GEUS

Report file no.
14969

WESSEL-1

Wessel-1, Petroleum geochemistry. A study carried out for Amerada Hess

Bojesen-Koefoed, J.A. & Nytoft, H.P.

Copenhagen
29-04-1998

DANMARKS OG GRØNLANDS GEOLOGISKE UNDERSØGELSE RAPPORT 1998/20

Wessel-1 well: Petroleum Geochemistry

A Study carried out for Amerada Hess

J.A. Bojesen-Koefoed and H. P. Nytoft

Confidential report

Copy no.

To be released 1.1.2003

RELEASED
11 NOV. 1999

GEOLOGICAL SURVEY OF DENMARK AND GREENLAND
MINISTRY OF ENVIRONMENT AND ENERGY

GEUS

Introduction

This report presents the results of an organic geochemical study carried out on samples from the Wessel-1 well, Outer Rough Basin, Danish North Sea sector.

The Wessel-1 well encountered significant oil shows in Upper Jurassic sandstones underlying Upper Jurassic Farsund Fm. shales.

The principal objective of this study is to assess the nature and origin of these oils shows.

The study was carried out for Amerada Hess a/s, Denmark

Samples and methods

A total of 19 rotary sidewall core samples (RSWC's) and 4 conventional core samples were analysed.

RSWC's covered the Upper Jurassic (3028.6m – 3049.5m) and the Permian (Zechstein, 3114.8m – 3171.5m) successions.

Conventional core samples were collected from the Upper Jurassic sandstone succession (3040.9m – 3049.5m).

All RSWC's were subjected to Rock-Eval/ TOC/TS screening analyses.

Biological marker and stable carbon isotopic analysis was carried out on a total of 12 samples:

Upper Jurssic Farsund Fm. shales: 4 samples
Upper Jurassic sandstone: 4 samples
Zechstein Z2 carbonates: 4 samples

In addition various supplementary data from other wells and outcrops have been used as needed.

Rock-Eval pyrolysis was carried out using a Delsi Rock-Eval 5 instrument.

Total Organic Carbon (TOC) analysis was carried out by combustion of carbonate-free sample, using a LECO IR212 induction furnace, followed by recalculation to compensate for loss of weight due to removal of carbonate minerals. Carbonates were removed by prolonged treatment with hot (60°C) 2N HCl, followed by several stages of rinsing.

Total Sulphur (TS) analysis was carried out by Haldor Topsøe a/s.

Solvent extraction was carried out using a Soxtec® apparatus with dichloromethane/methanol (DCM/MeOH, 93+7 vol./vol.) as solvent.

Asphaltenes were precipitated by *n*-pentane, and maltene fractions were separated into saturated, aromatic and polar compounds by Medium Pressure Liquid Chromatography (MPLC), using a method modified from Radke *et al.* (1980).

Details of gas chromatography (GC) and coupled gas chromatography - mass spetrometry (GC-MS) operation conditions are listed in **Appendix 1**. GC-MS analyses were run in SIM-mode (Selected Ion Monitoring).

Stable Carbon isotopic analysis ($\delta^{13}C$) was carried out by Geolab-Nor, Trondheim, Norway

Results

Rock-Eval-TOC screening

Results of Rock-Eval/TOC screening are listed in **Table 1.** Plots of Tmax vs. Hydrogen Index and TOC vs. S2 for samples containing >0.3% TOC are shown in **Fig. 1**. A plot of TOC vs. TS in shown in **Fig. 2**.

In the Wessel-1 well the Upper Jurassic Farsund Formation shales (3028.6m – 3040.9m) are excellent, highly oil-prone petroleum source rock. Both values of TOC and pyrolysis yield are high, leading to hydrogen indices greater than 500. Based on values of Tmax, the deposits are immature to very early mature.

No samples from the Triassic succession have been analysed.

The Permian (Zechstein) succession comprises the interval 3114.8m – 3171.5m. The Zechstein Z2 carbonates (3134.0m – 3142.5m) show variable source rock potential. Several samples show good source rock potential, with rather high pyrolysis yields and organic carbon contents, and hydrogen indices exceeding 300, whereas other samples do not possess notable petroleum generation potential. Based on Tmax, the deposits are immature to early mature, but high values of S1 and thus of PI (= S1/(S1+S2)), indicate the presence of staining and/or active generation. Carbonate source rocks are generally known to generate and expel petroleum at somewhat lower levels of thermal maturity than do shale source rocks, and suppression of Tmax in the presence of increased proportions of bitumen is well known.

The hypersaline nature of the deposional environment of the Z2 carbonates is evident from the plot of TOC vs. TS, shown in **Fig. 2**.

Data are available from only one sample of this interval in the Tordenskjold-1 well (3642m: TOC= 0.50; Tmax=439; S2=1.17; HI=234).

In the remaining part of the Zechstein succession from which samples have been analysed, staining is evident in several samples, and a few samples may possess some potential for petroleum generation.

Biomarker and stable Carbon isotopic analysis

Biological marker and stable carbon isotopic analysis was carried out on a total of 12 samples: Upper Jurssic Farsund Fm. shales: 4 samples; Upper Jurassic sandstone: 4 samples; Zechstein Z2 carbonates: 4 samples.

Extraction and separation data, and various ratios calculated from GC, GC-MS and stable Carbon isotopic data are shown in **Tables 2 - 10**. Original GC and GC-MS data are included in **Appendix 3**. Plots of various biological marker and stable carbon isotopic data are shown in **Figs. 3-11.**

Upper Jurassic Farsund Fm. source rocks (3028.6m – 3040.9m)

The four samples analysed show broadly similar characteristics. Gas chromatograms of the saturated fractions show light-end skewed *n*-alkane distributions, with apices at nC$_{17}$, and somewhat irregular convex-up trends of decreasing abundance of n-alkanes with increasing carbon number (**Appendix 3**). A slight even number predominance among the n-alkanes may be present in the nC$_{20-26}$ range, whilst in the higher carbon number range, a slight odd-number predominance may be observed. The proportion of "Unresolved Complex Mixture" (UCM) is low in all samples. Pristane/phytane ratios are slightly greater than unity (1.01 – 1.39, **Table 3**), and the proportions of acyclic isoprenoids relative to *n*-alkanes are moderate to high. A notable "biological marker envelope" is present in all samples.

Triterpane biomarkers show a moderate abundance of tricyclic triterpanes relative to pentacyclic compounds, presence of C$_{24}$ tetracyclic terpane, dominance of hopane, very high relative proportions of homohopanes showing pronounced odd-carbon number predominance, with HOEP >> 1. Minor proportions of both gammacerane and C$_{30}$ 30-norhopane are detected in all samples (**Tables 4 & 7**).

Sterane distributions show predominance of C$_{27}$ regular steranes, and subordinate proportions of C$_{28}$ and C$_{29}$ regular steranes (**Table 5**). C$_{30}$ steranes are present in all samples. C$_{27}$ diasterane/regular sterane ratios are significantly below unity (0.58 – 0.80). The m/z 231 ion fragmentogram shows a number of unidentified peak, but does not allow confirmation of the presence of Ring-A methylated steranes.

Homohopane isomerization ratios are at equilibrium (i.e. close to 0.60), whereas sterane 20S/(20S+20R) isomerization ratios are far below equilibrium (**Table 6**). Hence, biological marker maturity parameters indicate a level of thermal maturity corresponding to the lowermost part of the "oil window", before the start of significant petroleum generation. This observation is corroborated by screening data.

In the present study, ring D aromatised secohopanes (SH), and their demethylated derivatives (DSH) have proven useful for correlation (Hussler et al. 1984, Köster et al. 1997). The Farsund Formation shales show SH C$_{29}$/C$_{30}$ ratios close to or slightly below 1, low to moderate proportions of extended SH's (C$_{31-35}$) relative to unextended SH's, and fair proportions of DSH's relative to SH's (**Table 8 and Appendix 3**).

Several parameters based on alkylated dibenzothiophenes were proposed for evaluation of thermal maturity by Chakhmakhchev et al. (1997). However, the authors did not attempt to calibrate the new maturity parameters to traditional biomarker maturity indicators. Hence, although dibenzothiophene data are included in the present study (**Appendix 3**), the data have not been used for maturity estimation. However, methyldibenzothiophene (MDBT) data show a well developed fourfold grouping of the samples: Farsund Fm. samples in one group, 'oil samples' in a second group, Z2 samples in a third group, and the Olaf-1 oil separated from all other samples (**Table 10**). A similar grouping is evident from dimethyldibenzothiophene (DMDBT) distributions.

Two samples were subjected to stable carbon isotopic analysis (3035.0m and 3040.2m) (**Table 9**). Based on comparison of data from analysis of total extract, and data from individual extract fractions, the dataset obtained from the 3040.2m sample is doubtful and must be used with caution. The sample collected at 3035m shows a distribution of stable carbon isotopes within the range spanned by samples of the Farsund Fm. in general and of most oils generated from this unit in the Danish North Sea sector (see also Olaf-1 oils below). The sample collected at 3040.2m yield very low (negative) δ^{13}C-values of the hydrocarbon fractions. This is not conformable with the δ^{13}C-value shown by the bulk extract, but rather well in agreement with data from the Olaf-1 oil.

By comparison to the general biological marker signature of the Farsund Formation in the Danish North Sea sector, the deposits sampled in the Wessel-1 well are slightly atypical. When present, the uppermost, "hot" portion of the Farsund Formation generally contains high proportions of 28,30-bisnorhopane, whereas the deeper portions often show evidence of terrigenous organic input. The shales sampled in the Wessel-1 well show neither of these characteristics. The absence of 28,30-bisnorhopane may be due to absence of the "hot" portion of the formation, but no signs of terrigenous input can be detected, and the distribution of extended hopanes is remarkable. This may be explained as being due to facies variation within the Farsund Formation and as an expression of the limited data coverage in the Outer Rough basin, which was developed later than the more easterly Jurassic basins of the Danish North Sea sector. Data from the Farsund Formation in the Kim-1 and Lone-1 wells (available to Amerada Hess Ltd.) do not show the characteristics noted in the Wessel-1 well, although increasing terrestrial input towards the base of the Formation is not clear. The presence of 28,30-bisnorhopane is recurring in most Farsund Formation derived oils in the Danish North Sea, including the Olaf-1 oil..

'Oil' extracted from Upper Jurassic sandstones (3040.9m – 3049.5m)

The four samples analysed show largely identical characteristics. Gas chromatograms of the saturated fractions show light-end skewed *n*-alkane distributions, with apices in the nC_{16-18}-range, and regular convex – concave up ("sigmoidal") trends of decreasing abundance of n-alkanes with increasing carbon number (**Appendix 3**). A slight even number predominance among the n-alkanes may be present in the nC_{20-26} range. The proportions of "Unresolved Complex Mixture" (UCM) are very low. Pristane/phytane ratios are significantly below unity (0.77– 0.82, **Table 3**), and the proportions of acyclic isoprenoids relative to *n*-alkanes are moderate.
Triterpane biomarkers show a moderate abundance of tricyclic triterpanes relative to pentacyclic compounds, presence of C_{24} tetracyclic terpane, dominance of hopane, high relative proportions of homohopanes with HOEP ~ 1, although enhancement of pentakishomohopane is evident in all samples. Minor proportions of both gammacerane and C_{30} 30-norhopane are detected in all samples (**Tables 4 & 7**).
Sterane distributions show predominance of C_{27} regular steranes, and subordinate proportions of C_{28} and C_{29} regular steranes (**Table 5**). C_{30} steranes are present in all samples. C_{27} diasterane/regular sterane ratios are close to unity (0.99 – 1.07). αββ steranes appear slightly enhanced. The presence of minor proportions of C_{28} ring-A methylated steranes is confirmed by the m/z 231 ion fragmentogram.
Homohopane isomerization ratios are at equilibrium (*i.e.* close to 0.60), whereas sterane 20S/(20S+20R) isomerization ratios are close to equilibrium, *i.e.* close to 0.52 (**Table 6**). Hence, biological marker maturity parameters indicate generation from a early to peak mature source rock.
The 'oil' extracted from Upper Jurassic sands show aromatic secohopane (SH) C_{29}/C_{30} ratios generally greater than 1.1, high proportions of extended SH's (C_{31-35}) relative to unextended SH's, and low proportions of demethylated SH's relative to SH's (**Table 8 and Appendix 3**).
Methyldibenzothiophene (MDBT) data show a well developed fourfold grouping of the samples: Farsund Fm. samples in one group, 'oil samples' in a second group, Z2 samples in a third group, and the Olaf-1 oil separated from all other samples (**Table 10**), and a similar grouping is evident from dimethyldibenzothiophene (DMDBT) distributions.

Two samples were subjected to stable carbon isotopic analysis (3041.5m and 3043.5m) (**Table 9**). The data yielded by the two samples are nearly identical, and the $\delta^{13}C$-values are slightly more negative than the values yielded by the majority of oils in the Danish North Sea sector. However, the values still fall within the range spanned by oils in the Danish North Sea sector. The values obtained are, however, significantly more positive than the $\delta^{13}C$-value yielded by the Olaf-1 oil, which is the geographically nearest oil sample available.

Permian (Zechstein Z2) carbonate source rocks (3134.0m – 3142.5m)

The four samples analysed show largely identical characteristics. Gas chromatograms of the saturated fractions show light-end skewed *n*-alkane distributions, with apices at nC_{15}, and regular, almost linear, trends of decreasing abundance of n-alkanes with increasing carbon number (**Appendix 3**). A very slight even number predominance among the n-alkanes may be traced in the $nC_{20\text{-}26}$ range. The proportions of "Unresolved Complex Mixture" (UCM) are very low.
Pristane/phytane ratios are very low (0.45– 0.46, **Table 3**), and the proportions of acyclic isoprenoids relative to *n*-alkanes are relatively low.
Triterpane biomarkers show abundant tricyclic triterpanes relative to pentacyclic compounds, presence of C_{24} tetracyclic terpane, near equal proportions of norhopane and hopane, and high relative proportions of homohopanes with HOEP ~ 1.1, with significant enhancement of pentakishomohopane. Notable proportions of both gammacerane and C_{30} 30-norhopane are present in all samples (**Tables 4 & 7**).
Sterane distributions show predominance of C_{29} regular steranes, and subordinate proportions of C_{27} and C_{28} regular steranes (**Table 5**). Traces of C_{30} steranes are observed in all samples. C_{27} diasterane/regular sterane ratios are low (0.15 – 0.17). Strong enhancement of $\alpha\beta\beta$ steranes is noted. No traces of ring-A methylated steranes can be detected in the m/z 231 ion fragmentogram. Homohopane isomerization ratios are at equilibrium (*i.e.* close to 0.60), whereas sterane 20S/(20S+20R) isomerization ratios are slightly below equilibrium (~ 0.52) (**Table 6**). Hence, biological marker maturity parameters indicate a level of thermal maturity corresponding to the lower part of the "oil window", at the start of significant petroleum generation. This observation is largely corroborated by screening data.
The Zechstein Z2 carbonates show aromatic secohopane (SH) C_{29}/C_{30} ratios less than 0.75, high proportions of extended SH's ($C_{31\text{-}35}$) relative to unextended SH's, and near absence of demethylated SH's relative to SH's (**Table 8 and Appendix 3**).
Methyldibenzothiophene (MDBT) data show a well developed fourfold grouping of the samples: Farsund Fm. samples in one group, 'oil samples' in a second group, Z2 samples in a third group, and the Olaf-1 oil separated from all other samples (**Table 10**), and a similar grouping is evident from dimethyldibenzothiophene (DMDBT) distributions.
Two samples were subjected to stable carbon isotopic analysis (3134.7m and 3141.0m) (**Table 9**). The data yielded by the two samples are nearly identical, and the $\delta^{13}C$-values are significantly less negative than the values yielded by the majority of oils in the Danish North Sea sector. The values yielded by the samples fall near the limit of the range spanned by oils in the Danish North Sea sector, and are ~3 ‰ more positive than the $\delta^{13}C$-value yielded by the Olaf-1 oil, which is the geographically nearest oil sample available.

Olaf-1 oil sample

The Gas chromatogram of the saturated fraction shows a light-end skewed *n*-alkane distribution, with apex at nC_{17}, and a fairly regular, slightly convex-up trend of decreasing abundance of *n*-alkanes with increasing carbon number (**Appendix 3**). The proportion of "Unresolved Complex Mixture" (UCM) is low. Pristane/phytane ratio is ~ 1.3 (**Table 3**), and the proportion of acyclic isoprenoids relative to *n*-alkanes is moderate.

Triterpane biomarkers show a moderate abundance of tricyclic triterpanes relative to pentacyclic compounds, presence of C_{24} tetracyclic terpane and 28,30-bisnorhopane, dominance of hopane, and high relative proportions of homohopanes with HOEP ~ 1.1. Traces of both gammacerane and C_{30} 30-norhopane are present (**Tables 4 & 7**).

The sterane distribution shows predominance of C_{27} regular steranes, and subordinate proportions of C_{28} and C_{29} regular steranes (**Table 5**). C_{30} steranes are present. C_{27} diasterane/regular sterane ratio is high (1.77). The m/z 231 ion fragmentogram shows a number of unidentified peak, but does not allow confirmation of the presence of Ring-A methylated steranes.

Both homohopane and sterane isomerization ratios are at equilibrium (**Table 6**). Biological marker maturity parameters indicate generation from a thermally mature source rock.

The Olaf-1 oil shows an aromatic secohopane (SH) C_{29}/C_{30} ratio 0.94, low proportions of extended SH's ($C_{31\text{-}35}$) relative to unextended SH's, and moderate proportions of demethylated SH's relative to SH's (**Table 8 and Appendix 3**). These characteristics are recurring in many Farsund Formation derived oils in the Danish North Sea sector.

Methyldibenzothiophene (MDBT) data show a well developed fourfold grouping of the samples: Farsund Fm. samples in one group, 'oil samples' in a second group, Z2 samples in a third group, and the Olaf-1 oil separated from all other samples (**Table 10**), and a similar grouping is evident from dimethyldibenzothiophene (DMDBT) distributions.

Stable carbon isotopic analysis yield very low (negative) $\delta^{13}C$-values (**Table 9**). The Olaf-1 oil shows a distribution of stable carbon isotopes at the limit of the range spanned by oils generated from the Farsund Fm. in the Danish North Sea sector.

Discussion and conclusion

The objective of the present study was to assess the origin of the oil shows present in the Upper Jurassic sands penetrated by the Wessel-1 well.

Based on the data presented above, it is evident that despite similarities between the oil composition and the composition of extracts of both the Farsund Fm. and Zechstein Z2 source rocks in the Wessel-1 well, as well as the composition of the Olaf-1 oil sample, a clearcut correlation cannot be established. This is principally due to the presence of features exclusive to the oil, which furthermore shows that mixing of contributions from the two possible source rocks cannot explain the composition of the oil.

With respect to the origin of the Wessel-1 oil shows a number of biomarker characteristics indicate an origin from a mature carbonate/marl type source rock, which was deposited under conditions of high salinity, and which received very minor terrigenous organic matter contributions to the kerogen. These characteristics include pristane/phytane ratio $<<1$, traces of even number predominance among the *n*-alkanes, presence of 30-norhopanes, high proportions of homohopanes, and the presence of gammacerane (Peters & Moldowan 1993). However, not all of these characteristics are very pronounced, and gammacerane and traces 30-norhopanes are present in the Farsund Fm. shales as well. Furthermore, except for the enhancement of $\alpha\beta\beta$-steranes, the sterane distribution resembles distributions often observed in marine shales. Hence, it is likely that the oil shows are of mixed origin.

The oil extracted from the Upper Jurassic sands was clearly generated from a source rock at a higher level of thermal maturity than the level observed in the possible source rocks in the Wessel-1 well. Hence, migration from deeper-seated kitchen areas north, east, or south of the well locations is conceivable. The existence of such kitchens is hinted by the structures on the base Jurassic structure map shown in **Fig. 12**.

The problem of mixing and the presence of unique features of the oil may be approached by assuming a greater compositional variability of the source rocks than presently known, or by invoking contributions from a third, hitherto untested source rock unit.

A likely candidate for a third, unknown source is an equivalent to the Marl Slate/Kupferschiefer, which presumably is present below the Zechstein succession in both the northern and southern Zechstein basins in the North Sea. In order to test this hypothesis, the oil composition was compared to a hydrous pyrolysate of an immature sample of the Marl Slate, collected in an active quarry near Sunderland, UK (GEUS, unpublished data).
The composition of the hydrous pyrolysate did not, however, comprise any of the unique features characteristic of the Wessel-1 oil show.
Although contributions from a hypothetical Marl Slate equivalent cannot be excluded on this basis, the results do not lend any kind of support to such speculations.. For this reason, the data have not been included, and until new data or samples may become available in the future, the notion is not further pursued.

The oil shows encountered in the Wessel-1 well show compositional similarities to Zechstein Z2 derived oil shows in the Saxo-1 and Tordenskjold-1 wells, but also notable dissimilarities are present (see Bojesen-koefoed & Nytoft 1997). Based on the available evidence, it is concluded that the Wessel-1 oil shows originated from pooling of contributions from several sources, probably including both carbonate source rocks within the Zechstein succession, and Upper Jurassic marine shales. The problems of unique features observed in the oil, which are not recurring in any known potential source rock may be in part be attributed to incomplete knowledge of facies variations within the known potential source rocks, and to poor data coverage in the Outer Rough basin, which may allow potential source rocks to be present without being recognised as such.

References

Bishop, A. N. & Farrimond, P. 1995. A new method for comparing extended hopane distributions. Organic Geochemistry 23, 987-990

Bojesen-Koefoed, J. A. & Nytoft, H. P. 1997. Saxo-1 well: petroleum geochemistry. A study carried out for Amerada Hess. Danmarks og Grønlands Geologiske Undersøgelse Rapport 1997/78 (confidential)

Chakhmakhchev, A., Suzuki, M., & Takayama, K. 1997. Distribution of alkylated dimethylthiophenes in petroleum as a tool for maturity assessments. Organic Geochemistry 26, 483-490

Chung, H. M., Rooney, M. A., Toon, M. B. & Claypool, G. E. 1992. Carbon isotope composition of marine crude oils. AAPG Bulletin 76, 1000-1007

Hussler, G. Connan, J. & Albrecht P. 1984. Novel families of tetra- and hexacyclic aromatic hopanoids predominant in carbonate rocks and crude oils. Organic Geochemistry 6, 39-49

Köster, J., van Kaam-Peters, H. M. E., Koopmans, M. P. , de Leeuw, J. W. & Sinninghe-Damste, J. S. 1997. Sulphurization of homohopanoids: Effect on carbon number distribution, speciation, and 22S/22R epimer ratios. Geochimica et Cosmochimica Acta 61, 2431-2452

Peters, K. E. and Moldowan J. M. 1993. The biomarker guide. Prentice Hall, Englewood Cliffs, New Jersey, 363pp.

Radke, M., Willsch, H. and Welte, D. H., 1980. Preparative hydrocarbon group type determination by automated Medium Pressure Liquid Chromatography. Analytical Chemistry 52, 406-411

Sofer, Z. 1984. Stable carbon isotope compositions of crude oils: application to source depositional environments and petroleum alteration. AAPG Bulletin 68, 31-49

Figures

Fig. 1. Tmax versus Hydrogen Index and TOC versus S2 for samples containing >0.3% TOC.

Fig. 2. TOC versus TS

Fig. 3. Plot showing phytane/nC$_{18}$ versus pristane/nC$_{17}$

Fig. 4. Plot showing norhopane/hopane ratio (H29/H30) versus C_{23} tricyclic terpane/C_{24} tetracyclic terpane ratio (T23/Te24).

Fig. 5. Plot showing norhopane/hopane ratio (H29/H30) versus homohopane odd-even predominance (HOEP).

Fig. 6. Ternary plot showing normalized distribution of C_{27-29} regular steranes.

Fig. 7. Plot showing $\delta^{13}C$ of total oil/extract versus pristane/phytane ratio (after Chung *et al.* 1992).

Fig. 8. Plot showing - $\delta^{13}C$ of total oil/extract versus norm-% C_{29} regular sterane.

Fig. 9. Galimov-plot of $\delta^{13}C$ - data.

Fig. 10. Sofer-plot of $\delta^{13}C$ - data (after Sofer 1984).

Fig. 11. Ternary plot showing normalized distribution of methyldibenzothiophene isomers.

Fig. 12. Base Jurassic structure map, showing potential source kitchens north, south and east of the Wessel-1 well location. Arrows indicate location of wells mentioned in the present study.

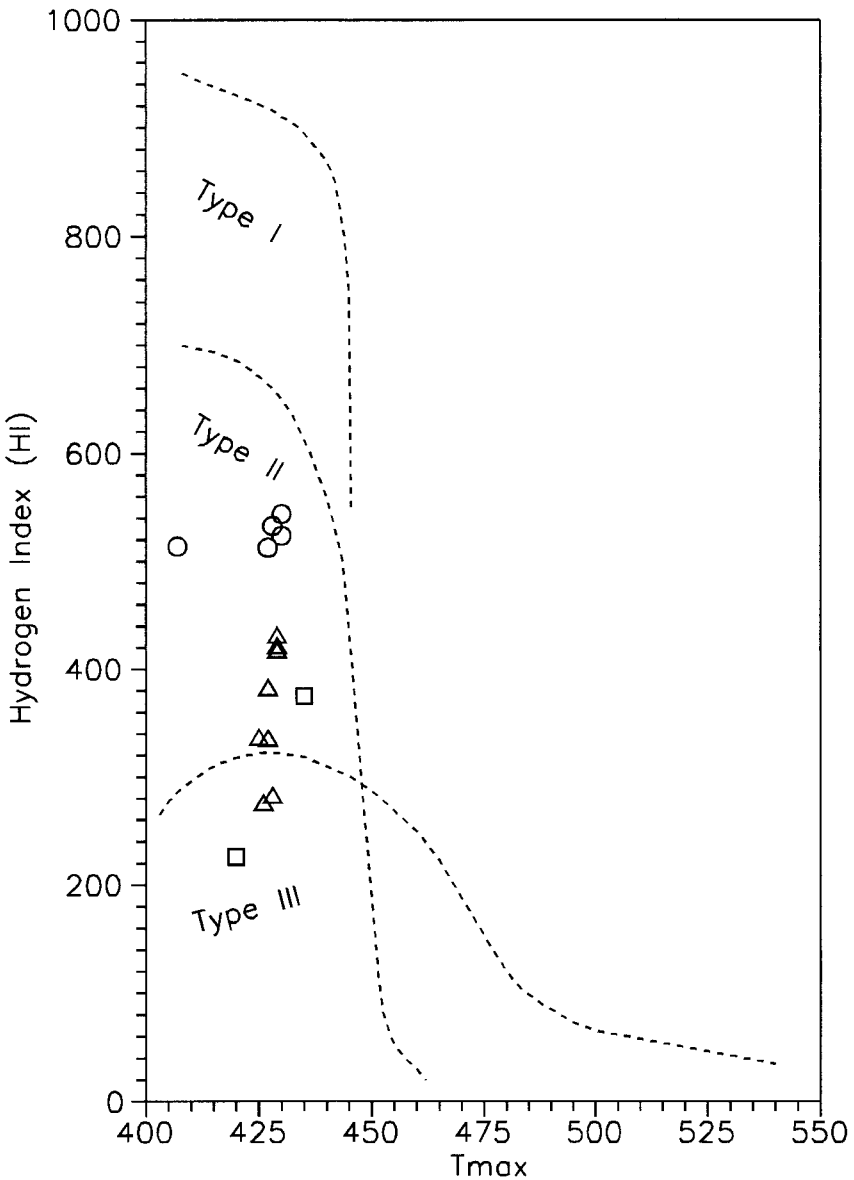
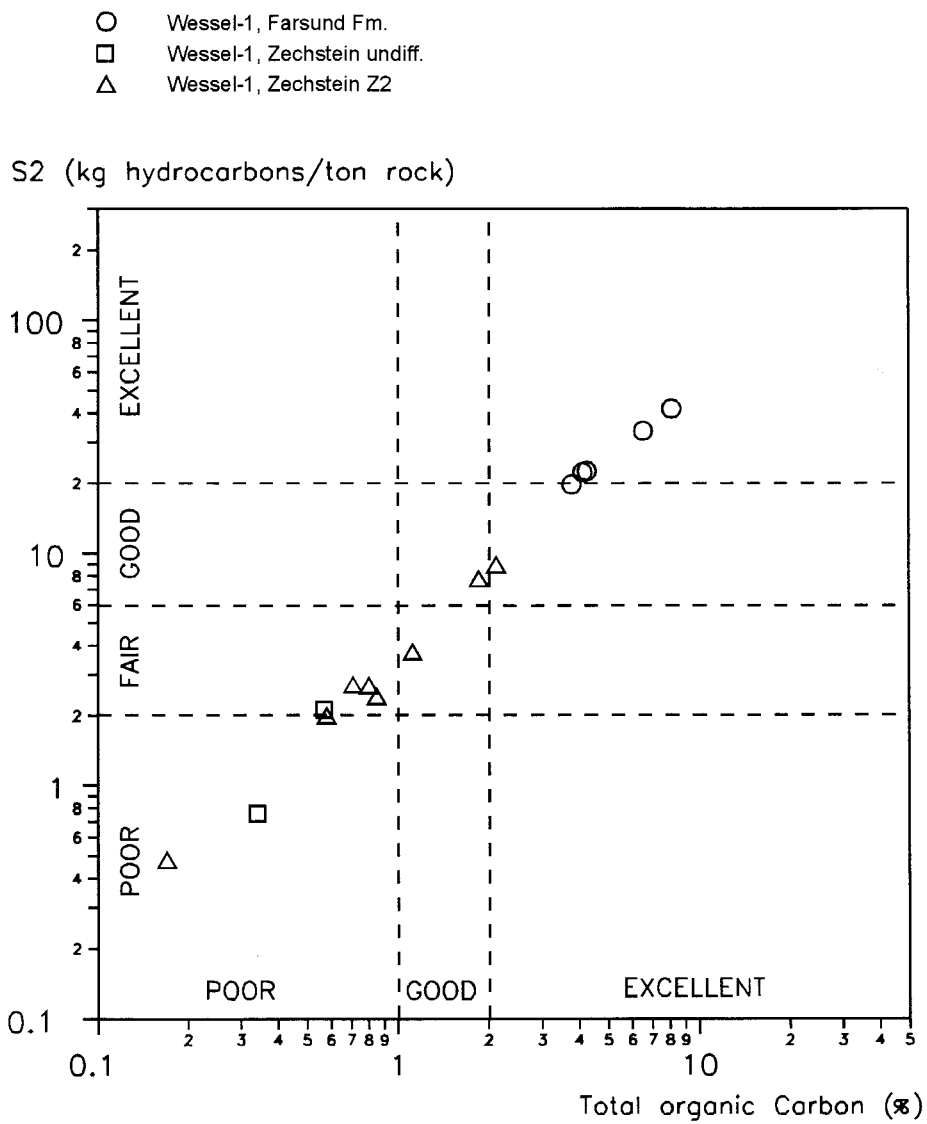


Fig. 1

Samples yielding TOC<0.3% have been excluded.



Samples yielding TOC<0.3% have been excluded.

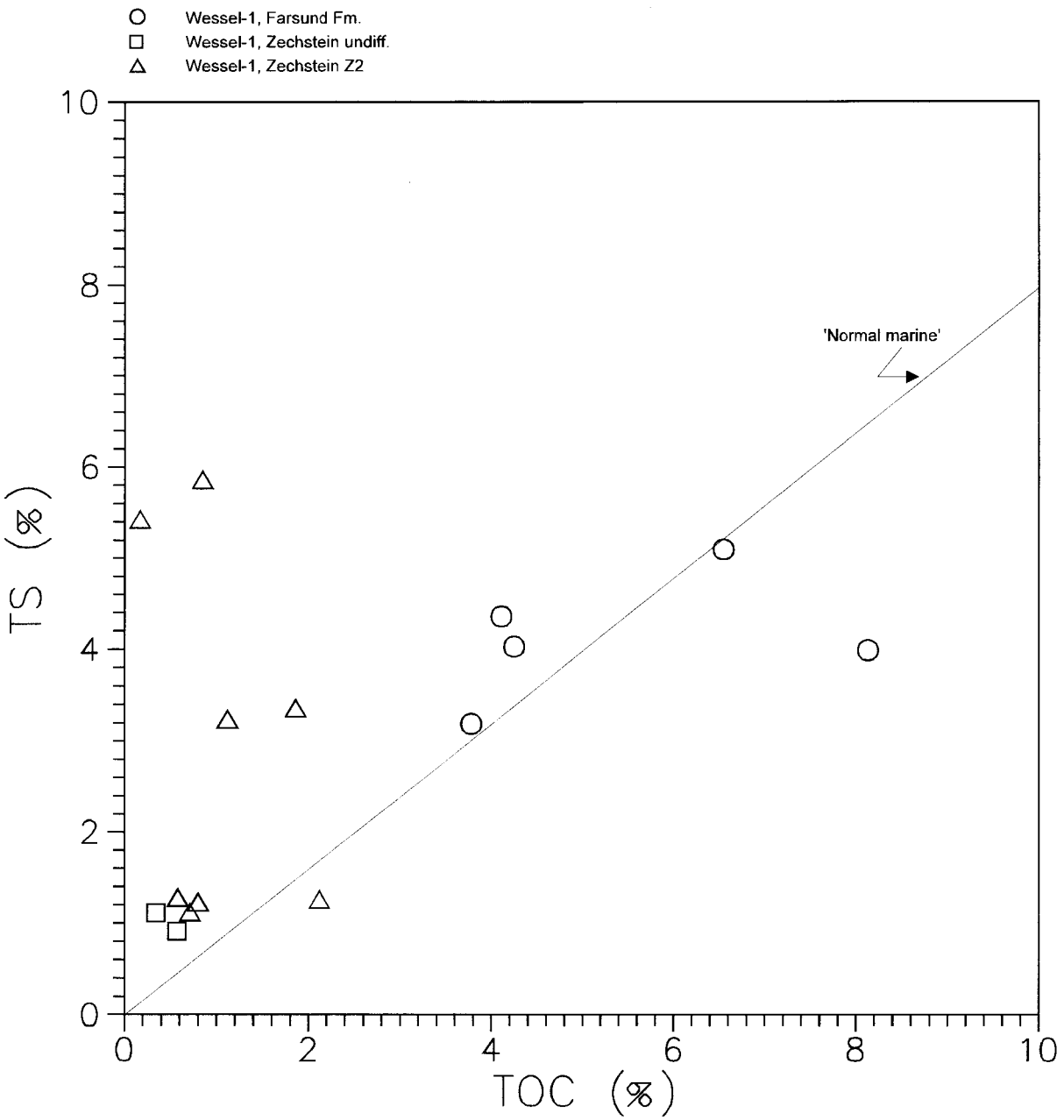


Fig. 2

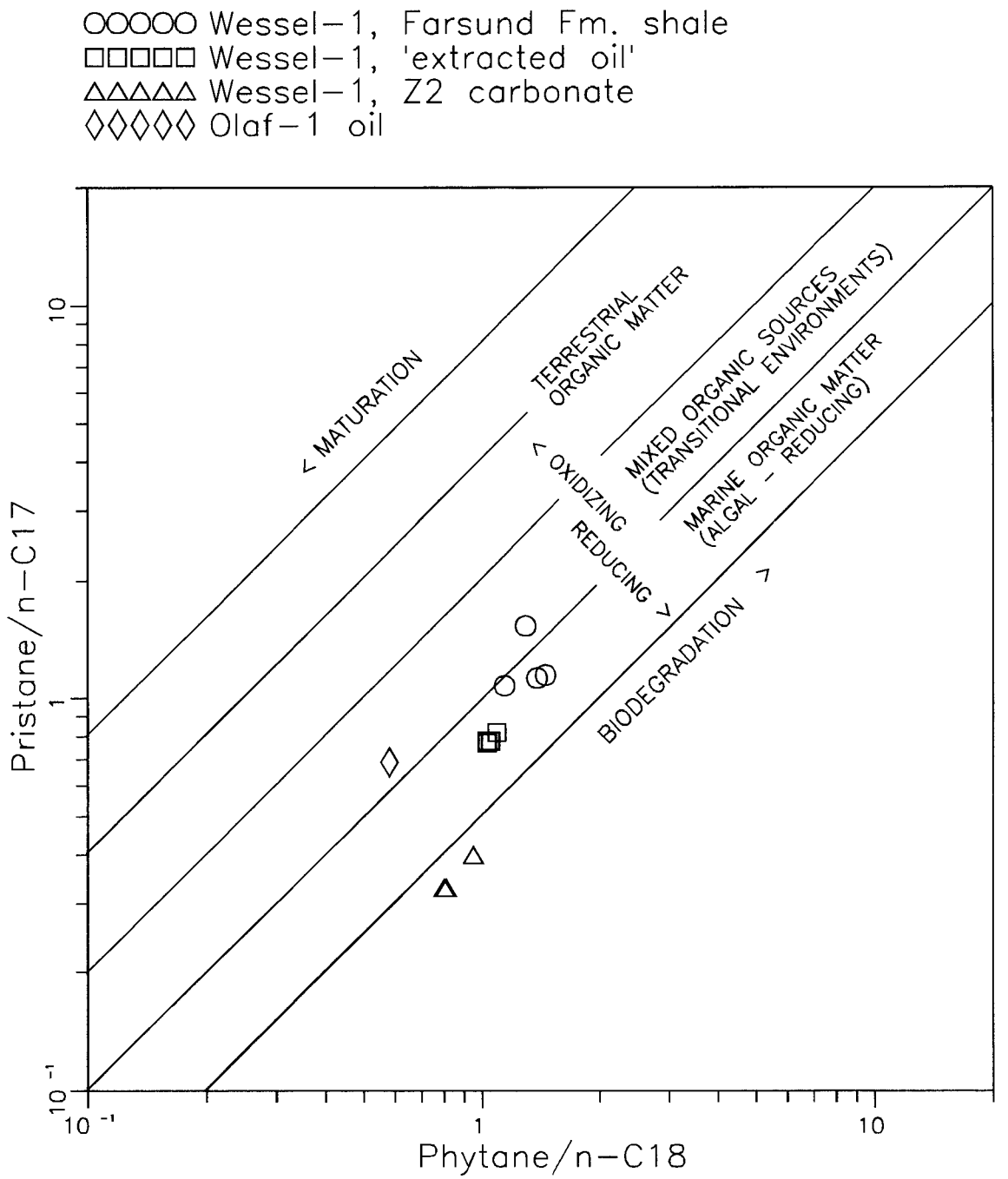

OOOOO Wessel−1, Farsund Fm. shale
□□□□□ Wessel−1, 'extracted oil'
ΔΔΔΔΔ Wessel−1, Z2 carbonate
◊◊◊◊◊ Olaf−1 oil
< MATURATION
TERRESTRIAL ORGANIC MATTER
MIXED ORGANIC SOURCES (TRANSITIONAL ENVIRONMENTS)
MARINE ORGANIC MATTER (ALGAL − REDUCING)
< OXIDIZING
REDUCING >
BIODEGRADATION >
Pristane/n−C17
Phytane/n−C18
10
1
10 -1
10 -1
1
10

Fig. 3

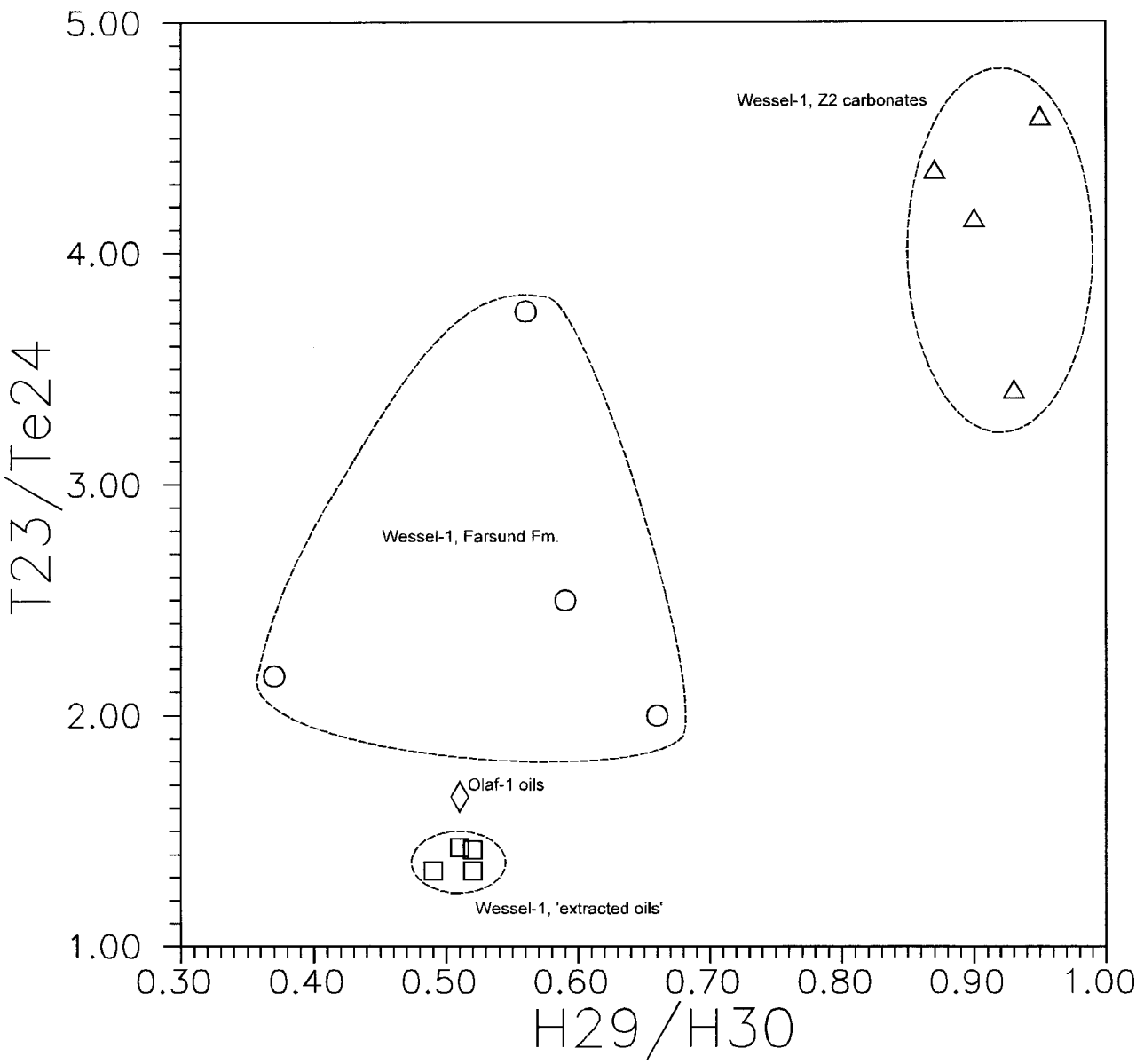

5.00
4.00
3.00
2.00
1.00
T23/Te24
0.30
0.40
0.50
0.60
0.70
0.80
0.90
1.00
H29/H30
Wessel-1, Z2 carbonates
Wessel-1, Farsund Fm.
Olaf-1 oils
Wessel-1, 'extracted oils'

Fig. 4

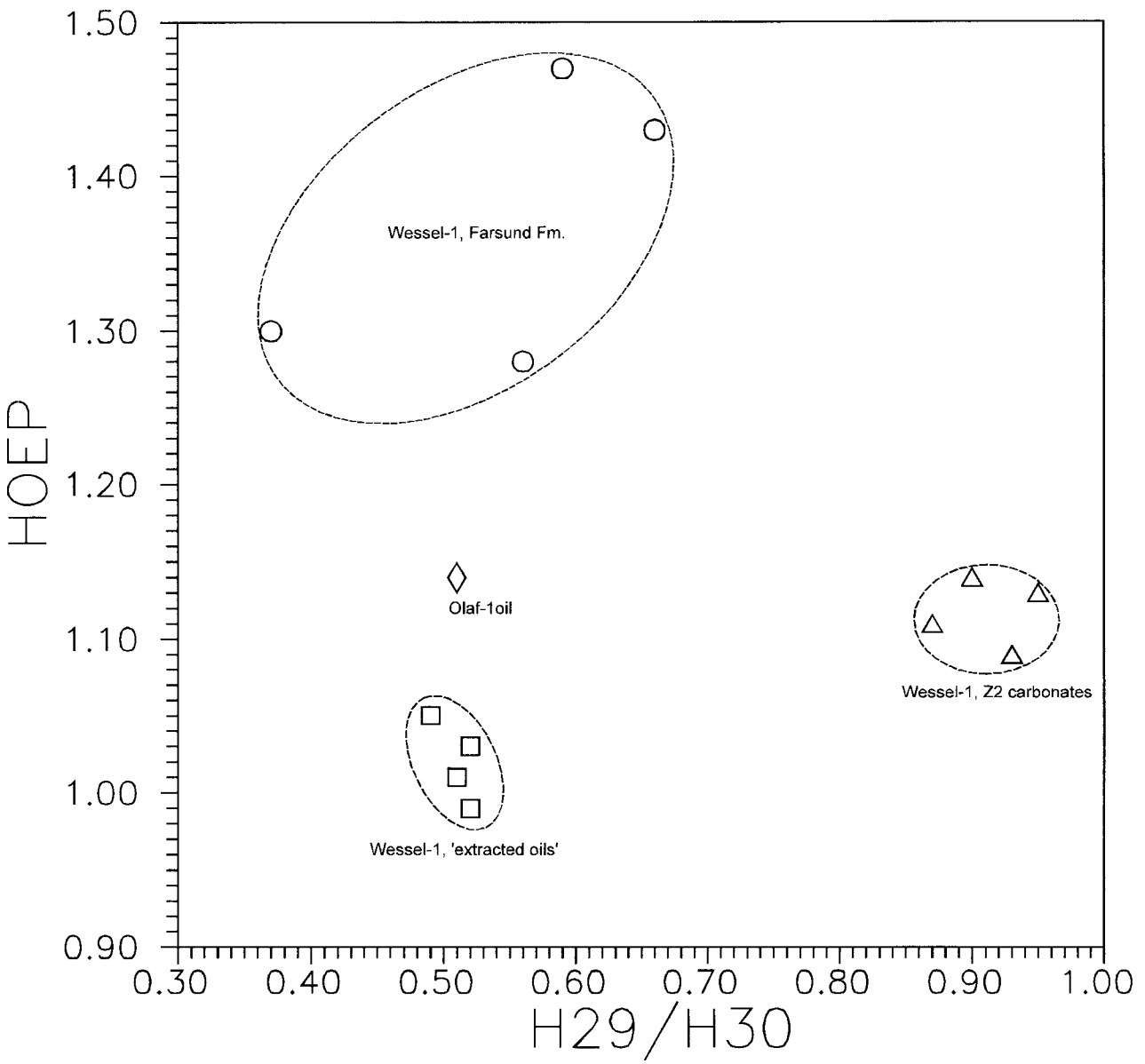

1.50
1.40
1.30
1.20
1.10
1.00
0.90
HOEP
0.30
0.40
0.50
0.60
0.70
0.80
0.90
1.00
H29/H30
Wessel-1, Farsund Fm.
Olaf-1oil
Wessel-1, Z2 carbonates
Wessel-1, 'extracted oils'

Fig. 5

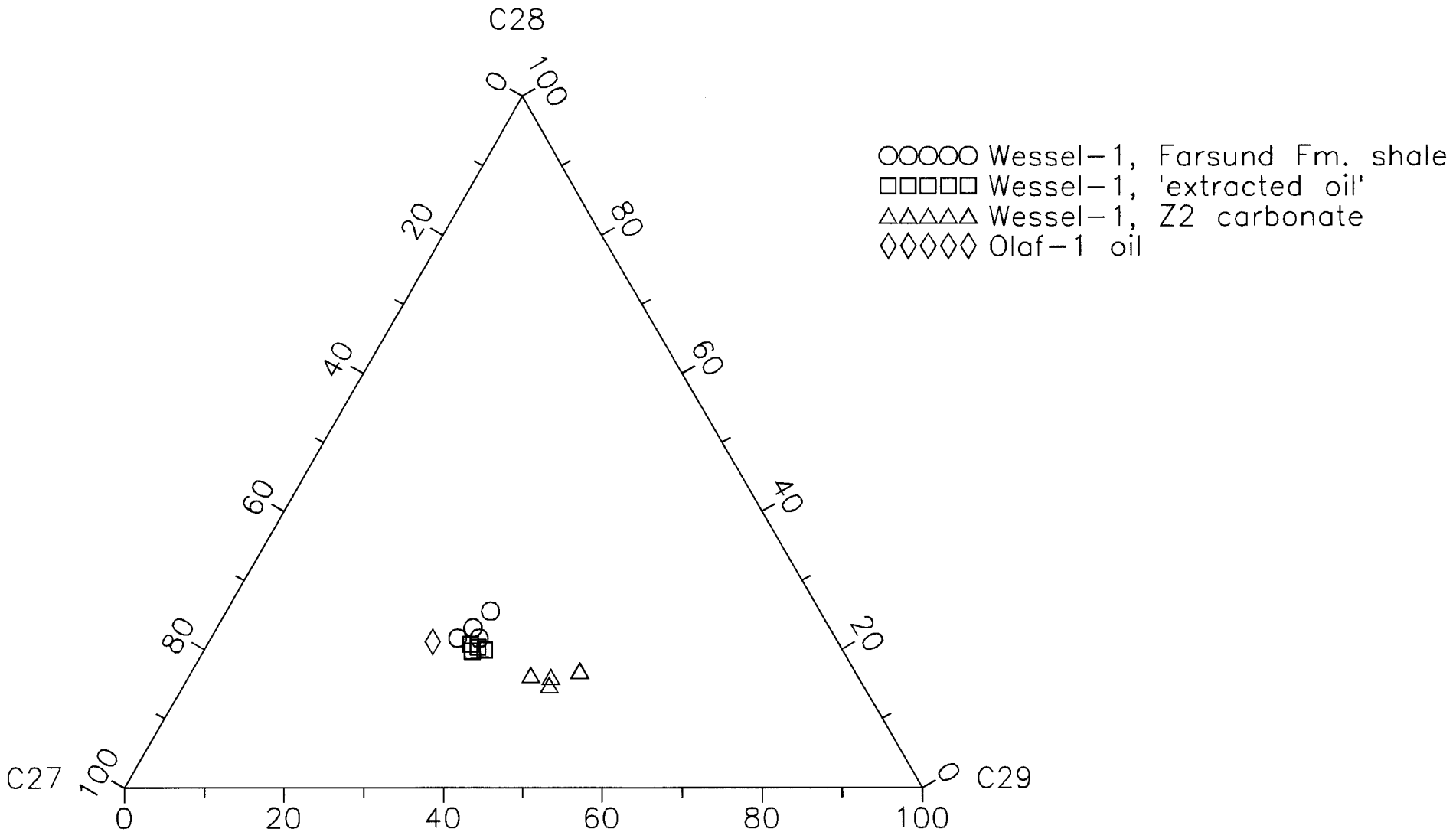

C28
C27
C29
0
20
40
60
80
100
OOOOO Wessel–1, Farsund Fm. shale
□□□□□ Wessel–1, 'extracted oil'
△△△△△ Wessel–1, Z2 carbonate
◊◊◊◊◊ Olaf–1 oil

Fig. 6

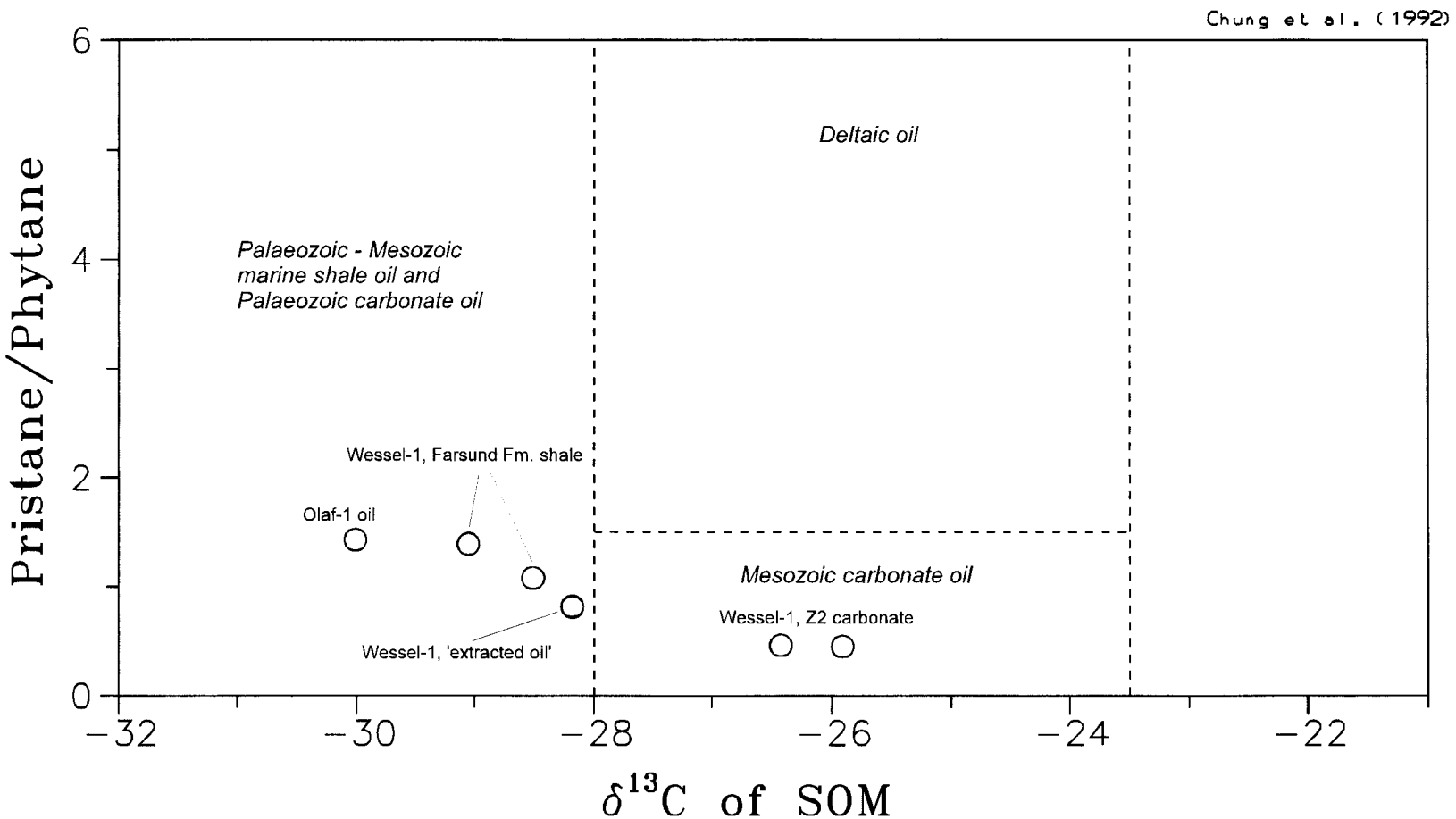

Chung et al. (1992)
Pristane/Phytane
6
4
2
0
−32
−30
−28
−26
−24
−22
δ13C of SOM
Deltaic oil
Palaeozoic - Mesozoic
marine shale oil and
Palaeozoic carbonate oil
Wessel-1, Farsund Fm. shale
Olaf-1 oil
Wessel-1, 'extracted oil'
Mesozoic carbonate oil
Wessel-1, Z2 carbonate

Fig. 7

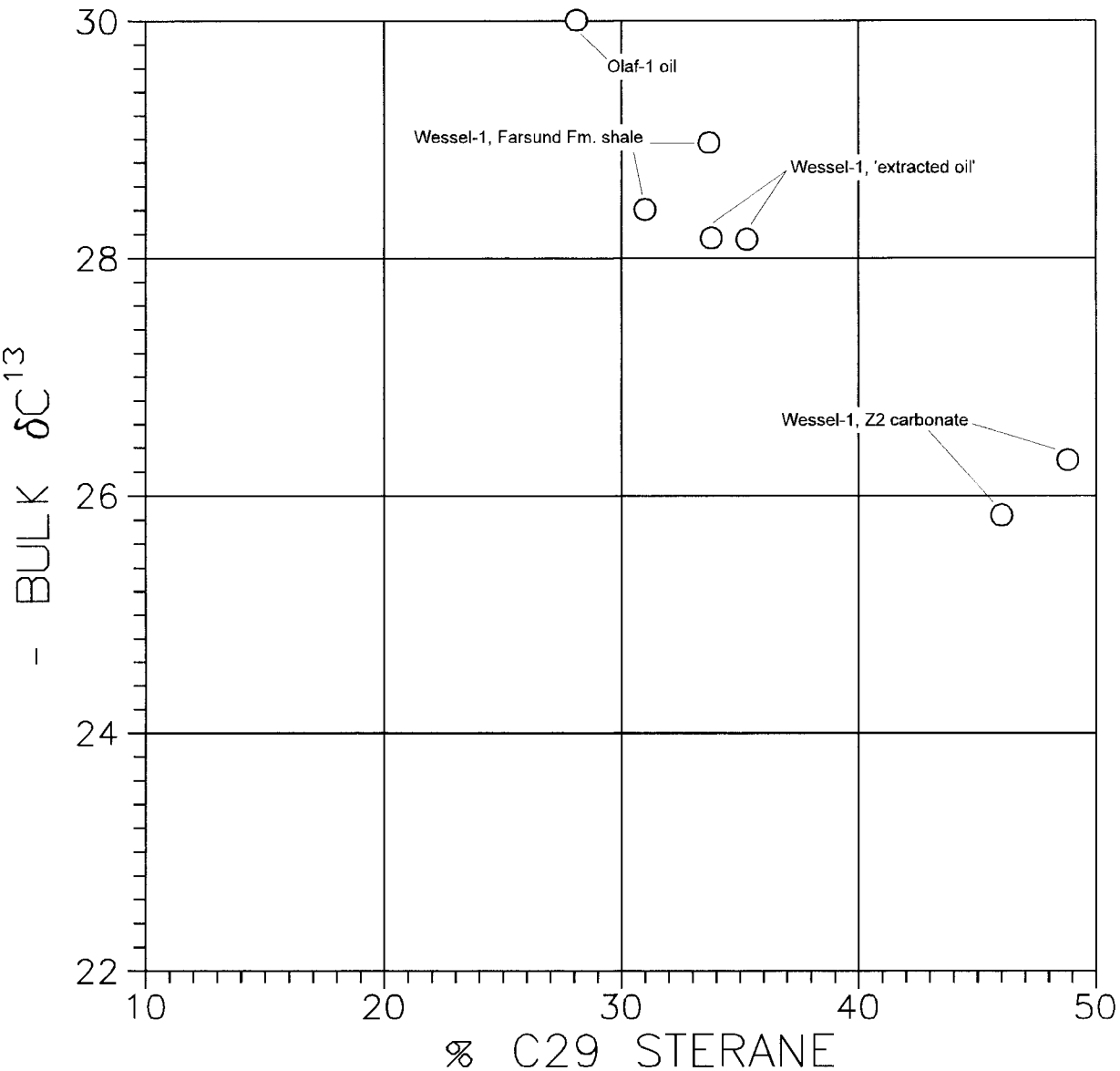

30
28
26
24
22
- BULK δC13
10
20
30
40
50
% C29 STERANE
Olaf-1 oil
Wessel-1, Farsund Fm. shale
Wessel-1, 'extracted oil'
Wessel-1, Z2 carbonate

Fig. 8

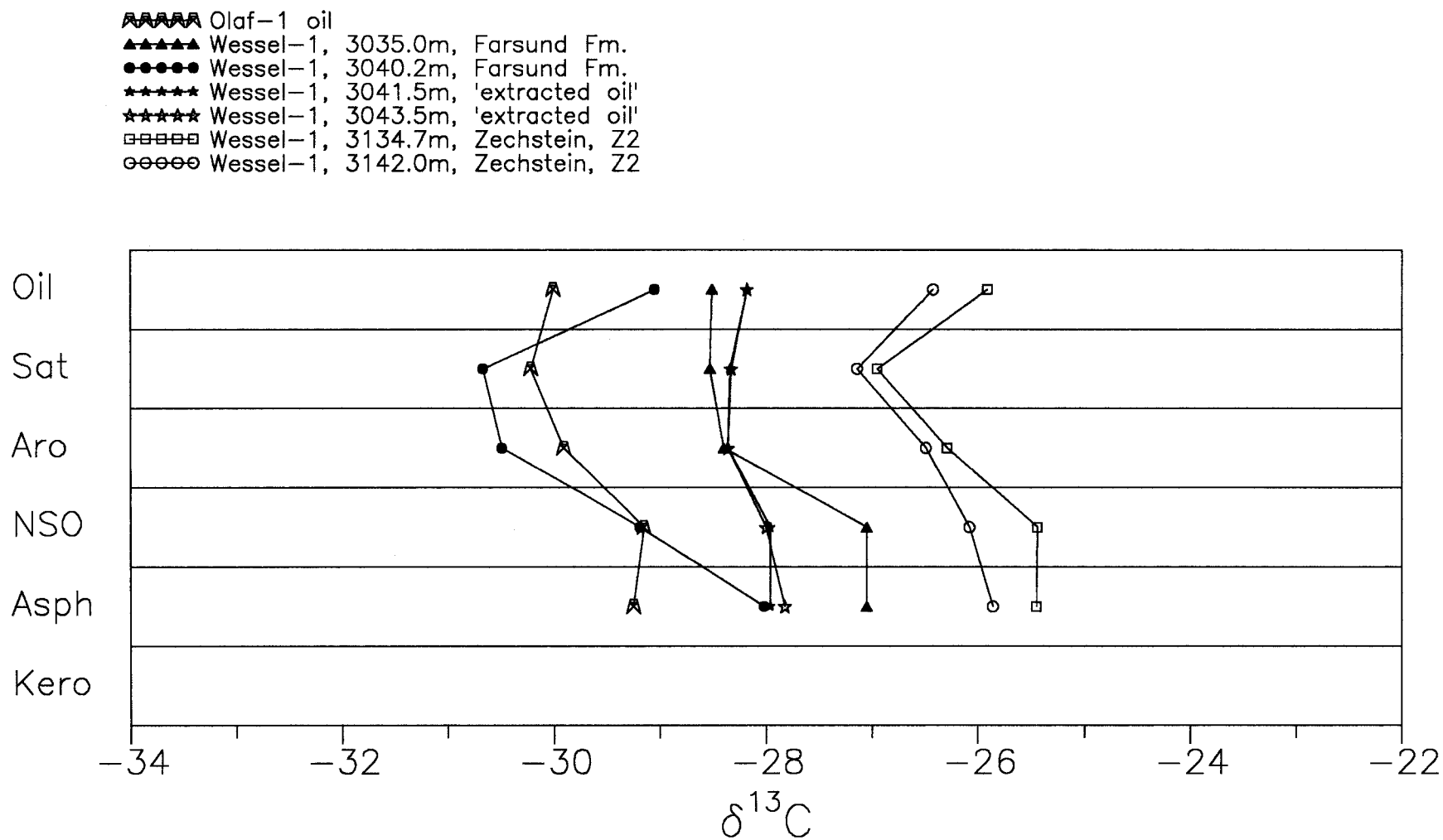

Olaf–1 oil
Wessel–1, 3035.0m, Farsund Fm.
Wessel–1, 3040.2m, Farsund Fm.
Wessel–1, 3041.5m, 'extracted oil'
Wessel–1, 3043.5m, 'extracted oil'
Wessel–1, 3134.7m, Zechstein, Z2
Wessel–1, 3142.0m, Zechstein, Z2
Oil
Sat
Aro
NSO
Asph
Kero
−34
−32
−30
−28
−26
−24
−22
δ13C

Fig. 9

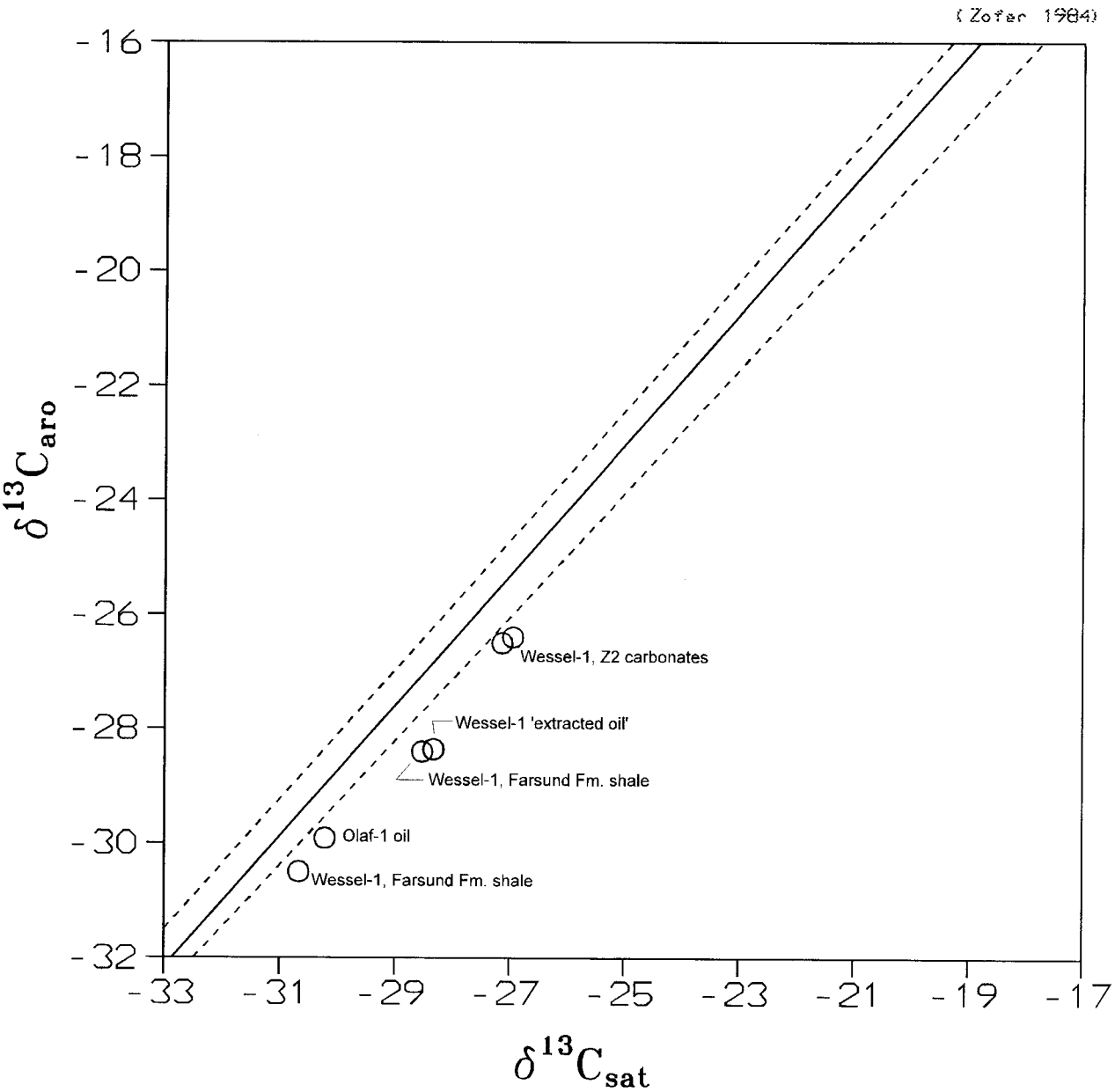

(Zofer 1984)
-16
-18
-20
-22
-24
-26
-28
-30
-32
$\delta^{13}C_{aro}$
-33
-31
-29
-27
-25
-23
-21
-19
-17
$\delta^{13}C_{sat}$
Wessel-1, Z2 carbonates
Wessel-1 'extracted oil'
Wessel-1, Farsund Fm. shale
Olaf-1 oil
Wessel-1, Farsund Fm. shale

Fig. 10

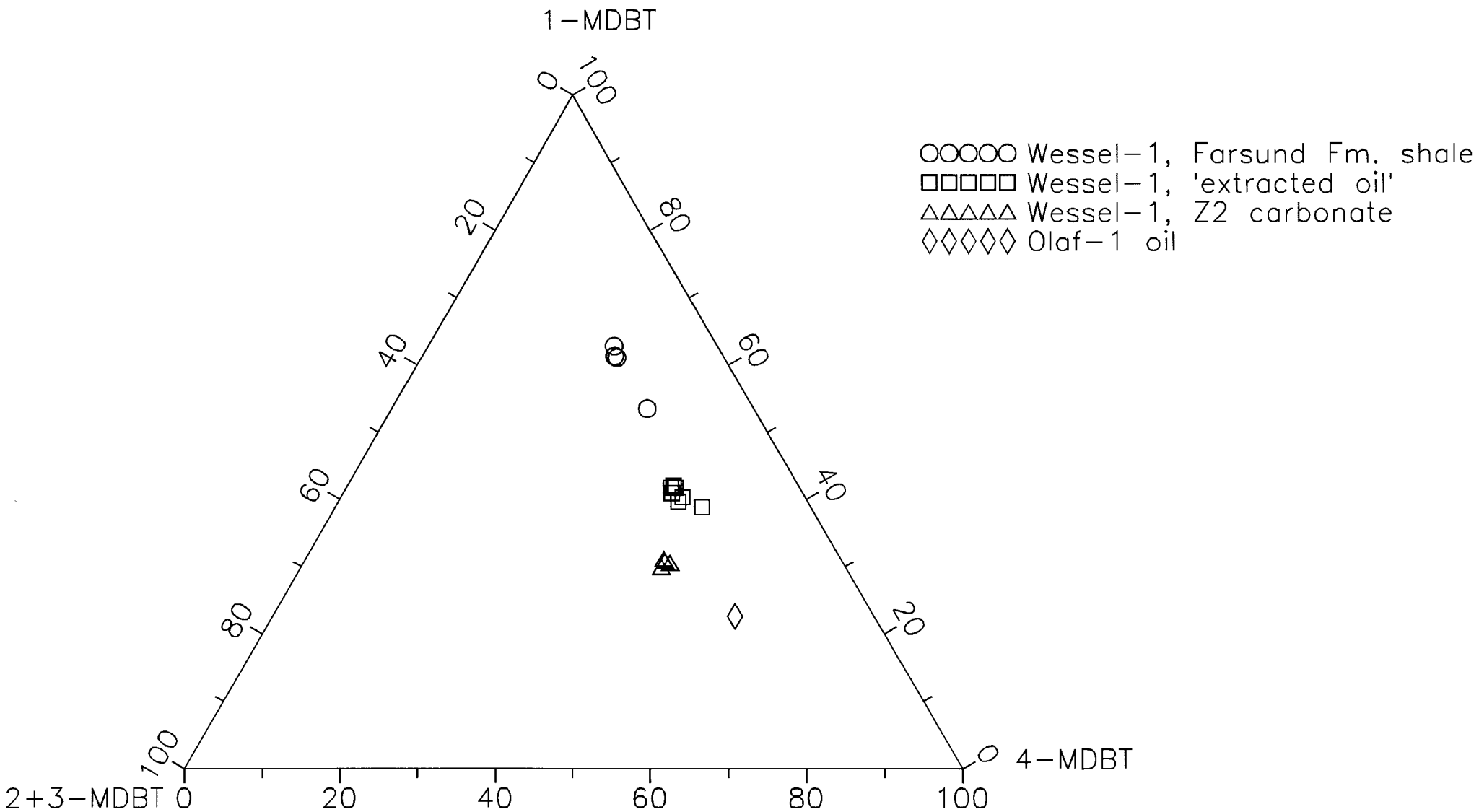

1−MDBT
0
100
20
80
40
60
60
40
80
20
100
0
2+3−MDBT 0
20
40
60
80
100
4−MDBT
OOOOO Wessel−1, Farsund Fm. shale
□□□□□ Wessel−1, 'extracted oil'
ΔΔΔΔΔ Wessel−1, Z2 carbonate
◊◊◊◊◊ Olaf−1 oil

Fig. 11

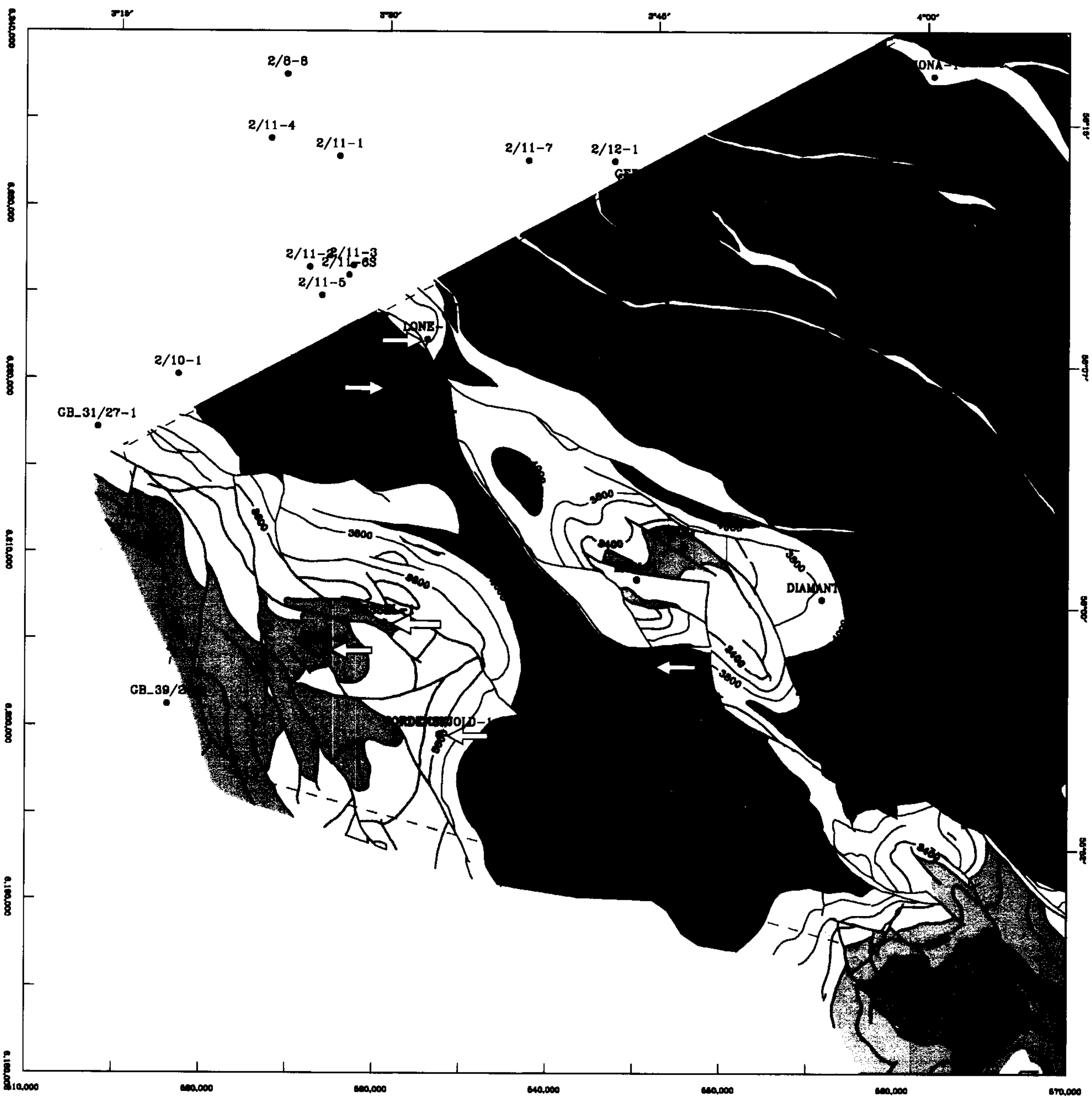

2/8-8
2/11-4
2/11-1
2/11-7
2/12-1
2/11-5
2/10-1
GB_31/27-1
DIAMANT
3800
3600
3400

Fig. 12

Tables

TABLE 1, Geochemical screening data.

Depth (m)	RSWC #	Lab. #	TOC (wt-%)	TC (wt-%)	TS (wt-%)	TS/TOC	Tmax (°C)	S1 (mg/g)	S2 (mg/g)	PI	PC	HI	
3031,9	20	97036-22	4,11	5,20	4,36	1,06	430	2,44	22,34	0,10	2,06	544	U. Jur. Shale
3033,6	19	97036-21	6,55	8,00	5,10	0,78	427	3,16	33,62	0,09	3,05	513	U. Jur. Shale
3035,0	18	97036-20	8,13	9,70	3,99	0,49	427	4,51	41,78	0,10	3,84	514	U. Jur. Shale
3037,0	17	97036-19	3,78	4,88	3,19	0,84	430	1,68	19,78	0,08	1,78	524	U. Jur. Shale
3040,2	15	97036-18	4,25	5,70	4,03	0,95	428	3,28	22,62	0,13	2,15	533	U. Jur. Shale
3041,0	14	97036-17	0,34	1,42	1,11	3,26	420	0,61	0,76	0,45	0,11	226	U. Jur. Sand
3117,0	13	97036-16	0,01	0,28	18,30	1830,00		0,02	0,04	0,33	0,00		Zech. undiff.
3117,5	12	97036-15	0,21	0,70	3,69	17,57	365	0,61	2,40	0,20	0,25	1148	Zech. undiff.
3120,0	11	97036-14	0,14	0,82	5,72	40,86	360	0,11	0,56	0,16	0,06	391	Zech. undiff.
3124,0	10	97036-13	0,24	10,20	4,65	19,38	425	0,80	1,04	0,43	0,15	427	Zech. undiff.
3127,5	9	97036-12	0,57	8,40	0,91	1,60	435	0,82	2,12	0,28	0,24	375	Zech. undiff.
3134,7	8	97036-11	1,86	11,00	3,36	1,81	429	5,87	7,78	0,43	1,13	418	Z2 dolomites
3135,5	7	97036-10	2,12	11,50	1,26	0,59	429	5,79	8,94	0,39	1,22	422	Z2 dolomites
3136,6	6	97036-09	1,12	10,60	3,24	2,89	427	2,97	3,76	0,44	0,56	336	Z2 dolomites
3137,5	5	97036-08	0,58	11,50	1,28	2,21	429	1,55	2,00	0,44	0,29	342	Z2 dolomites
3138,7	4	97036-07	0,17	9,80	5,43	31,94	426	0,37	0,48	0,44	0,07	276	Z2 dolomites
3139,5	3	97036-06	0,85	9,00	5,86	6,89	428	1,83	2,42	0,43	0,35	283	Z2 dolomites
3141,0	2	97036-05	0,71	12,20	1,12	1,58	427	1,74	2,72	0,39	0,37	383	Z2 dolomites
3141,5	1	97036-04	0,80	11,80	1,23	1,54	425	1,26	2,70	0,32	0,33	337	Z2 dolomites

Table 2, Extraction and group type fractionation data

Depth (m)	RSWC #	Lab. #	Yield (mg/g OC)	Asph. (%)	saturates (%)	aromatics (%)	NSO (%)	sat/aro	HC/non-HC
3031,9	20	97036-22	116	8,2	11,2	20,4	56,5	0,55	0,48
3035,0	18	97036-20	105	6,2	14,9	18,6	57,9	0,80	0,52
3037,0	17	97036-19	129	7,3	25	17,5	59,5	1,43	0,63
3040,2	15	97036-18	273	8	9,2	17,3	57,4	0,53	0,40
3041,5		97036-01	n.a.	5,2	39,7	19,6	40,7	2,03	1,28
3042,5		97036-02	n.a.	5,1	30,9	22,5	46,6	1,37	1,03
3043,5		97036-03	n.a.	5,5	33,2	25,2	41,6	1,32	1,23
3044,5		97036-23	n.a.	7,2	29,8	20,8	49,4	1,43	0,89
3134,7	8	97036-11	588	15,9	25,3	5,6	85,2	4,52	0,30
3135,5	7	97036-10	350	12,3	23	13,7	61,3	1,68	0,49
3136,6	6	97036-09	484	20	23,5	11,6	73,5	2,03	0,36
3141,0	2	97036-05	373	21,5	23,1	6	82,8	3,85	0,26

Table 3, GC data

Depth (m)	RSWC #	Lab. #	pr/ph	pr/n17	ph/n18	iso/nC	Philippi	CPI	Waxiness
3031.9	20	97036-22	1.01	1.15	1.45	0.68	1.63	1.22	0.29
3035.0	18	97036-20	1.08	1.13	1.38	0.69	1.61	1.07	0.29
3037.0	17	97036-19	1.20	1.08	1.14	0.53	1.44	1.06	0.29
3040.2	15	97036-18	1.39	1.54	1.29	0.72	1.35	0.94	0.22
3041.5		97036-01	0.81	0.78	1.03	0.66	1.01	0.92	0.14
3042.5		97036-02	0.79	0.78	1.05	0.64	1.02	0.93	0.14
3043.5		97036-03	0.82	0.77	1.03	0.67	1.02	0.92	0.16
3044.5		97036-23	0.77	0.82	1.09	0.61	1.04	0.92	0.22
3134.7	8	97036-11	0.45	0.33	0.81	0.38	1.05	0.95	0.23
3135.5	7	97036-10	0.46	0.33	0.80	0.38	1.02	0.96	0.24
3136.6	6	97036-09	0.45	0.33	0.80	0.37	1.12	1.01	0.20
3141.0	2	97036-05	0.46	0.40	0.95	0.44	1.01	0.96	0.21
Olaf-1 oil sample			1.28	0.69	0.57	0.38	1.11	0.95	0.09

Table 4, Key terpane data

Depth (m)	RSWC #	Lab. #	T23/H30	T23/Te24	H29/H30	G/H30	H30N/H30	HOEP
3031,9	20	97036-22	0,09	2,17	0,37	0,06	0,03	1,30
3035,0	18	97036-20	0,13	2,50	0,59	0,09	0,03	1,47
3037,0	17	97036-19	0,10	2,00	0,66	0,08	0,02	1,43
3040,2	15	97036-18	0,20	3,75	0,56	0,05	0,03	1,28
3041,5		97036-01	0,13	1,33	0,49	0,07	0,03	1,05
3042,5		97036-02	0,13	1,33	0,52	0,07	0,03	0,99
3043,5		97036-03	0,13	1,43	0,51	0,08	0,03	1,01
3044,5		97036-23	0,12	1,42	0,52	0,08	0,04	1,03
3134,7	8	97036-11	0,72	4,15	0,90	0,12	0,10	1,14
3135,5	7	97036-10	0,72	4,36	0,87	0,12	0,10	1,11
3136,6	6	97036-09	0,88	4,59	0,95	0,13	0,11	1,13
3141,0	2	97036-05	0,72	3,41	0,93	0,17	0,11	1,09
Olaf-1 oil sample			0,23	1,65	0,51	0,03	0,03	1,14

T23/H30 = C_{23} tricyclic triterpane to C_{30} hopane ratio
T23/Te24 = C_{23} tricyclic triterpane to C_{24} tetraccylic terpane ratio
H29/H30 = norhopane to hopane ratio
G/H30 = gammacerane to hopane ratio
H30N/H30 = C_{30} -30-norhopane to hopane ratio
HOEP = Homohopane Odd/Even Predominance (Bishop & Farrimond 1995)

Table 5, Key sterane data

Depth (m)	RSWC #	Lab. #	D27/S27	S27 (%)	S28 (%)	S29 (%)	S27/S29	C30 steranes
3031,9	20	97036-22	0,58	41,3	25,5	33,2	1,24	Present
3035,0	18	97036-20	0,75	47,4	21,6	31,0	1,53	Present
3037,0	17	97036-19	0,69	44,7	23,1	32,2	1,39	Present
3040,2	15	97036-18	0,80	44,7	21,6	33,7	1,32	Present
3041,5		97036-01	1,02	46,5	19,7	33,8	1,38	Present
3042,5		97036-02	1,07	46,2	20,7	33,1	1,39	Present
3043,5		97036-03	1,05	44,9	19,9	35,3	1,27	Present
3044,5		97036-23	0,99	45,6	20,3	34,2	1,33	Present
3134,7	8	97036-11	0,15	39,2	14,8	46,0	0,85	Traces
3135,5	7	97036-10	0,15	38,3	16,0	45,6	0,84	Traces
3136,6	6	97036-09	0,15	40,8	16,3	42,9	0,95	Traces
3141,0	2	97036-05	0,17	34,3	16,9	48,8	0,70	Traces
Olaf-1 oil sample			1,77	50,9	21,1	28,1	1,81	Present

D27/S27 = Ratio of C_{27} diasteranes to C_{27} regular steranes
S27 (%), S28 (%), S29)(%) = Relative distribution of C_{27-29} regular steranes based on aaaR isomers in m/z 217
S27/S29 = Ratio of C_{27} to C_{29} regular steranes

Table 6, Biological marker maturity indicators

Depth (m)	RSWC #	Lab. #	S29 S/(S+R)	S29 ββ/(ββ+αα)	H31 S/(S+R)	H32 S/(S+R)	Ts/(Ts+Tm)
3031,9	20	97036-22	0,24	0,24	0,57	0,54	0,41
3035	18	97036-20	0,27	0,26	0,59	0,56	0,36
3037	17	97036-19	0,25	0,26	0,58	0,56	0,43
3040,2	15	97036-18	0,30	0,25	0,60	0,58	0,33
3041,5		97036-01	0,46	0,60	0,60	0,61	0,42
3042,5		97036-02	0,47	0,58	0,60	0,60	0,42
3043,5		97036-03	0,46	0,58	0,58	0,59	0,41
3044,5		97036-23	0,44	0,59	0,59	0,61	0,43
3134,7	8	97036-11	0,43	0,61	0,59	0,59	0,33
3135,5	7	97036-10	0,43	0,63	0,57	0,60	0,33
3136,6	6	97036-09	0,46	0,62	0,58	0,59	0,33
3141	2	97036-05	0,47	0,64	0,60	0,61	0,31
Olaf-1 oil sample			0,52	0,64	0,63	0,62	0,62

S29 S/(S+R) = C_{29} sterane 20S/(20S+20R)
S29 ββ(/ββ+αα) = C_{29} sterane αββ/(αββ+ααα)
H31 S/(S+R) = homohopane 22S/(22S+22R)
H32 S/(S+R) = bishomohopane 22S/(22S+22R)

Table 7, normalized distribution of homohopanes (20S+20R)

Depth (m)	RSWC #	Lab. #	H31 (%)	H32 (%)	H33 (%)	H34 (%)	H35 (%)
3031,9	20	97036-22	34,83	18,62	18,62	12,07	12,76
3035	18	97036-20	28,24	17,81	21,37	11,70	17,30
3037	17	97036-19	29,32	17,13	20,43	12,52	17,46
3040,2	15	97036-18	28,27	16,82	20,21	15,77	17,17
3041,5		97036-01	33,02	21,93	16,04	12,30	13,90
3042,5		97036-02	33,03	22,19	14,97	12,39	14,71
3043,5		97036-03	31,77	22,74	15,88	12,20	14,49
3044,5		97036-23	32,06	21,87	15,97	12,78	14,37
3134,7	8	97036-11	30,61	21,23	17,15	11,54	16,59
3135,5	7	97036-10	30,12	21,86	16,84	11,50	16,76
3136,6	6	97036-09	31,59	21,03	16,73	11,73	15,95
3141	2	97036-05	28,74	19,50	15,80	13,11	18,66
Olaf-1 oil sample			52,10	23,95	12,94	5,18	3,24

Table 8, aromatic secohopanes

Depth (m)	RSWC #	Lab. #	C_{29} DSH/SH	C_{30} DSH/SH	SH C_{29}/C_{30}	SH HOEP
3031.9	20	97036-22	0.2	0.09	0.75	1.77
3035	18	97036-20	0.21	0.11	0.88	1.93
3037	17	97036-19	0.16	0.11	1.05	1.84
3040.2	15	97036-18	0.12	0.09	0.95	1.53
3041.5		97036-01	0.08	0.06	1.11	1.39
3041.5	2nd anal.	97036-01	0.07	0.06	1.10	1.41
3042.5		97036-02	0.08	0.06	1.14	1.34
3042.5	2nd anal.	97036-02	0.07	0.06	1.10	1.4
3043.5		97036-03	0.07	0.06	1.18	1.41
3043.5	2nd anal.	97036-03	0.06	0.06	1.13	1.42
3044.5		97036-23	0.1	0.07	0.92	1.46
3134.7	8	97036-11	0.04	0.04	0.75	1.72
3135.5	7	97036-10	0.05	0.04	0.70	1.72
3136.5	6	97036-09	0.05	0.04	0.76	1.69
3141	2	97036-05	0.08	0.05	0.53	1.52
Olaf-1 oil			0.46	0.30	0.94	1.88

SH = Ring-D aromatised secohopanes
DSH = Demethylated ring-D aromatised secohopanes
HOEP = Homohopane odd - even preference (Bishop & Farrimond 1996), calculated for aromatic secohopanes

Table 9, Stable Carbon isotopic data ($\delta^{13}C$)

Depth (m)	RSWC #	Lab. #	C_5EOM	Asph.	Saturates	Aromatics	NSO
3035,0	18	97036-20	-28,51	-27,05	-28,53	-28,40	-27,05
3040,2	15	97036-18	-29,05	-28,02	-30,67	-30,49	-29,19
3041,5		97036-01	-28,18[a]	-27,96	-28,34	-28,36	-27,96
3043,5		97036-03	-28,18[a]	-27,82	-28,33	-28,36	-28,00
3134,7	8	97036-11	-25,91	-25,45	-26,95	-26,29	-25,44
3141,0	2	97036-05	-26,42	-25,86	-27,14	-26,49	-26,08

	Oil (C_{15+})	Asph.	Saturates	Aromatics	NSO
Olaf-1 oil, Farsund Fm. source	-30,01	-29,25	-30,22	-29,91	-29,15

[a]: calculated value

Table 10, methyl- and dimethyl-dibenzothiophenes

Depth	RSWC #	Lab. #	Methydilbenzothiophenes (MDBT)			Dimethyldibenzothiophenes (DMDBT)			
(m)			4-methyl	2-methyl + 3-methyl	1-methyl	4,6-dimethyl	1,4-dimethyl	4-MDBT / 1-MDBT	4,6-DMDBT / 1,4-DMDBT
3031.9	20	97036-22	25.2	13.7	61.1	23.2	76.8	0.41	0.30
3035	18	97036-20	24.0	13.2	62.8	20.9	79.1	0.38	0.26
3037	17	97036-19	24.8	13.8	61.3	22.6	77.4	0.41	0.29
3040.2	15	97036-18	32.9	13.6	53.5	27.9	72.1	0.62	0.39
3041.5		97036-01	44.0	15.6	40.3	41.8	58.2	1.09	0.72
3041.5	2nd anal.	97036-01	43.8	16.6	39.6	42.4	57.6	1.10	0.74
3042.5		97036-02	42.0	16.0	42.0	40.8	59.2	1.00	0.69
3042.5	2nd anal.	97036-02	42.4	16.0	41.7	40.4	59.6	1.02	0.68
3043.5		97036-03	41.8	16.5	41.7	40.2	59.8	1.00	0.67
3043.5	2nd anal.	97036-03	42.3	16.9	40.9	41.1	58.9	1.03	0.70
3044.5		97036-23	47.2	14.1	38.8	44.4	55.6	1.22	0.80
3134.7	8	97036-11	46.2	22.7	31.1	50.4	49.6	1.49	1.02
3135.5	7	97036-10	46.5	22.8	30.8	50.6	49.4	1.51	1.02
3136.5	6	97036-09	46.5	23.6	29.9	49.8	50.2	1.56	0.99
3141	2	97036-05	47.3	22.2	30.5	51.6	48.4	1.55	1.07
Olaf-1 oil			59.5	18.1	22.4	55.6	44.4	2.66	1.25

Appendix 1

Gas Chromatograph operation conditions:

Gas Chromatograph: Hewlett-Packard 5890 Series II plus, splitless injection, flame ionization detector (FID)
Column: 25m HP-1 WCOT
Temperature program: 80 - 300 °C at 5 °C/min, isothermal 300 °C for 15 min.

Gas Chromatograph - Mass Spectrometer operation conditions:

Gas Chromatograph: Hewlett-Packard 5890A Series II, splitless injection
Mass Spectrometer: Hewlett-Packard 5971A quadropole mass selective detector (MSD)
Column: 25m HP-5 WCOT
Temperature program: 70 - 100 °C at 30 °C/min, 100 - 300 °C at 4 °C/min, isothermal 300 °C for 12 min.

Appendix 2

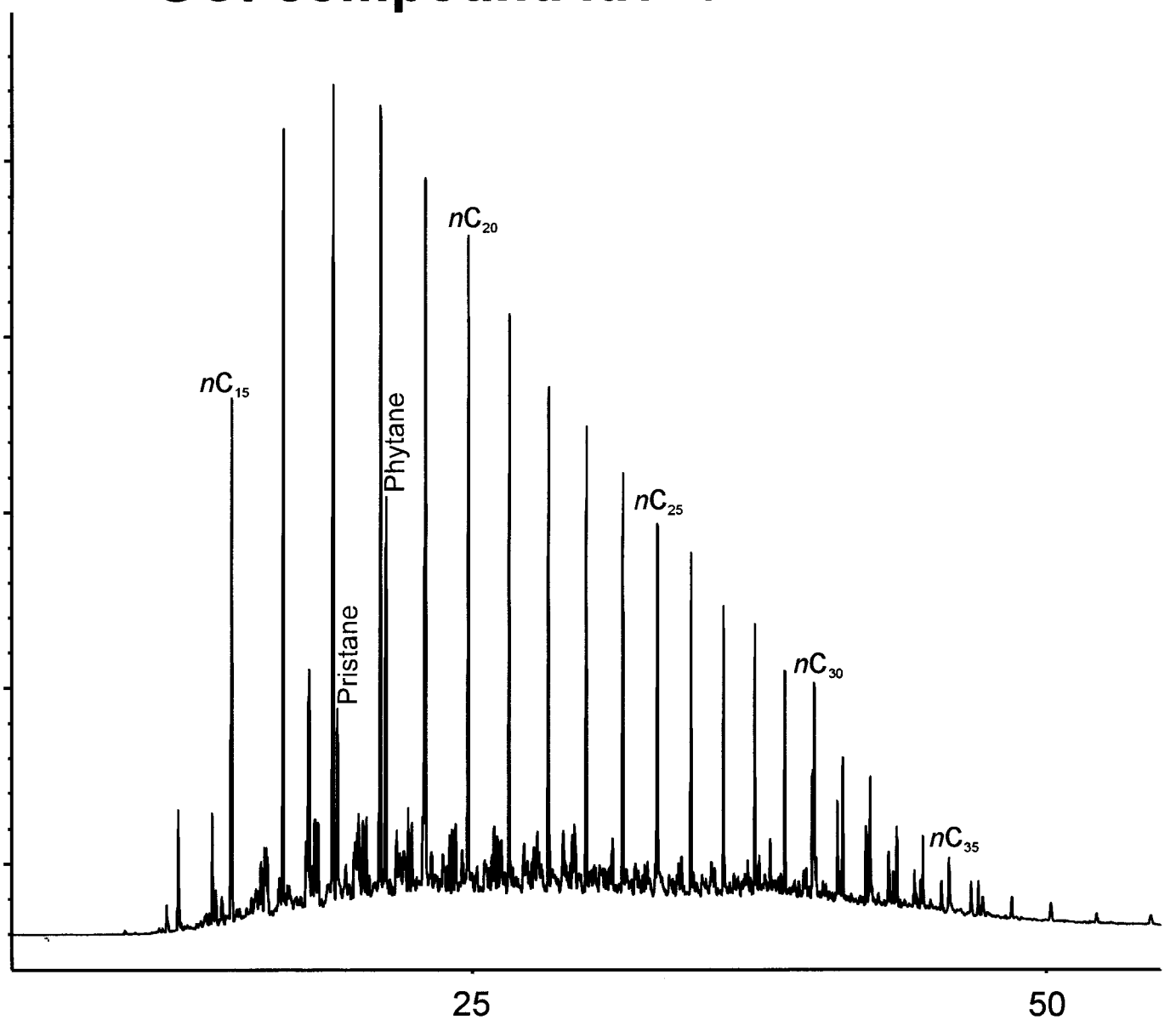
GC compound identification

Saturated biological marker identification key

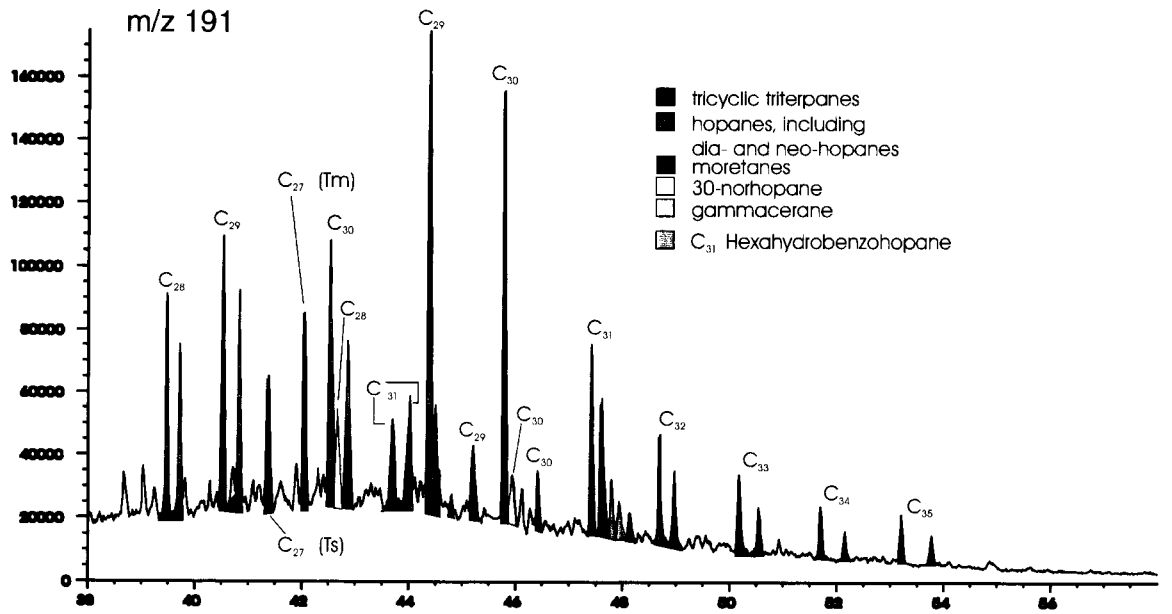
Aromatic biological marker identification key

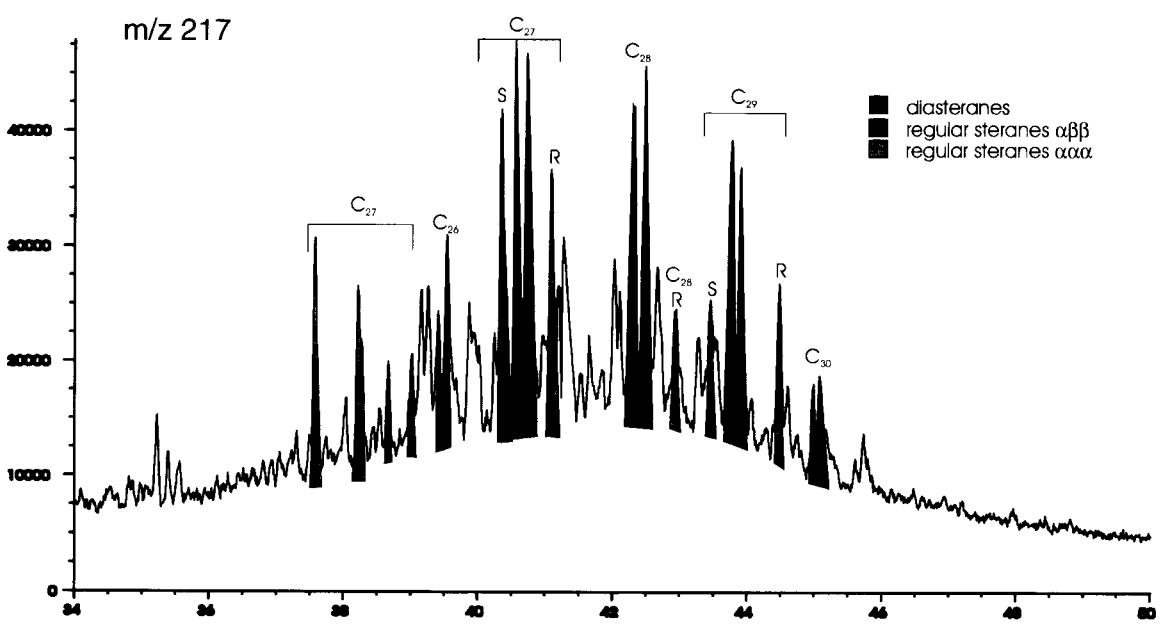
Dibenzothiophene identification key

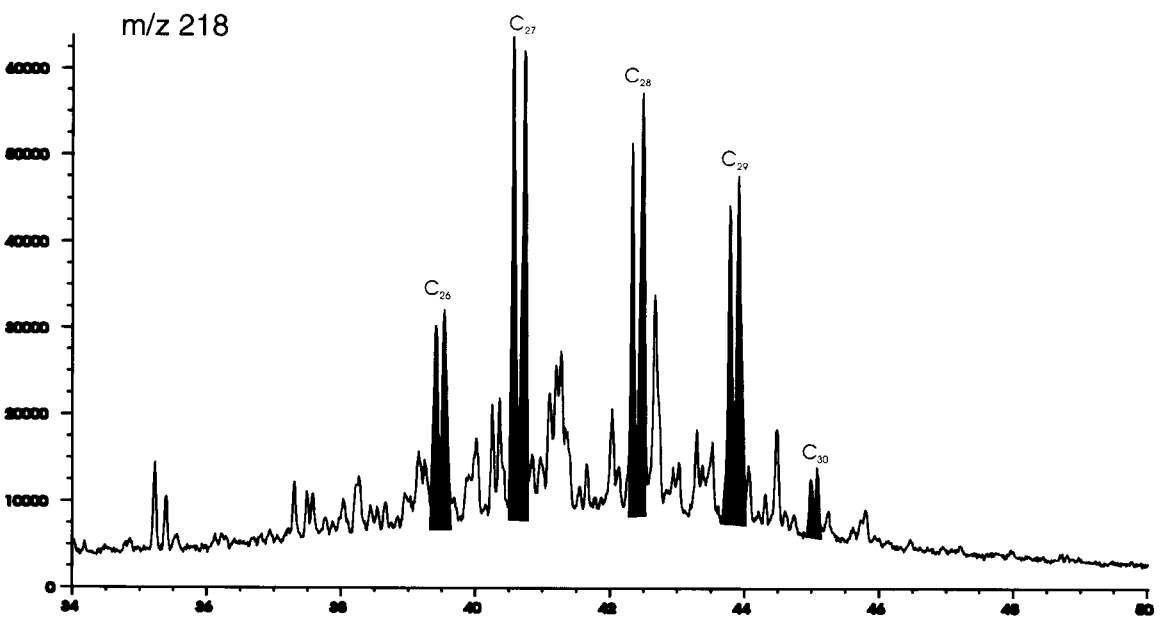
GC: compound identification



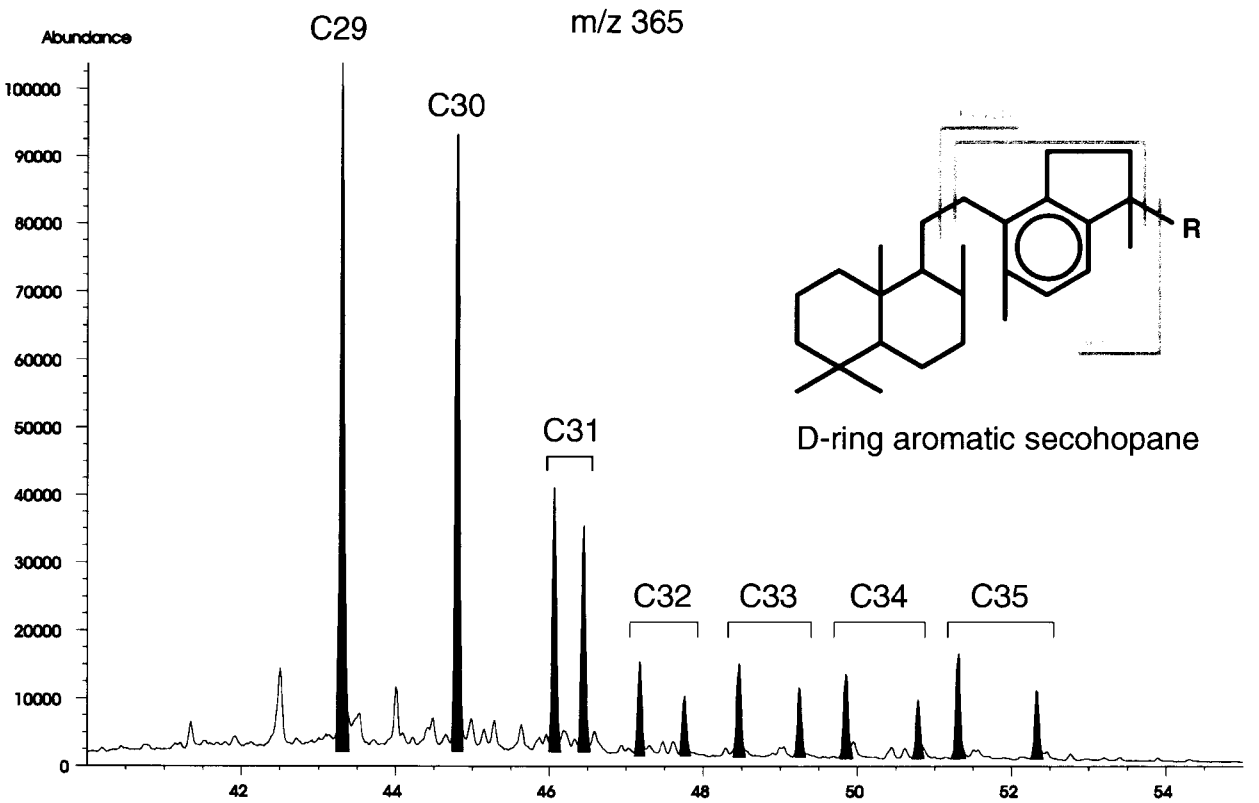
Biomarker identification key:

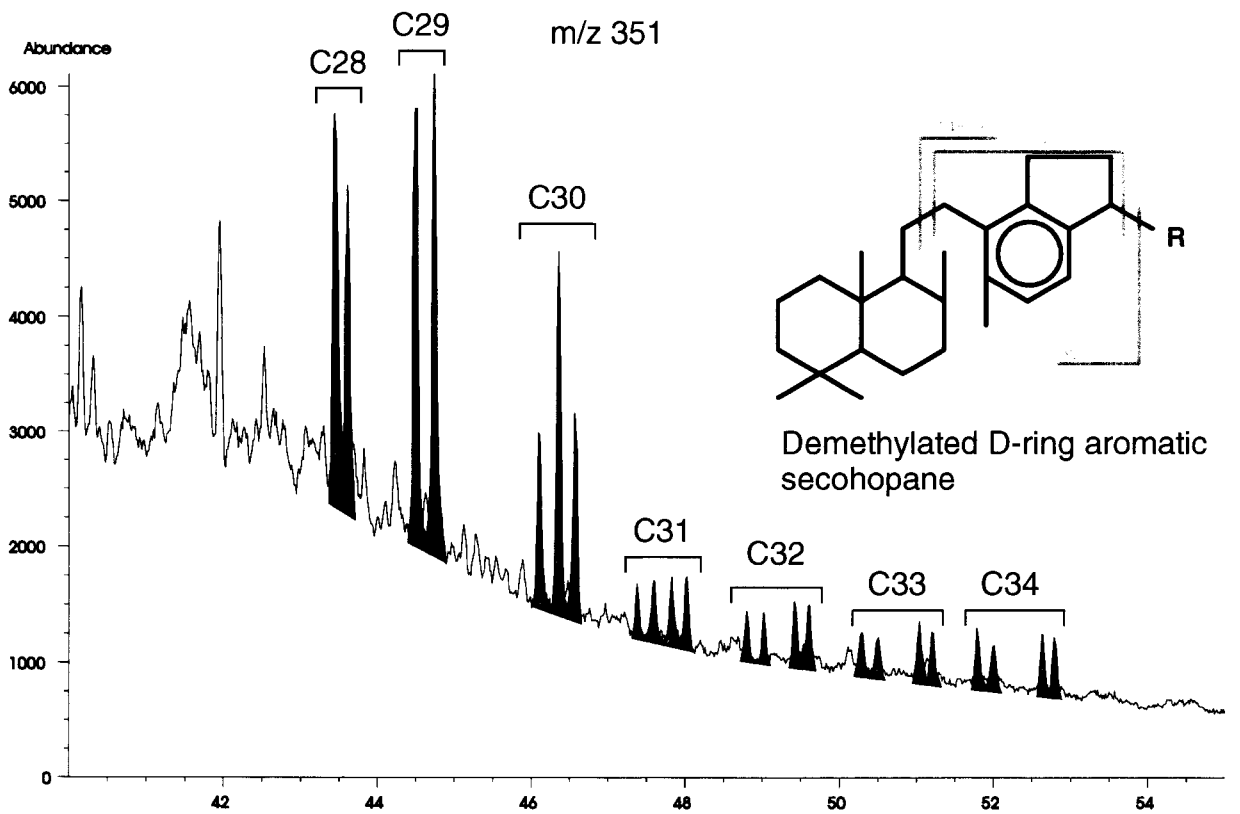




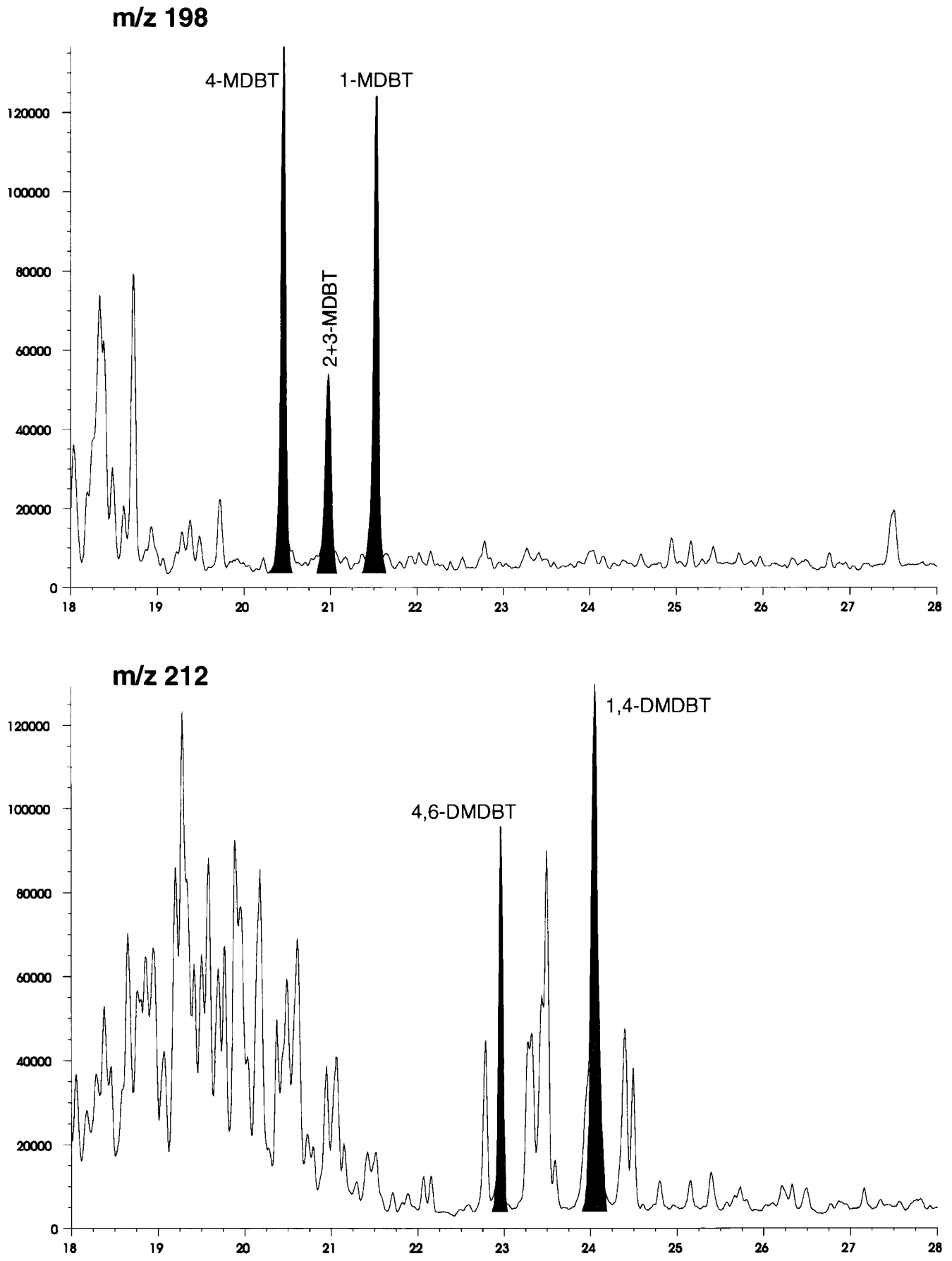


Aromatic 8,14-secohopanes





Methyldibenzothiophenes (MDBT) and dimethyldibenzothiophenes (DMDBT)



Appendix 3

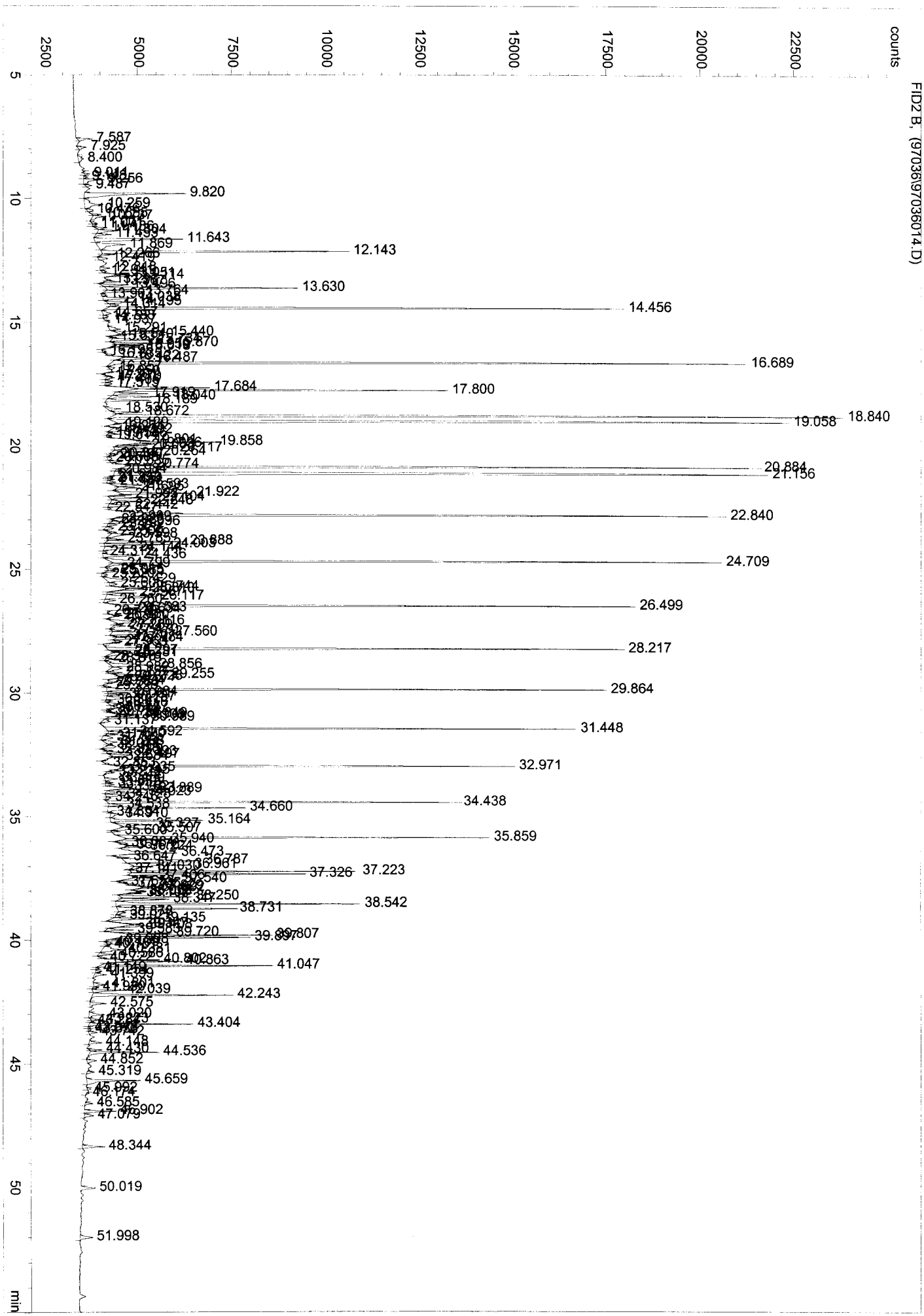
GC and GC-MS data:

97036-22, WESSEL-1, CORE 20, 3031.9 M, AMERADA HESS, GR OVKNUST, ALI: 2.8 MG, KØRT d. 18. DECEMBER 1997.

==========

Injection Date	: 18-12-97 11:24:40	Seq. Line	: 2
Sample Name	: 3031.9 M	Vial	: 2
Acq. Operator	: DD	Inj	: 1
		Inj Volume	: 1 µl
Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		

Metode baseret på Norsk Industristandard


2500
5000
7500
10000
12500
15000
17500
20000
22500
counts
FID2 B, (97036\97036014.D)
min
7.587
7.925
8.400
9.820
11.643
12.143
13.630
14.456
16.689
17.684
17.800
18.840
19.058
19.858
20.884
21.156
21.922
22.840
24.709
26.499
28.217
29.864
31.448
32.971
34.438
34.660
35.164
35.859
37.223
38.542
41.047
42.243
43.404
44.536
45.659
48.344
50.019
51.998

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	7.587	PBA	0.0667	2059.81104	416.40628	0.15507
2	7.925	PBA	0.0822	1600.51038	255.21638	0.12049
3	8.400	PBA	0.1620	1901.42566	144.06082	0.14315
4	9.011	BBA	0.0900	1013.50049	147.85081	0.07630
5	9.148	BB	0.0380	262.04456	109.36928	0.01973
6	9.256	VB	0.0617	2420.19922	546.08594	0.18220
7	9.487	VB	0.0424	549.99341	181.26674	0.04141
8	9.820	PB	0.0633	1.21888e4	2716.42187	0.91761
9	10.259	VB	0.1057	4122.50342	502.70258	0.31036
10	10.476	VB	0.0557	725.47607	177.36403	0.05462
11	10.655	VB	0.0338	531.77539	240.26271	0.04003
12	10.737	VB	0.0598	1573.02966	354.49911	0.11842
13	11.001	VB	0.0402	352.44894	131.73732	0.02653
14	11.071	VB	0.0411	305.44809	114.51865	0.02300
15	11.186	VB	0.0489	1074.45691	330.92957	0.08089
16	11.304	VB	0.0550	2192.71436	580.85406	0.16508
17	11.453	VB	0.0484	1348.90967	420.96484	0.10155
18	11.643	VB	0.0605	1.00411e4	2366.88818	0.75593
19	11.869	VB	0.0786	4696.28564	776.00983	0.35355
20	12.143	VB	0.0516	2.30239e4	6609.99707	1.73332
21	12.266	VB	0.0394	841.52399	322.62231	0.06335
22	12.419	VB	0.0562	1020.31818	263.44431	0.07681
23	12.818	PB	0.0512	931.02002	263.75656	0.07009
24	12.941	VB	0.0372	430.24857	150.97401	0.03239
25	13.051	VB	0.0318	765.55847	392.47726	0.05763
26	13.114	VB	0.0423	1658.83960	617.48138	0.12488
27	13.297	VB	0.0283	255.97395	118.06716	0.01927
28	13.367	VB	0.0419	1082.98560	383.84137	0.08153

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	13.496	VB	0.0494	2414.62817	733.26624	0.18178
30	13.630	VB	0.0515	1.68800e4	5118.29688	1.27078
31	13.764	VB	0.0472	2962.45898	980.81537	0.22302
32	13.903	VB	0.0450	431.26901	125.93316	0.03247
33	14.038	VB	0.0638	3456.47534	826.28076	0.26022
34	14.195	VB	0.0458	2408.15967	762.45746	0.18129
35	14.314	VB	0.0375	714.72961	235.03053	0.05381
36	14.456	VB	0.0456	4.10477e4	1.38375e4	3.09021
37	14.657	VB	0.0722	1253.33875	220.86292	0.09436
38	14.783	VB	0.0433	476.14804	134.49510	0.03585
39	14.937	VB	0.0349	267.94736	125.48335	0.02017
40	15.291	PB	0.0620	1460.68958	293.63007	0.10997
41	15.440	VB	0.0662	6418.04736	1333.47229	0.48317
42	15.540	VB	0.0346	551.99884	272.76089	0.04156
43	15.632	VB	0.0388	374.61560	151.67175	0.02820
44	15.734	VB	0.0545	4386.46484	1124.79614	0.33023
45	15.870	VB	0.0380	3685.08691	1536.80725	0.27743
46	15.950	VB	0.0344	1491.87952	713.00165	0.11231
47	16.018	VB	0.0350	1877.25537	840.85461	0.14133
48	16.195	VB	0.0386	277.07993	105.72989	0.02086
49	16.335	VB	0.0410	655.25690	231.44229	0.04933
50	16.422	VB	0.0315	581.29474	315.90015	0.04376
51	16.487	VB	0.0550	3014.40894	781.75085	0.22694
52	16.689	VB	0.0452	4.97047e4	1.69650e4	3.74194
53	16.857	VBA	0.0987	1564.27734	196.77698	0.11776
54	17.050	BBA	0.1108	1112.94897	122.76784	0.08379
55	17.201	BB	0.0429	370.32974	131.18701	0.02788
56	17.270	VB	0.0413	699.48578	213.23323	0.05266
57	17.406	VB	0.0484	638.17957	210.11919	0.04804
58	17.515	VB	0.0450	648.75647	193.95004	0.04884
59	17.684	VB	0.0483	6162.18213	2159.31323	0.46391
60	17.800	VB	0.0475	2.76084e4	8595.47266	2.07846
61	17.919	VB	0.0405	2538.23218	912.12164	0.19109
62	18.040	VB	0.0417	4230.68652	1558.33447	0.31850
63	18.189	VBA	0.0524	4436.29346	1191.65259	0.33398
64	18.530	PB	0.0510	1392.96118	377.89594	0.10487
65	18.672	VB	0.0398	1915.40955	775.99255	0.14420
66	18.840	VB	0.0491	6.37898e4	1.95355e4	4.80231
67	19.058	VB	0.0576	7.32737e4	1.79632e4	5.51630
68	19.129	VB	0.0247	310.07910	166.66013	0.02334
69	19.271	VB	0.0369	330.12115	154.70444	0.02485
70	19.392	VB	0.0545	1661.59827	425.94223	0.12509
71	19.478	VB	0.0253	149.65915	101.03069	0.01127
72	19.536	VB	0.0362	725.35614	323.40710	0.05461
73	19.614	VB	0.0322	301.46024	145.06161	0.02269
74	19.801	VB	0.0596	1579.28052	337.41519	0.11889
75	19.858	VB	0.0326	4063.23706	2011.79785	0.30589
76	19.936	VB	0.0354	1572.90613	668.62952	0.11841
77	20.003	VB	0.0326	1585.73755	819.85474	0.11938

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	20.117	VB	0.0401	4220.30908	1637.42078	0.31772
79	20.264	VB	0.0396	3220.36841	1269.03760	0.24244
80	20.347	VB	0.0299	380.31192	202.38605	0.02863
81	20.400	VB	0.0272	306.00214	168.34633	0.02304
82	20.500	VB	0.0528	529.35016	121.58430	0.03985
83	20.635	VB	0.0367	820.87988	334.05945	0.06180
84	20.774	VB	0.0239	931.83997	683.50952	0.07015
85	20.884	VB	0.0422	4.98300e4	1.70006e4	3.75137
86	20.984	VB	0.0385	312.35699	115.86847	0.02352
87	21.156	VB	0.0554	7.24501e4	1.74514e4	5.45429
88	21.215	VB	0.0256	138.79488	71.73191	0.01045
89	21.292	VB	0.0259	271.11987	151.40471	0.02041
90	21.356	VB	0.0285	372.77960	184.98679	0.02806
91	21.468	VB	0.0442	747.18665	240.89926	0.05625
92	21.593	VB	0.0649	3606.74390	752.61212	0.27153
93	21.695	VB	0.0534	1950.93860	524.30524	0.14687
94	21.922	VB	0.0513	6810.31982	1923.67395	0.51270
95	21.993	VB	0.0249	517.87872	338.16428	0.03899
96	22.104	VB	0.0428	3517.58203	1288.80151	0.26482
97	22.248	VB	0.0441	2741.19238	938.85443	0.20637
98	22.442	VB	0.0584	2591.81567	612.09943	0.19512
99	22.547	VB	0.0316	218.97191	86.32182	0.01648
100	22.840	VB	0.0425	4.50808e4	1.56816e4	3.39384
101	22.909	VB	0.0298	431.16046	202.56296	0.03246
102	23.023	VB	0.0286	291.36670	132.94247	0.02194
103	23.096	VB	0.0488	1760.95300	590.58313	0.13257
104	23.192	VB	0.0486	934.16766	261.68130	0.07033
105	23.328	VB	0.0552	995.20258	226.74388	0.07492
106	23.500	VB	0.0535	730.45337	183.29124	0.05499
107	23.598	VB	0.0690	2890.70068	544.06494	0.21762
108	23.785	VB	0.0412	1151.88147	430.34918	0.08672
109	23.888	VB	0.0589	7621.22168	2120.66724	0.57375
110	24.003	VB	0.0387	4418.66406	1735.14185	0.33265
111	24.144	VB	0.0568	3507.74219	839.08533	0.26407
112	24.312	VB	0.0358	290.94000	103.34029	0.02190
113	24.436	VB	0.0621	4129.92139	980.52100	0.31091
114	24.709	VB	0.0430	5.03155e4	1.62860e4	3.78792
115	24.799	VB	0.0583	1537.10938	330.06195	0.11572
116	25.015	VB	0.0445	743.08594	237.60388	0.05594
117	25.085	VB	0.0453	875.93005	289.43692	0.06594
118	25.220	VB	0.0481	625.65509	169.18192	0.04710
119	25.429	VB	0.0785	3873.70459	614.93909	0.29163
120	25.605	VB	0.0532	830.81195	196.81348	0.06255
121	25.744	VB	0.0438	2097.63818	770.43164	0.15792
122	25.810	VB	0.0553	2068.85449	614.84937	0.15575
123	25.967	VB	0.0379	1874.83032	783.45453	0.14114
124	26.117	VB	0.0669	6558.21777	1368.25745	0.49373
125	26.260	VB	0.0514	1202.11719	302.36984	0.09050
126	26.499	VB	0.0423	4.02420e4	1.36785e4	3.02955

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	26.583	VB	0.0265	385.96732	243.35010	0.02906
128	26.634	VB	0.0303	537.89325	294.33109	0.04049
129	26.710	VB	0.0381	225.61417	74.97623	0.01699
130	26.860	VB	0.0284	395.56668	226.70129	0.02978
131	26.901	VBA	0.1015	901.44720	107.90828	0.06786
132	27.116	BB	0.0704	3622.22485	656.56122	0.27269
133	27.220	VB	0.0261	264.41605	161.73503	0.01991
134	27.289	VBA	0.0821	1921.85339	315.54742	0.14468
135	27.470	PB	0.0358	1232.79663	536.34442	0.09281
136	27.560	VB	0.0662	7413.97168	1566.97644	0.55815
137	27.707	VB	0.0305	763.63318	395.21384	0.05749
138	27.784	VB	0.0417	1830.12988	566.99994	0.13778
139	27.894	VB	0.0416	572.42712	192.75883	0.04309
140	27.963	VBA	0.0737	1289.05554	225.36987	0.09704
141	28.217	BB	0.0439	4.00483e4	1.37862e4	3.01497
142	28.297	VB	0.0388	1252.58105	508.20248	0.09430
143	28.381	VB	0.0631	2253.69629	485.60651	0.16967
144	28.548	VB	0.0309	176.60724	86.22746	0.01330
145	28.619	VB	0.0320	563.36664	234.40111	0.04241
146	28.856	VB	0.0697	6418.89844	1193.50867	0.48324
147	28.982	VB	0.0801	1950.85095	299.05777	0.14687
148	29.157	VB	0.0365	908.07715	385.36682	0.06836
149	29.255	VB	0.0430	3796.32153	1385.97522	0.28580
150	29.328	VB	0.0253	595.49078	359.21201	0.04483
151	29.377	VB	0.0287	486.05508	287.20981	0.03659
152	29.524	VB	0.0388	699.82654	256.36456	0.05269
153	29.583	VB	0.0175	124.67841	107.49467	0.00939
154	29.728	VB	0.0276	369.33850	175.24672	0.02781
155	29.864	VB	0.0423	3.81176e4	1.33509e4	2.86963
156	29.984	VB	0.0356	1398.58276	613.13049	0.10529
157	30.061	VB	0.0377	1096.67944	462.58517	0.08256
158	30.187	VB	0.0641	2801.90918	603.67975	0.21094
159	30.307	VB	0.0259	388.27161	197.40141	0.02923
160	30.416	VB	0.0474	1154.64600	350.79791	0.08693
161	30.577	VB	0.0438	841.09918	290.38089	0.06332
162	30.643	VB	0.0286	229.70543	123.80983	0.01729
163	30.711	VB	0.0262	201.62596	122.38497	0.01518
164	30.768	VB	0.0289	273.36340	160.08200	0.02058
165	30.849	VB	0.0324	1223.74121	608.88477	0.09213
166	30.908	VB	0.0319	1115.19543	567.34912	0.08396
167	30.989	VB	0.0374	2505.00220	1067.87744	0.18859
168	31.137	VB	0.0556	1044.77087	231.94426	0.07865
169	31.448	VB	0.0431	3.77021e4	1.25455e4	2.83834
170	31.592	VB	0.0412	1894.77661	731.76276	0.14265
171	31.670	VB	0.0323	731.84198	337.69434	0.05510
172	31.791	VB	0.0749	1689.18506	281.90854	0.12717
173	31.968	VB	0.0575	1601.15491	348.87845	0.12054
174	32.078	VB	0.0245	180.39890	113.46887	0.01358
175	32.166	VB	0.0739	1654.24023	288.46643	0.12454

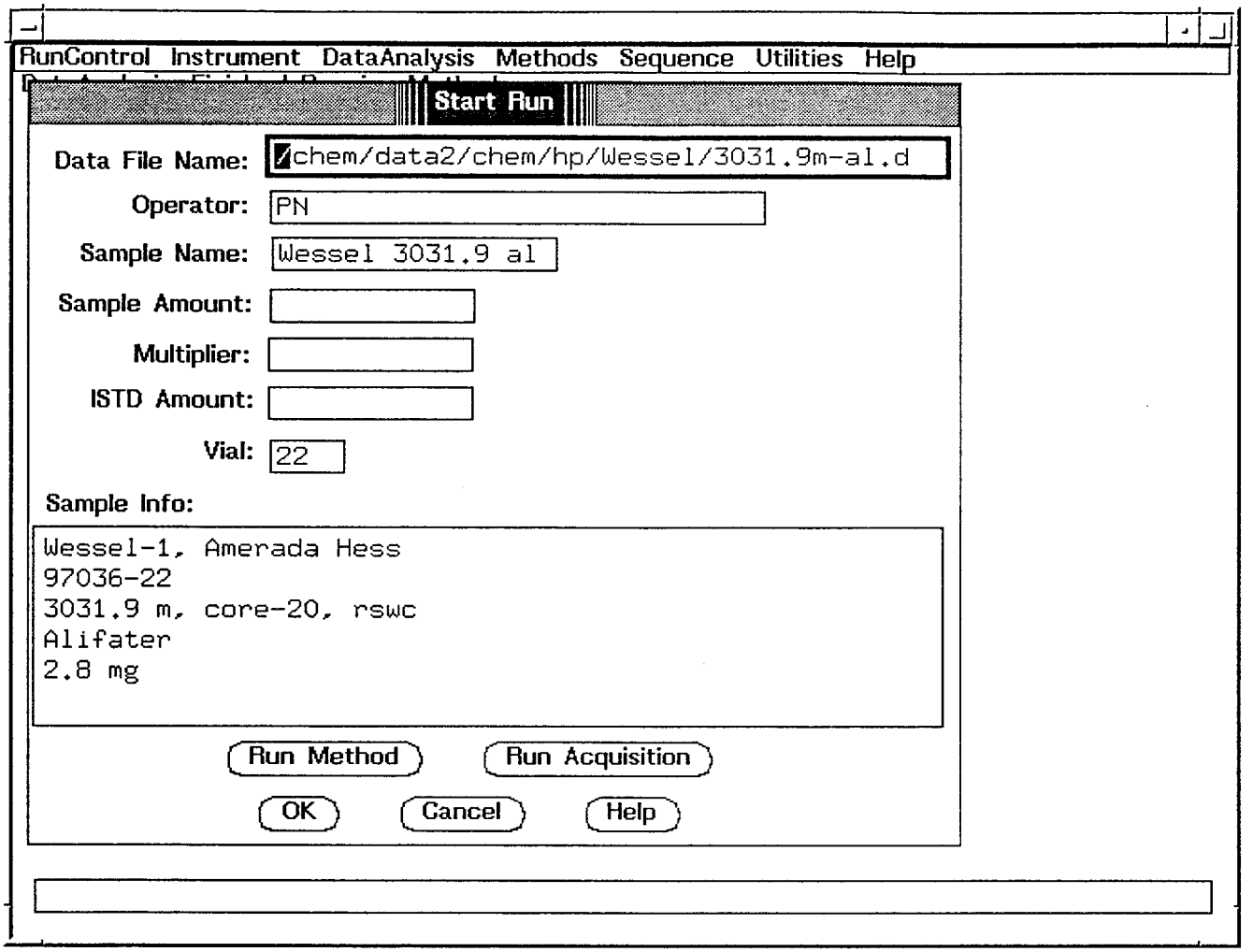
Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	32.320	VB	0.0390	538.16730	216.28200	0.04052
177	32.393	VB	0.0368	1474.19812	619.56854	0.11098
178	32.497	VB	0.0476	2089.00146	614.73950	0.15727
179	32.584	VB	0.0435	734.00739	263.75601	0.05526
180	32.853	VB	0.0330	248.13754	99.79539	0.01868
181	32.971	VB	0.0406	3.03722e4	1.05342e4	2.28652
182	33.035	VB	0.0278	270.55173	132.36600	0.02037
183	33.145	VB	0.0320	653.88477	332.05566	0.04923
184	33.222	VBA	0.0778	1438.77686	227.40636	0.10832
185	33.469	PBA	0.0732	2016.05005	349.84445	0.15178
186	33.632	PB	0.0307	433.25903	213.59602	0.03262
187	33.710	VB	0.0407	688.30798	238.20995	0.05182
188	33.821	VB	0.0302	586.23718	260.65604	0.04413
189	33.889	VB	0.0389	2429.50171	979.92120	0.18290
190	34.023	VB	0.0435	2697.16309	1032.46008	0.20305
191	34.128	VB	0.0536	2025.14807	496.09991	0.15246
192	34.246	VB	0.0483	491.20297	129.40056	0.03698
193	34.438	VB	0.0413	2.59856e4	9380.14551	1.95628
194	34.538	VB	0.0466	1297.30188	381.97952	0.09767
195	34.660	VB	0.0516	1.24629e4	3674.19800	0.93825
196	34.854	VB	0.0254	155.72461	88.97803	0.01172
197	34.910	VBA	0.0945	2098.61841	286.33273	0.15799
198	35.164	BB	0.0462	7739.68945	2492.51489	0.58267
199	35.327	VB	0.0539	3849.40454	919.18317	0.28980
200	35.507	VB	0.0584	4036.62817	1014.40778	0.30389
201	35.600	VBA	0.0654	1359.37646	254.14641	0.10234
202	35.859	PB	0.0438	2.90333e4	9734.05957	2.18573
203	35.940	VB	0.0409	3331.89062	1180.72156	0.25084
204	36.084	VB	0.0473	736.86621	213.28745	0.05547
205	36.176	VB	0.0243	231.05960	126.58783	0.01739
206	36.224	VB	0.0383	1295.00000	554.12183	0.09749
207	36.473	VB	0.0397	2458.81396	877.55658	0.18511
208	36.647	VB	0.0335	795.82745	314.25558	0.05991
209	36.787	VB	0.0782	1.25143e4	2051.48950	0.94212
210	36.961	VB	0.0587	6721.77393	1545.73645	0.50604
211	37.030	VB	0.0421	1521.96863	520.27289	0.11458
212	37.141	VB	0.0174	54.17086	55.20432	0.00408
213	37.223	VB	0.0378	1.49685e4	6057.16895	1.12688
214	37.326	VB	0.0408	1.32247e4	4699.92041	0.99560
215	37.406	VB	0.0429	1766.93665	689.36511	0.13302
216	37.540	VB	0.0617	6055.71094	1450.07996	0.45589
217	37.653	VB	0.0313	474.49667	210.77647	0.03572
218	37.735	VB	0.0383	510.15652	184.08940	0.03841
219	37.829	VB	0.0312	888.89868	428.72018	0.06692
220	37.892	VB	0.0401	1034.76025	446.15833	0.07790
221	38.002	VB	0.0331	541.21130	262.37970	0.04074
222	38.053	VB	0.0175	231.32080	200.28174	0.01741
223	38.107	VB	0.0300	776.99048	393.94791	0.05849
224	38.250	VB	0.0525	6931.04541	1900.69092	0.52179

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	38.347	VB	0.0518	4462.62109	1307.50989	0.33596
226	38.542	VB	0.0426	1.93524e4	6517.64502	1.45692
227	38.731	VB	0.0567	1.23536e4	3152.73315	0.93002
228	38.878	VB	0.0549	830.40417	215.80042	0.06252
229	39.027	VB	0.0377	817.34906	275.01602	0.06153
230	39.135	VB	0.0530	4522.39404	1256.54871	0.34046
231	39.347	VB	0.0433	1073.94189	345.42688	0.08085
232	39.408	VB	0.0539	1937.44385	444.12973	0.14586
233	39.583	VB	0.0479	2307.48047	729.76379	0.17372
234	39.720	VB	0.0452	3881.65723	1325.93774	0.29222
235	39.807	VB	0.0359	8830.21582	3833.04297	0.66477
236	39.897	VB	0.0436	1.00864e4	3500.91040	0.75934
237	39.998	VB	0.0404	978.56311	375.25195	0.07367
238	40.109	VB	0.0370	482.72806	165.58655	0.03634
239	40.181	VB	0.0304	177.10786	72.80731	0.01333
240	40.381	VB	0.0818	3693.01587	591.78180	0.27802
241	40.586	VB	0.0431	1471.33179	488.54449	0.11077
242	40.722	VB	0.0351	325.43860	145.28824	0.02450
243	40.802	VB	0.0341	1671.47888	843.37421	0.12583
244	40.863	VB	0.0363	2914.11914	1398.93323	0.21938
245	41.047	VB	0.0430	1.31253e4	4641.27051	0.98812
246	41.149	VB	0.0352	256.14301	102.45140	0.01928
247	41.254	VB	0.0387	502.19791	168.67902	0.03781
248	41.399	VB	0.0605	1462.03235	337.51462	0.11007
249	41.801	BB	0.0465	1402.45642	384.58838	0.10558
250	41.930	VB	0.0339	373.15244	161.58022	0.02809
251	42.039	VB	0.0497	2859.37183	840.74231	0.21526
252	42.243	VB	0.0441	1.19800e4	3764.58057	0.90190
253	42.575	VB	0.0591	1765.50964	446.38034	0.13291
254	43.020	BB	0.0686	2085.04907	429.47540	0.15697
255	43.223	VB	0.0381	744.40485	298.00952	0.05604
256	43.284	VB	0.0268	131.70154	67.42875	0.00991
257	43.404	VB	0.0407	7569.65869	2785.25244	0.56987
258	43.548	VB	0.0341	174.76569	75.14693	0.01316
259	43.633	VB	0.0397	269.37170	90.57381	0.02028
260	43.742	VB	0.0473	785.08136	239.43373	0.05910
261	44.148	BBA	0.0757	2003.41809	345.37531	0.15082
262	44.430	PB	0.0418	973.68268	346.20248	0.07330
263	44.536	VB	0.0447	5674.57080	1853.74658	0.42720
264	44.852	VBA	0.0881	1831.98035	263.38748	0.13792
265	45.319	PBA	0.0904	1409.47083	201.91071	0.10611
266	45.659	BBA	0.0635	6629.99902	1446.11658	0.49913
267	45.992	PBA	0.1310	1029.22876	96.09790	0.07748
268	46.174	PBA	0.1704	892.58484	63.34836	0.06720
269	46.585	PBA	0.0839	1413.05798	211.63354	0.10638
270	46.902	BBA	0.0627	3679.10815	863.02338	0.27698
271	47.079	BBA	0.0928	1814.76697	249.62843	0.13662
272	48.344	BBA	0.0697	3087.05737	603.22583	0.23240
273	50.019	BBA	0.0868	2625.07739	388.65720	0.19762

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	51.998	BBA	0.0969	2484.61938	341.38504	0.18705
Totals :				1.32831e6	4.09404e5	

Calibration Curves

*** End of Report ***

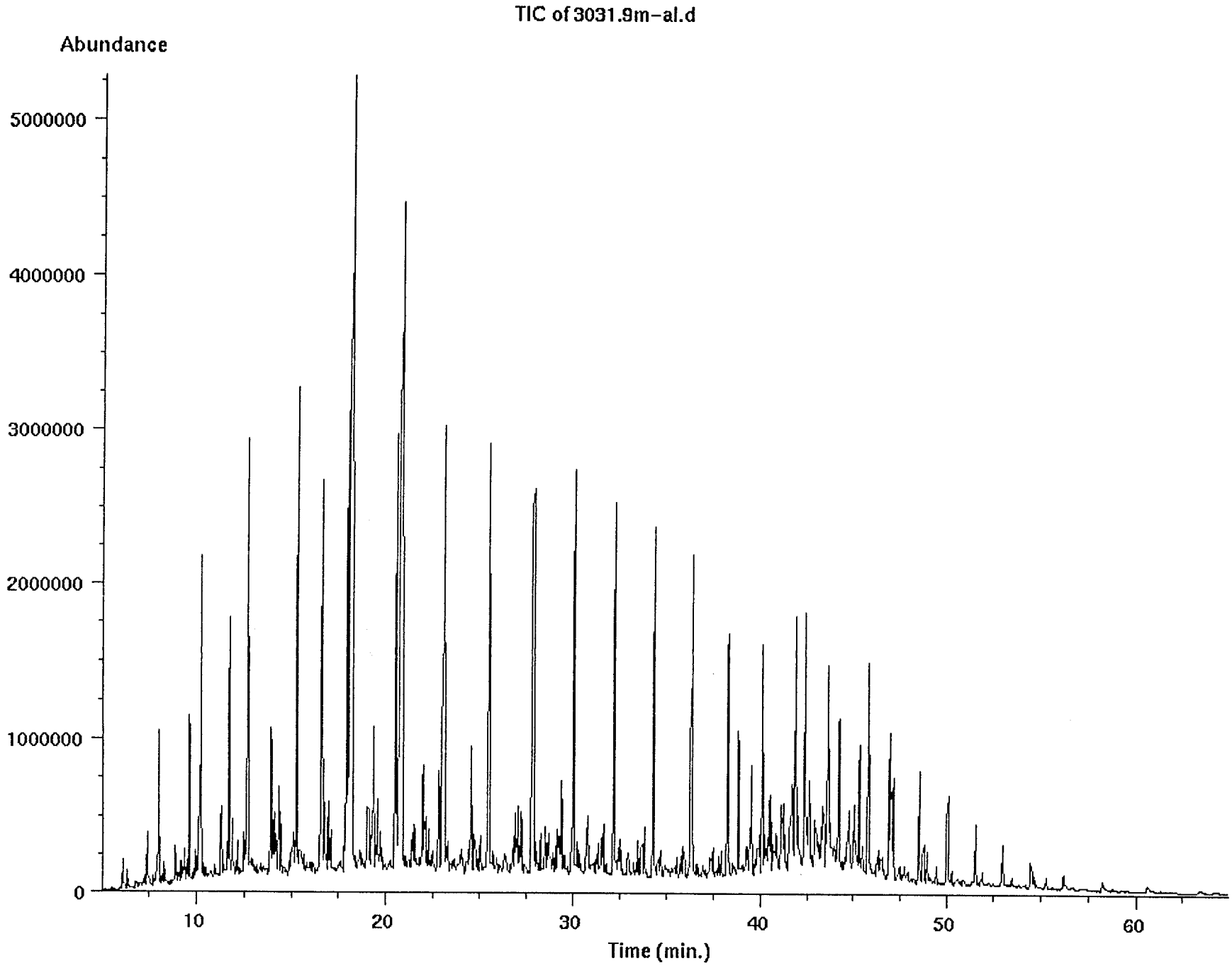

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3031.9m-al.d
Operator: PN
Sample Name: Wessel 3031.9 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 22
Sample Info:
Wessel-1, Amerada Hess
97036-22
3031.9 m, core-20, rswc
Alifater
2.8 mg
Run Method
Run Acquisition
OK
Cancel
Help

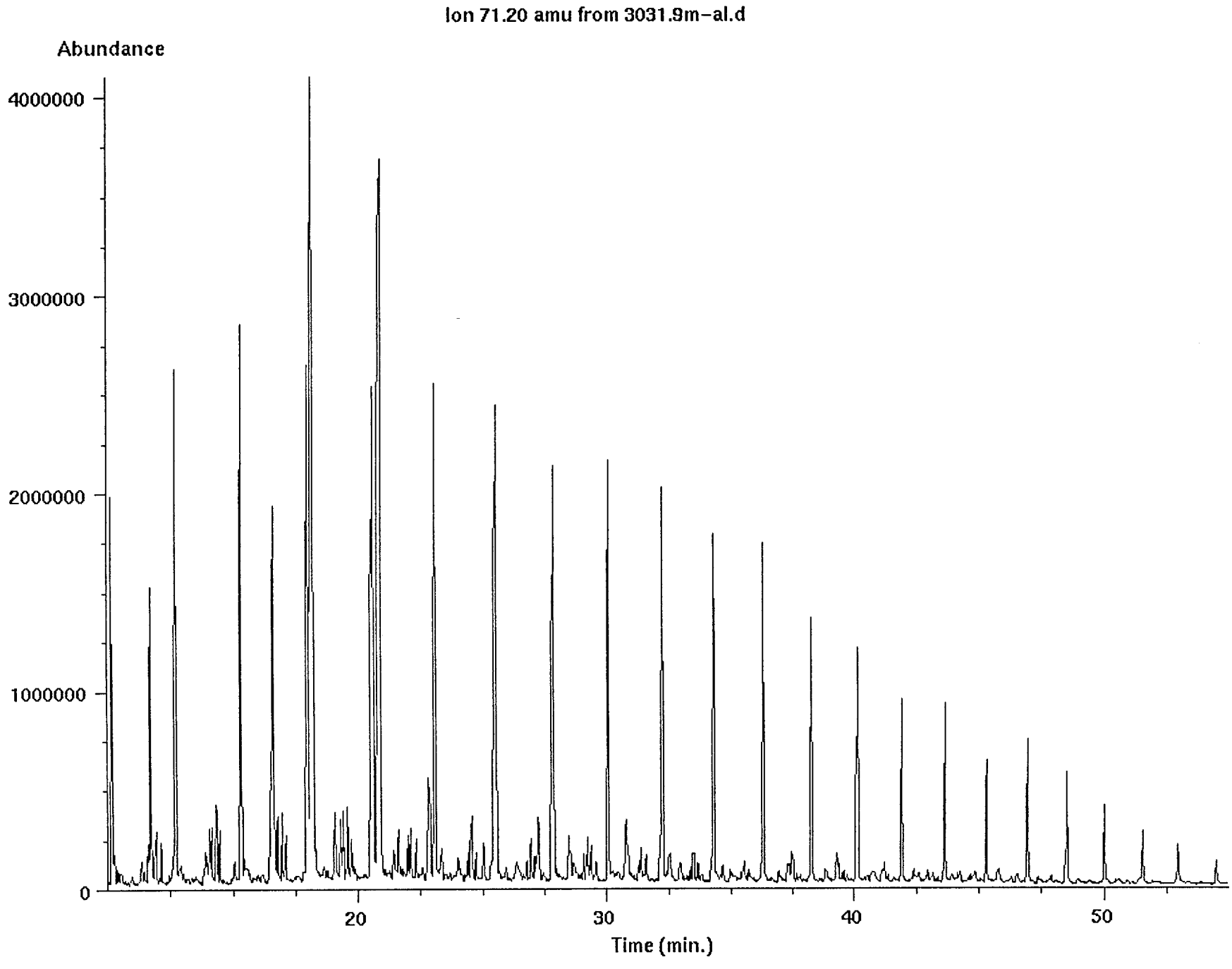
Data file: /chem/data2/chem/hp/Wessel/3031.9m-al.d
File type: GC / MS DATA FILE

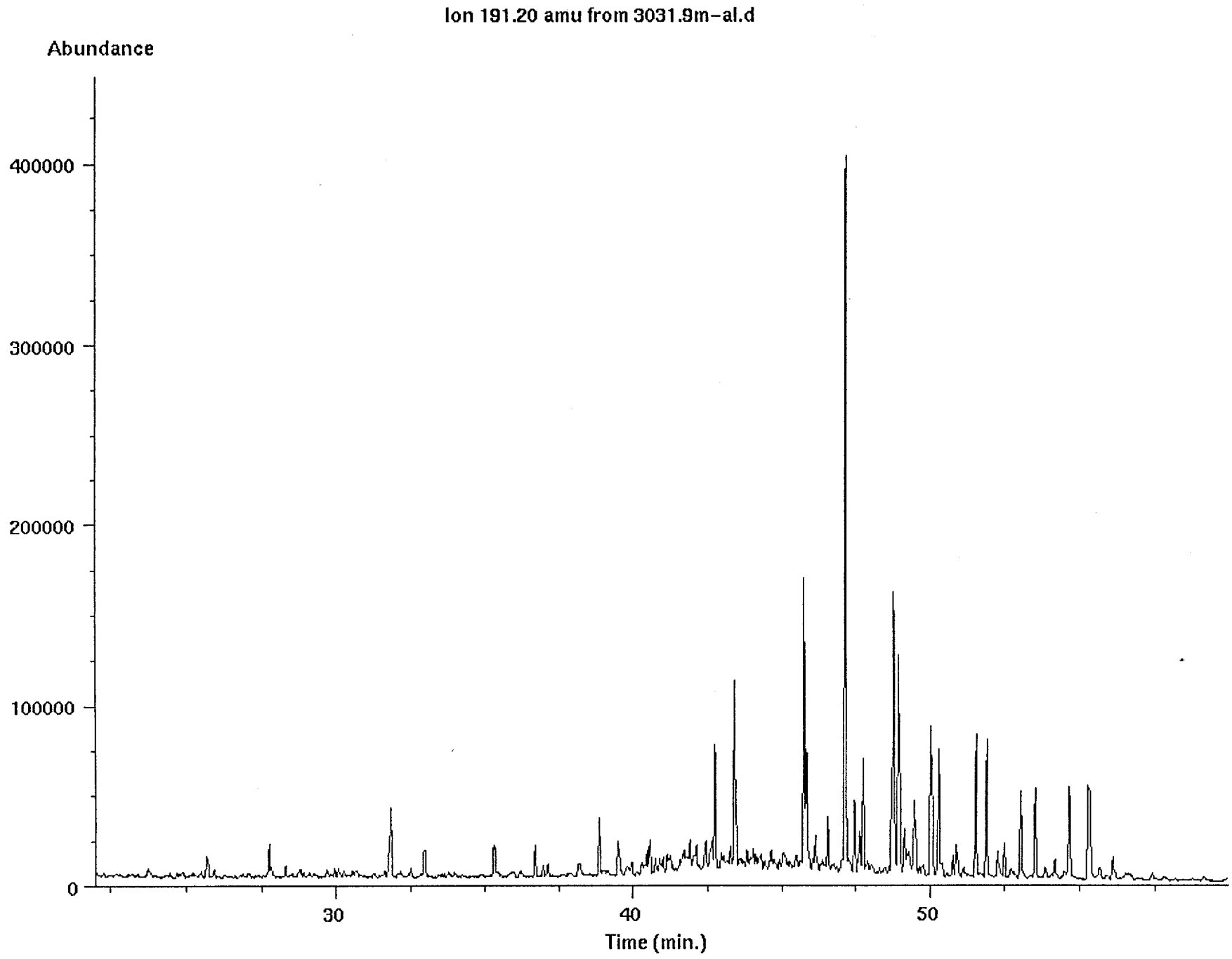
Name Info: Wessel 3031.9 al
Misc Info:
Operator : PN

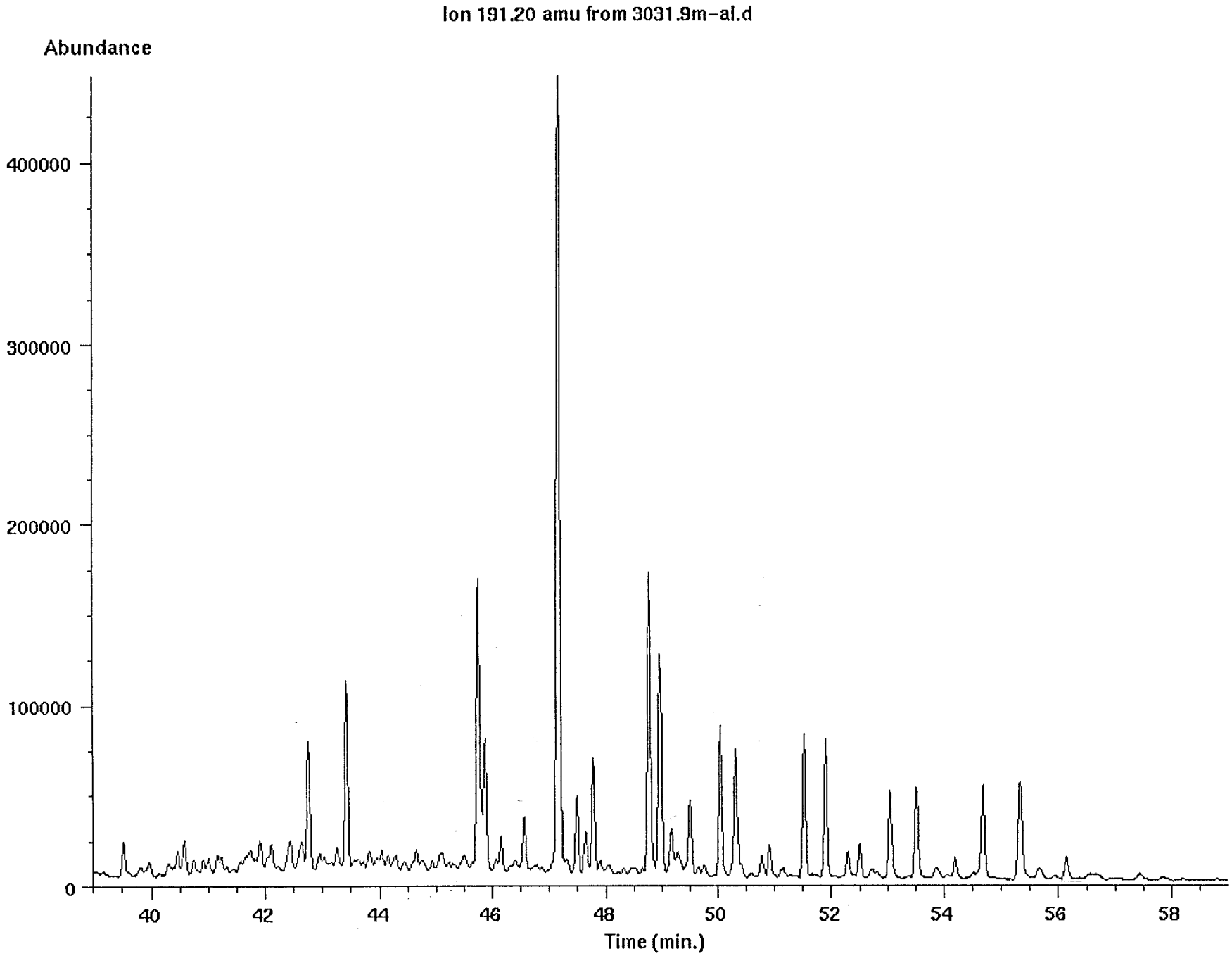
Date : Mon Jan 12 98 10:39:50 PM
Instrment: HP5971
Inlet : GC

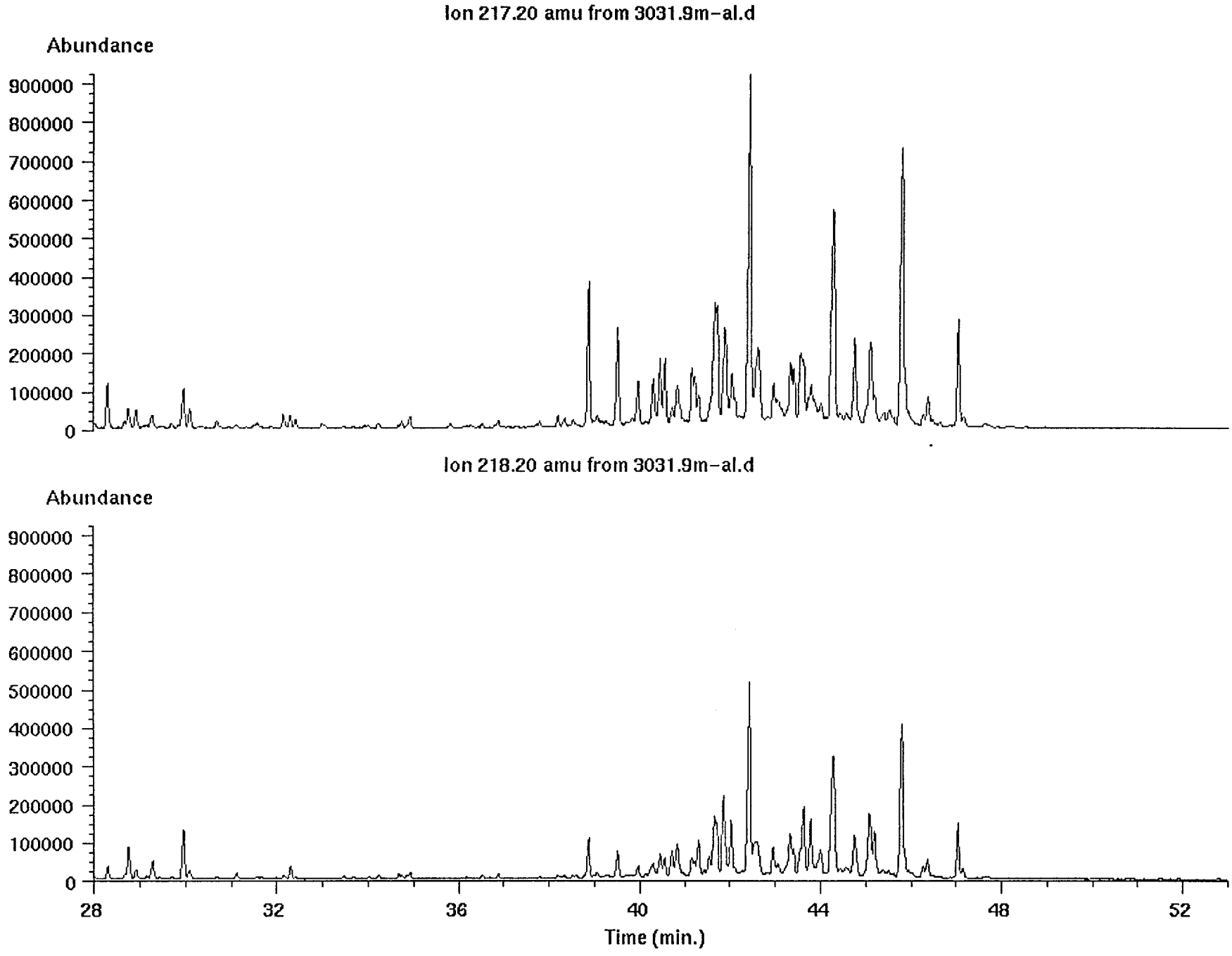
Sequence index : 0
Als bottle num : 22
Replicate num : 1

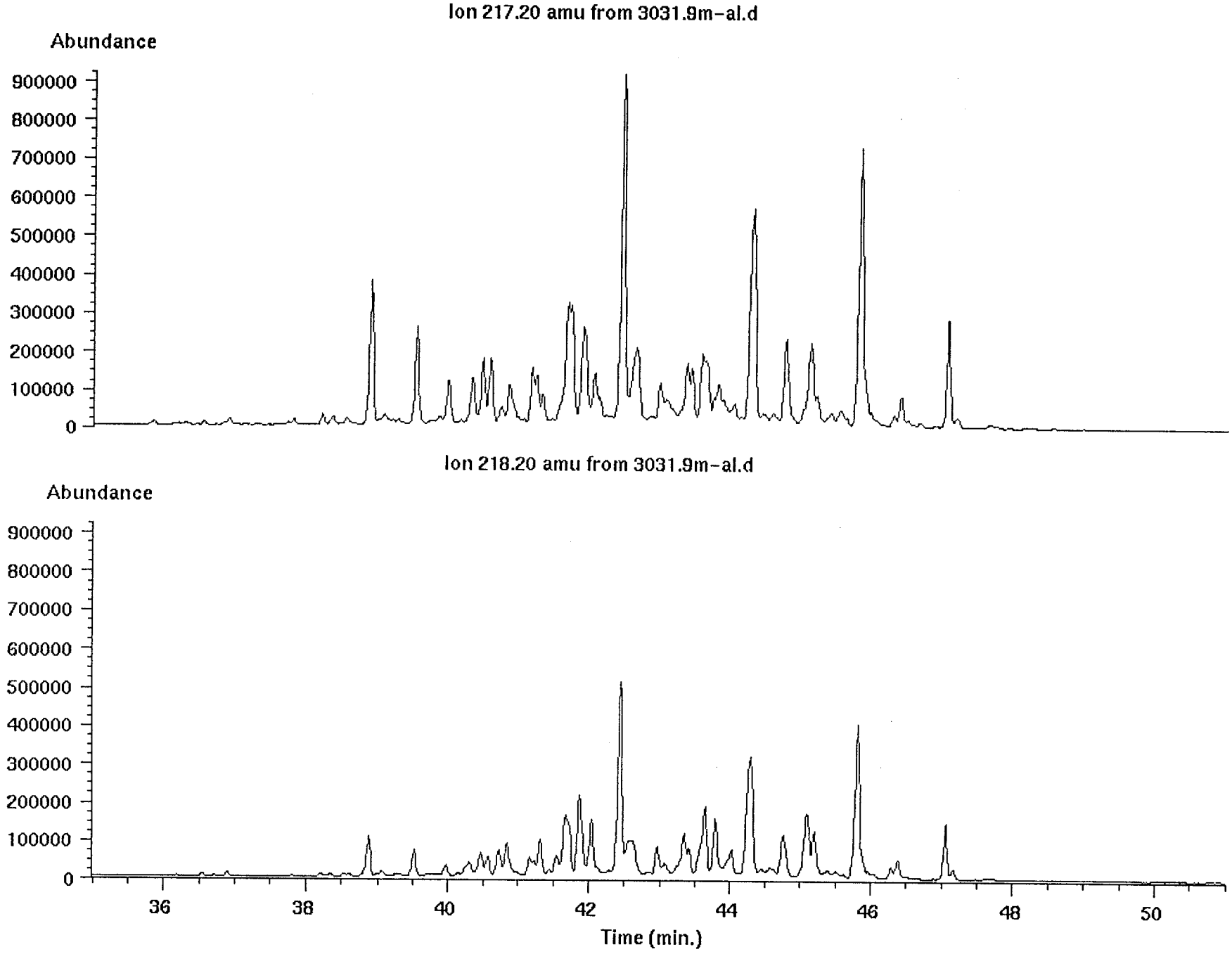

TIC of 3031.9m-al.d
Abundance
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

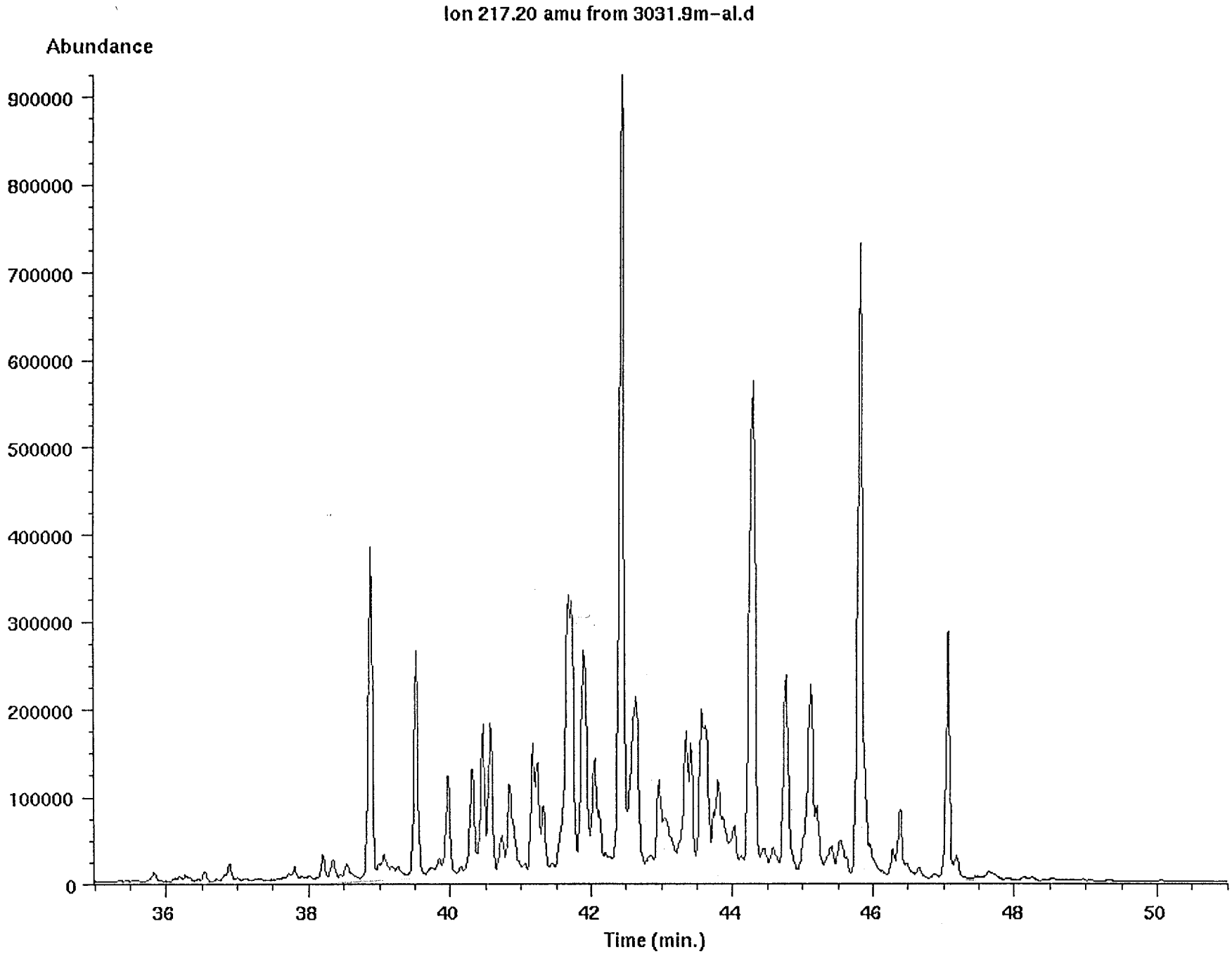

Ion 71.20 amu from 3031.9m-al.d
Abundance
4000000
3000000
2000000
1000000
0
20
30
40
50
Time (min.)

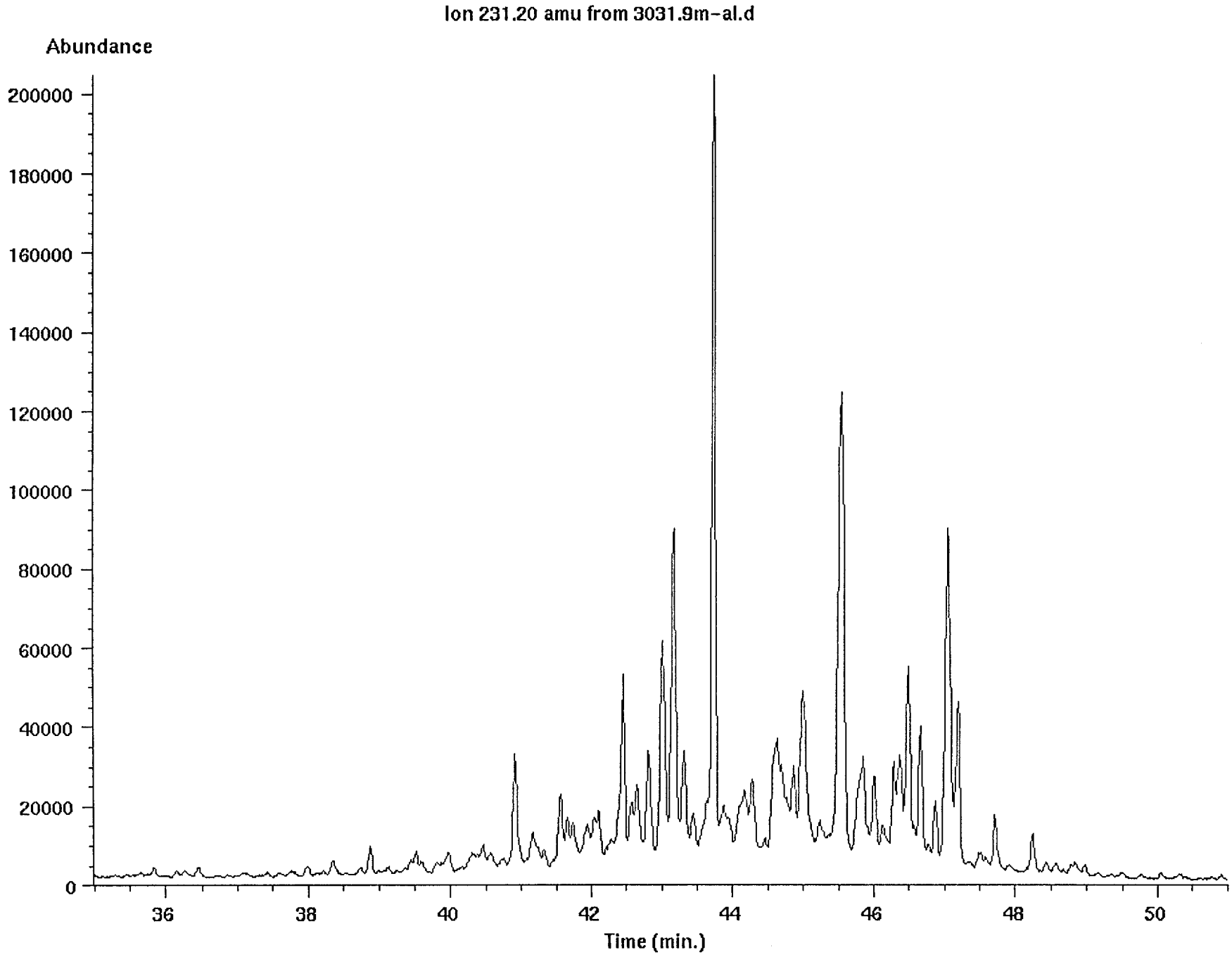

Ion 191.20 amu from 3031.9m-al.d
Abundance
400000
300000
200000
100000
0
30
40
50
Time (min.)

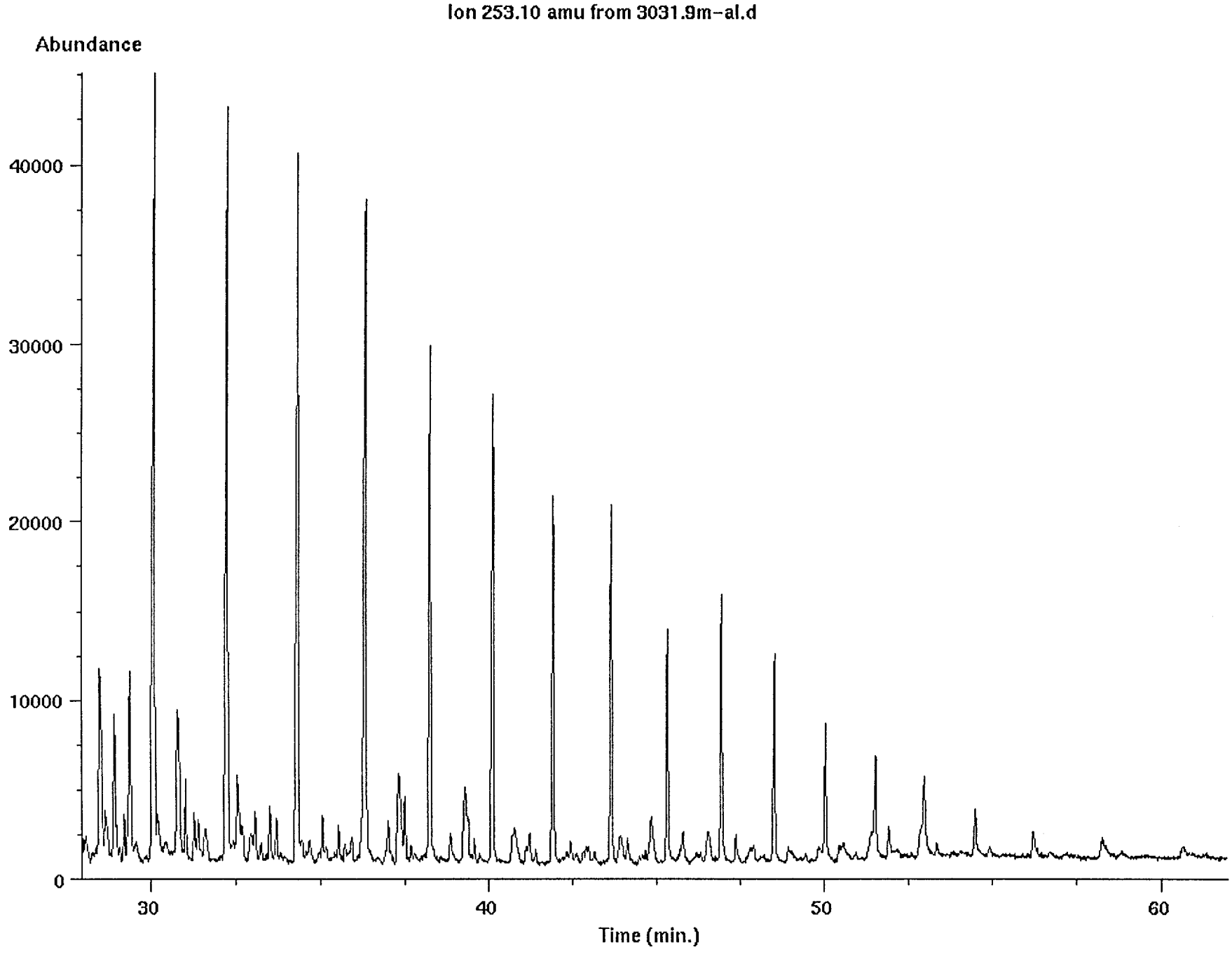

Ion 191.20 amu from 3031.9m-al.d
Abundance
400000
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

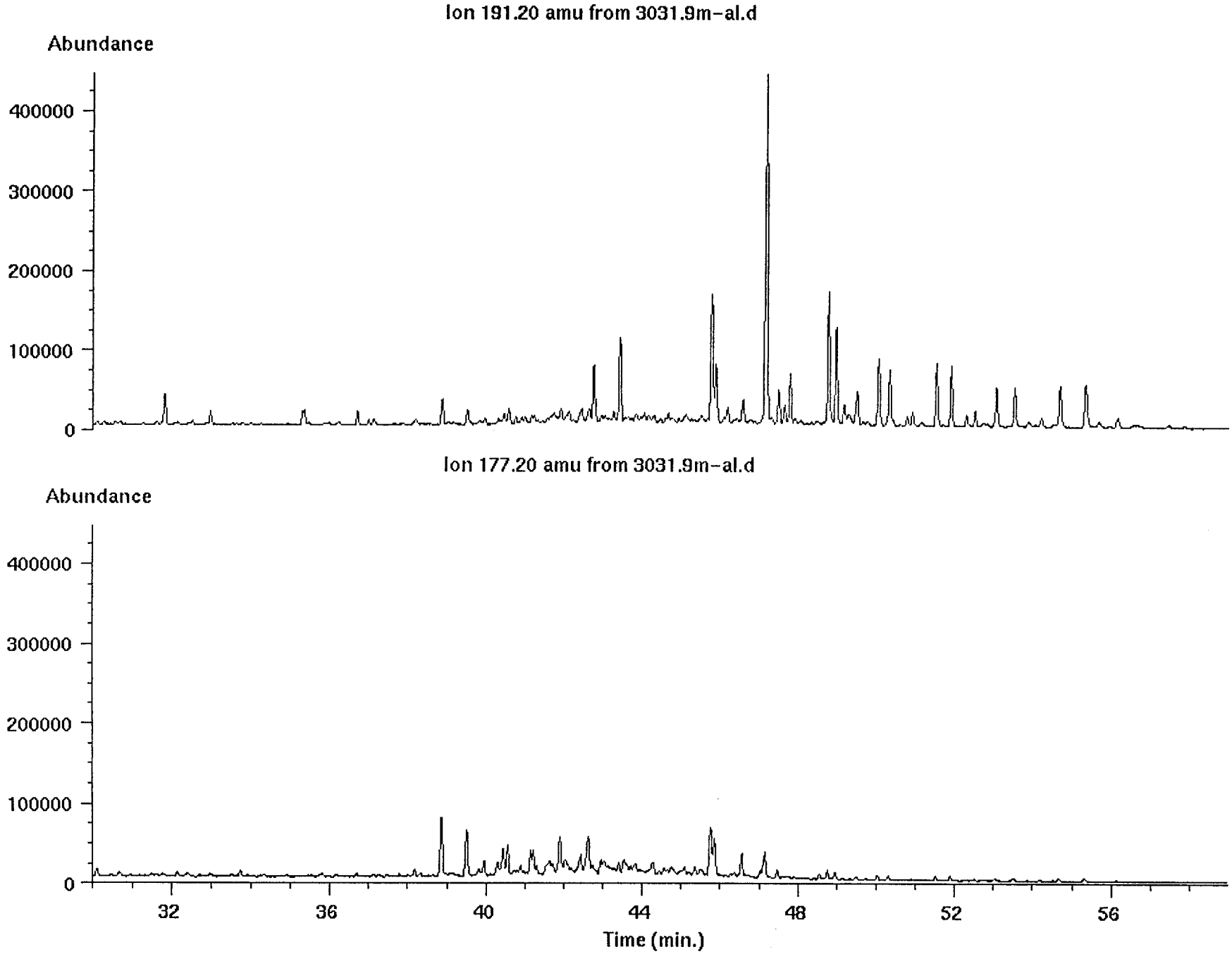

Ion 217.20 amu from 3031.9m-al.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
Ion 218.20 amu from 3031.9m-al.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
28
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3031.9m-al.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
Ion 218.20 amu from 3031.9m-al.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3031.9m-al.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3031.9m-al.d
Abundance
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3031.9m-al.d
Abundance
40000
30000
20000
10000
0
30
40
50
60
Time (min.)

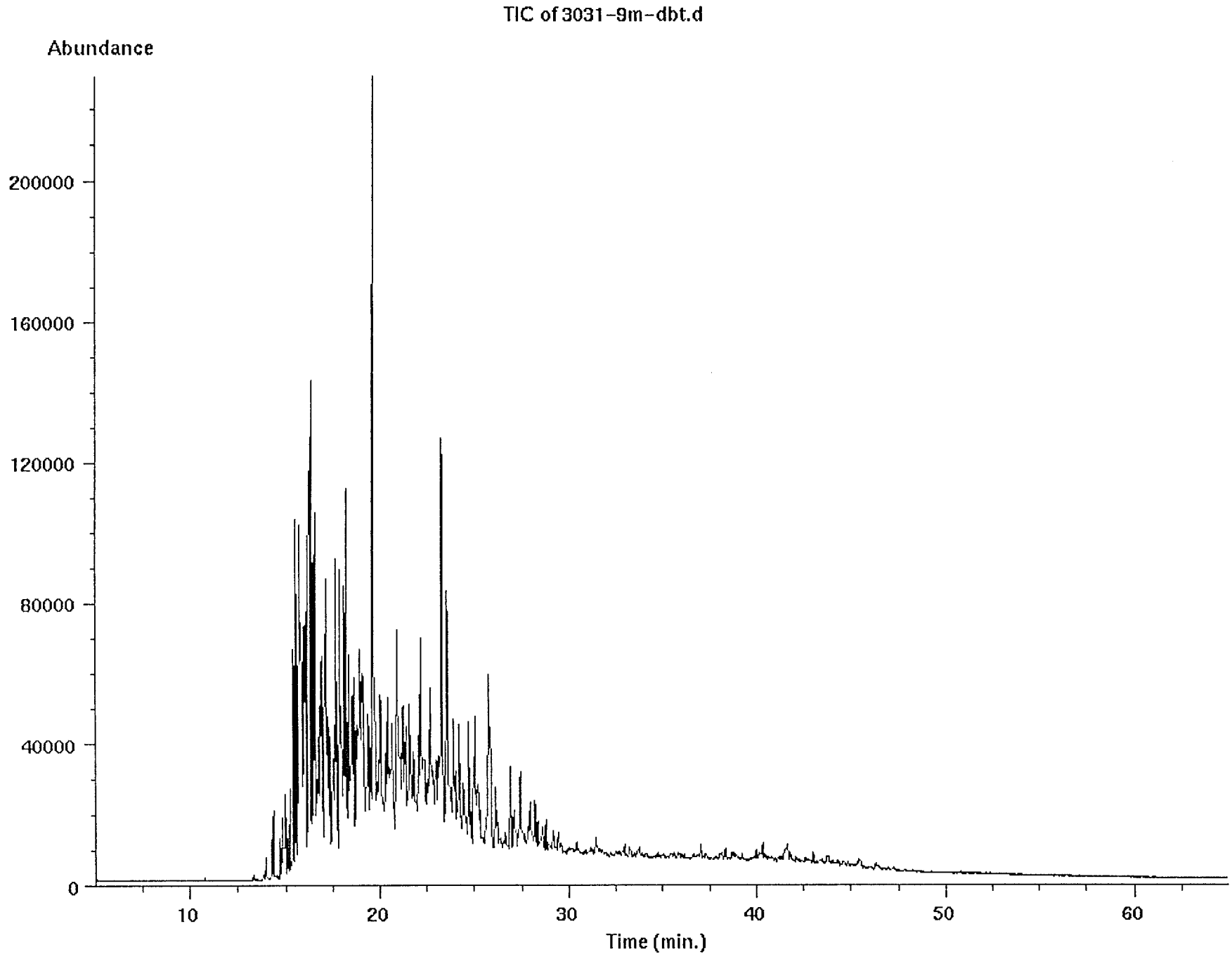

Ion 191.20 amu from 3031.9m-al.d
Abundance
400000
300000
200000
100000
0
Ion 177.20 amu from 3031.9m-al.d
Abundance
400000
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

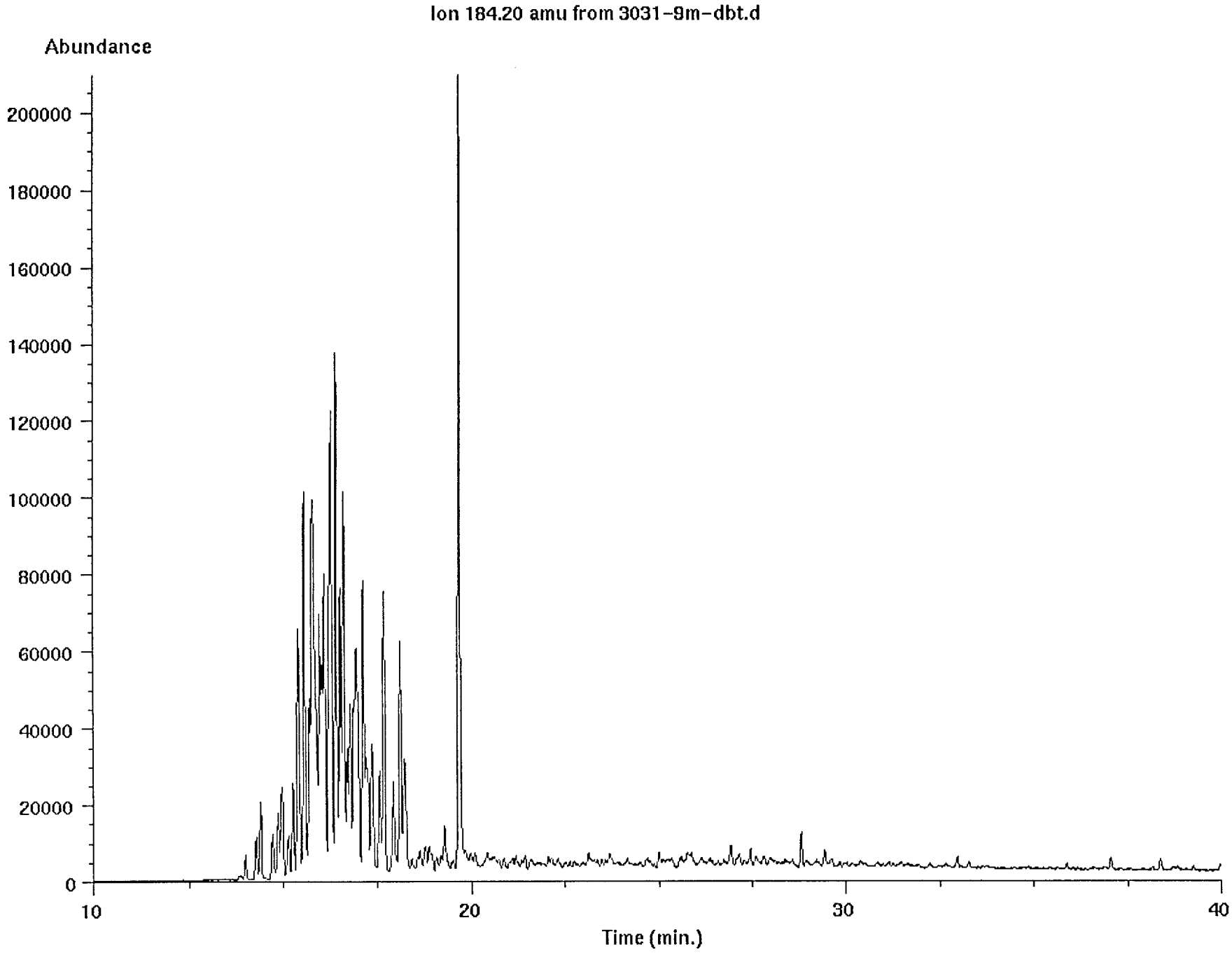
Data file: /chem/data2/chem/hp/Wessel/3031-9m-dbt.d
File type: GC / MS DATA FILE

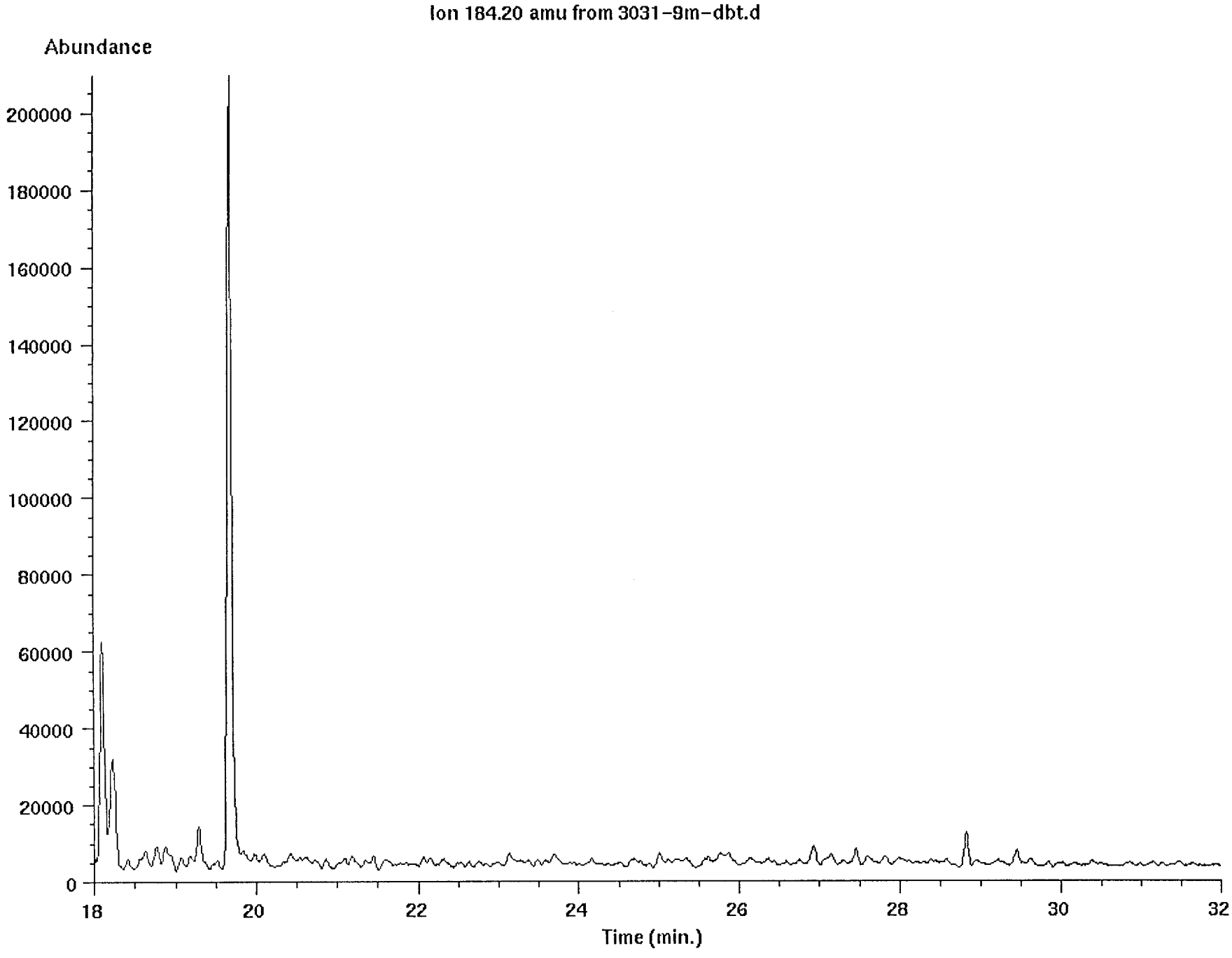
Name Info: Wessel 3031.9 ar
Misc Info:
Operator : PN

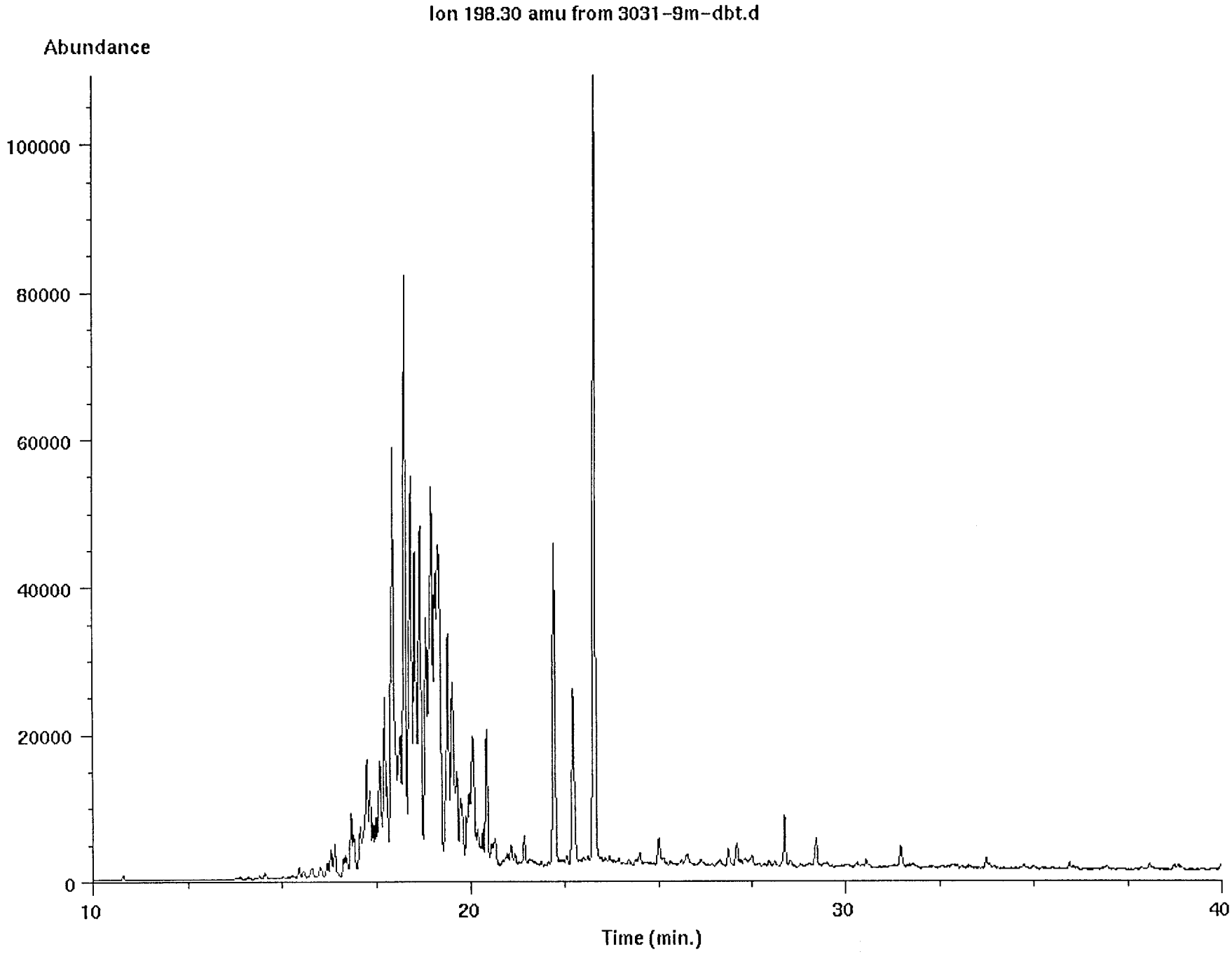
Date : Wed Jan 14 98 09:24:39 AM
Instrment: HP5971
Inlet : GC

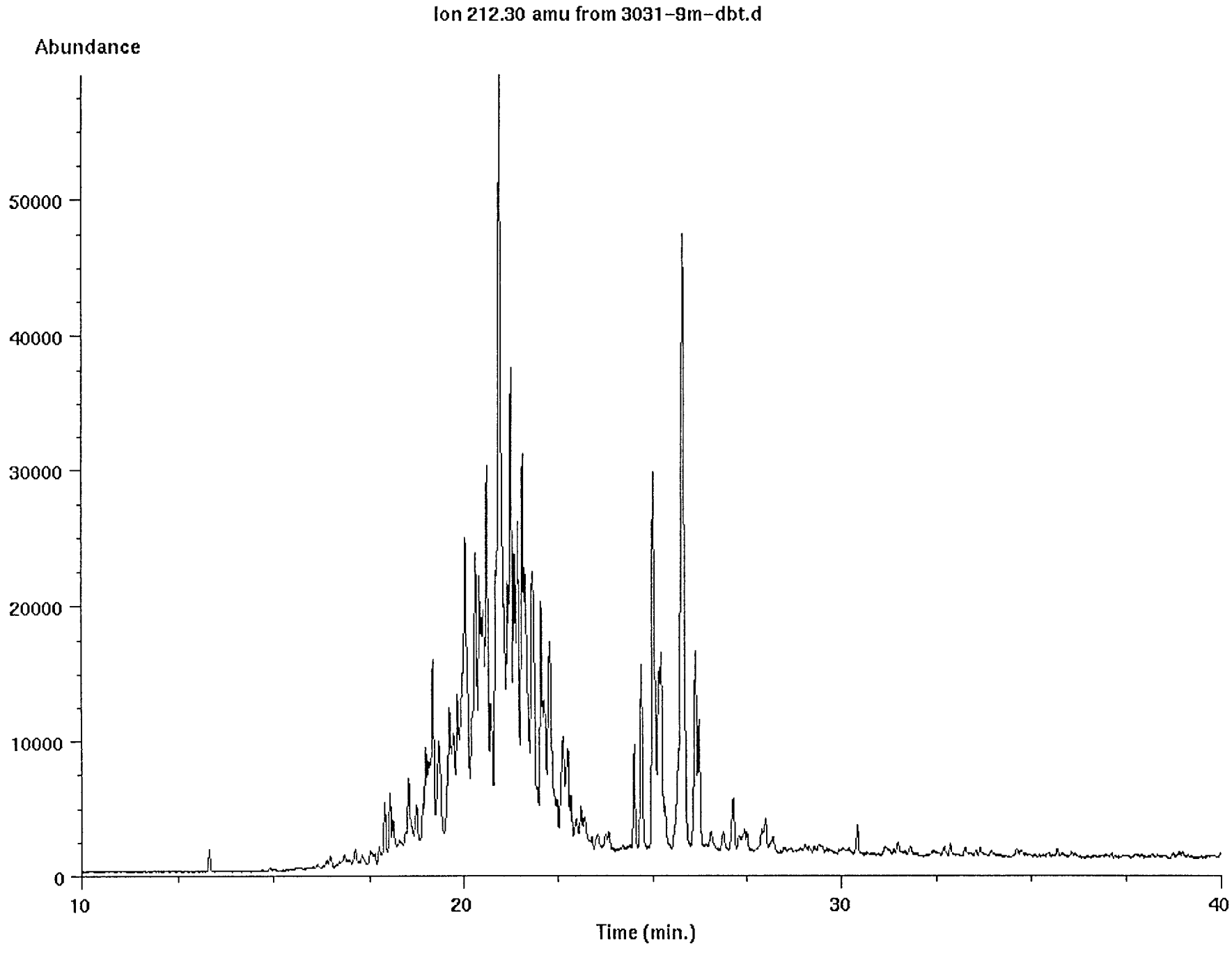
Sequence index : 5
Als bottle num : 22
Replicate num : 1

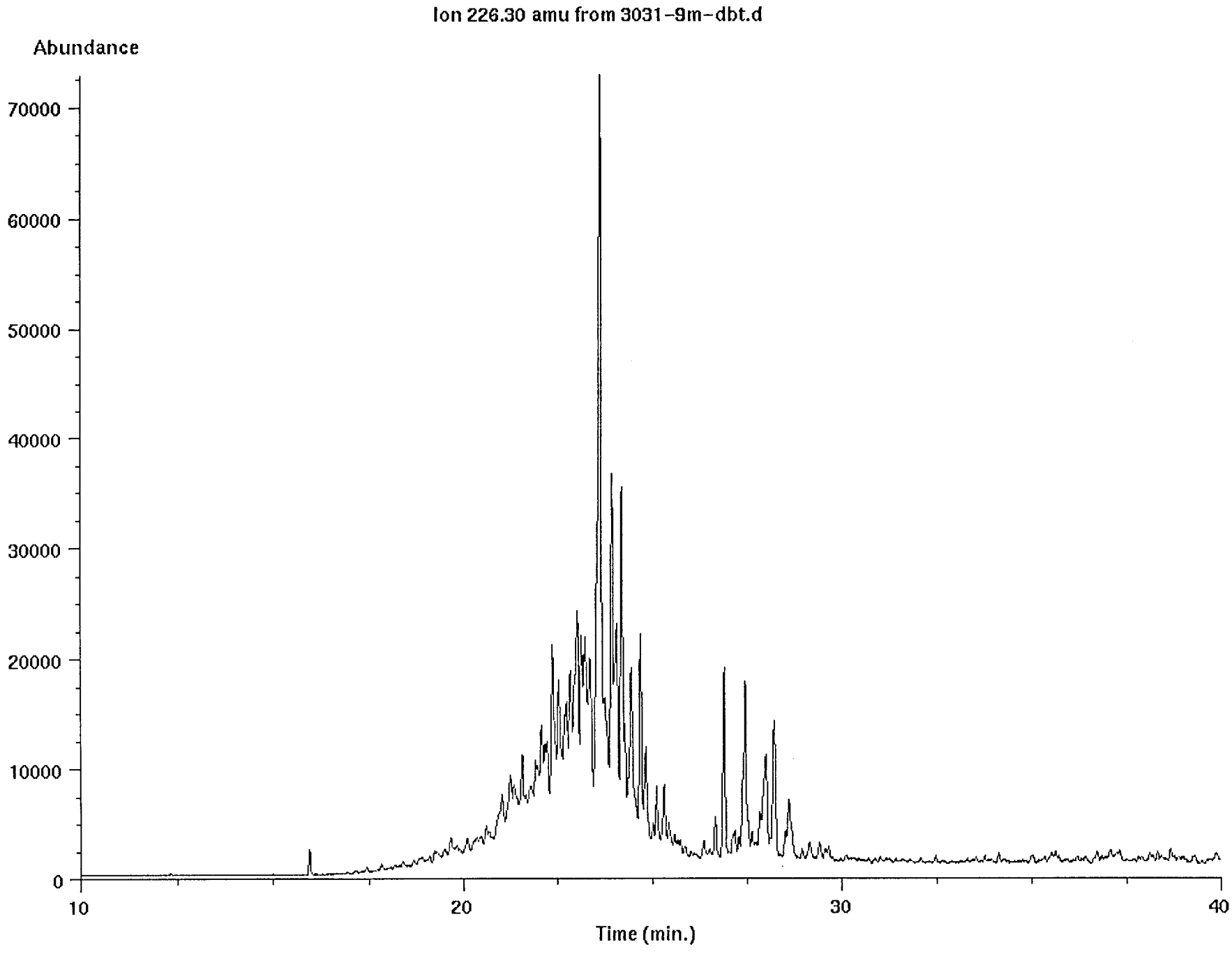

TIC of 3031-9m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
10
20
30
40
50
60
Time (min.)

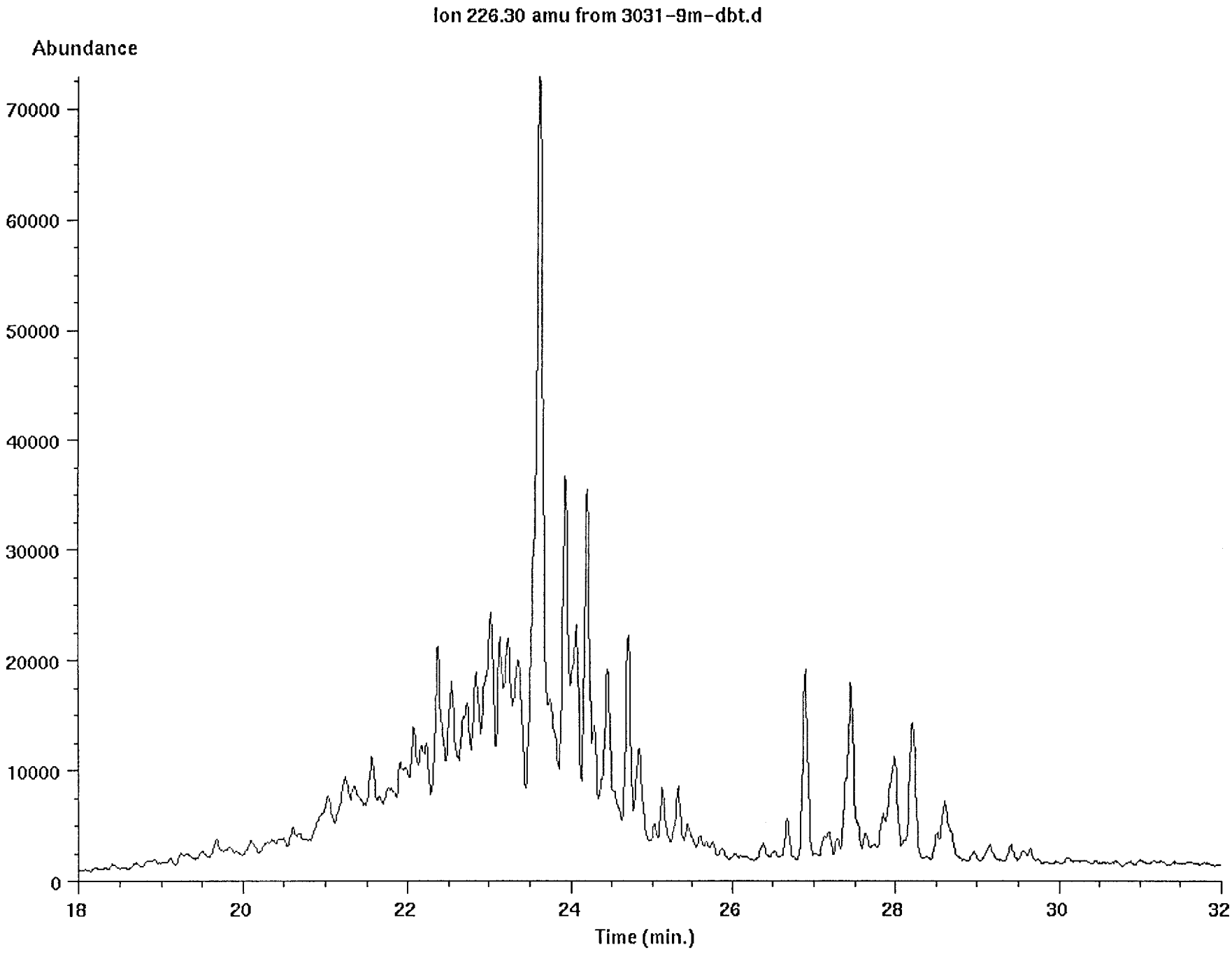

Ion 184.20 amu from 3031-9m-dbt.d
Abundance
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

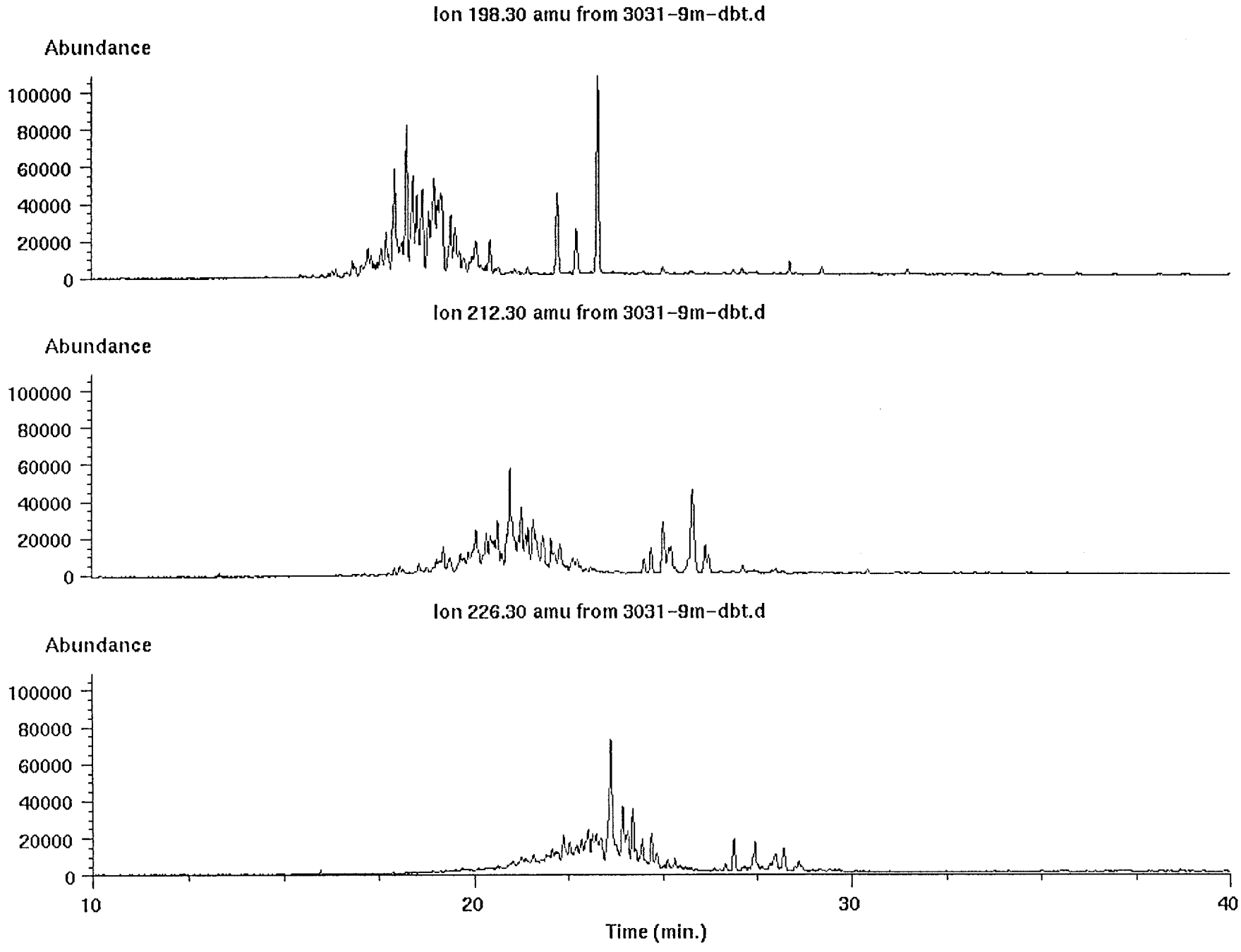

Ion 184.20 amu from 3031-9m-dbt.d
Abundance
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)

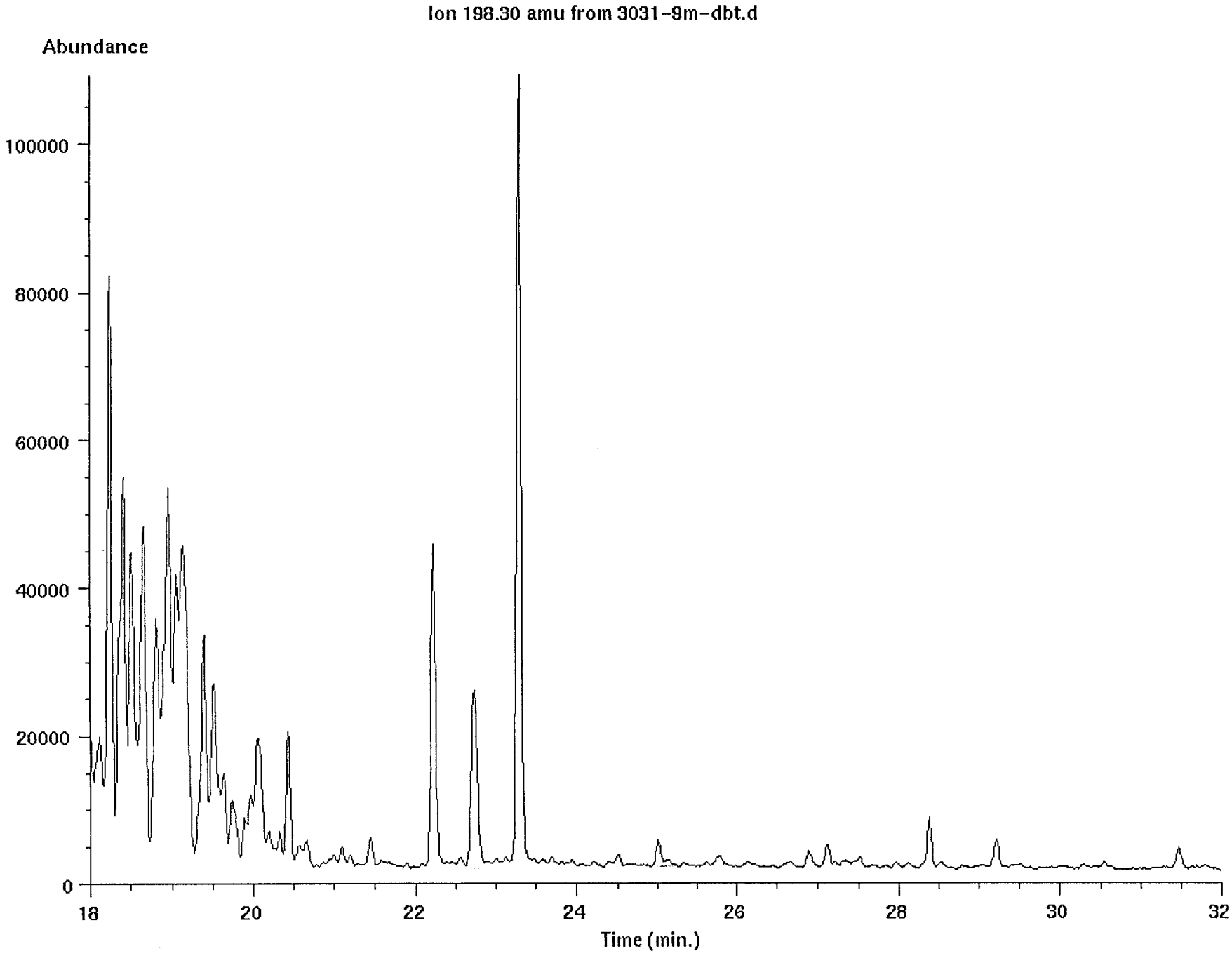

Ion 198.30 amu from 3031-9m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

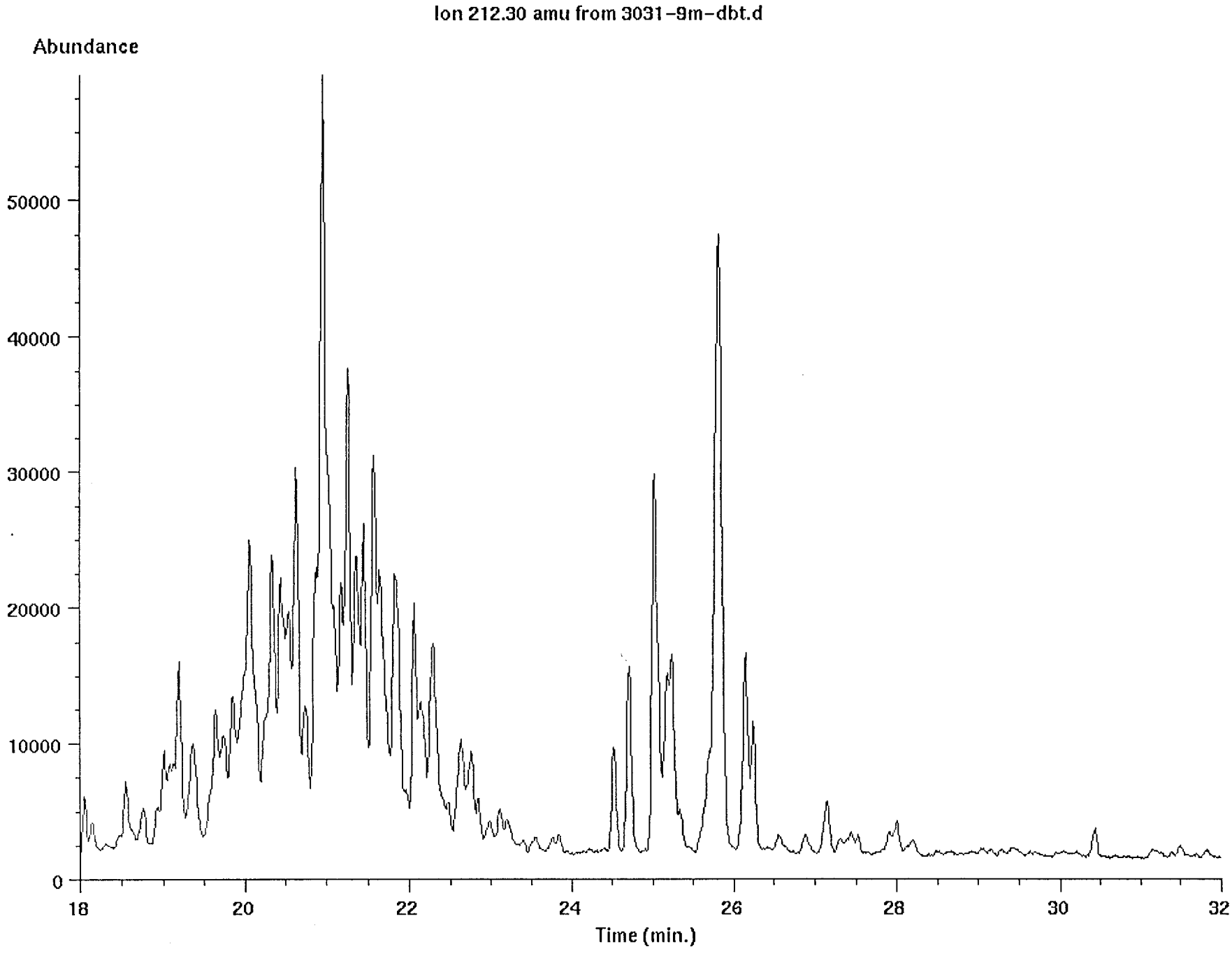

Ion 212.30 amu from 3031-9m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

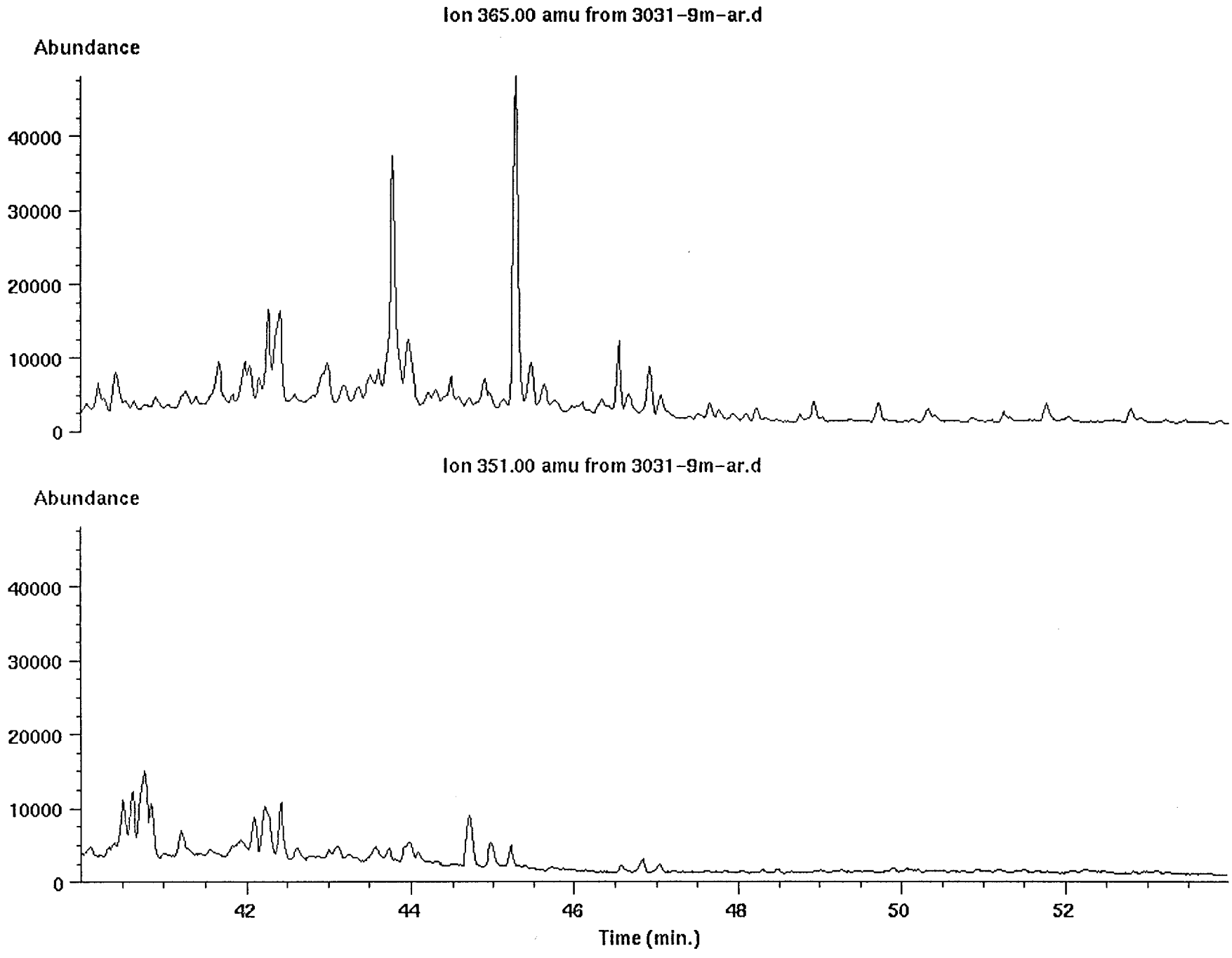

Ion 226.30 amu from 3031-9m-dbt.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3031-9m-dbt.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3031-9m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
Ion 212.30 amu from 3031-9m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
Ion 226.30 amu from 3031-9m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3031-9m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3031-9m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)

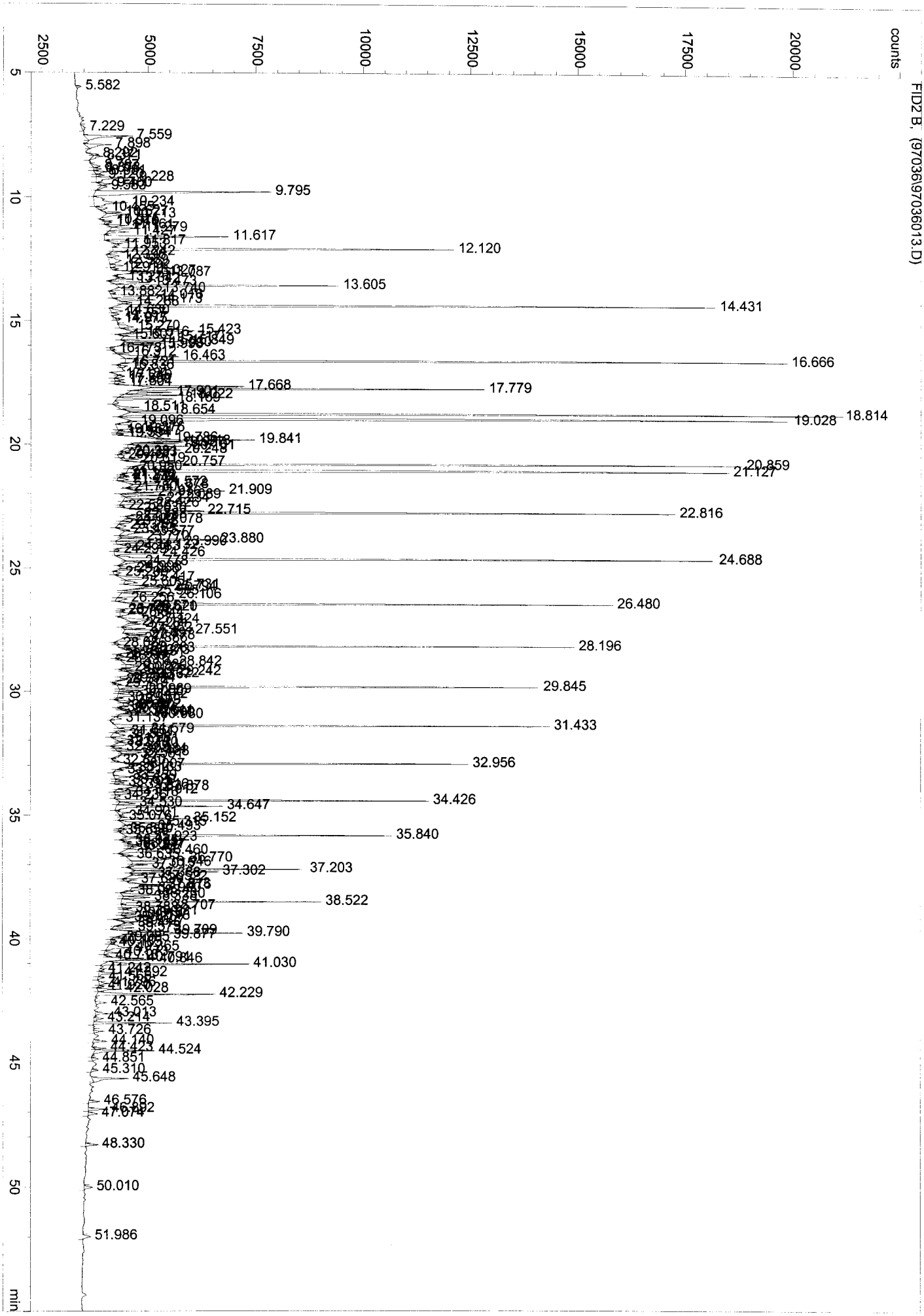

Ion 365.00 amu from 3031-9m-ar.d
Abundance
40000
30000
20000
10000
0
Ion 351.00 amu from 3031-9m-ar.d
Abundance
40000
30000
20000
10000
0
42
44
46
48
50
52
Time (min.)

97036-20, WESSEL-1, CORE 18, 3035.0 M, AMERADA HESS, GR OVKNUST, ALI: 4.7 MG, KØRT d. 18. DECEMBER 1997.

==========

Injection Date	: 18-12-97 10:18:06	Seq. Line	: 1
Sample Name	: 3035.0 M	Vial	: 1
Acq. Operator	: DD	Inj	: 1
		Inj Volume	: 1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:30:30 by per (modified after loading)		

Metode baseret på Norsk Industristandard


2500
5000
7500
10000
12500
15000
17500
20000
counts
FID2 B, (97036\97036013.D)
min
5.582
7.229
7.559
7.898
9.228
9.795
10.234
11.617
12.120
13.605
14.431
15.423
16.463
16.666
17.668
17.779
18.514
18.654
18.814
19.028
19.841
20.757
20.859
21.127
21.909
22.715
22.816
23.880
24.688
26.106
26.480
27.551
28.196
28.842
29.845
31.433
32.956
34.426
34.647
35.152
35.840
37.203
37.302
38.522
39.790
41.030
42.229
42.565
43.395
43.726
44.524
44.851
45.310
45.648
46.576
47.074
48.330
50.010
51.986

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	5.582	PBA	0.1032	1009.42517	124.95767	0.08910
2	7.229	PBA	0.1773	1347.26184	93.39047	0.11892
3	7.559	PBA	0.0673	5568.15283	1133.45630	0.49149
4	7.898	PBA	0.0767	3737.99878	634.37988	0.32995
5	8.292	PB	0.0364	464.99936	184.24443	0.04104
6	8.371	VBA	0.0996	1812.34863	230.71597	0.15997
7	8.767	PB	0.0656	870.06213	179.40555	0.07680
8	8.873	VB	0.0441	561.33917	181.65521	0.04955
9	8.981	VB	0.0526	1149.05640	307.52029	0.10143
10	9.120	VB	0.0385	493.61371	194.97684	0.04357
11	9.228	VB	0.0560	3663.99536	908.85614	0.32341
12	9.460	VB	0.0450	1047.03955	339.03284	0.09242
13	9.583	VB	0.0644	821.09644	158.50000	0.07248
14	9.795	VB	0.0636	1.88161e4	4092.76025	1.66086
15	10.234	VB	0.1081	6597.98779	784.44397	0.58239
16	10.455	VB	0.0567	985.90692	246.26834	0.08702
17	10.627	VB	0.0380	877.08948	378.74759	0.07742
18	10.713	VB	0.0649	2548.82251	541.97968	0.22498
19	10.975	VB	0.0414	559.00714	214.54395	0.04934
20	11.046	VB	0.0413	493.62360	167.68768	0.04357
21	11.161	VB	0.0463	1502.55579	470.25983	0.13263
22	11.279	VB	0.0539	2624.83545	682.14990	0.23169
23	11.427	VB	0.0466	1504.29846	492.93741	0.13278
24	11.617	VB	0.0625	1.28092e4	2903.48608	1.13064
25	11.817	VB	0.0528	2514.29346	701.74139	0.22193
26	11.953	VB	0.0516	473.17151	113.49698	0.04177
27	12.120	VB	0.0524	2.74907e4	7936.55518	2.42655
28	12.242	VB	0.0413	1063.33728	396.61938	0.09386

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	12.396	VB	0.0507	1146.03870	280.35220	0.10116
30	12.589	VB	0.1063	2510.76294	289.23630	0.22162
31	12.792	VB	0.0484	1120.61255	315.80258	0.09891
32	12.911	VB	0.0393	447.71887	172.57312	0.03952
33	13.027	VB	0.0308	882.78540	452.50607	0.07792
34	13.087	VB	0.0356	1569.34570	745.02789	0.13852
35	13.277	VB	0.0372	338.86841	135.26784	0.02991
36	13.342	VB	0.0418	1157.98352	424.31647	0.10221
37	13.473	VB	0.0487	3115.72119	914.54828	0.27502
38	13.605	VB	0.0513	1.69222e4	5152.31787	1.49369
39	13.740	VB	0.0464	3096.71509	1020.97180	0.27334
40	13.882	VB	0.0492	508.16367	137.29393	0.04485
41	14.016	VB	0.0654	4313.55518	1040.34509	0.38075
42	14.173	VB	0.0478	2909.85229	898.91840	0.25685
43	14.288	VB	0.0387	604.71887	230.11922	0.05338
44	14.431	VB	0.0443	4.10646e4	1.39648e4	3.62469
45	14.630	VB	0.0669	1479.30554	278.62396	0.13058
46	14.757	VB	0.0431	588.52002	180.32678	0.05195
47	14.917	VB	0.0299	184.67932	120.08231	0.01630
48	14.975	VBA	0.1491	1043.10852	84.44834	0.09207
49	15.270	BB	0.0682	1621.34937	324.74130	0.14311
50	15.423	VB	0.0646	7201.07959	1511.99414	0.63563
51	15.516	VB	0.0363	735.61481	339.43881	0.06493
52	15.607	VB	0.0310	392.37653	183.19249	0.03463
53	15.717	VB	0.0581	4723.95557	1195.12329	0.41697
54	15.849	VB	0.0383	3538.52515	1456.18738	0.31234
55	15.930	VB	0.0328	1796.55920	879.68286	0.15858
56	15.998	VB	0.0334	1647.93591	786.38690	0.14546
57	16.173	VB	0.0341	260.87823	101.00009	0.02303
58	16.312	VB	0.0378	827.72913	323.82706	0.07306
59	16.463	VB	0.0608	5812.64014	1308.62671	0.51307
60	16.666	VB	0.0428	4.46853e4	1.54060e4	3.94429
61	16.721	VB	0.0270	219.97241	134.96248	0.01942
62	16.836	VBA	0.0975	1622.08679	213.85425	0.14318
63	17.184	PB	0.0129	73.88242	108.72504	0.00652
64	17.249	VB	0.0538	681.92676	181.44257	0.06019
65	17.390	VB	0.0466	671.53278	226.34534	0.05927
66	17.504	VB	0.0411	774.11353	249.92699	0.06833
67	17.668	VB	0.0524	7301.07813	2341.66235	0.64445
68	17.779	VB	0.0517	2.51340e4	7987.27930	2.21853
69	17.901	VB	0.0468	3128.27246	1020.71436	0.27613
70	18.022	VB	0.0418	4044.08691	1481.58606	0.35696
71	18.169	VB	0.0491	4530.47510	1316.85205	0.39990
72	18.511	VB	0.0478	1776.37170	507.81519	0.15680
73	18.654	VB	0.0390	2231.34619	963.45886	0.19696
74	18.814	VB	0.0432	5.18746e4	1.66966e4	4.57887
75	19.028	VB	0.0554	5.85649e4	1.53778e4	5.16942
76	19.096	VB	0.0326	405.14230	165.50287	0.03576
77	19.376	VB	0.1042	3807.77100	476.59464	0.33610

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	19.454	VB	0.0221	123.29911	89.42633	0.01088
79	19.517	VB	0.0411	908.96460	377.73944	0.08023
80	19.594	VB	0.0340	370.66678	172.90474	0.03272
81	19.786	VB	0.0706	1817.16711	338.79468	0.16040
82	19.841	VB	0.0353	4715.21826	2177.60107	0.41620
83	19.918	VB	0.0384	1974.96167	810.87714	0.17433
84	19.987	VB	0.0311	2032.37708	1074.04382	0.17939
85	20.101	VB	0.0412	3775.18774	1413.78552	0.33323
86	20.248	VB	0.0374	3239.83423	1331.86426	0.28597
87	20.331	VB	0.0279	362.11523	201.86072	0.03196
88	20.383	VB	0.0330	444.52576	215.83604	0.03924
89	20.467	VB	0.0596	716.22485	155.95103	0.06322
90	20.619	VB	0.0365	1021.12085	390.87204	0.09013
91	20.757	VB	0.0290	1244.65100	807.80920	0.10986
92	20.859	VB	0.0417	3.93242e4	1.40172e4	3.47107
93	20.950	VB	0.0393	369.22836	115.59605	0.03259
94	21.127	VB	0.0531	5.42117e4	1.40119e4	4.78517
95	21.190	VB	0.0337	157.27448	64.03430	0.01388
96	21.276	VB	0.0267	317.42523	187.70926	0.02802
97	21.332	VB	0.0311	422.00757	222.29367	0.03725
98	21.444	VB	0.0442	971.15167	275.23666	0.08572
99	21.572	VB	0.0573	3639.39429	782.22668	0.32124
100	21.678	VB	0.0472	2264.75391	690.91449	0.19991
101	21.780	VB	0.0233	120.16425	85.91079	0.01061
102	21.909	VB	0.0546	7756.51807	2077.10449	0.68465
103	21.976	VB	0.0278	841.71362	494.76065	0.07430
104	22.089	VB	0.0420	3179.56152	1196.29114	0.28065
105	22.234	VB	0.0421	2619.35547	896.44635	0.23121
106	22.426	VB	0.0530	2898.38477	735.31183	0.25584
107	22.536	VB	0.0356	282.46365	101.06110	0.02493
108	22.636	VB	0.0322	366.65909	192.79381	0.03236
109	22.715	VB	0.0323	1058.81897	530.91949	0.09346
110	22.816	VB	0.0434	3.34338e4	1.20220e4	2.95114
111	22.888	VB	0.0345	410.62903	174.42201	0.03625
112	23.014	VB	0.0297	172.71306	78.45105	0.01525
113	23.078	VB	0.0433	2084.40674	708.28766	0.18399
114	23.168	VB	0.0479	923.18732	256.88596	0.08149
115	23.315	VB	0.0579	987.11456	209.69064	0.08713
116	23.485	VB	0.0470	604.68201	164.00067	0.05337
117	23.577	VB	0.0671	2965.45605	566.47107	0.26176
118	23.770	VB	0.0428	1462.39893	505.29163	0.12908
119	23.880	VB	0.0601	8242.56250	2283.71118	0.72756
120	23.990	VB	0.0388	3805.11719	1488.94580	0.33587
121	24.132	VB	0.0376	1504.92053	573.51617	0.13284
122	24.183	VB	0.0155	110.42399	112.43112	0.00975
123	24.299	VB	0.0317	318.85965	125.33938	0.02815
124	24.426	VB	0.0573	4136.63965	1021.03760	0.36513
125	24.688	VB	0.0406	3.95546e4	1.37471e4	3.49141
126	24.778	VB	0.0599	1765.17297	396.85791	0.15581

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	24.998	VB	0.0436	985.11969	332.29135	0.08695
128	25.068	VB	0.0393	959.26514	317.21460	0.08467
129	25.209	VB	0.0517	724.14880	188.96494	0.06392
130	25.417	VB	0.0799	3703.26270	617.93964	0.32688
131	25.605	VB	0.0535	1293.79224	311.05576	0.11420
132	25.731	VB	0.0425	2060.16309	740.46796	0.18185
133	25.794	VB	0.0456	2012.08167	593.38855	0.17760
134	25.955	VB	0.0377	1600.91992	699.71100	0.14131
135	26.106	VB	0.0648	6582.99463	1283.55359	0.58107
136	26.256	VB	0.0548	1151.71667	259.58411	0.10166
137	26.480	VB	0.0400	3.05261e4	1.11302e4	2.69449
138	26.571	VB	0.0198	125.04875	92.58852	0.01104
139	26.620	VB	0.0355	747.73364	329.31177	0.06600
140	26.702	VB	0.0264	186.61436	97.08296	0.01647
141	26.771	VB	0.0272	180.30728	94.63762	0.01592
142	26.844	VBA	0.0812	2433.82690	398.64093	0.21483
143	27.124	BB	0.0687	3310.02319	597.13330	0.29217
144	27.214	VB	0.0274	289.11642	173.46402	0.02552
145	27.281	VB	0.0570	1254.35889	318.17691	0.11072
146	27.462	VB	0.0366	1186.05444	500.70853	0.10469
147	27.551	VB	0.0571	7036.52148	1545.57483	0.62110
148	27.697	VB	0.0339	883.74829	451.01944	0.07801
149	27.778	VB	0.0487	1618.60400	475.53986	0.14287
150	27.886	VB	0.0710	2387.16846	448.93036	0.21071
151	28.086	VB	0.0367	287.86874	96.82120	0.02541
152	28.196	VB	0.0392	2.92264e4	1.06003e4	2.57976
153	28.283	VB	0.0355	1283.23169	563.89746	0.11327
154	28.373	VB	0.0383	732.53369	301.94992	0.06466
155	28.431	VB	0.0383	581.90430	239.52583	0.05136
156	28.534	VB	0.0295	175.19679	94.92088	0.01546
157	28.607	VB	0.0410	630.49762	237.19342	0.05565
158	28.716	VB	0.0410	278.27673	108.18846	0.02456
159	28.842	VB	0.0634	5823.61279	1204.23877	0.51404
160	28.980	VB	0.0544	1354.58740	326.69183	0.11957
161	29.072	VB	0.0229	283.61862	175.15062	0.02503
162	29.147	VB	0.0350	721.98932	337.22559	0.06373
163	29.242	VB	0.0444	2741.39673	1051.76538	0.24198
164	29.322	VB	0.0277	628.17596	372.28424	0.05545
165	29.367	VBA	0.0666	1269.59204	252.92270	0.11206
166	29.514	BB	0.0339	411.33240	192.93787	0.03631
167	29.572	VBA	0.1467	1000.96570	81.26404	0.08835
168	29.719	PB	0.0321	291.77759	147.21732	0.02575
169	29.845	VB	0.0430	2.68593e4	9793.85254	2.37082
170	29.969	VB	0.0341	1255.78821	582.80914	0.11085
171	30.050	VB	0.0321	1020.23474	423.55591	0.09005
172	30.172	VB	0.0585	2519.65332	539.64539	0.22241
173	30.295	VB	0.0303	380.78748	175.28508	0.03361
174	30.409	VB	0.0465	1219.04028	369.67044	0.10760
175	30.572	VB	0.0445	832.40137	246.15842	0.07347

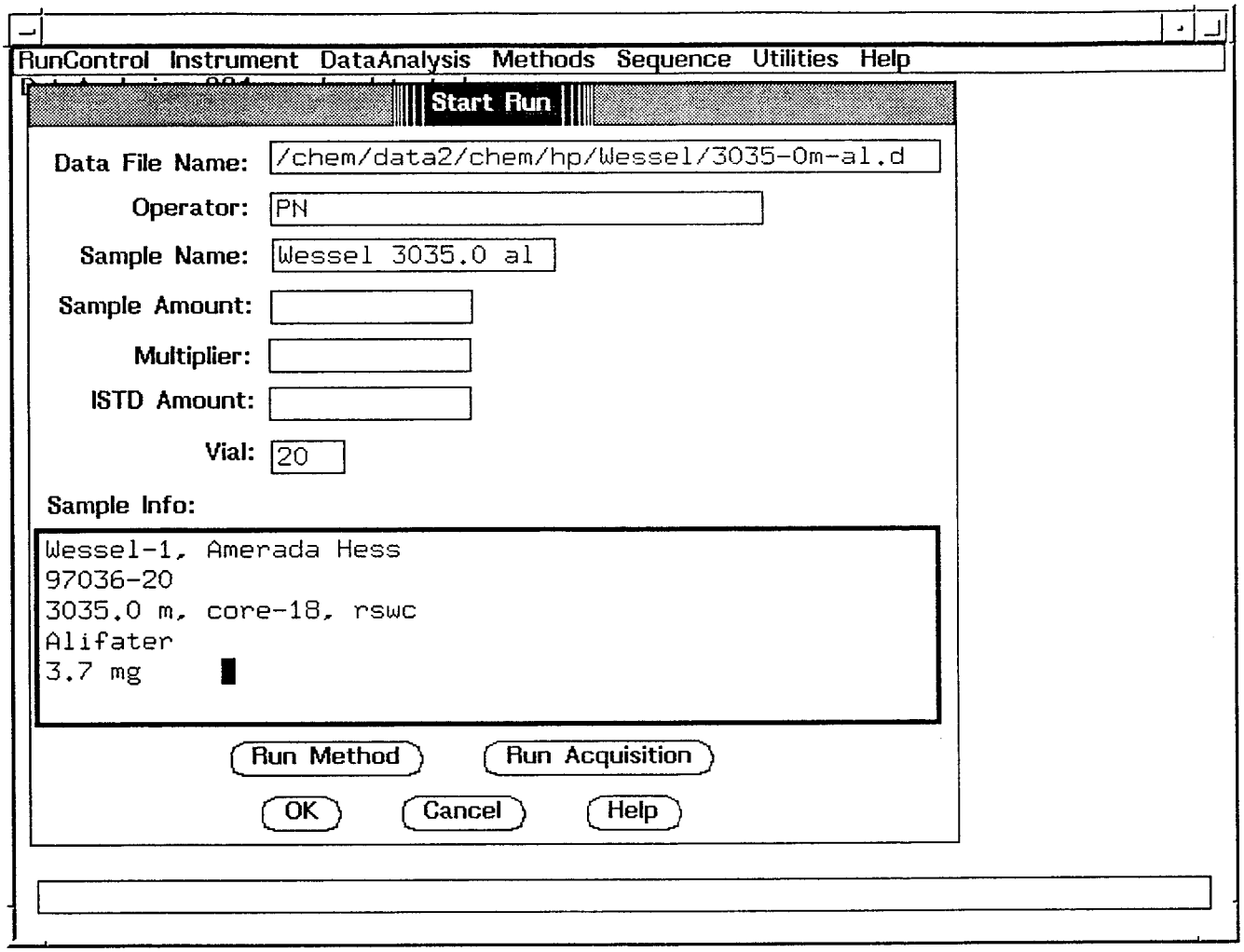
Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	30.630	VB	0.0295	316.30585	144.48293	0.02792
177	30.707	VB	0.0230	160.13020	103.64456	0.01413
178	30.754	VB	0.0293	344.85812	208.08682	0.03044
179	30.841	VB	0.0331	897.31641	453.95874	0.07920
180	30.900	VB	0.0328	988.32709	504.98730	0.08724
181	30.980	VB	0.0344	1993.30078	881.50586	0.17594
182	31.137	VB	0.0467	850.67755	227.18385	0.07509
183	31.433	VB	0.0395	2.80907e4	1.00891e4	2.47952
184	31.579	VB	0.0391	1716.67480	666.25116	0.15153
185	31.661	VB	0.0326	608.87988	257.61130	0.05374
186	31.804	VB	0.0672	1729.52234	314.47729	0.15266
187	31.961	VB	0.0604	1765.76343	400.51697	0.15586
188	32.074	VB	0.0196	108.06841	76.04072	0.00954
189	32.130	VB	0.0759	1931.66125	327.18265	0.17050
190	32.309	VB	0.0386	548.91956	202.43057	0.04845
191	32.384	VB	0.0352	1277.18127	569.33612	0.11273
192	32.488	VB	0.0480	1835.30200	522.35693	0.16200
193	32.581	VBA	0.0664	1764.73083	346.37128	0.15577
194	32.840	PB	0.0289	241.89119	105.04991	0.02135
195	32.956	VB	0.0393	2.11415e4	7888.97607	1.86612
196	33.007	VB	0.0538	371.45154	85.37664	0.03279
197	33.133	VB	0.0319	680.13135	332.55539	0.06003
198	33.214	VBA	0.0892	1338.24023	189.94383	0.11812
199	33.459	PBA	0.0762	2266.03467	371.38974	0.20002
200	33.620	BB	0.0334	663.09949	304.79004	0.05853
201	33.703	VB	0.0433	644.11859	219.10521	0.05686
202	33.816	VB	0.0290	509.35818	247.30412	0.04496
203	33.878	VB	0.0349	1412.32617	718.64886	0.12466
204	34.012	VB	0.0393	2065.42676	821.96021	0.18231
205	34.116	VB	0.0482	1448.70618	400.45877	0.12787
206	34.236	VBA	0.1328	1239.74780	112.26496	0.10943
207	34.426	BB	0.0435	2.01010e4	7212.89355	1.77428
208	34.530	VB	0.0527	1358.81189	389.55499	0.11994
209	34.647	VB	0.0511	8284.28906	2473.00879	0.73124
210	34.901	VBA	0.0884	2127.93994	316.52713	0.18783
211	35.076	PB	0.0208	114.48941	84.61091	0.01011
212	35.152	VB	0.0438	4513.71973	1607.88916	0.39842
213	35.315	VB	0.0592	3853.67456	877.71375	0.34016
214	35.493	VB	0.0515	3091.93140	744.37781	0.27292
215	35.590	VB	0.0302	431.96039	185.31955	0.03813
216	35.658	VB	0.0248	131.91522	77.82084	0.01164
217	35.840	VB	0.0428	1.85040e4	6205.51904	1.63331
218	35.923	VB	0.0449	1795.39063	599.36182	0.15848
219	36.075	VB	0.0369	477.93277	169.44299	0.04219
220	36.163	VB	0.0241	138.48300	76.54028	0.01222
221	36.217	VB	0.0256	492.22739	253.72113	0.04345
222	36.287	VB	0.0389	498.92749	188.23369	0.04404
223	36.460	VB	0.0689	4745.58984	880.02527	0.41888
224	36.635	VB	0.0367	607.18744	231.06113	0.05360

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	36.770	VB	0.0720	7072.74316	1330.98340	0.62430
226	36.946	VB	0.0606	3332.88794	753.44391	0.29419
227	37.015	VB	0.0373	1029.12390	383.31854	0.09084
228	37.203	VB	0.0385	9809.37109	4021.32324	0.86586
229	37.302	VB	0.0446	5599.48877	2001.57019	0.49426
230	37.388	VB	0.0365	1178.93066	519.82037	0.10406
231	37.522	VB	0.0575	3462.91870	784.47412	0.30567
232	37.630	VB	0.0300	744.55511	322.14798	0.06572
233	37.813	VB	0.0159	406.30014	480.08044	0.03586
234	37.876	VB	0.0370	1115.04517	500.66391	0.09842
235	37.990	VB	0.0406	1563.70581	527.00171	0.13803
236	38.092	VB	0.0368	477.41251	175.03438	0.04214
237	38.230	VB	0.0499	3239.62598	842.22540	0.28596
238	38.338	VB	0.0443	2076.54663	633.33228	0.18329
239	38.522	VB	0.0427	1.26446e4	4646.94873	1.11611
240	38.707	VB	0.0491	3937.72778	1090.11829	0.34758
241	38.788	VB	0.0296	382.80200	206.72981	0.03379
242	38.921	VB	0.0430	2059.79126	650.31970	0.18181
243	39.016	VB	0.0394	921.76398	331.47678	0.08136
244	39.118	VB	0.0376	1071.40283	422.08942	0.09457
245	39.176	VB	0.0275	309.04800	141.46420	0.02728
246	39.327	VB	0.0471	1166.59155	347.76016	0.10297
247	39.415	VB	0.0600	1170.85815	257.73380	0.10335
248	39.573	VB	0.0543	1668.60876	495.35040	0.14729
249	39.709	VB	0.0390	2572.20142	968.41974	0.22704
250	39.790	VB	0.0376	5865.50098	2570.71680	0.51774
251	39.877	VB	0.0499	3308.75146	1105.28040	0.29206
252	39.985	VB	0.0364	567.94971	233.45053	0.05013
253	40.101	VB	0.0445	428.93512	137.15146	0.03786
254	40.185	VB	0.0385	215.92091	95.09707	0.01906
255	40.365	VB	0.0736	3324.46655	582.79431	0.29344
256	40.573	VB	0.0467	1259.15125	400.27689	0.11114
257	40.716	VB	0.0312	235.26561	113.20786	0.02077
258	40.791	VB	0.0343	998.53186	460.48431	0.08814
259	40.846	VB	0.0379	1686.19702	704.49408	0.14884
260	41.030	VB	0.0421	9681.08008	3410.12061	0.85453
261	41.242	BB	0.0409	361.09723	114.22724	0.03187
262	41.392	VB	0.0529	1814.94470	505.00974	0.16020
263	41.565	VBA	0.1038	1297.62183	156.44354	0.11454
264	41.796	BBA	0.0832	1612.73157	234.65425	0.14235
265	41.920	BB	0.0345	312.39801	132.56656	0.02757
266	42.028	VB	0.0491	1920.76453	573.67523	0.16954
267	42.229	VBA	0.0486	9158.67383	2765.86206	0.80842
268	42.565	PBA	0.0792	1699.25598	263.79904	0.14999
269	43.013	BBA	0.0734	1866.48547	338.03189	0.16475
270	43.214	PBA	0.0945	1635.03357	231.33853	0.14432
271	43.395	BBA	0.0474	5727.99609	1834.27002	0.50560
272	43.726	BBA	0.0792	1561.44873	252.23042	0.13783
273	44.140	BBA	0.0779	1899.43518	336.05646	0.16766

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	44.423	PB	0.0419	795.77246	290.96204	0.07024
275	44.524	VBA	0.0544	5187.37305	1396.05920	0.45788
276	44.851	BBA	0.1093	1377.76953	155.62979	0.12161
277	45.310	PBA	0.1008	1302.54822	169.13774	0.11497
278	45.648	BBA	0.0716	4299.16211	855.72662	0.37948
279	46.576	PBA	0.0839	1575.48669	259.26892	0.13907
280	46.892	BBA	0.0713	2262.50635	460.27856	0.19971
281	47.074	BBA	0.0951	1639.79407	224.86151	0.14474
282	48.330	PBA	0.0870	1860.08142	297.33301	0.16419
283	50.010	BBA	0.1075	1673.80396	200.33496	0.14774
284	51.986	BBA	0.1117	1687.21875	184.48674	0.14893
Totals :				1.13291e6	3.51630e5	

Calibration Curves

*** End of Report ***

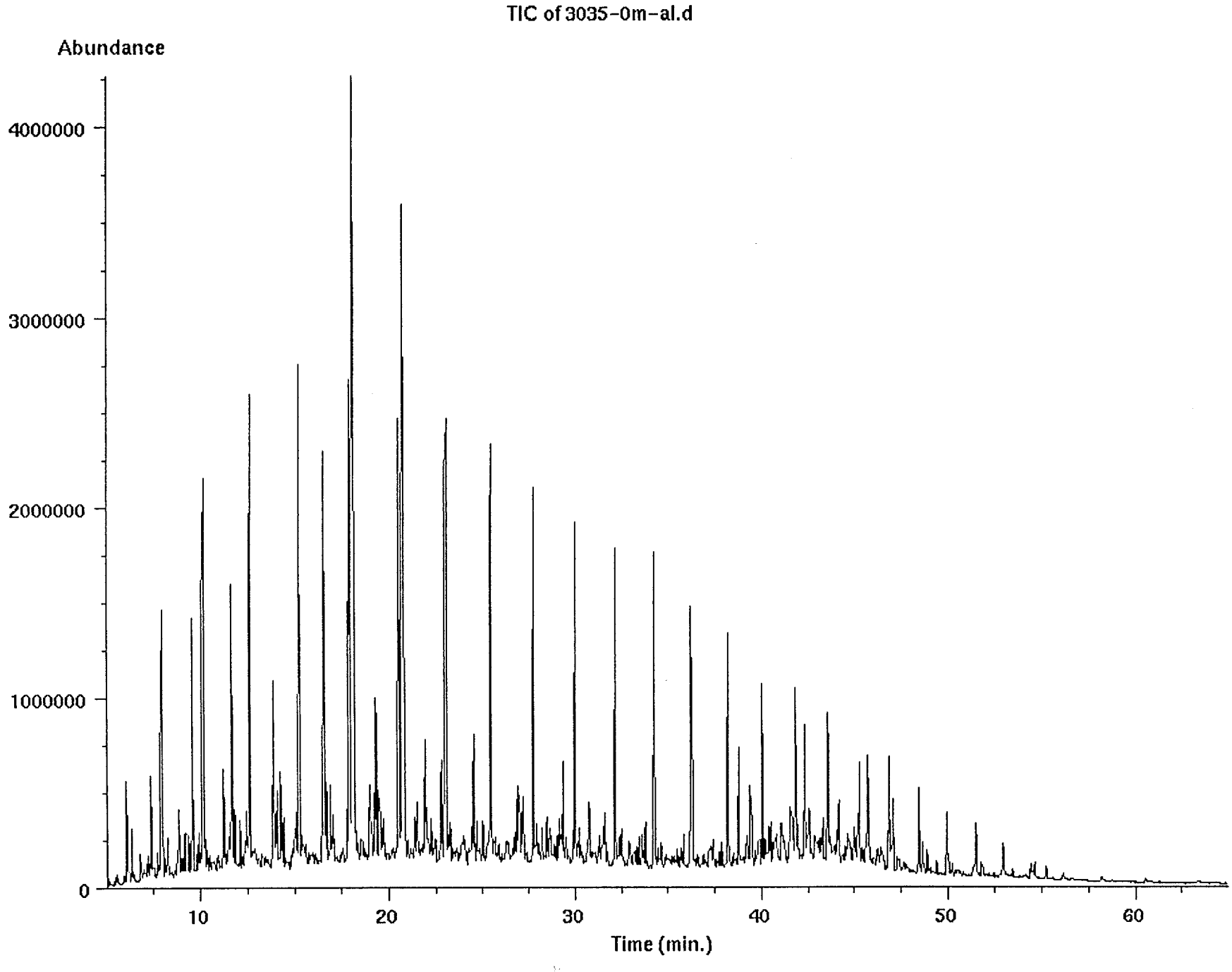

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3035-0m-al.d
Operator: PN
Sample Name: Wessel 3035.0 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 20
Sample Info:
Wessel-1, Amerada Hess
97036-20
3035.0 m, core-18, rswc
Alifater
3.7 mg
Run Method
Run Acquisition
OK
Cancel
Help

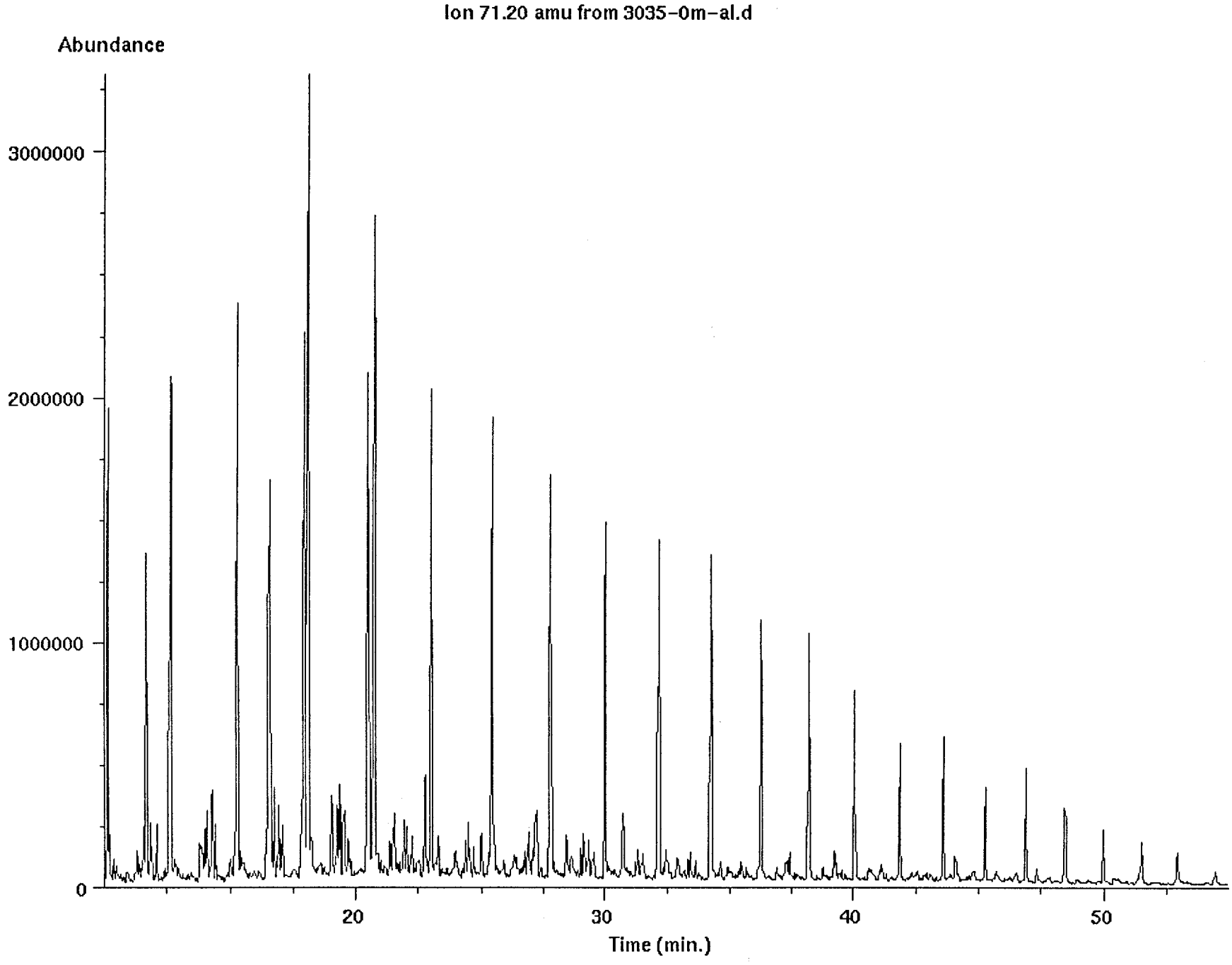
Data file: /chem/data2/chem/hp/Wessel/3035-0m-al.d
File type: GC / MS DATA FILE

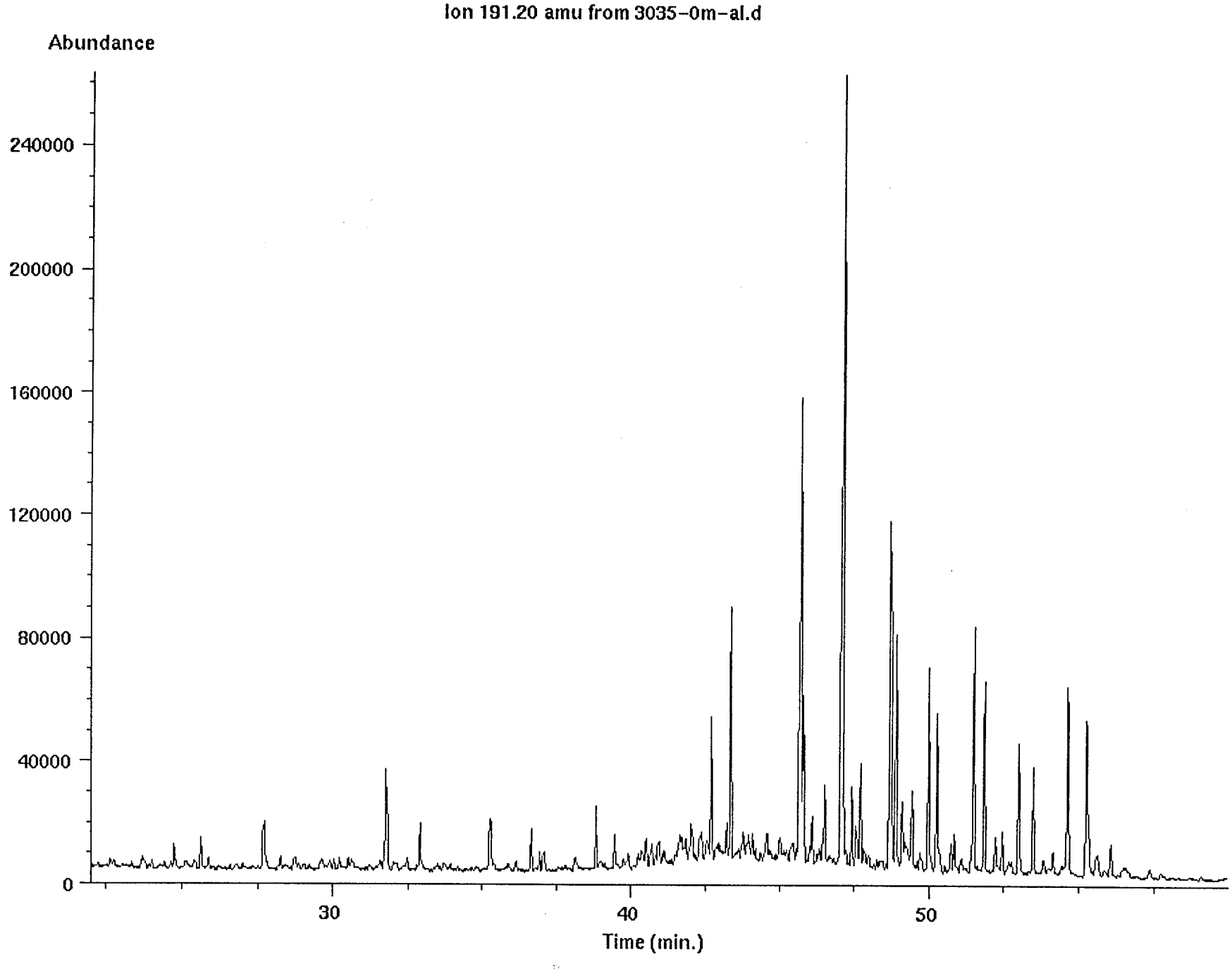
Name Info: Wessel 3035.0 al
Misc Info:
Operator : PN

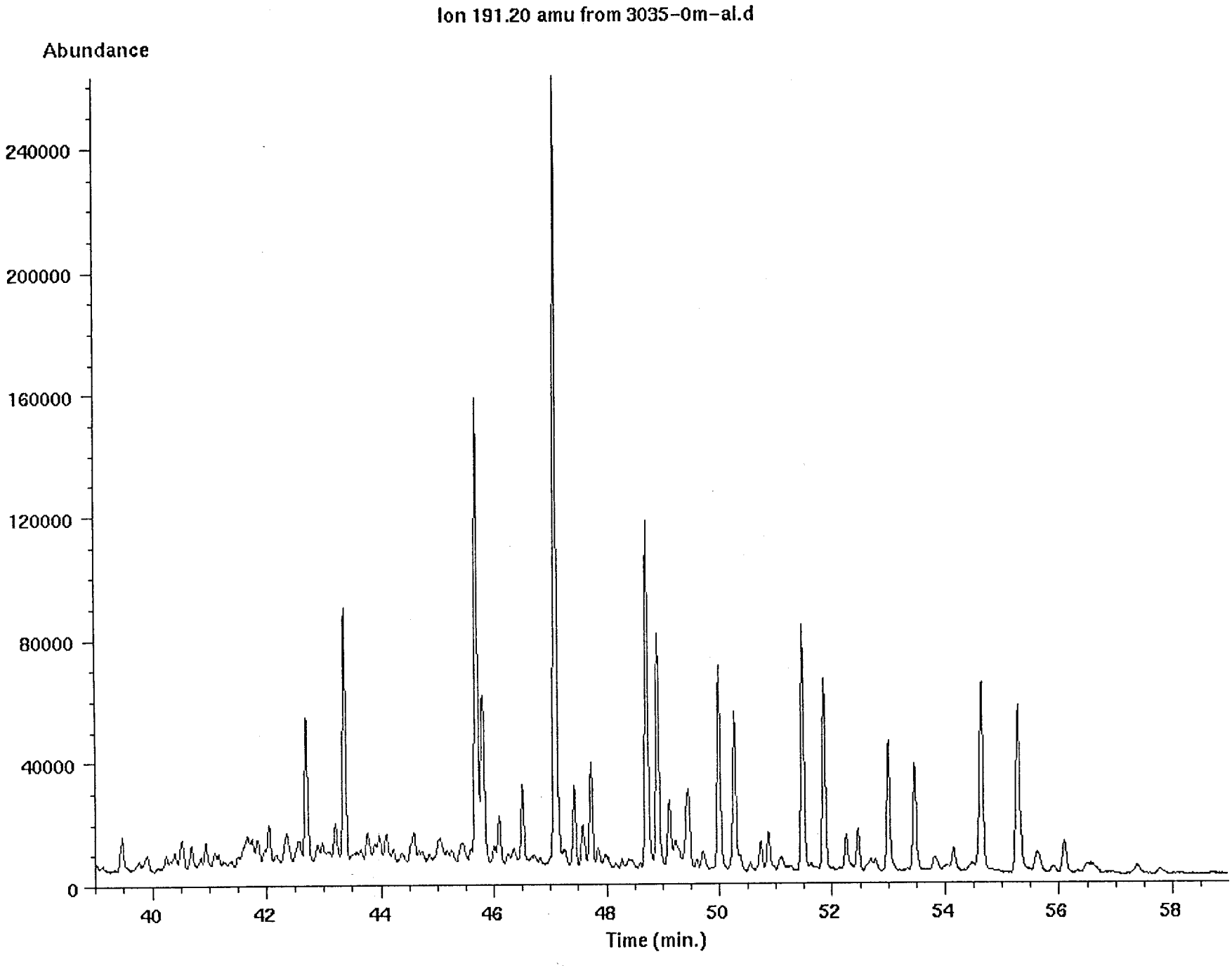
Date : Mon Jan 12 98 09:21:05 PM
Instrment: HP5971
Inlet : GC

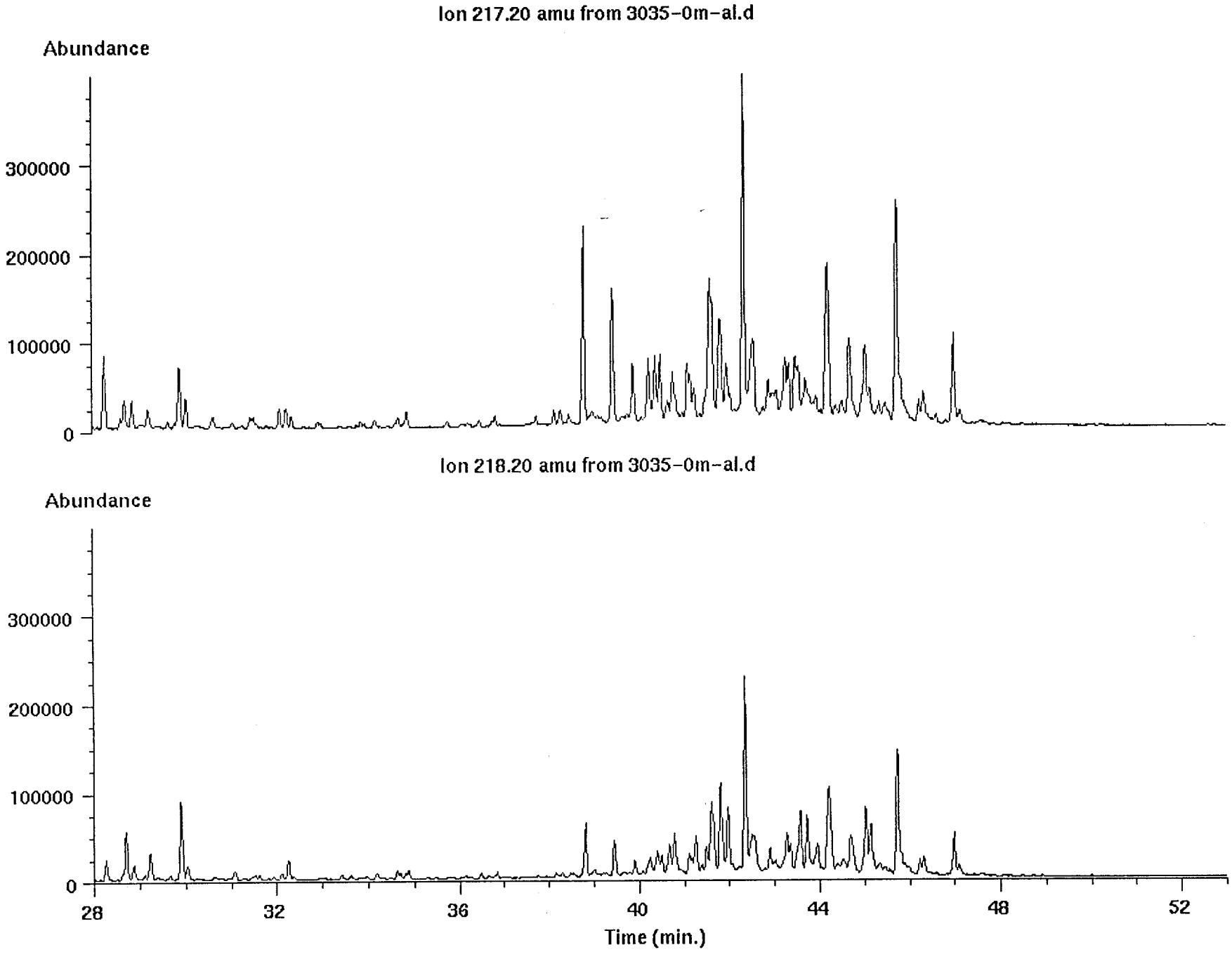
Sequence index : 0
Als bottle num : 20
Replicate num : 1

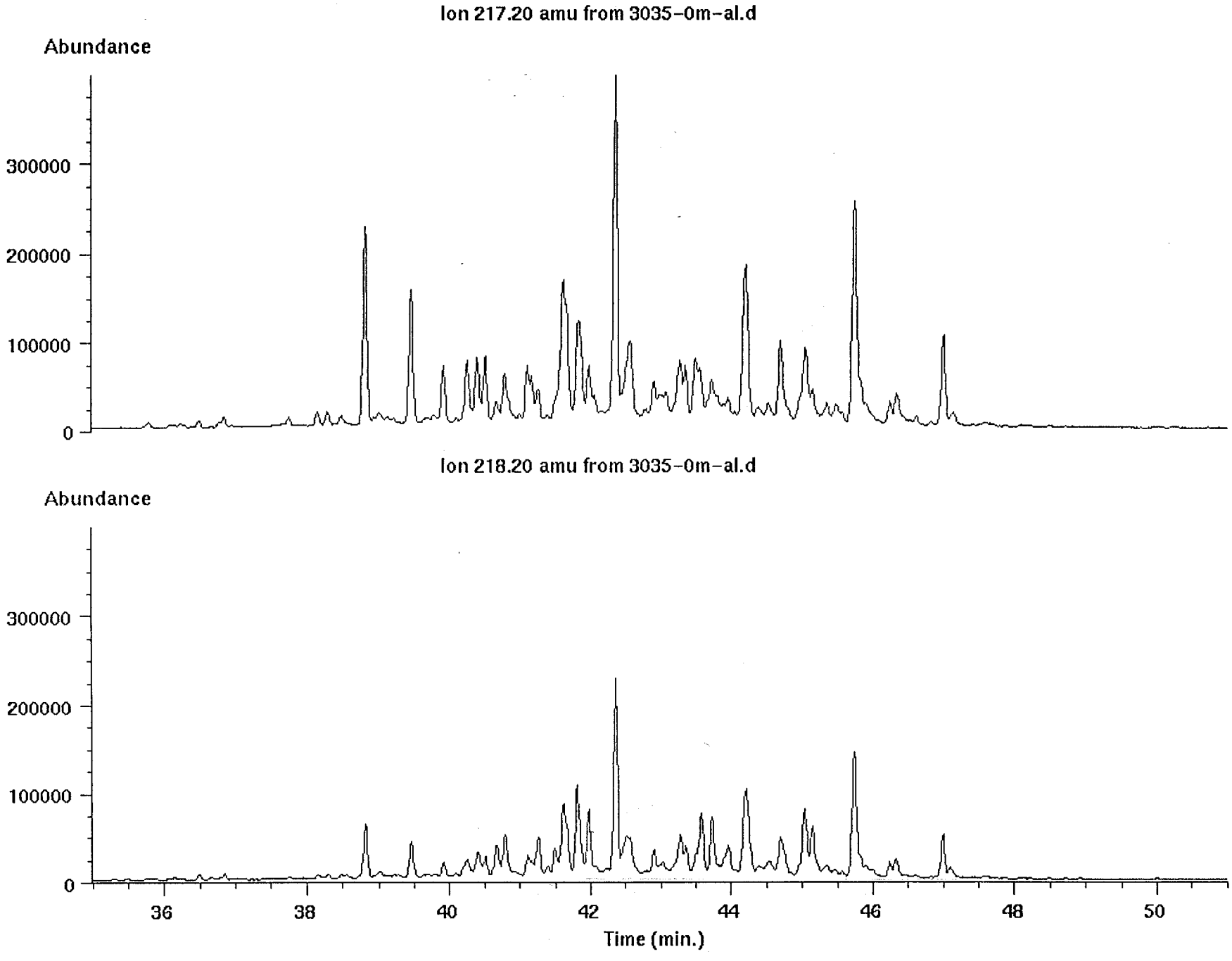

TIC of 3035-0m-al.d
Abundance
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

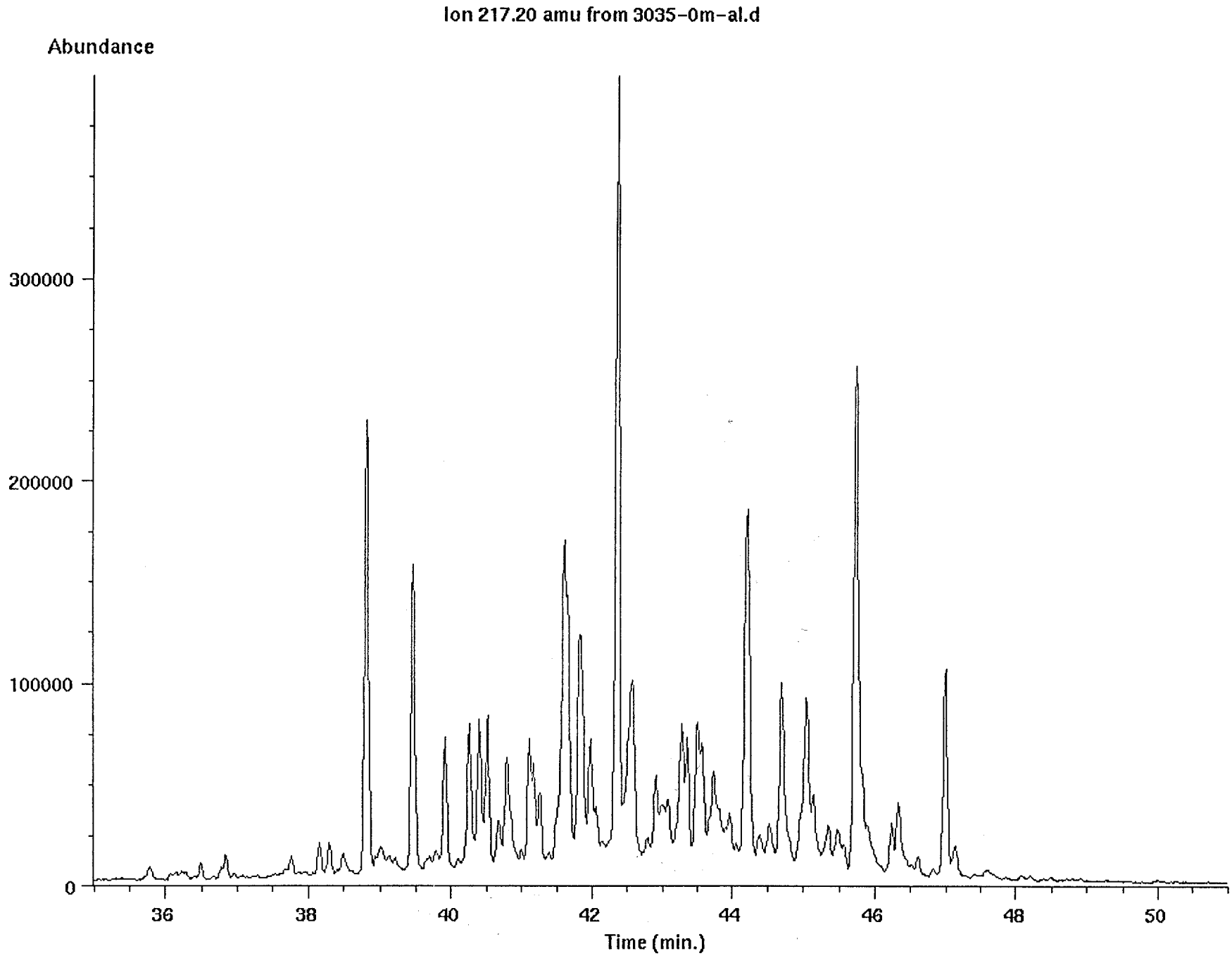

Ion 71.20 amu from 3035-0m-al.d
Abundance
3000000
2000000
1000000
0
20
30
40
50
Time (min.)

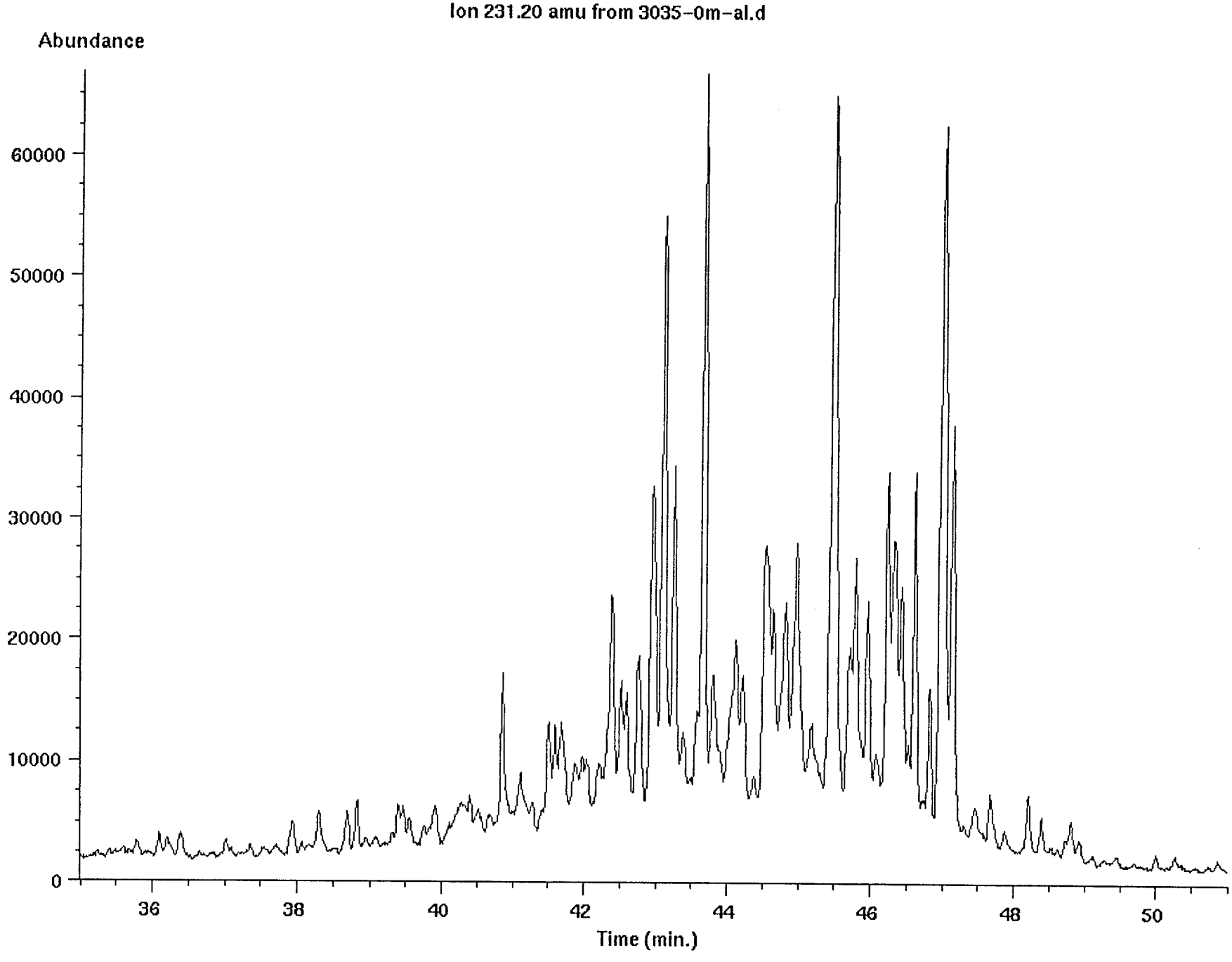

Ion 191.20 amu from 3035-0m-al.d
Abundance
240000
200000
160000
120000
80000
40000
0
30
40
50
Time (min.)

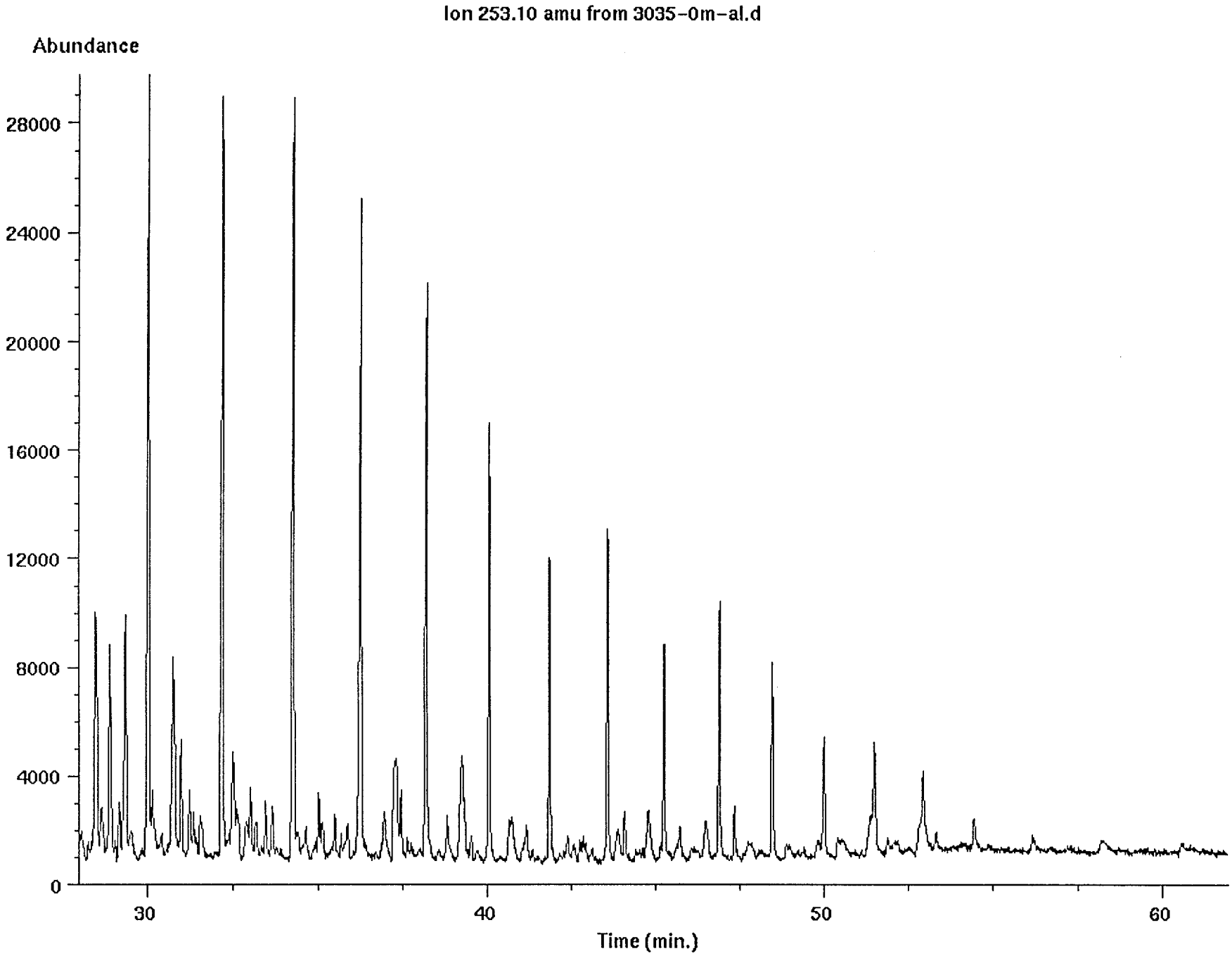

Ion 191.20 amu from 3035-0m-al.d
Abundance
240000
200000
160000
120000
80000
40000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

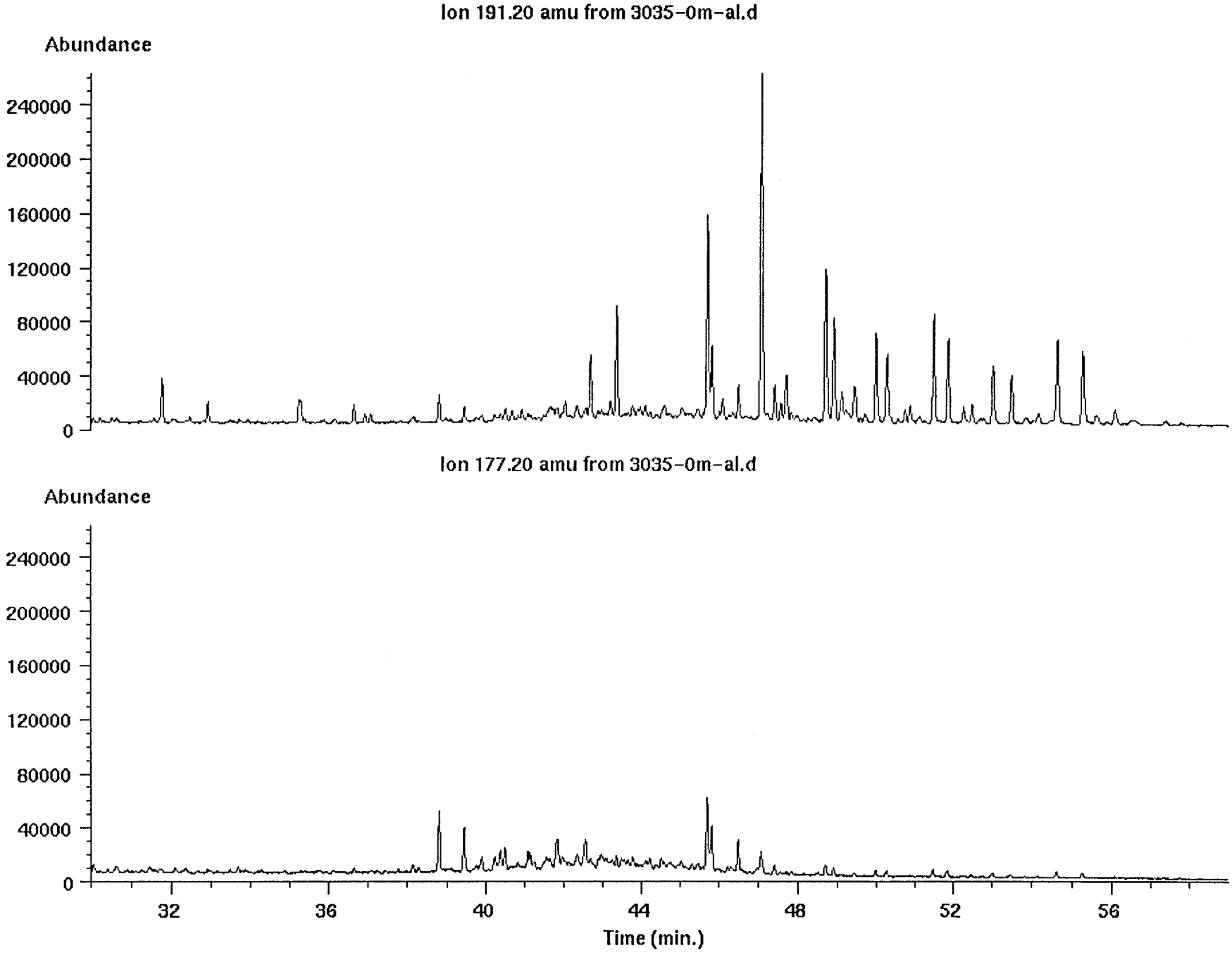

Ion 217.20 amu from 3035-0m-al.d
Abundance
300000
200000
100000
0
Ion 218.20 amu from 3035-0m-al.d
Abundance
300000
200000
100000
0
28
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3035-0m-al.d
Abundance
300000
200000
100000
0
Ion 218.20 amu from 3035-0m-al.d
Abundance
300000
200000
100000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3035-0m-al.d
Abundance
300000
200000
100000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3035-0m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3035-0m-al.d
Abundance
28000
24000
20000
16000
12000
8000
4000
0
30
40
50
60
Time (min.)

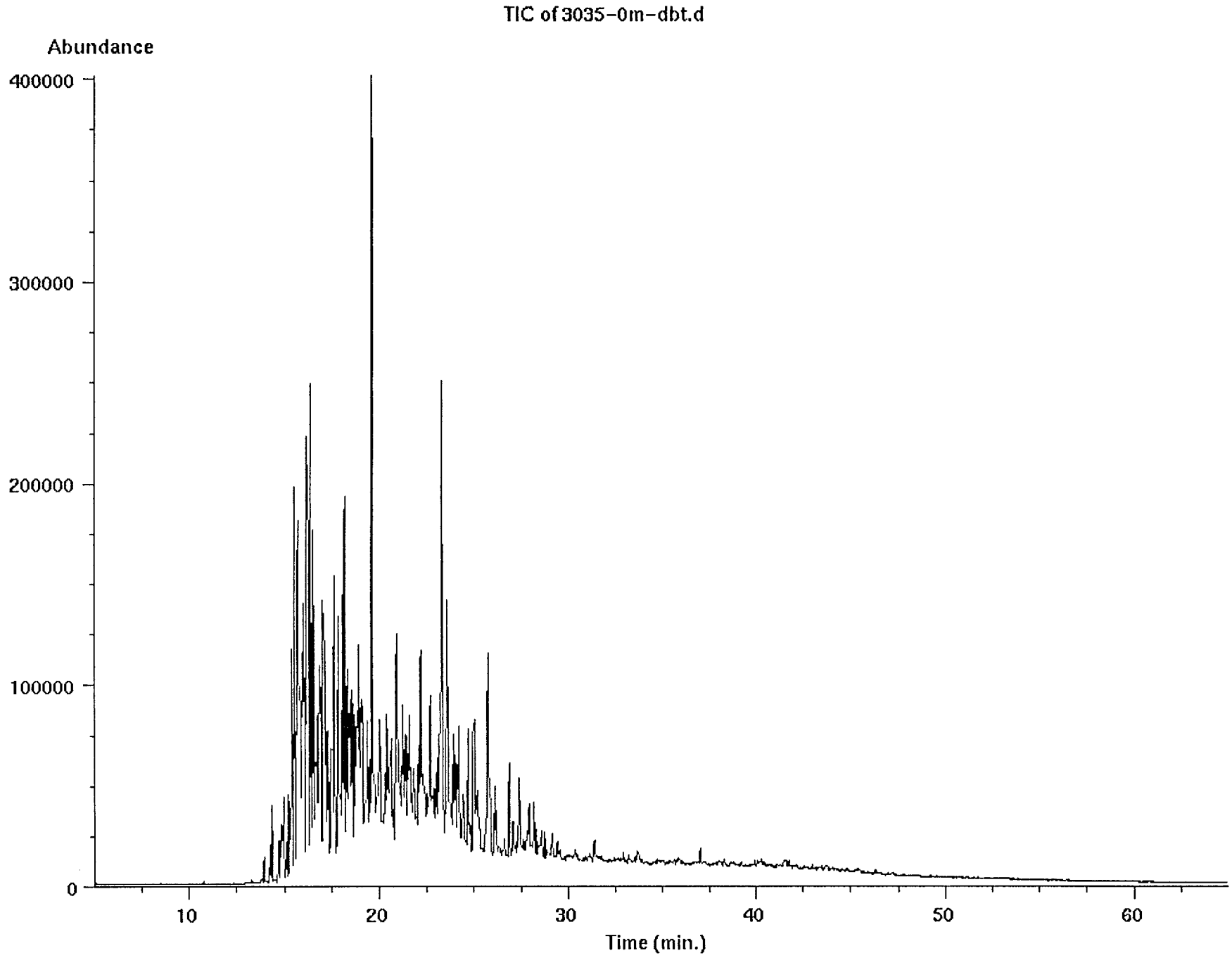

Ion 191.20 amu from 3035-0m-al.d
Abundance
240000
200000
160000
120000
80000
40000
0
Ion 177.20 amu from 3035-0m-al.d
Abundance
240000
200000
160000
120000
80000
40000
0
32
36
40
44
48
52
56
Time (min.)

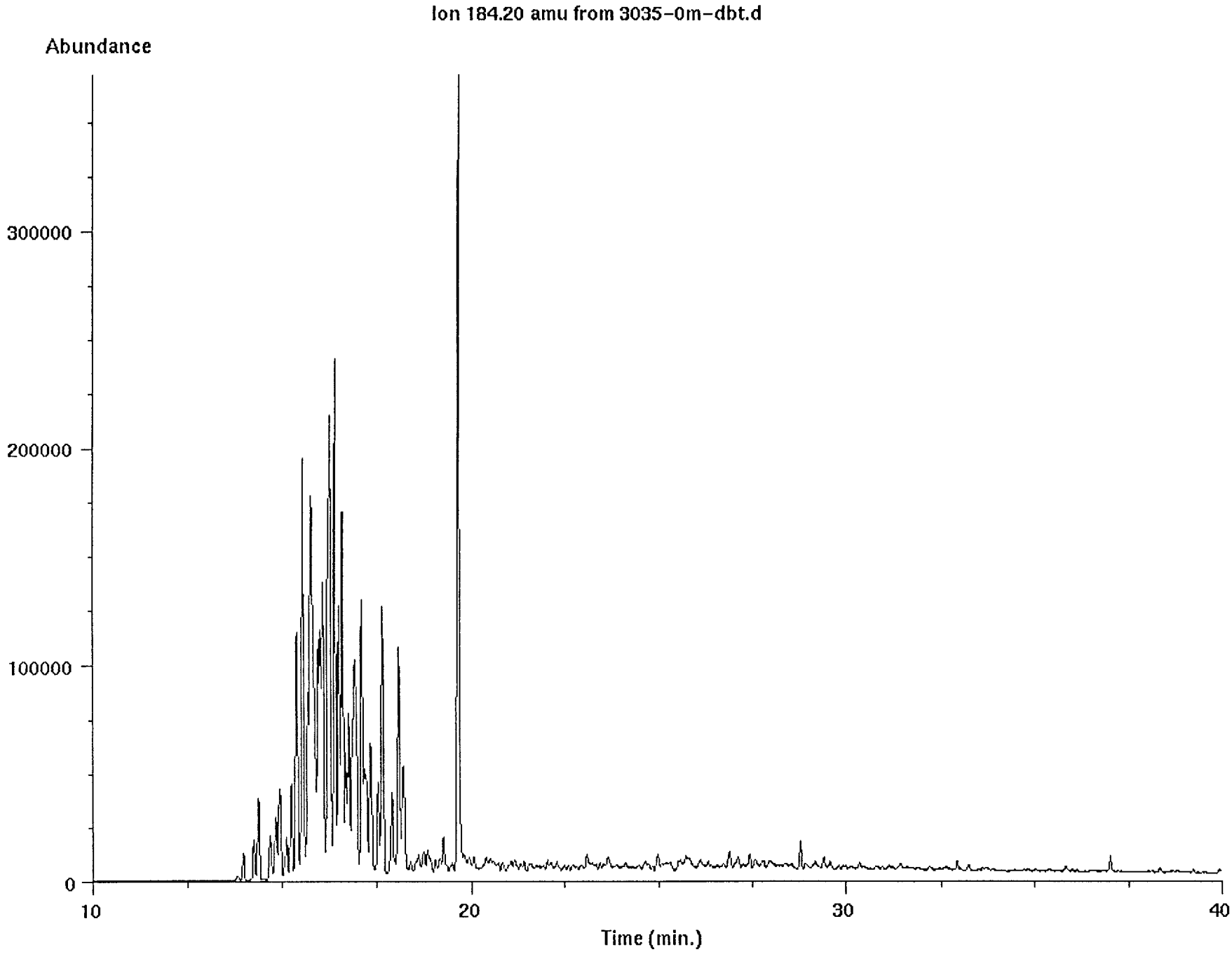
Data file: /chem/data2/chem/hp/Wessel/3035-0m-dbt.d
File type: GC / MS DATA FILE

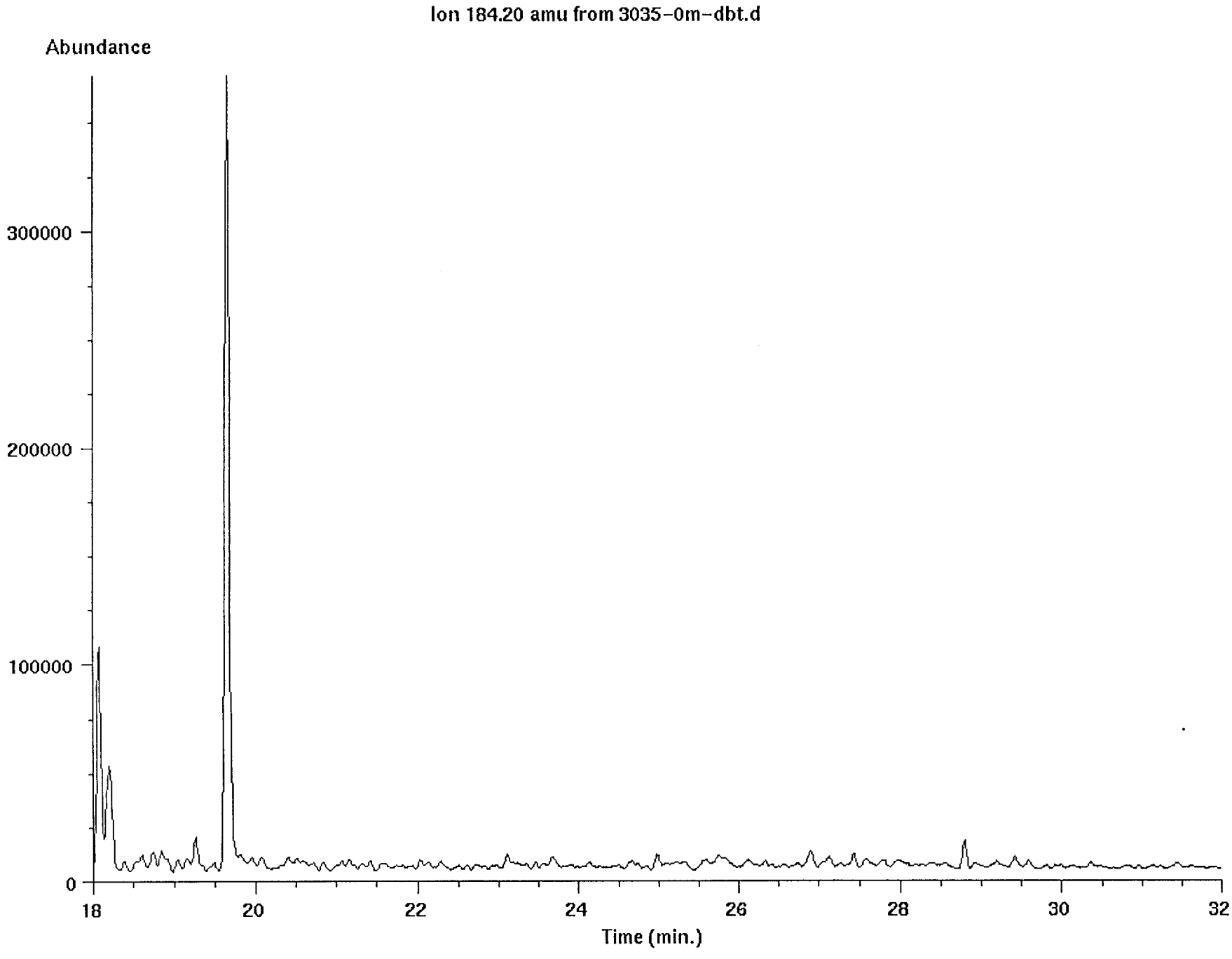
Name Info: Wessel 3035.0 ar
Misc Info:
Operator : PN

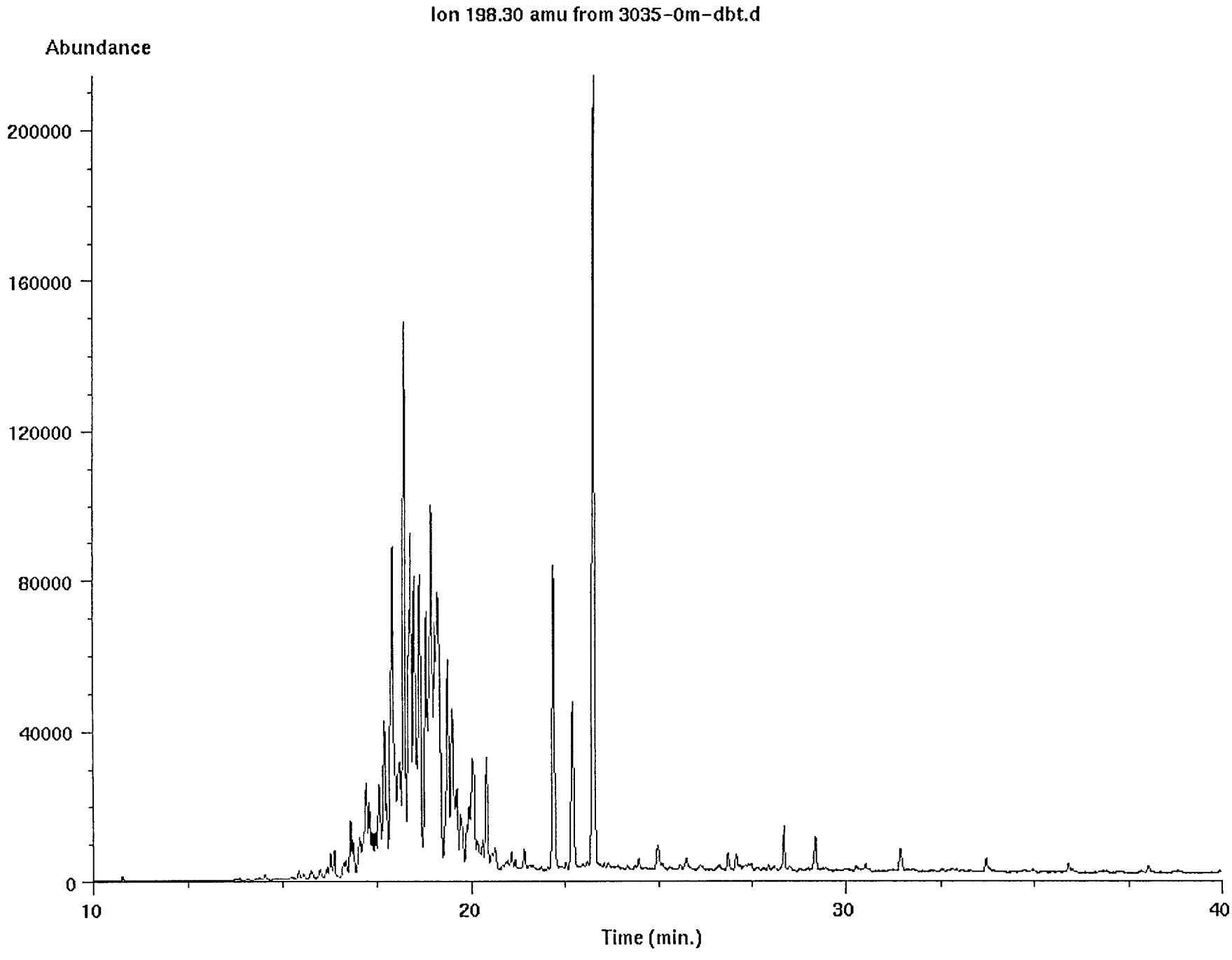
Date : Wed Jan 14 98 08:15:12 AM
Instrment: HP5971
Inlet : GC

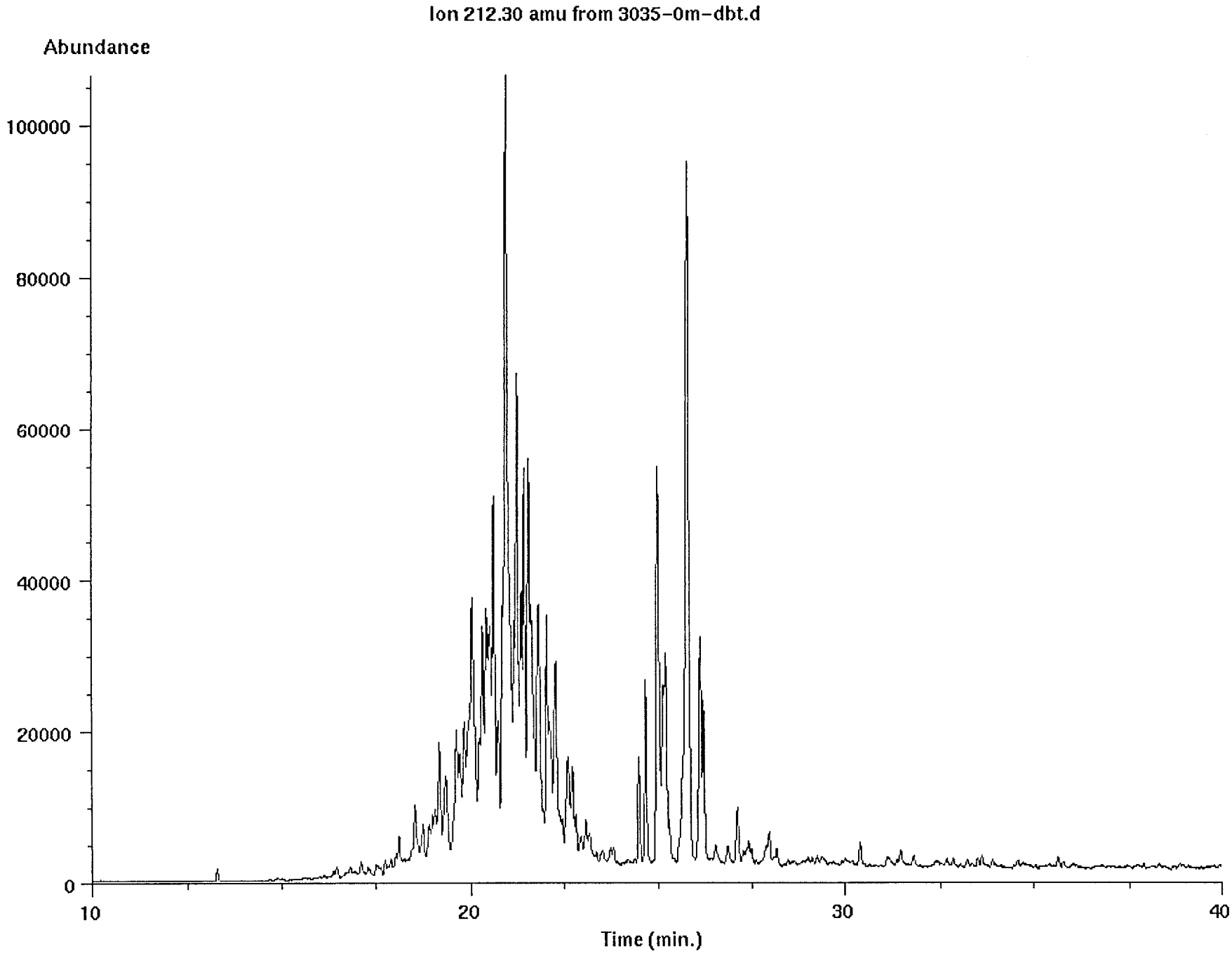
Sequence index : 4
Als bottle num : 20
Replicate num : 1

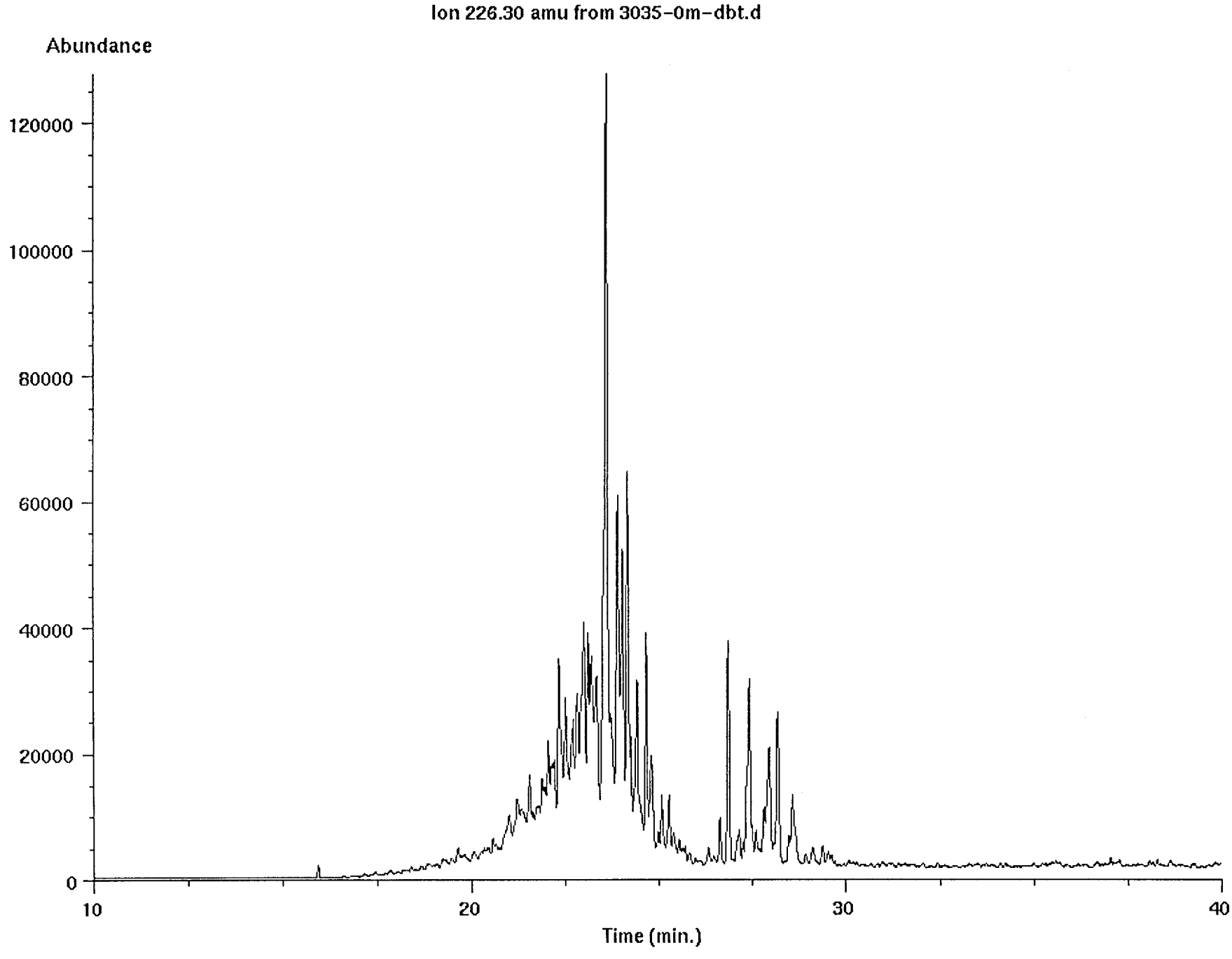

TIC of 3035-0m-dbt.d
Abundance
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

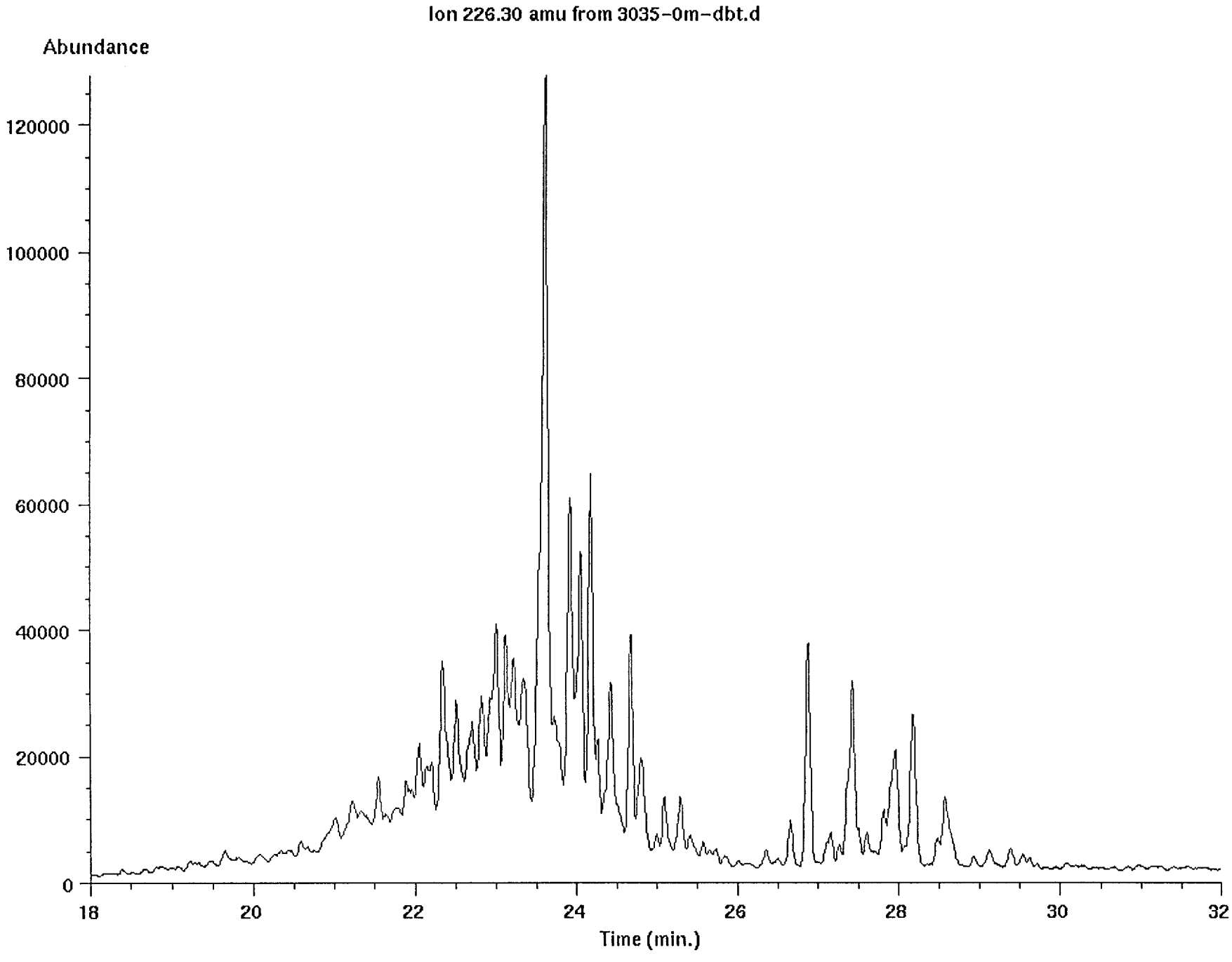

Ion 184.20 amu from 3035-0m-dbt.d
Abundance
300000
200000
100000
0
10
20
30
40
Time (min.)

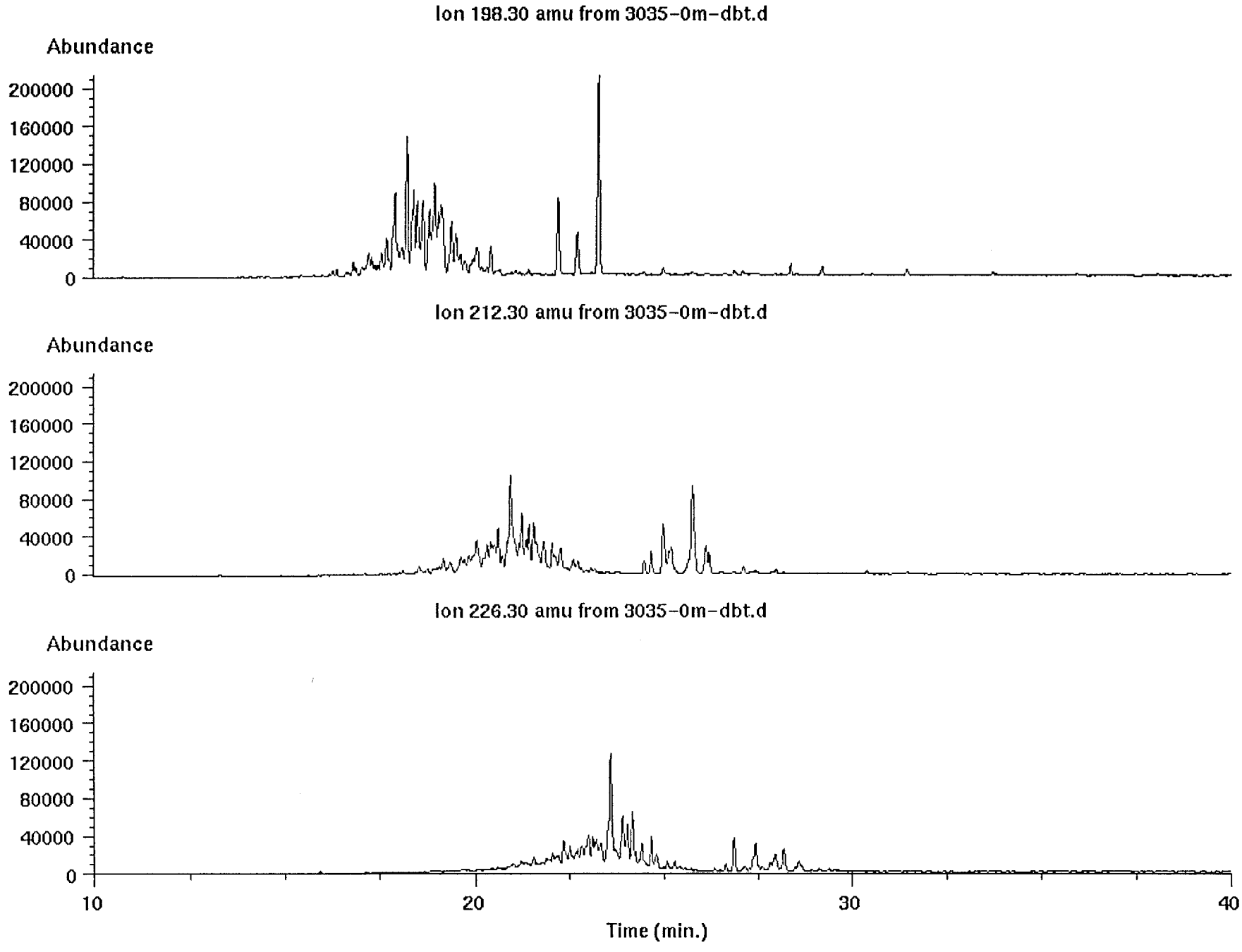

Ion 184.20 amu from 3035-0m-dbt.d
Abundance
300000
200000
100000
0
18
20
22
24
26
28
30
32
Time (min.)

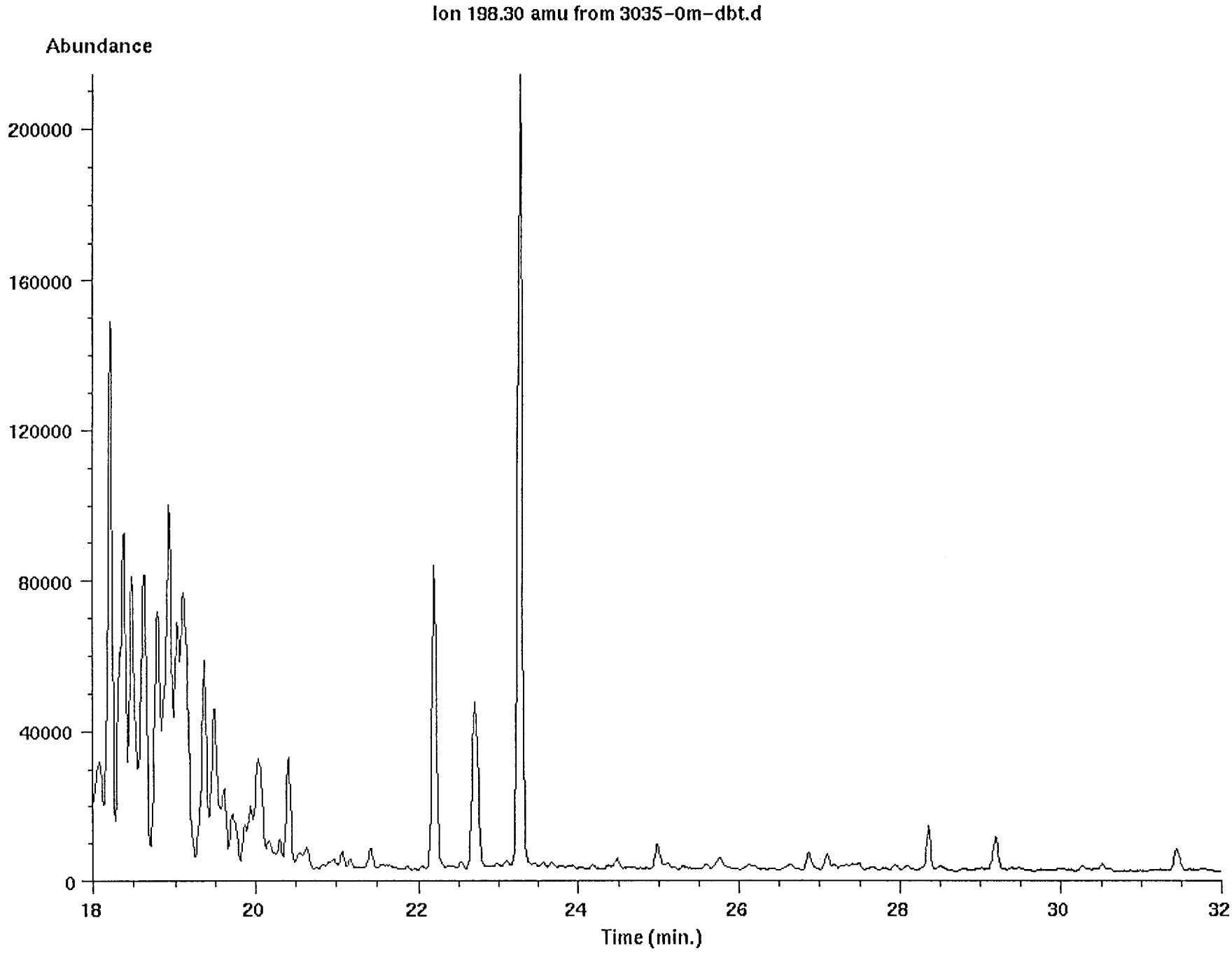

Ion 198.30 amu from 3035-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
10
20
30
40
Time (min.)

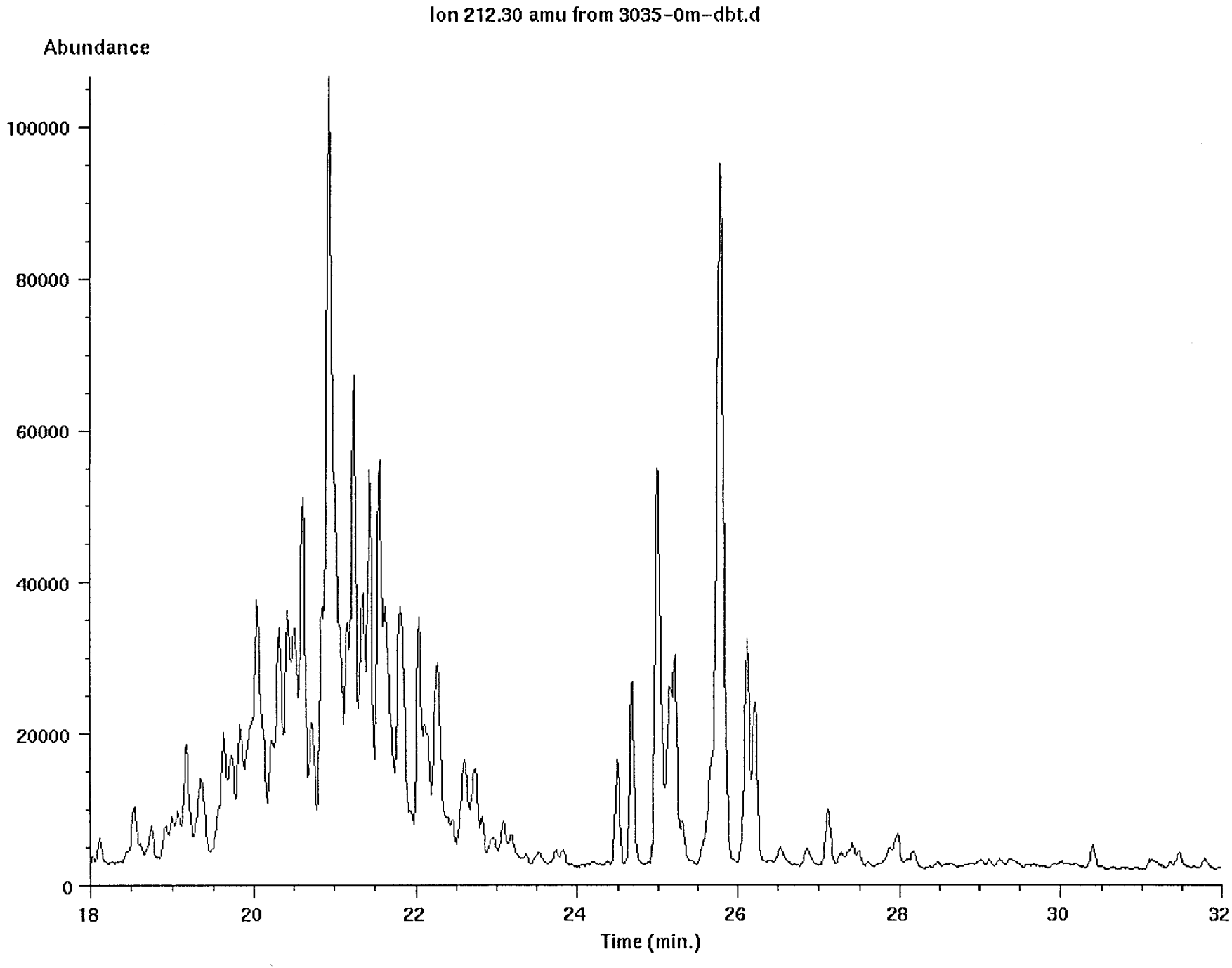

Ion 212.30 amu from 3035-0m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

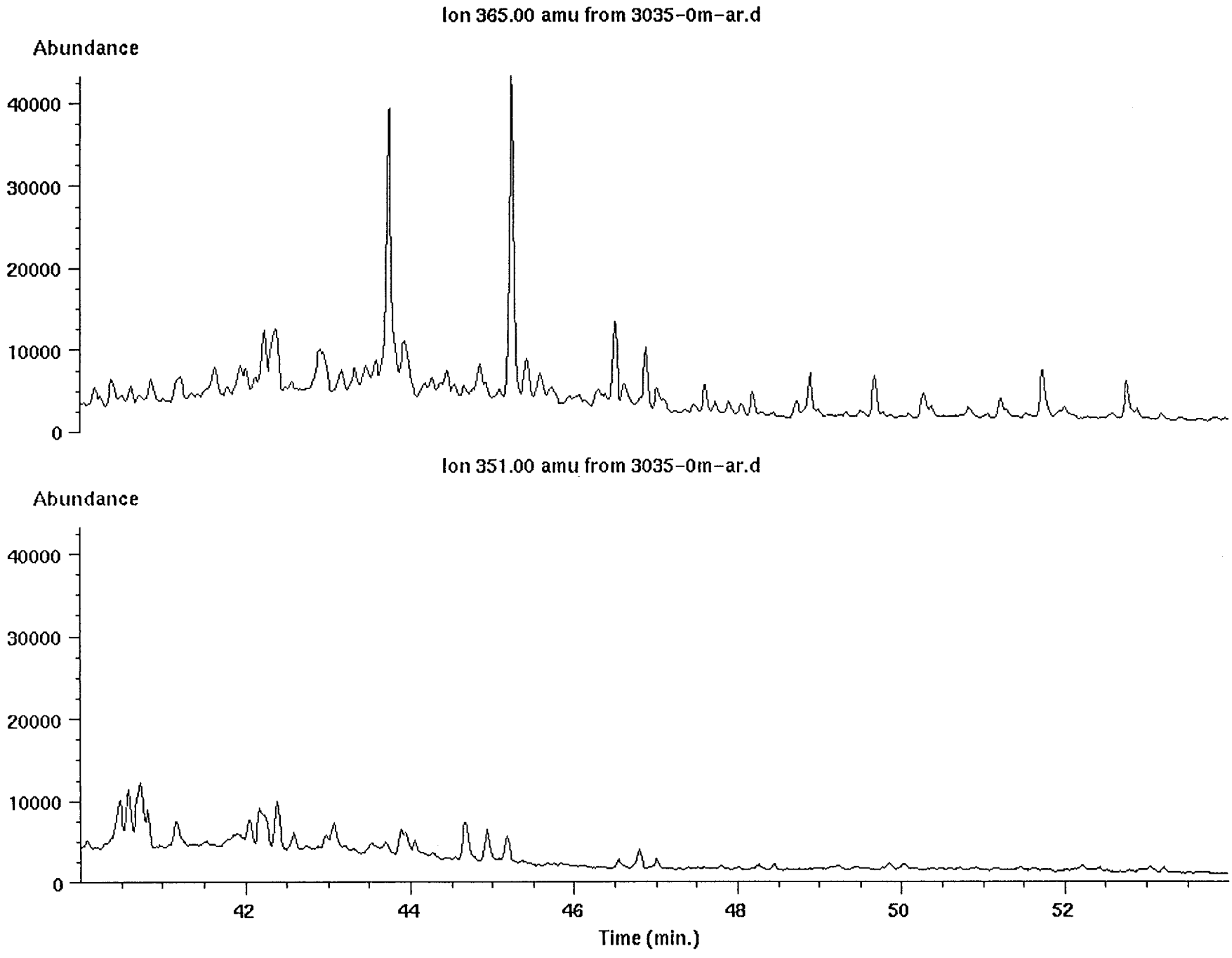

Ion 226.30 amu from 3035-0m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3035-0m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3035-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
Ion 212.30 amu from 3035-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
Ion 226.30 amu from 3035-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3035-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3035-0m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)

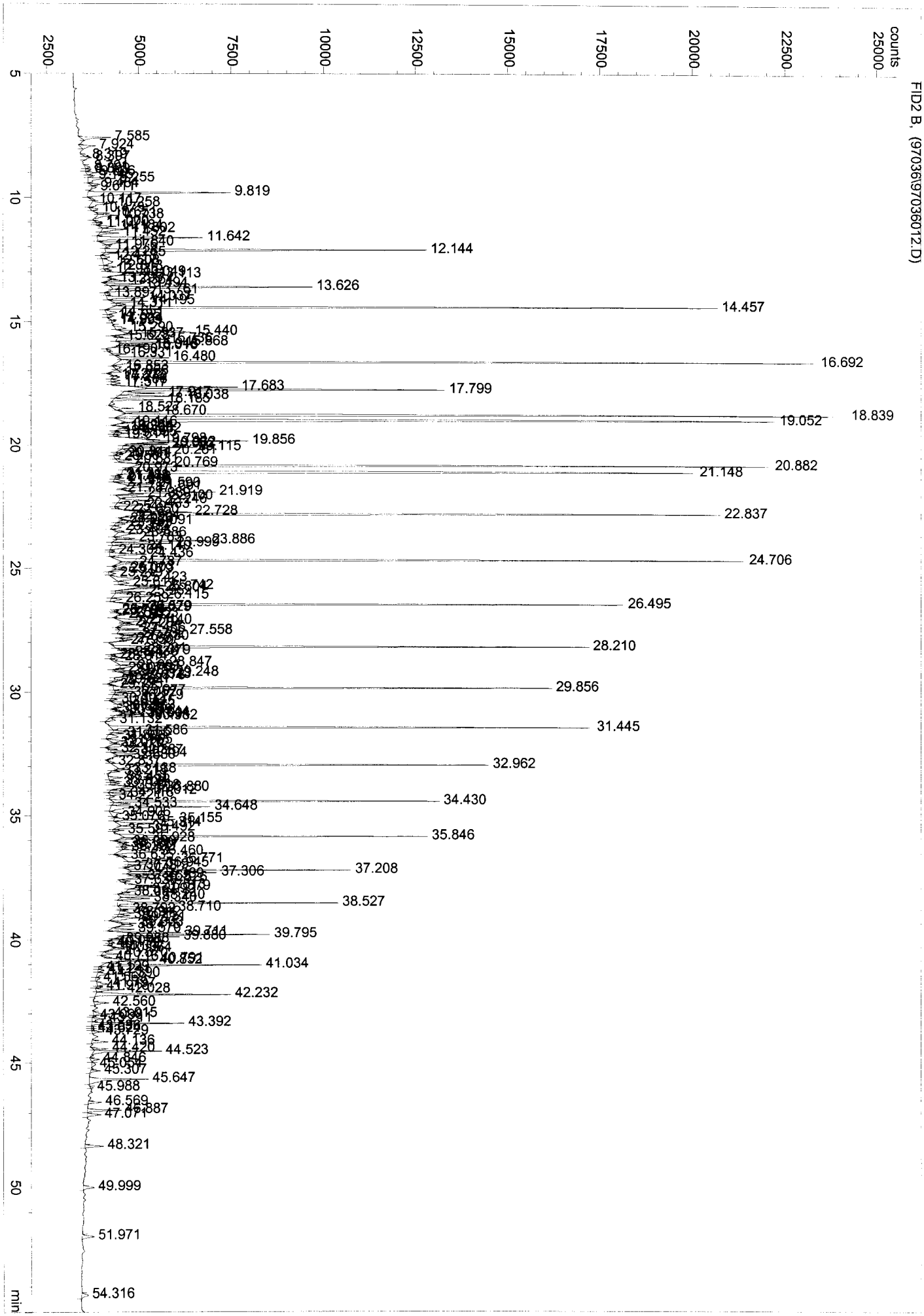

Ion 365.00 amu from 3035-0m-ar.d
Abundance
40000
30000
20000
10000
0
Ion 351.00 amu from 3035-0m-ar.d
Abundance
40000
30000
20000
10000
0
42
44
46
48
50
52
Time (min.)

97036-19, WESSEL-1, CORE 17, 3037.0 M, AMERADA HESS, GR
OVKNUST, ALI: 7.1 MG, KØRT d. 16. DECEMBER 1997.

==========

Injection Date	: 16-12-97 20:20:07	Seq. Line	: 6
Sample Name	: 3037.0 M	Vial	: 6
Acq. Operator	: DD	Inj	: 1
		Inj Volume	: 1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:31:32 by per (modified after loading)		

Metode baseret på Norsk Industristandard


2500
5000
7500
10000
12500
15000
17500
20000
22500
25000
counts
FID2 B, (97036\97036012.D)
5
10
15
20
25
30
35
40
45
50
min
7.585
9.819
11.642
12.144
13.626
14.457
15.440
16.480
16.692
17.683
17.799
18.839
19.052
19.856
20.769
20.882
21.148
21.919
22.728
22.837
23.886
24.706
26.495
27.558
28.210
29.856
31.445
32.962
34.430
34.648
35.846
37.208
37.306
38.527
39.795
41.034
42.232
42.560
43.392
44.523
45.307
45.647
45.988
46.569
47.071
48.321
49.999
51.971
54.316

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	7.585	PBA	0.0594	3652.89844	845.95044	0.27194
2	7.924	PBA	0.0804	2591.22192	435.55670	0.19291
3	8.319	PB	0.0398	355.18356	134.34052	0.02644
4	8.397	VBA	0.0950	1246.54016	169.06708	0.09280
5	8.791	PB	0.0656	655.93988	137.52589	0.04883
6	8.899	VB	0.0420	453.50510	151.15150	0.03376
7	9.006	VB	0.0539	1047.89954	284.88254	0.07801
8	9.145	VB	0.0400	481.86322	187.50961	0.03587
9	9.255	VB	0.0573	3078.26270	758.61377	0.22916
10	9.484	VB	0.0478	837.45953	280.56915	0.06235
11	9.611	VBA	0.1265	1249.97900	125.14832	0.09306
12	9.819	PB	0.0633	1.73110e4	3864.27173	1.28873
13	10.117	VB	0.0663	485.91794	92.49030	0.03617
14	10.258	VB	0.0727	3186.67334	602.61340	0.23723
15	10.473	VB	0.0581	928.15564	220.34697	0.06910
16	10.651	VB	0.0376	829.99542	363.64069	0.06179
17	10.738	VB	0.0619	2271.22852	530.82245	0.16908
18	11.000	VB	0.0381	472.19589	177.35693	0.03515
19	11.070	VB	0.0395	391.19003	149.62746	0.02912
20	11.184	VB	0.0465	1471.77930	470.16019	0.10957
21	11.302	VB	0.0557	2770.77344	707.01874	0.20627
22	11.452	VB	0.0441	1616.37354	522.67084	0.12033
23	11.642	VB	0.0617	1.24452e4	2861.66284	0.92649
24	11.840	VB	0.0505	2386.48633	705.21356	0.17766
25	11.976	VB	0.0510	525.73914	127.88577	0.03914
26	12.144	VB	0.0504	3.01588e4	8698.50684	2.24519
27	12.265	VB	0.0418	1115.93066	397.05371	0.08308
28	12.418	VB	0.0507	993.17719	243.02705	0.07394

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	12.608	VB	0.1119	2466.47144	274.41278	0.18362
30	12.813	VB	0.0513	1249.92737	344.95465	0.09305
31	12.938	VB	0.0380	538.39563	196.20206	0.04008
32	13.049	VB	0.0330	940.65735	477.19995	0.07003
33	13.113	VB	0.0373	1908.62512	846.79138	0.14209
34	13.295	VB	0.0361	378.57288	141.87903	0.02818
35	13.364	VB	0.0420	1410.86816	499.44138	0.10503
36	13.494	VB	0.0517	3340.53760	980.87476	0.24869
37	13.626	VB	0.0514	1.79205e4	5438.64209	1.33410
38	13.761	VB	0.0460	3401.68213	1133.50720	0.25324
39	13.897	VB	0.0448	514.77356	143.82777	0.03832
40	14.037	VB	0.0637	4375.42480	1027.20862	0.32573
41	14.195	VB	0.0488	3270.09912	983.30804	0.24344
42	14.311	VB	0.0494	777.98505	256.52753	0.05792
43	14.457	VB	0.0450	4.93679e4	1.64514e4	3.67522
44	14.651	VB	0.0686	1553.72498	289.39276	0.11567
45	14.785	VB	0.0443	592.66132	185.56799	0.04412
46	14.934	VB	0.0355	312.49094	155.25421	0.02326
47	14.999	VBA	0.1219	1126.80505	112.44743	0.08389
48	15.290	BB	0.0606	1468.57556	297.24768	0.10933
49	15.440	VB	0.0638	8508.08691	1810.71802	0.63339
50	15.537	VB	0.0346	838.20898	398.13916	0.06240
51	15.628	VB	0.0338	460.26596	208.08736	0.03426
52	15.736	VB	0.0536	5053.79980	1321.33496	0.37623
53	15.868	VB	0.0382	4039.10596	1670.89783	0.30069
54	15.948	VB	0.0361	1731.72229	803.55878	0.12892
55	16.016	VBA	0.0480	2994.62817	918.40173	0.22294
56	16.190	BB	0.0342	285.40524	110.33649	0.02125
57	16.331	VB	0.0396	947.76306	373.92224	0.07056
58	16.480	VB	0.0585	5783.16455	1362.04382	0.43053
59	16.692	VB	0.0427	5.63616e4	1.89587e4	4.19588
60	16.853	VBA	0.0960	1769.25024	234.48418	0.13171
61	17.055	BB	0.0466	1003.42920	288.30707	0.07470
62	17.202	VB	0.0418	383.88480	140.82362	0.02858
63	17.272	VB	0.0532	726.72046	179.71326	0.05410
64	17.406	VB	0.0425	771.33374	253.17474	0.05742
65	17.517	VB	0.0465	848.07373	250.19168	0.06314
66	17.683	VB	0.0502	7773.56494	2651.56519	0.57871
67	17.799	VB	0.0500	2.66509e4	8396.68652	1.98404
68	17.917	VB	0.0421	3346.41333	1143.68213	0.24913
69	18.038	VB	0.0401	4607.47949	1728.33557	0.34301
70	18.185	VB	0.0492	4562.84082	1357.28613	0.33968
71	18.527	VB	0.0487	1872.07019	550.10846	0.13937
72	18.670	VB	0.0409	2637.12866	1027.35938	0.19632
73	18.839	VB	0.0471	6.44606e4	1.97174e4	4.79881
74	19.052	VB	0.0531	6.98148e4	1.76510e4	5.19741
75	19.116	VB	0.0310	417.20978	180.38467	0.03106
76	19.264	VB	0.0321	343.74780	181.12904	0.02559
77	19.306	VB	0.0214	123.75025	78.53530	0.00921

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	19.382	VB	0.0480	1378.54834	422.88794	0.10263
79	19.476	VB	0.0275	176.10579	110.96466	0.01311
80	19.535	VB	0.0338	929.68372	420.62210	0.06921
81	19.611	VB	0.0289	399.88849	194.86031	0.02977
82	19.798	VB	0.0812	2121.30444	328.94177	0.15792
83	19.856	VB	0.0335	5385.16895	2559.61084	0.40090
84	19.932	VB	0.0378	1726.94543	723.88226	0.12856
85	20.002	VB	0.0318	2099.21899	1125.27209	0.15628
86	20.115	VB	0.0408	5103.26563	1932.97156	0.37992
87	20.261	VB	0.0393	3639.63208	1400.83997	0.27095
88	20.344	VB	0.0293	401.61163	220.39902	0.02990
89	20.401	VB	0.0312	381.96448	192.01836	0.02844
90	20.500	VB	0.0644	873.68658	168.80159	0.06504
91	20.631	VB	0.0456	1203.50427	406.09665	0.08960
92	20.769	VB	0.0320	2072.12427	1009.26642	0.15426
93	20.882	VB	0.0425	5.10541e4	1.72748e4	3.80075
94	20.973	VB	0.0383	399.63907	144.15862	0.02975
95	21.148	VB	0.0546	6.20131e4	1.55415e4	4.61660
96	21.211	VB	0.0228	131.58794	86.05646	0.00980
97	21.288	VB	0.0309	353.56894	188.43185	0.02632
98	21.346	VB	0.0342	504.70157	242.90921	0.03757
99	21.465	VB	0.0428	1019.10657	314.28983	0.07587
100	21.590	VB	0.0624	3835.24097	821.85132	0.28552
101	21.691	VB	0.0469	2316.63086	731.77344	0.17246
102	21.787	VB	0.0175	74.01274	59.65193	0.00551
103	21.919	VB	0.0546	8197.18848	2299.34253	0.61024
104	21.989	VB	0.0298	744.79425	418.09607	0.05545
105	22.100	VB	0.0406	3549.00391	1309.90479	0.26421
106	22.246	VB	0.0419	3100.35083	1098.56360	0.23081
107	22.433	VB	0.0602	2931.53735	740.53009	0.21824
108	22.549	VB	0.0364	298.79401	110.98208	0.02224
109	22.650	VB	0.0365	406.20096	166.24968	0.03024
110	22.728	VB	0.0316	796.93048	412.17236	0.05933
111	22.837	VB	0.0430	4.38688e4	1.55095e4	3.26584
112	22.904	VB	0.0330	488.40891	189.98221	0.03636
113	23.026	VB	0.0336	316.62344	120.89020	0.02357
114	23.091	VB	0.0495	1996.95642	695.74579	0.14866
115	23.185	VB	0.0492	977.85284	270.15201	0.07280
116	23.332	VB	0.0534	1125.29687	255.36908	0.08377
117	23.493	VB	0.0542	839.94482	212.10100	0.06253
118	23.586	VB	0.0735	3357.82812	607.56451	0.24998
119	23.783	VB	0.0449	1462.84265	519.22144	0.10890
120	23.886	VB	0.0601	9156.27832	2535.81470	0.68164
121	23.999	VB	0.0391	4246.38330	1644.41064	0.31612
122	24.140	VB	0.0598	3818.57007	876.79797	0.28428
123	24.305	VB	0.0325	364.43140	139.49184	0.02713
124	24.436	VB	0.0627	4236.30762	994.61627	0.31537
125	24.706	VB	0.0436	5.16011e4	1.69160e4	3.84148
126	24.787	VB	0.0620	1923.53223	423.17743	0.14320

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	25.003	VB	0.0435	1052.42944	327.59308	0.07835
128	25.079	VB	0.0455	975.49268	330.12872	0.07262
129	25.219	VB	0.0468	718.21698	200.44890	0.05347
130	25.423	VB	0.0758	4249.41943	710.09161	0.31635
131	25.611	VB	0.0547	1193.99182	292.00006	0.08889
132	25.742	VB	0.0379	2312.01147	845.78729	0.17212
133	25.804	VB	0.0528	2092.12964	646.56177	0.15575
134	25.962	VB	0.0363	1812.79492	803.04010	0.13495
135	26.115	VB	0.0713	7240.10400	1313.31104	0.53899
136	26.259	VB	0.0623	1346.59448	300.58929	0.10025
137	26.495	VB	0.0448	3.97067e4	1.33235e4	2.95599
138	26.579	VB	0.0195	158.92973	119.48153	0.01183
139	26.629	VB	0.0337	752.57886	355.26099	0.05603
140	26.706	VB	0.0335	220.56322	100.97749	0.01642
141	26.781	VB	0.0308	196.97136	92.83425	0.01466
142	26.853	VB	0.0322	631.64154	332.07120	0.04702
143	26.902	VB	0.0161	111.25137	117.27697	0.00828
144	27.140	VB	0.0767	3860.04834	645.79144	0.28736
145	27.219	VB	0.0312	338.62405	195.24034	0.02521
146	27.284	VB	0.0523	1271.27393	342.48981	0.09464
147	27.466	VB	0.0387	1366.55627	556.41931	0.10173
148	27.558	VB	0.0658	8487.82129	1805.55847	0.63188
149	27.702	VB	0.0295	867.53864	449.48584	0.06458
150	27.780	VB	0.0457	1753.70032	529.23242	0.13056
151	27.887	VB	0.0435	782.49316	289.66202	0.05825
152	27.950	VB	0.0282	386.99359	178.86357	0.02881
153	28.210	VB	0.0445	3.90696e4	1.28520e4	2.90856
154	28.291	VB	0.0378	1382.42822	559.79120	0.10292
155	28.379	VB	0.0379	1212.92444	507.92062	0.09030
156	28.436	VB	0.0415	631.31586	226.52257	0.04700
157	28.543	VB	0.0309	236.66570	110.72702	0.01762
158	28.614	VB	0.0404	682.26520	253.64206	0.05079
159	28.847	VB	0.0689	6952.44531	1311.23120	0.51758
160	28.981	VB	0.0529	1353.24353	359.54053	0.10074
161	29.076	VB	0.0320	397.43839	201.79314	0.02959
162	29.153	VB	0.0382	988.67169	409.05899	0.07360
163	29.248	VB	0.0432	3661.26880	1325.72278	0.27257
164	29.323	VB	0.0258	635.39551	393.37924	0.04730
165	29.373	VB	0.0259	486.37527	317.47171	0.03621
166	29.521	VB	0.0419	624.64136	243.74678	0.04650
167	29.584	VB	0.0258	211.15102	118.35281	0.01572
168	29.725	VB	0.0266	266.68451	137.81529	0.01985
169	29.856	VB	0.0466	3.52063e4	1.18785e4	2.62096
170	29.977	VB	0.0344	1346.87927	644.30060	0.10027
171	30.052	VB	0.0396	1036.02893	408.49017	0.07713
172	30.179	VB	0.0600	2959.70703	651.27344	0.22034
173	30.302	VB	0.0339	481.98264	194.42435	0.03588
174	30.415	VB	0.0488	1334.59155	411.77313	0.09935
175	30.573	VB	0.0462	875.01379	290.27884	0.06514

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	30.636	VB	0.0272	261.98010	144.23820	0.01950
177	30.706	VB	0.0185	162.96877	122.56414	0.01213
178	30.759	VB	0.0219	373.97122	243.38638	0.02784
179	30.844	VB	0.0319	1141.18860	557.70801	0.08496
180	30.904	VB	0.0306	1224.54688	631.68335	0.09116
181	30.982	VB	0.0347	2413.33960	1014.99261	0.17966
182	31.132	VB	0.0565	1016.08496	230.29831	0.07564
183	31.445	VB	0.0430	3.80167e4	1.30560e4	2.83017
184	31.586	VB	0.0421	1994.36731	746.98346	0.14847
185	31.666	VB	0.0356	763.41827	347.95016	0.05683
186	31.806	VB	0.0791	1945.82166	319.26788	0.14486
187	31.965	VB	0.0559	1860.13135	435.11911	0.13848
188	32.070	VB	0.0182	105.52184	75.81660	0.00786
189	32.132	VB	0.0837	1944.34290	284.49982	0.14475
190	32.315	VB	0.0440	604.05188	220.49358	0.04497
191	32.387	VB	0.0353	1571.25049	696.75305	0.11697
192	32.494	VB	0.0488	2307.51953	694.28809	0.17178
193	32.580	VB	0.0426	971.83002	336.94879	0.07235
194	32.837	VB	0.0464	507.30823	150.38220	0.03777
195	32.962	VB	0.0435	3.08943e4	1.01588e4	2.29994
196	33.138	VB	0.0300	710.59412	359.87946	0.05290
197	33.218	VBA	0.0791	1480.59534	246.37457	0.11022
198	33.455	PBA	0.0747	2377.53882	392.40924	0.17700
199	33.624	PB	0.0317	645.41400	304.39063	0.04805
200	33.706	VB	0.0444	750.32745	247.28419	0.05586
201	33.818	VB	0.0418	626.98816	230.14391	0.04668
202	33.880	VB	0.0359	2377.12451	1072.20288	0.17697
203	34.012	VB	0.0391	2702.68262	1083.94067	0.20120
204	34.118	VB	0.0497	1709.97400	478.07172	0.12730
205	34.221	VBA	0.1310	1233.74402	116.08459	0.09185
206	34.430	BB	0.0447	2.55553e4	8844.02930	1.90248
207	34.533	VB	0.0429	1501.90247	474.22916	0.11181
208	34.648	VB	0.0530	9484.48535	2701.86206	0.70608
209	34.906	VB	0.0651	1892.70251	355.72012	0.14090
210	35.076	VB	0.0299	195.19737	95.38813	0.01453
211	35.155	VB	0.0433	4868.62500	1656.56409	0.36245
212	35.314	VB	0.0572	4513.07275	1007.94604	0.33598
213	35.492	VB	0.0535	3636.24048	856.56171	0.27070
214	35.591	VB	0.0321	659.77185	306.07962	0.04912
215	35.846	VB	0.0432	2.41754e4	8253.31934	1.79976
216	35.928	VB	0.0420	2115.89600	726.49994	0.15752
217	36.080	VB	0.0355	728.86737	270.32166	0.05426
218	36.160	VB	0.0310	210.36748	91.01706	0.01566
219	36.217	VB	0.0339	539.64062	263.85553	0.04017
220	36.292	VB	0.0375	441.00558	163.56754	0.03283
221	36.460	VB	0.0746	5967.06445	1030.56812	0.44422
222	36.635	VB	0.0405	613.62286	220.07263	0.04568
223	36.771	VB	0.0757	8013.05371	1400.53406	0.59654
224	36.945	VB	0.0542	3939.50952	915.96234	0.29328

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	37.019	VB	0.0308	763.46332	374.28976	0.05684
226	37.078	VB	0.0274	171.25658	103.06470	0.01275
227	37.208	VB	0.0374	1.45909e4	5985.29980	1.08623
228	37.306	VB	0.0382	6198.37695	2392.22241	0.46144
229	37.389	VB	0.0335	1715.90063	755.58673	0.12774
230	37.465	VB	0.0230	202.89622	148.03259	0.01510
231	37.526	VB	0.0455	2285.96655	771.98792	0.17018
232	37.630	VB	0.0377	673.95239	283.37173	0.05017
233	37.813	VB	0.0160	261.16519	505.12070	0.01944
234	37.879	VB	0.0388	1499.39661	653.12170	0.11162
235	37.992	VB	0.0469	1895.29749	568.59180	0.14110
236	38.094	VB	0.0382	481.31381	192.02255	0.03583
237	38.240	VB	0.0523	4120.12646	1038.31262	0.30673
238	38.340	VB	0.0487	2639.70215	816.13220	0.19651
239	38.527	VB	0.0402	1.69819e4	5975.37109	1.26423
240	38.710	VB	0.0509	5183.16602	1478.63831	0.38586
241	38.792	VB	0.0325	419.36487	217.55011	0.03122
242	38.912	VB	0.0553	1602.55090	403.37540	0.11930
243	39.021	VB	0.0418	935.22156	332.77179	0.06962
244	39.121	VB	0.0641	3202.20825	678.08496	0.23839
245	39.333	VB	0.0501	1487.62939	412.35776	0.11075
246	39.415	VB	0.0522	1353.52454	321.19217	0.10076
247	39.570	VB	0.0432	2074.99951	650.26196	0.15447
248	39.711	VB	0.0448	3886.27881	1426.19690	0.28932
249	39.795	VB	0.0364	8885.85059	3786.29932	0.66151
250	39.880	VB	0.0409	4629.13574	1639.13977	0.34462
251	39.988	VB	0.0341	678.45111	303.06931	0.05051
252	40.094	VB	0.0395	405.72501	150.43185	0.03020
253	40.179	VB	0.0313	264.13687	105.07501	0.01966
254	40.307	VB	0.0502	329.50275	85.00198	0.02453
255	40.364	VB	0.0509	1146.56396	326.74585	0.08536
256	40.570	VB	0.0445	1626.61450	520.32056	0.12109
257	40.716	VB	0.0281	314.45264	174.13893	0.02341
258	40.791	VB	0.0339	1959.44324	916.24426	0.14587
259	40.852	VB	0.0362	1735.55103	836.20081	0.12920
260	41.034	VB	0.0451	1.26842e4	4335.40430	0.94428
261	41.129	VB	0.0399	296.05295	105.03293	0.02204
262	41.241	VB	0.0419	517.21442	168.14145	0.03850
263	41.390	VB	0.0624	1919.77478	435.98352	0.14292
264	41.569	VBA	0.1467	1282.38904	104.09638	0.09547
265	41.797	BB	0.0587	1427.86157	322.19653	0.10630
266	41.918	VB	0.0360	396.21429	154.16493	0.02950
267	42.028	VB	0.0525	2589.04858	745.73291	0.19274
268	42.232	VBA	0.0471	1.23111e4	3668.89160	0.91651
269	42.560	PBA	0.0705	2170.82446	405.53159	0.16161
270	43.015	PB	0.0482	1675.20239	463.66913	0.12471
271	43.098	VB	0.0266	156.26346	84.38663	0.01163
272	43.211	VB	0.0516	1332.12817	365.24493	0.09917
273	43.392	VB	0.0413	6960.72949	2511.99829	0.51820

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	43.536	VB	0.0394	195.70511	75.04735	0.01457
275	43.624	VB	0.0368	195.23901	76.42780	0.01453
276	43.729	VB	0.0399	828.19073	261.53247	0.06166
277	44.136	BBA	0.0710	2338.13403	440.30780	0.17406
278	44.420	PB	0.0427	1130.17297	415.36157	0.08414
279	44.523	VB	0.0483	5909.13623	1846.82568	0.43991
280	44.846	VB	0.0517	994.86212	248.79115	0.07406
281	45.054	VBA	0.1622	1485.39709	108.84955	0.11058
282	45.307	PBA	0.0769	1580.12012	263.55853	0.11763
283	45.647	BBA	0.0643	7766.26123	1609.98730	0.57816
284	45.988	BBA	0.1558	966.46960	77.32909	0.07195
285	46.569	PBA	0.0757	1918.36938	356.80887	0.14281
286	46.887	BBA	0.0596	3943.56689	927.83905	0.29358
287	47.071	BBA	0.0834	2301.12231	365.93445	0.17131
288	48.321	BBA	0.0737	2682.65479	507.22845	0.19971
289	49.999	BBA	0.0899	2263.51099	307.31641	0.16851
290	51.971	BBA	0.0931	2491.44287	329.80231	0.18548
291	54.316	BBA	0.1281	1838.73352	177.11856	0.13689
Totals :				1.34326e6	4.14753e5	

==========

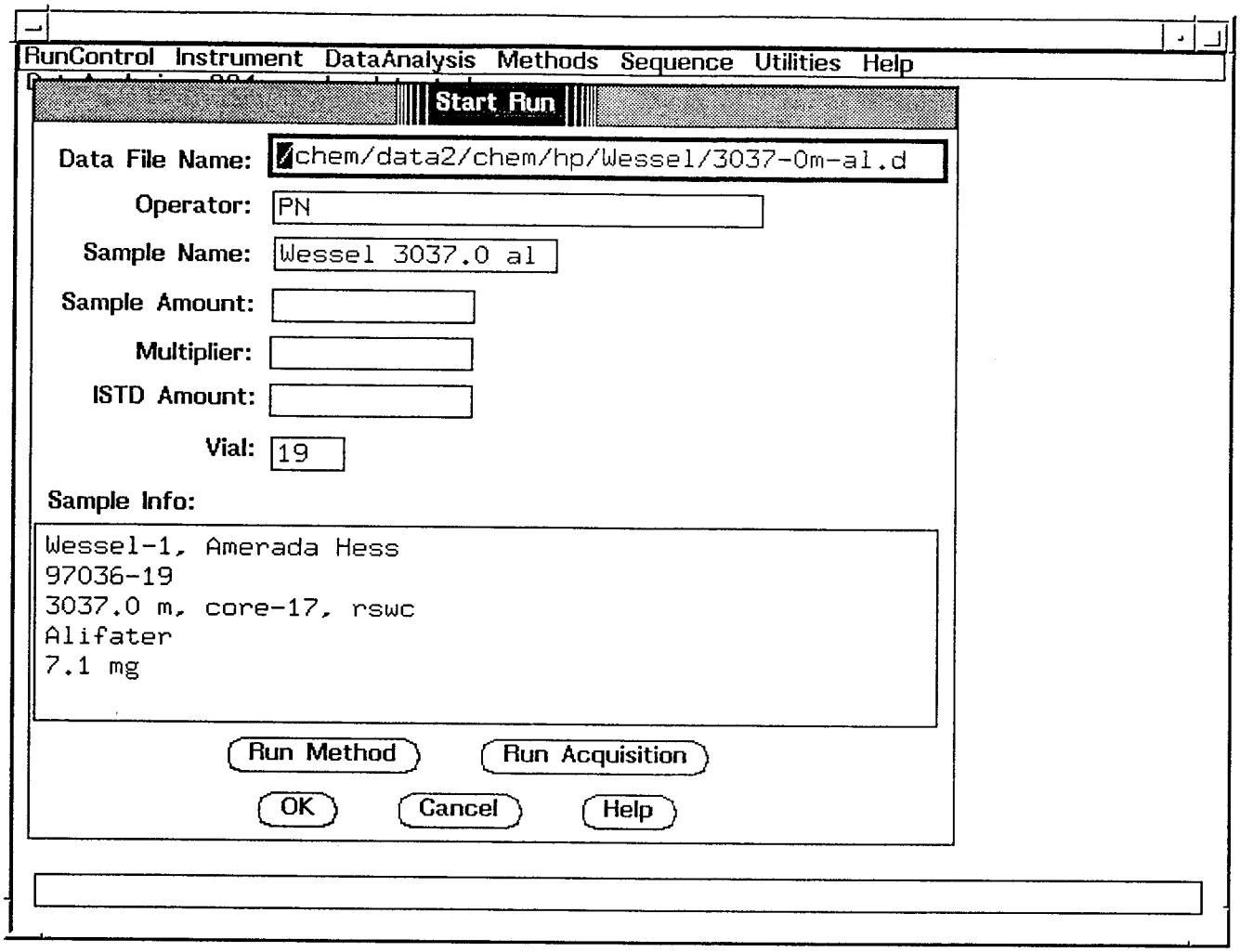
==========

Calibration Curves

==========

==========

*** End of Report ***

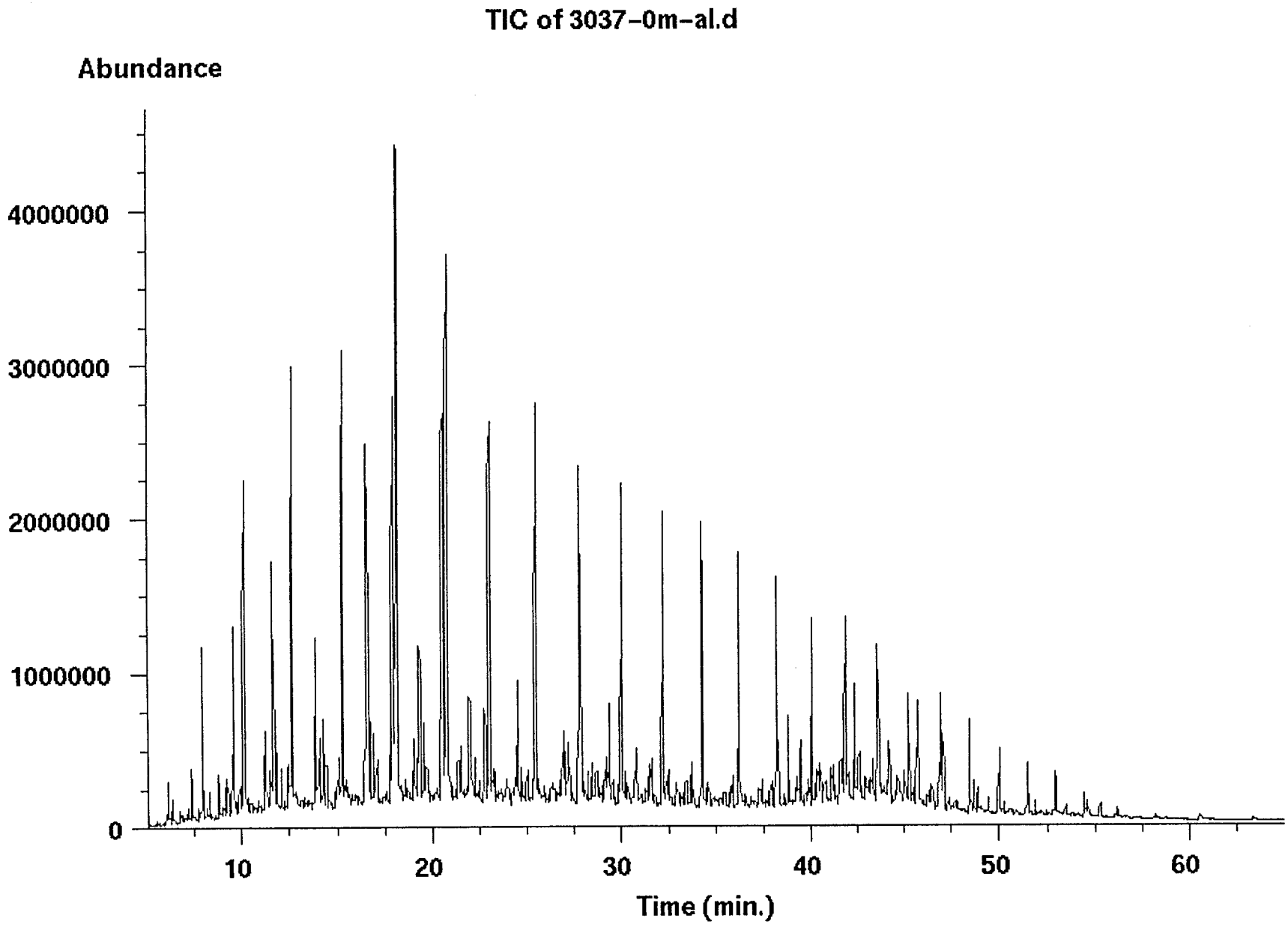

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3037-0m-al.d
Operator: PN
Sample Name: Wessel 3037.0 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 19
Sample Info:
Wessel-1, Amerada Hess
97036-19
3037.0 m, core-17, rswc
Alifater
7.1 mg
Run Method
Run Acquisition
OK
Cancel
Help

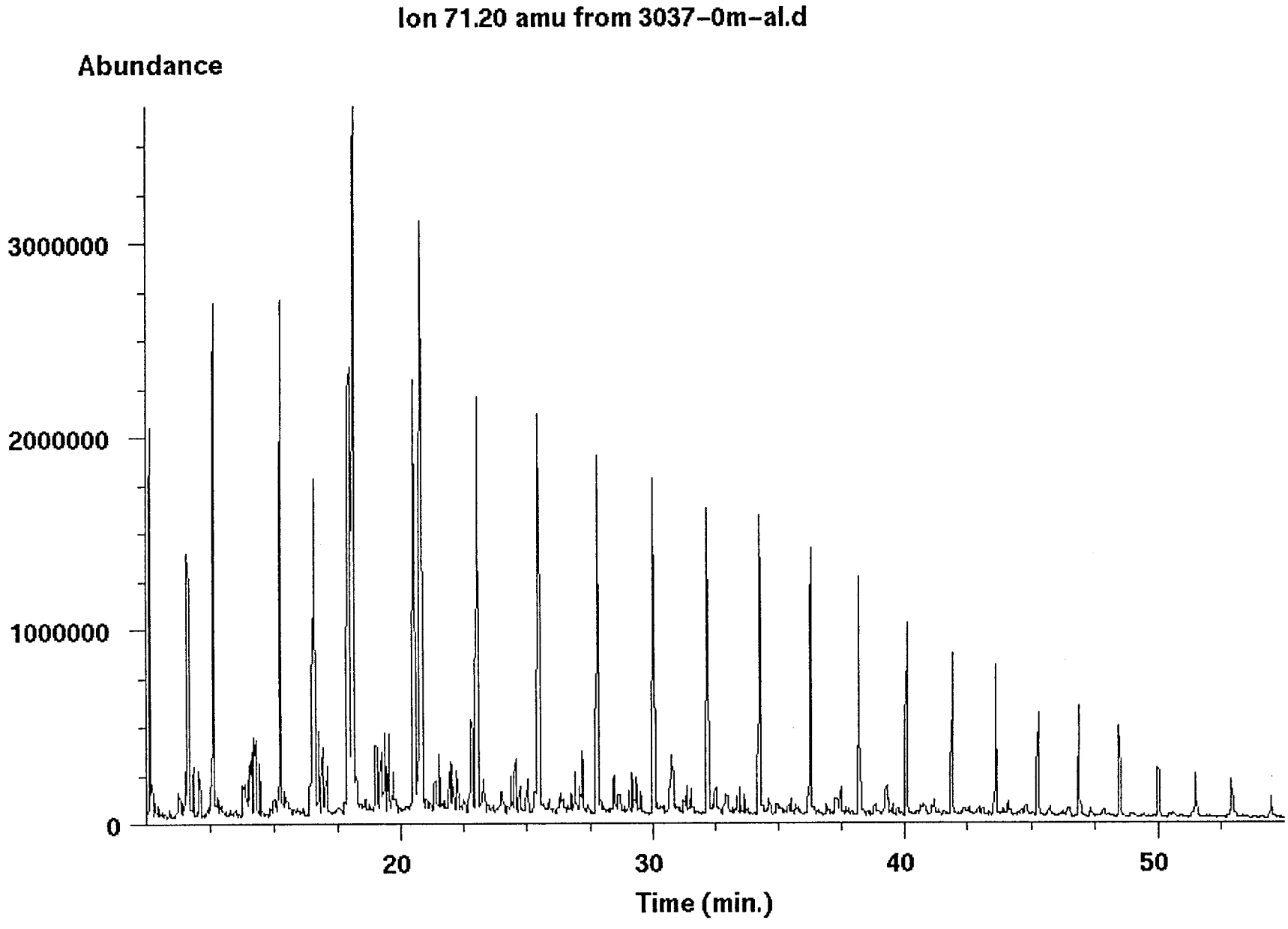
Data file: /chem/data2/chem/hp/Wessel/3037-0m-al.d
File type: GC / MS DATA FILE

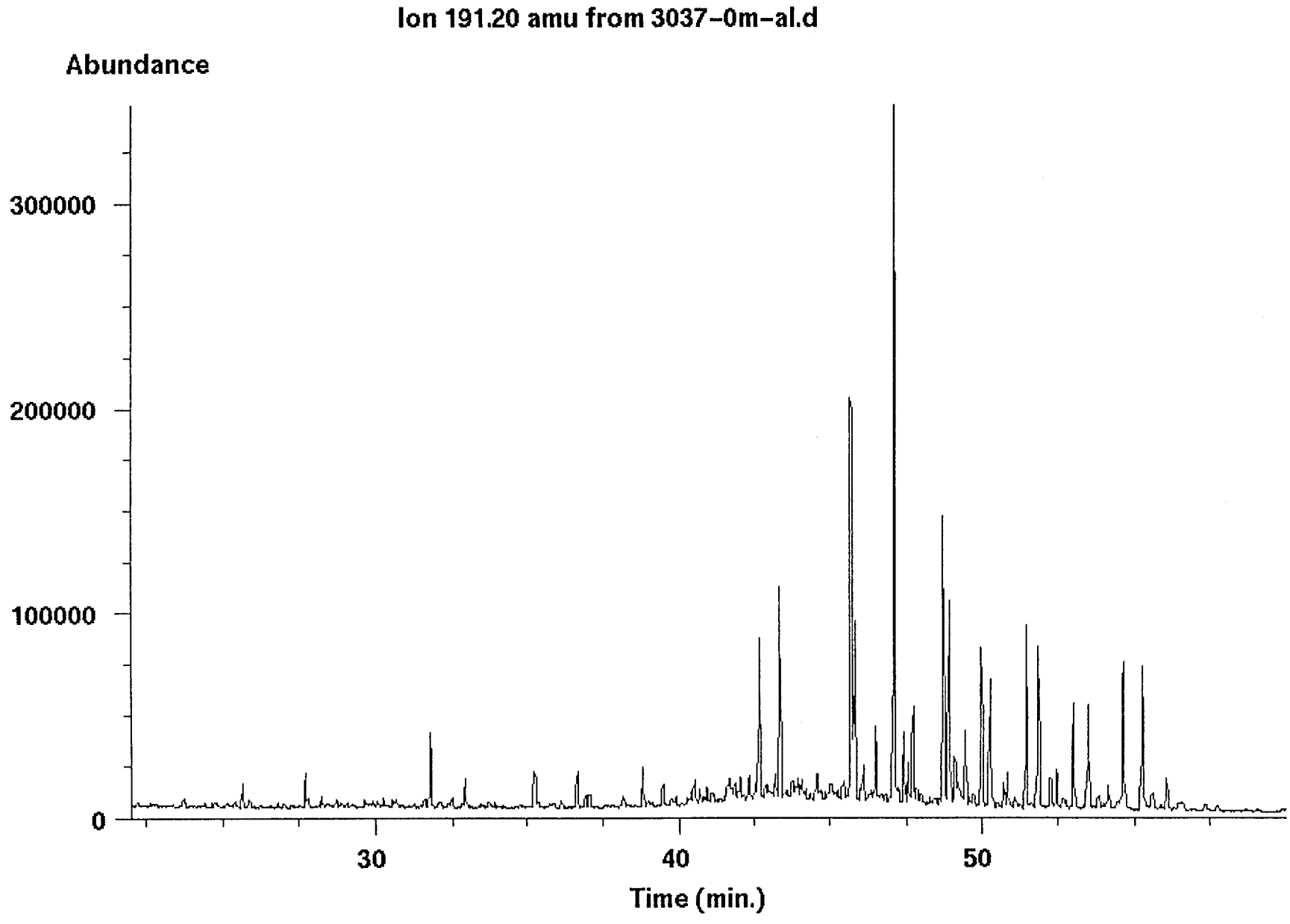
Name Info: Wessel 3037.0 al
Misc Info:
Operator : PN

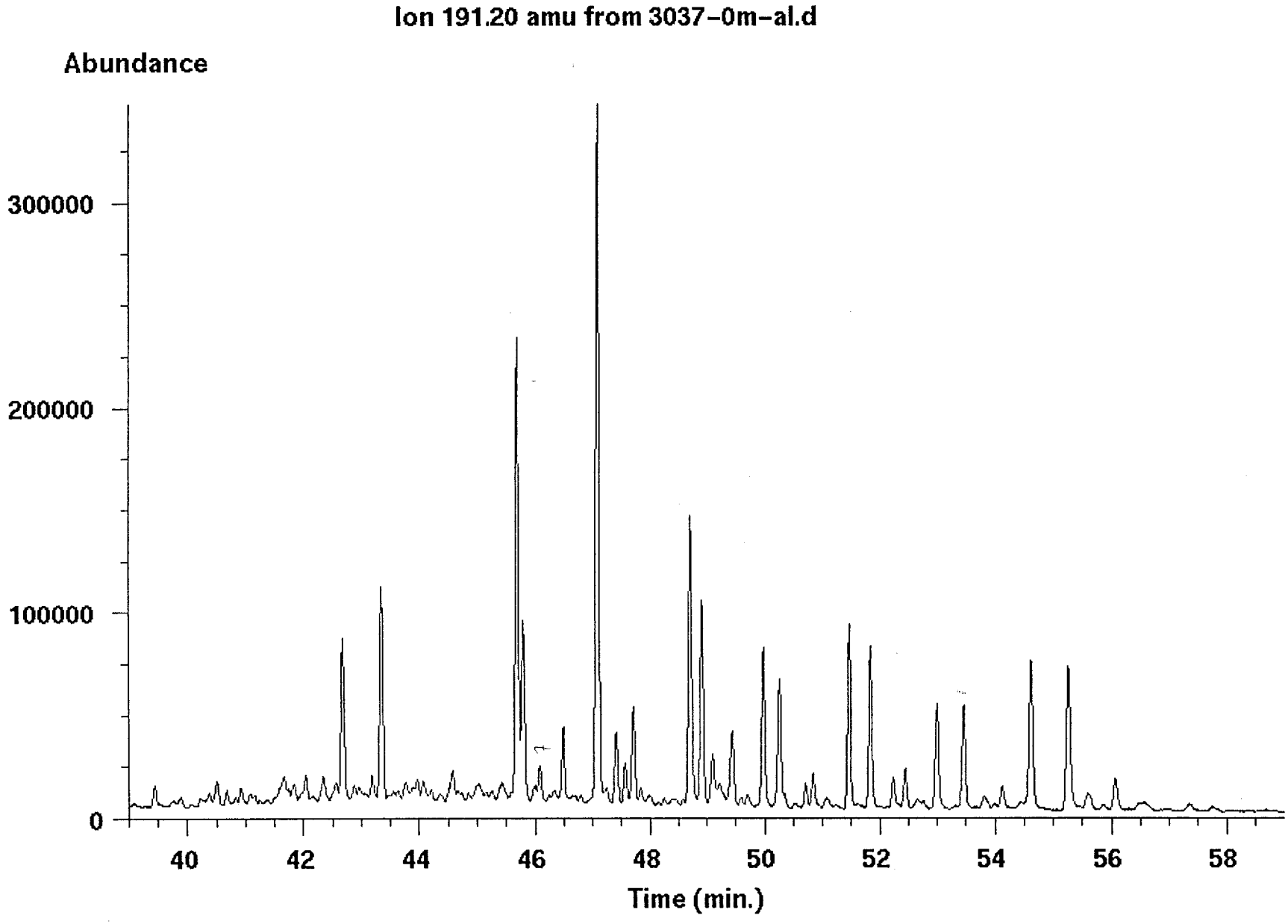
Date : Mon Jan 12 98 07:53:57 PM
Instrment: HP5971
Inlet : GC

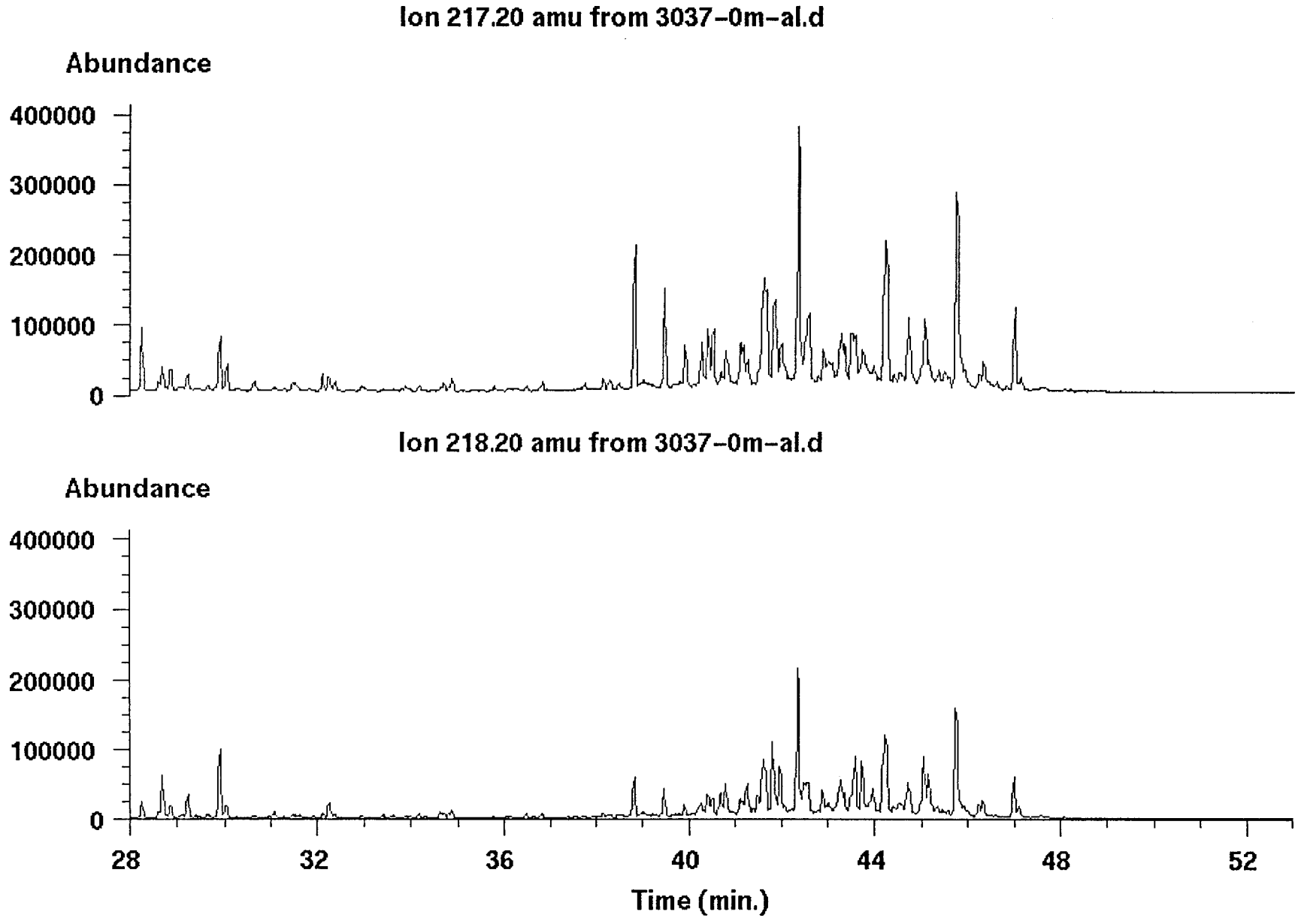
Sequence index : 0
Als bottle num : 19
Replicate num : 1

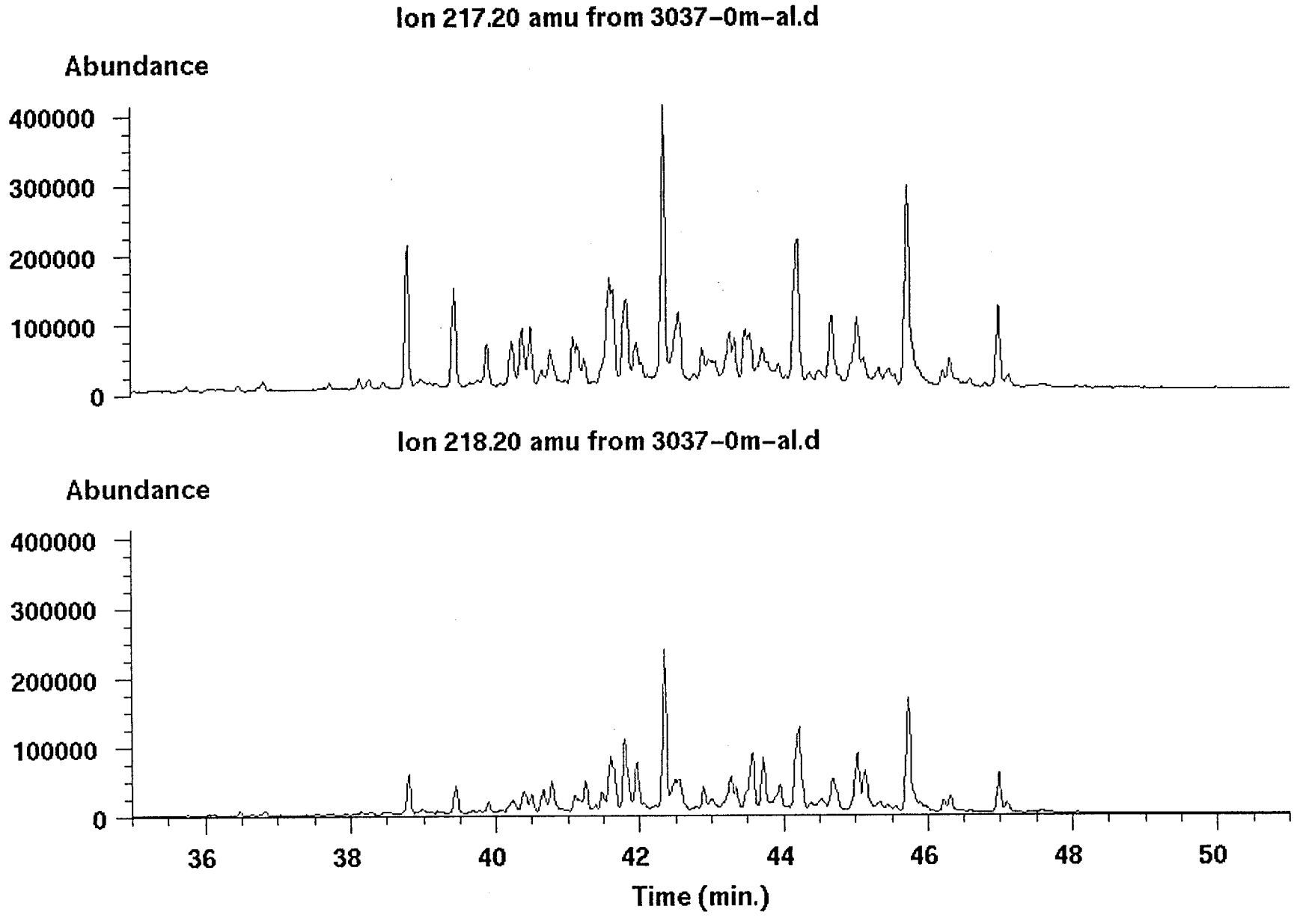

TIC of 3037-0m-al.d
Abundance
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

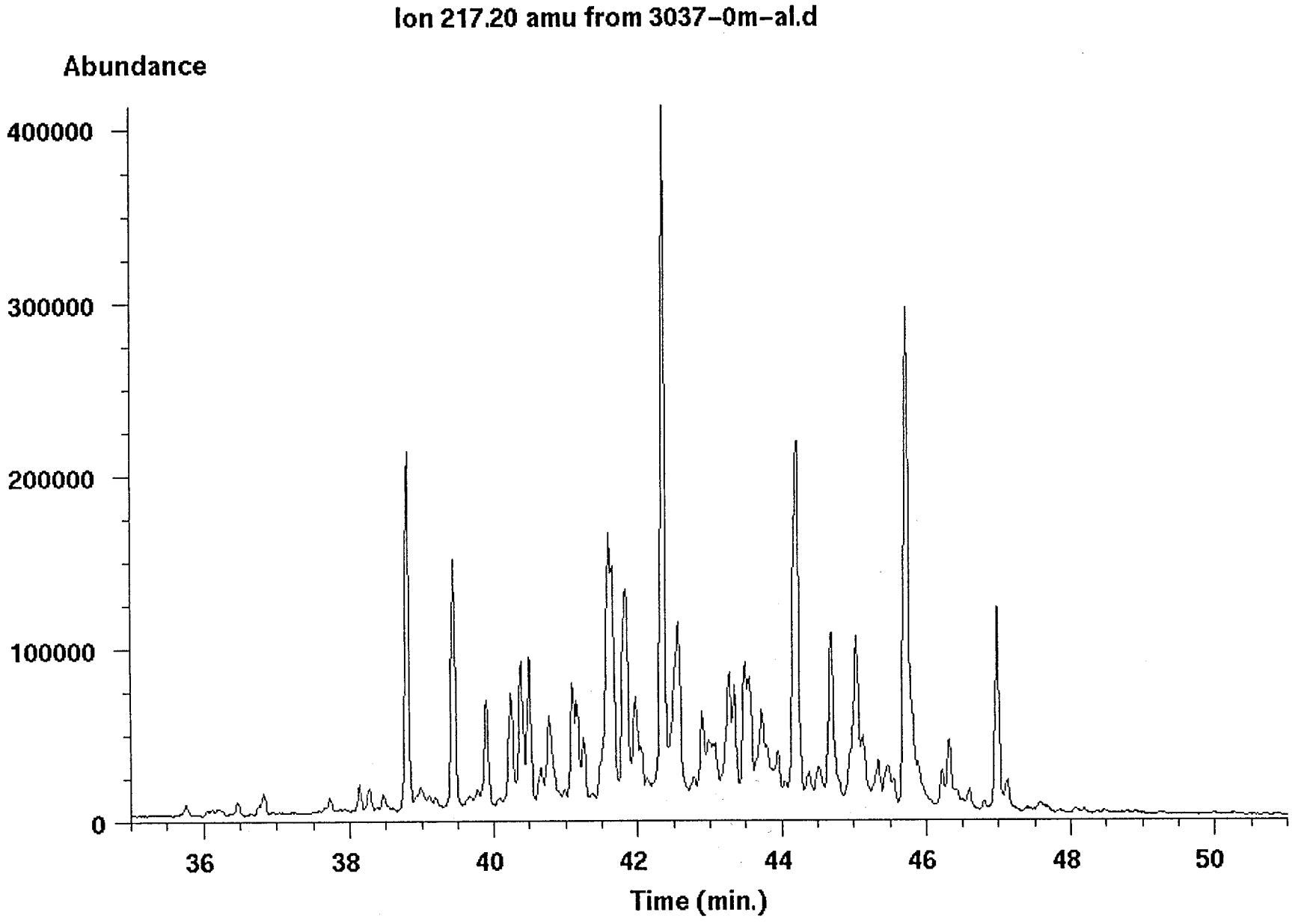

Ion 71.20 amu from 3037-0m-al.d
Abundance
3000000
2000000
1000000
0
20
30
40
50
Time (min.)

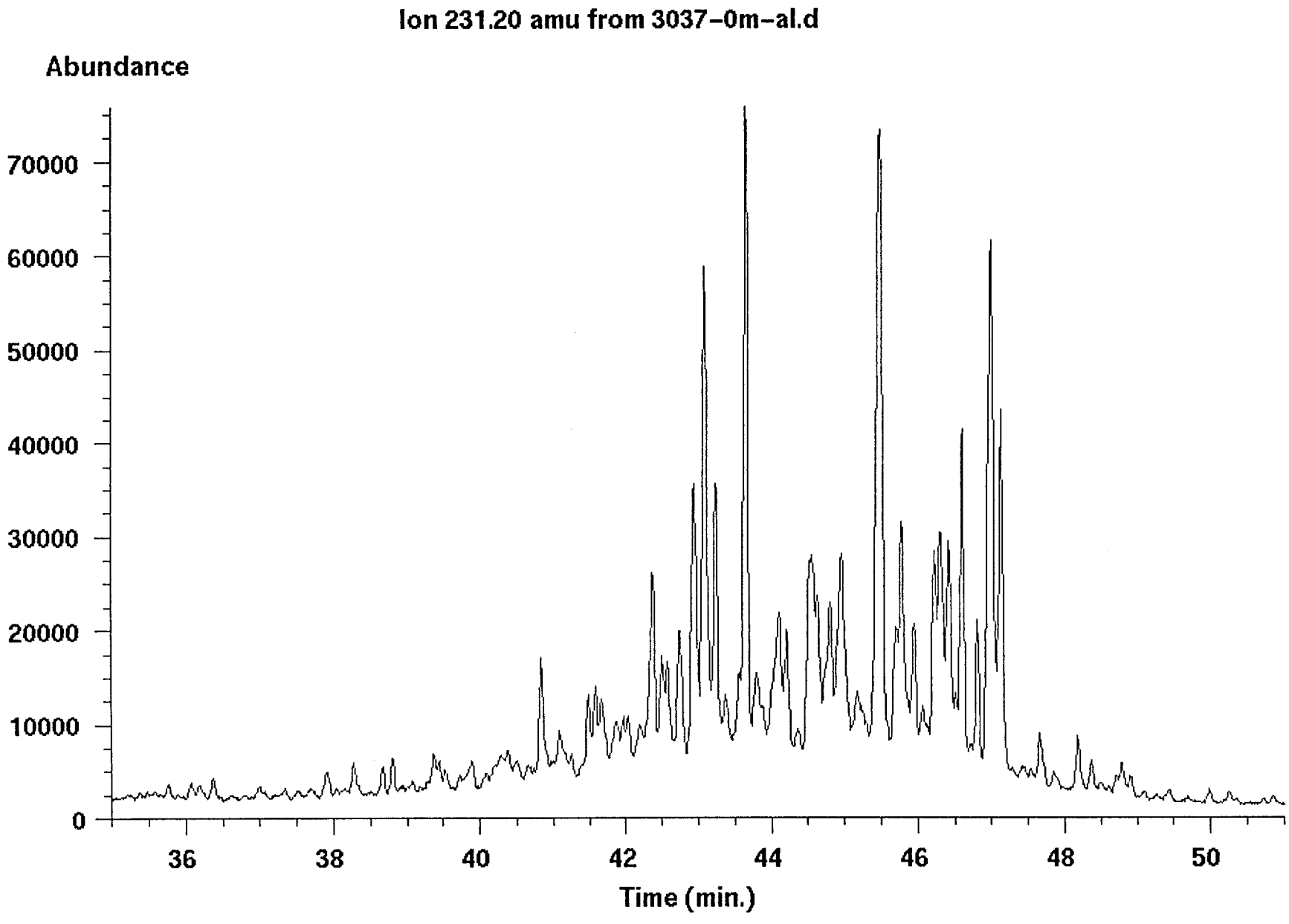

Ion 191.20 amu from 3037-0m-al.d
Abundance
300000
200000
100000
0
30
40
50
Time (min.)

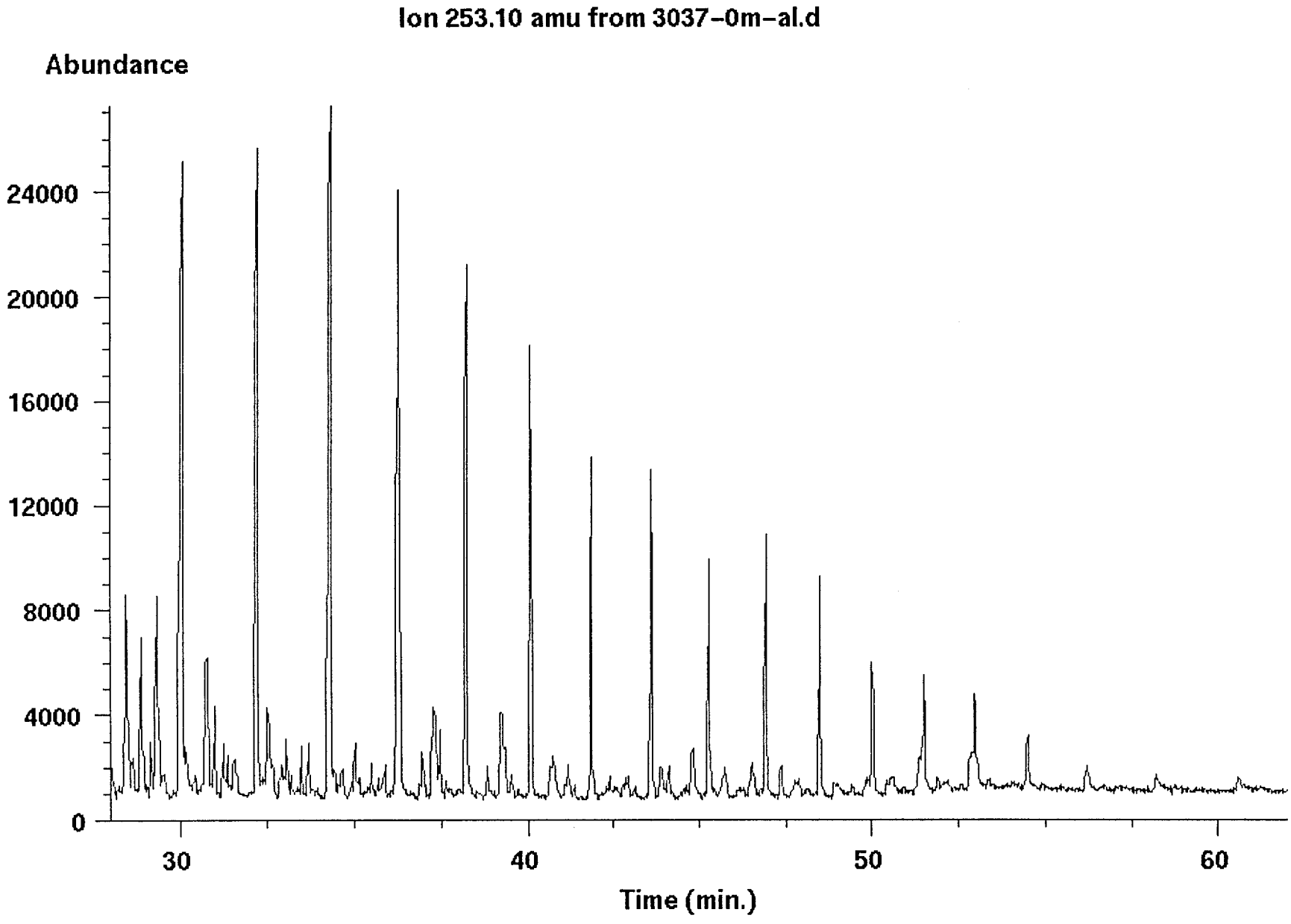

Ion 191.20 amu from 3037-0m-al.d
Abundance
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

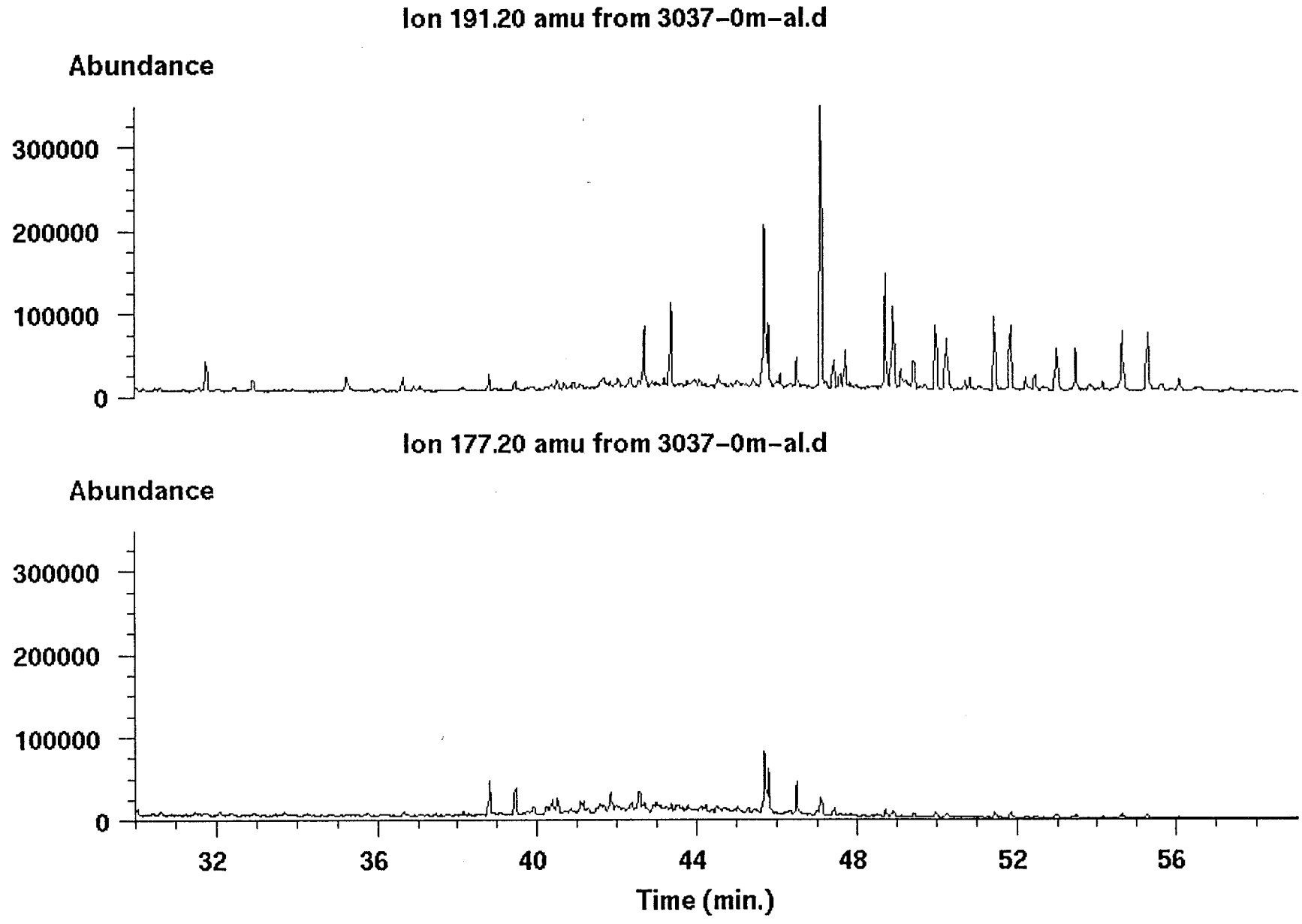

Ion 217.20 amu from 3037-0m-al.d
Abundance
400000
300000
200000
100000
0
Ion 218.20 amu from 3037-0m-al.d
Abundance
400000
300000
200000
100000
0
28
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3037-0m-al.d
Abundance
400000
300000
200000
100000
0
Ion 218.20 amu from 3037-0m-al.d
Abundance
400000
300000
200000
100000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3037-0m-al.d
Abundance
400000
300000
200000
100000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3037-0m-al.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3037-0m-al.d
Abundance
24000
20000
16000
12000
8000
4000
0
30
40
50
60
Time (min.)


Ion 191.20 amu from 3037-0m-al.d
Abundance
300000
200000
100000
0
Ion 177.20 amu from 3037-0m-al.d
Abundance
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

970536

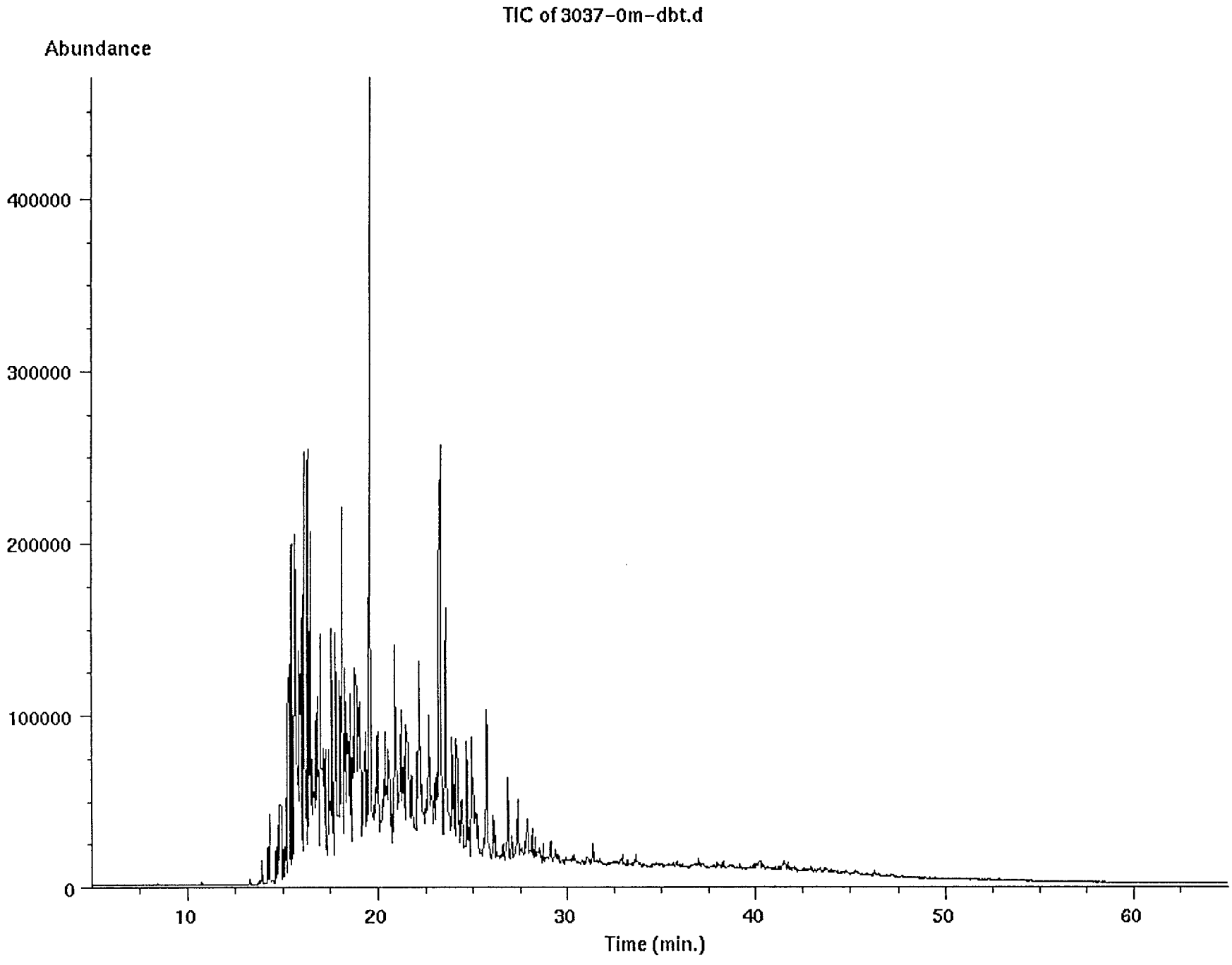
19

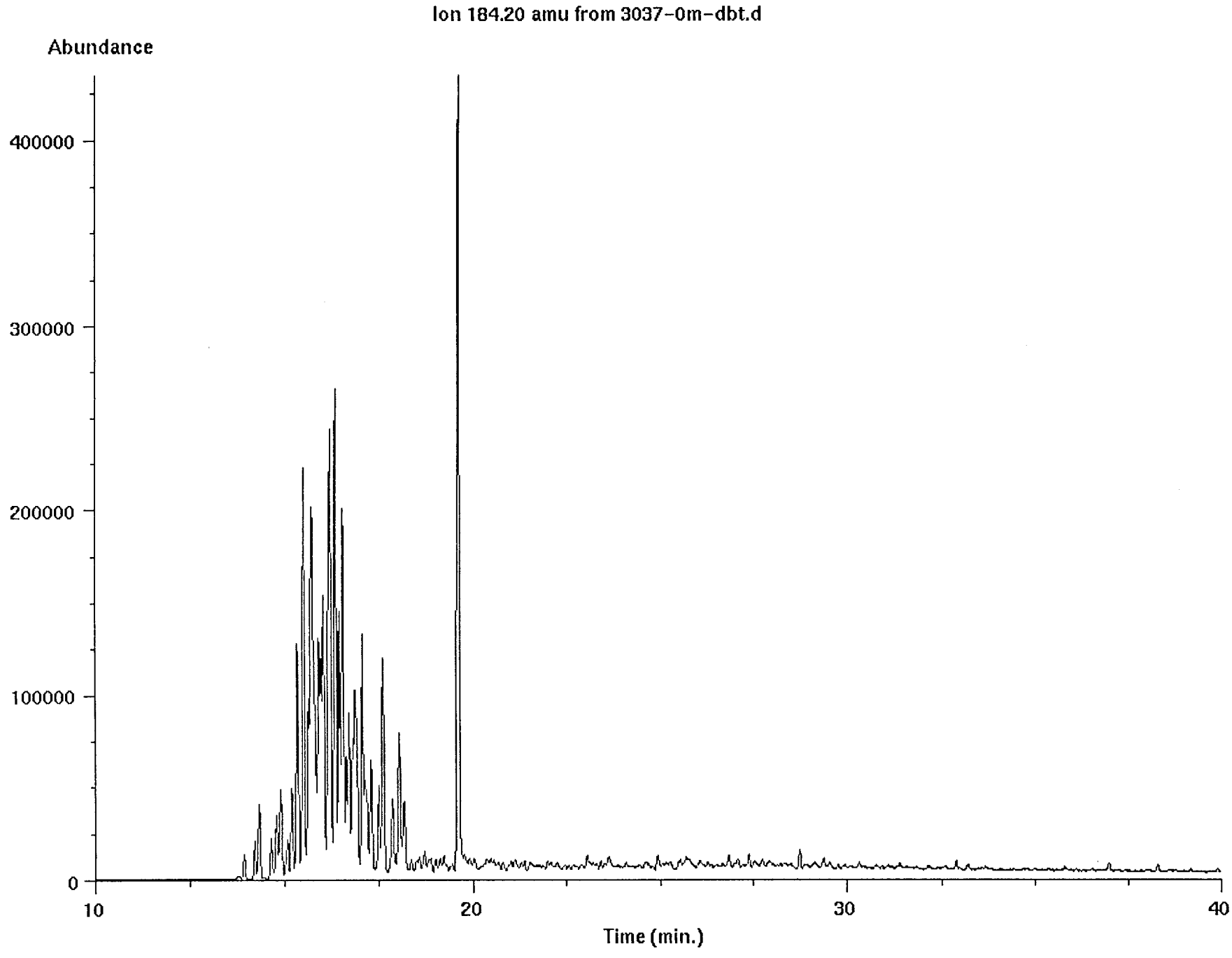
Data file: /chem/data2/chem/hp/Wessel/3037-0m-dbt.d
File type: GC / MS DATA FILE

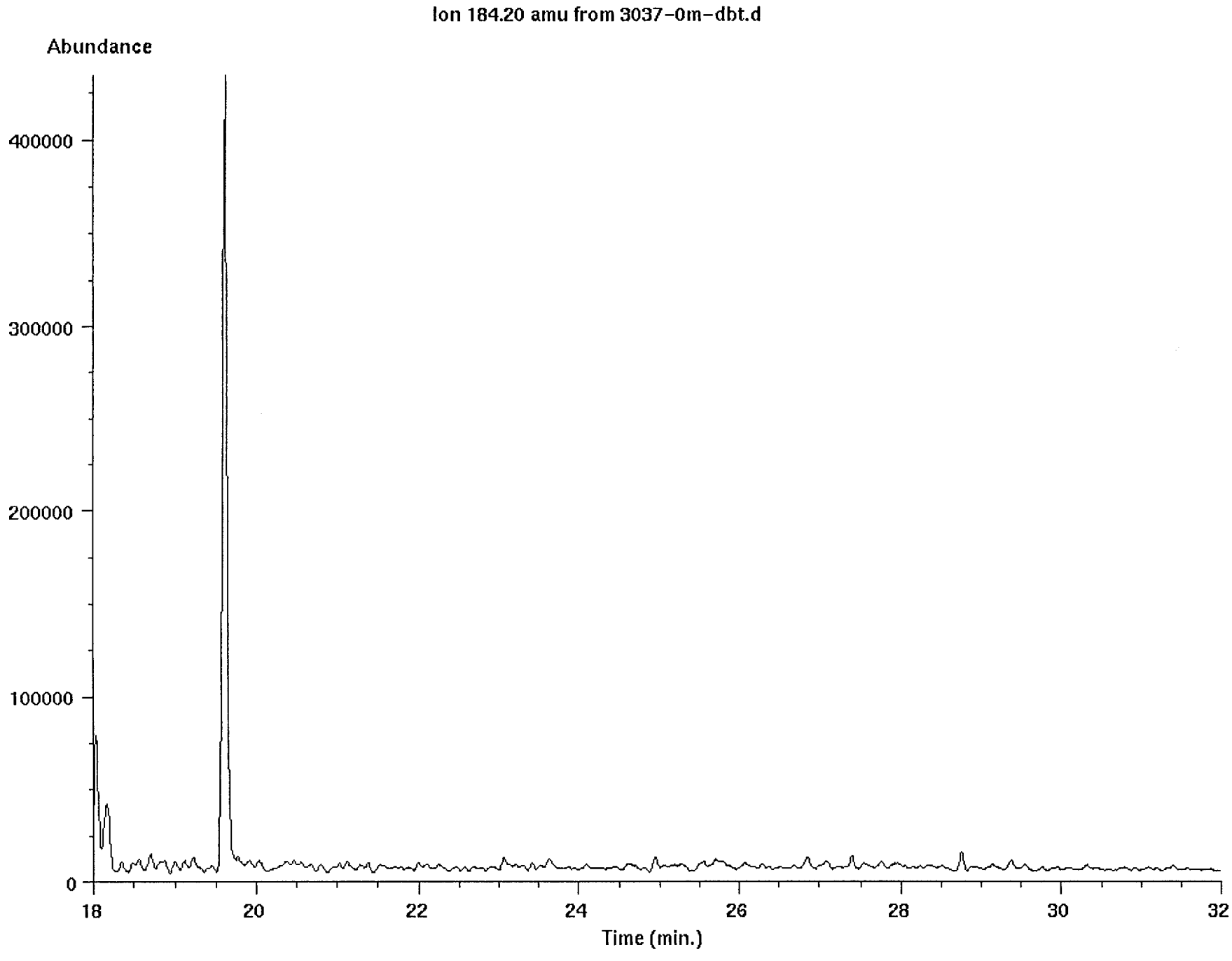
Name Info: Wessel 3037.0 ar
Misc Info:
Operator : PN

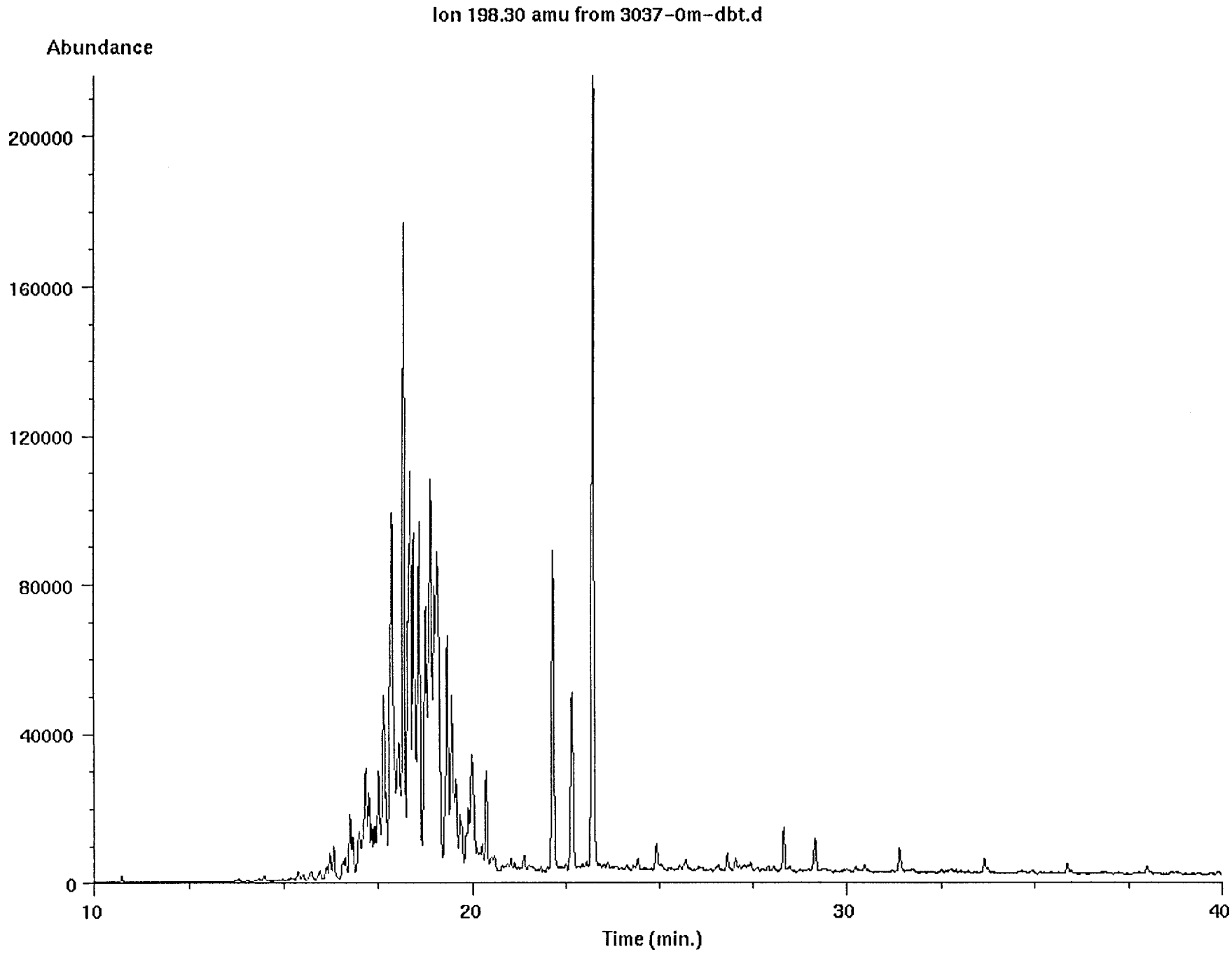
Date : Wed Jan 14 98 07:01:46 AM
Instrment: HP5971
Inlet : GC

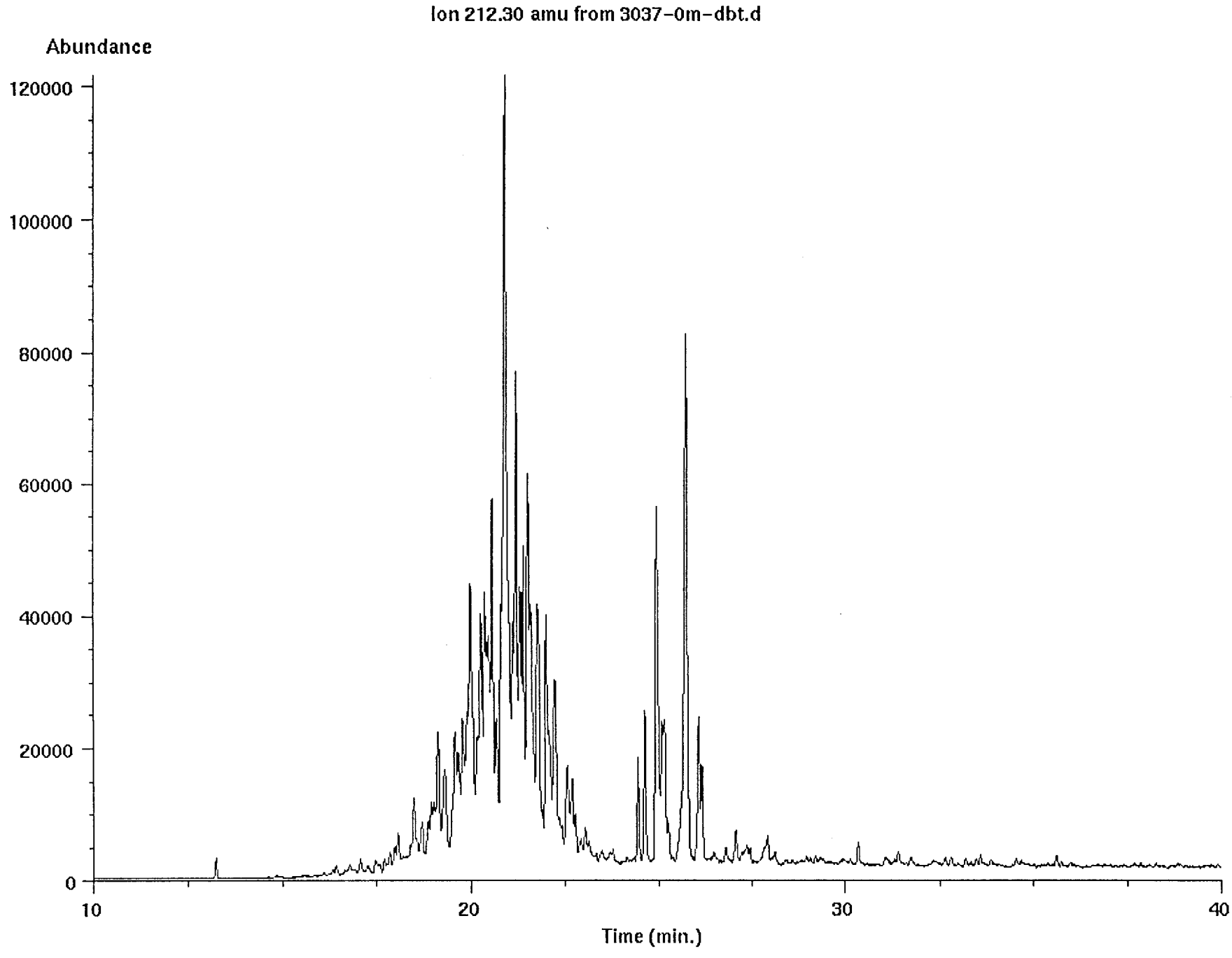
Sequence index : 4
Als bottle num : 19
Replicate num : 1

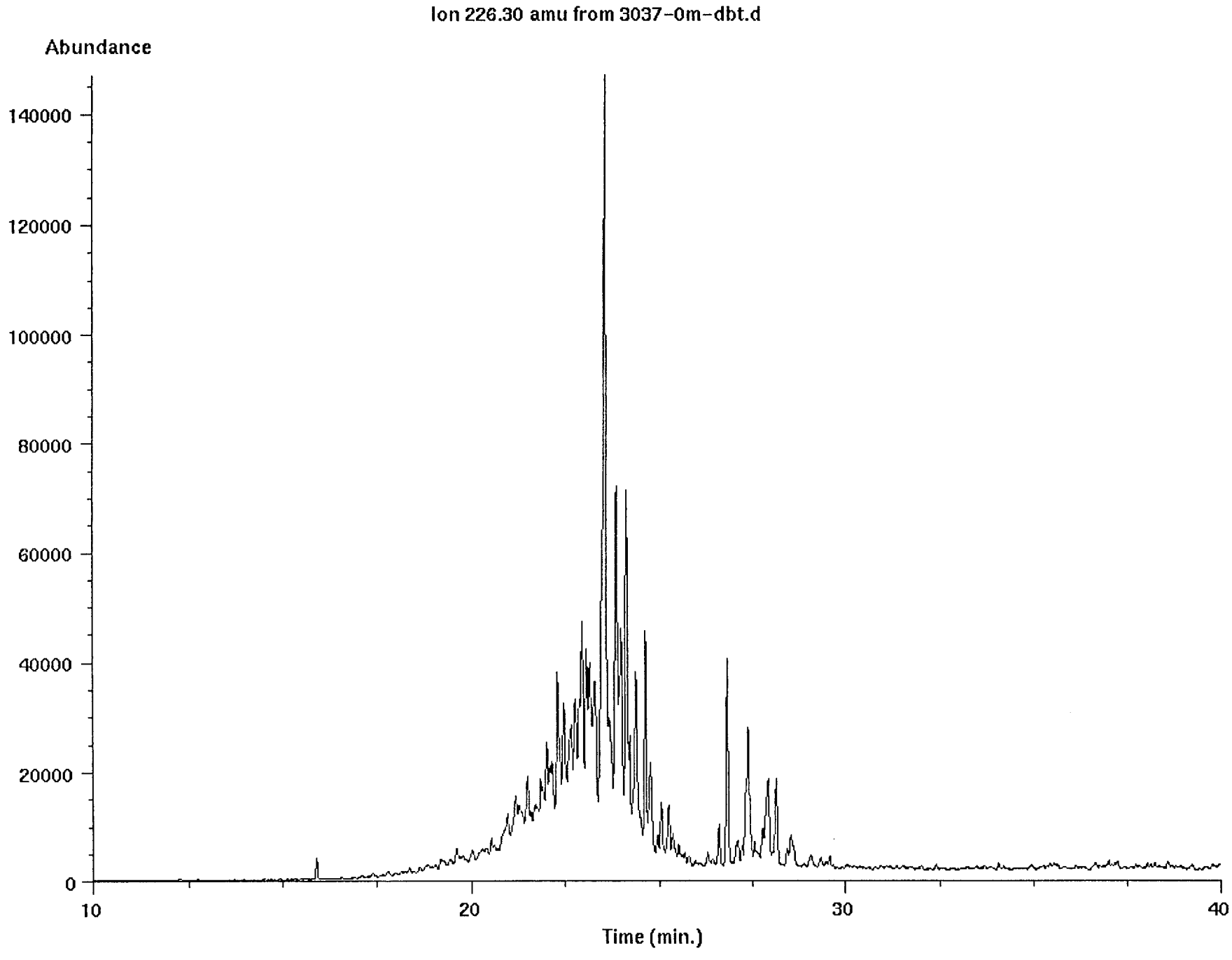

TIC of 3037-0m-dbt.d
Abundance
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

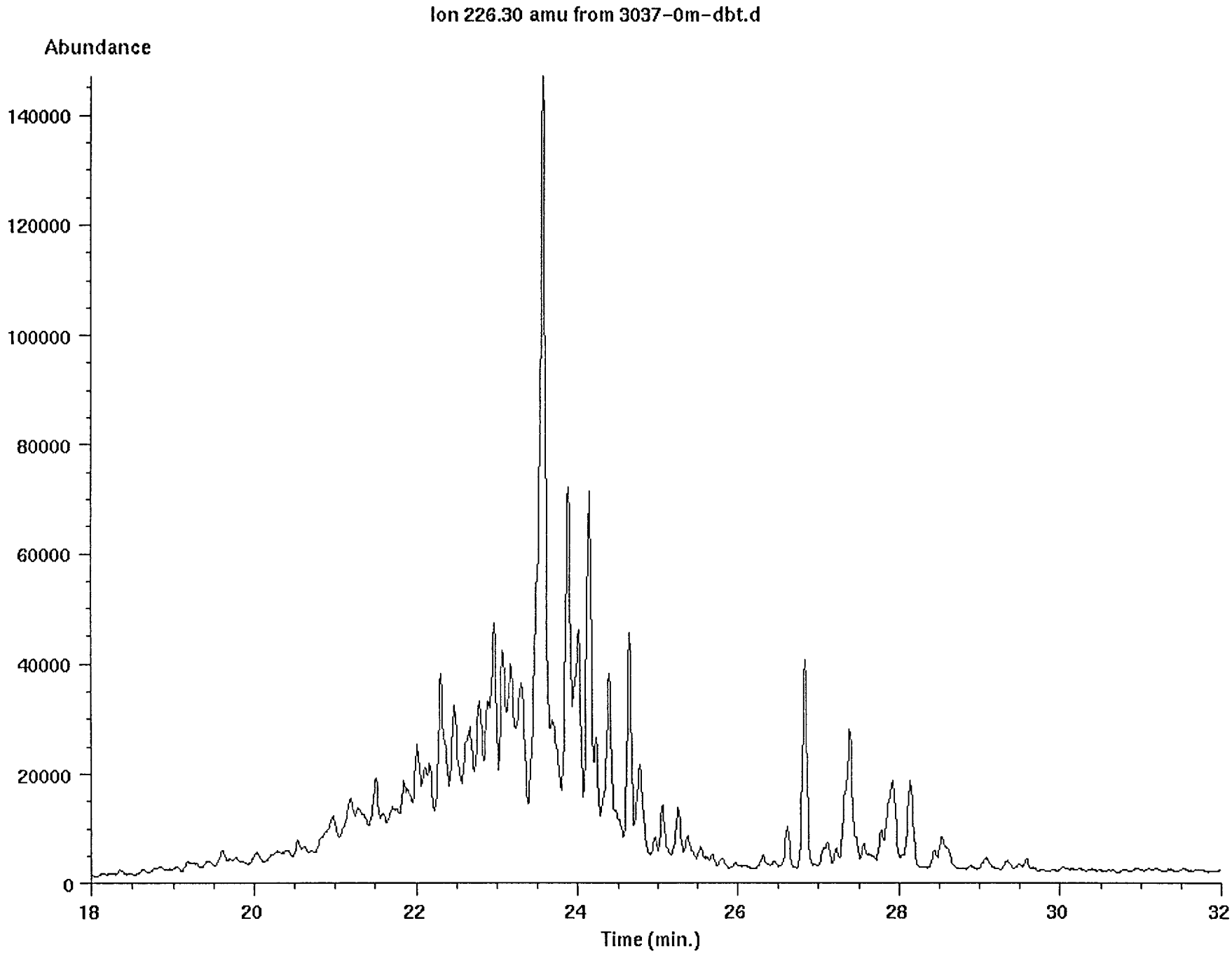

Ion 184.20 amu from 3037-0m-dbt.d
Abundance
400000
300000
200000
100000
0
10
20
30
40
Time (min.)

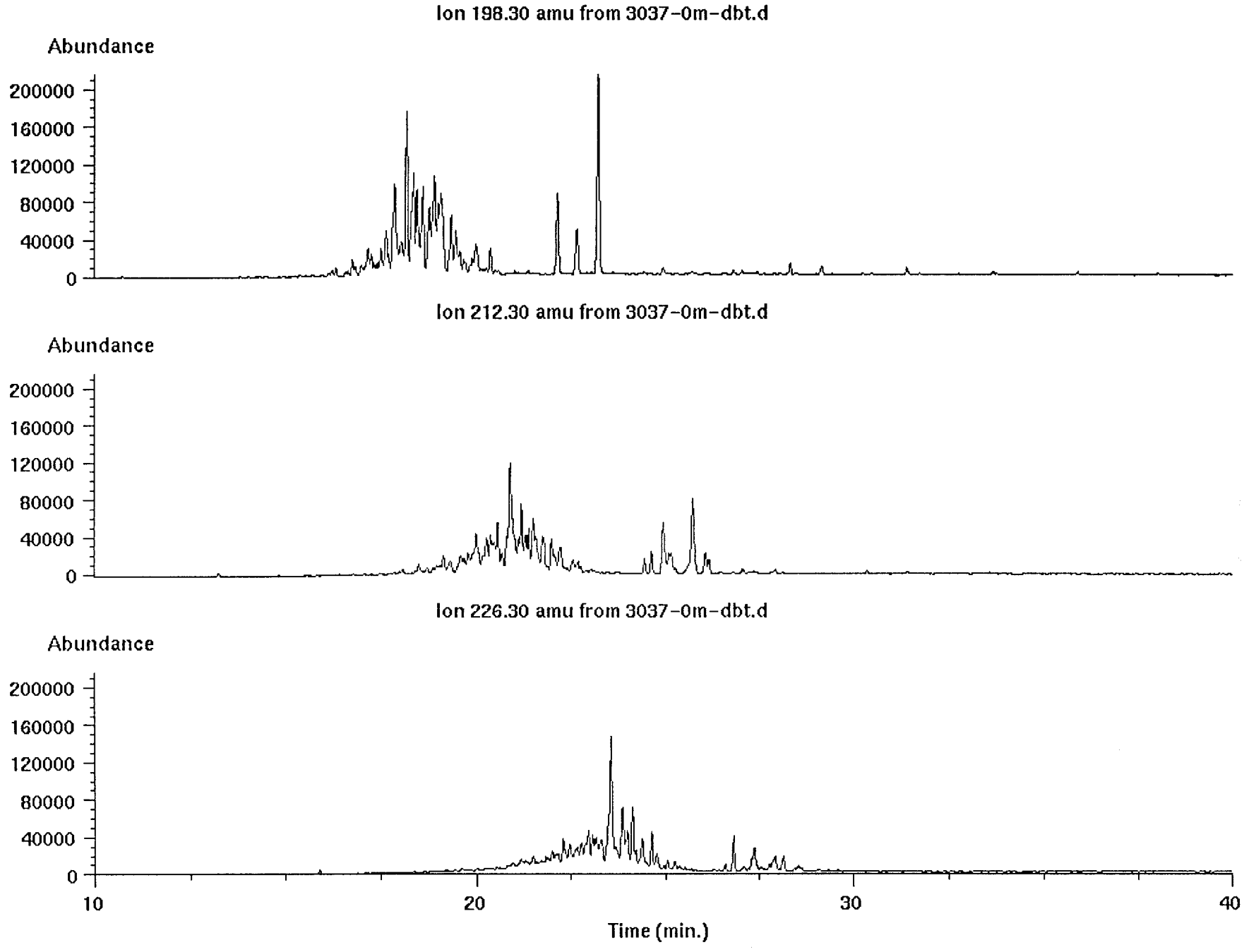

Ion 184.20 amu from 3037-0m-dbt.d
Abundance
400000
300000
200000
100000
0
18
20
22
24
26
28
30
32
Time (min.)

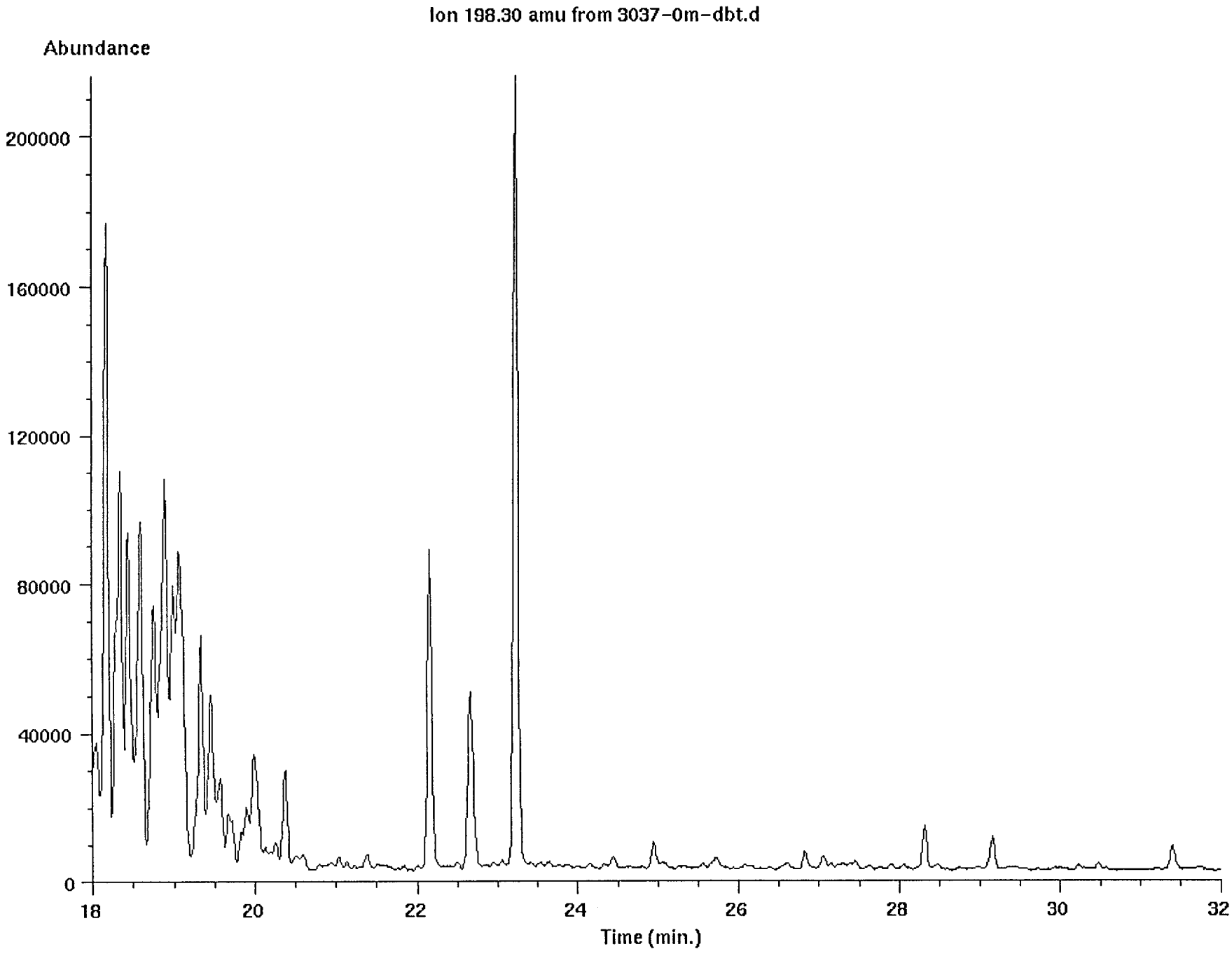

Ion 198.30 amu from 3037-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
10
20
30
40
Time (min.)

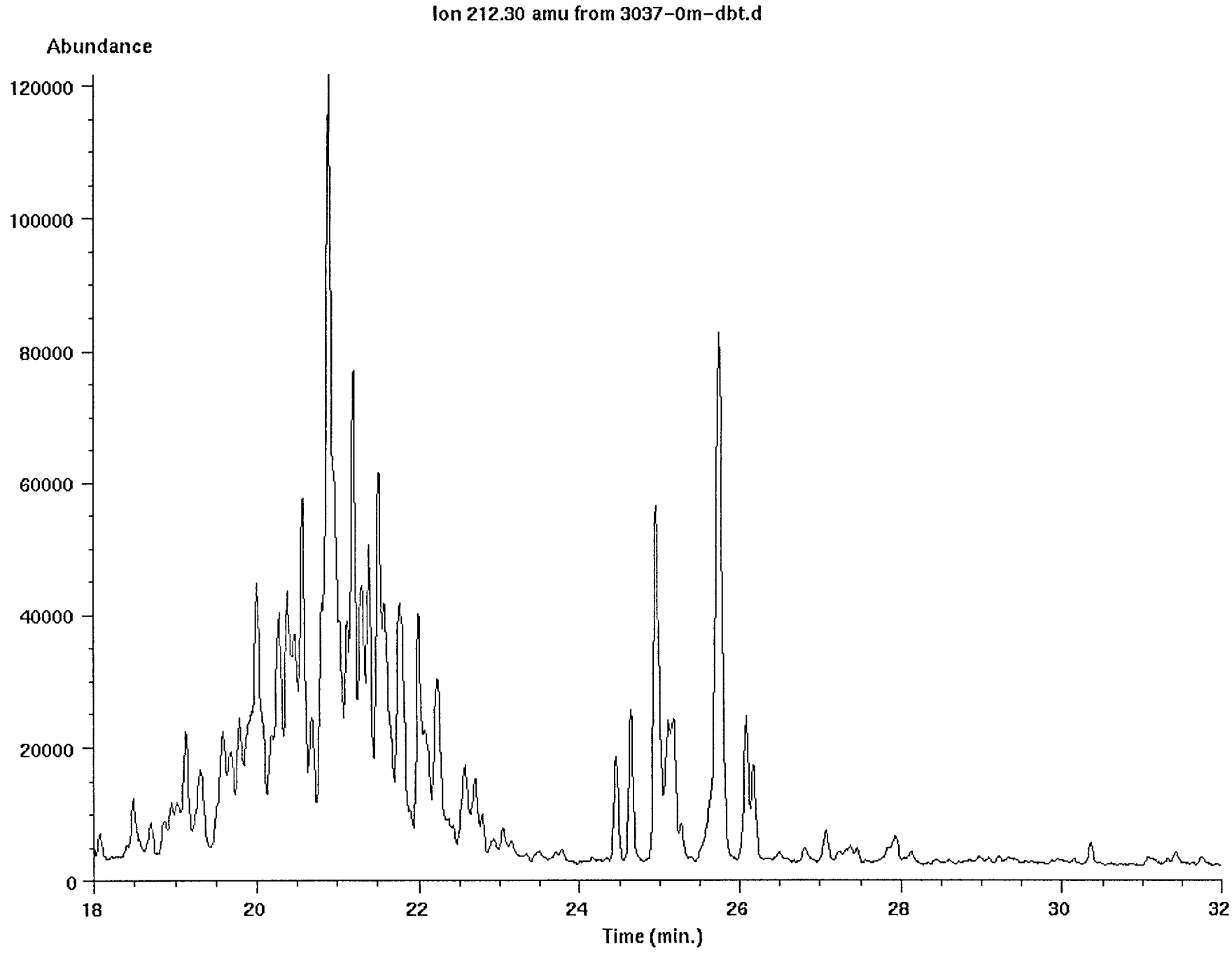

Ion 212.30 amu from 3037-0m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

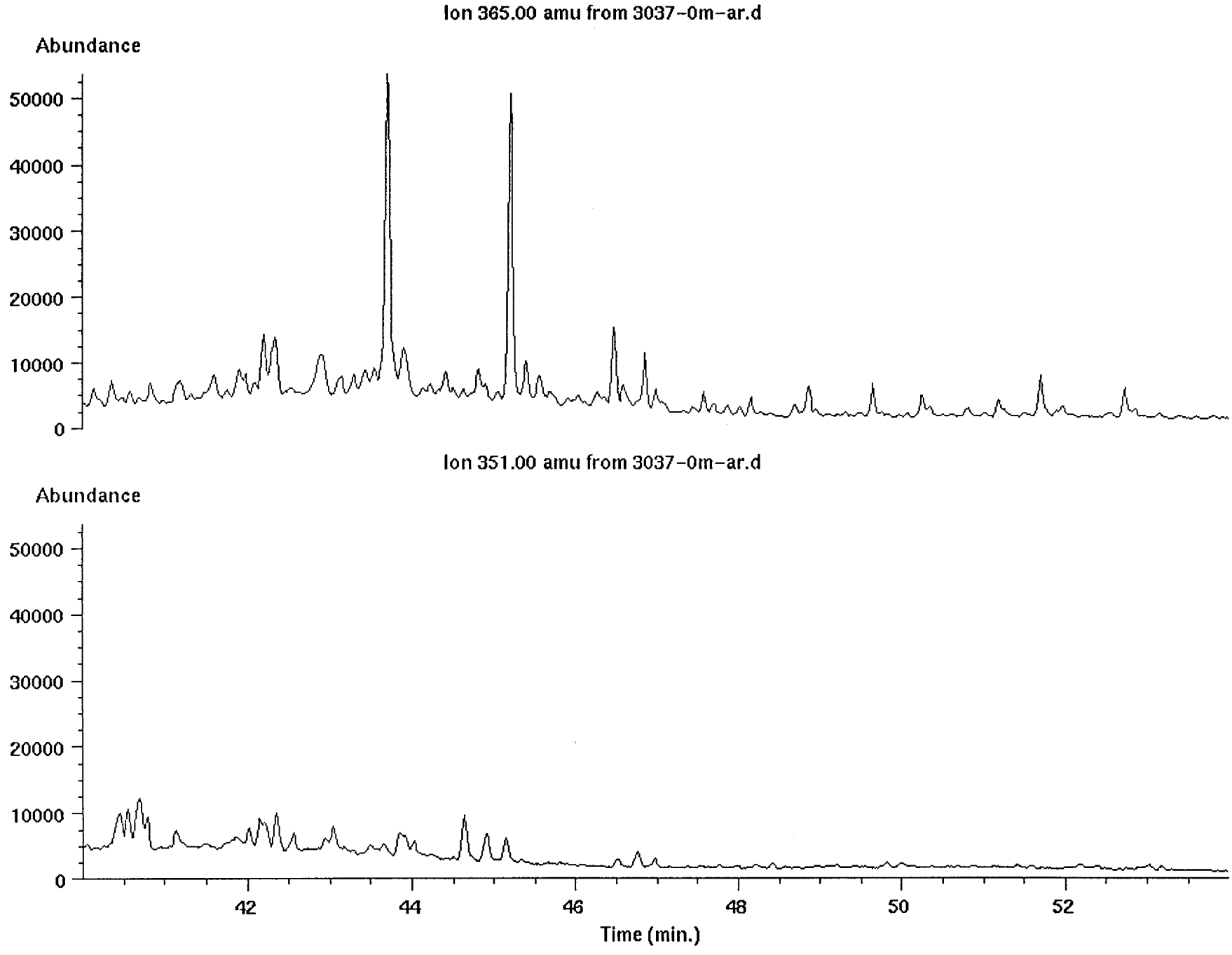

Ion 226.30 amu from 3037-0m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3037-0m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3037-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
Ion 212.30 amu from 3037-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
Ion 226.30 amu from 3037-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3037-0m-dbt.d
Abundance
200000
160000
120000
80000
40000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3037-0m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)

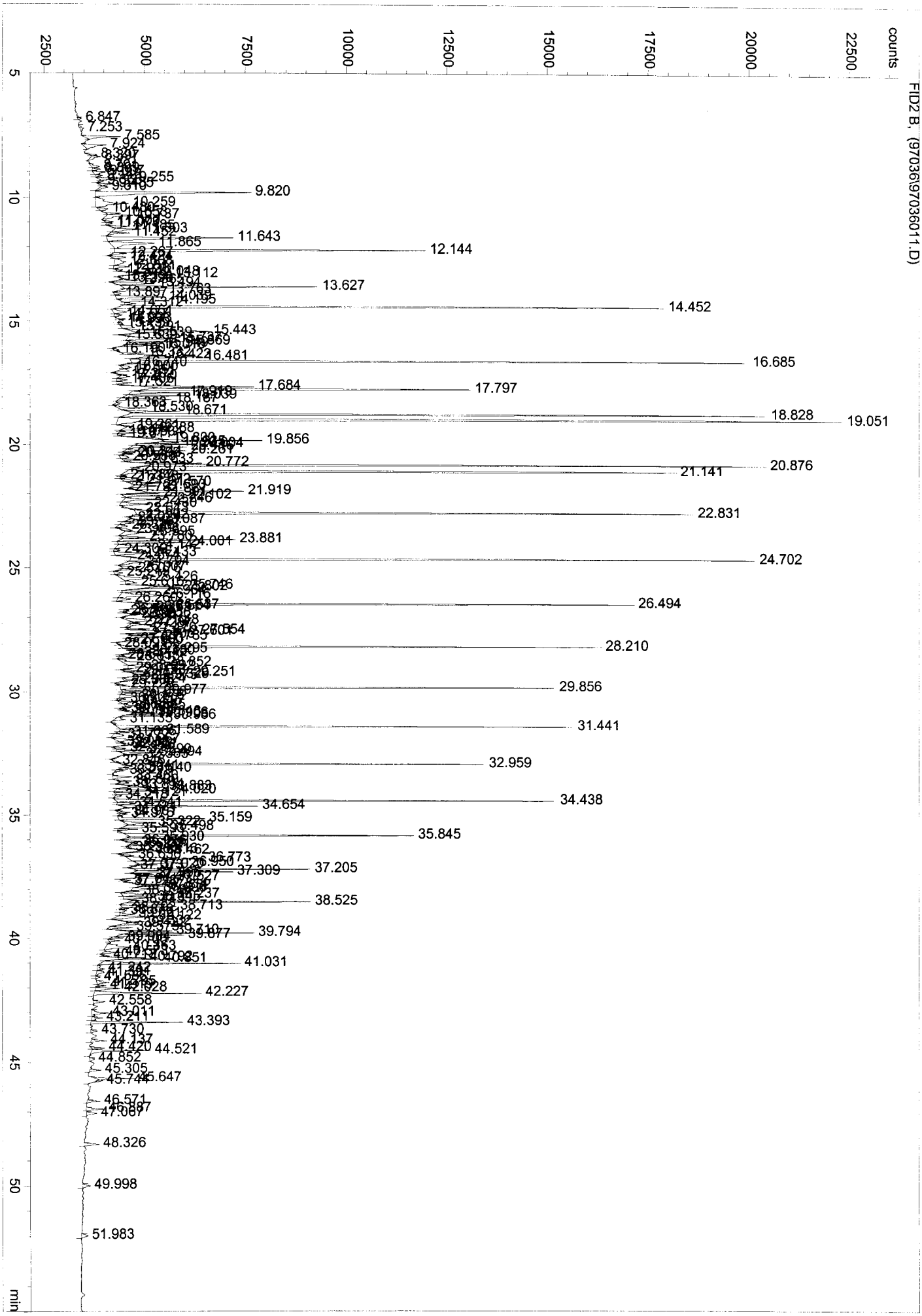

Ion 365.00 amu from 3037-0m-ar.d
Abundance
50000
40000
30000
20000
10000
0
Ion 351.00 amu from 3037-0m-ar.d
Abundance
50000
40000
30000
20000
10000
0
42
44
46
48
50
52
Time (min.)

97036-18, WESSEL-1, CORE 15, 3040.2 M, AMERADA HESS, GR OVKNUST, ALI: 2.3 MG, KØRT d. 16. DECEMBER 1997.

==========

Injection Date	: 16-12-97 19:13:41	Seq. Line	: 5
Sample Name	: 3040.2 M	Vial	: 5
Acq. Operator	: DD	Inj	: 1
		Inj Volume	: 1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:32:50 by per (modified after loading)		

Metode baseret på Norsk Industristandard


2500
5000
7500
10000
12500
15000
17500
20000
22500
counts
FID2 B, (97036\97036011.D)
min
6.847
7.253
7.585
7.924
9.820
10.259
11.643
11.865
12.144
13.627
14.452
15.443
16.481
16.685
17.684
17.797
18.671
18.828
19.051
19.856
20.772
20.876
21.141
21.919
22.831
23.881
24.702
26.494
28.210
29.856
31.441
32.959
34.438
34.654
35.159
35.845
37.205
37.309
38.525
39.794
41.031
42.227
43.393
44.521
46.571
48.326
49.998
51.983

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	6.847	PBA	0.1157	948.13977	103.65173	0.07535
2	7.253	PBA	0.1566	1310.67981	102.91525	0.10416
3	7.585	PBA	0.0602	3888.19312	922.20001	0.30899
4	7.924	PBA	0.0805	3658.85596	597.24072	0.29076
5	8.320	PB	0.0410	471.35281	183.55254	0.03746
6	8.397	VBA	0.1007	1819.76819	226.47467	0.14461
7	8.791	PB	0.0711	1038.44067	194.93411	0.08252
8	8.899	VB	0.0440	632.01562	199.55032	0.05023
9	9.007	VB	0.0551	1241.47864	314.32813	0.09866
10	9.146	VB	0.0386	481.54211	189.79767	0.03827
11	9.255	VB	0.0451	2805.94922	931.93079	0.22298
12	9.366	VB	0.0483	284.84753	94.12934	0.02264
13	9.485	VB	0.0462	1276.75366	411.02396	0.10146
14	9.610	VBA	0.1130	1743.10278	186.61707	0.13852
15	9.820	BB	0.0620	1.72582e4	3869.00732	1.37148
16	10.259	VB	0.1061	6783.49756	823.92175	0.53907
17	10.480	VB	0.0612	1043.54736	247.45573	0.08293
18	10.653	VB	0.0382	869.23340	373.01431	0.06908
19	10.737	VBA	0.0799	3817.67749	646.40479	0.30338
20	11.000	BB	0.0446	585.31732	203.07506	0.04651
21	11.073	VB	0.0403	429.11731	154.80305	0.03410
22	11.185	VB	0.0485	1518.23242	460.11243	0.12065
23	11.303	VB	0.0554	2493.28442	654.62384	0.19814
24	11.452	VB	0.0426	1436.12170	483.88000	0.11413
25	11.643	VB	0.0636	1.41642e4	3142.42065	1.12561
26	11.865	VB	0.0810	7016.40723	1106.37073	0.55758
27	12.144	VB	0.0540	2.71115e4	7711.88281	2.15451
28	12.267	VB	0.0421	979.86444	345.31848	0.07787

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	12.424	VB	0.0520	1414.13696	351.05008	0.11238
30	12.608	VB	0.1091	2500.83740	288.67496	0.19874
31	12.811	VB	0.0513	1351.59399	391.05127	0.10741
32	12.936	VB	0.0400	515.33289	187.74834	0.04095
33	13.048	VB	0.0322	890.62329	489.29889	0.07078
34	13.112	VB	0.0418	2481.16333	940.07764	0.19717
35	13.213	VB	0.0188	72.51456	57.34342	0.00576
36	13.299	VB	0.0318	223.08047	97.08224	0.01773
37	13.365	VB	0.0485	1472.90906	483.52802	0.11705
38	13.494	VB	0.0542	3371.69751	1003.05719	0.26794
39	13.627	VB	0.0516	1.60649e4	4854.89307	1.27665
40	13.763	VB	0.0442	3256.10425	1109.87463	0.25876
41	13.897	VB	0.0448	655.96954	182.98898	0.05213
42	14.039	VB	0.0630	4990.97314	1213.80029	0.39662
43	14.195	VB	0.0471	3854.75562	1212.54517	0.30633
44	14.312	VB	0.0371	743.89777	288.47122	0.05912
45	14.452	VB	0.0455	4.00537e4	1.35548e4	3.18301
46	14.651	VB	0.0729	1844.61292	321.77075	0.14659
47	14.777	VB	0.0475	677.91473	195.17163	0.05387
48	14.933	VB	0.0325	362.75693	173.07452	0.02883
49	14.993	VBA	0.1460	1194.29712	98.84142	0.09491
50	15.139	BB	0.0338	293.59818	115.13492	0.02333
51	15.291	VB	0.0760	1878.26794	308.71832	0.14926
52	15.443	VB	0.0618	8359.51172	1882.82349	0.66432
53	15.539	VB	0.0349	778.08624	365.11377	0.06183
54	15.639	VB	0.0365	282.49344	98.52413	0.02245
55	15.737	VB	0.0597	4842.07812	1184.37549	0.38479
56	15.869	VB	0.0388	3231.15332	1356.05859	0.25677
57	15.949	VB	0.0361	1699.73279	789.07855	0.13508
58	16.018	VBA	0.0481	2771.55688	848.27966	0.22025
59	16.190	BB	0.0397	361.59949	125.01685	0.02874
60	16.332	VB	0.0403	1427.94788	550.35449	0.11348
61	16.422	VB	0.0304	749.21722	427.52969	0.05954
62	16.481	VB	0.0483	4390.37793	1335.83716	0.34890
63	16.685	VB	0.0432	4.21627e4	1.52951e4	3.35060
64	16.740	VB	0.0328	551.10217	270.23331	0.04380
65	16.900	VB	0.0608	1120.84216	234.15948	0.08907
66	17.051	VB	0.0616	1426.57581	316.57791	0.11337
67	17.202	VB	0.0409	596.49408	205.04149	0.04740
68	17.270	VB	0.0500	914.73975	260.55463	0.07269
69	17.406	VB	0.0455	813.97791	260.19287	0.06469
70	17.521	VB	0.0520	1262.64294	377.40924	0.10034
71	17.684	VB	0.0520	7969.93506	2659.94043	0.63336
72	17.797	VB	0.0506	2.68293e4	8114.88867	2.13208
73	17.919	VB	0.0434	4009.36743	1359.03662	0.31862
74	18.039	VB	0.0413	4418.67432	1598.24512	0.35115
75	18.187	VBA	0.0554	4973.17822	1305.47595	0.39521
76	18.363	BB	0.0462	460.02448	144.26852	0.03656
77	18.530	VB	0.0472	2314.31616	706.86218	0.18392

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	18.671	VB	0.0377	3179.08301	1290.62219	0.25264
79	18.828	VB	0.0428	4.88177e4	1.59073e4	3.87946
80	19.051	VB	0.0557	7.51494e4	1.79987e4	5.97201
81	19.261	VB	0.0274	386.96771	221.84438	0.03075
82	19.388	VB	0.0532	2265.59668	626.86536	0.18004
83	19.474	VB	0.0292	201.36101	122.54117	0.01600
84	19.534	VB	0.0374	1017.11841	432.52405	0.08083
85	19.611	VB	0.0349	435.69299	196.52956	0.03462
86	19.800	VB	0.0801	2159.25317	331.20523	0.17159
87	19.856	VB	0.0341	5297.04004	2459.49023	0.42095
88	19.935	VB	0.0395	1499.18933	636.20227	0.11914
89	20.004	VB	0.0331	2960.00146	1492.55298	0.23523
90	20.116	VB	0.0433	3877.66992	1398.92700	0.30815
91	20.261	VB	0.0361	3569.82593	1538.76990	0.28369
92	20.344	VB	0.0274	451.19839	258.55984	0.03586
93	20.402	VB	0.0272	401.35486	243.84798	0.03190
94	20.536	VB	0.0667	1114.68677	214.32411	0.08858
95	20.633	VB	0.0397	1587.52393	584.61713	0.12616
96	20.772	VB	0.0330	2739.81494	1387.58191	0.21773
97	20.876	VB	0.0395	4.16400e4	1.54400e4	3.30907
98	20.973	VB	0.0361	532.72803	182.34828	0.04234
99	21.141	VB	0.0539	5.38618e4	1.36864e4	4.28031
100	21.287	VB	0.0266	228.61269	143.45557	0.01817
101	21.348	VB	0.0302	563.24359	283.66711	0.04476
102	21.472	VB	0.0459	1618.37207	511.17850	0.12861
103	21.570	VB	0.0639	3506.11621	872.76251	0.27863
104	21.693	VB	0.0523	2290.45166	646.75696	0.18202
105	21.792	VB	0.0198	81.28389	68.74751	0.00646
106	21.919	VB	0.0518	8524.50879	2501.34644	0.67743
107	21.991	VB	0.0282	893.09778	515.41705	0.07097
108	22.102	VB	0.0423	4204.61768	1516.58862	0.33413
109	22.246	VB	0.0495	3491.35669	1030.92212	0.27745
110	22.430	VB	0.0504	2943.27588	739.76257	0.23390
111	22.643	VB	0.0197	185.93011	249.88240	0.01478
112	22.831	VB	0.0498	4.72283e4	1.38298e4	3.75316
113	22.902	VB	0.0402	527.55353	203.80124	0.04192
114	23.024	VB	0.0324	173.67110	74.02272	0.01380
115	23.087	VB	0.0439	2349.99780	763.20355	0.18675
116	23.197	VB	0.0458	1189.99121	324.08743	0.09457
117	23.328	VB	0.0594	1198.60449	252.52544	0.09525
118	23.496	VB	0.0574	1163.56873	244.94531	0.09247
119	23.595	VB	0.0738	3274.15967	608.58936	0.26019
120	23.780	VB	0.0423	1638.46594	592.19879	0.13021
121	23.881	VB	0.0611	1.02644e4	2847.03979	0.81569
122	24.001	VB	0.0402	4371.04248	1690.69678	0.34736
123	24.142	VB	0.0641	4148.28418	910.58679	0.32966
124	24.309	VB	0.0392	443.05331	165.40727	0.03521
125	24.433	VB	0.0597	3749.30981	879.69507	0.29795
126	24.574	VB	0.0305	291.11932	165.46840	0.02313

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	24.702	VB	0.0425	4.45102e4	1.55064e4	3.53715
128	24.794	VB	0.0653	2025.69250	405.09647	0.16098
129	25.007	VB	0.0431	1356.80212	426.18665	0.10782
130	25.076	VB	0.0354	898.85657	334.47150	0.07143
131	25.219	VB	0.0441	744.05359	211.44063	0.05913
132	25.426	VB	0.0757	4214.36719	748.02759	0.33491
133	25.616	VB	0.0520	1138.74646	295.43137	0.09049
134	25.746	VB	0.0379	2418.10400	913.74335	0.19216
135	25.802	VB	0.0477	2265.29639	719.93420	0.18002
136	25.964	VB	0.0362	2143.52246	918.13849	0.17034
137	26.116	VB	0.0651	5509.12061	1088.19641	0.43780
138	26.260	VB	0.0562	1349.64697	341.11655	0.10725
139	26.494	VB	0.0394	3.19120e4	1.18472e4	2.53600
140	26.537	VB	0.0184	213.88876	201.59279	0.01700
141	26.584	VB	0.0212	319.26535	230.19778	0.02537
142	26.631	VB	0.0280	426.46057	248.84761	0.03389
143	26.708	VB	0.0300	263.46716	133.61282	0.02094
144	26.780	VB	0.0271	179.73187	83.44701	0.01428
145	26.856	VB	0.0327	741.67712	365.27527	0.05894
146	26.901	VBA	0.0903	778.38263	110.39150	0.06186
147	27.148	BB	0.0803	3412.78052	550.86438	0.27121
148	27.219	VB	0.0258	281.65405	185.05969	0.02238
149	27.287	VB	0.0470	1432.47119	379.98431	0.11384
150	27.470	VB	0.0357	1235.26184	539.55328	0.09816
151	27.554	VB	0.0363	2137.28833	914.08984	0.16985
152	27.601	VB	0.0185	358.02386	363.55121	0.02845
153	27.706	VB	0.0377	980.77881	445.97983	0.07794
154	27.785	VB	0.0553	2488.75122	737.94098	0.19778
155	27.893	VB	0.0414	528.43140	184.39206	0.04199
156	27.960	VB	0.0341	661.07770	284.49774	0.05253
157	28.091	VB	0.0429	186.82629	62.37645	0.01485
158	28.210	VB	0.0479	3.45500e4	1.19071e4	2.74563
159	28.295	VB	0.0345	1933.09241	820.44153	0.15362
160	28.380	VB	0.0390	875.18896	377.78973	0.06955
161	28.442	VB	0.0368	790.42017	272.73434	0.06281
162	28.545	VB	0.0295	249.69882	123.80737	0.01984
163	28.615	VB	0.0387	866.96924	340.47614	0.06890
164	28.852	VB	0.0773	5890.11914	991.47974	0.46808
165	28.992	VB	0.0532	1884.93921	466.18381	0.14979
166	29.077	VB	0.0290	286.48654	159.09859	0.02277
167	29.153	VB	0.0338	948.51691	398.23584	0.07538
168	29.251	VB	0.0444	3666.10571	1405.15393	0.29134
169	29.329	VB	0.0281	926.60278	511.90427	0.07364
170	29.375	VB	0.0257	407.39096	284.10303	0.03237
171	29.524	VB	0.0411	1102.11658	387.95740	0.08758
172	29.586	VBA	0.0989	1056.68127	132.64876	0.08397
173	29.726	PB	0.0310	452.85992	230.17943	0.03599
174	29.856	VB	0.0391	2.96914e4	1.07870e4	2.35953
175	29.977	VB	0.0357	2074.77026	940.36786	0.16488

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	30.056	VB	0.0384	1078.61389	442.94705	0.08572
177	30.178	VB	0.0591	2048.45605	441.35849	0.16279
178	30.305	VB	0.0357	488.27158	213.34818	0.03880
179	30.415	VB	0.0450	1423.55908	405.52695	0.11313
180	30.575	VB	0.0419	991.20898	331.59006	0.07877
181	30.645	VB	0.0290	318.99292	196.11572	0.02535
182	30.707	VB	0.0255	272.86923	171.86024	0.02168
183	30.763	VB	0.0266	305.28586	181.79135	0.02426
184	30.848	VB	0.0295	917.94238	522.18713	0.07295
185	30.906	VB	0.0322	1446.76367	727.76147	0.11497
186	30.986	VB	0.0403	2821.61304	1165.10950	0.22423
187	31.135	VB	0.0523	1173.91907	289.57663	0.09329
188	31.441	VB	0.0425	3.25309e4	1.13142e4	2.58518
189	31.589	VB	0.0364	2704.10547	1071.59485	0.21489
190	31.666	VB	0.0306	752.03528	317.79227	0.05976
191	31.777	VB	0.0814	1698.88733	266.54196	0.13501
192	31.967	VB	0.0599	2032.20435	447.80209	0.16150
193	32.083	VB	0.0264	108.66190	65.37146	0.00864
194	32.151	VB	0.0364	449.77832	161.84850	0.03574
195	32.196	VB	0.0222	187.09279	119.93781	0.01487
196	32.314	VB	0.0383	722.26581	278.21844	0.05740
197	32.390	VB	0.0384	1586.98962	701.01263	0.12612
198	32.494	VB	0.0477	2969.51782	851.58173	0.23598
199	32.583	VB	0.0380	1060.42065	442.51764	0.08427
200	32.846	VB	0.0395	322.65012	115.70440	0.02564
201	32.959	VB	0.0422	2.47744e4	8980.51367	1.96878
202	33.041	VB	0.0384	467.44412	179.57384	0.03715
203	33.140	VB	0.0322	1285.92932	619.94934	0.10219
204	33.219	VBA	0.0758	1476.67944	250.32440	0.11735
205	33.460	BBA	0.0667	2522.50781	469.17542	0.20046
206	33.630	PB	0.0322	686.28821	318.14798	0.05454
207	33.710	VB	0.0412	791.31207	254.87405	0.06288
208	33.814	VB	0.0425	666.53223	254.69830	0.05297
209	33.883	VB	0.0372	2287.45508	979.34204	0.18178
210	34.020	VB	0.0450	3702.48730	1349.93970	0.29423
211	34.121	VB	0.0528	2187.07349	624.71381	0.17380
212	34.218	VBA	0.1239	1410.29810	136.08041	0.11207
213	34.438	BB	0.0425	3.13665e4	1.09144e4	2.49264
214	34.541	VB	0.0511	1446.63892	455.47699	0.11496
215	34.654	VB	0.0472	9846.21875	3363.51538	0.78246
216	34.724	VB	0.0297	203.63707	96.26199	0.01618
217	34.901	VB	0.0491	925.91052	276.20081	0.07358
218	34.976	VB	0.0392	490.36383	189.34531	0.03897
219	35.159	VB	0.0467	6734.96289	2143.52319	0.53522
220	35.322	VB	0.0557	2939.52271	733.79700	0.23360
221	35.498	VB	0.0610	4599.86670	1096.07959	0.36554
222	35.593	VB	0.0295	1024.09180	487.27148	0.08138
223	35.845	VB	0.0433	2.08360e4	7083.37939	1.65581
224	35.930	VB	0.0420	2255.84741	751.35834	0.17927

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	36.076	VB	0.0390	881.52826	342.75171	0.07005
226	36.159	VB	0.0263	284.51553	142.60680	0.02261
227	36.221	VB	0.0339	755.37231	354.26694	0.06003
228	36.343	VB	0.0346	269.20767	102.57098	0.02139
229	36.416	VB	0.0247	310.22287	183.32661	0.02465
230	36.462	VB	0.0507	1893.71362	529.38403	0.15049
231	36.636	VB	0.0400	823.47424	300.09213	0.06544
232	36.773	VB	0.0705	9527.00488	1866.91284	0.75710
233	36.950	VB	0.0573	5323.94141	1234.78369	0.42309
234	37.020	VB	0.0309	921.99200	491.72604	0.07327
235	37.073	VB	0.0205	139.23402	87.96304	0.01106
236	37.205	VB	0.0382	1.09224e4	4361.80518	0.86799
237	37.309	VB	0.0408	6710.70361	2465.07739	0.53329
238	37.396	VB	0.0327	1087.33765	474.41556	0.08641
239	37.467	VB	0.0190	138.35004	115.23271	0.01099
240	37.527	VB	0.0531	2794.62451	879.59271	0.22208
241	37.641	VB	0.0354	537.29510	228.57396	0.04270
242	37.723	VB	0.0118	56.90808	67.46863	0.00452
243	37.814	VB	0.0350	1140.83411	511.16333	0.09066
244	37.882	VB	0.0357	1246.71375	565.48230	0.09907
245	37.996	VB	0.0452	2266.92627	675.17828	0.18015
246	38.098	VB	0.0306	645.17590	318.60284	0.05127
247	38.237	VB	0.0524	4798.95312	1259.84839	0.38137
248	38.345	VB	0.0508	2555.82520	749.13672	0.20311
249	38.445	VB	0.0267	248.97809	147.40742	0.01979
250	38.525	VBA	0.0426	1.21970e4	4506.98535	0.96927
251	38.713	BB	0.0512	4416.37012	1348.35071	0.35096
252	38.792	VB	0.0330	410.10092	191.54762	0.03259
253	38.878	VB	0.0507	694.46655	181.44743	0.05519
254	39.021	VB	0.0438	1133.41345	369.46051	0.09007
255	39.122	VB	0.0600	3926.03784	934.33887	0.31200
256	39.332	VB	0.0417	1410.95264	461.64386	0.11213
257	39.422	VB	0.0502	1576.78113	389.92828	0.12530
258	39.575	VB	0.0467	1804.84106	590.42615	0.14343
259	39.710	VB	0.0494	3514.01221	1190.48657	0.27925
260	39.794	VB	0.0377	7147.86963	3124.85229	0.56803
261	39.877	VB	0.0469	4767.63574	1593.98230	0.37888
262	39.984	VB	0.0371	715.24353	308.14346	0.05684
263	40.100	VBA	0.0767	1751.37244	292.94342	0.13918
264	40.363	PBA	0.0962	4551.26270	588.40503	0.36168
265	40.573	BBA	0.0630	1962.62012	449.22330	0.15597
266	40.713	BB	0.0348	359.08548	162.19281	0.02854
267	40.792	VB	0.0315	1123.56299	583.10828	0.08929
268	40.851	VB	0.0382	2329.88135	964.53455	0.18515
269	41.031	VB	0.0426	1.03539e4	3489.17114	0.82280
270	41.242	VB	0.0690	933.86096	178.74608	0.07421
271	41.391	VBA	0.1220	1881.70154	192.61856	0.14954
272	41.586	BBA	0.1187	1094.16638	110.29934	0.08695
273	41.795	BBA	0.0753	1862.56384	309.02567	0.14801

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	41.919	BB	0.0320	523.03412	218.06462	0.04156
275	42.028	VB	0.0521	2380.39868	629.63770	0.18917
276	42.227	VBA	0.0506	9307.76270	2673.45361	0.73967
277	42.558	PBA	0.0765	1857.58289	303.04626	0.14762
278	43.011	PB	0.0633	1957.86206	420.91428	0.15559
279	43.211	VB	0.0534	1042.63904	267.80453	0.08286
280	43.393	VB	0.0415	6180.76367	2292.17065	0.49118
281	43.730	BB	0.0462	598.60913	165.57341	0.04757
282	44.137	BBA	0.0695	2023.80481	383.99271	0.16083
283	44.420	PB	0.0446	944.00995	337.69080	0.07502
284	44.521	VBA	0.0551	5410.67529	1464.09717	0.42998
285	44.852	BBA	0.1328	1254.20190	115.41010	0.09967
286	45.305	BBA	0.0728	1630.47974	284.56216	0.12957
287	45.647	PB	0.0462	2766.04810	972.12146	0.21981
288	45.744	VBA	0.1071	1138.42957	135.34351	0.09047
289	46.571	BBA	0.0716	1796.91589	324.72913	0.14280
290	46.887	BBA	0.0722	2388.96509	462.68527	0.18985
291	47.067	BBA	0.0826	1777.80371	260.57788	0.14128
292	48.326	PBA	0.0745	2165.34741	380.12637	0.17208
293	49.998	BBA	0.1044	1640.61926	198.60887	0.13038
294	51.983	BBA	0.1196	1590.86035	159.19965	0.12642
Totals :				1.25836e6	3.91137e5	

==========

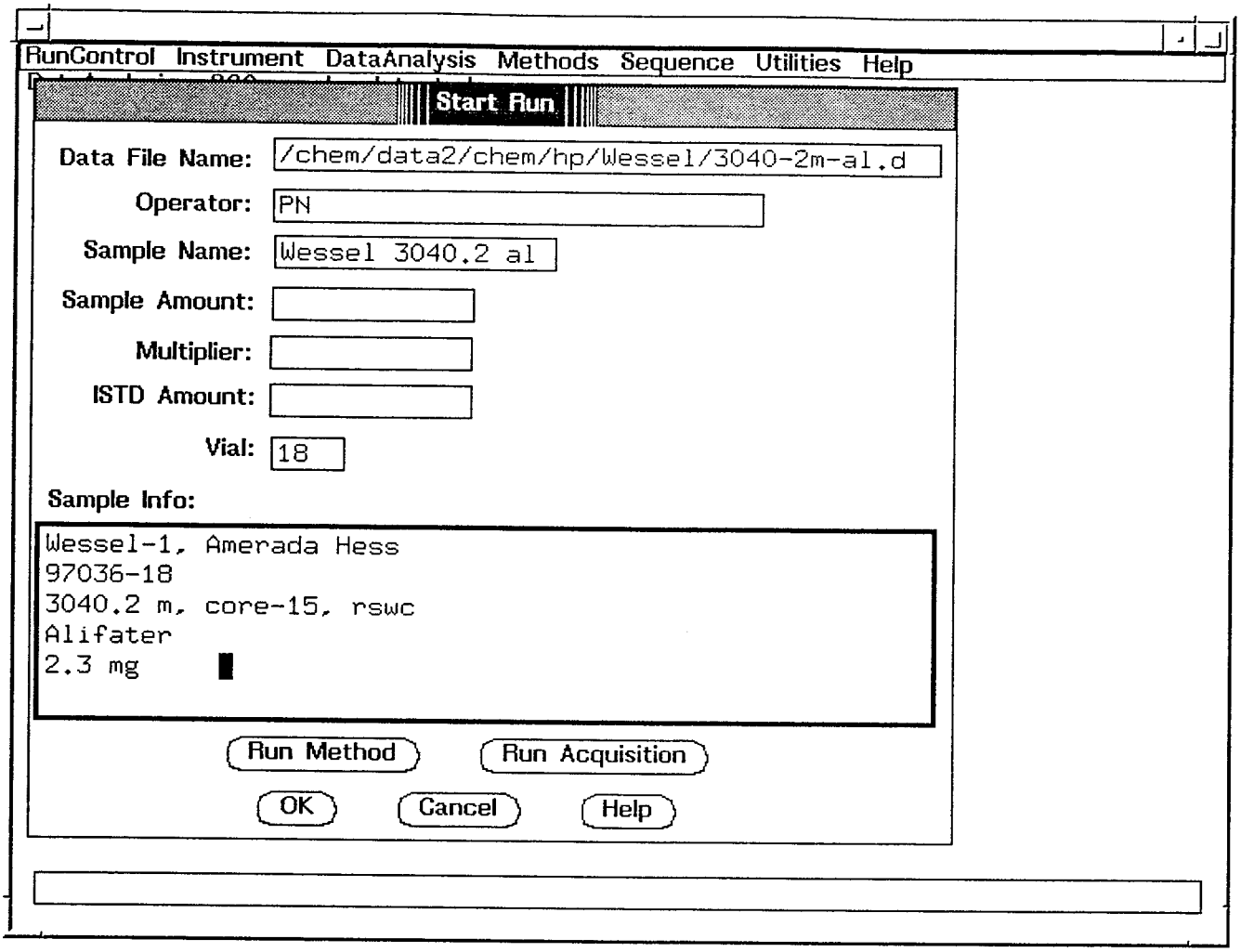
==========

Calibration Curves

==========

==========

*** End of Report ***

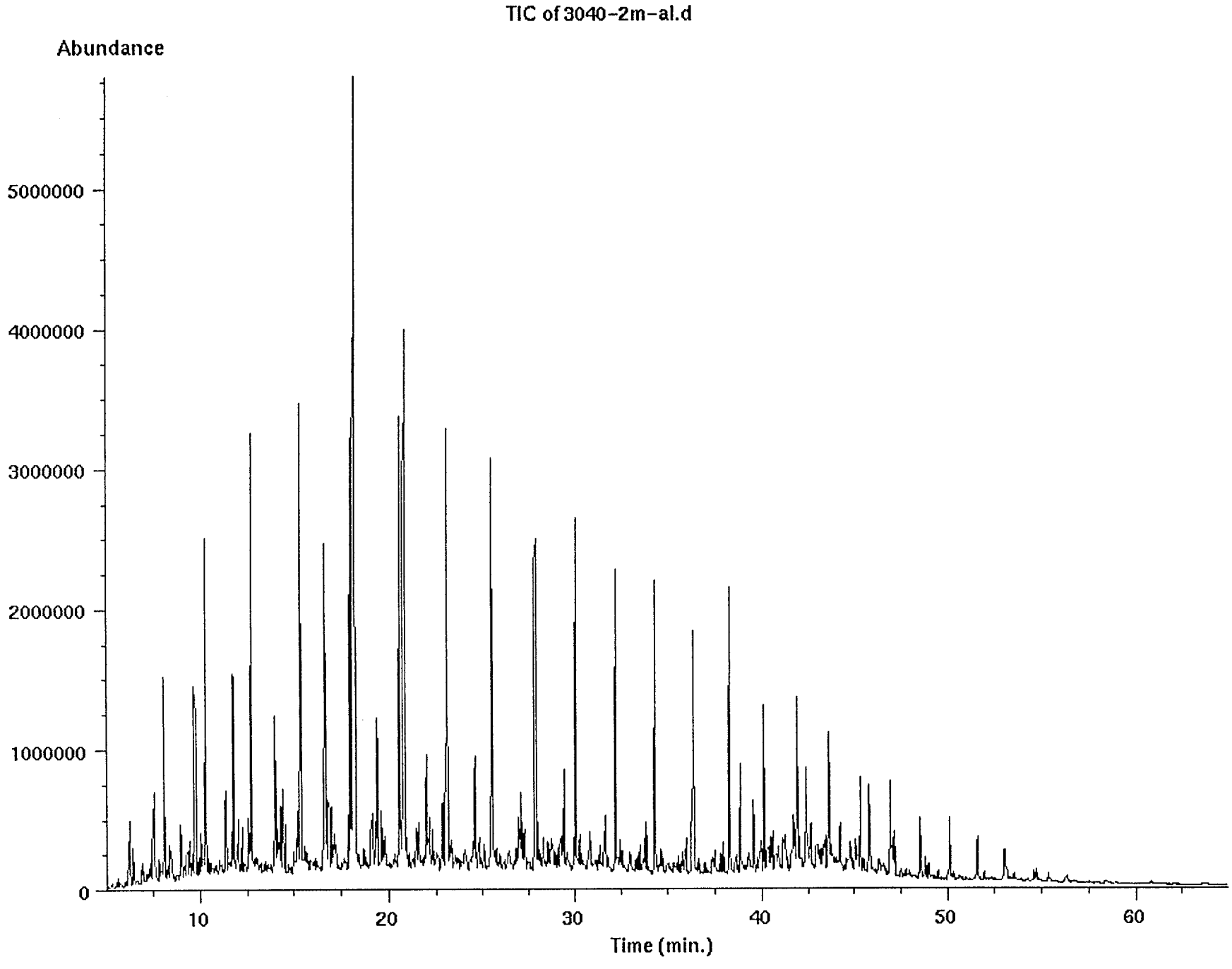

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3040-2m-al.d
Operator: PN
Sample Name: Wessel 3040.2 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 18
Sample Info:
Wessel-1, Amerada Hess
97036-18
3040.2 m, core-15, rswc
Alifater
2.3 mg
Run Method
Run Acquisition
OK
Cancel
Help

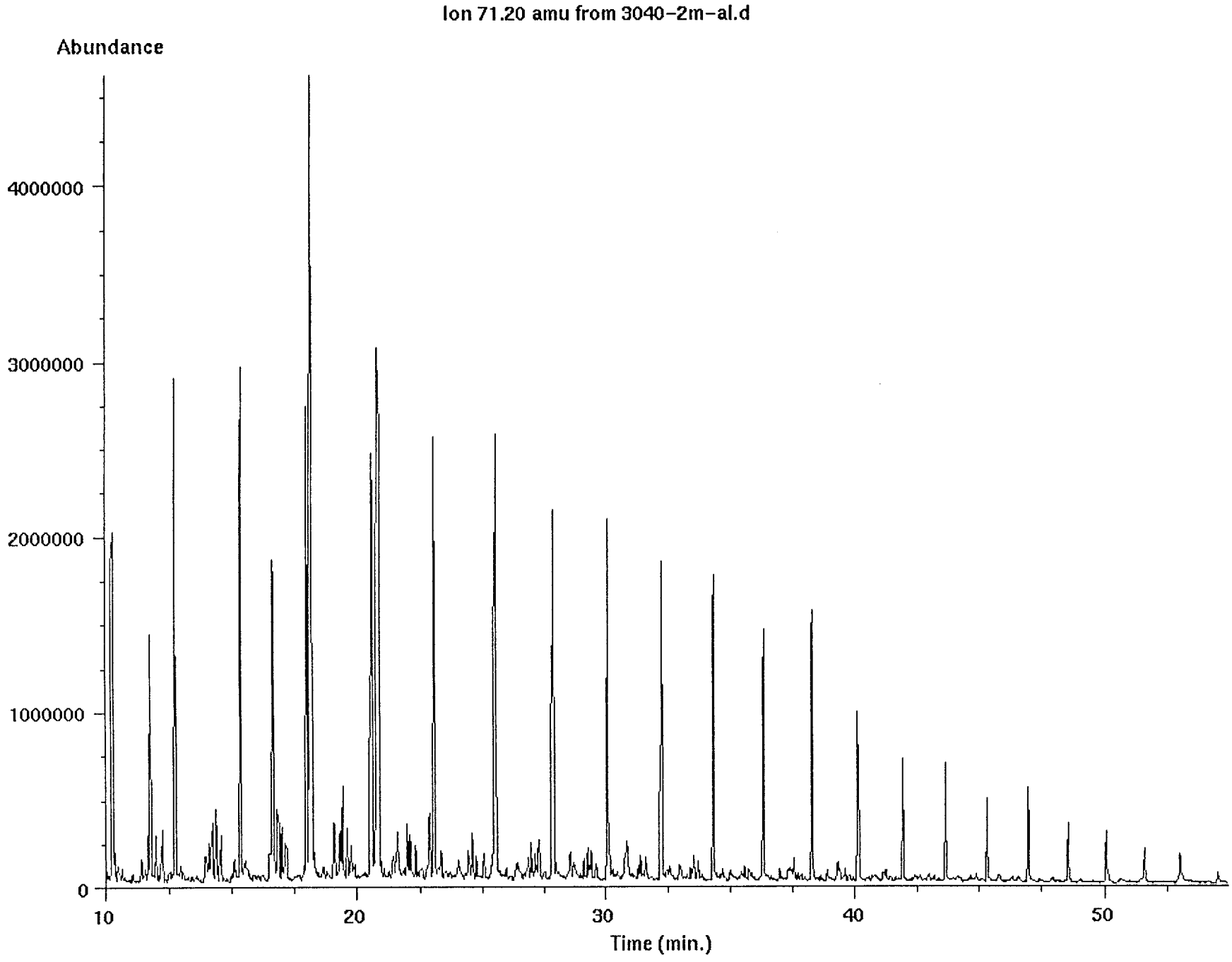
Data file: /chem/data2/chem/hp/Wessel/3040-2m-al.d
File type: GC / MS DATA FILE

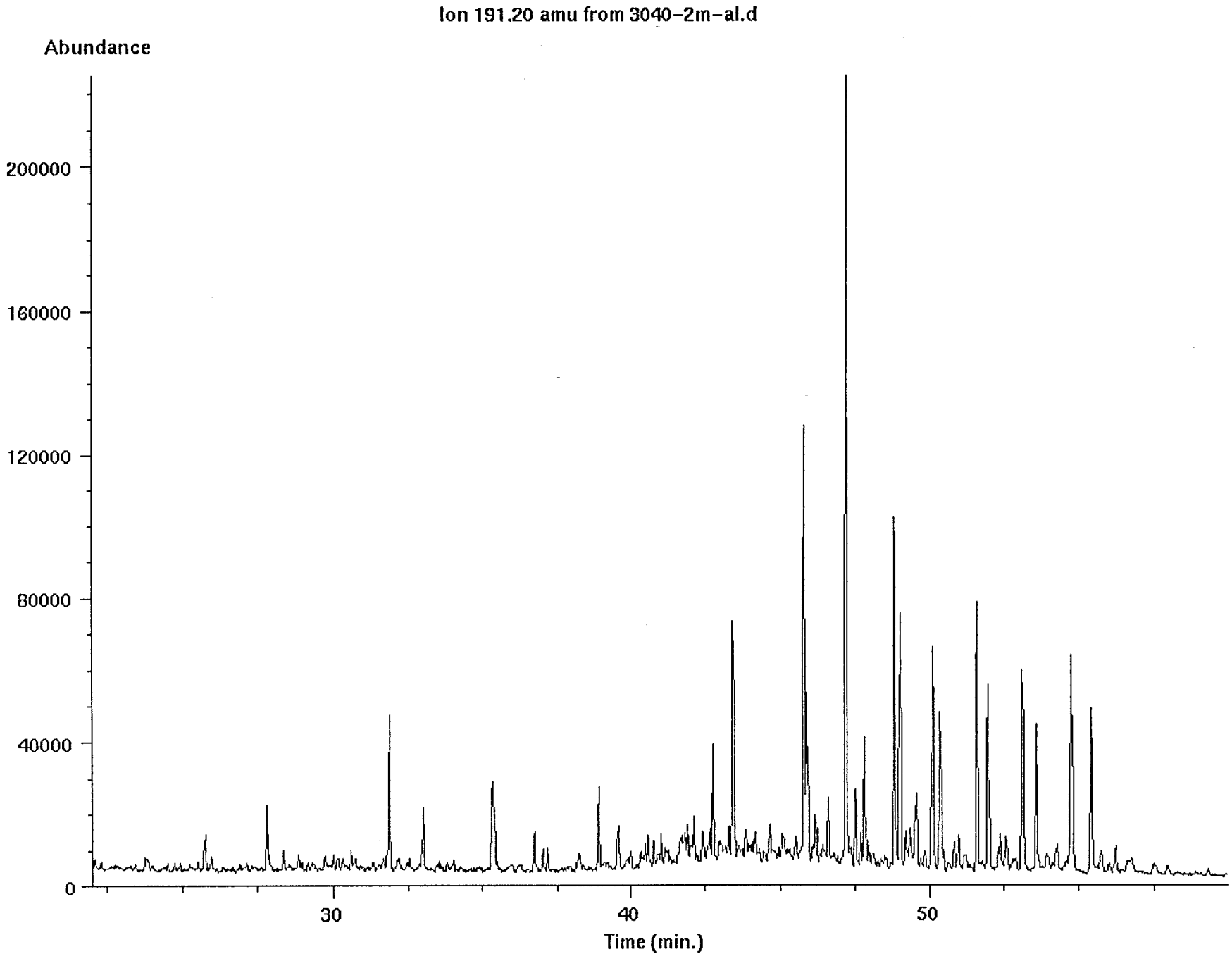
Name Info: Wessel 3040.2 al
Misc Info:
Operator : PN

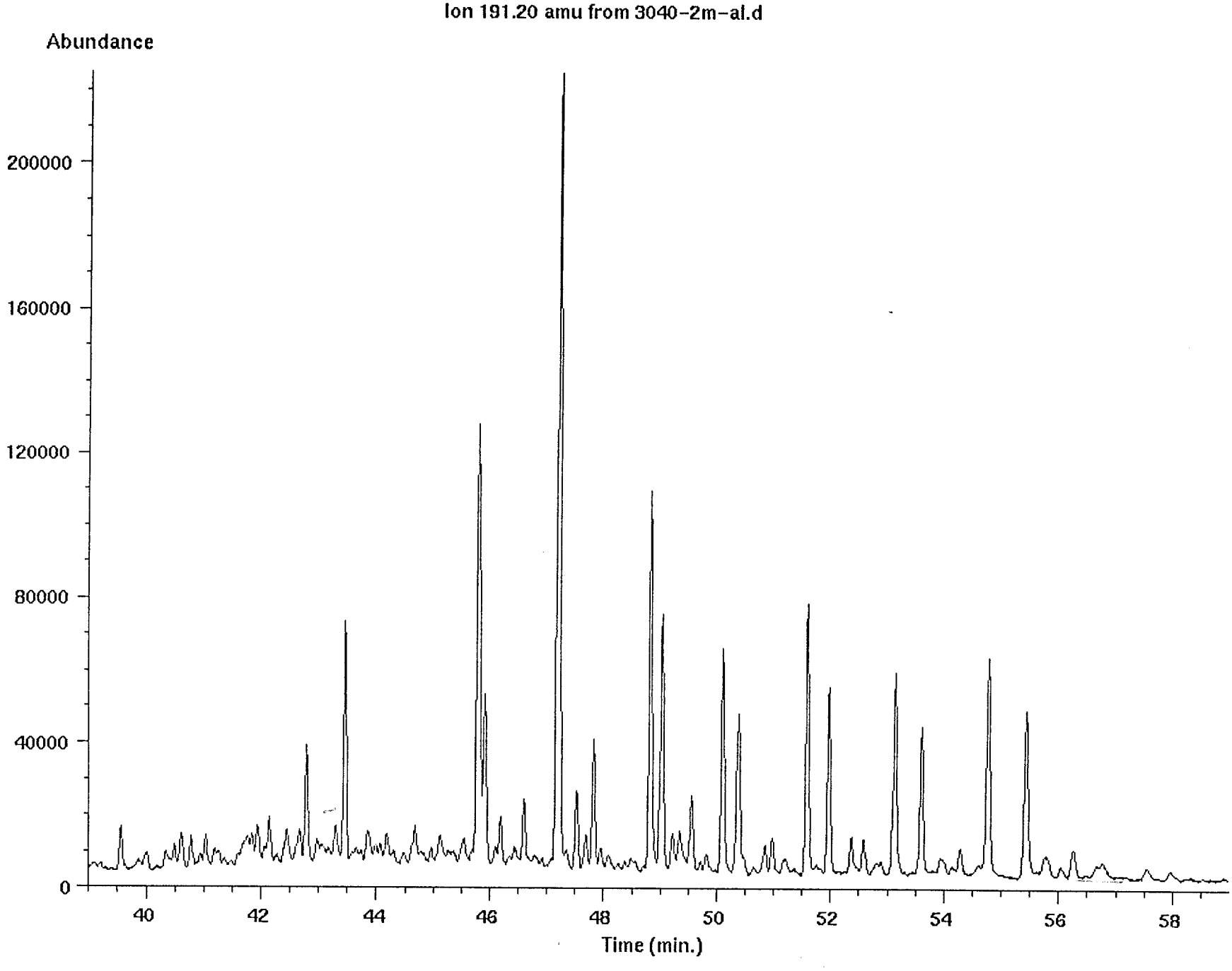
Date : Sat Jan 10 98 12:01:49 AM
Instrment: HP5971
Inlet : GC

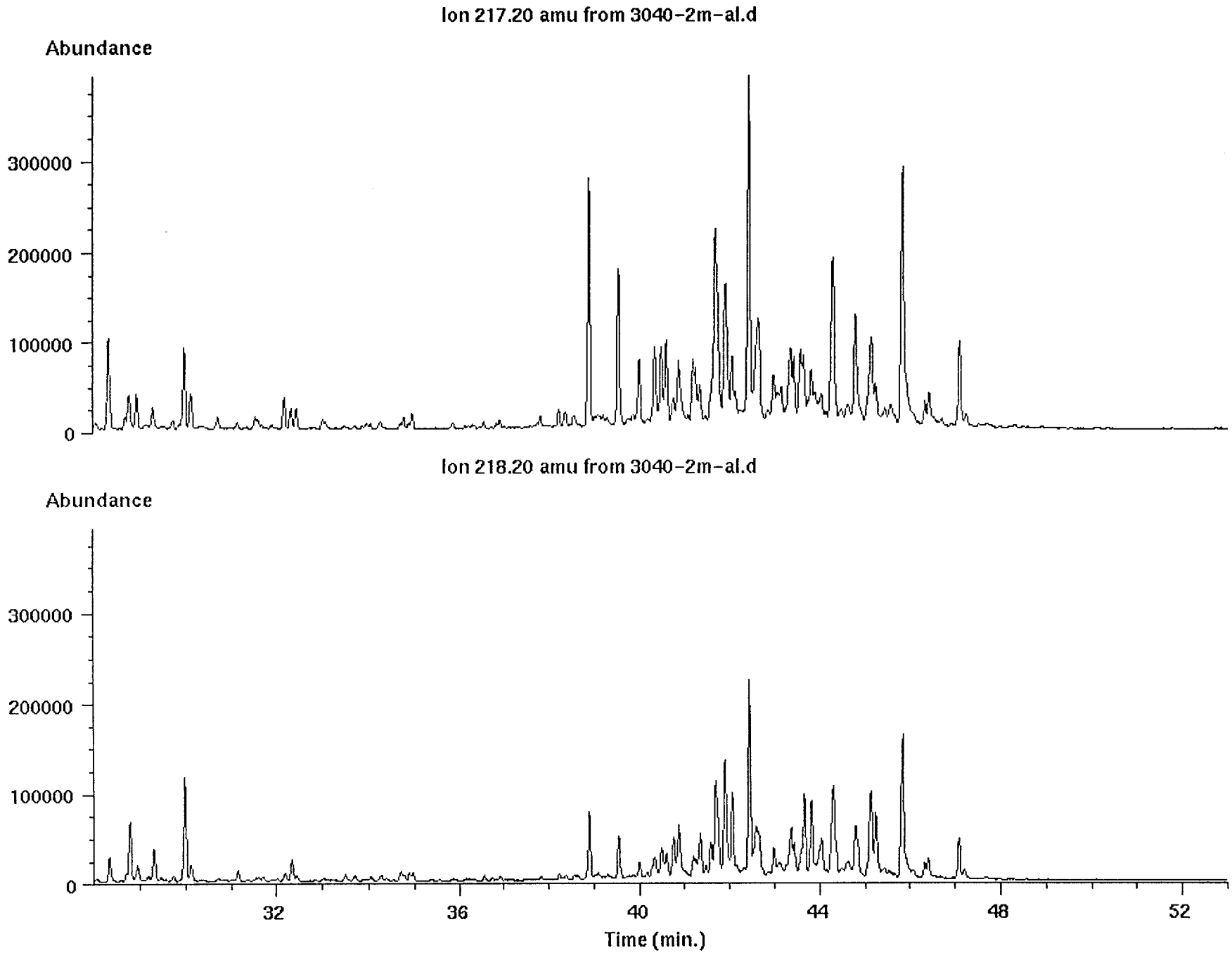
Sequence index : 0
Als bottle num : 18
Replicate num : 1

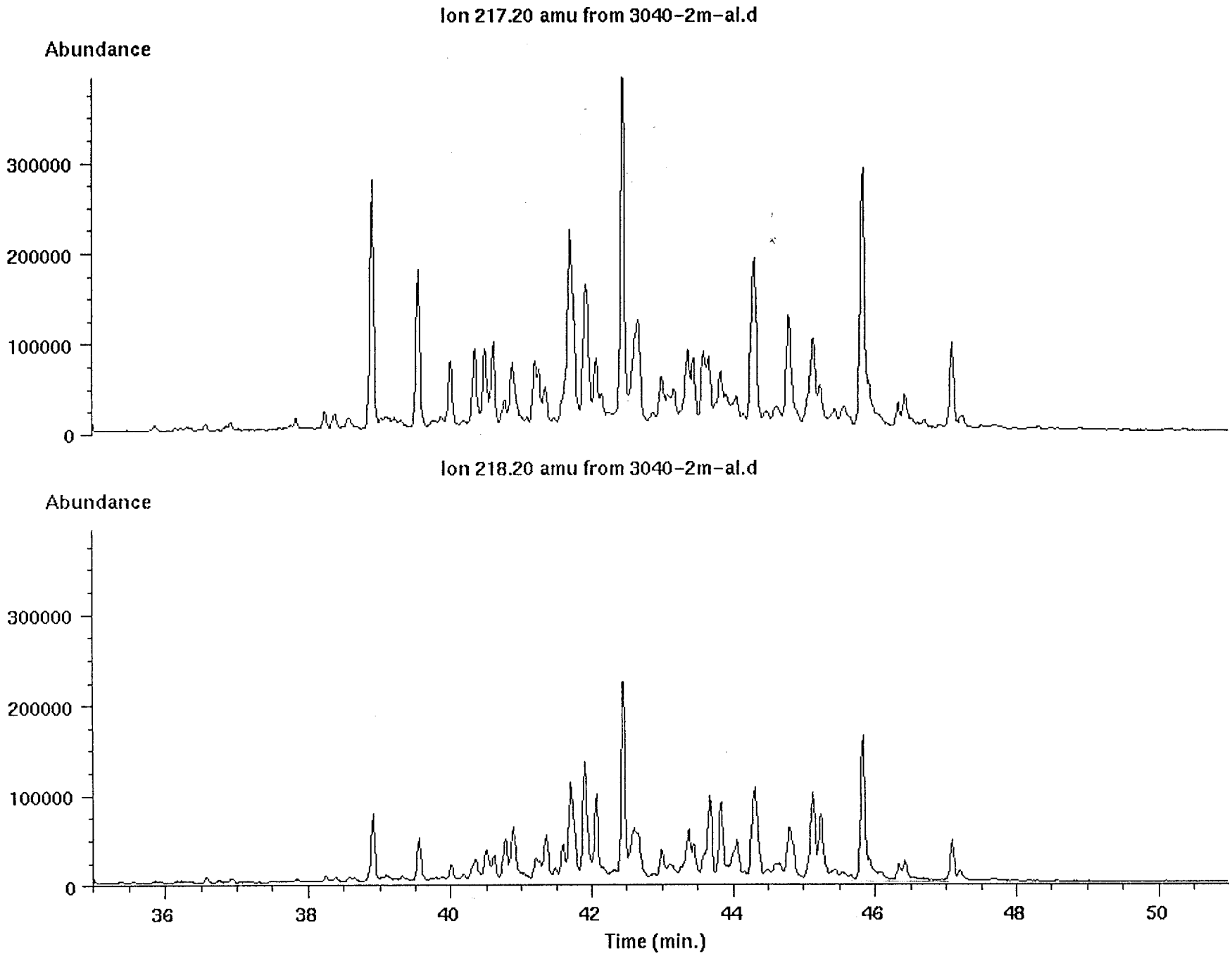

TIC of 3040-2m-al.d
Abundance
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

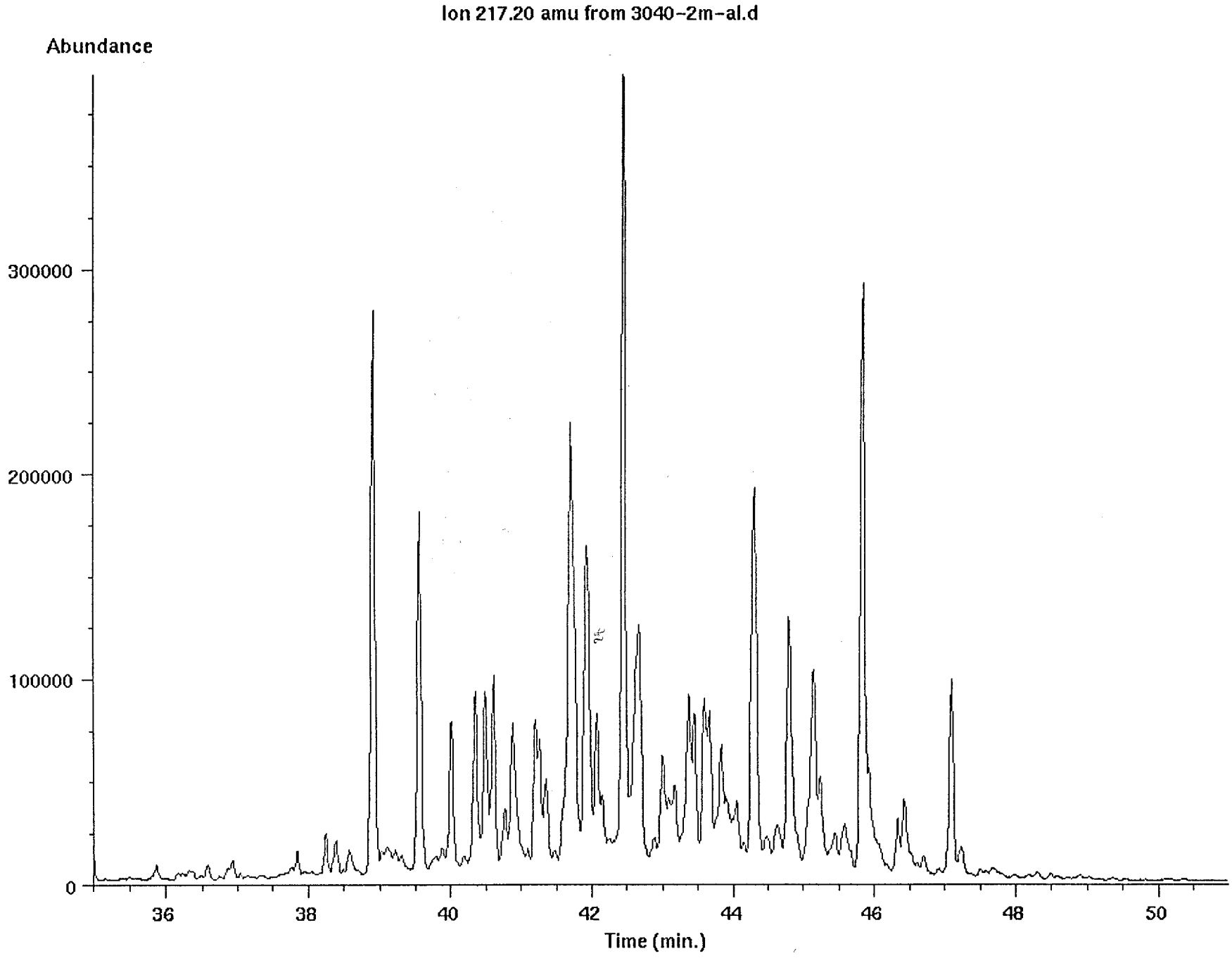

Ion 71.20 amu from 3040-2m-al.d
Abundance
4000000
3000000
2000000
1000000
0
10
20
30
40
50
Time (min.)

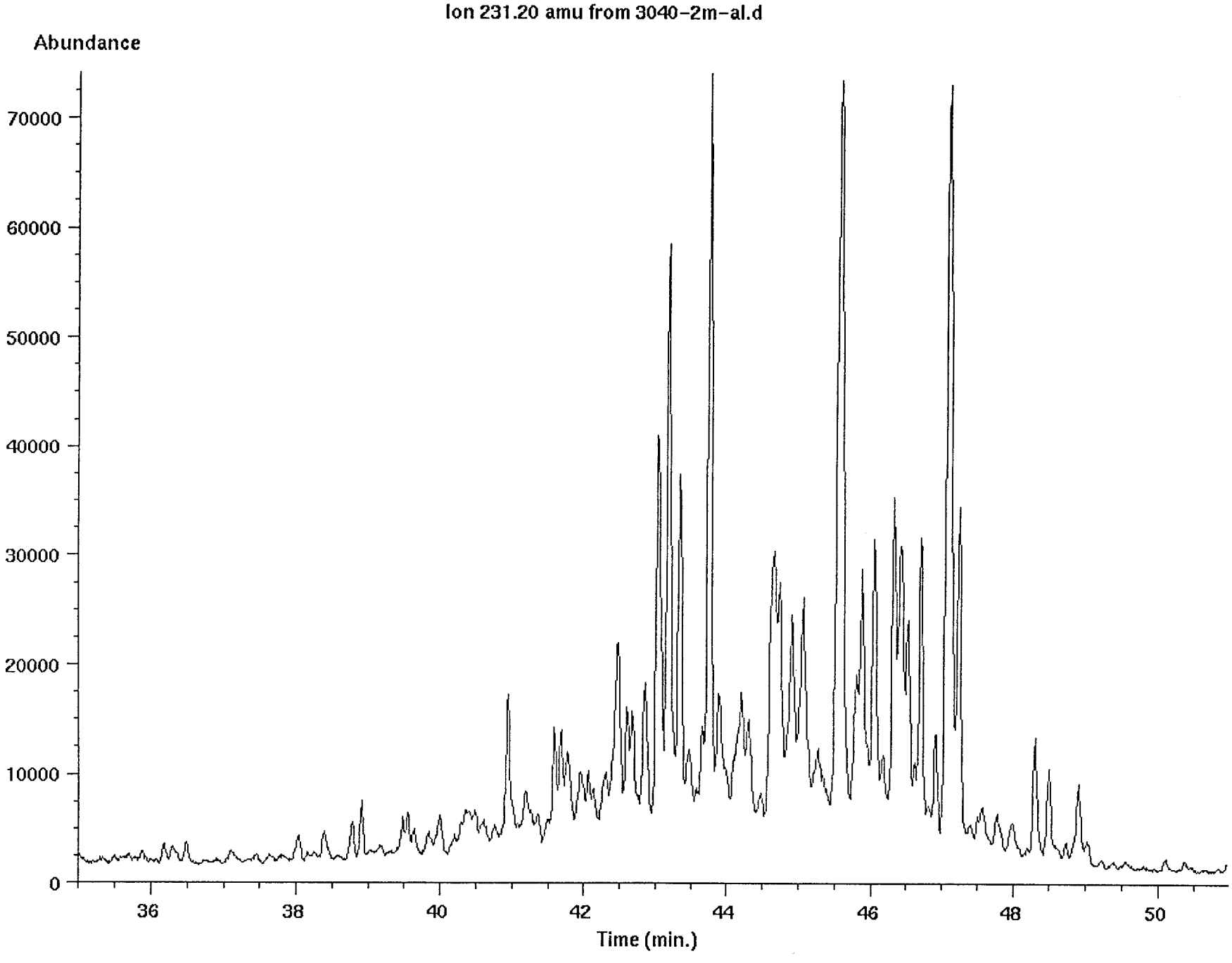

Ion 191.20 amu from 3040-2m-al.d
Abundance
200000
160000
120000
80000
40000
0
30
40
50
Time (min.)

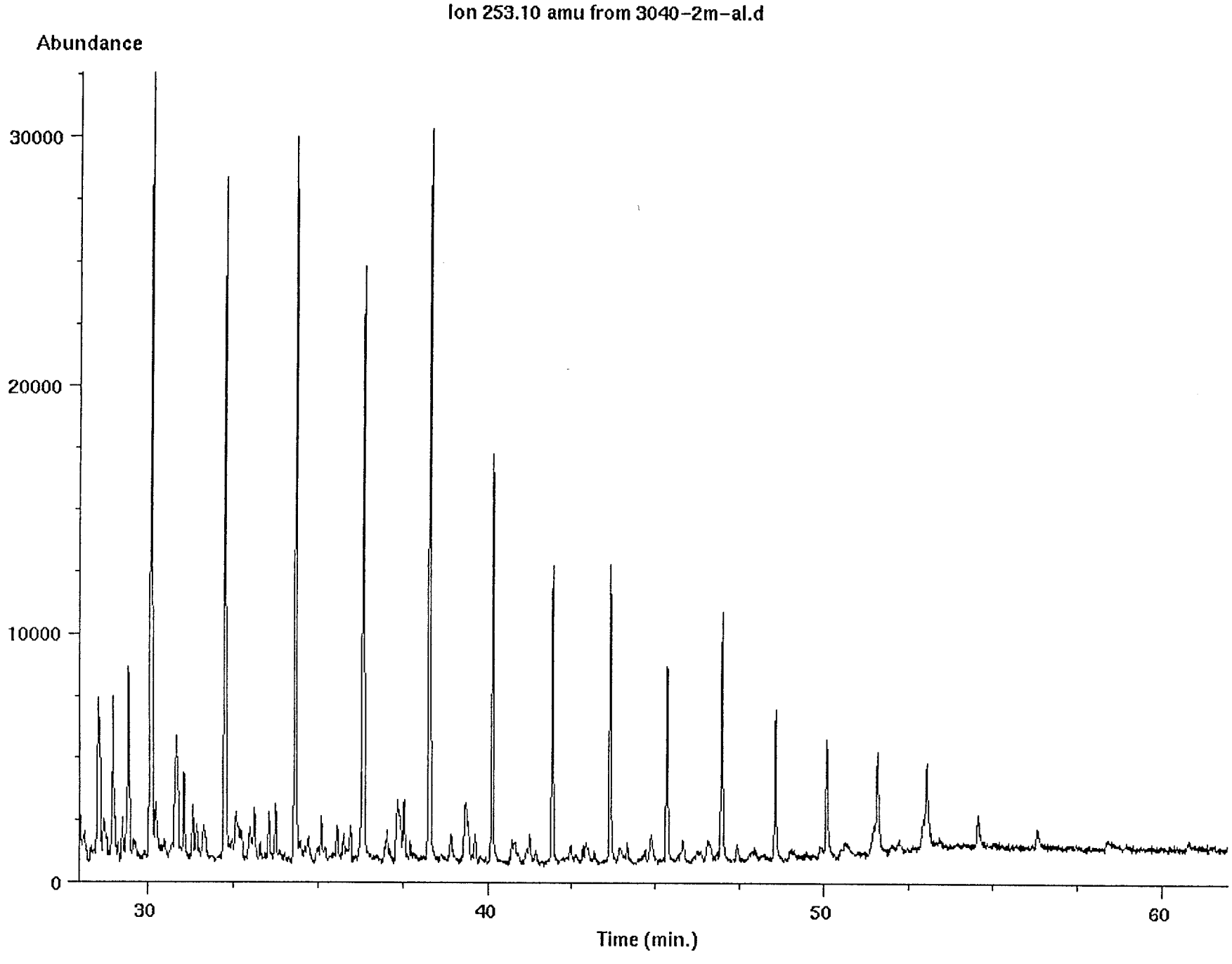

Ion 191.20 amu from 3040-2m-al.d
Abundance
200000
160000
120000
80000
40000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

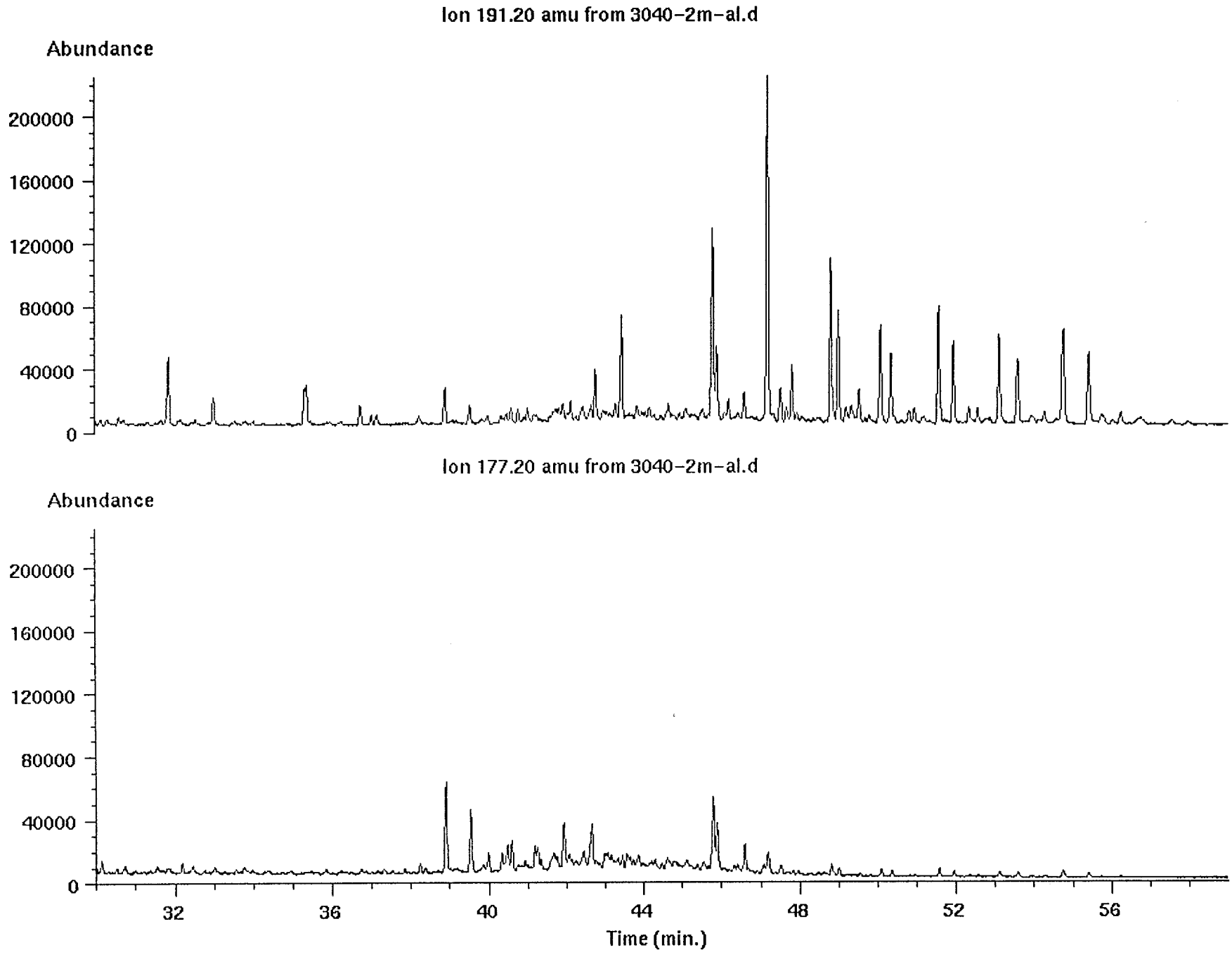

Ion 217.20 amu from 3040-2m-al.d
Abundance
300000
200000
100000
0
Ion 218.20 amu from 3040-2m-al.d
Abundance
300000
200000
100000
0
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3040-2m-al.d
Abundance
300000
200000
100000
0
Ion 218.20 amu from 3040-2m-al.d
Abundance
300000
200000
100000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3040-2m-al.d
Abundance
300000
200000
100000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3040-2m-al.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3040-2m-al.d
Abundance
30000
20000
10000
0
30
40
50
60
Time (min.)


Ion 191.20 amu from 3040-2m-al.d
Abundance
200000
160000
120000
80000
40000
0
Ion 177.20 amu from 3040-2m-al.d
Abundance
200000
160000
120000
80000
40000
0
32
36
40
44
48
52
56
Time (min.)

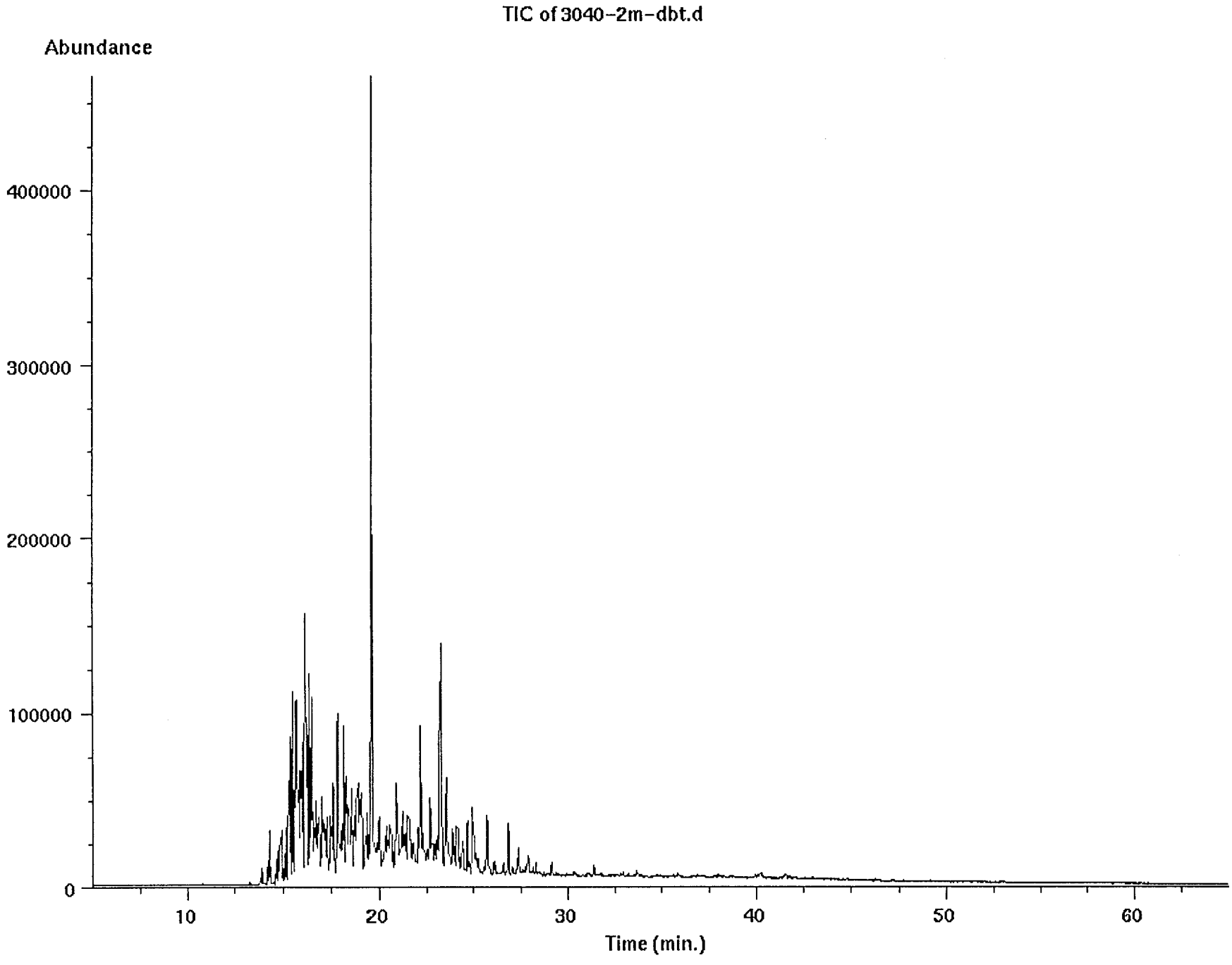
97032
18

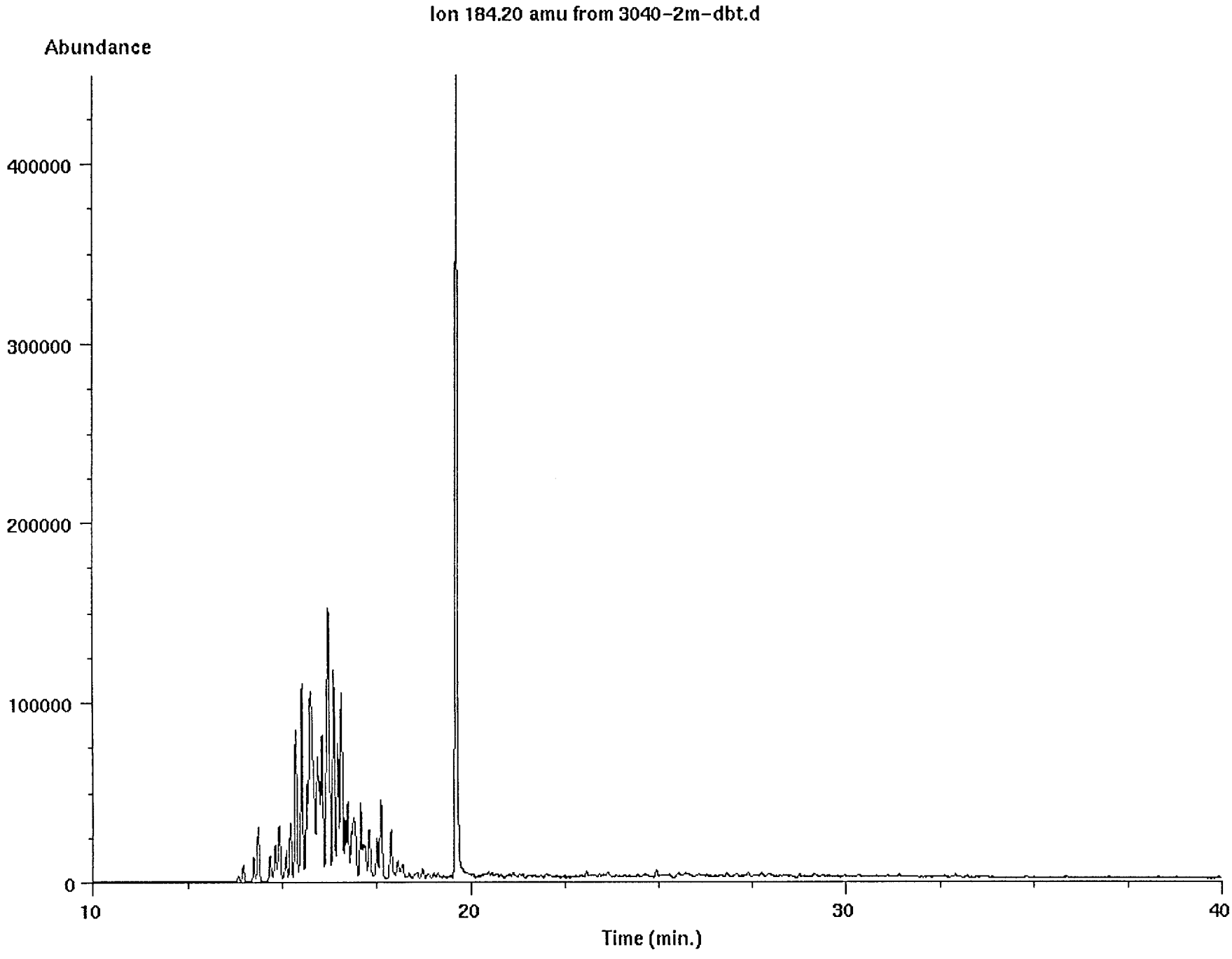
Data file: /chem/data2/chem/hp/Wessel/3040-2m-dbt.d
File type: GC / MS DATA FILE

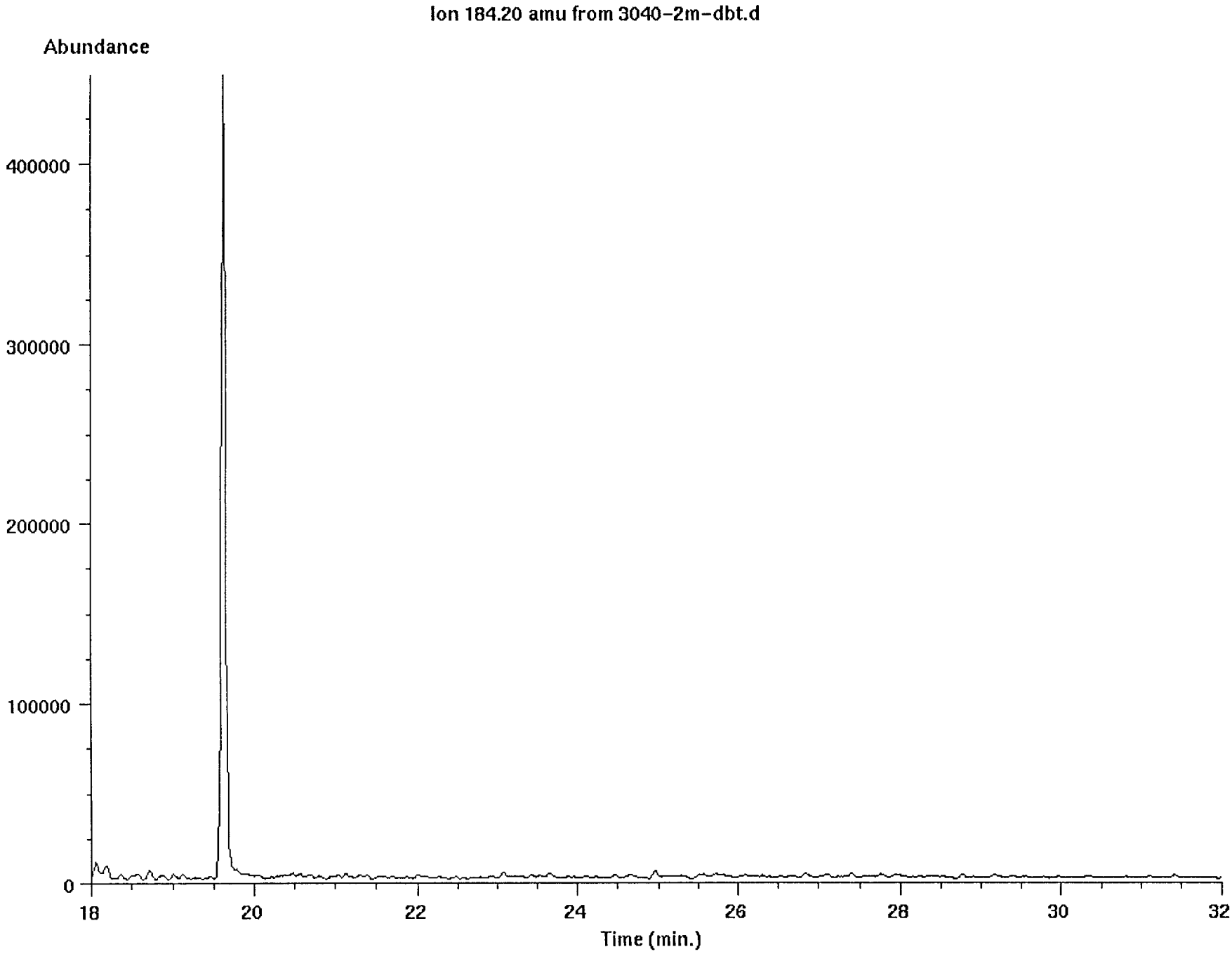
Name Info: Wessel 3040.2 ar
Misc Info:
Operator : PN

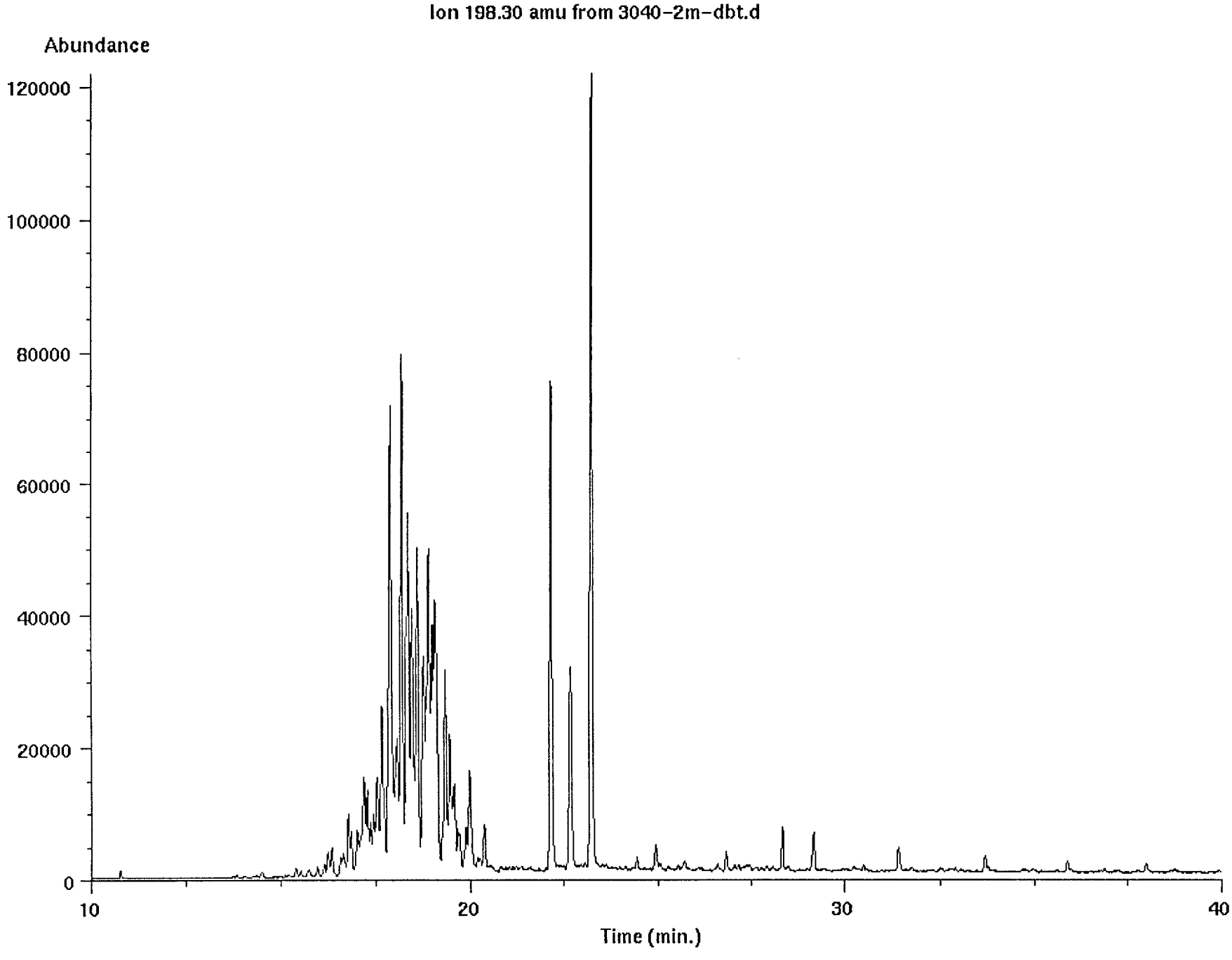
Date : Wed Jan 14 98 05:50:29 AM
Instrment: HP5971
Inlet : GC

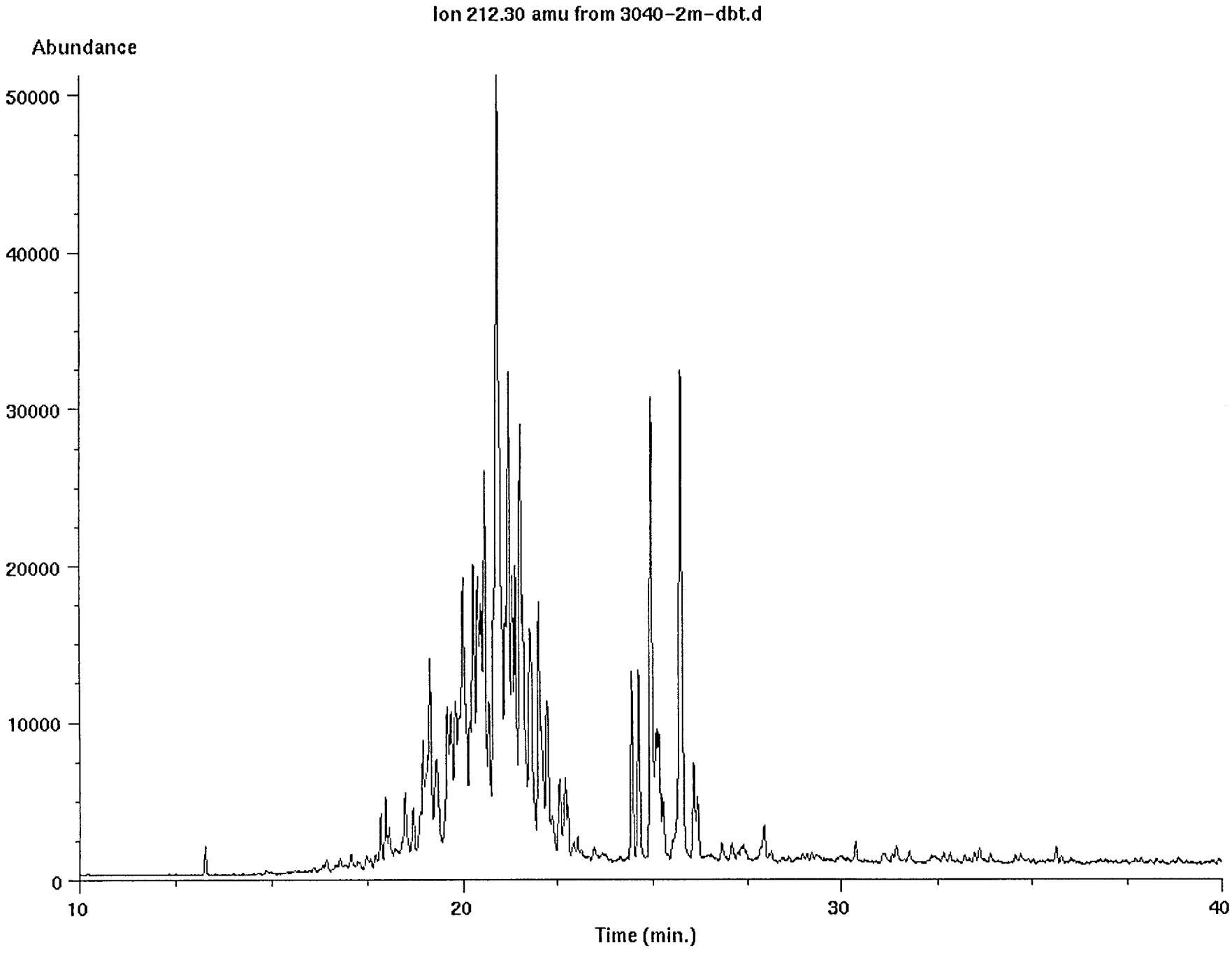
Sequence index : 4
Als bottle num : 18
Replicate num : 1

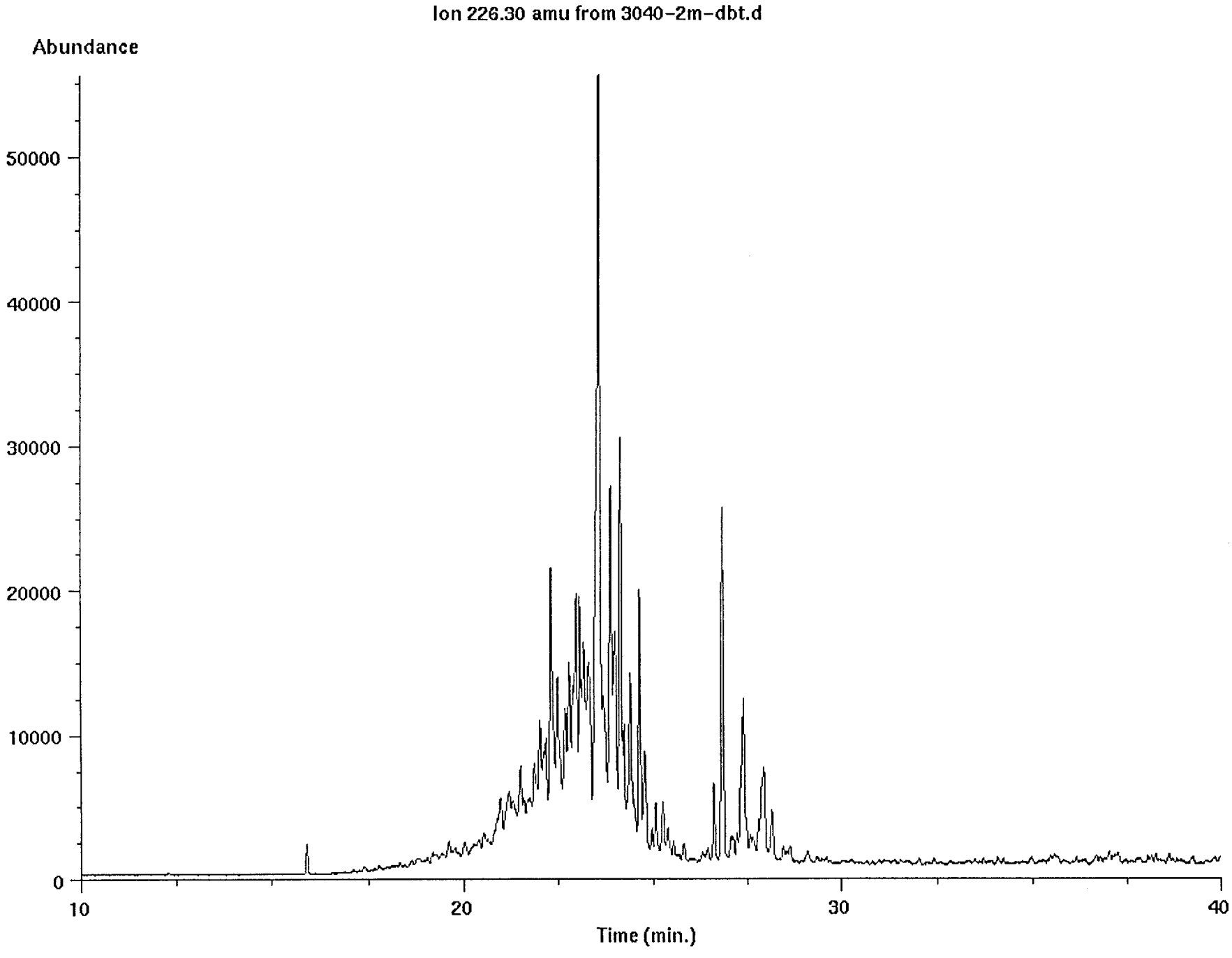

TIC of 3040-2m-dbt.d
Abundance
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

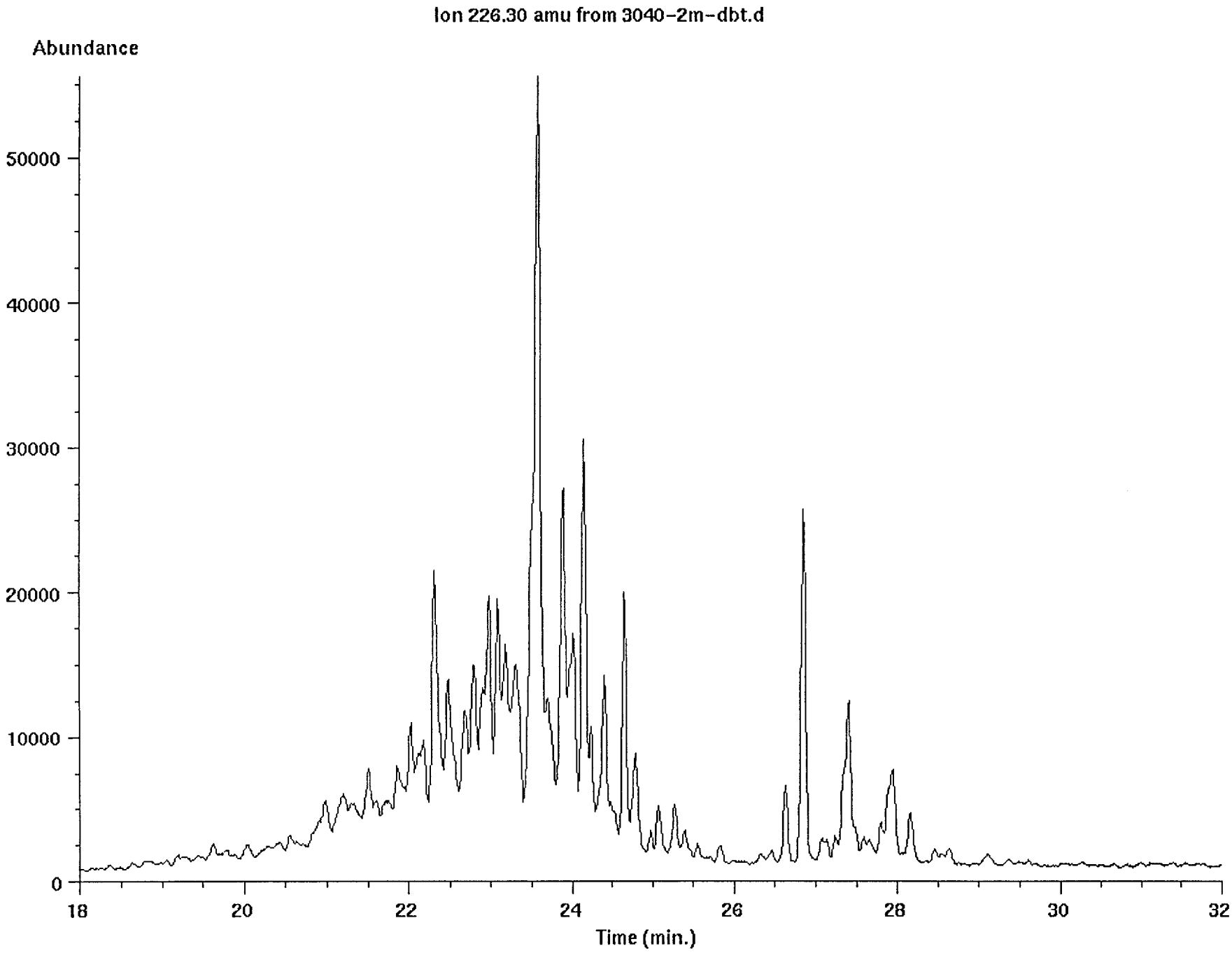

Ion 184.20 amu from 3040-2m-dbt.d
Abundance
400000
300000
200000
100000
0
10
20
30
40
Time (min.)

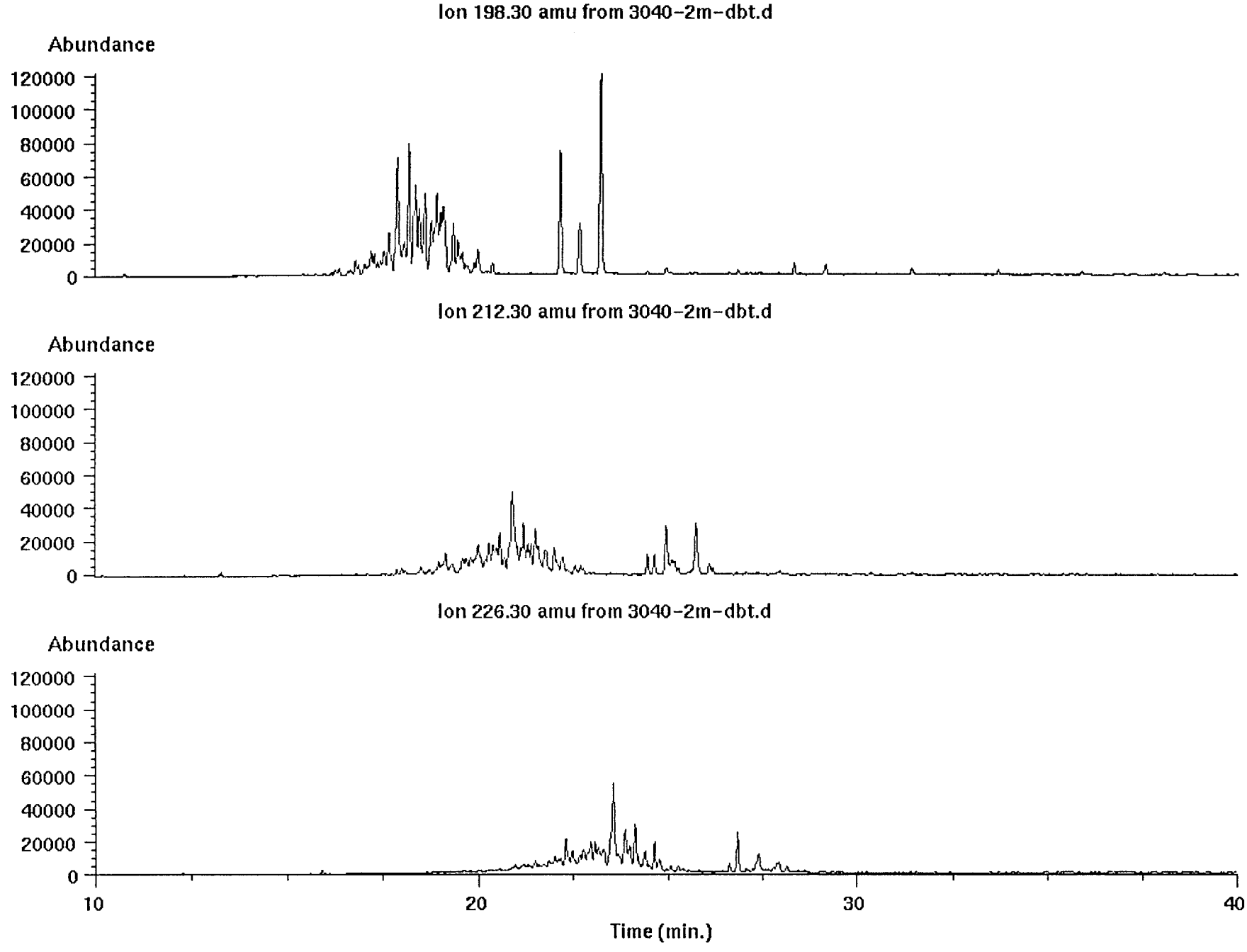

Ion 184.20 amu from 3040-2m-dbt.d
Abundance
400000
300000
200000
100000
0
18
20
22
24
26
28
30
32
Time (min.)

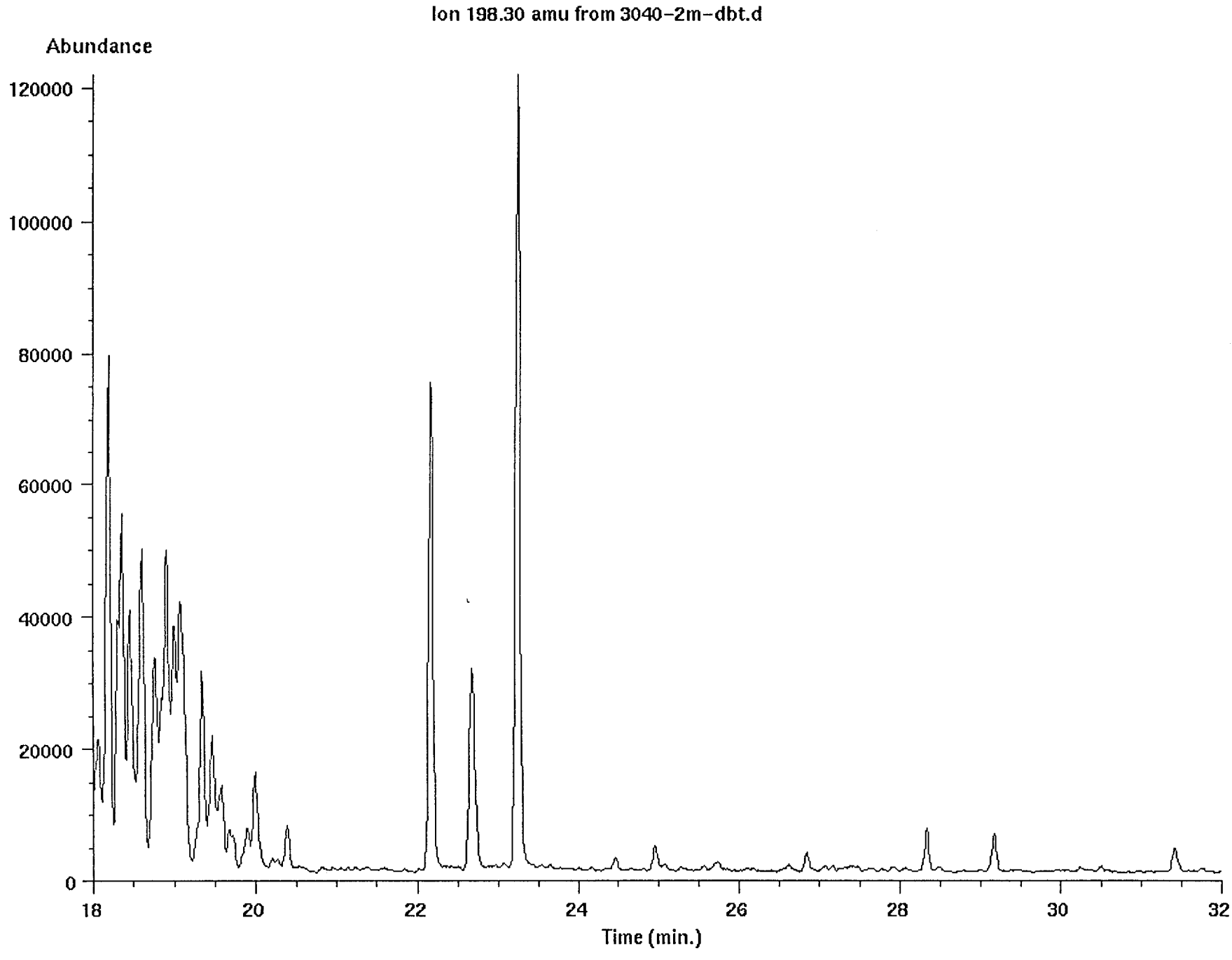

Ion 198.30 amu from 3040-2m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

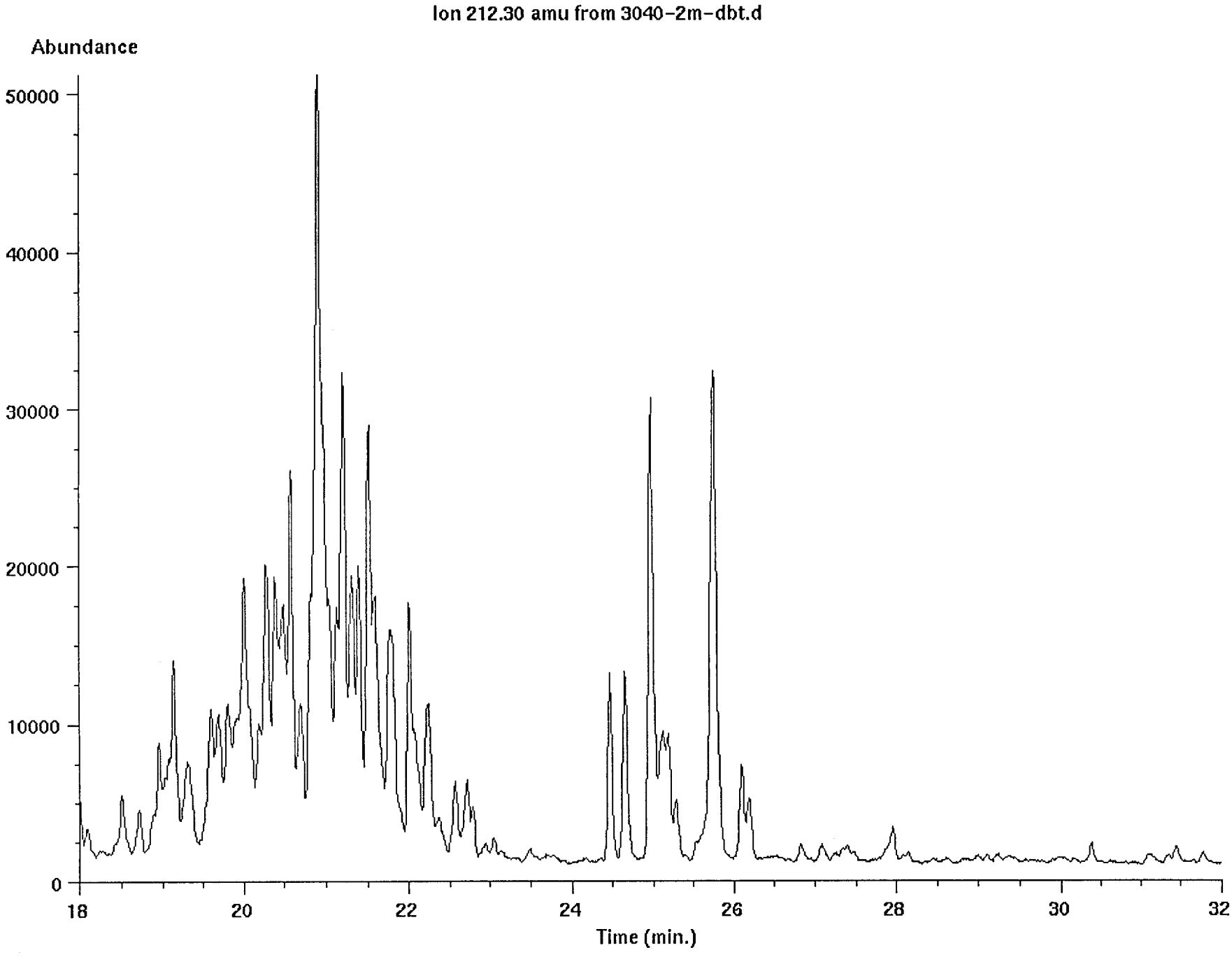

Ion 212.30 amu from 3040-2m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

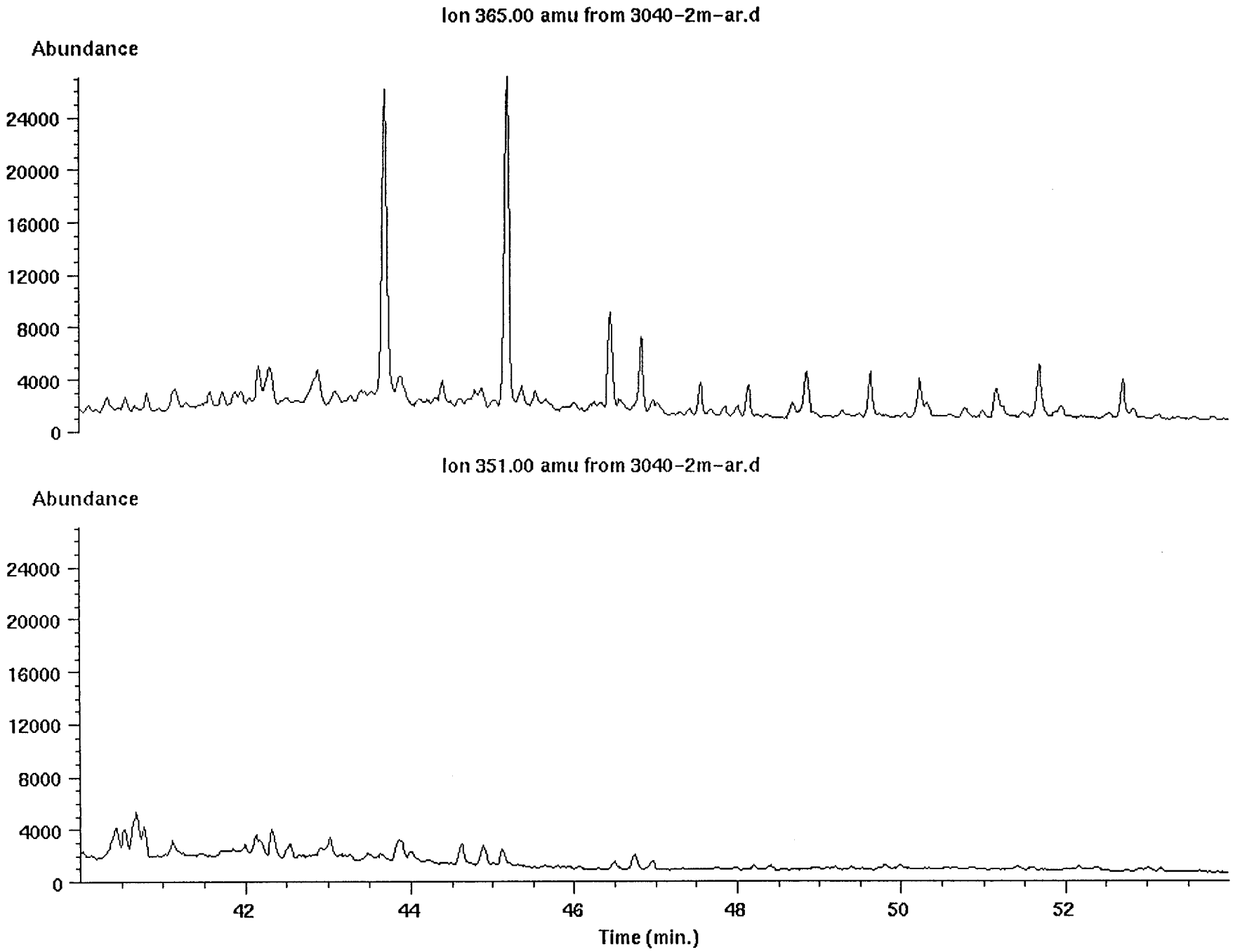

Ion 226.30 amu from 3040-2m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3040-2m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3040-2m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
Ion 212.30 amu from 3040-2m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
Ion 226.30 amu from 3040-2m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3040-2m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3040-2m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)

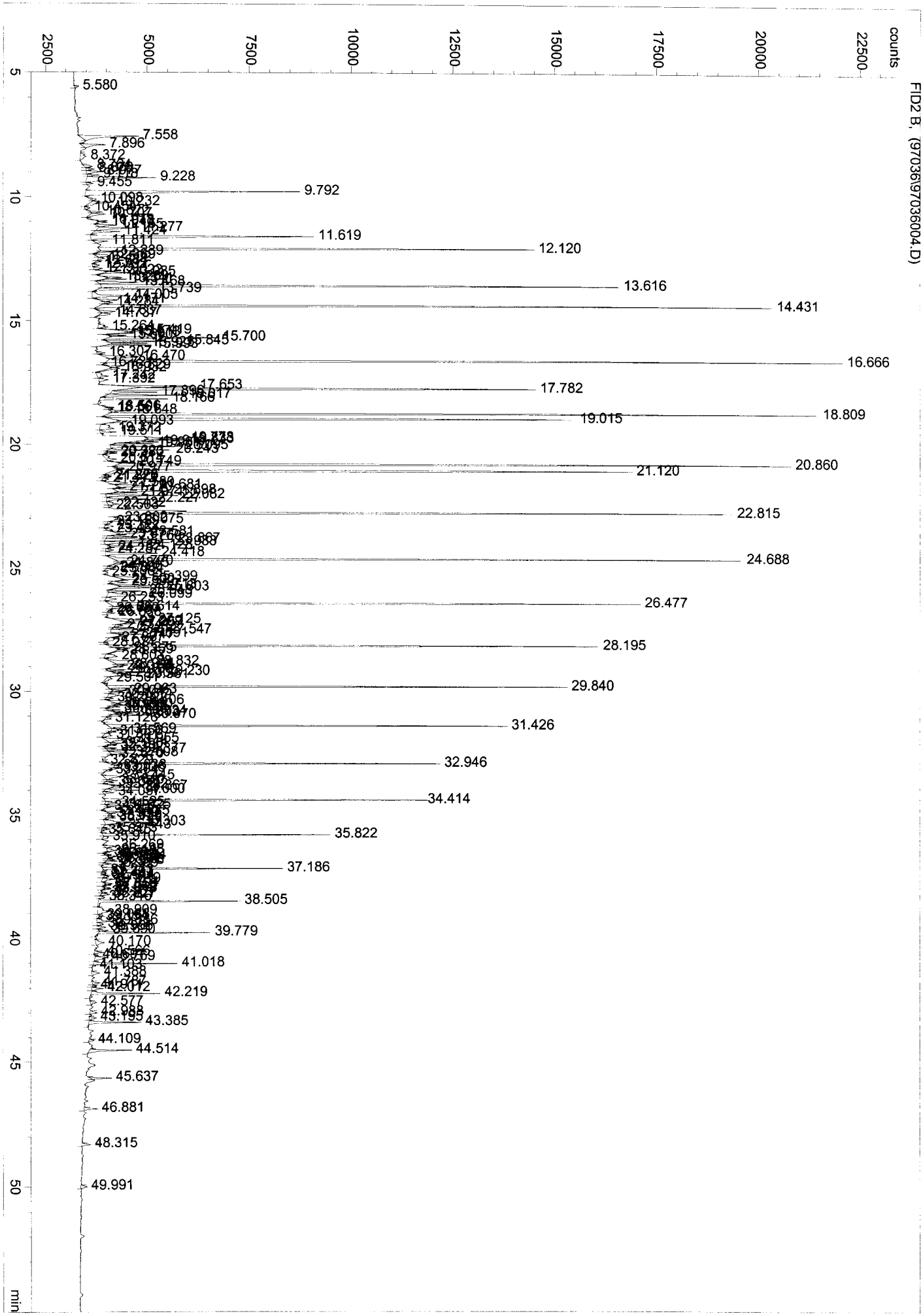

Ion 365.00 amu from 3040-2m-ar.d
Abundance
24000
20000
16000
12000
8000
4000
0
Ion 351.00 amu from 3040-2m-ar.d
Abundance
24000
20000
16000
12000
8000
4000
0
42
44
46
48
50
52
Time (min.)

97036-01, 3041.5 m, core, Amerada Hess, ALI: 8.5 mg, KØ
RT d. 21. NOVEMBER 1997.

==========

Injection Date	: 21-11-97 11:20:21	Seq. Line :	1
Sample Name	: 3041.5	Vial :	1
Acq. Operator	: DD	Inj :	1
		Inj Volume :	1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:33:38 by per (modified after loading)		

Metode baseret på Norsk Industristandard


2500
5000
7500
10000
12500
15000
17500
20000
22500
counts
FID2 B, (97036\97036004.D)
min
5.580
7.558
7.896
8.372
9.228
9.455
9.792
11.619
11.811
12.120
13.616
14.431
15.700
16.307
16.470
16.666
17.653
17.782
18.809
19.015
19.093
20.860
21.120
22.815
24.688
26.477
28.195
29.840
31.426
32.946
34.414
35.822
37.186
38.505
39.779
40.170
41.018
42.219
42.577
43.385
44.109
44.514
45.637
46.881
48.315
49.991

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	5.580	PBA	0.1130	926.69006	104.95503	0.08277
2	7.558	PBA	0.0657	6986.60498	1464.50793	0.62403
3	7.896	PBA	0.0672	3081.67065	618.17426	0.27525
4	8.372	PBA	0.1507	1888.08813	153.30154	0.16864
5	8.764	PB	0.0544	816.10040	205.25684	0.07289
6	8.870	VB	0.0432	617.43744	217.27429	0.05515
7	8.977	VB	0.0546	1546.49634	414.13995	0.13813
8	9.118	VB	0.0412	794.52344	296.97986	0.07097
9	9.228	VB	0.0644	7792.46631	1703.21265	0.69601
10	9.455	VBA	0.0893	1173.46289	168.41699	0.10481
11	9.792	PB	0.0633	2.35501e4	5256.50439	2.10345
12	10.098	VB	0.0653	707.41571	149.31017	0.06318
13	10.232	VB	0.0625	2495.64453	554.13342	0.22291
14	10.454	VB	0.0485	489.72775	134.31088	0.04374
15	10.622	VB	0.0427	868.86005	300.64368	0.07760
16	10.707	VB	0.0613	1586.00037	361.02597	0.14166
17	10.978	VB	0.0235	278.42667	260.14429	0.02487
18	11.043	VB	0.0381	633.47021	245.22661	0.05658
19	11.155	VB	0.0455	1541.41577	506.67761	0.13768
20	11.277	VB	0.0528	3413.24561	930.48413	0.30486
21	11.424	VB	0.0441	1903.15039	632.05780	0.16999
22	11.619	VB	0.0584	2.18063e4	5486.59961	1.94770
23	11.811	VB	0.0457	1077.25366	351.78052	0.09622
24	12.120	PB	0.0522	3.68179e4	1.06887e4	3.28850
25	12.239	VB	0.0412	1190.55652	445.53583	0.10634
26	12.389	VB	0.0591	1620.94141	331.29477	0.14478
27	12.502	VB	0.0480	548.70453	160.09145	0.04901
28	12.634	VB	0.0430	420.76379	140.39510	0.03758

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	12.782	VB	0.0424	587.35870	183.39812	0.05246
30	12.911	VB	0.0439	695.12842	213.90935	0.06209
31	13.022	VB	0.0332	534.36548	280.30777	0.04773
32	13.085	VB	0.0406	1551.85095	592.42639	0.13861
33	13.269	VB	0.0425	1157.28625	380.40656	0.10337
34	13.341	VB	0.0425	1457.60388	540.17474	0.13019
35	13.468	VB	0.0509	3449.01709	1008.59052	0.30806
36	13.616	VB	0.0499	4.03081e4	1.27377e4	3.60024
37	13.739	VB	0.0432	3936.31592	1382.03918	0.35158
38	14.005	VB	0.0655	4381.96631	955.82880	0.39139
39	14.171	VB	0.0491	1650.99902	505.95816	0.14746
40	14.284	VB	0.0401	539.42035	196.27290	0.04818
41	14.431	VBA	0.0429	4.94705e4	1.65409e4	4.41861
42	14.637	BB	0.0513	1441.05981	387.95749	0.12871
43	14.737	VB	0.0654	1201.62903	244.32643	0.10733
44	15.264	BB	0.0697	1249.11987	244.17393	0.11157
45	15.419	VB	0.0548	2296.26978	572.24365	0.20510
46	15.471	VB	0.0185	71.82917	57.63527	0.00642
47	15.513	VB	0.0300	543.57239	288.42612	0.04855
48	15.600	VB	0.0379	1031.79517	447.42340	0.09216
49	15.700	VB	0.0534	1.00565e4	2703.07178	0.89823
50	15.845	VB	0.0392	4465.06787	1845.03638	0.39881
51	15.925	VB	0.0344	1836.89795	878.39246	0.16407
52	15.993	VBA	0.0423	3117.72852	1091.29712	0.27847
53	16.307	PB	0.0404	485.78195	206.59973	0.04339
54	16.470	VB	0.0695	3919.84180	809.22131	0.35011
55	16.666	VB	0.0402	5.14211e4	1.80800e4	4.59283
56	16.721	VBA	0.1608	916.72467	68.65005	0.08188
57	16.829	BB	0.0393	1261.44189	442.51309	0.11267
58	16.932	VB	0.0729	1264.46326	231.00595	0.11294
59	17.242	VB	0.0807	1660.32324	277.90146	0.14830
60	17.392	VBA	0.0874	1734.72632	239.89560	0.15494
61	17.653	PB	0.0474	5695.43213	1730.07080	0.50870
62	17.782	VB	0.0487	3.35158e4	1.01098e4	2.99356
63	17.896	VB	0.0390	2900.27344	1127.06750	0.25905
64	18.017	VB	0.0378	4744.95947	1918.82703	0.42381
65	18.166	VBA	0.0531	5917.98682	1677.85461	0.52858
66	18.506	PB	0.0357	415.75577	174.85995	0.03713
67	18.561	VB	0.0284	212.87767	106.02950	0.01901
68	18.648	VB	0.0397	1257.90039	494.95572	0.11235
69	18.809	VB	0.0449	5.23087e4	1.74719e4	4.67211
70	19.015	VB	0.0482	4.08056e4	1.12885e4	3.64467
71	19.093	VB	0.0412	772.02728	235.58598	0.06896
72	19.372	VB	0.0994	2786.52539	355.77975	0.24889
73	19.511	VB	0.0470	1149.90796	394.49710	0.10271
74	19.778	VB	0.0392	2421.01709	968.56531	0.21624
75	19.833	VB	0.0338	2157.18457	1013.40662	0.19268
76	19.916	VB	0.0369	1579.75354	710.74115	0.14110
77	19.981	VB	0.0320	1783.42981	945.67084	0.15929

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	20.095	VB	0.0383	4225.22705	1741.52246	0.37739
79	20.243	VB	0.0362	3642.73730	1563.52551	0.32536
80	20.323	VB	0.0308	472.20917	252.59019	0.04218
81	20.380	VB	0.0322	491.64902	258.76236	0.04391
82	20.614	VB	0.0839	1583.43079	253.46983	0.14143
83	20.749	VB	0.0283	655.91852	396.04868	0.05859
84	20.860	VB	0.0431	4.84863e4	1.65687e4	4.33070
85	20.977	VB	0.0391	434.00726	186.85123	0.03876
86	21.120	VB	0.0586	5.00212e4	1.28000e4	4.46780
87	21.275	VB	0.0233	279.59543	169.20691	0.02497
88	21.326	VB	0.0299	299.15442	159.04964	0.02672
89	21.412	VB	0.0460	560.74268	159.47998	0.05008
90	21.580	VB	0.0649	2325.74634	452.64810	0.20773
91	21.681	VB	0.0576	3794.75293	950.43427	0.33894
92	21.770	VB	0.0256	298.50797	198.13261	0.02666
93	21.898	VB	0.0607	5495.62256	1290.48560	0.49086
94	21.971	VB	0.0314	1098.76599	573.34265	0.09814
95	22.082	VB	0.0405	4628.58496	1767.73633	0.41342
96	22.227	VB	0.0415	3119.23706	1155.12683	0.27860
97	22.422	VB	0.0564	1184.26831	273.94168	0.10578
98	22.503	VB	0.0399	284.95505	92.52570	0.02545
99	22.815	VB	0.0422	3.93958e4	1.42669e4	3.51875
100	23.002	VB	0.0498	384.52423	95.81397	0.03434
101	23.075	VB	0.0520	1696.17883	550.32495	0.15150
102	23.159	VBA	0.1185	1159.31042	120.24485	0.10355
103	23.327	PB	0.0409	724.26453	217.12872	0.06469
104	23.464	VB	0.0509	523.88245	145.96593	0.04679
105	23.581	VB	0.0607	3303.70190	791.80371	0.29508
106	23.677	VB	0.0270	435.91467	267.08496	0.03894
107	23.760	VB	0.0420	1837.70386	692.11041	0.16414
108	23.867	VB	0.0576	5841.16846	1678.48682	0.52172
109	23.983	VB	0.0398	4251.65527	1609.84253	0.37975
110	24.128	VB	0.0353	1998.31348	884.99731	0.17849
111	24.182	VB	0.0265	150.05385	100.10346	0.01340
112	24.287	VB	0.0426	596.70764	200.92078	0.05330
113	24.418	VB	0.0634	5221.38818	1283.83472	0.46636
114	24.688	VB	0.0432	4.63600e4	1.53648e4	4.14078
115	24.770	VB	0.0374	504.25415	206.90358	0.04504
116	24.845	VB	0.0344	532.91779	191.68521	0.04760
117	24.990	VB	0.0323	561.82593	223.47644	0.05018
118	25.064	VB	0.0393	774.66449	289.01639	0.06919
119	25.206	VB	0.0573	531.88849	123.26149	0.04751
120	25.399	VB	0.0675	3984.62451	823.50653	0.35590
121	25.500	VB	0.0286	236.54964	141.00404	0.02113
122	25.592	VB	0.0401	1124.32690	421.58890	0.10042
123	25.713	VB	0.0368	2207.21240	809.67334	0.19714
124	25.803	VB	0.0437	3196.21924	1105.72583	0.28548
125	25.948	VB	0.0370	2138.59375	925.10400	0.19101
126	26.099	VB	0.0650	4455.16113	928.17914	0.39793

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	26.253	VB	0.0554	1240.44849	275.95810	0.11079
128	26.477	VB	0.0457	3.98393e4	1.30343e4	3.55837
129	26.614	VB	0.0407	1329.26440	505.83618	0.11873
130	26.680	VB	0.0269	89.54340	47.72682	0.00800
131	26.767	VB	0.0319	280.90601	136.83929	0.02509
132	26.833	VBA	0.0822	1263.63916	198.61630	0.11287
133	27.125	PB	0.0517	3625.55444	868.34406	0.32383
134	27.209	VB	0.0239	360.28766	200.73915	0.03218
135	27.257	VB	0.0333	608.09357	291.74841	0.05431
136	27.341	VB	0.0406	635.07904	197.20801	0.05672
137	27.452	VB	0.0361	1156.92896	517.97144	0.10333
138	27.547	VB	0.0545	5274.72070	1323.85754	0.47113
139	27.691	VB	0.0366	1249.00110	569.18451	0.11156
140	27.747	VB	0.0381	399.08484	149.52267	0.03565
141	27.867	VB	0.0725	1310.39502	219.97900	0.11704
142	28.074	VB	0.0418	307.21716	112.76408	0.02744
143	28.195	VB	0.0424	3.53236e4	1.19941e4	3.15504
144	28.275	VB	0.0361	651.99011	303.63620	0.05823
145	28.359	VB	0.0542	958.88464	237.08328	0.08565
146	28.603	VB	0.0690	1810.54517	325.12906	0.16171
147	28.832	VB	0.0752	5889.27490	964.82935	0.52602
148	28.944	VB	0.0288	544.53705	255.69701	0.04864
149	29.017	VB	0.0306	433.20148	214.17360	0.03869
150	29.138	VB	0.0371	1091.44006	469.27240	0.09749
151	29.230	VB	0.0386	3150.11963	1240.10278	0.28136
152	29.309	VB	0.0253	364.33859	220.60104	0.03254
153	29.361	VB	0.0322	1090.79968	549.30542	0.09743
154	29.501	VBA	0.1479	1905.94116	156.72949	0.17023
155	29.840	BBA	0.0412	3.11066e4	1.12841e4	2.77838
156	29.963	BB	0.0358	974.84277	441.13385	0.08707
157	30.045	VB	0.0350	827.50140	344.55853	0.07391
158	30.167	VB	0.0565	1215.56470	286.71011	0.10857
159	30.292	VB	0.0351	477.63138	185.33502	0.04266
160	30.406	VB	0.0505	2329.73438	670.54865	0.20809
161	30.506	VB	0.0307	171.41907	96.70901	0.01531
162	30.560	VB	0.0306	551.18262	284.38895	0.04923
163	30.633	VB	0.0335	566.96716	270.45313	0.05064
164	30.748	VB	0.0354	770.50952	328.02588	0.06882
165	30.834	VB	0.0327	1289.09973	635.39294	0.11514
166	30.892	VB	0.0323	777.88281	407.87045	0.06948
167	30.970	VBA	0.0465	2965.66113	947.35809	0.26489
168	31.126	BBA	0.1019	1299.48914	154.92819	0.11607
169	31.426	PB	0.0396	2.81502e4	9784.88477	2.51432
170	31.569	VB	0.0446	1232.84827	441.82516	0.11012
171	31.656	VB	0.0355	408.31589	180.05032	0.03647
172	31.801	VB	0.0637	1149.28748	220.83264	0.10265
173	31.955	VB	0.0649	3249.92041	678.71356	0.29028
174	32.114	VB	0.0318	564.58844	276.38193	0.05043
175	32.190	VB	0.0311	463.21252	215.46855	0.04137

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	32.302	VB	0.0380	723.53668	290.84900	0.06462
177	32.377	VB	0.0380	1854.92188	800.69647	0.16568
178	32.508	VB	0.0513	1902.92358	512.85852	0.16997
179	32.570	VBA	0.0823	1015.63037	157.40720	0.09071
180	32.829	PB	0.0314	181.14284	83.19348	0.01618
181	32.946	VB	0.0431	2.15455e4	8083.76709	1.92440
182	33.038	VB	0.0475	433.93317	131.43906	0.03876
183	33.126	VB	0.0321	356.35132	179.95087	0.03183
184	33.204	VBA	0.1032	1046.12634	125.56051	0.09344
185	33.445	PB	0.0552	2506.71484	607.27362	0.22389
186	33.610	VB	0.0350	586.79620	273.77676	0.05241
187	33.687	VB	0.0363	611.64990	243.91243	0.05463
188	33.792	VB	0.0366	587.53387	257.53705	0.05248
189	33.867	VB	0.0346	1633.32227	689.27063	0.14589
190	34.000	VB	0.0394	2099.73975	832.70575	0.18754
191	34.097	VB	0.0373	739.81128	276.05865	0.06608
192	34.414	BB	0.0398	2.13062e4	7818.35107	1.90303
193	34.525	VB	0.0471	1012.23645	310.18066	0.09041
194	34.625	VB	0.0363	1035.87354	426.78186	0.09252
195	34.687	VB	0.0311	140.80380	68.24382	0.01258
196	34.885	VB	0.0346	1125.00525	415.76935	0.10048
197	34.969	VB	0.0364	204.90779	69.50922	0.01830
198	35.056	VB	0.0311	329.19968	173.83020	0.02940
199	35.129	VB	0.0367	584.98120	222.07109	0.05225
200	35.303	VB	0.0611	3680.87793	840.17474	0.32877
201	35.443	VB	0.0471	1880.00378	497.78568	0.16792
202	35.573	VB	0.0314	470.72415	216.28018	0.04204
203	35.645	VBA	0.1666	921.55554	66.11475	0.08231
204	35.822	BB	0.0413	1.44755e4	5573.26904	1.29292
205	35.910	VB	0.0642	682.71814	130.23984	0.06098
206	36.269	PB	0.0405	1063.90613	330.81195	0.09503
207	36.448	VB	0.0501	930.57770	246.06772	0.08312
208	36.515	VB	0.0216	150.67931	106.19760	0.01346
209	36.614	VB	0.0289	352.73907	179.51094	0.03151
210	36.684	VB	0.0331	599.83105	290.14386	0.05358
211	36.752	VB	0.0259	184.97890	108.21440	0.01652
212	36.812	VB	0.0273	379.51010	198.71060	0.03390
213	36.878	VBA	0.0684	1439.34399	278.04758	0.12856
214	36.999	BBA	0.0719	1235.04468	218.51581	0.11031
215	37.186	PB	0.0376	1.12122e4	4415.23730	1.00145
216	37.273	VB	0.0362	259.04501	96.90621	0.02314
217	37.367	VB	0.0329	313.04465	135.66454	0.02796
218	37.444	VB	0.0259	157.82866	88.00602	0.01410
219	37.511	VB	0.0436	376.71735	123.35118	0.03365
220	37.619	VB	0.0560	1218.07727	295.78848	0.10880
221	37.794	VB	0.0370	495.46121	186.17073	0.04425
222	37.850	VB	0.0293	329.47058	146.23505	0.02943
223	37.962	VB	0.0379	348.80908	136.32555	0.03115
224	38.016	VB	0.0321	335.36130	155.96835	0.02995

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	38.151	VB	0.0283	256.87610	140.91193	0.02294
226	38.227	VB	0.0386	688.28253	219.11281	0.06148
227	38.346	VB	0.0413	497.59750	147.62799	0.04444
228	38.505	VB	0.0417	9467.57617	3486.25073	0.84562
229	38.909	VB	0.0943	2460.87231	317.78476	0.21980
230	39.088	VB	0.0314	247.82553	105.45371	0.02214
231	39.154	VB	0.0292	163.46304	72.74957	0.01460
232	39.316	VB	0.0508	1334.72058	355.17352	0.11921
233	39.429	VB	0.0502	654.77814	169.09811	0.05848
234	39.555	VB	0.0475	781.58405	230.69804	0.06981
235	39.690	VB	0.0395	611.11121	242.00398	0.05458
236	39.779	VBA	0.0433	7615.40771	2752.66797	0.68019
237	40.170	PBA	0.1134	2020.23853	213.50597	0.18044
238	40.566	BB	0.0447	678.29553	228.17628	0.06058
239	40.691	VB	0.0255	178.92044	92.70225	0.01598
240	40.769	VB	0.0643	1651.68152	324.75525	0.14752
241	41.018	VB	0.0404	5411.13721	2077.31860	0.48331
242	41.103	VBA	0.1454	929.54810	76.71485	0.08303
243	41.388	PBA	0.1013	1624.74133	198.83815	0.14512
244	41.787	PB	0.0520	684.24786	189.88902	0.06112
245	41.911	VB	0.0321	234.49355	104.88585	0.02094
246	42.012	VB	0.0512	1068.30688	288.70517	0.09542
247	42.219	VBA	0.0484	5641.37207	1715.68469	0.50388
248	42.577	PBA	0.1128	1409.00427	159.98419	0.12585
249	42.988	BBA	0.0981	1469.51868	180.36116	0.13125
250	43.195	PB	0.0482	691.60883	178.69165	0.06177
251	43.385	VBA	0.0541	4793.38818	1296.82642	0.42814
252	44.109	BBA	0.1104	1152.20349	128.72719	0.10291
253	44.514	PBA	0.0544	4162.97559	1046.71729	0.37183
254	45.637	PBA	0.0572	2227.23779	538.57733	0.19893
255	46.881	BBA	0.0741	1855.12305	337.57709	0.16570
256	48.315	BBA	0.0916	1535.71460	222.18741	0.13717
257	49.991	BBA	0.1123	1404.00903	156.99432	0.12540
Totals :				1.11960e6	3.53187e5	

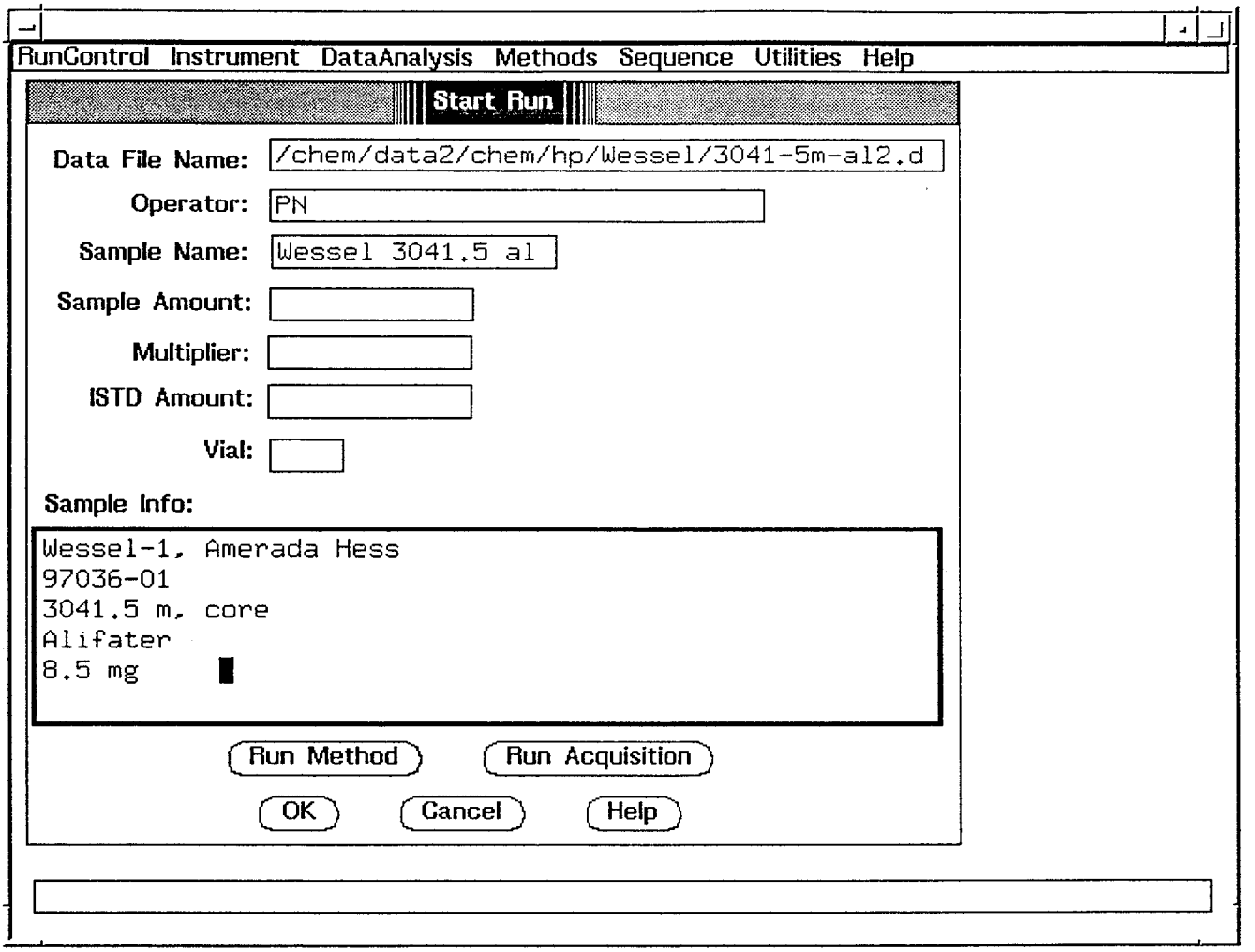
==========

Calibration Curves

==========

==========

*** End of Report ***

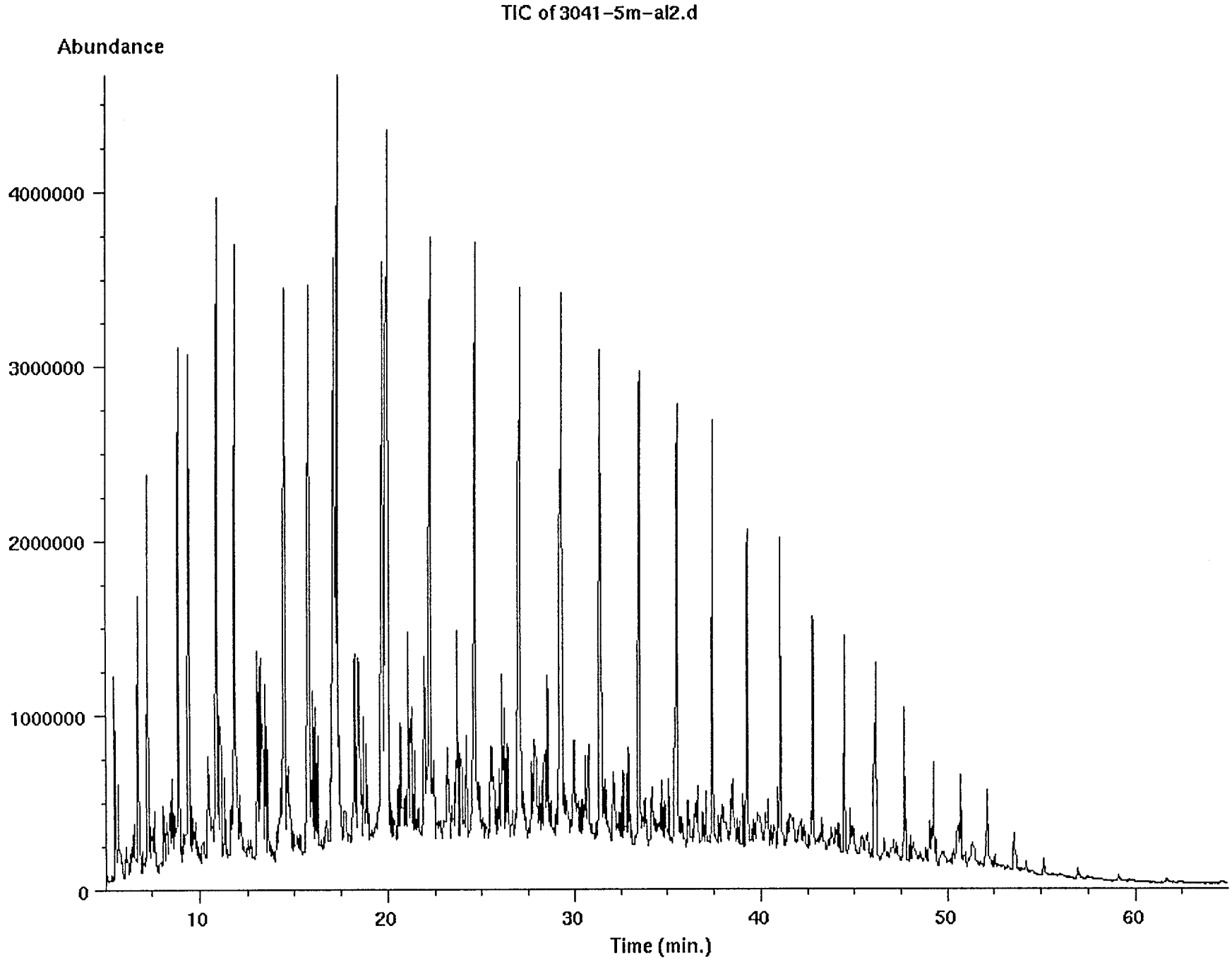

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3041-5m-al2.d
Operator: PN
Sample Name: Wessel 3041.5 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial:
Sample Info:
Wessel-1, Amerada Hess
97036-01
3041.5 m, core
Alifater
8.5 mg
Run Method
Run Acquisition
OK
Cancel
Help

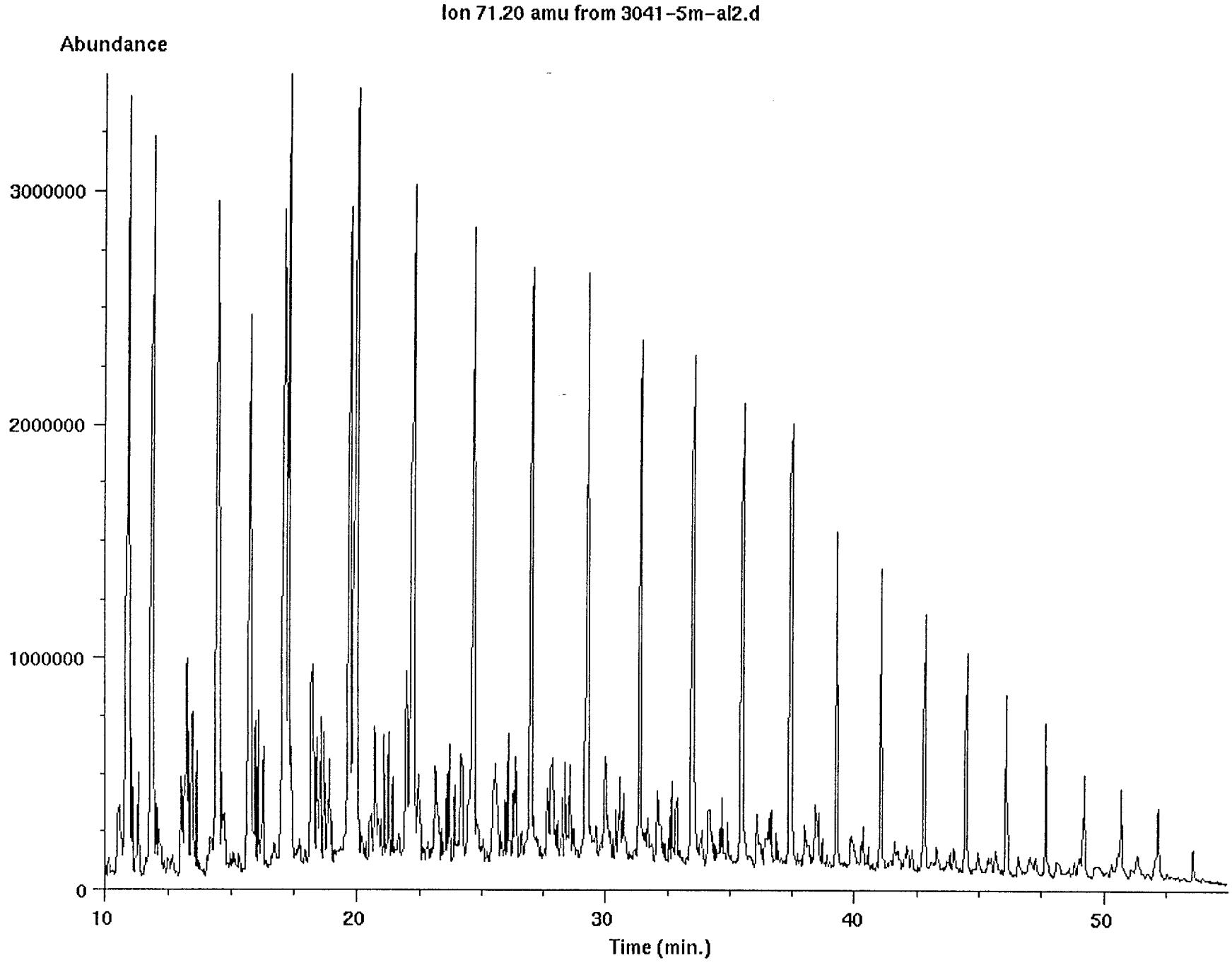
Data file: /chem/data2/chem/hp/Wessel/3041-5m-al2.d
File type: GC / MS DATA FILE

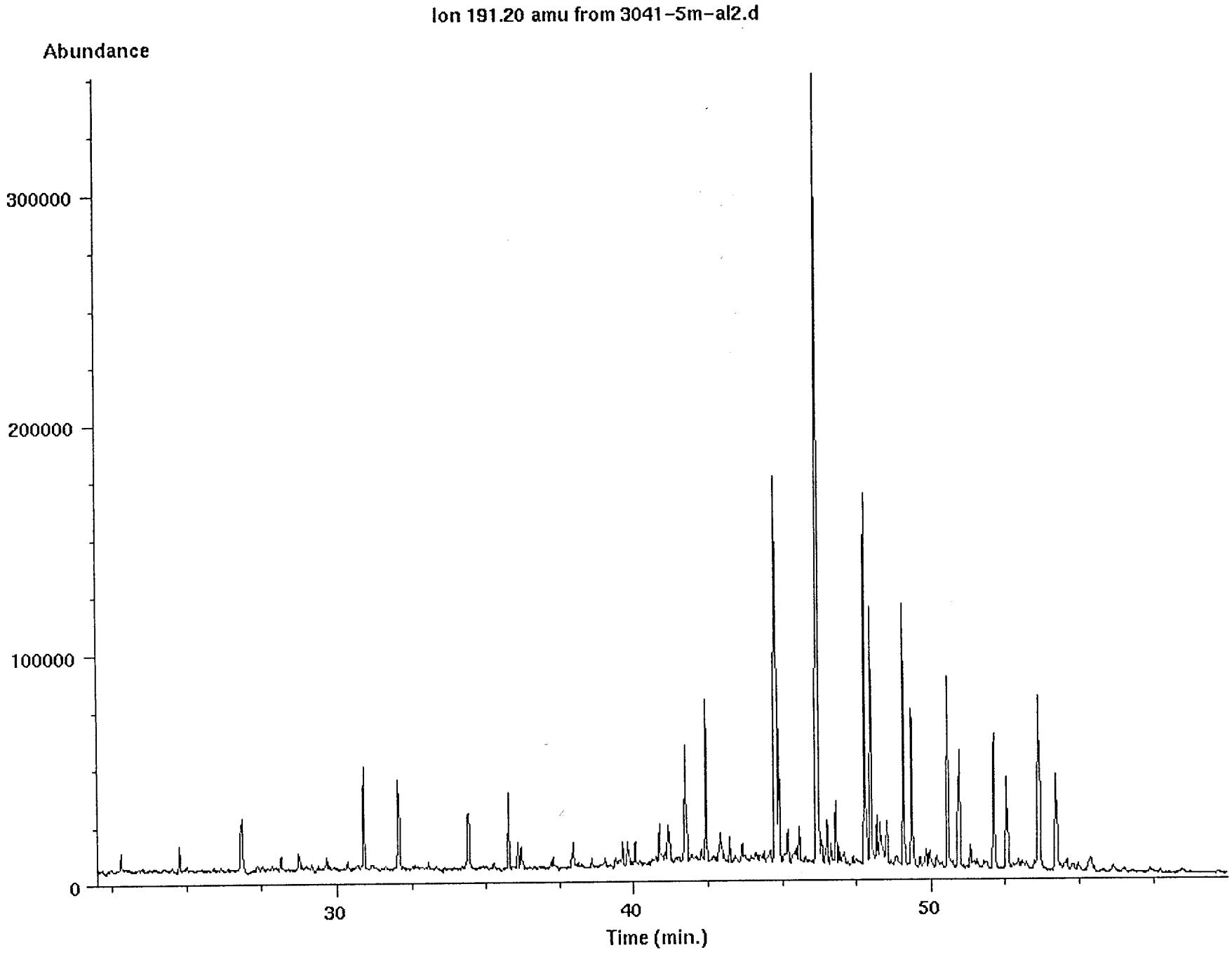
Name Info: Wessel 3041.5 al
Misc Info:
Operator : PN

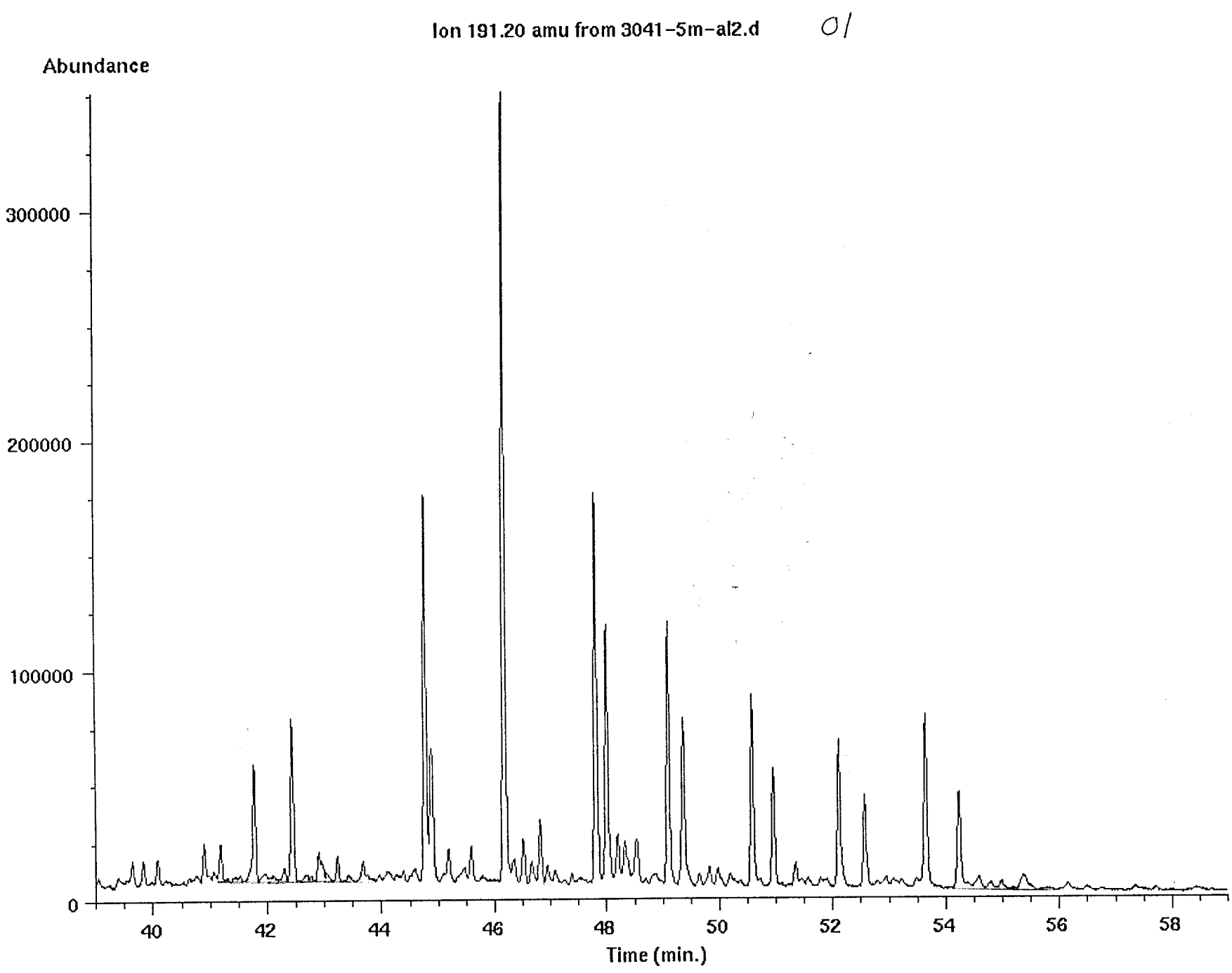
Date : Tue Nov 25 97 12:06:47 AM
Instrment: HP5971
Inlet : GC

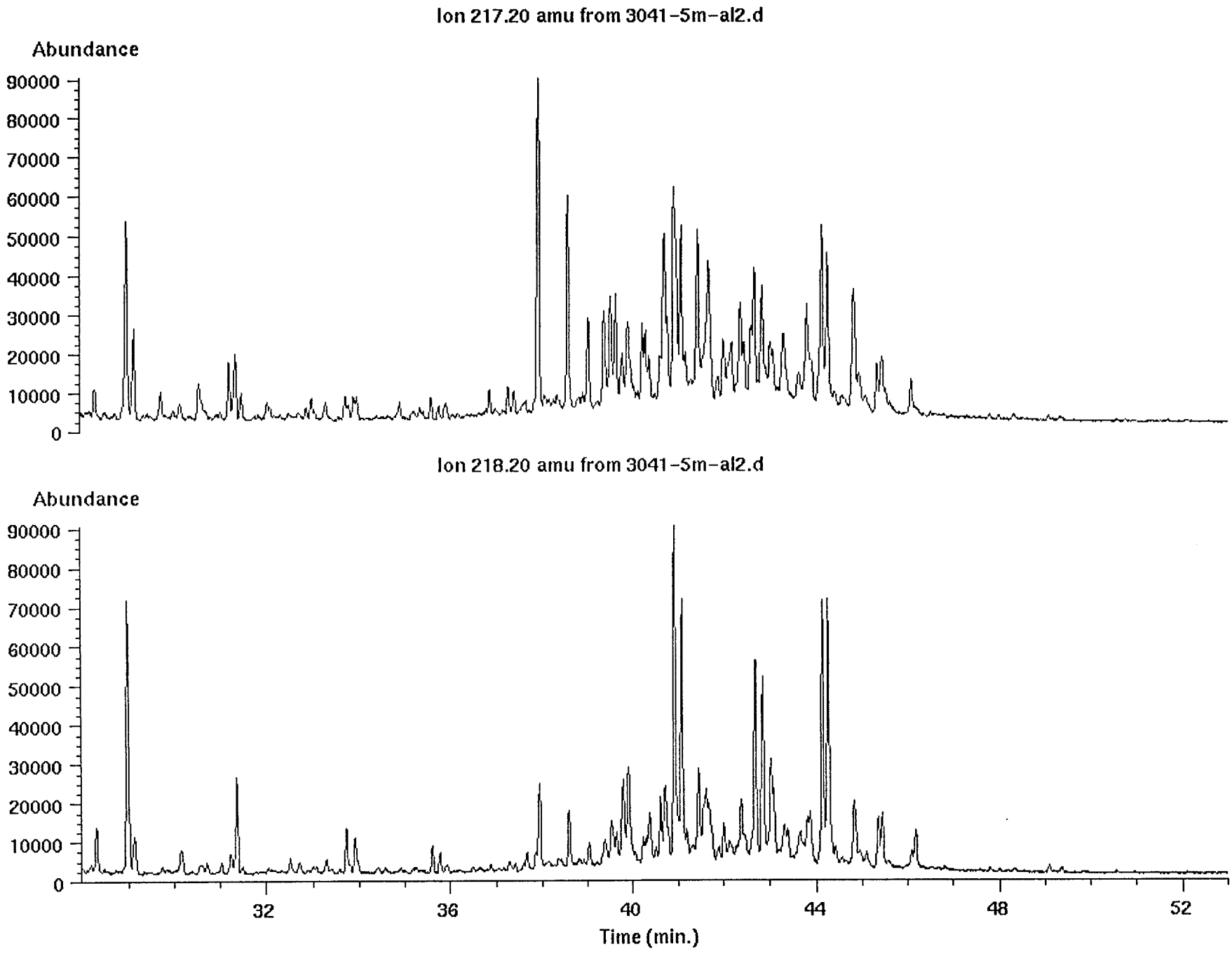
Sequence index : 0
Als bottle num : 0
Replicate num : 1

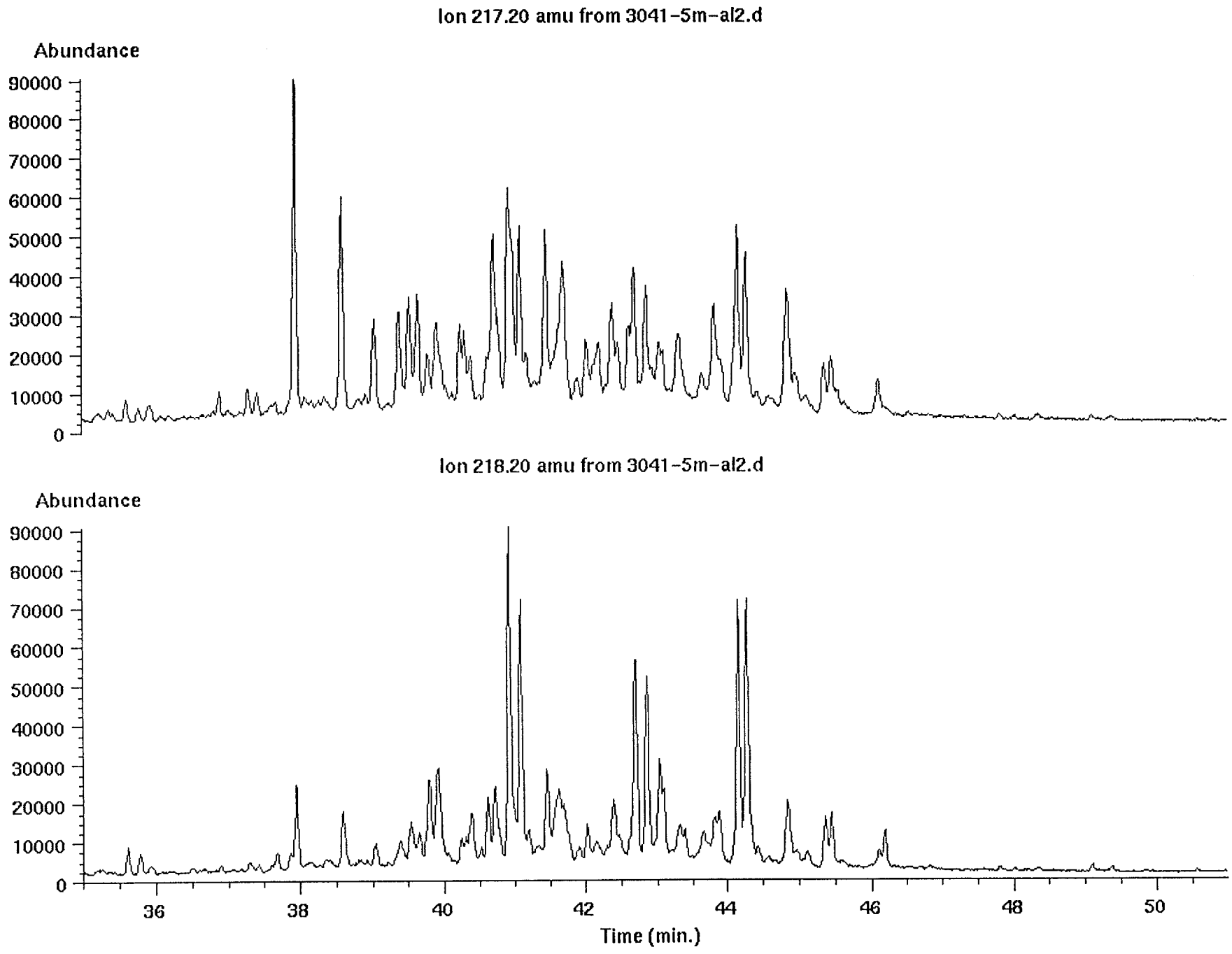

TIC of 3041-5m-al2.d
Abundance
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

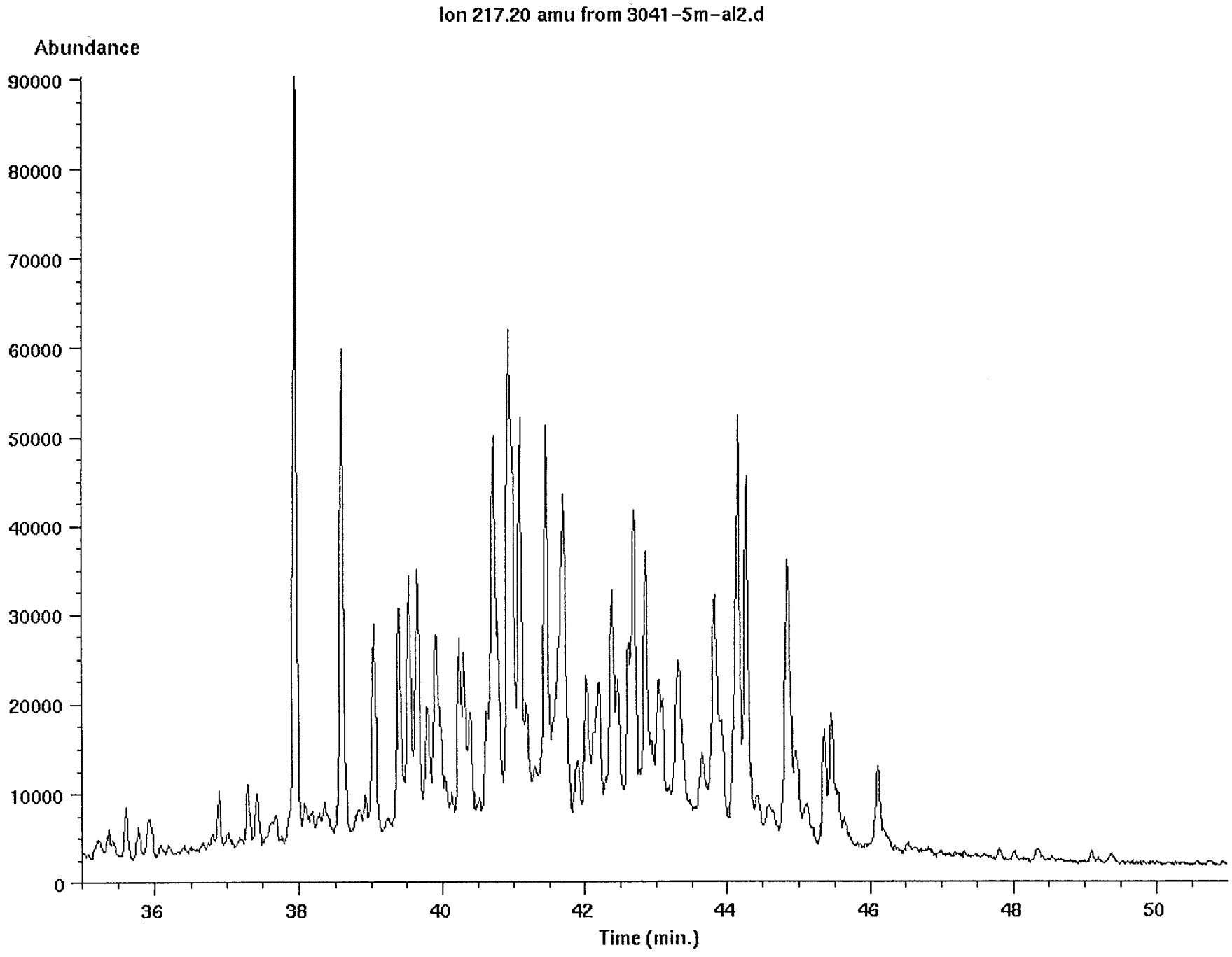

Ion 71.20 amu from 3041-5m-al2.d
Abundance
3000000
2000000
1000000
0
10
20
30
40
50
Time (min.)

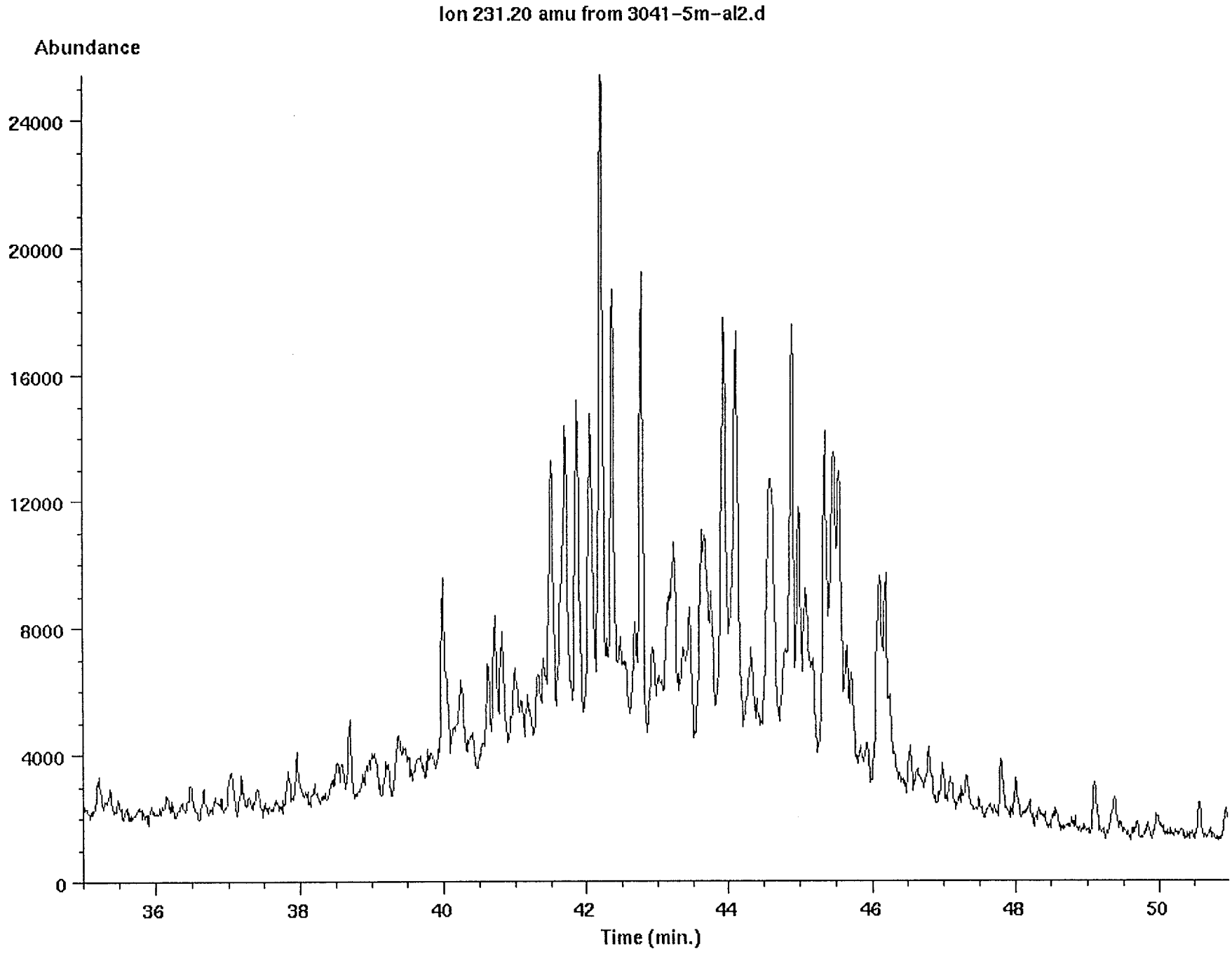

Ion 191.20 amu from 3041-5m-al2.d
Abundance
300000
200000
100000
0
30
40
50
Time (min.)

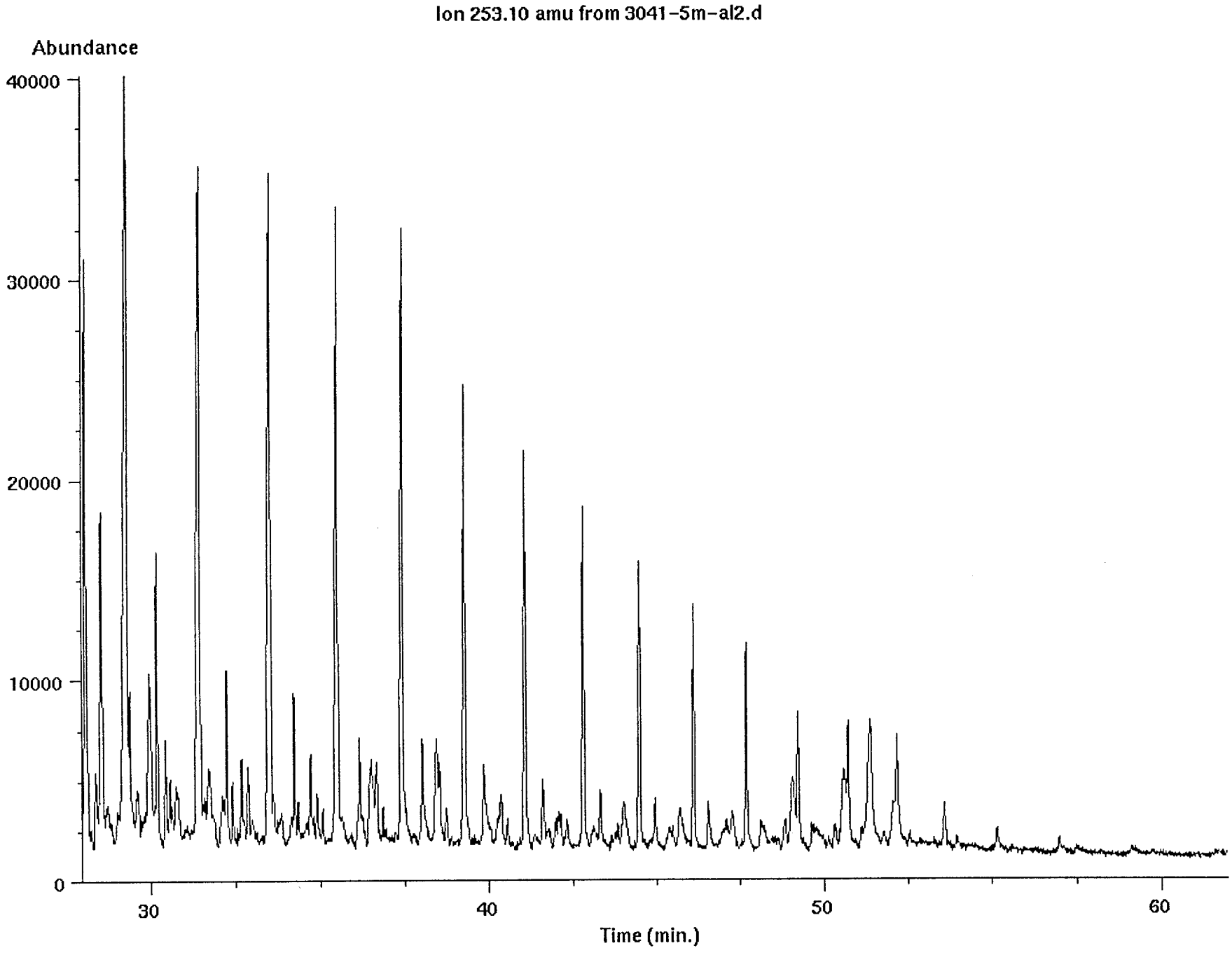

Ion 191.20 amu from 3041-5m-al2.d
01
Abundance
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

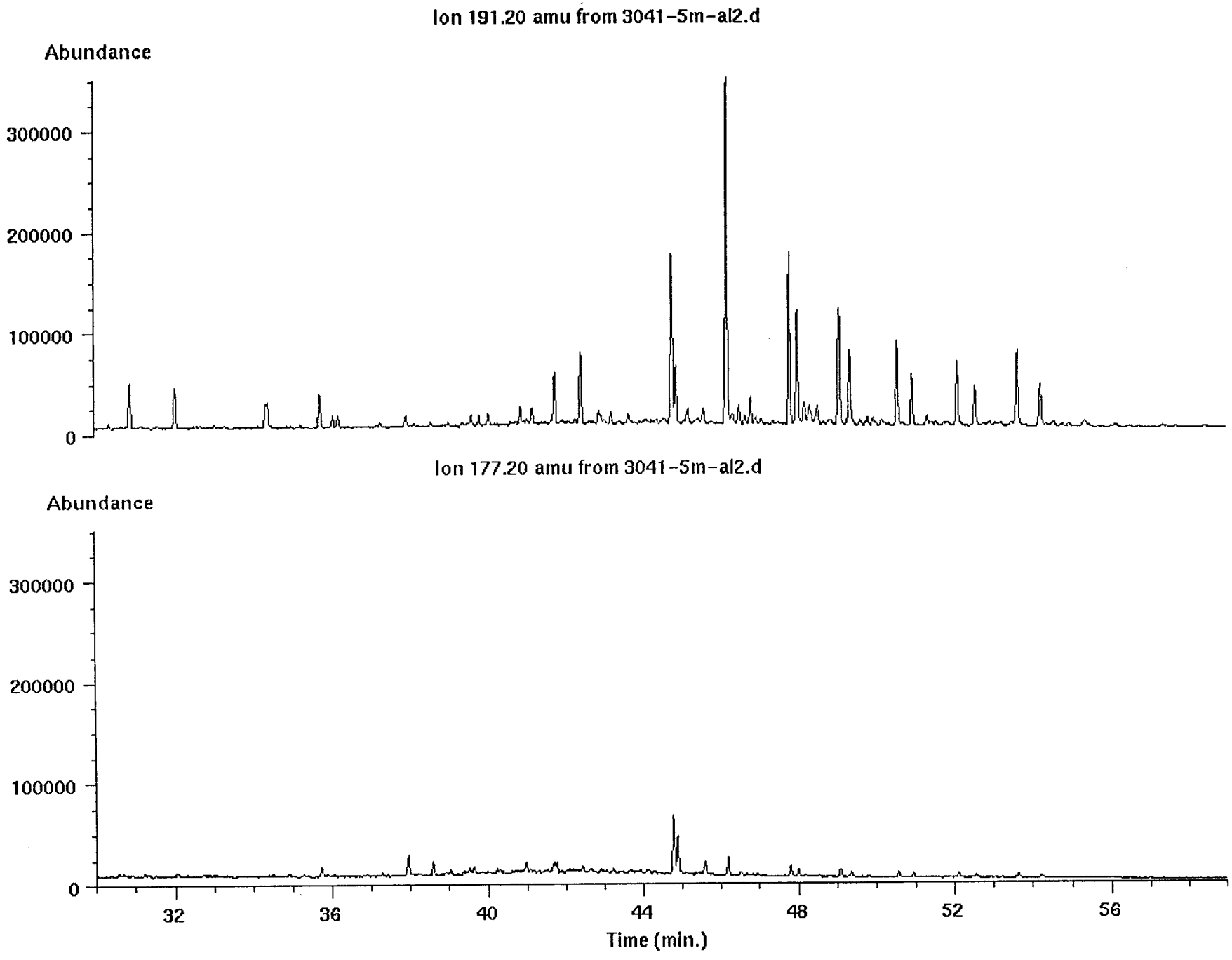

Ion 217.20 amu from 3041-5m-al2.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3041-5m-al2.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3041-5m-al2.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3041-5m-al2.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3041-5m-al2.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3041-5m-al2.d
Abundance
24000
20000
16000
12000
8000
4000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3041-5m-al2.d
Abundance
40000
30000
20000
10000
0
30
40
50
60
Time (min.)


Ion 191.20 amu from 3041-5m-al2.d
Abundance
300000
200000
100000
0
Ion 177.20 amu from 3041-5m-al2.d
Abundance
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

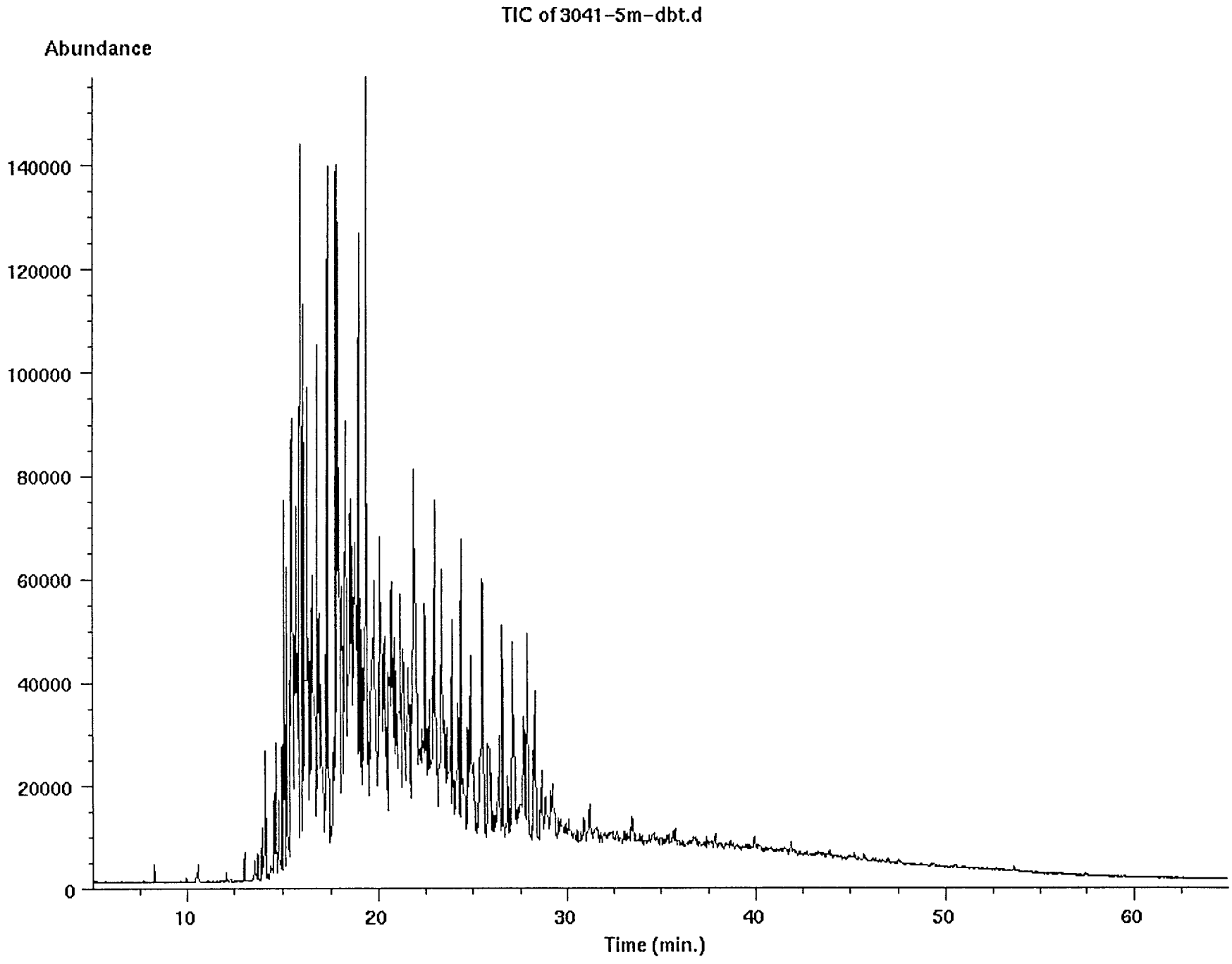
970356

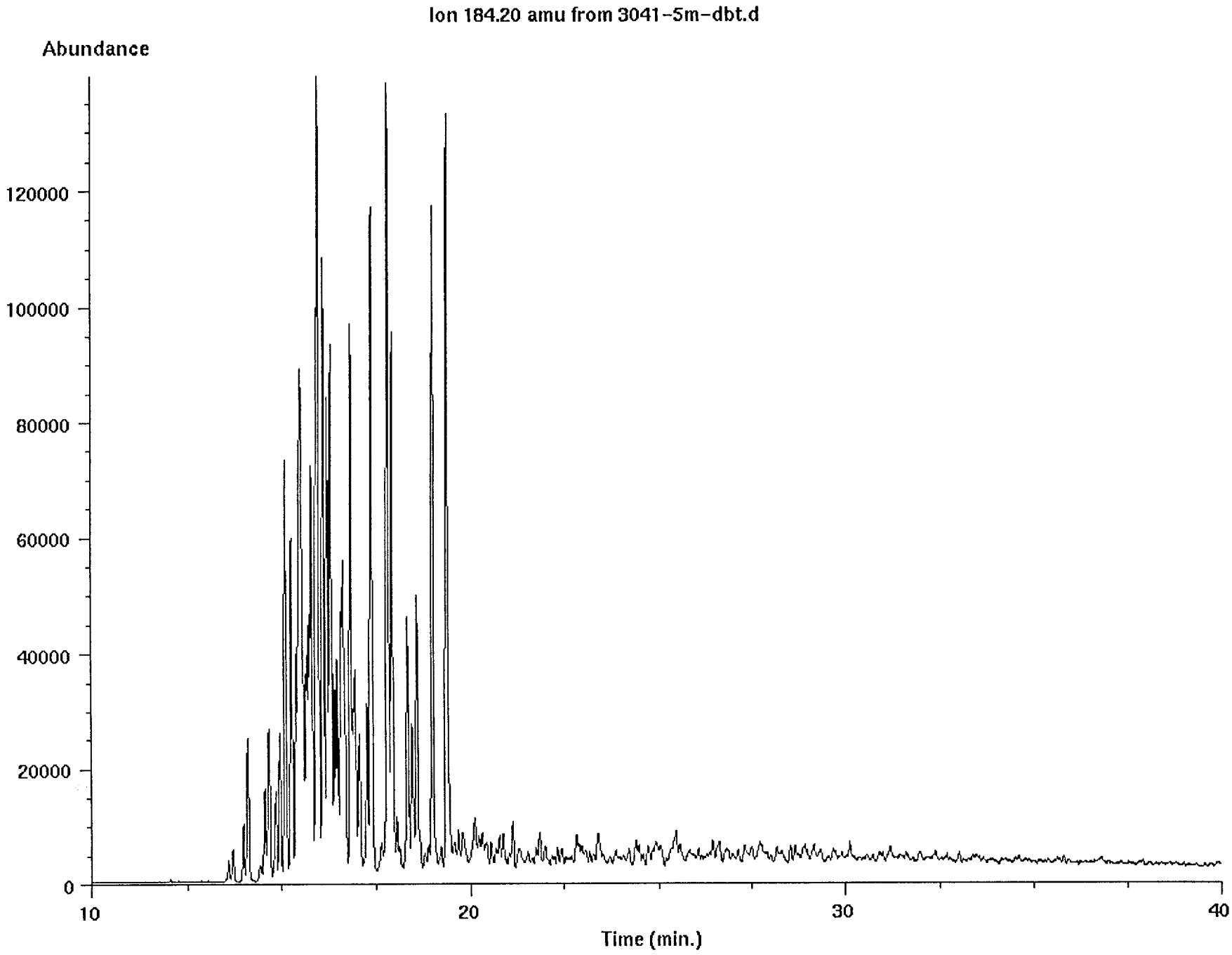
Data file: /chem/data2/chem/hp/Wessel/3041-5m-dbt.d 01
File type: GC / MS DATA FILE

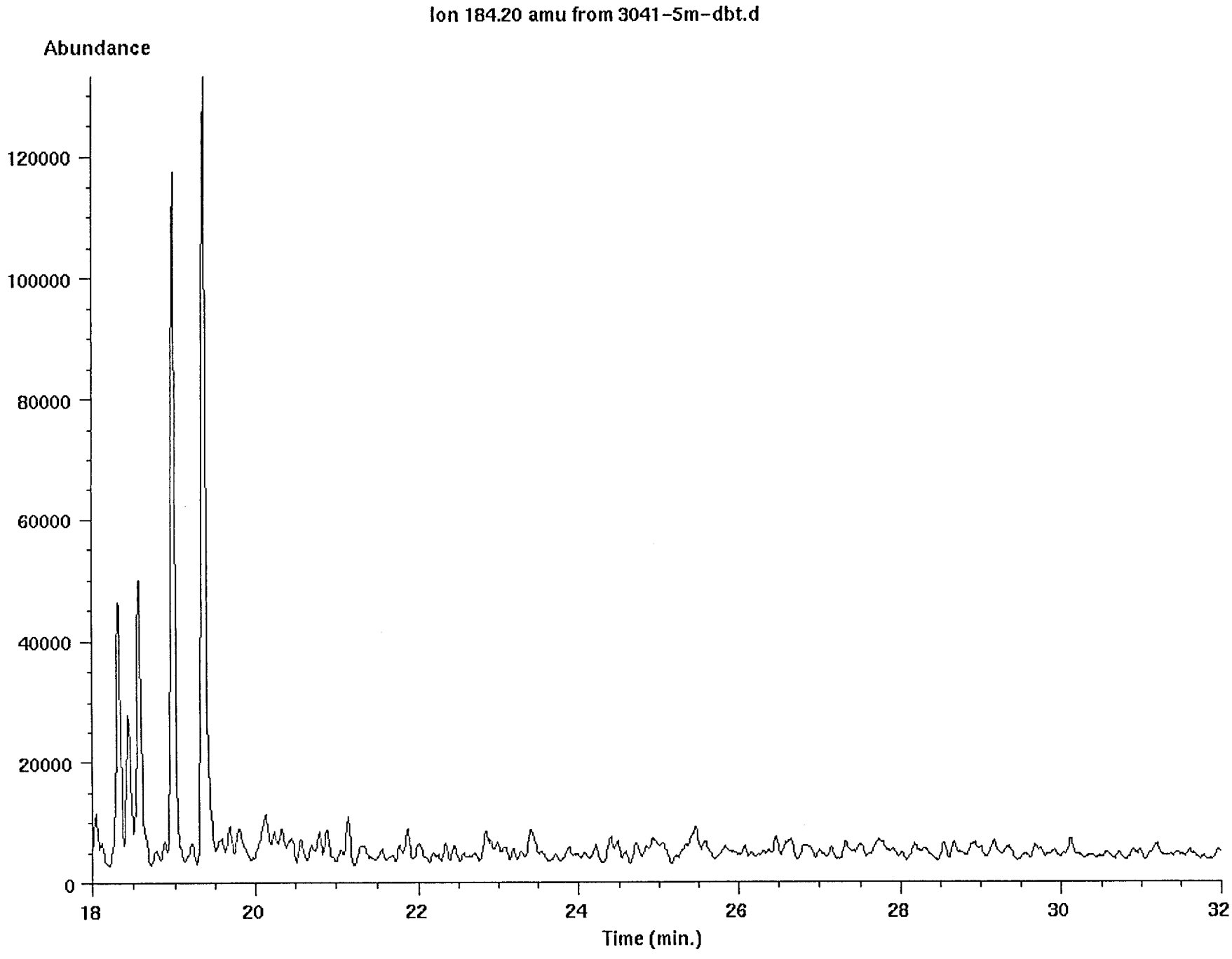
Name Info: Wessel 3041.5 ar
Misc Info:
Operator : PN

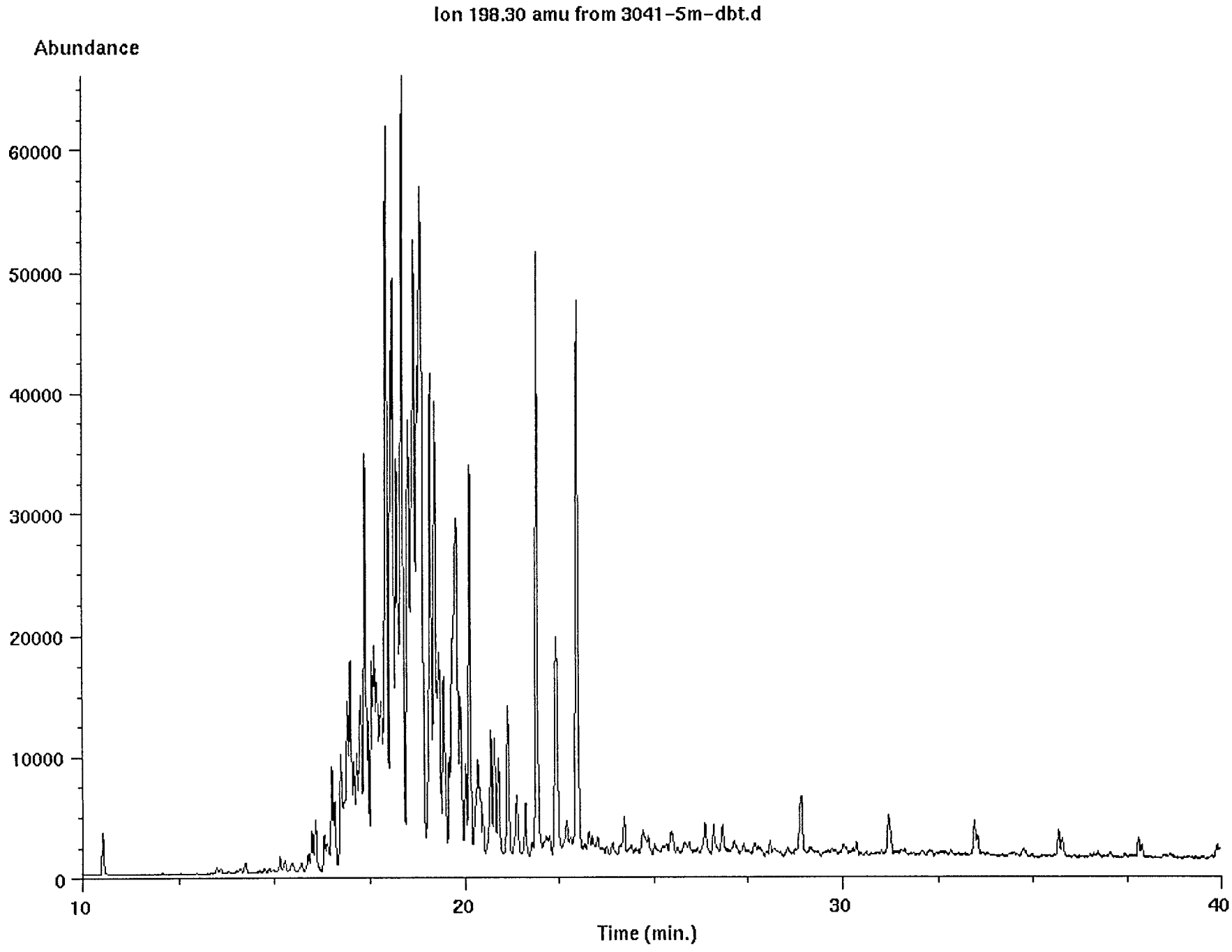
Date : Tue Jan 13 98 09:36:57 PM
Instrment: HP5971
Inlet : GC

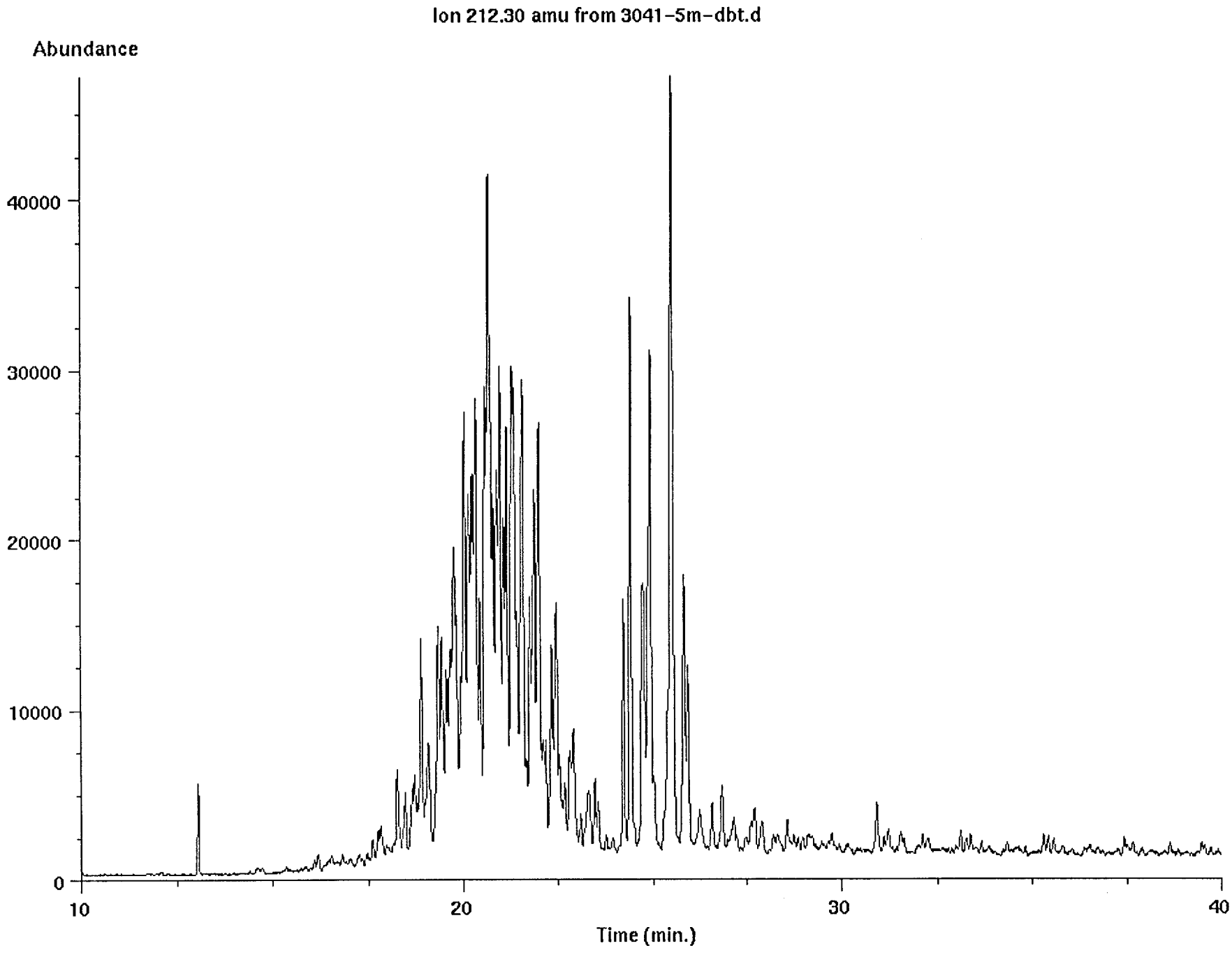
Sequence index : 1
Als bottle num : 1
Replicate num : 1

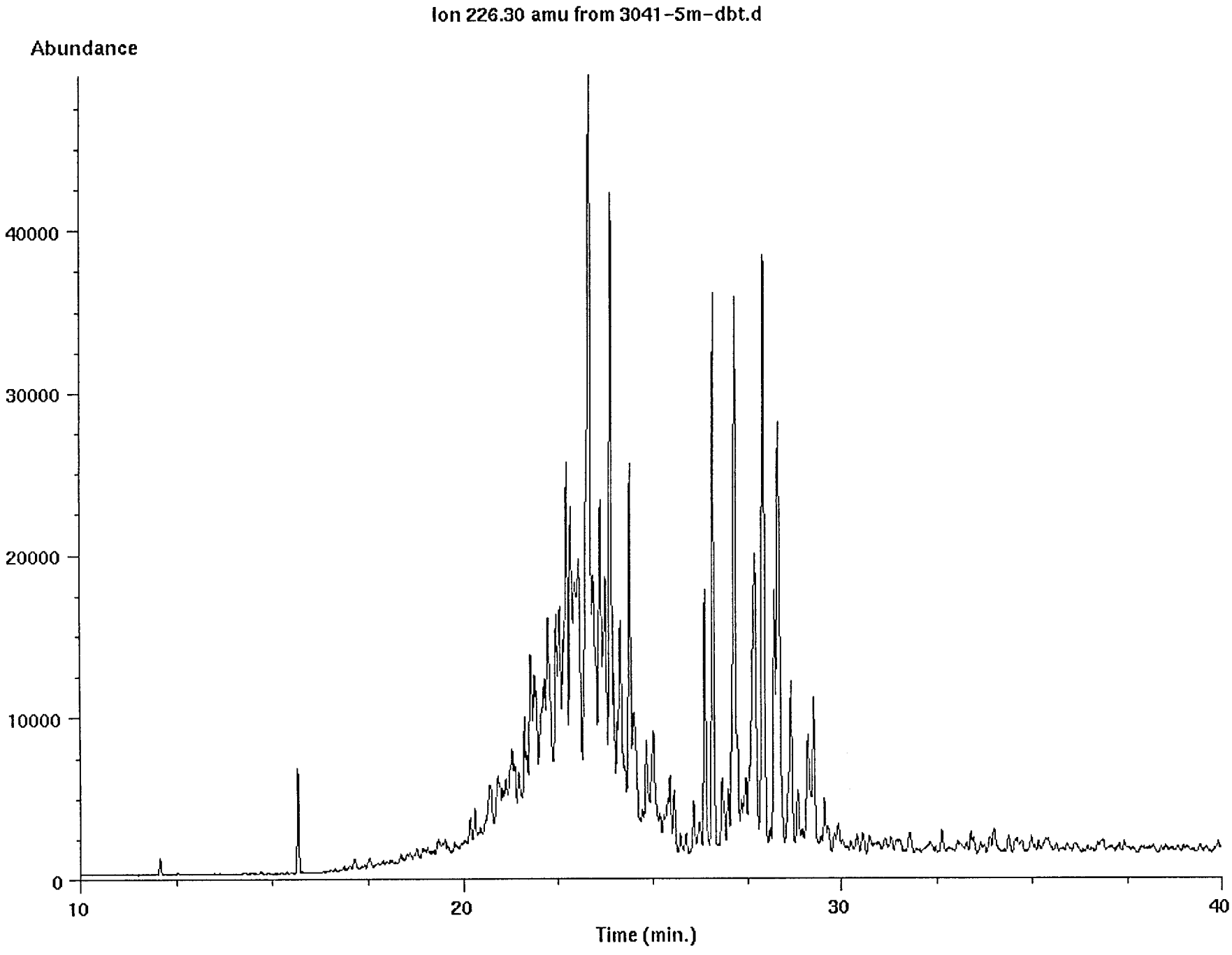

TIC of 3041-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
50
60
Time (min.)

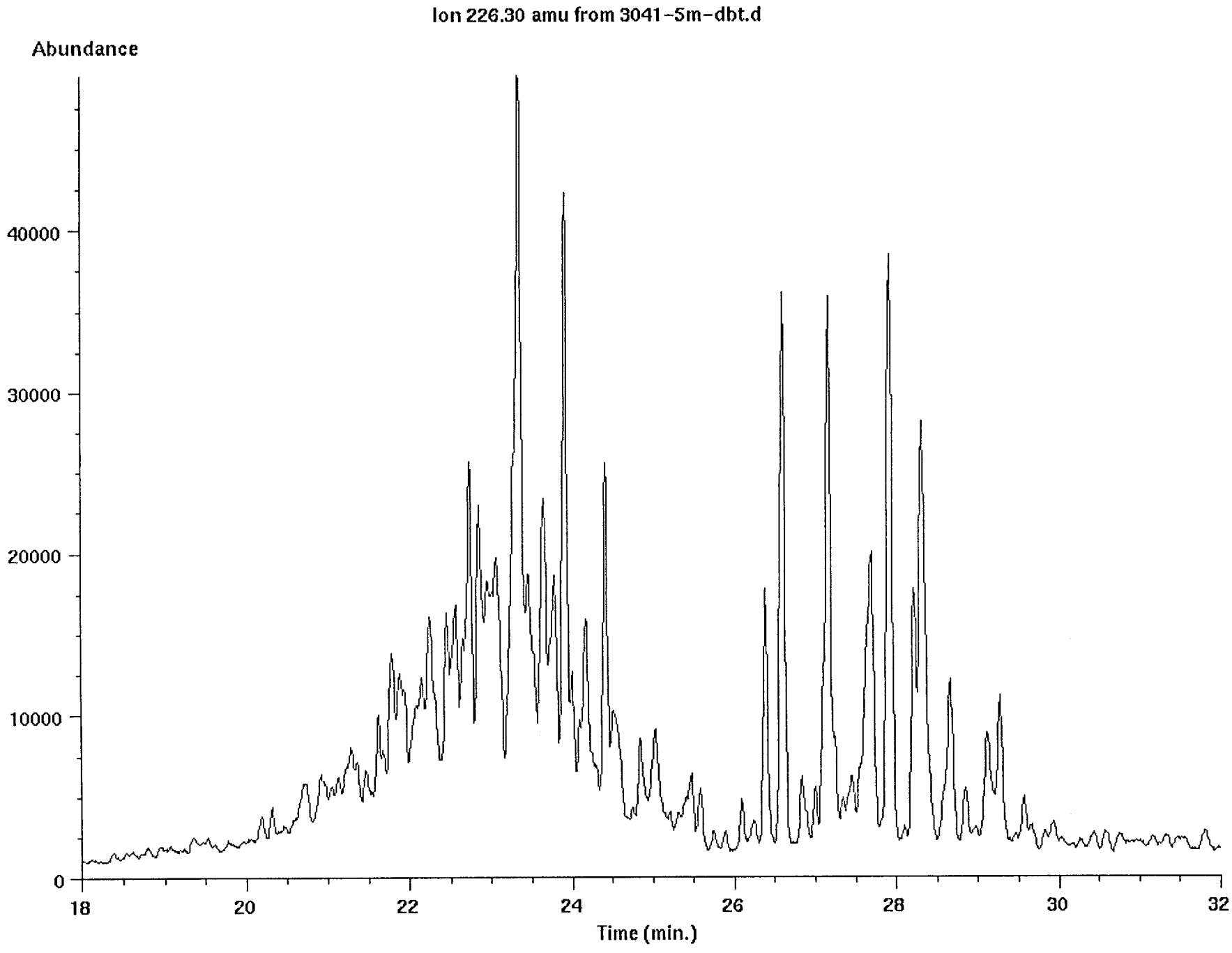

Ion 184.20 amu from 3041-5m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

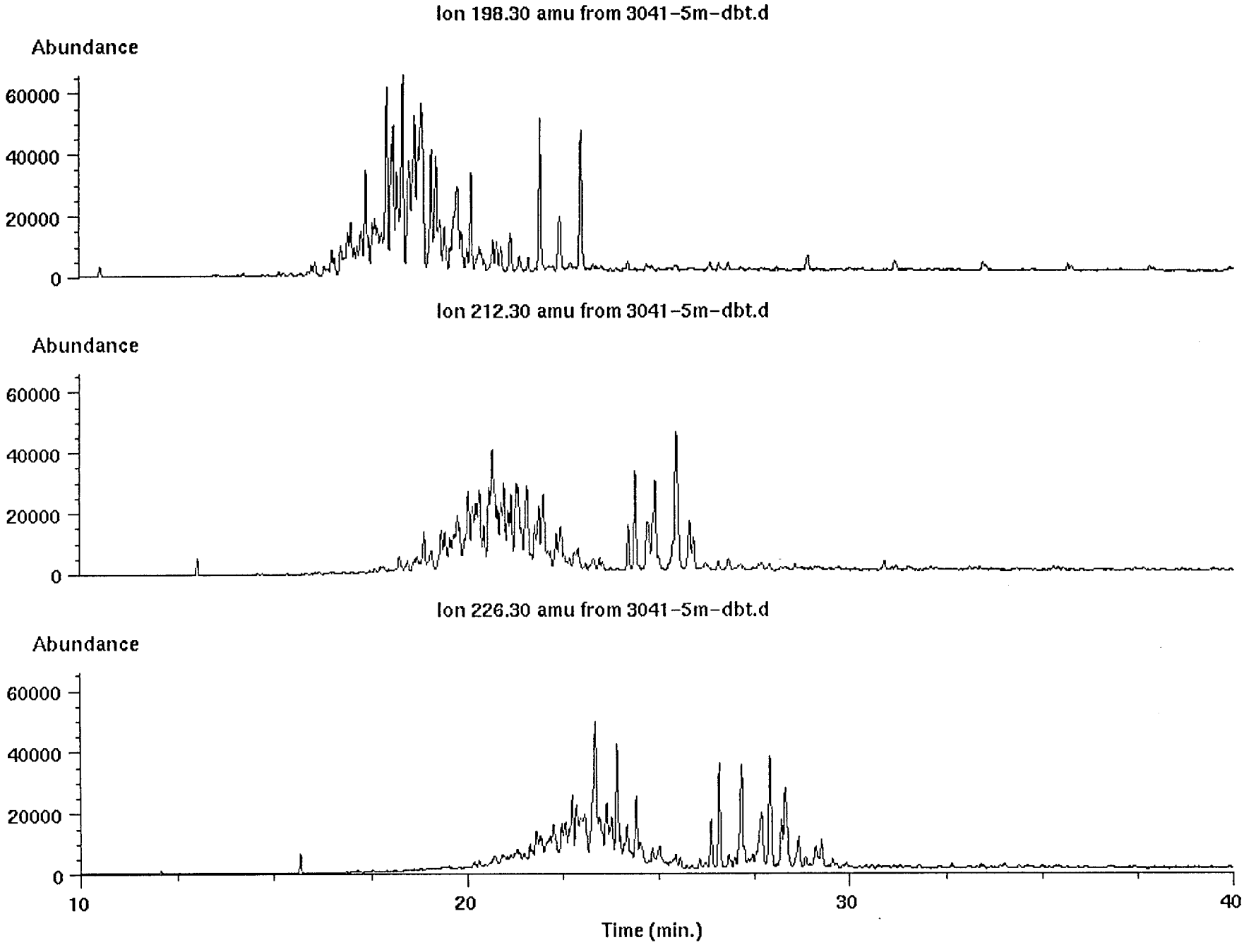

Ion 184.20 amu from 3041-5m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)

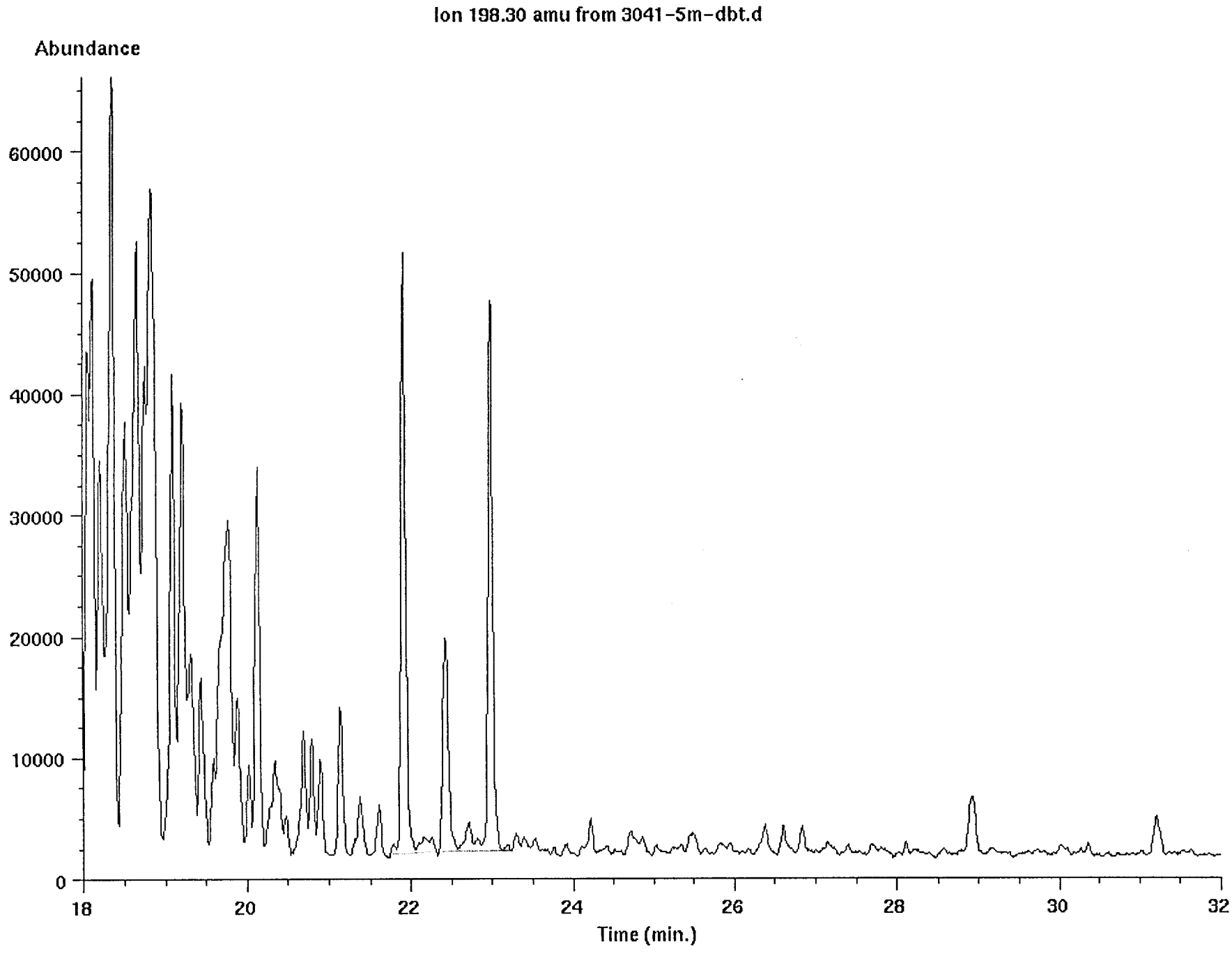

Ion 198.30 amu from 3041-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

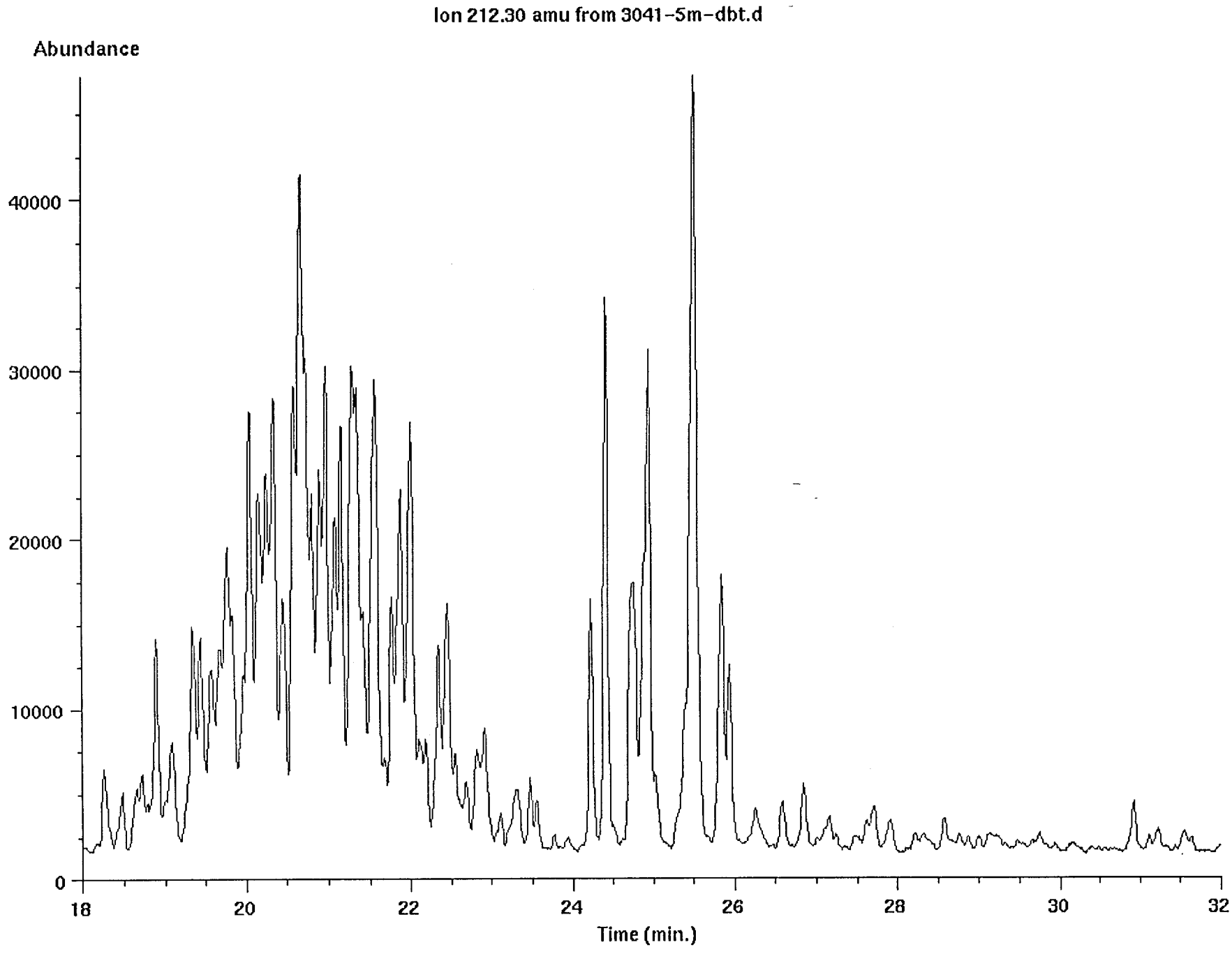

Ion 212.30 amu from 3041-5m-dbt.d
Abundance
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

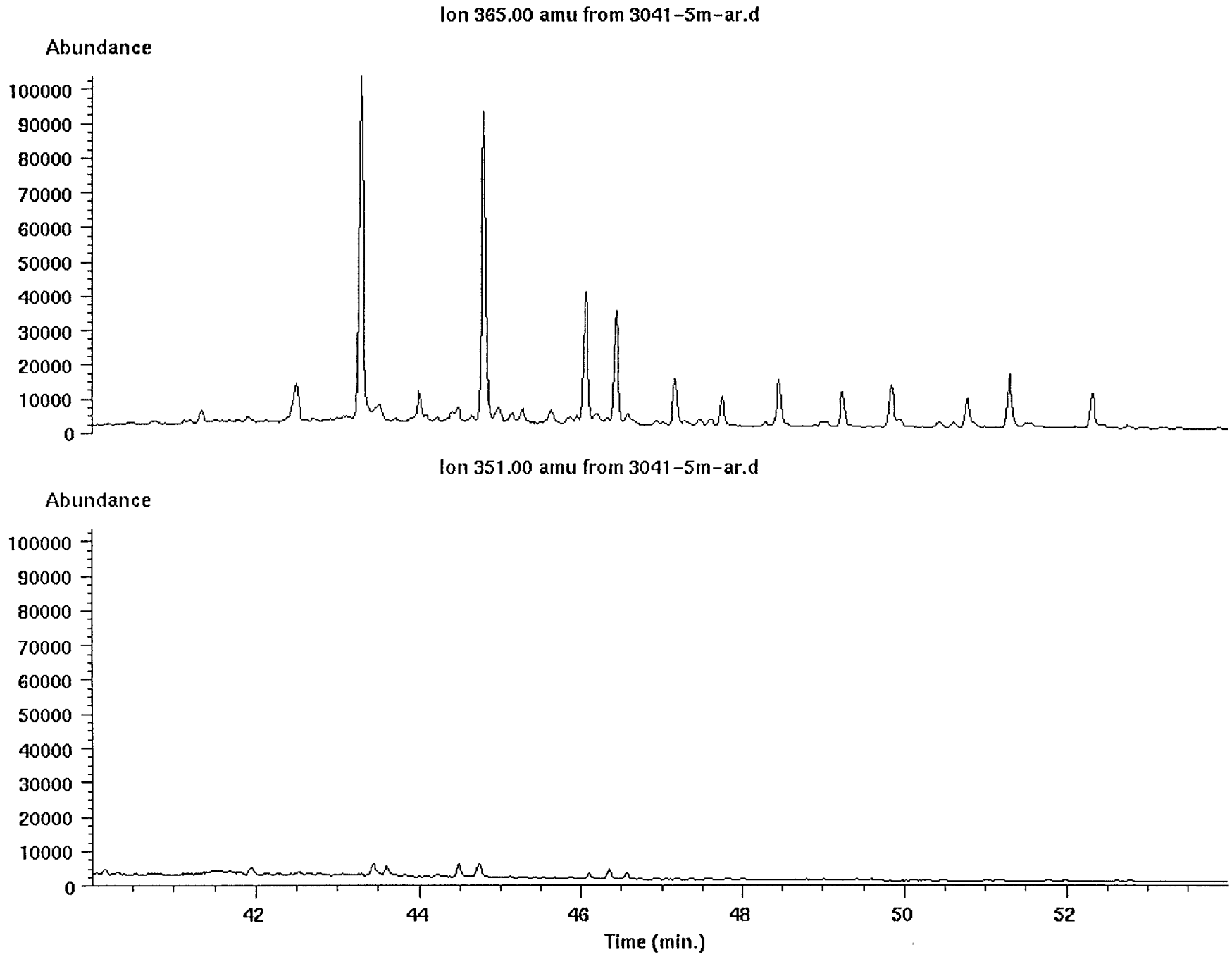

Ion 226.30 amu from 3041-5m-dbt.d
Abundance
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3041-5m-dbt.d
Abundance
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3041-5m-dbt.d
Abundance
60000
40000
20000
0
Ion 212.30 amu from 3041-5m-dbt.d
Abundance
60000
40000
20000
0
Ion 226.30 amu from 3041-5m-dbt.d
Abundance
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3041-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3041-5m-dbt.d
Abundance
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 365.00 amu from 3041-5m-ar.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Ion 351.00 amu from 3041-5m-ar.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
42
44
46
48
50
52
Time (min.)

97036

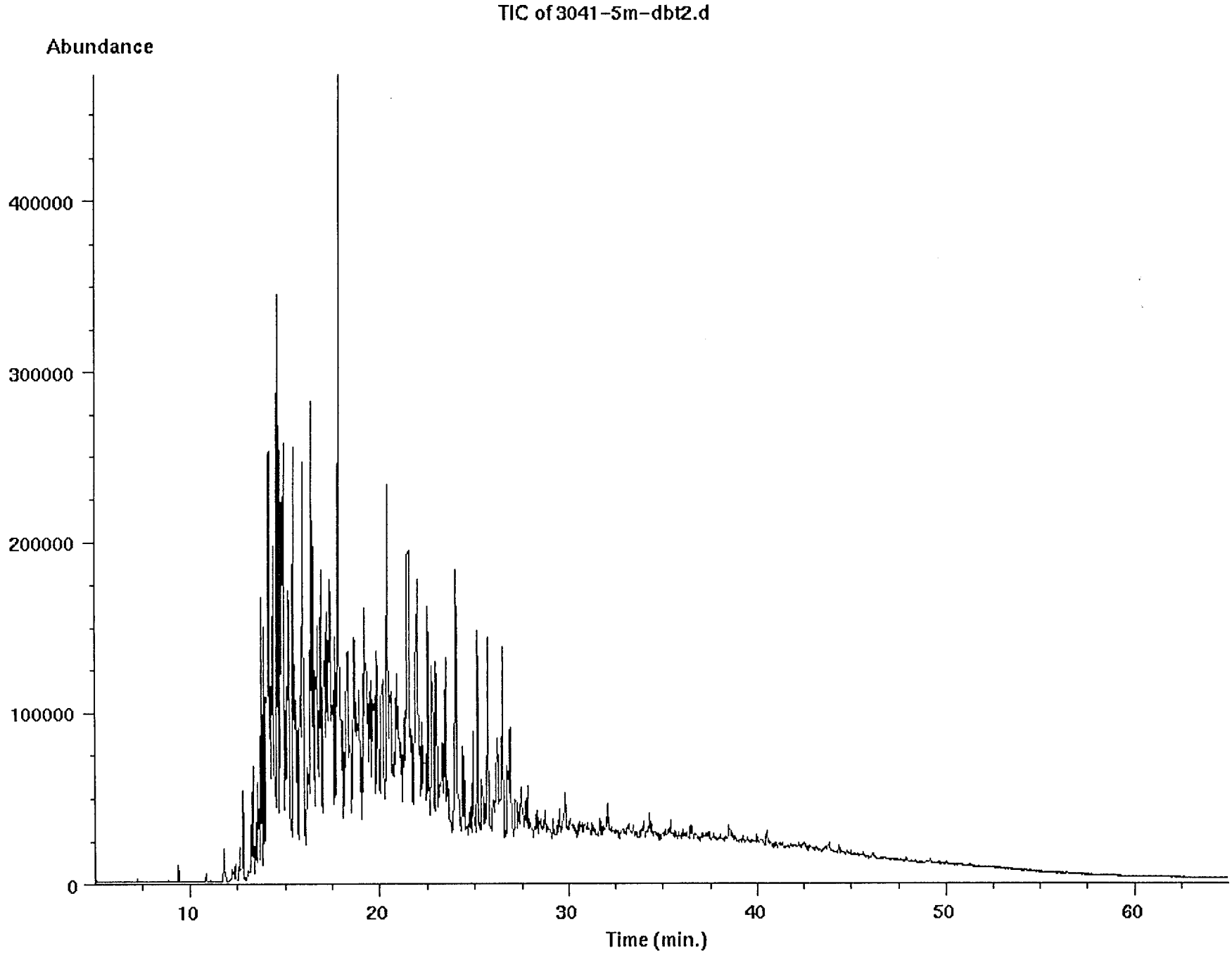
01-2

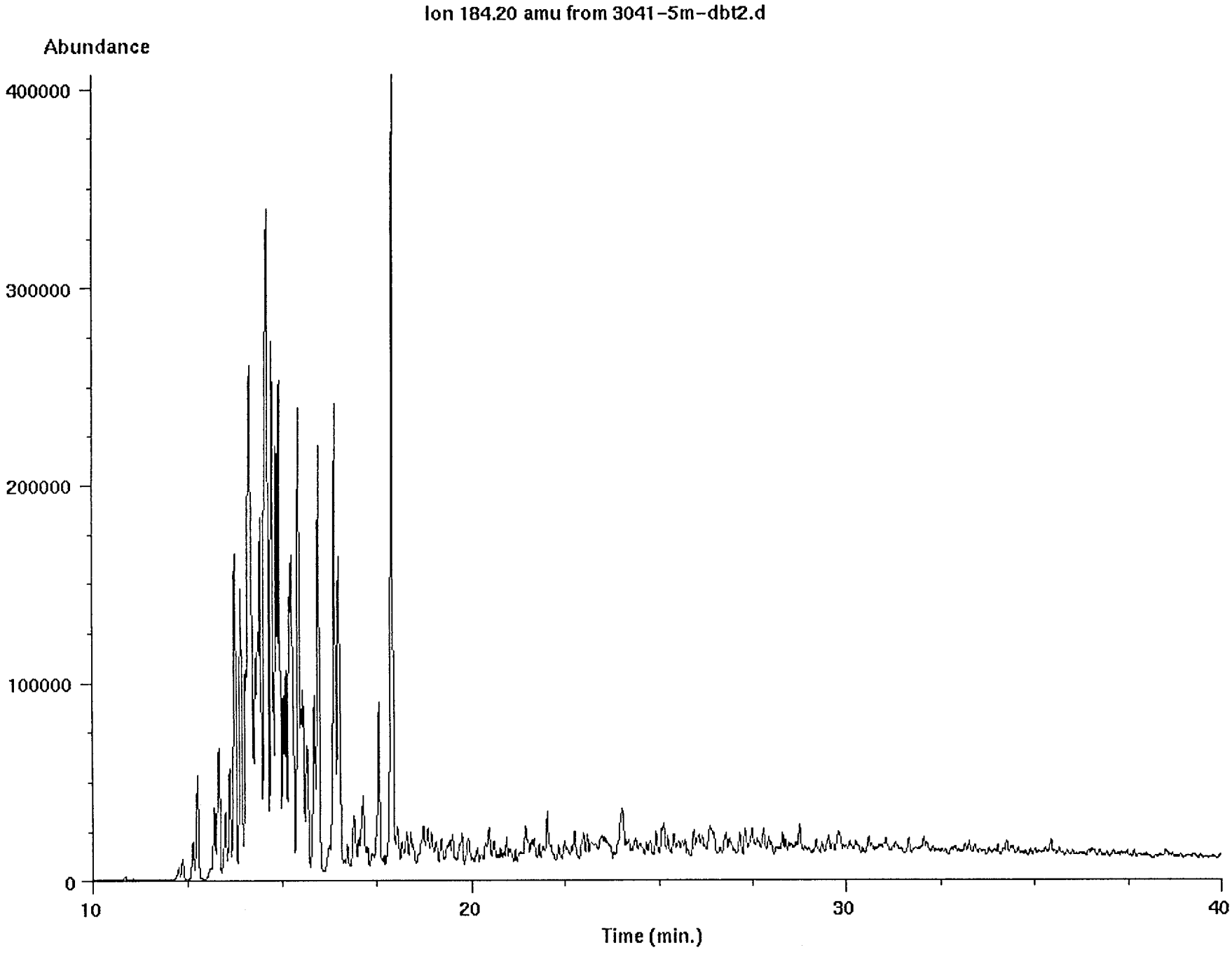
Data file: /chem/data2/chem/hp/Wessel/3041-5m-dbt2.d
File type: GC / MS DATA FILE

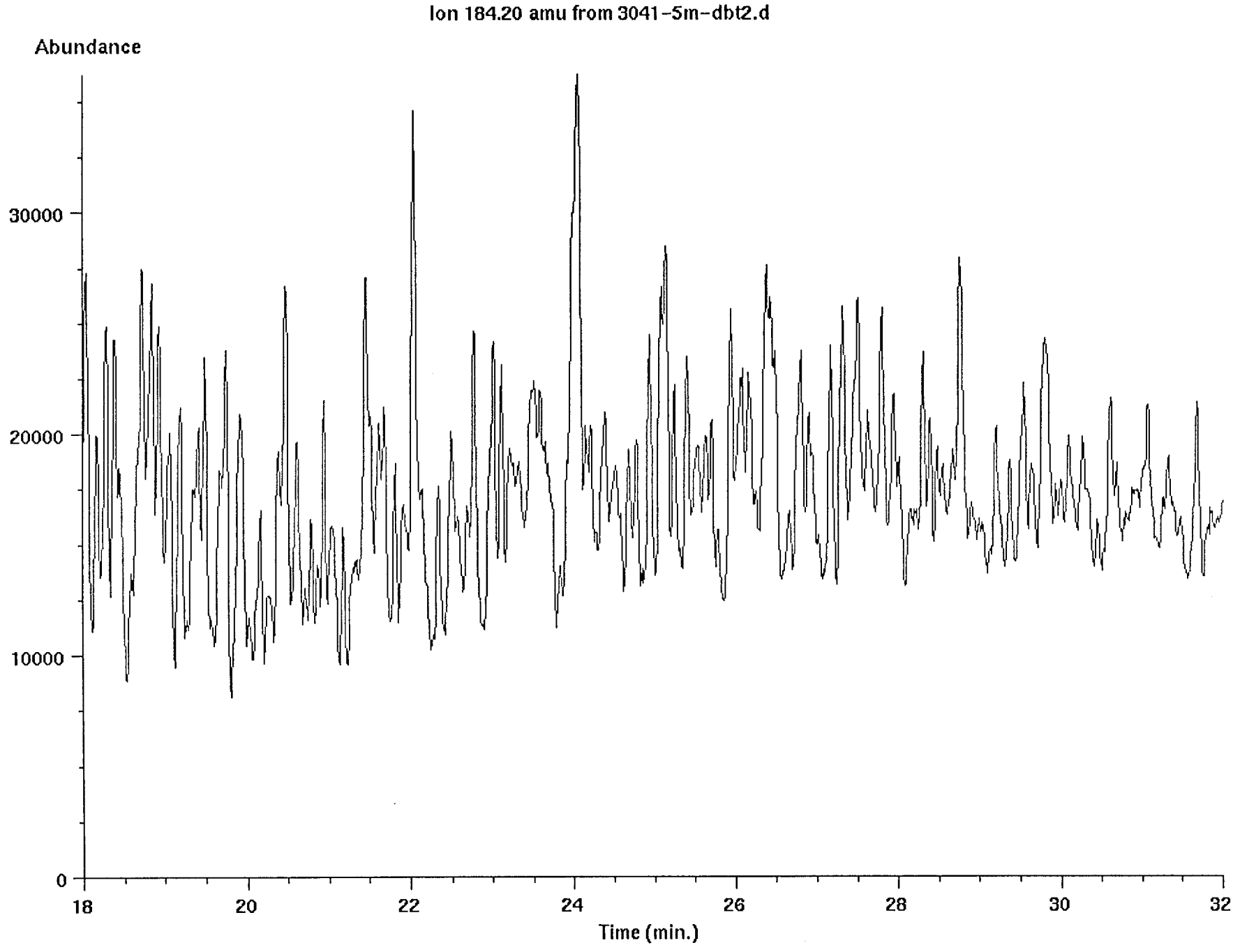
Name Info: Wessel 3041.5 ar
Misc Info:
Operator : PN

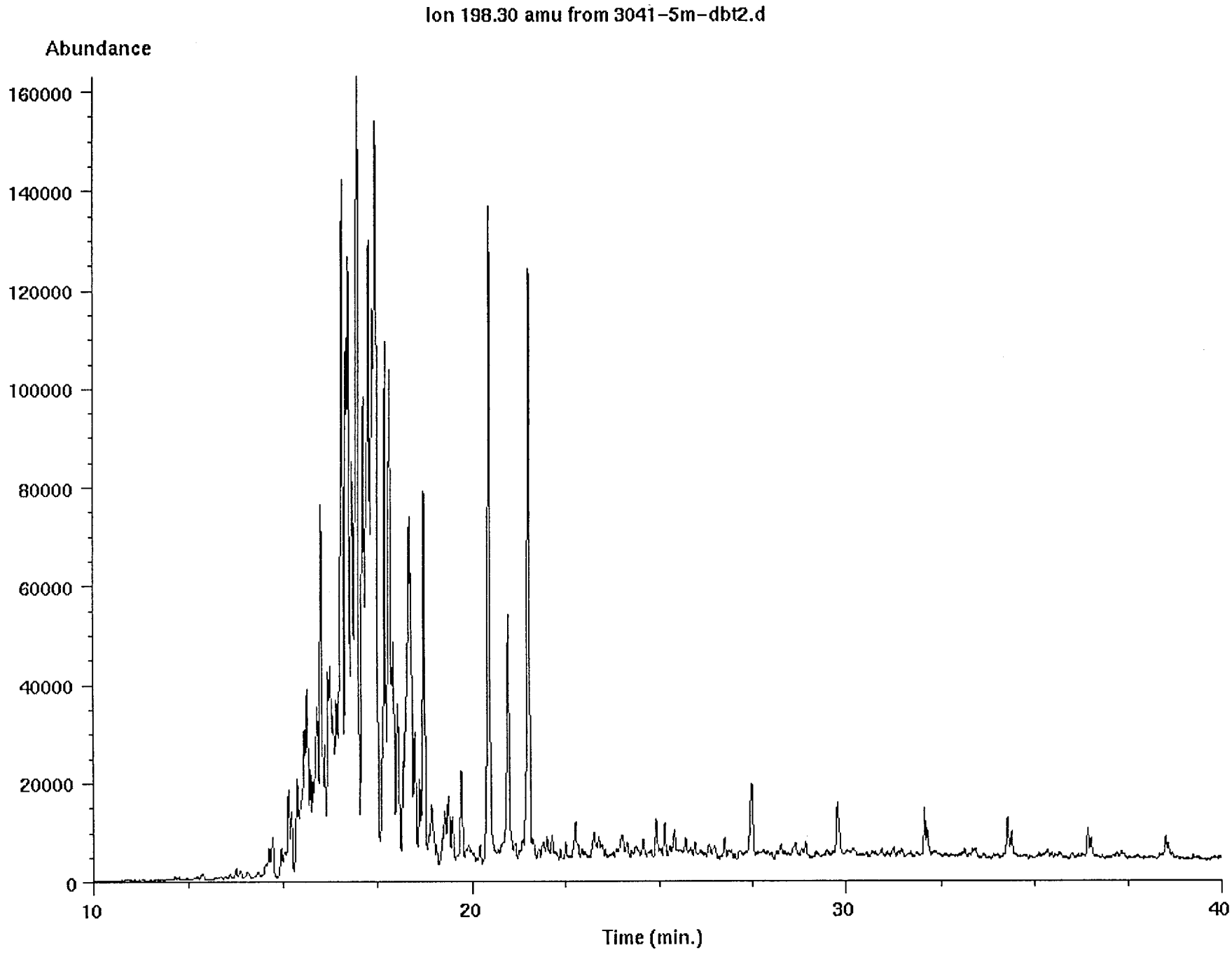
Date : Wed Nov 26 97 05:39:13 PM
Instrment: HP5971
Inlet : GC

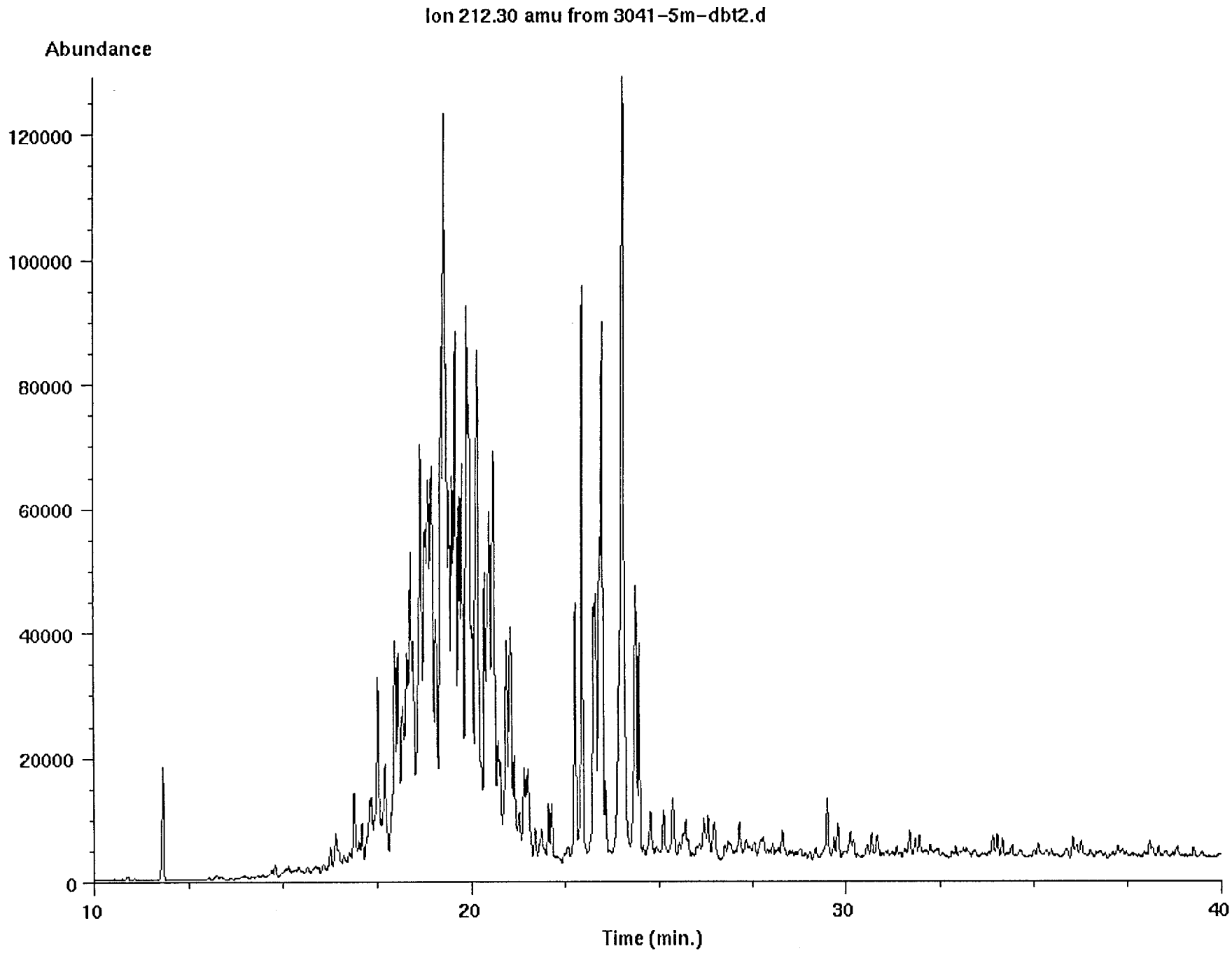
Sequence index : 1
Als bottle num : 1
Replicate num : 1

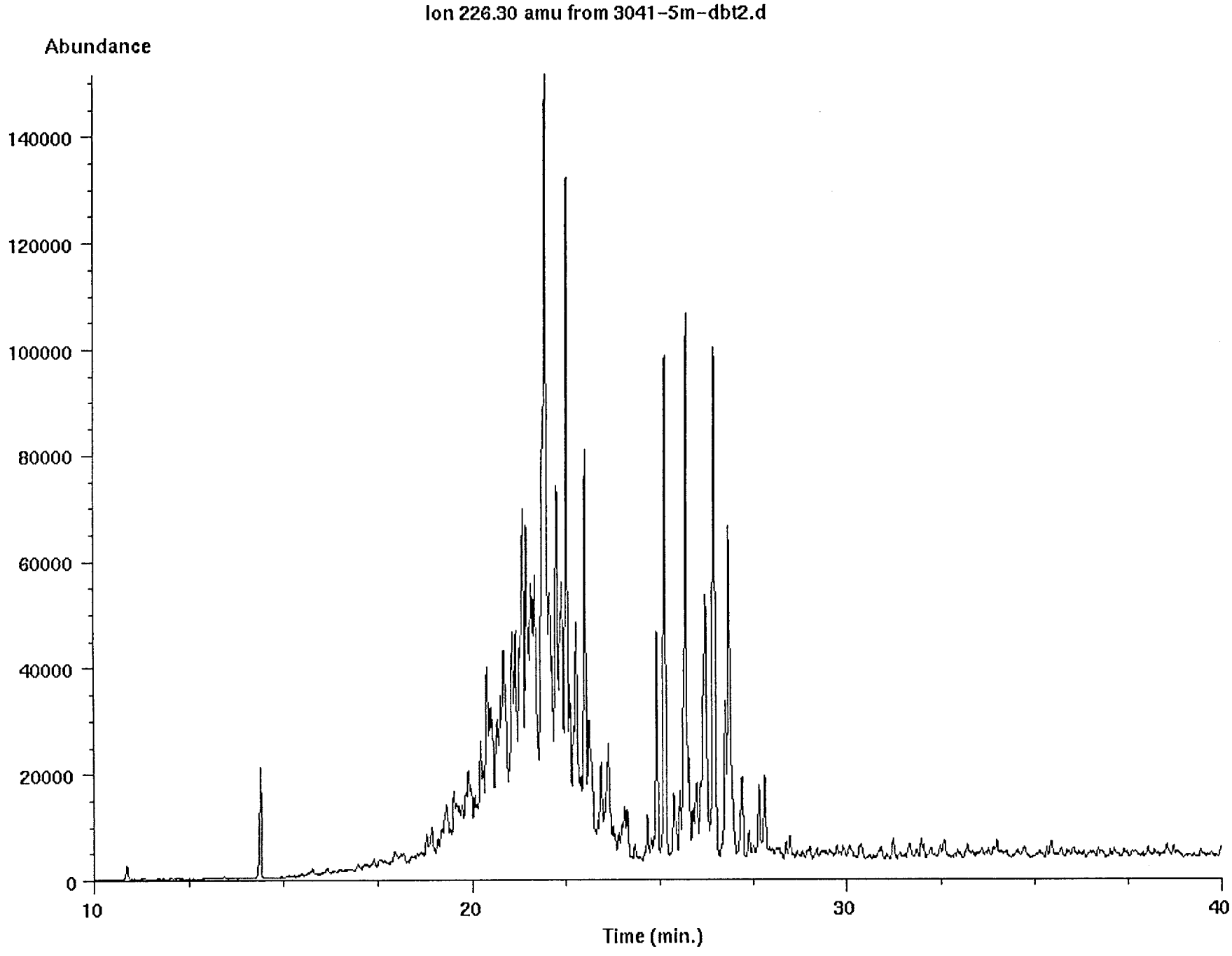

TIC of 3041-5m-dbt2.d
Abundance
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

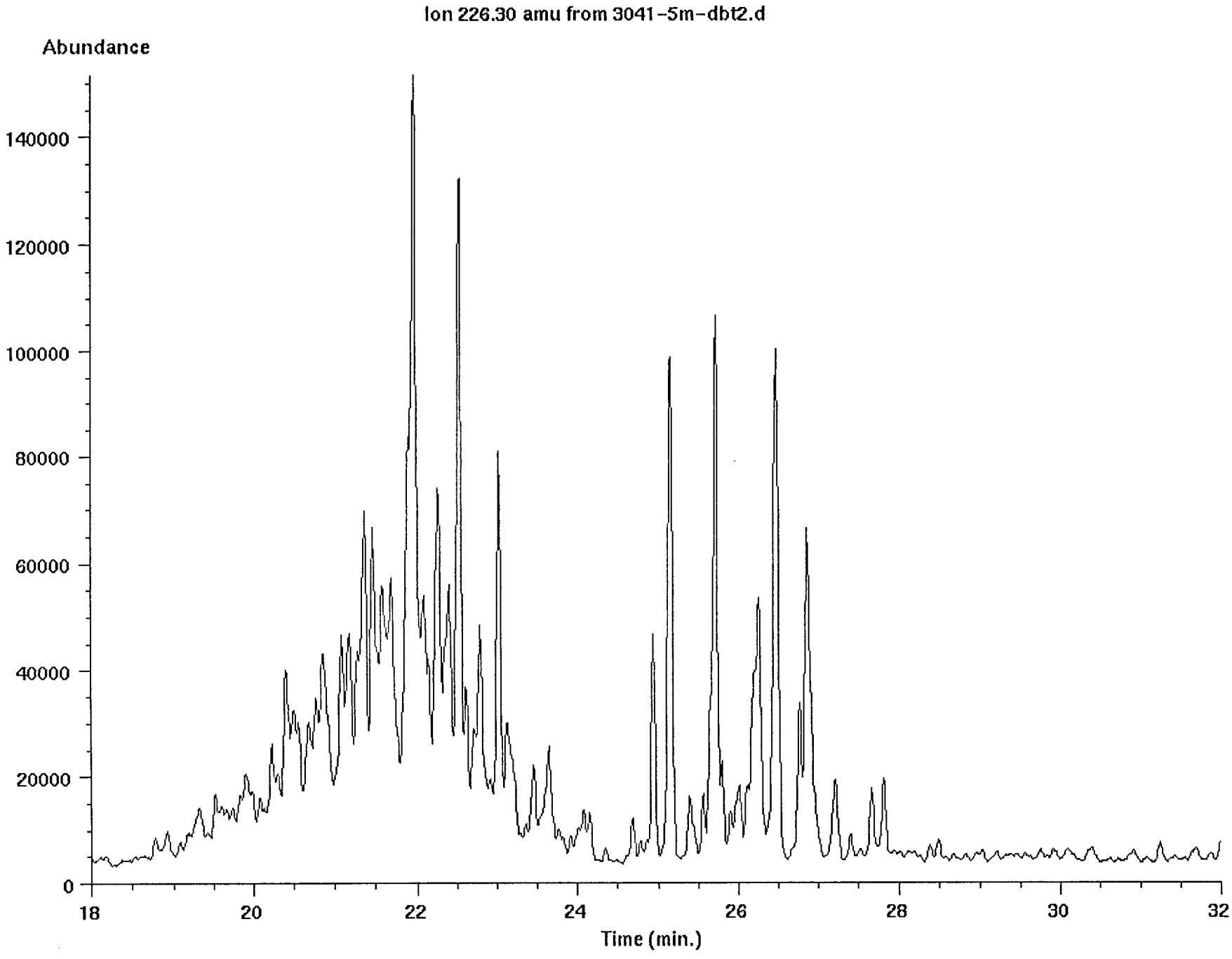

Ion 184.20 amu from 3041-5m-dbt2.d
Abundance
400000
300000
200000
100000
0
10
20
30
40
Time (min.)

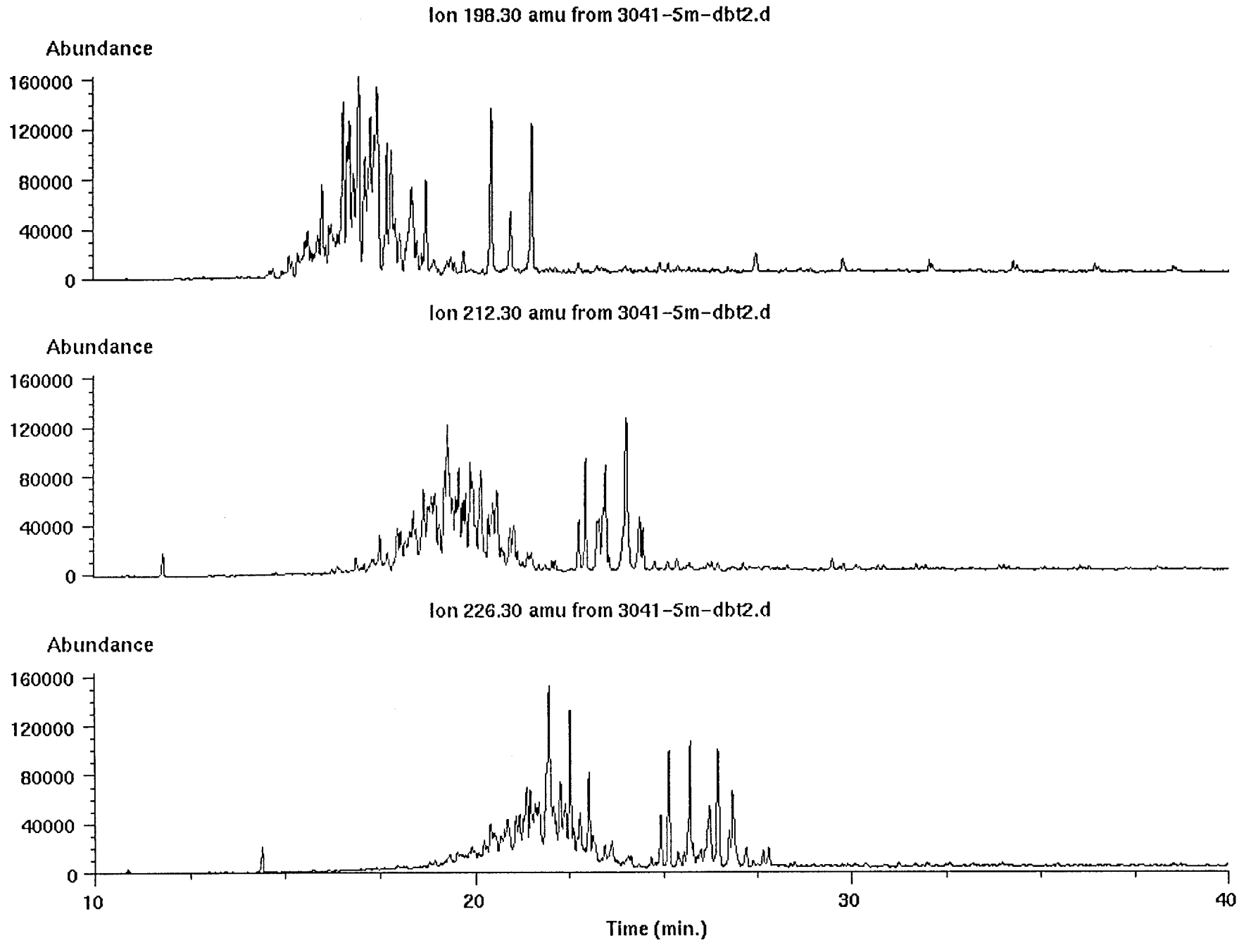

Ion 184.20 amu from 3041-5m-dbt2.d
Abundance
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)

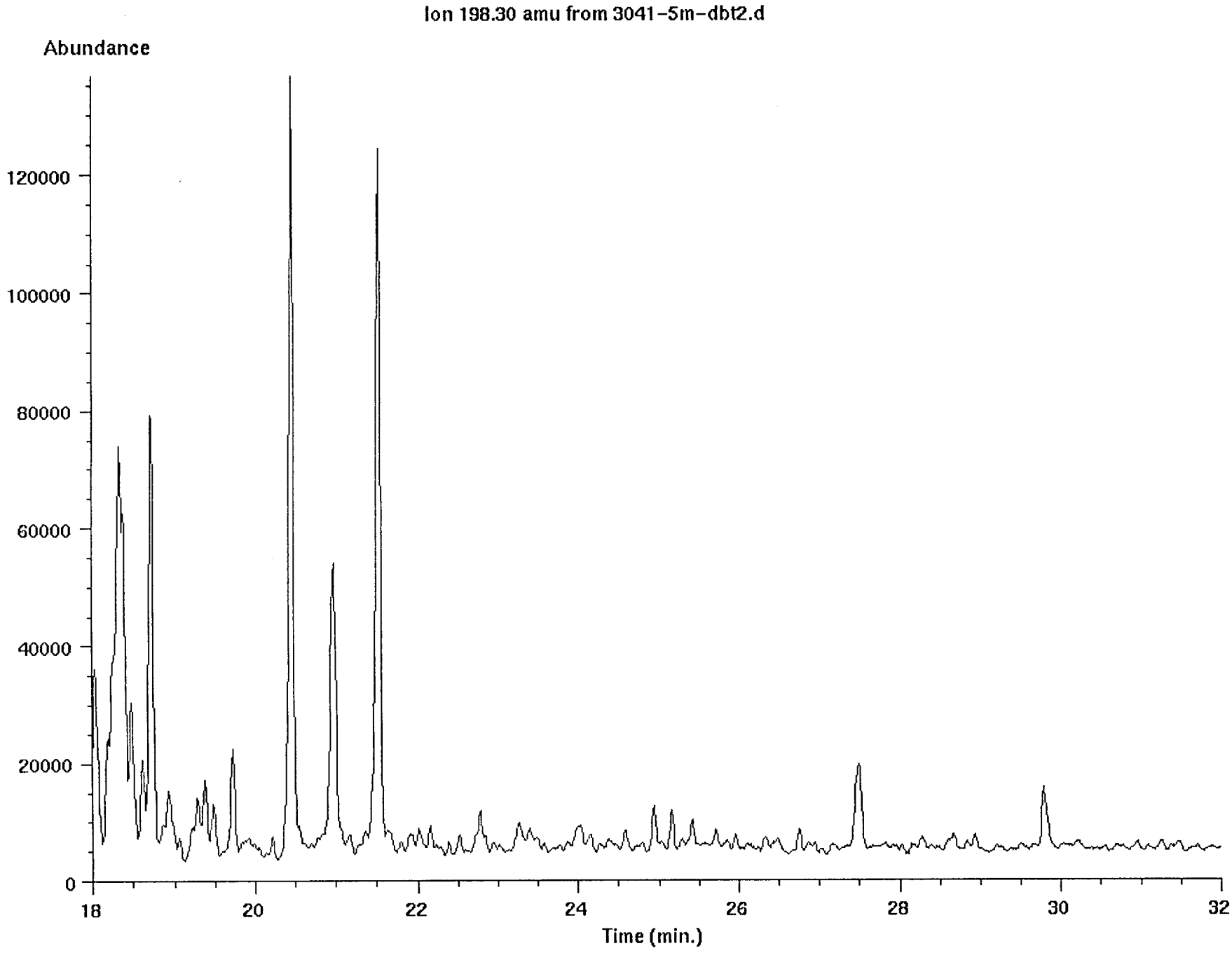

Ion 198.30 amu from 3041-5m-dbt2.d
Abundance
160000
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

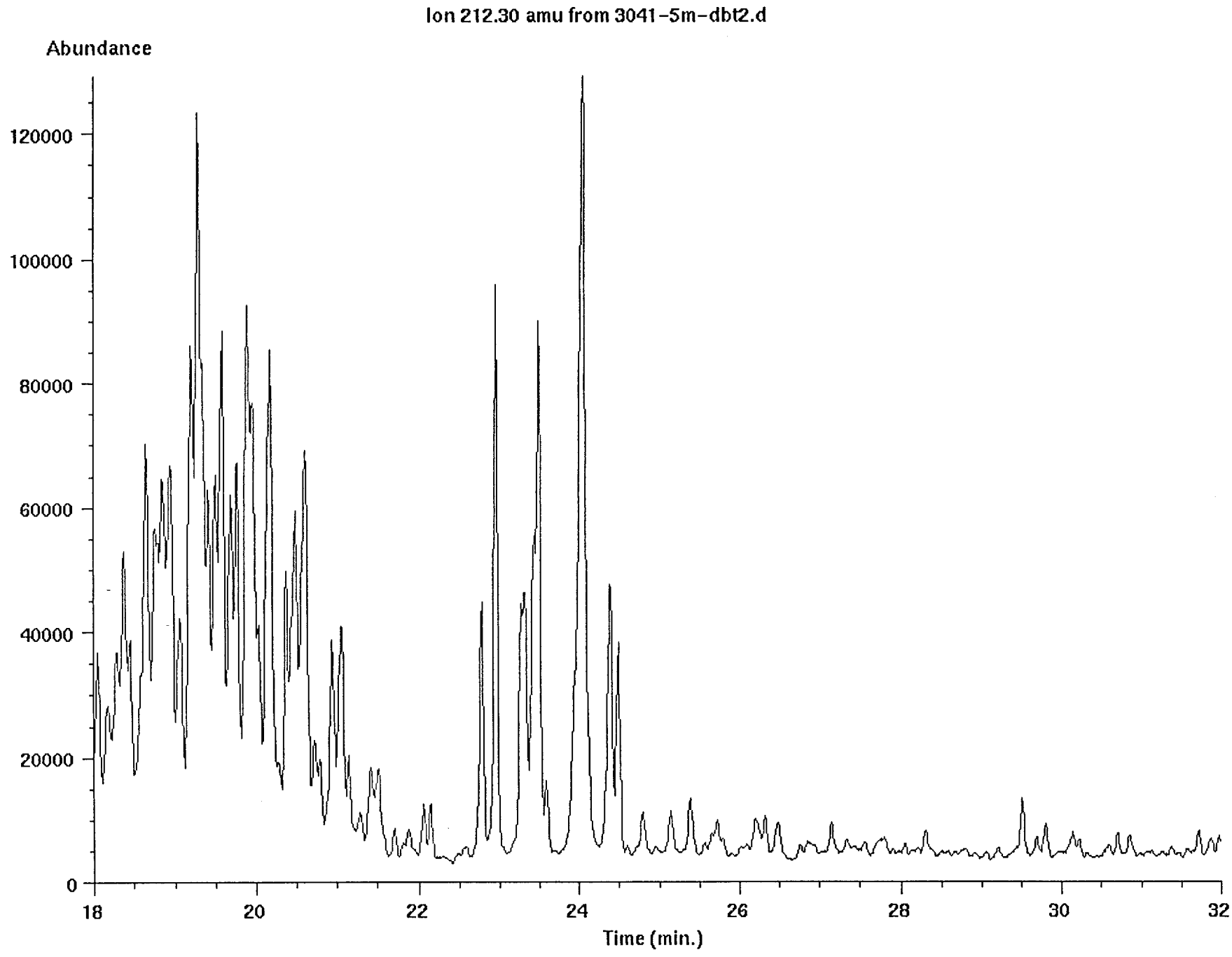

Ion 212.30 amu from 3041-5m-dbt2.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

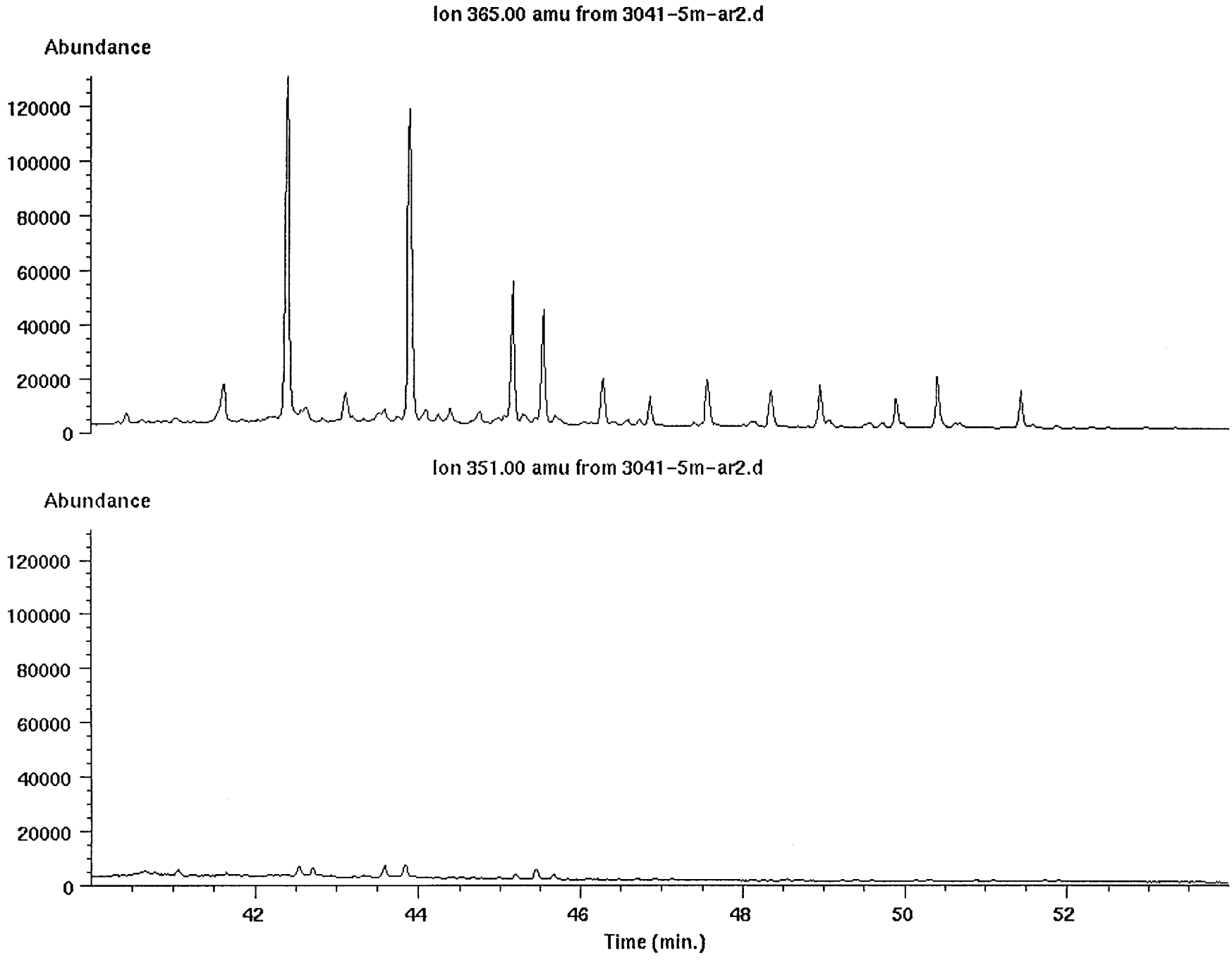

Ion 226.30 amu from 3041-5m-dbt2.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3041-5m-dbt2.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3041-5m-dbt2.d
Abundance
160000
120000
80000
40000
0
Ion 212.30 amu from 3041-5m-dbt2.d
Abundance
160000
120000
80000
40000
0
Ion 226.30 amu from 3041-5m-dbt2.d
Abundance
160000
120000
80000
40000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3041-5m-dbt2.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3041-5m-dbt2.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)

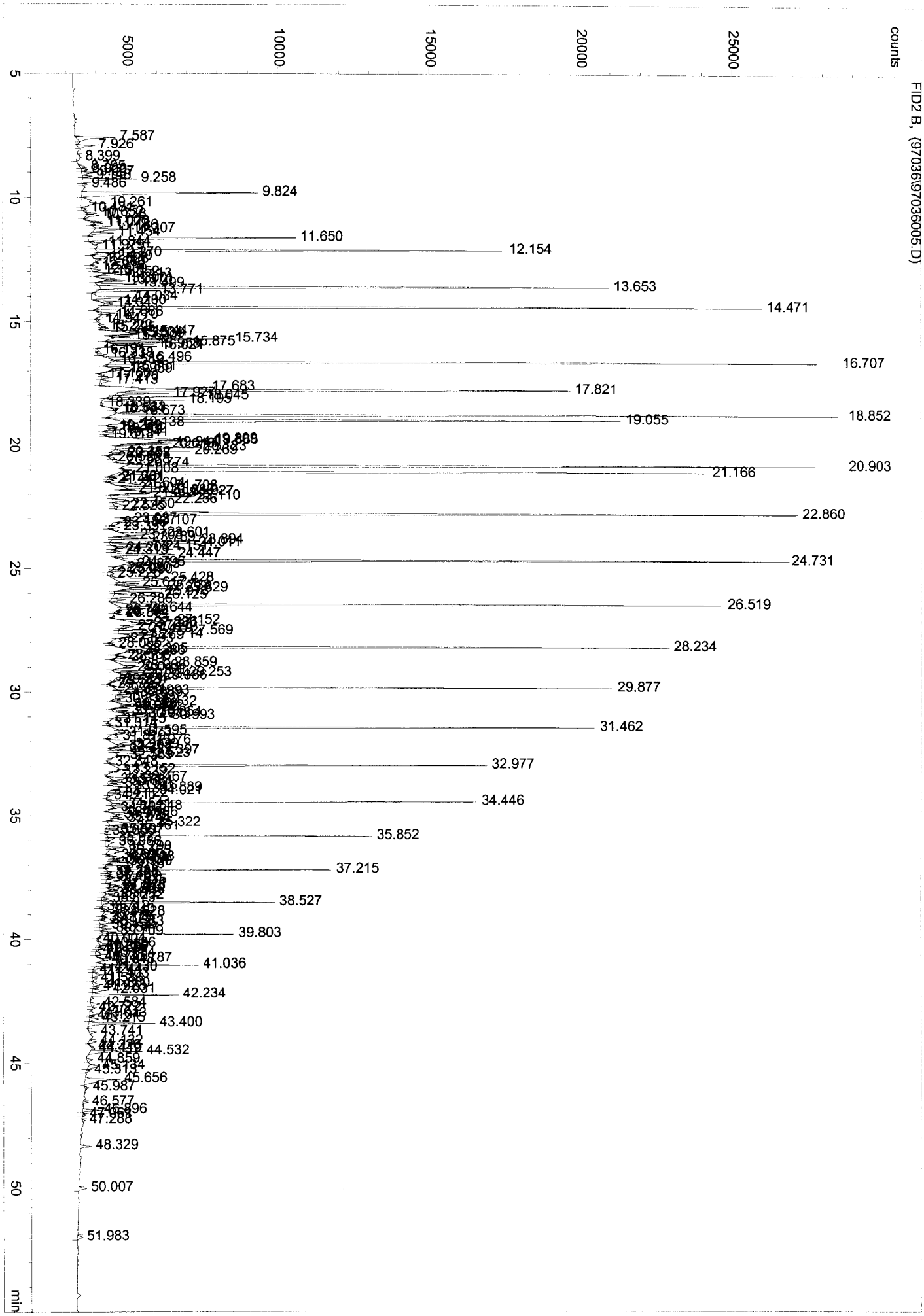

Ion 365.00 amu from 3041-5m-ar2.d
Abundance
120000
100000
80000
60000
40000
20000
0
Ion 351.00 amu from 3041-5m-ar2.d
Abundance
120000
100000
80000
60000
40000
20000
0
42
44
46
48
50
52
Time (min.)

97036-02, 3042.5 m, core, Amerada Hess, ALI: 8.1 mg, KØ
RT d. 21. NOVEMBER 1997.

==========

Injection Date	: 21-11-97 12:26:57	Seq. Line :	2
Sample Name	: 3042.5	Vial :	2
Acq. Operator	: DD	Inj :	1
		Inj Volume :	1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:34:26 by per (modified after loading)		

Metode baseret på Norsk Industristandard


5000
10000
15000
20000
25000
counts
FID2 B, (97036\97036005.D)
min
7.587
7.926
8.399
9.258
9.486
9.824
10.261
11.650
12.154
13.653
14.471
15.734
16.707
17.683
17.821
18.852
19.055
20.903
21.166
22.860
24.731
26.519
28.234
29.877
31.462
32.977
34.446
35.852
37.215
38.527
39.803
41.036
42.234
43.400
44.532
45.656
45.987
46.577
47.288
48.329
50.007
51.983

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	7.587	PBA	0.0659	6450.21973	1345.29175	0.36822
2	7.926	PBA	0.0666	2971.16699	601.71643	0.16961
3	8.399	PBA	0.1548	1946.87158	155.75970	0.11114
4	8.795	PB	0.0555	893.02197	219.40965	0.05098
5	8.900	VB	0.0410	676.14740	231.89824	0.03860
6	9.007	VB	0.0519	1684.74988	468.65265	0.09618
7	9.148	VB	0.0420	847.59479	319.16373	0.04839
8	9.258	VB	0.0640	8364.15918	1807.60901	0.47748
9	9.486	VB	0.0400	480.60043	175.18398	0.02744
10	9.824	PB	0.0635	2.62651e4	5835.69287	1.49938
11	10.261	VB	0.1072	6963.84473	827.54376	0.39754
12	10.481	VB	0.0439	583.94049	175.12015	0.03333
13	10.652	VB	0.0480	1040.46875	337.64325	0.05940
14	10.738	VB	0.0609	1813.47070	407.42584	0.10352
15	11.006	VB	0.0238	342.20526	311.59488	0.01954
16	11.072	VB	0.0389	785.41418	306.48666	0.04484
17	11.186	VB	0.0453	1898.05566	627.75940	0.10835
18	11.307	VB	0.0546	4280.78418	1119.59265	0.24437
19	11.454	VB	0.0497	2451.63452	759.04919	0.13995
20	11.650	VB	0.0577	2.74770e4	6865.05322	1.56856
21	11.844	VB	0.0498	1510.58093	442.57169	0.08623
22	11.979	VB	0.0611	603.70074	119.23291	0.03446
23	12.154	VB	0.0520	4.73642e4	1.34928e4	2.70384
24	12.270	VB	0.0382	1541.05615	615.74292	0.08797
25	12.410	VB	0.0595	2112.76538	436.18829	0.12061
26	12.528	VB	0.0504	770.72363	207.27180	0.04400
27	12.660	VB	0.0447	543.46533	168.36990	0.03102
28	12.815	VB	0.0436	808.01587	250.87181	0.04613

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	12.939	VB	0.0461	907.28625	285.51932	0.05179
30	13.052	VB	0.0338	707.79565	347.33807	0.04041
31	13.113	VB	0.0449	2060.88989	729.92810	0.11765
32	13.300	VB	0.0437	1516.88354	495.60291	0.08659
33	13.370	VB	0.0421	2005.07690	729.59808	0.11446
34	13.499	VB	0.0519	4659.36865	1362.88928	0.26599
35	13.653	VB	0.0519	5.60307e4	1.68221e4	3.19858
36	13.771	VB	0.0428	5465.64258	1944.83130	0.31201
37	14.034	VB	0.0678	6073.02881	1317.14941	0.34669
38	14.200	VB	0.0507	2308.73193	714.11298	0.13180
39	14.311	VB	0.0468	799.17572	292.76382	0.04562
40	14.471	VB	0.0448	6.93729e4	2.19651e4	3.96024
41	14.666	VB	0.0503	2026.81030	559.16339	0.11570
42	14.770	VB	0.0574	1663.93530	357.08978	0.09499
43	14.942	VBA	0.0972	1524.98840	195.10986	0.08706
44	15.222	PB	0.0370	297.03427	133.17410	0.01696
45	15.295	VB	0.0385	645.20154	264.02335	0.03683
46	15.447	VB	0.0550	3273.00439	812.33466	0.18684
47	15.504	VB	0.0208	67.82153	53.38297	0.00387
48	15.539	VB	0.0328	839.70416	394.90347	0.04794
49	15.630	VB	0.0369	1530.95959	663.63489	0.08740
50	15.734	VB	0.0587	1.49525e4	3990.21143	0.85358
51	15.875	VB	0.0413	6525.38379	2598.36890	0.37251
52	15.953	VB	0.0341	2634.95117	1273.78076	0.15042
53	16.021	VB	0.0347	3458.16772	1568.63599	0.19741
54	16.191	VB	0.0481	400.46429	106.04839	0.02286
55	16.338	VB	0.0436	849.70410	303.94696	0.04851
56	16.496	VB	0.0705	5501.76660	1200.60901	0.31408
57	16.589	VB	0.0183	65.01318	61.55320	0.00371
58	16.707	VB	0.0446	7.75813e4	2.40901e4	4.42883
59	16.861	VB	0.0429	1930.91858	685.75464	0.11023
60	16.959	VB	0.0650	1659.20410	352.15305	0.09472
61	17.160	VB	0.0399	540.83362	170.94067	0.03087
62	17.270	VB	0.0405	873.15491	334.27243	0.04985
63	17.413	VB	0.0666	1877.93896	374.11102	0.10720
64	17.683	VB	0.0585	8466.58984	2502.96802	0.48333
65	17.821	VB	0.0580	5.23009e4	1.45342e4	2.98566
66	17.927	VB	0.0387	4356.26270	1712.94080	0.24868
67	18.045	VB	0.0385	7355.70557	3012.39185	0.41991
68	18.195	VB	0.0440	7703.22754	2719.98633	0.43975
69	18.339	VB	0.0491	431.37323	106.83678	0.02463
70	18.533	VB	0.0213	302.31467	245.93042	0.01726
71	18.584	VB	0.0273	277.15598	145.05562	0.01582
72	18.673	VB	0.0387	1731.62744	757.56958	0.09885
73	18.852	VB	0.0479	8.30038e4	2.42909e4	4.73837
74	19.055	VB	0.0542	6.50518e4	1.64436e4	3.71356
75	19.138	VB	0.0336	1088.74390	477.01279	0.06215
76	19.273	VB	0.0319	313.64459	160.04126	0.01790
77	19.310	VB	0.0247	228.09802	122.86945	0.01302

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	19.402	VB	0.0473	1296.28174	416.86719	0.07400
79	19.541	VB	0.0476	1771.95032	615.21747	0.10115
80	19.618	VB	0.0267	160.31041	90.18980	0.00915
81	19.809	VB	0.0523	7295.48633	1836.74243	0.41647
82	19.865	VB	0.0311	3400.37915	1714.34802	0.19411
83	19.944	VB	0.0379	2431.83545	1054.50146	0.13882
84	20.010	VB	0.0299	2941.51514	1568.17871	0.16792
85	20.123	VB	0.0401	6955.11719	2784.44824	0.39704
86	20.269	VB	0.0386	6346.92334	2588.71436	0.36232
87	20.352	VB	0.0306	719.24359	387.80707	0.04106
88	20.408	VB	0.0314	823.24774	429.30020	0.04700
89	20.550	VB	0.0716	785.20343	131.61502	0.04482
90	20.638	VB	0.0470	1105.26526	357.69586	0.06310
91	20.774	VB	0.0288	983.88092	578.80988	0.05617
92	20.903	VB	0.0474	7.86348e4	2.38685e4	4.48896
93	21.008	VB	0.0353	605.75159	250.07298	0.03458
94	21.166	VB	0.0562	8.24630e4	1.95626e4	4.70750
95	21.301	VB	0.0294	555.43085	302.27380	0.03171
96	21.361	VB	0.0309	489.58533	261.14523	0.02795
97	21.442	VB	0.0459	830.22925	231.17920	0.04739
98	21.604	VB	0.0646	3908.73584	805.19751	0.22314
99	21.708	VB	0.0569	6330.71094	1573.80847	0.36140
100	21.801	VB	0.0236	417.11438	311.36310	0.02381
101	21.883	VB	0.0239	690.15802	507.46204	0.03940
102	21.927	VB	0.0376	2748.85034	1254.77869	0.15692
103	21.998	VB	0.0283	1623.16357	888.46674	0.09266
104	22.110	VB	0.0443	7796.23291	2731.97729	0.44506
105	22.256	VB	0.0398	5091.34570	1926.11523	0.29065
106	22.450	VB	0.0527	1877.00537	468.63876	0.10715
107	22.525	VB	0.0485	479.14536	128.58189	0.02735
108	22.860	VB	0.0431	6.50967e4	2.10176e4	3.71612
109	23.037	VB	0.0608	767.60803	160.41708	0.04382
110	23.107	VB	0.0478	2925.98315	980.33679	0.16703
111	23.188	VB	0.0481	914.55505	241.91536	0.05221
112	23.351	VB	0.0534	1462.63867	359.80652	0.08350
113	23.601	VB	0.0639	5713.36768	1310.68518	0.32615
114	23.703	VB	0.0274	725.40985	415.09109	0.04141
115	23.789	VB	0.0406	2977.80444	1174.36621	0.16999
116	23.894	VB	0.0522	9785.07520	2837.49243	0.55859
117	24.011	VB	0.0396	7090.37012	2794.40991	0.40476
118	24.151	VB	0.0374	3390.87012	1501.08228	0.19357
119	24.208	VB	0.0248	269.35498	176.42670	0.01538
120	24.313	VB	0.0424	1039.04468	342.91803	0.05932
121	24.447	VB	0.0563	8648.49219	2087.67188	0.49371
122	24.731	VB	0.0500	7.65810e4	2.17782e4	4.37172
123	24.796	VB	0.0329	613.65912	276.77441	0.03503
124	24.873	VB	0.0461	1094.45007	335.23883	0.06248
125	25.020	VB	0.0459	957.06543	349.64355	0.05464
126	25.090	VB	0.0376	1260.34119	481.04202	0.07195

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	25.226	VB	0.0636	975.77710	212.27448	0.05570
128	25.428	VB	0.0898	1.21695e4	1736.30383	0.69471
129	25.617	VB	0.0433	1903.11206	710.21375	0.10864
130	25.738	VB	0.0431	3444.28809	1253.00928	0.19662
131	25.829	VB	0.0408	5137.33203	1771.02185	0.29327
132	25.973	VB	0.0378	3647.00488	1587.00928	0.20819
133	26.125	VB	0.0670	7661.34961	1541.90332	0.43736
134	26.286	VB	0.0606	2211.38403	500.10580	0.12624
135	26.519	VB	0.0502	6.72295e4	2.00209e4	3.83788
136	26.644	VB	0.0444	2204.07031	846.15735	0.12582
137	26.720	VB	0.0269	239.68517	148.06528	0.01368
138	26.795	VB	0.0272	371.49185	214.66516	0.02121
139	26.864	VBA	0.0795	1770.93091	297.40509	0.10110
140	27.152	PB	0.0564	5984.49268	1472.47168	0.34163
141	27.236	VB	0.0218	558.70050	365.78253	0.03189
142	27.280	VB	0.0313	832.79791	436.16226	0.04754
143	27.370	VB	0.0432	1178.51074	369.40414	0.06728
144	27.479	VB	0.0348	1892.54309	857.10168	0.10804
145	27.569	VB	0.0600	8825.76562	2240.46826	0.50383
146	27.714	VB	0.0357	2111.81567	957.19446	0.12056
147	27.769	VB	0.0521	718.05414	194.26331	0.04099
148	27.893	VB	0.0790	2443.15771	396.13995	0.13947
149	28.085	VB	0.0342	479.97324	198.69061	0.02740
150	28.234	VB	0.0471	5.91782e4	1.81003e4	3.37826
151	28.305	VB	0.0370	866.18787	404.60855	0.04945
152	28.386	VB	0.0502	1588.28101	392.88245	0.09067
153	28.558	VB	0.0240	360.52896	200.14731	0.02058
154	28.617	VB	0.0366	985.21655	342.32620	0.05624
155	28.859	VB	0.0768	1.00804e4	1661.49927	0.57545
156	28.966	VB	0.0313	932.82574	430.73413	0.05325
157	29.041	VB	0.0299	635.10217	355.31937	0.03626
158	29.160	VB	0.0382	1843.21570	820.45538	0.10522
159	29.253	VB	0.0399	5463.64014	2130.26733	0.31190
160	29.334	VB	0.0253	659.80853	378.33472	0.03767
161	29.386	VB	0.0306	2016.55957	1041.94116	0.11512
162	29.524	VB	0.0392	680.23566	219.40001	0.03883
163	29.585	VBA	0.1621	1243.00757	91.72195	0.07096
164	29.729	BB	0.0290	336.39551	156.88661	0.01920
165	29.877	VB	0.0449	5.06186e4	1.64521e4	2.88963
166	29.931	VB	0.0130	48.04864	62.10314	0.00274
167	29.993	VB	0.0334	1586.46008	728.20288	0.09057
168	30.069	VB	0.0346	1208.49377	530.36945	0.06899
169	30.193	VB	0.0518	1802.98132	439.79993	0.10293
170	30.313	VB	0.0304	616.96271	262.60046	0.03522
171	30.432	VB	0.0516	3949.51587	1082.68152	0.22546
172	30.528	VB	0.0242	244.78441	165.56050	0.01397
173	30.582	VB	0.0316	912.13019	470.05493	0.05207
174	30.652	VB	0.0338	1005.34131	492.23904	0.05739
175	30.770	VB	0.0407	1403.19617	501.25558	0.08010

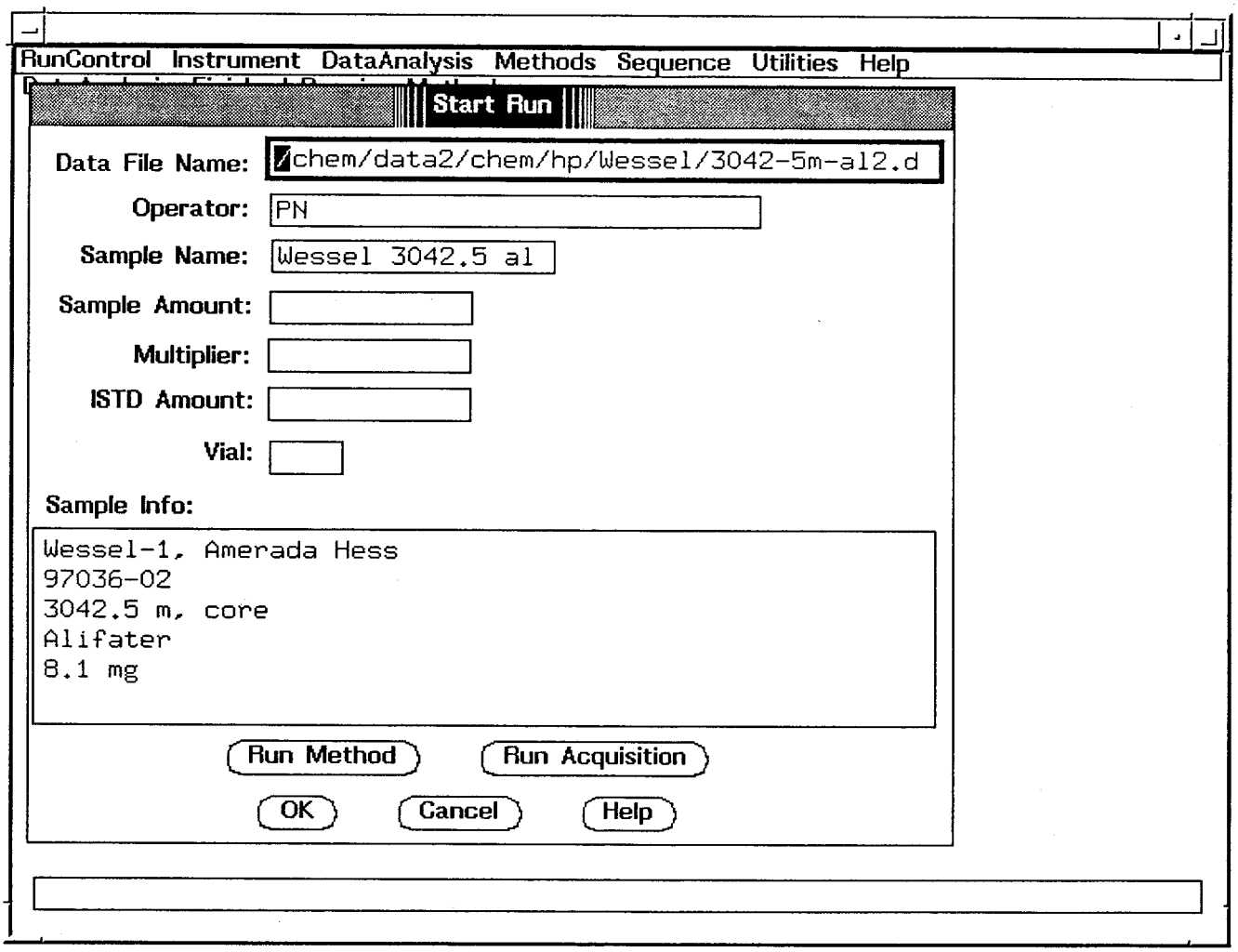
Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	30.854	VB	0.0310	2208.46460	1073.07983	0.12607
177	30.913	VB	0.0293	1213.10083	634.23798	0.06925
178	30.993	VBA	0.0404	4618.38867	1664.23804	0.26365
179	31.145	BBA	0.0756	1730.47327	294.13376	0.09879
180	31.314	PB	0.0357	327.23074	128.55775	0.01868
181	31.462	VB	0.0437	4.86645e4	1.59244e4	2.77808
182	31.595	VB	0.0423	2043.51331	695.59290	0.11666
183	31.673	VB	0.0298	639.26611	288.92975	0.03649
184	31.819	VB	0.0675	1930.32385	343.86346	0.11019
185	31.976	VB	0.0672	5660.14502	1135.10632	0.32312
186	32.139	VB	0.0285	896.52734	464.84680	0.05118
187	32.208	VB	0.0330	733.45428	341.79877	0.04187
188	32.321	VB	0.0382	1251.77661	499.54807	0.07146
189	32.397	VB	0.0400	3154.66870	1314.81311	0.18009
190	32.523	VB	0.0465	3211.20752	861.80853	0.18332
191	32.589	VBA	0.0634	1332.10669	280.63419	0.07604
192	32.848	PB	0.0325	279.86319	114.50495	0.01598
193	32.977	VB	0.0489	3.90616e4	1.23618e4	2.22988
194	33.152	VB	0.0259	646.80634	361.90341	0.03692
195	33.229	VBA	0.0662	1339.06262	255.33046	0.07644
196	33.467	PB	0.0479	3544.85718	1037.49500	0.20236
197	33.571	VB	0.0168	83.36855	82.12547	0.00476
198	33.631	VB	0.0292	967.26526	486.65125	0.05522
199	33.702	VB	0.0357	983.77942	373.91061	0.05616
200	33.816	VB	0.0347	1071.15161	407.23145	0.06115
201	33.889	VB	0.0349	2884.39331	1204.78333	0.16466
202	34.021	VB	0.0394	3691.49878	1516.47388	0.21073
203	34.122	VB	0.0400	1204.06873	452.92542	0.06874
204	34.211	VBA	0.1631	1200.09412	87.42509	0.06851
205	34.446	PB	0.0420	3.63641e4	1.21056e4	2.07589
206	34.541	VB	0.0451	1505.33569	438.26151	0.08593
207	34.648	VB	0.0374	1874.11829	768.70886	0.10699
208	34.707	VBA	0.1216	1089.38159	107.19637	0.06219
209	34.906	PB	0.0365	1542.45081	610.59320	0.08805
210	34.973	VB	0.0352	287.31598	114.70493	0.01640
211	35.075	VB	0.0275	562.03680	278.44714	0.03208
212	35.144	VB	0.0433	1172.66248	423.80508	0.06694
213	35.322	VB	0.0615	6595.73389	1495.51660	0.37653
214	35.461	VB	0.0550	3387.04834	806.48682	0.19335
215	35.597	VB	0.0340	904.33344	405.03900	0.05162
216	35.666	VBA	0.1300	1042.33960	97.29733	0.05950
217	35.852	BB	0.0409	2.46258e4	8724.60840	1.40580
218	35.923	VB	0.0652	1000.01538	193.87450	0.05709
219	36.086	VB	0.0744	1981.72021	323.70700	0.11313
220	36.290	VB	0.0452	1979.40210	589.21851	0.11300
221	36.465	VB	0.0739	3224.11816	538.38782	0.18405
222	36.630	VB	0.0291	674.61194	301.44702	0.03851
223	36.708	VB	0.0361	1086.47900	485.80807	0.06202
224	36.767	VB	0.0241	384.65479	212.93613	0.02196

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	36.834	VB	0.0292	622.51868	341.78671	0.03554
226	36.900	VB	0.0342	1164.93311	500.05936	0.06650
227	37.016	VB	0.0380	937.89917	377.20654	0.05354
228	37.215	VB	0.0383	1.93074e4	7428.05566	1.10218
229	37.288	VB	0.0294	313.20166	138.26572	0.01788
230	37.385	VB	0.0338	467.33810	229.11862	0.02668
231	37.467	VB	0.0317	232.84021	119.80811	0.01329
232	37.523	VB	0.0418	630.58539	217.93861	0.03600
233	37.635	VB	0.0582	1948.05273	462.17587	0.11121
234	37.811	VB	0.0292	720.40247	333.00803	0.04113
235	37.875	VB	0.0304	617.67896	308.15466	0.03526
236	37.981	VB	0.0281	407.71390	215.32164	0.02327
237	38.036	VB	0.0243	466.99701	281.90186	0.02666
238	38.172	VB	0.0311	484.24545	234.64723	0.02764
239	38.252	VB	0.0363	1225.81311	429.22058	0.06998
240	38.373	VB	0.0471	865.73663	234.58905	0.04942
241	38.527	VB	0.0420	1.57072e4	5734.18164	0.89667
242	38.712	VB	0.0354	212.43143	93.71651	0.01213
243	38.840	VB	0.0533	651.82013	148.32315	0.03721
244	38.928	VB	0.0506	1779.57483	465.32721	0.10159
245	39.116	VB	0.0284	326.86798	149.84579	0.01866
246	39.173	VB	0.0307	278.10043	112.87155	0.01588
247	39.333	VB	0.0541	2310.39258	584.44415	0.13189
248	39.452	VB	0.0449	1012.24939	275.12027	0.05779
249	39.577	VB	0.0478	1439.74890	433.17294	0.08219
250	39.709	VB	0.0380	1167.43445	485.59323	0.06664
251	39.803	VB	0.0421	1.16839e4	4376.93848	0.66699
252	40.004	VB	0.0325	208.76575	85.35751	0.01192
253	40.186	VB	0.0623	1494.92249	321.10648	0.08534
254	40.269	VB	0.0223	103.10866	65.61954	0.00589
255	40.367	VB	0.0392	418.40222	161.45325	0.02389
256	40.434	VB	0.0421	239.53084	81.84887	0.01367
257	40.584	VB	0.0522	1620.15393	447.45111	0.09249
258	40.716	VB	0.0218	188.63290	123.88655	0.01077
259	40.787	VB	0.0371	1784.89124	767.98254	0.10189
260	40.848	VB	0.0262	188.49248	114.79056	0.01076
261	41.036	VB	0.0420	9066.97461	3408.87769	0.51760
262	41.130	VB	0.0381	1495.83691	544.03400	0.08539
263	41.244	VB	0.0371	344.96005	117.85137	0.01969
264	41.403	VB	0.0688	1785.09497	337.24454	0.10190
265	41.586	VB	0.0522	641.63831	149.15916	0.03663
266	41.800	VB	0.0553	1322.07532	333.29510	0.07547
267	41.923	VB	0.0330	464.07419	193.19487	0.02649
268	42.031	VB	0.0517	2054.76025	536.28113	0.11730
269	42.234	VBA	0.0486	9323.81152	2889.52563	0.53226
270	42.584	BBA	0.0852	2093.50220	312.43564	0.11951
271	42.772	BBA	0.1195	992.17389	99.38066	0.05664
272	43.013	PB	0.0653	1776.71545	349.74747	0.10143
273	43.104	VB	0.0277	257.82901	132.47859	0.01472

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	43.215	VB	0.0577	1271.53918	310.80634	0.07259
275	43.400	VB	0.0492	7254.47656	2214.33447	0.41413
276	43.741	VB	0.0558	1017.50739	253.85197	0.05809
277	44.132	BB	0.0570	1055.50012	262.24435	0.06025
278	44.320	VB	0.0514	516.07263	127.12093	0.02946
279	44.419	VB	0.0326	291.05188	110.87639	0.01662
280	44.532	VB	0.0514	6015.74512	1735.85144	0.34342
281	44.859	VBA	0.0949	1729.83813	219.60262	0.09875
282	45.134	BB	0.0854	2193.26562	326.29529	0.12521
283	45.313	VBA	0.1059	1172.91809	134.31419	0.06696
284	45.656	BBA	0.0805	7415.54687	1177.65088	0.42333
285	45.987	BBA	0.1085	1268.87097	141.72487	0.07244
286	46.577	PBA	0.0918	1239.51599	166.61240	0.07076
287	46.896	BBA	0.0698	2862.33398	587.47546	0.16340
288	47.061	BBA	0.1438	1036.24829	86.46815	0.05916
289	47.288	PBA	0.1310	1077.89429	98.27563	0.06153
290	48.329	BBA	0.0773	2194.63013	386.18253	0.12528
291	50.007	BBA	0.0865	1924.19556	278.95294	0.10985
292	51.983	PBA	0.1152	1652.91516	178.22672	0.09436
Totals :				1.75174e6	5.26692e5	

Calibration Curves

*** End of Report ***

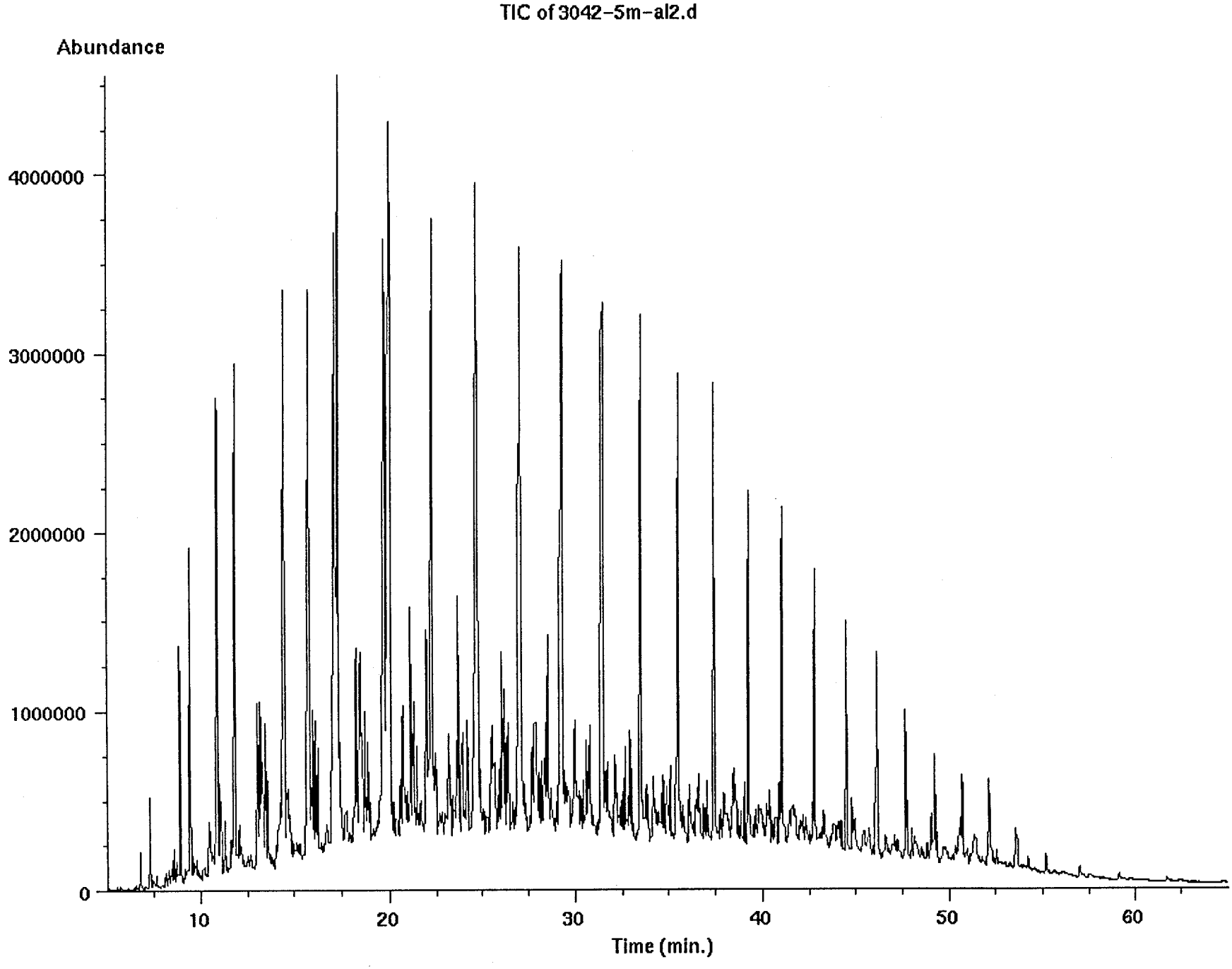

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3042-5m-al2.d
Operator: PN
Sample Name: Wessel 3042.5 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial:
Sample Info:
Wessel-1, Amerada Hess
97036-02
3042.5 m, core
Alifater
8.1 mg
Run Method
Run Acquisition
OK
Cancel
Help

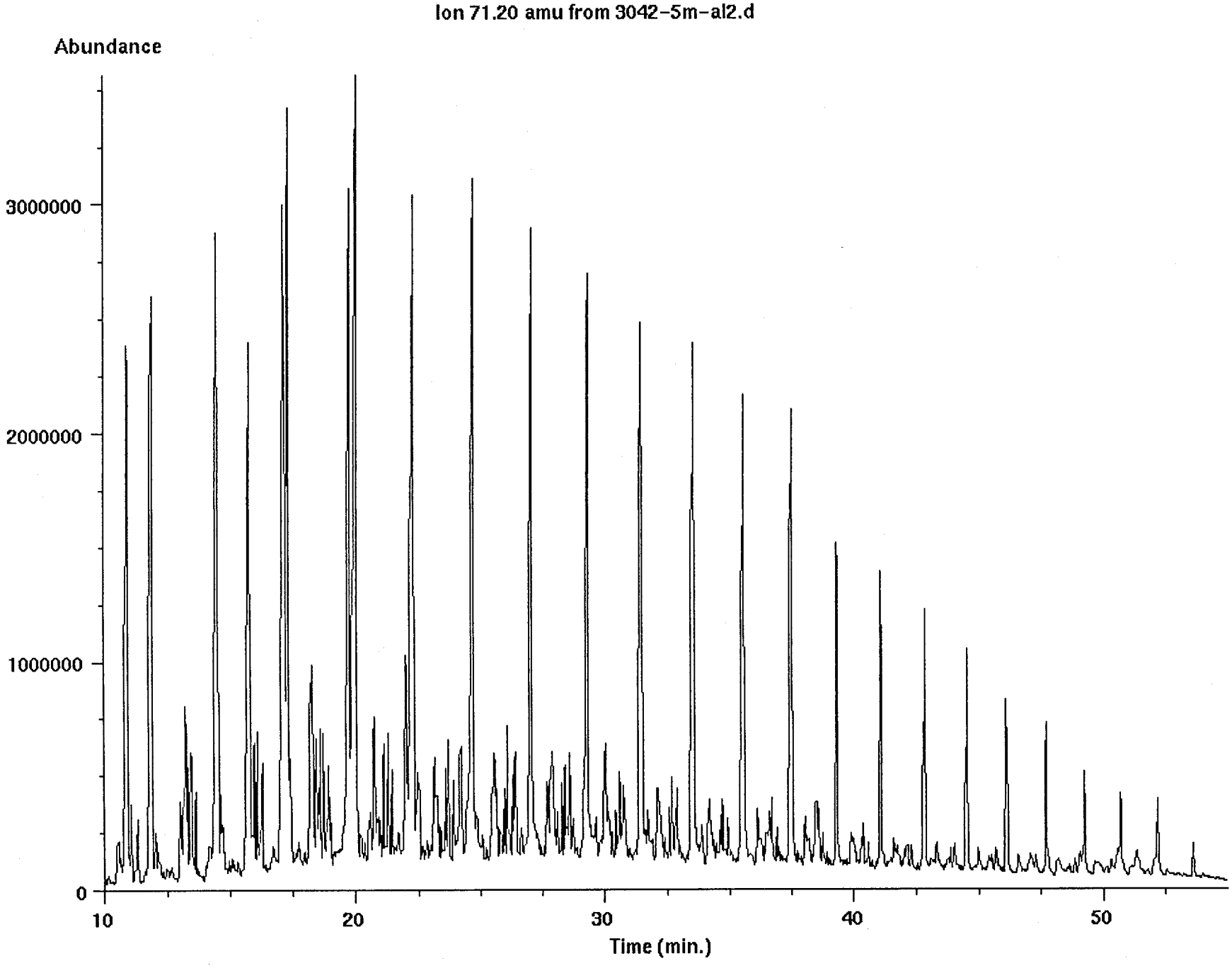
Data file: /chem/data2/chem/hp/Wessel/3042-5m-al2.d
File type: GC / MS DATA FILE

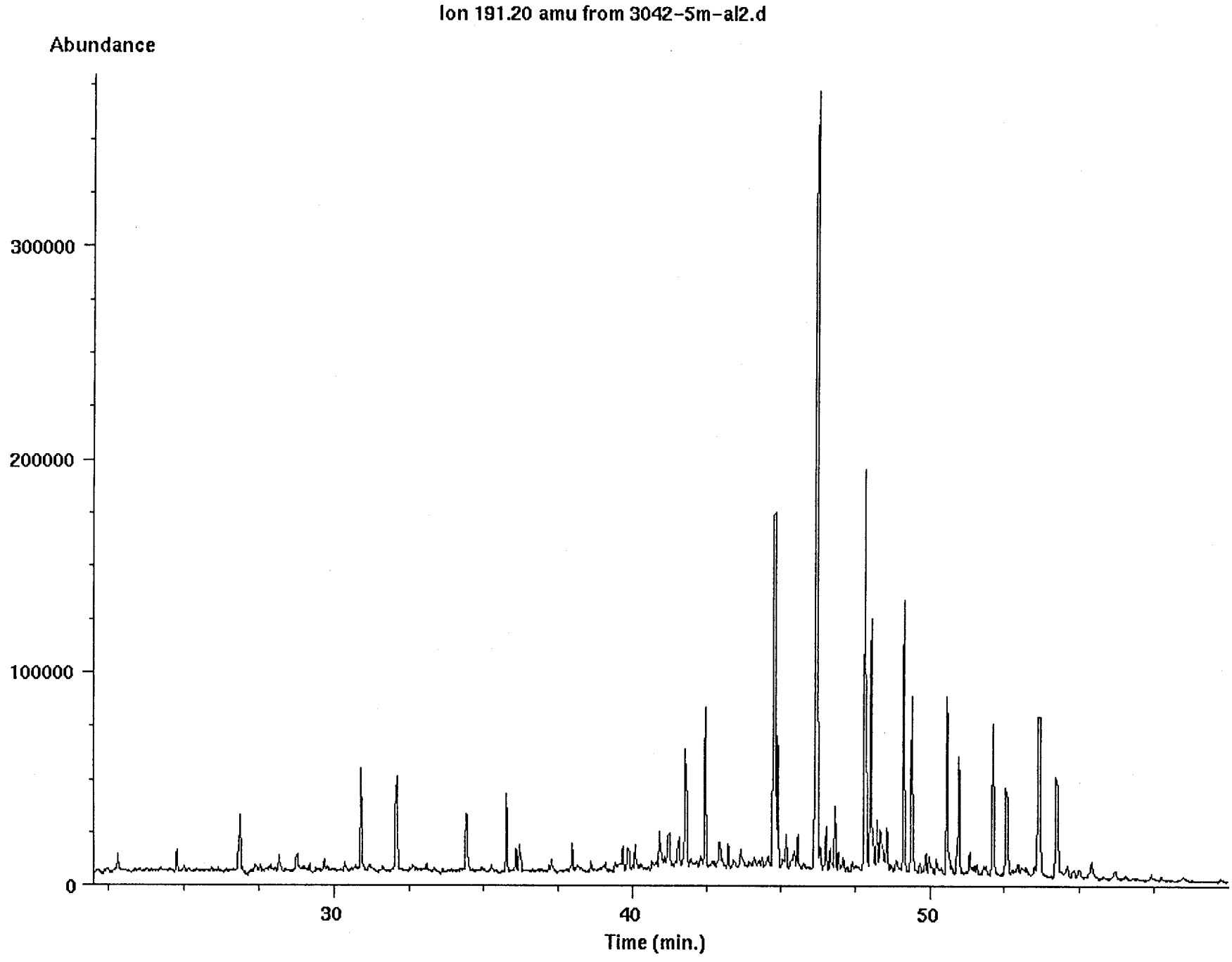
Name Info: Wessel 3042.5 al
Misc Info:
Operator : PN

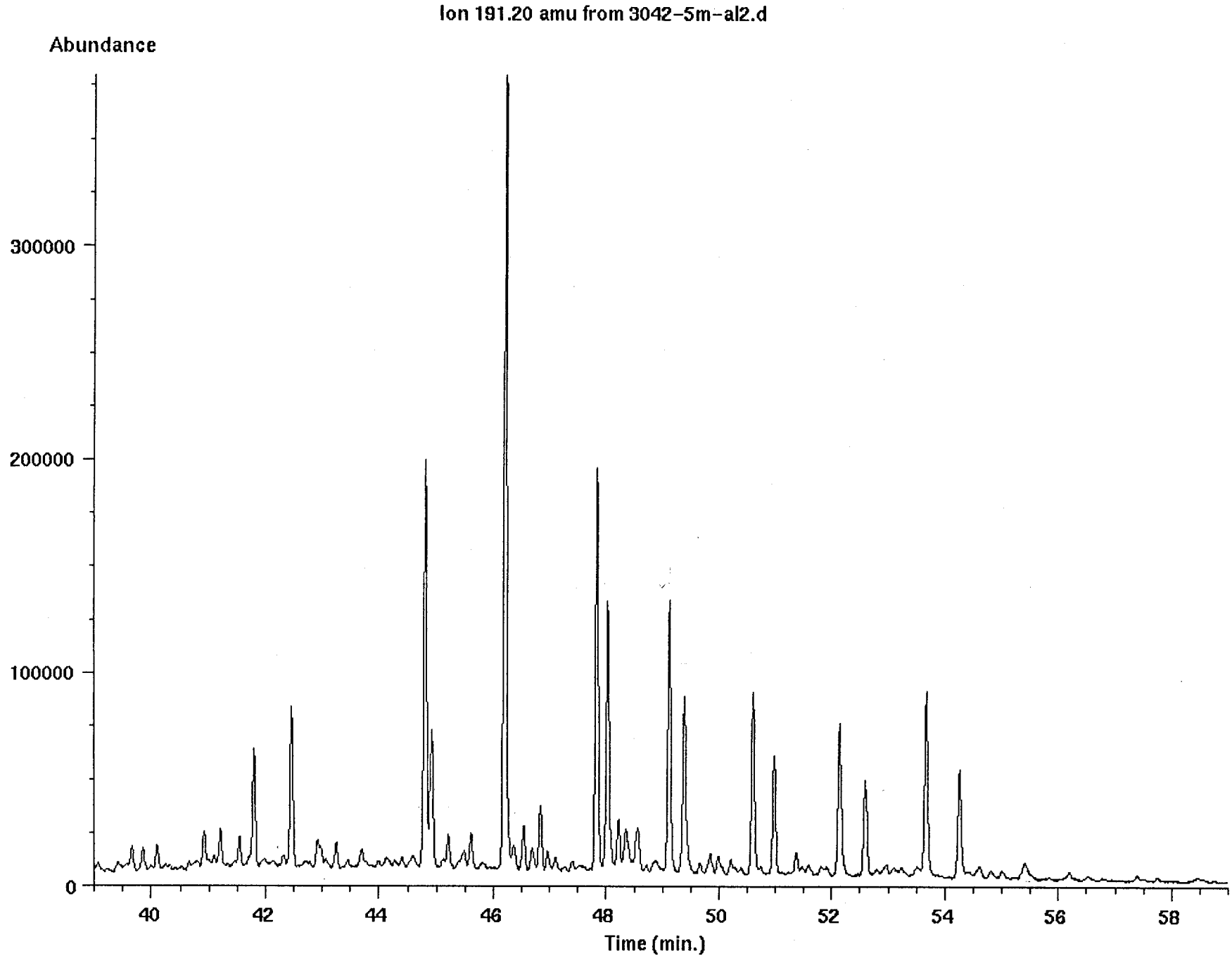
Date : Tue Nov 25 97 07:21:23 PM
Instrment: HP5971
Inlet : GC

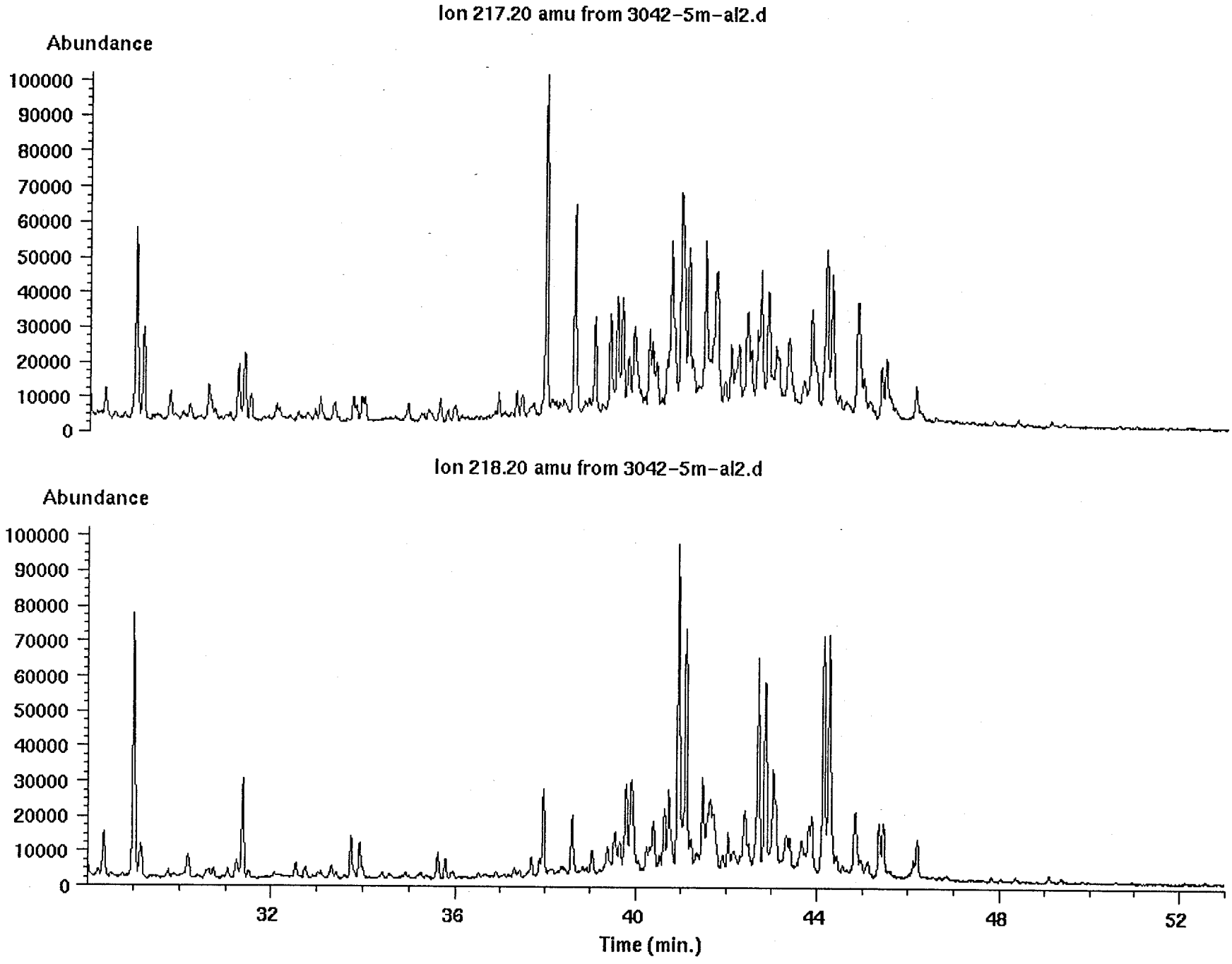
Sequence index : 0
Als bottle num : 0
Replicate num : 1

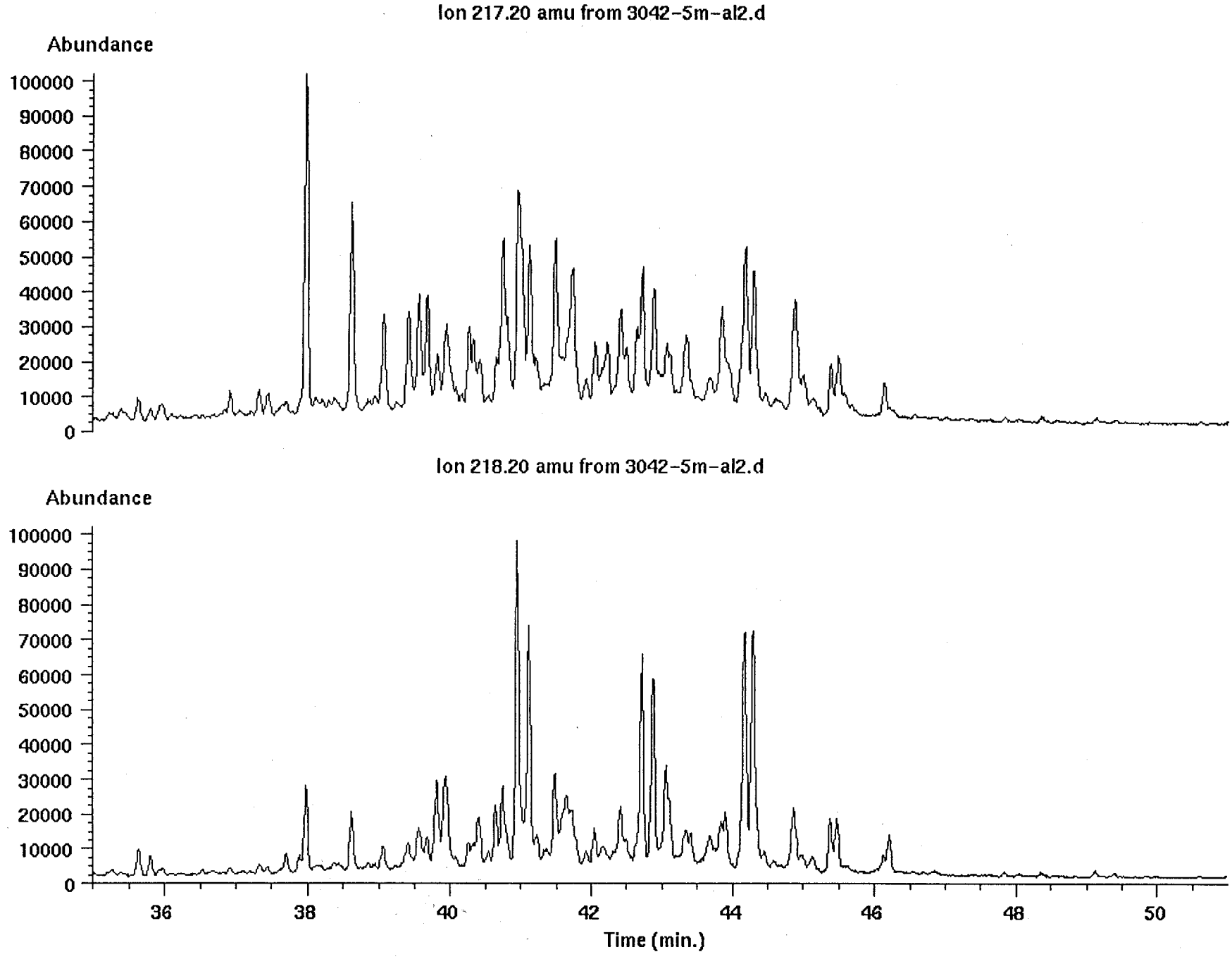

TIC of 3042-5m-al2.d
Abundance
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

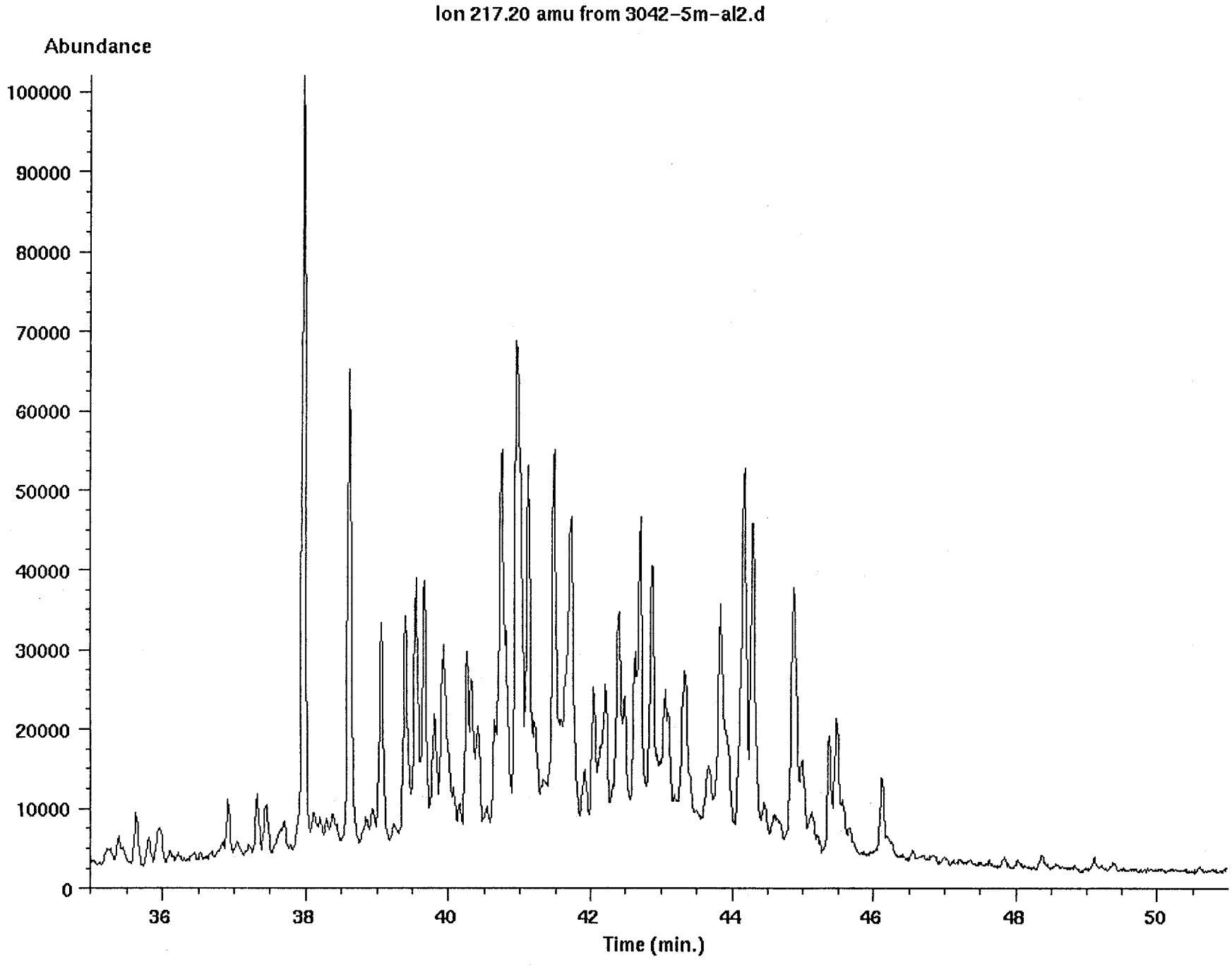

Ion 71.20 amu from 3042-5m-al2.d
Abundance
3000000
2000000
1000000
0
10
20
30
40
50
Time (min.)

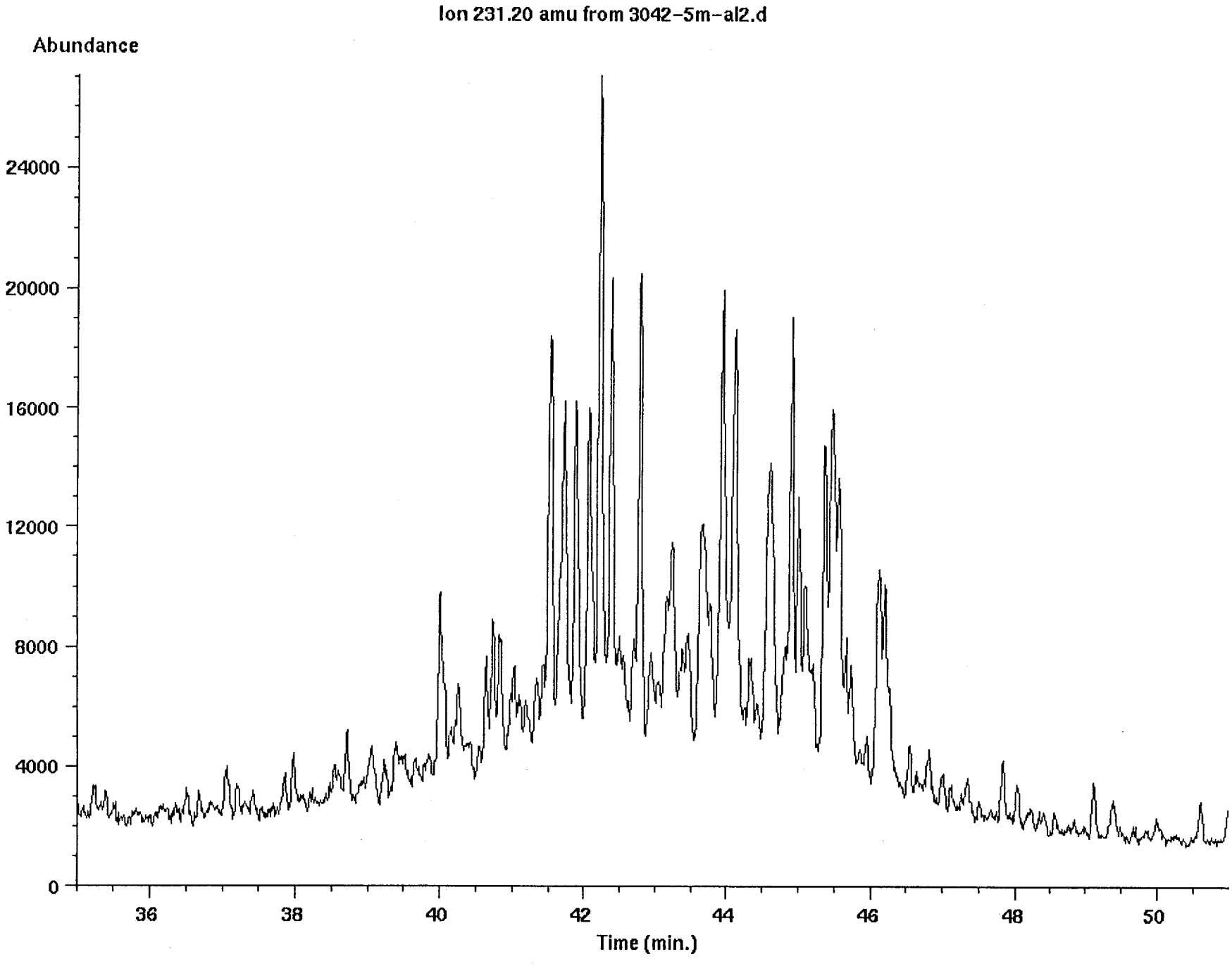

Ion 191.20 amu from 3042-5m-al2.d
Abundance
300000
200000
100000
0
30
40
50
Time (min.)

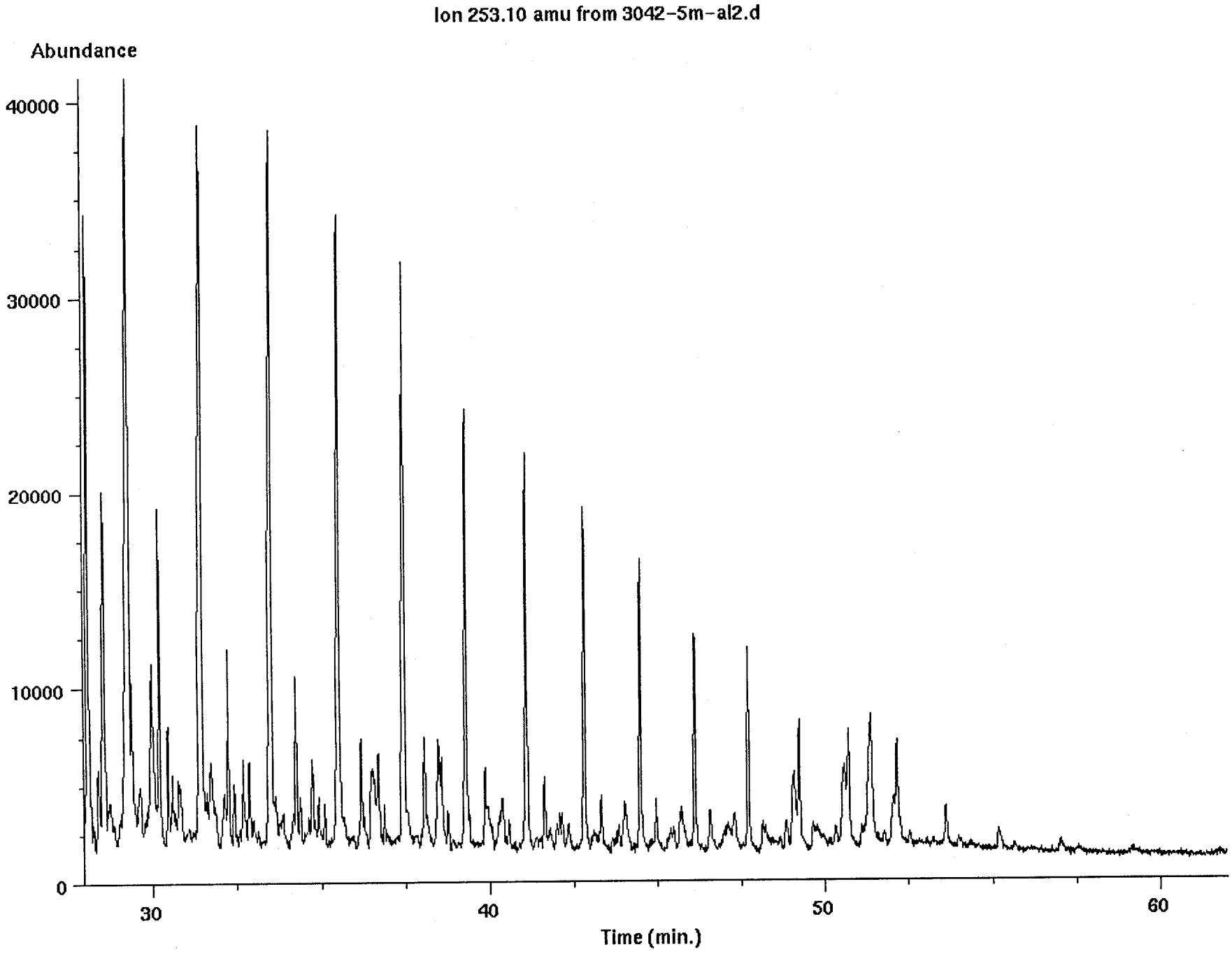

Ion 191.20 amu from 3042-5m-al2.d
Abundance
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

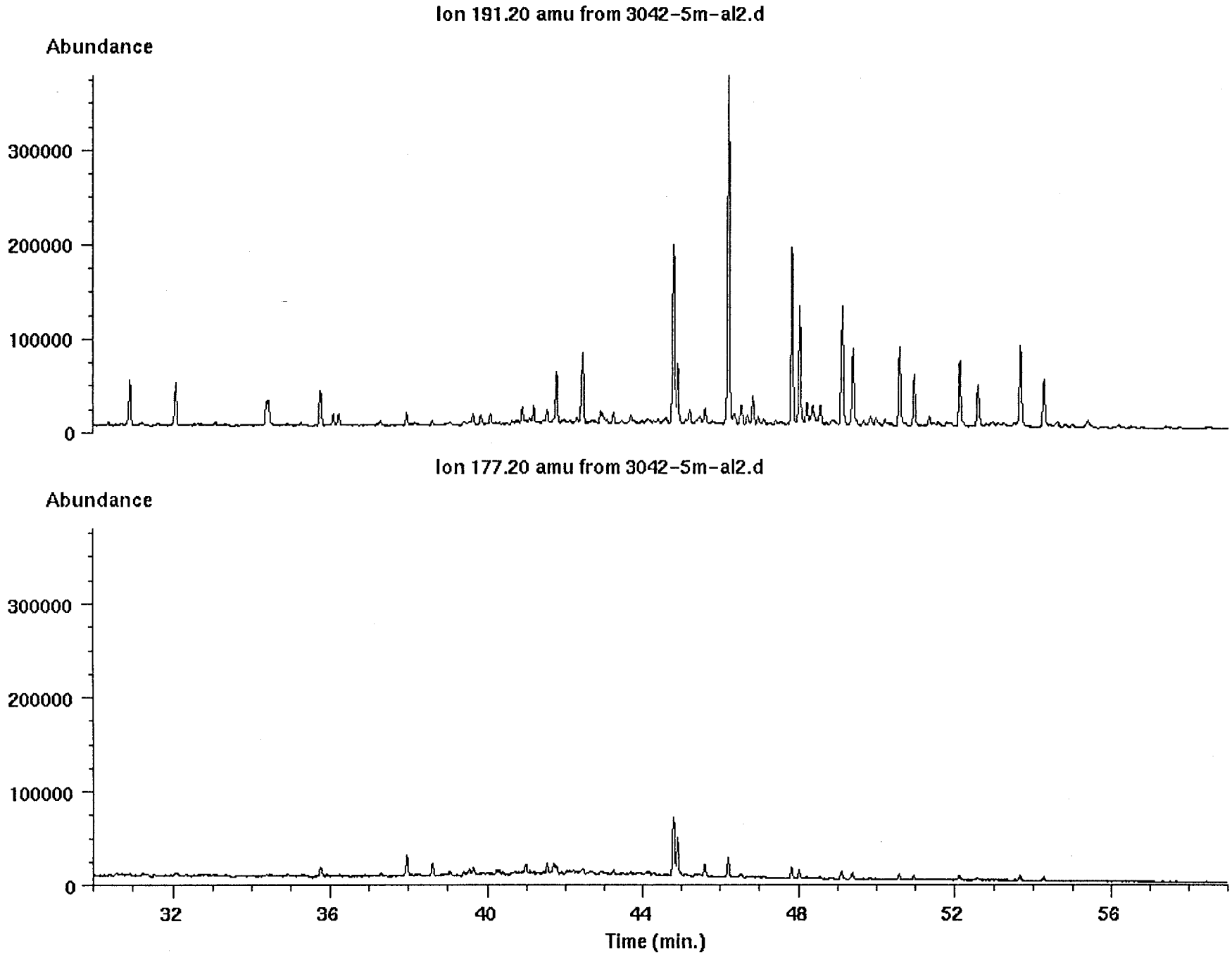

Ion 217.20 amu from 3042-5m-al2.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3042-5m-al2.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3042-5m-al2.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3042-5m-al2.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3042-5m-al2.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3042-5m-al2.d
Abundance
24000
20000
16000
12000
8000
4000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3042-5m-al2.d
Abundance
40000
30000
20000
10000
0
30
40
50
60
Time (min.)


Ion 191.20 amu from 3042-5m-al2.d
Abundance
300000
200000
100000
0
Ion 177.20 amu from 3042-5m-al2.d
Abundance
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

9703c

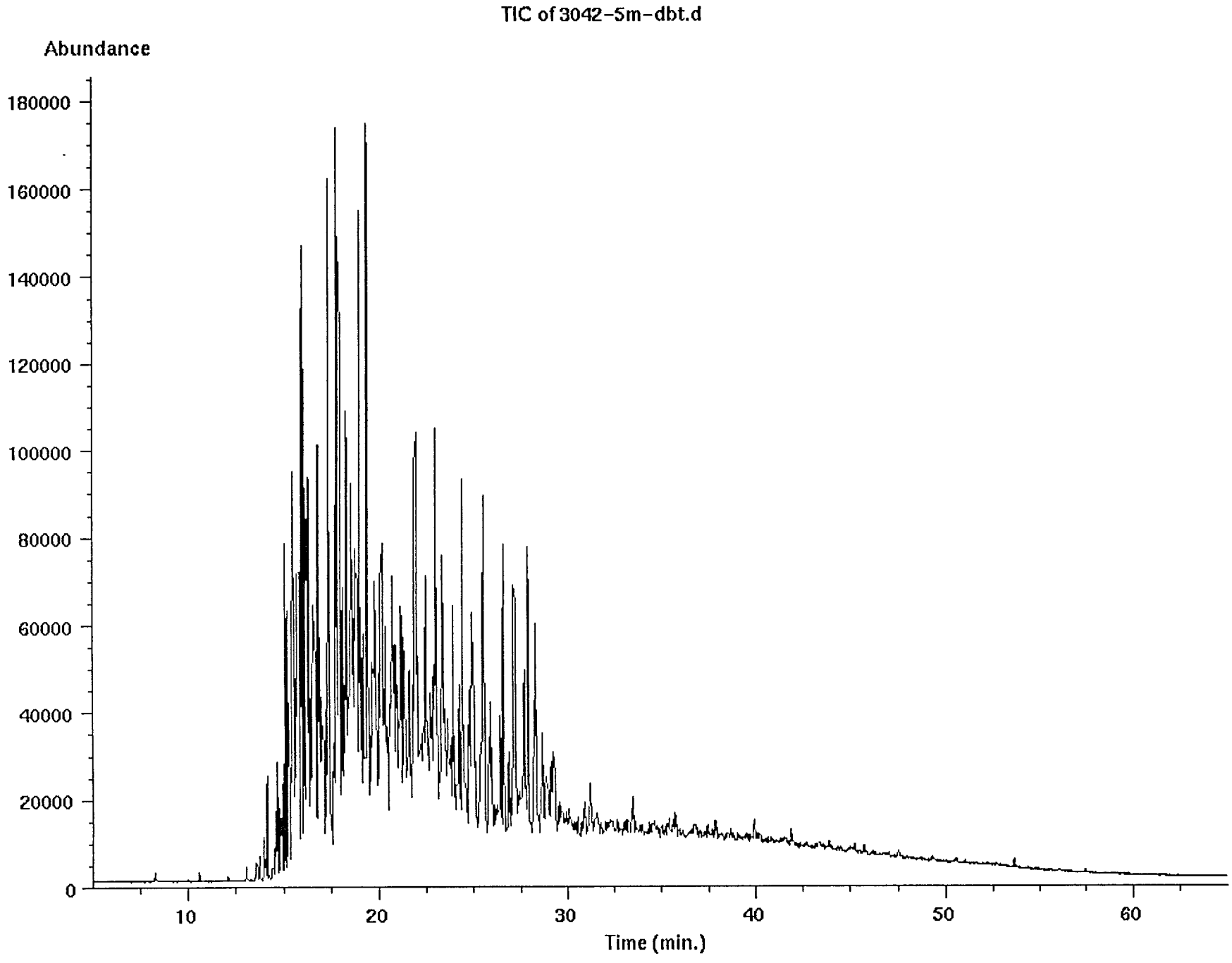
02

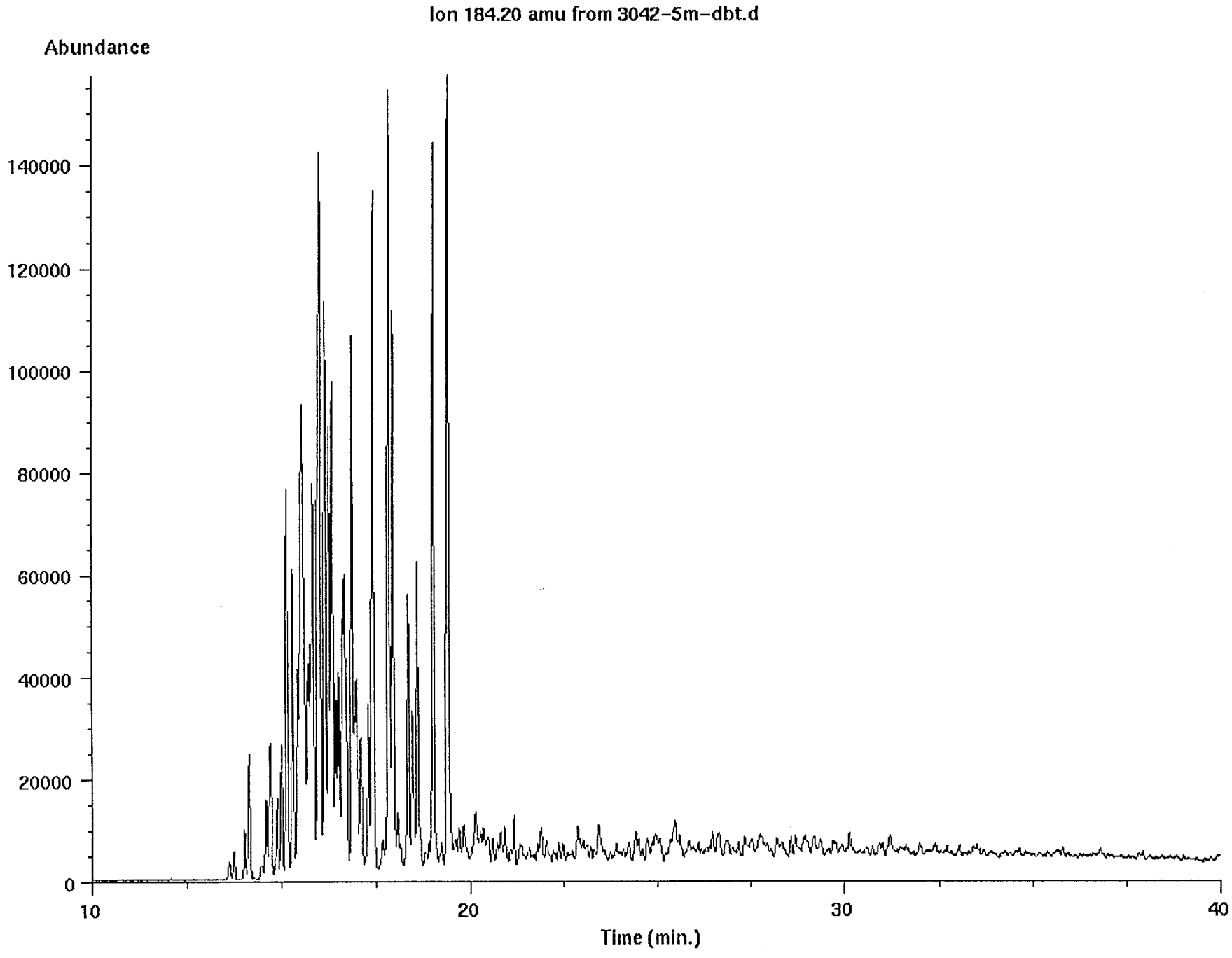
Data file: /chem/data2/chem/hp/Wessel/3042-5m-dbt.d
File type: GC / MS DATA FILE

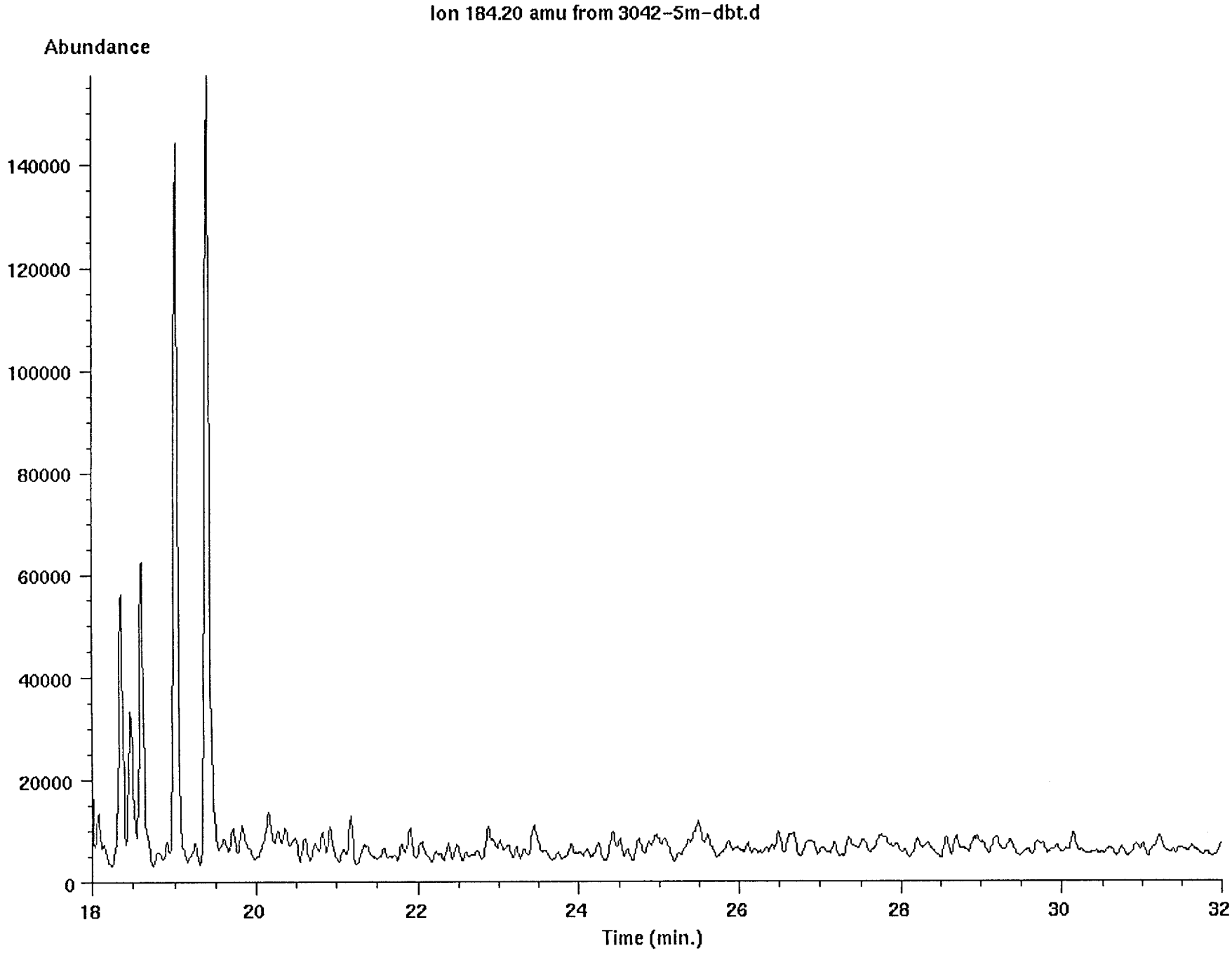
Name Info: Wessel 3042.5 ar
Misc Info:
Operator : PN

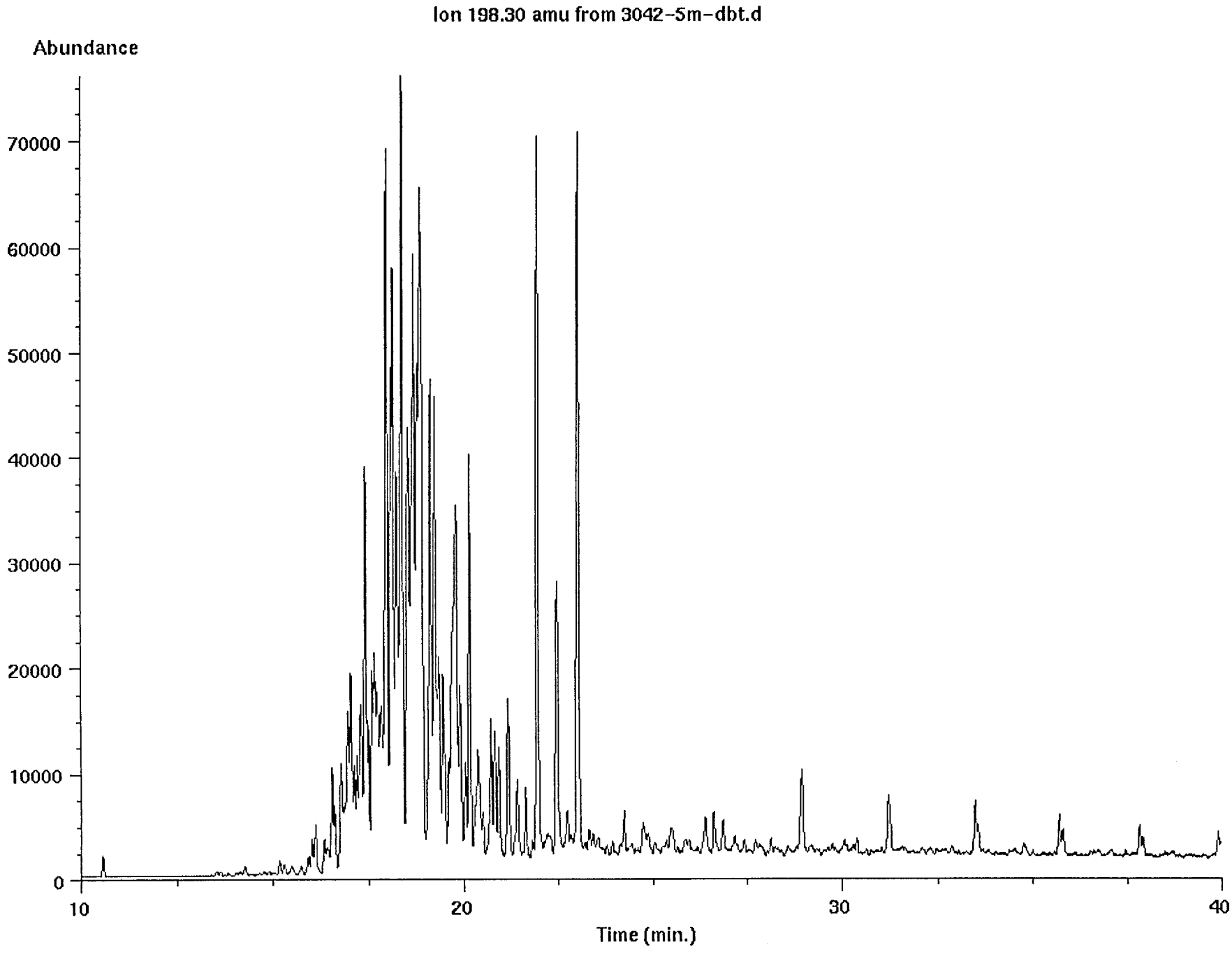
Date : Tue Jan 13 98 10:46:42 PM
Instrment: HP5971
Inlet : GC

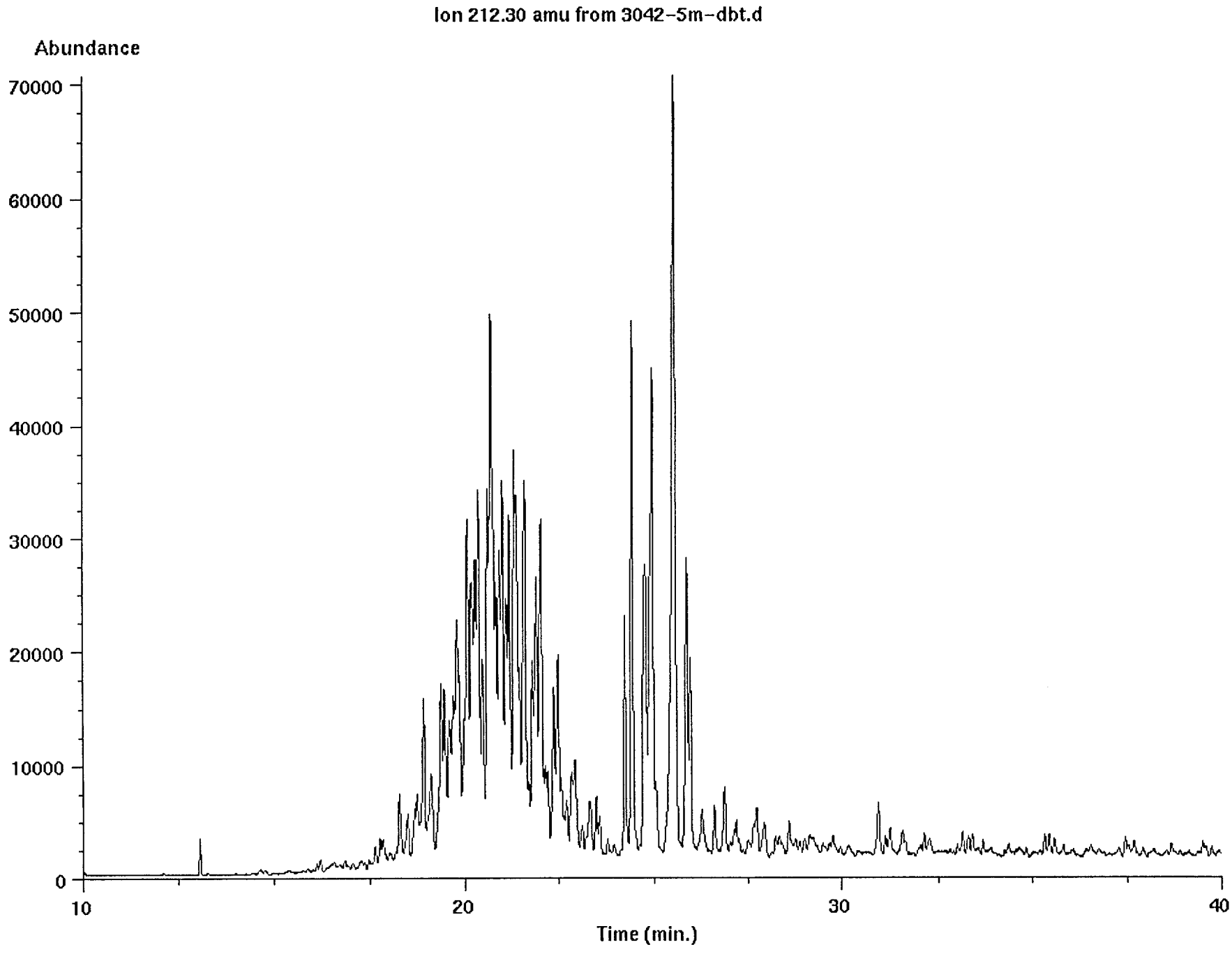
Sequence index : 1
Als bottle num : 2
Replicate num : 1

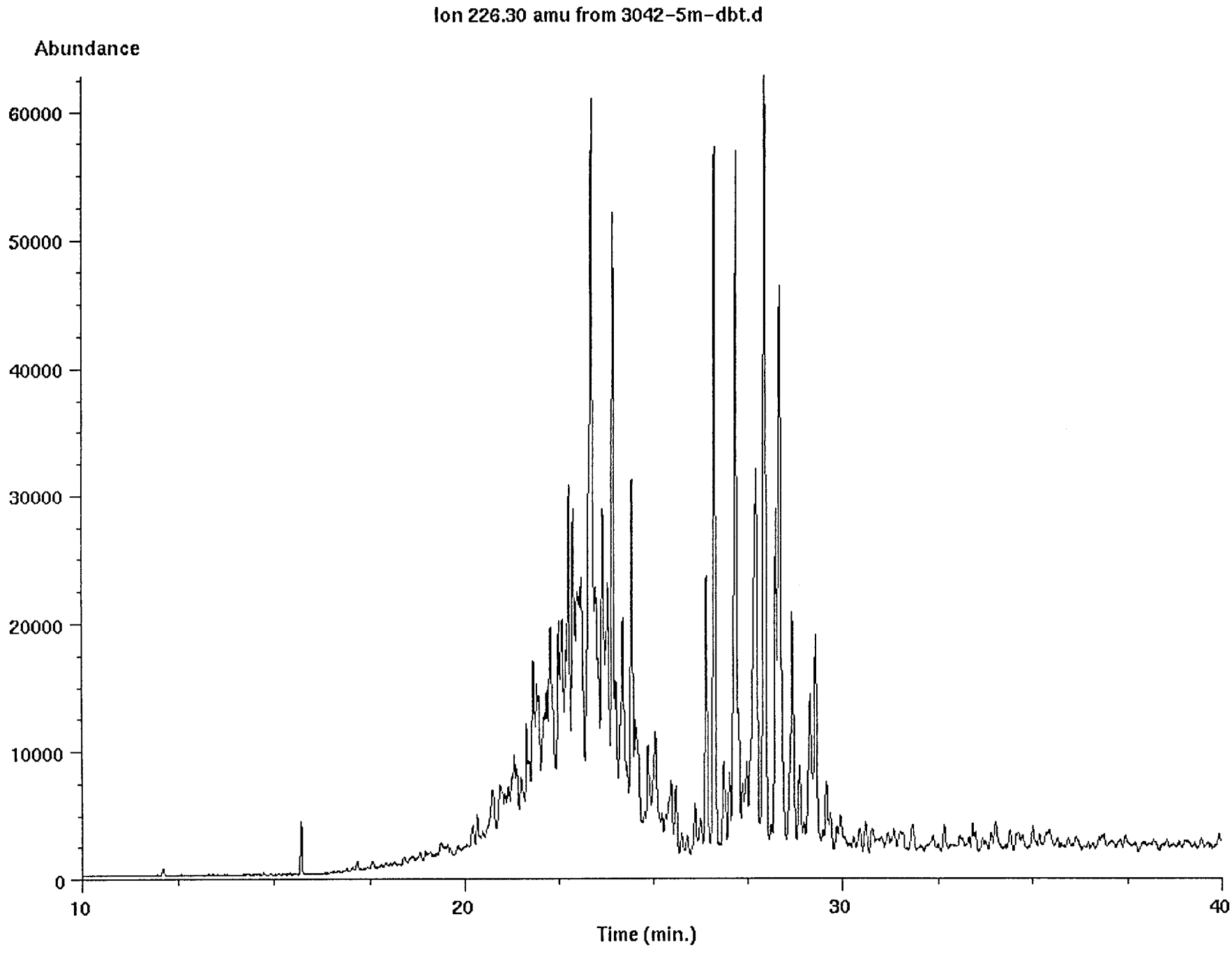

TIC of 3042-5m-dbt.d
Abundance
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
50
60
Time (min.)

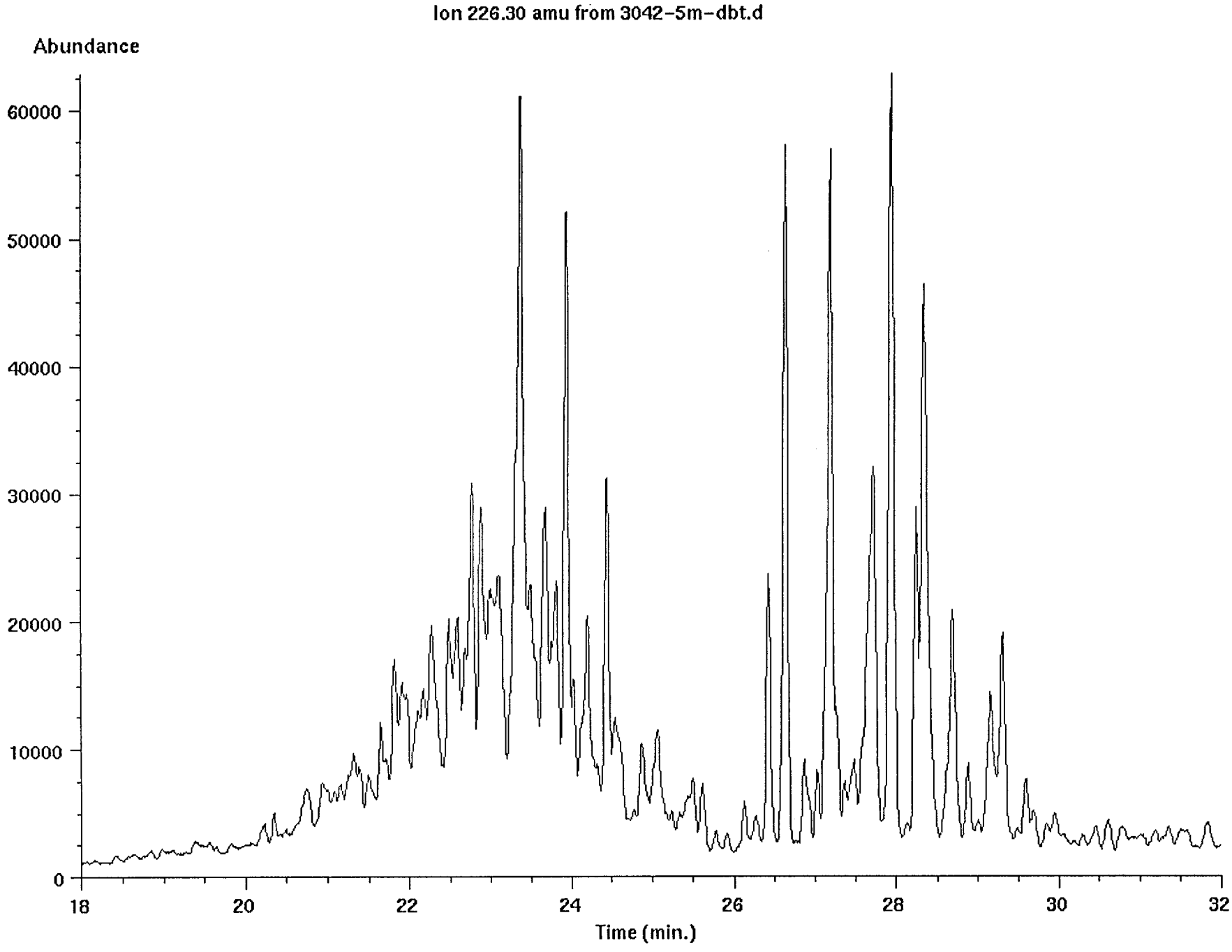

Ion 184.20 amu from 3042-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

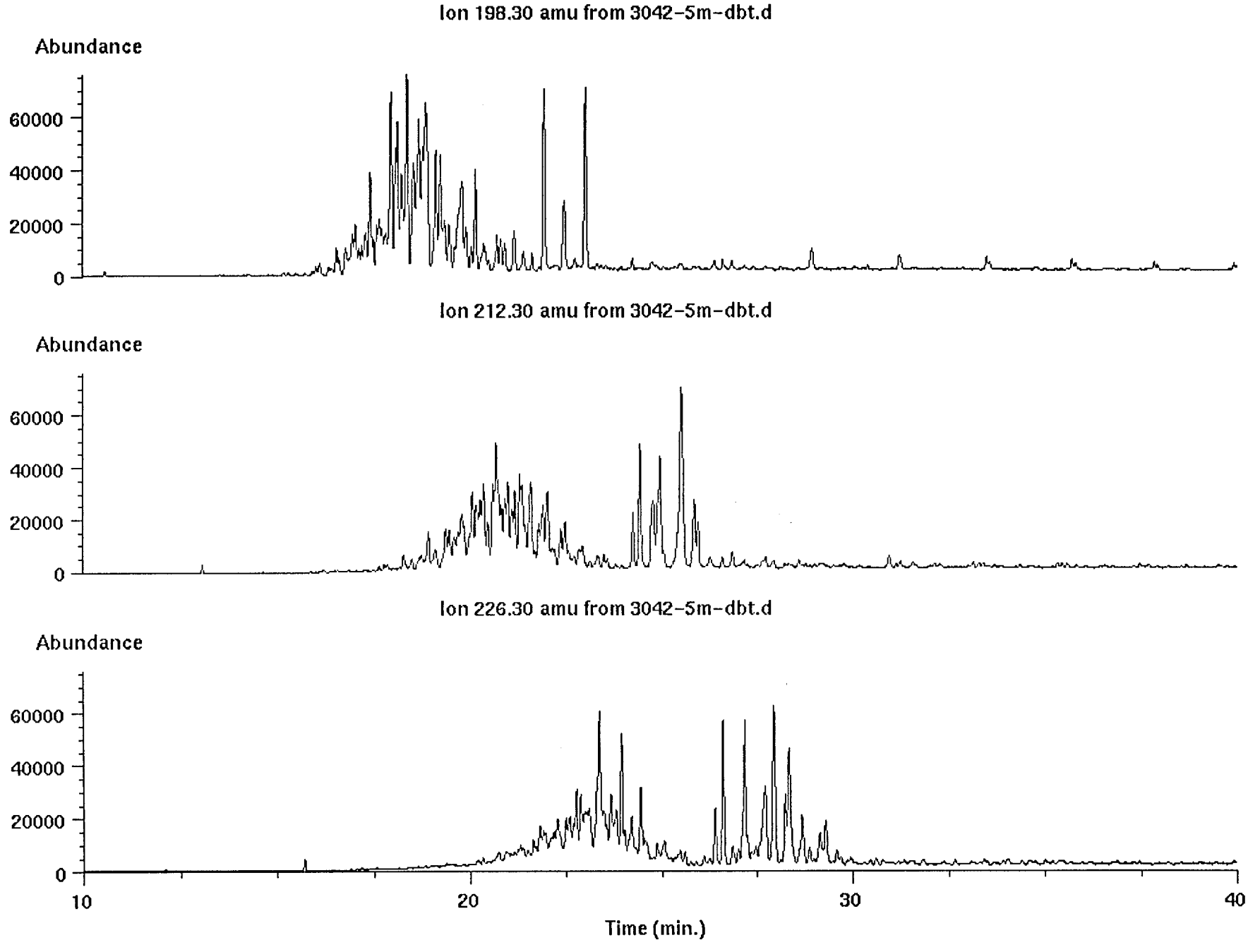

Ion 184.20 amu from 3042-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)

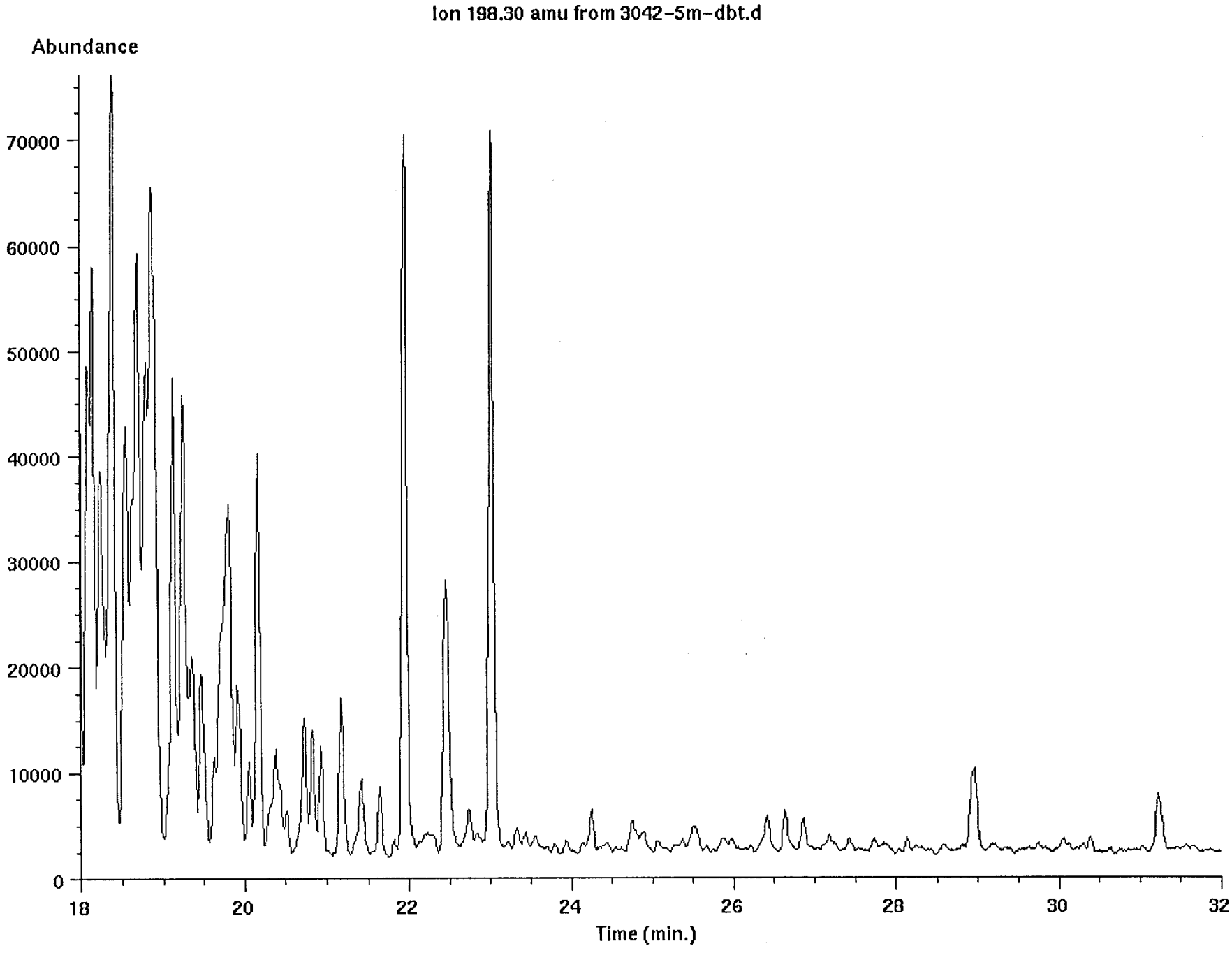

Ion 198.30 amu from 3042-5m-dbt.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

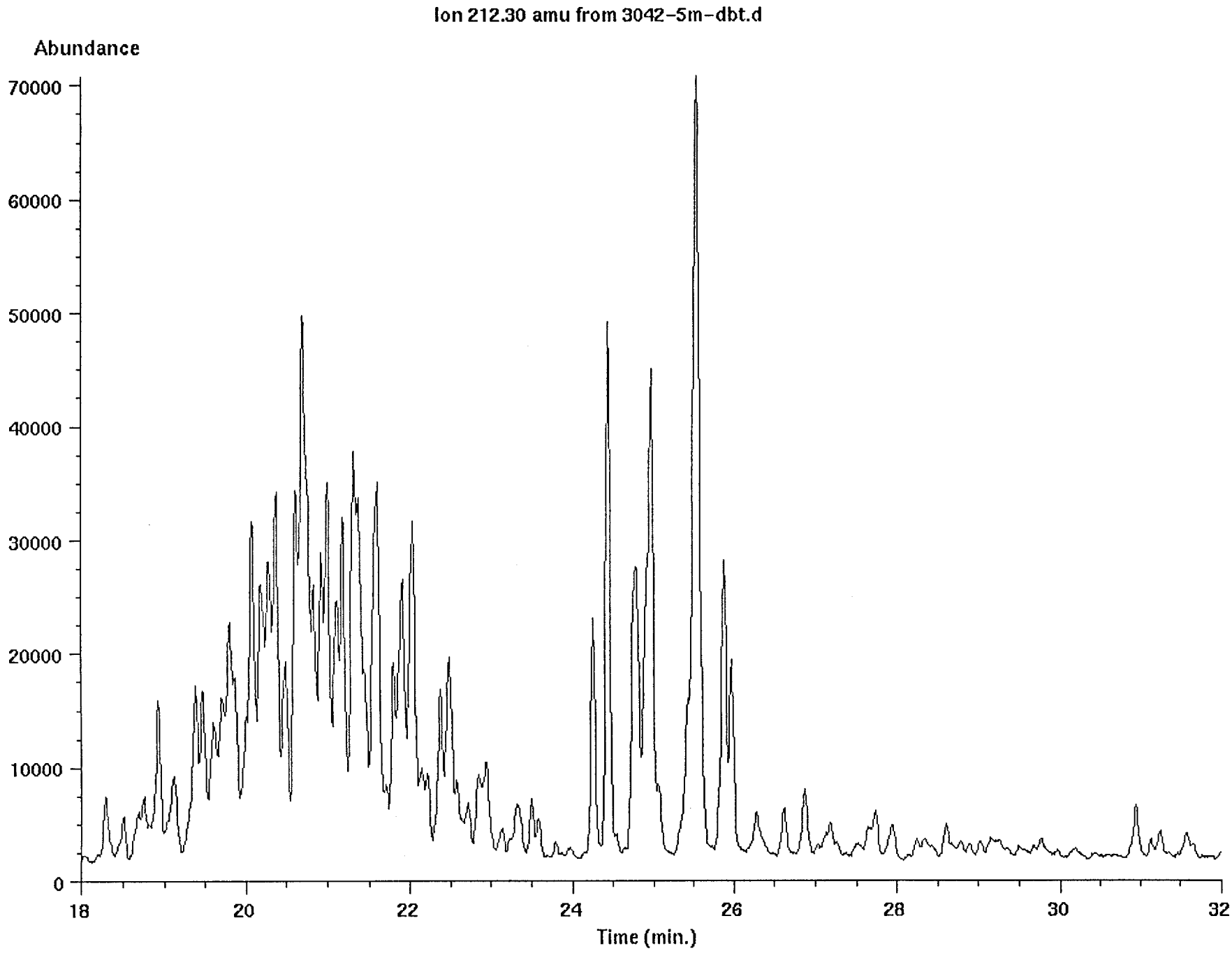

Ion 212.30 amu from 3042-5m-dbt.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

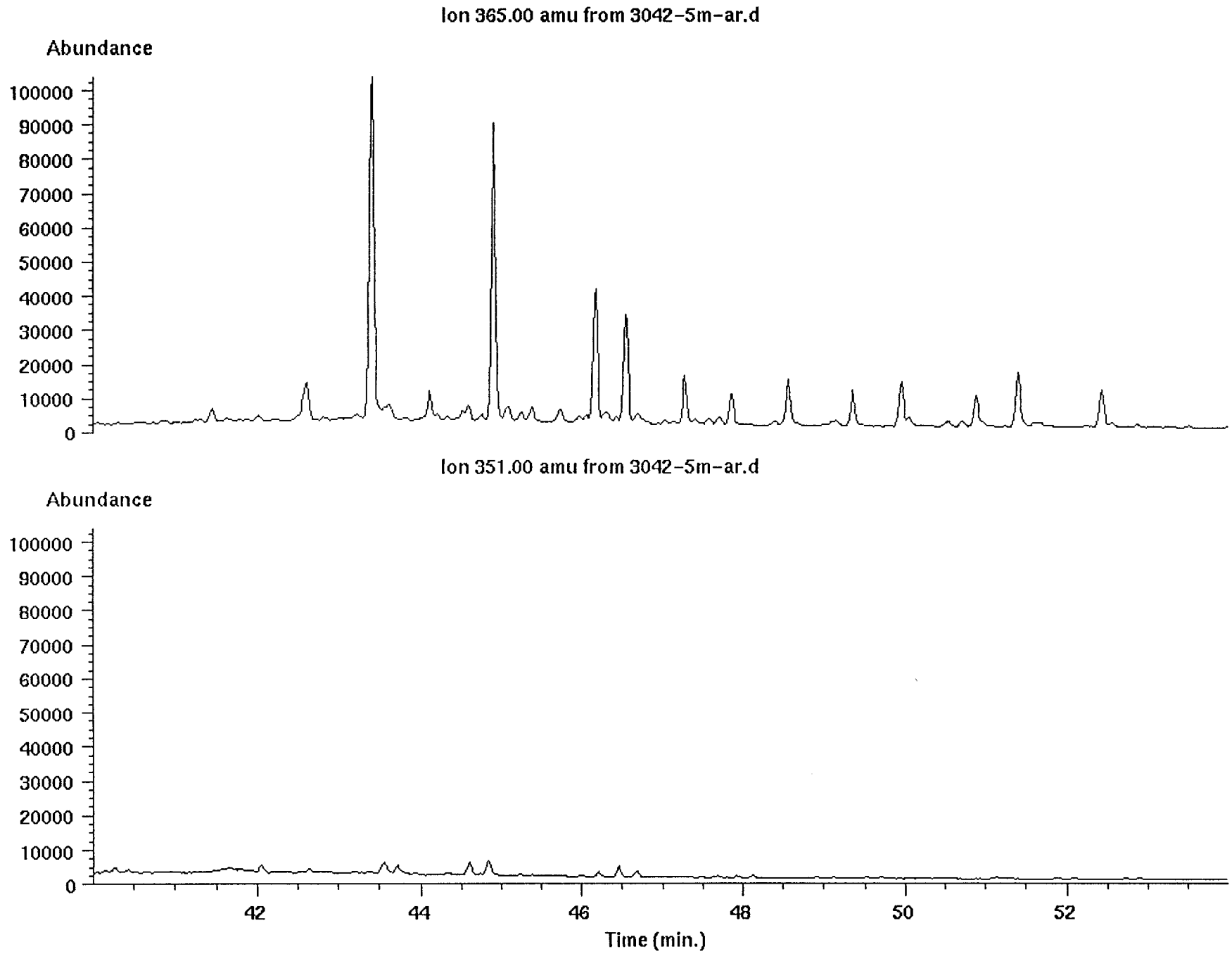

Ion 226.30 amu from 3042-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3042-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3042-5m-dbt.d
Abundance
60000
40000
20000
0
Ion 212.30 amu from 3042-5m-dbt.d
Abundance
60000
40000
20000
0
Ion 226.30 amu from 3042-5m-dbt.d
Abundance
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3042-5m-dbt.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3042-5m-dbt.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 365.00 amu from 3042-5m-ar.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Ion 351.00 amu from 3042-5m-ar.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
42
44
46
48
50
52
Time (min.)

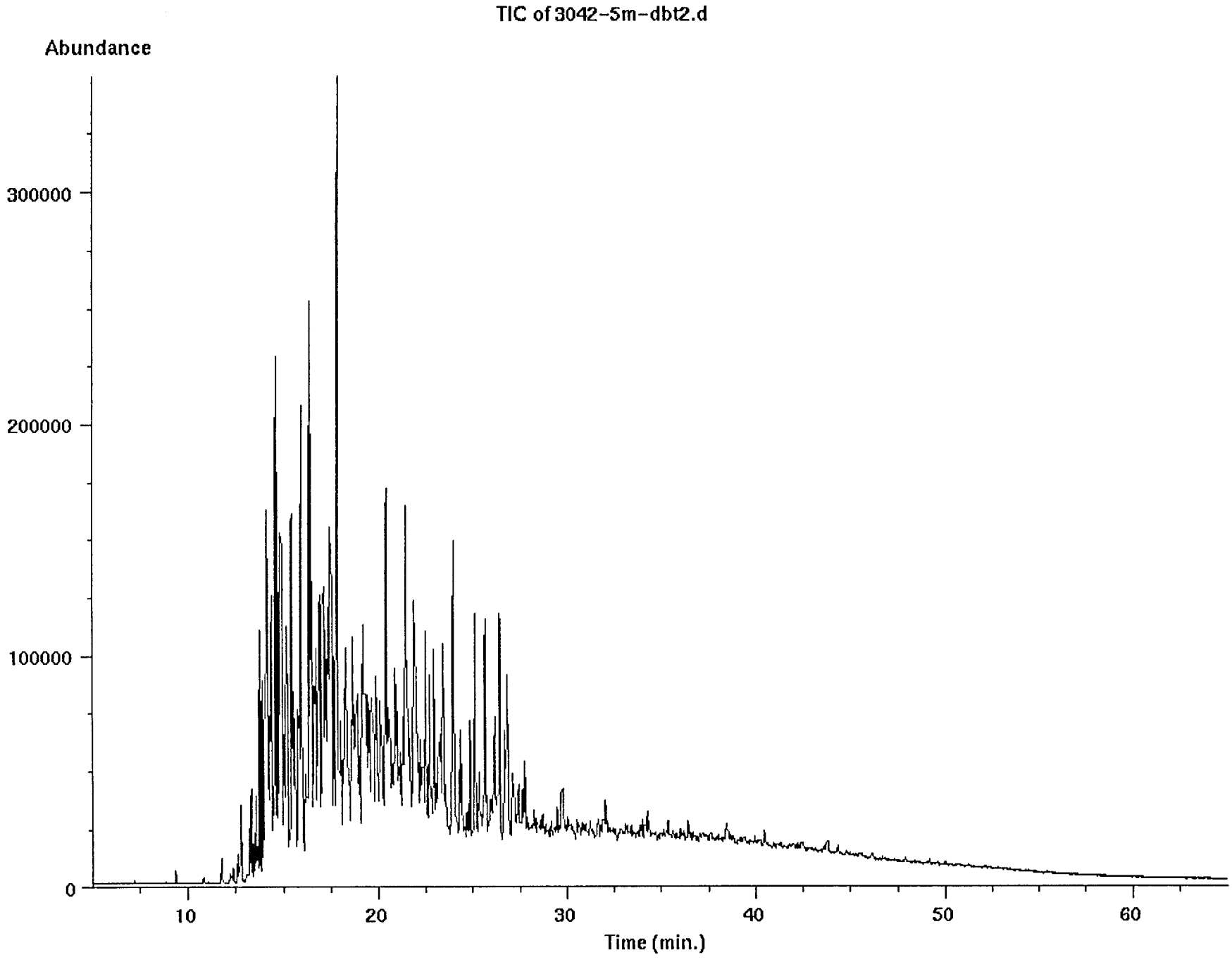
970936
02-2

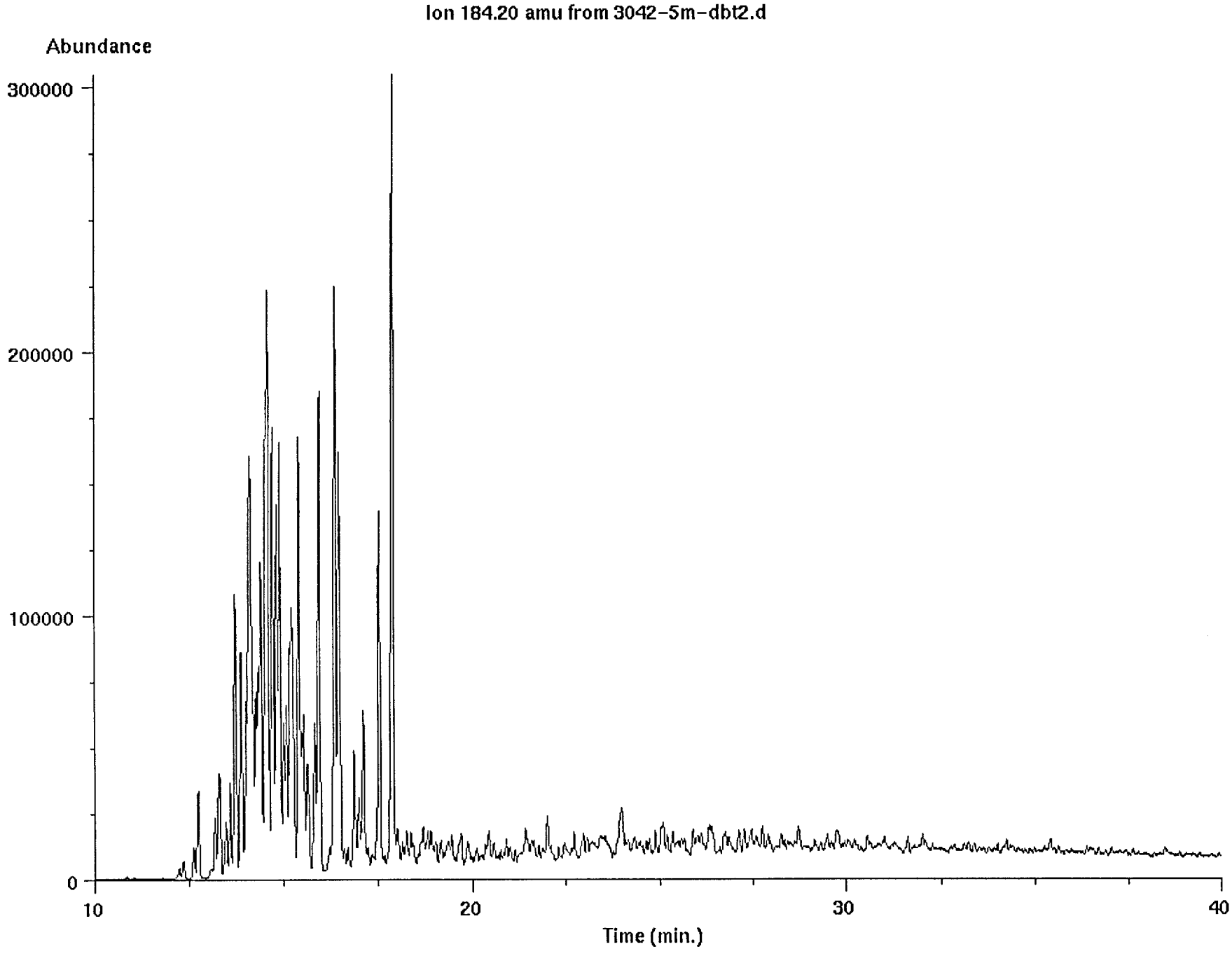
Data file: /chem/data2/chem/hp/Wessel/3042-5m-dbt2.d
File type: GC / MS DATA FILE

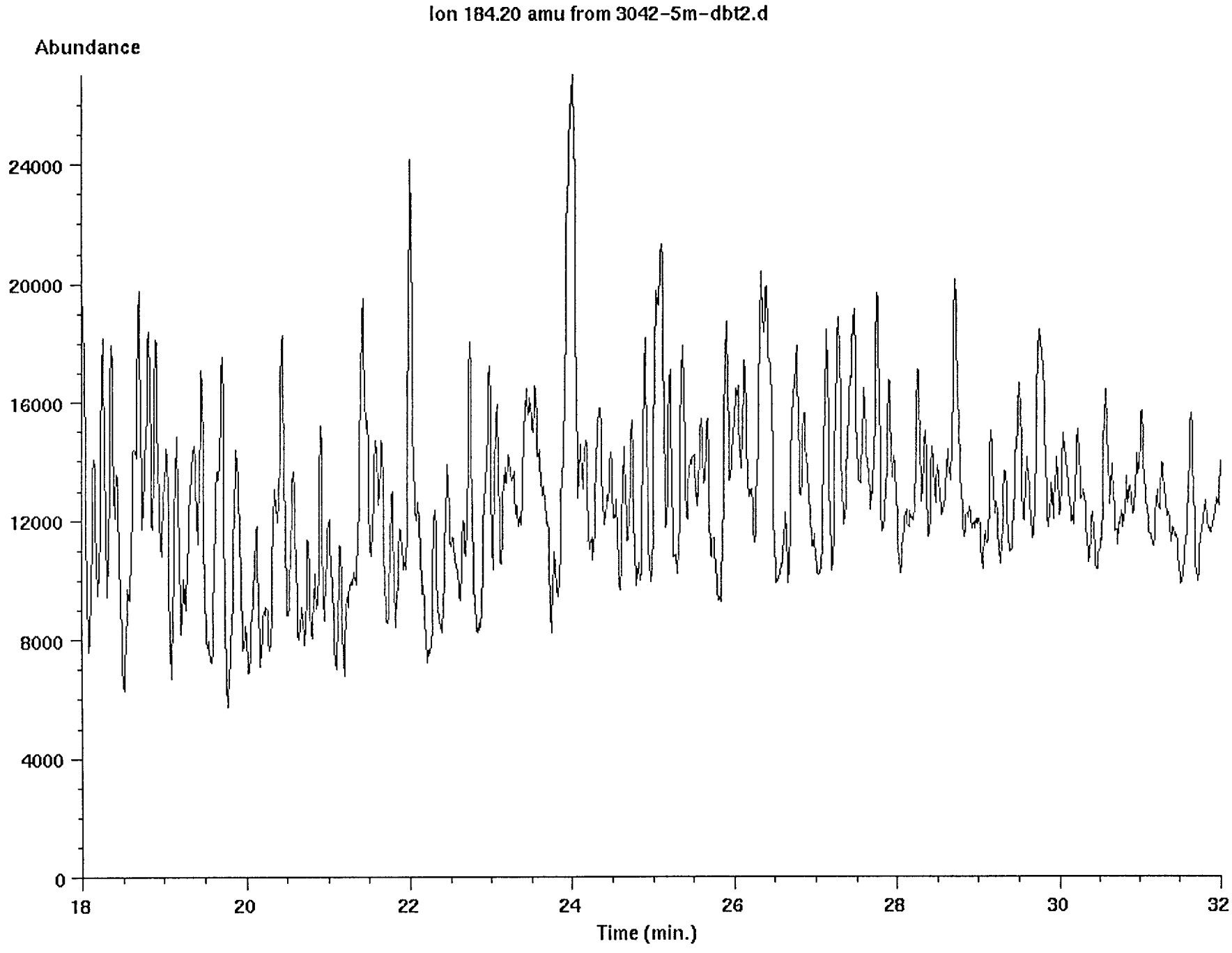
Name Info: Wessel 3042.5 ar
Misc Info:
Operator : PN

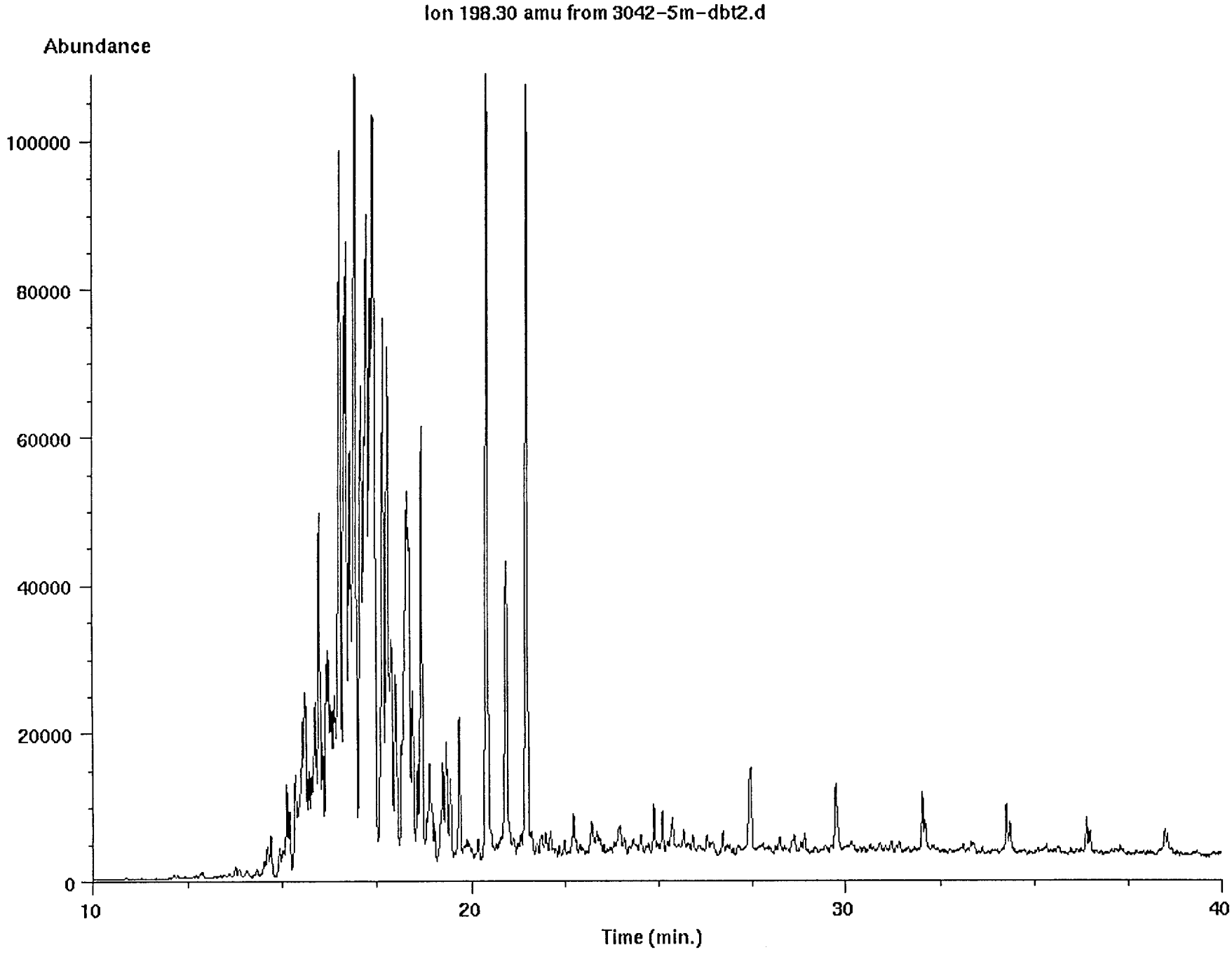
Date : Wed Nov 26 97 06:48:05 PM
Instrment: HP5971
Inlet : GC

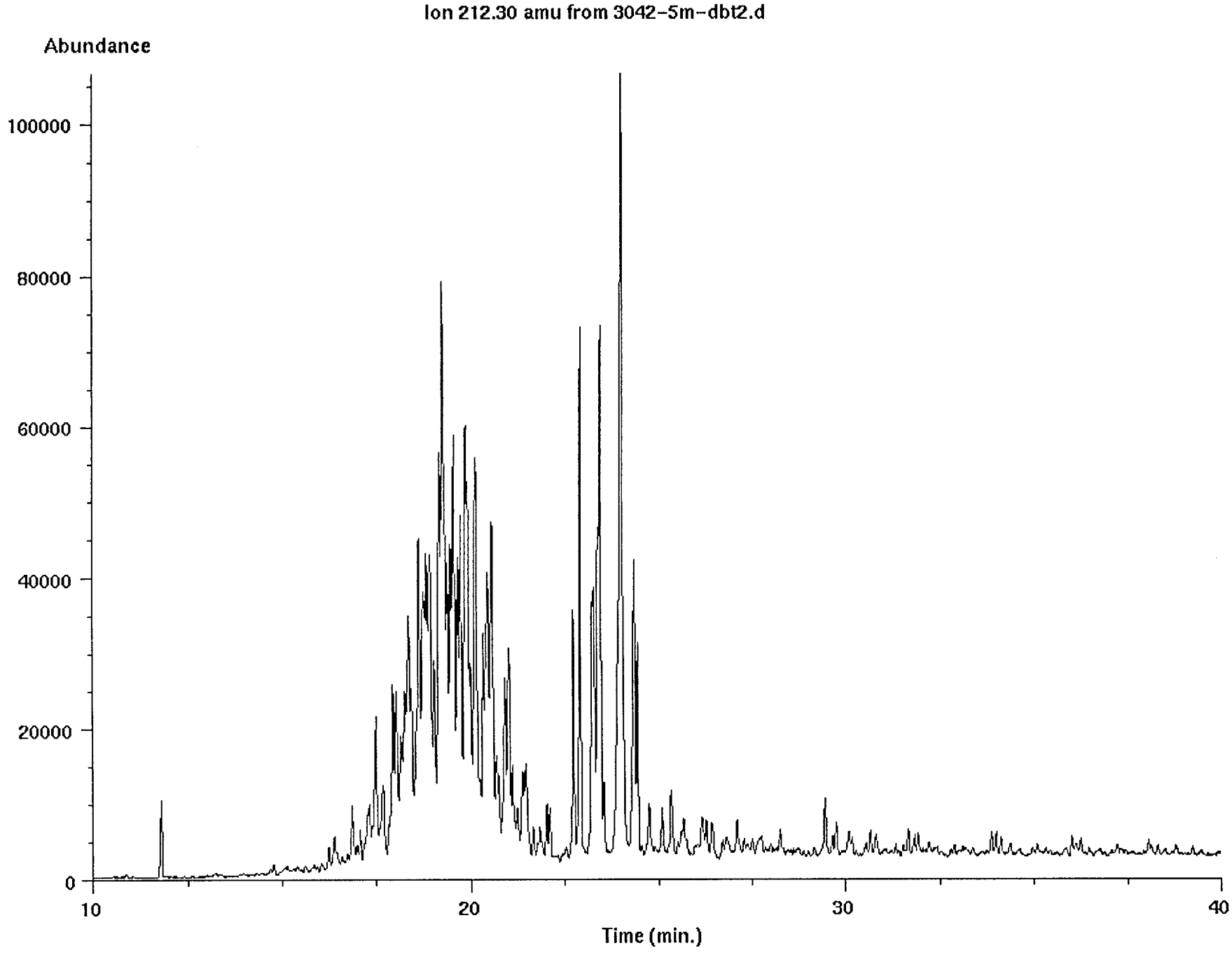
Sequence index : 1
Als bottle num : 2
Replicate num : 1

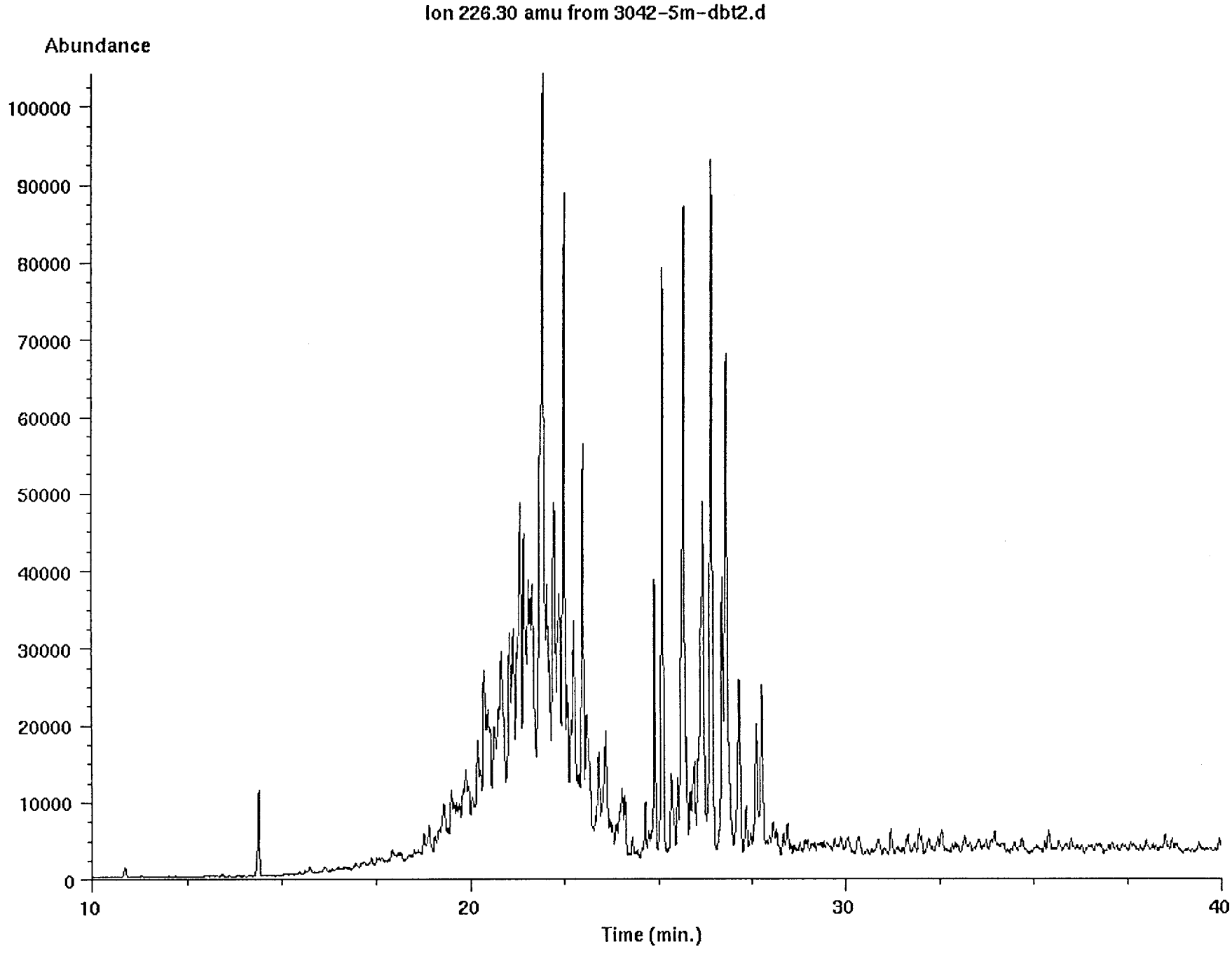

TIC of 3042-5m-dbt2.d
Abundance
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

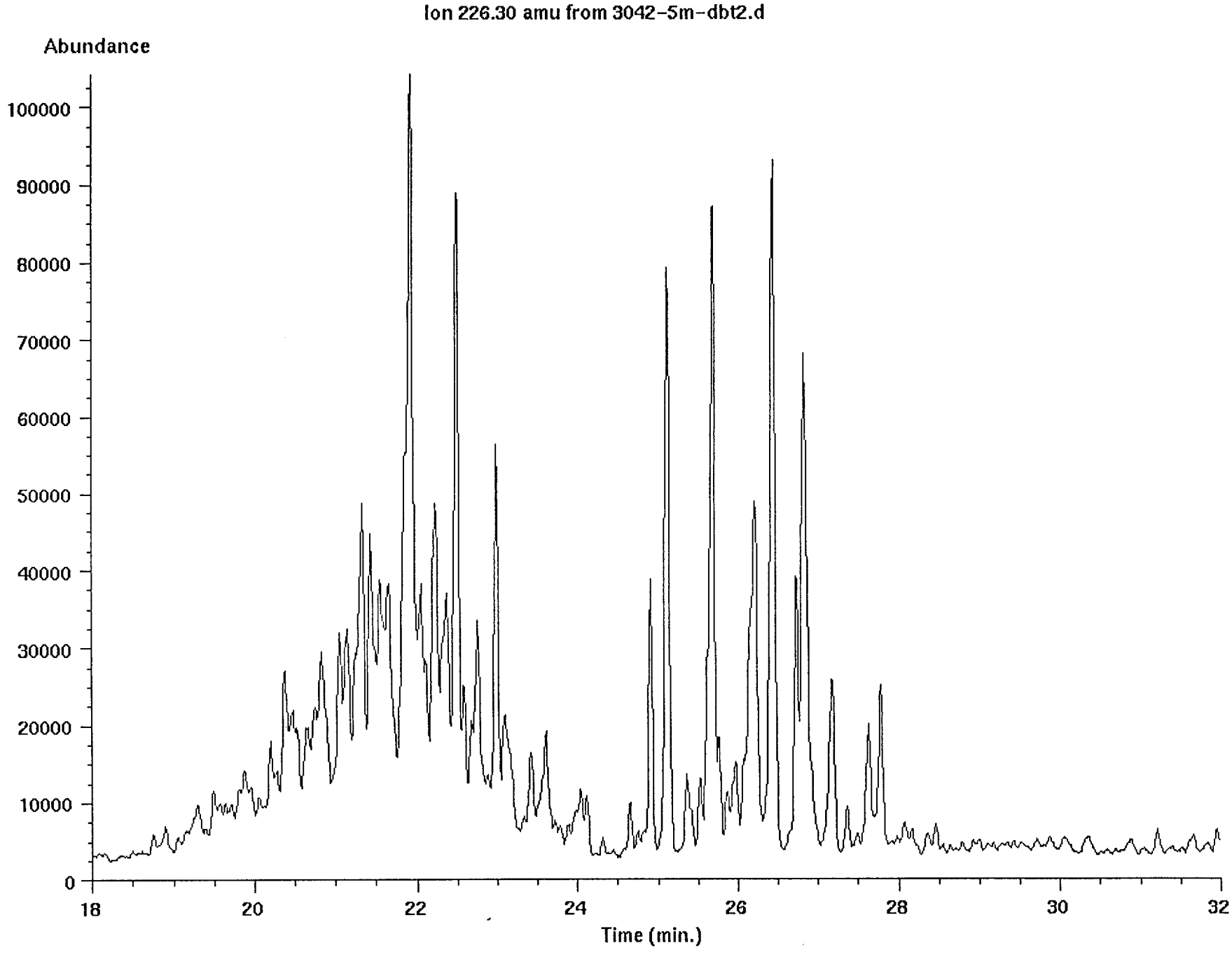

Ion 184.20 amu from 3042-5m-dbt2.d
Abundance
300000
200000
100000
0
10
20
30
40
Time (min.)

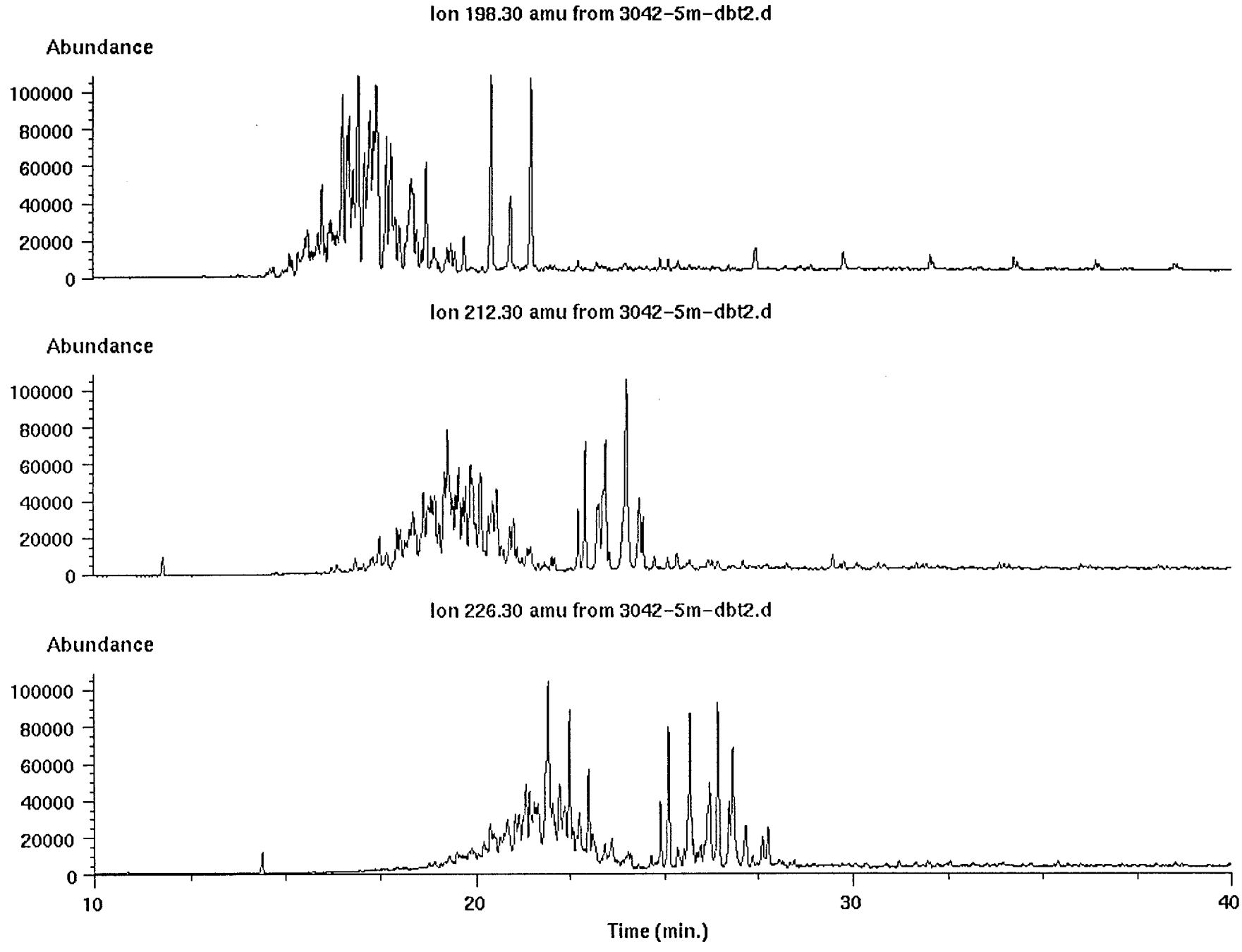

Ion 184.20 amu from 3042-5m-dbt2.d
Abundance
24000
20000
16000
12000
8000
4000
0
18
20
22
24
26
28
30
32
Time (min.)

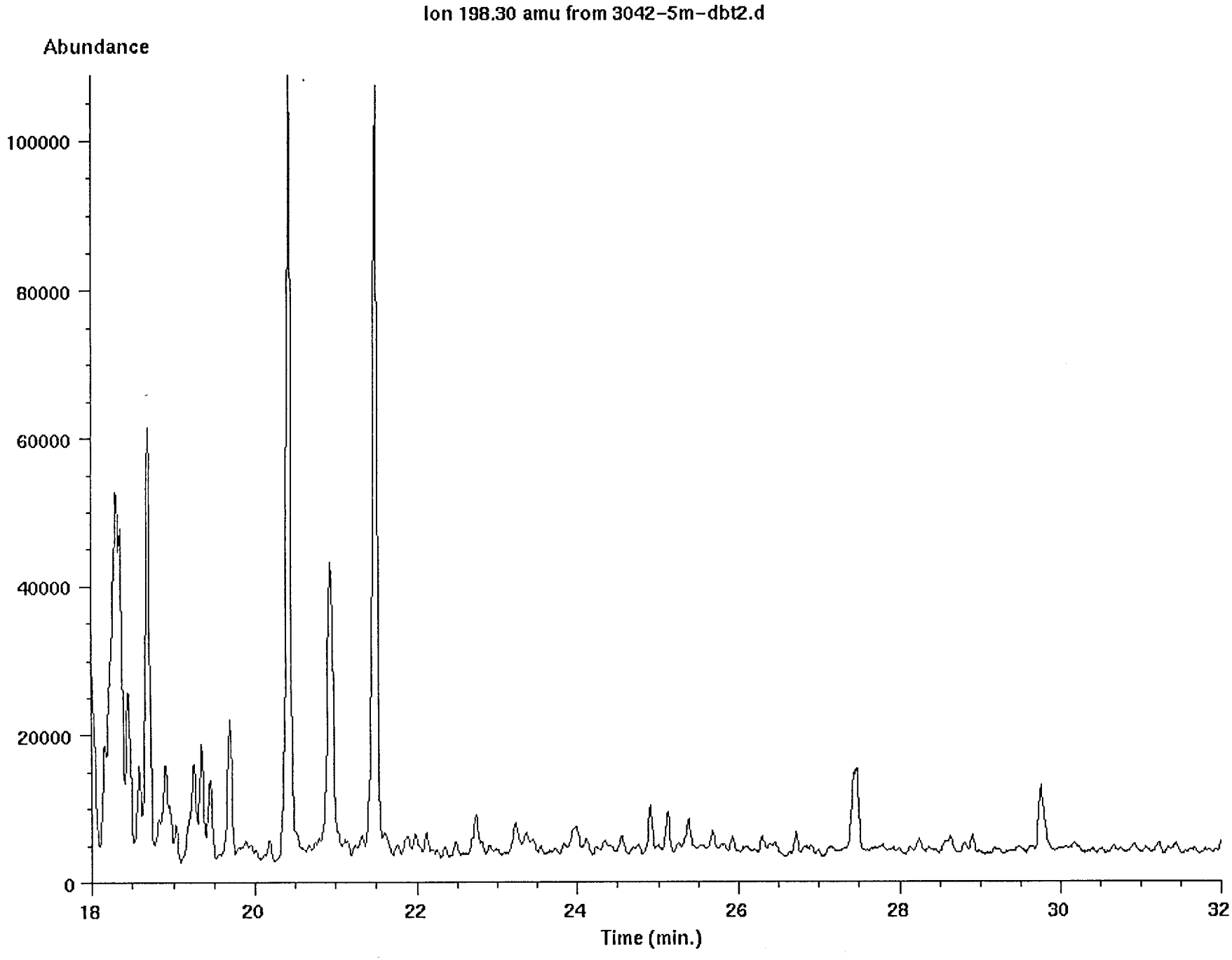

Ion 198.30 amu from 3042-5m-dbt2.d
Abundance
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

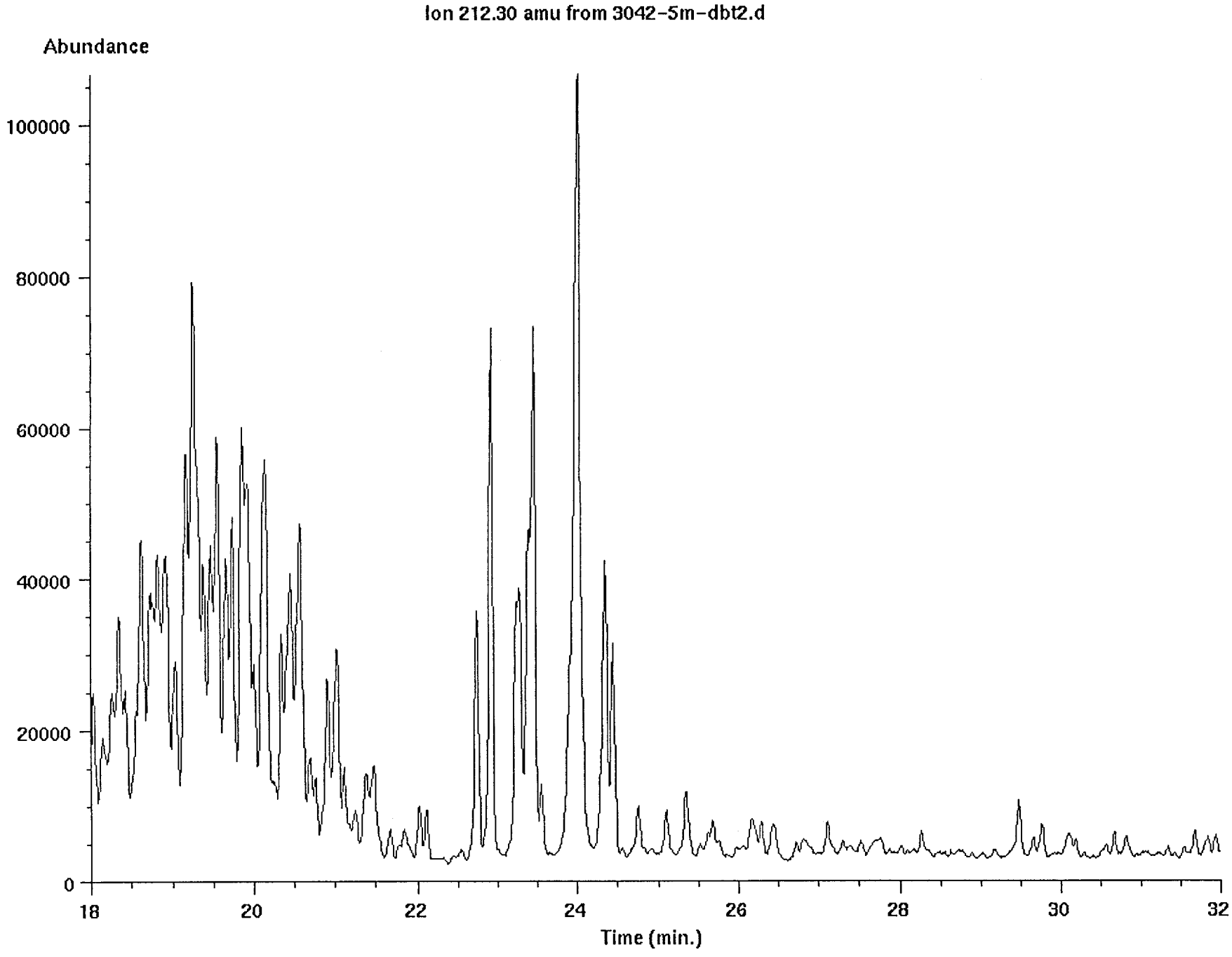

Ion 212.30 amu from 3042-5m-dbt2.d
Abundance
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

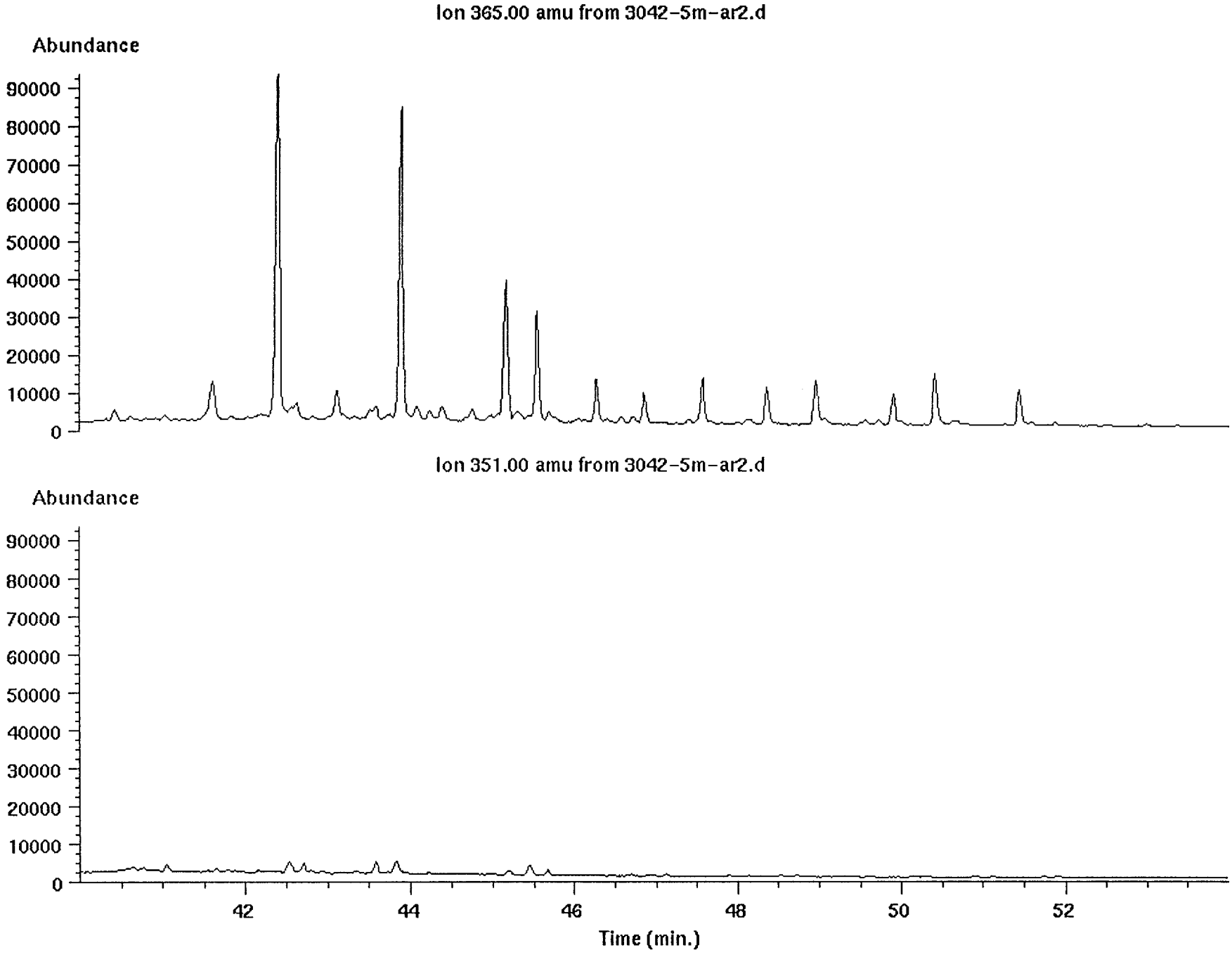

Ion 226.30 amu from 3042-5m-dbt2.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3042-5m-dbt2.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3042-5m-dbt2.d
Abundance
100000
80000
60000
40000
20000
0
Ion 212.30 amu from 3042-5m-dbt2.d
Abundance
100000
80000
60000
40000
20000
0
Ion 226.30 amu from 3042-5m-dbt2.d
Abundance
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3042-5m-dbt2.d
Abundance
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3042-5m-dbt2.d
Abundance
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)

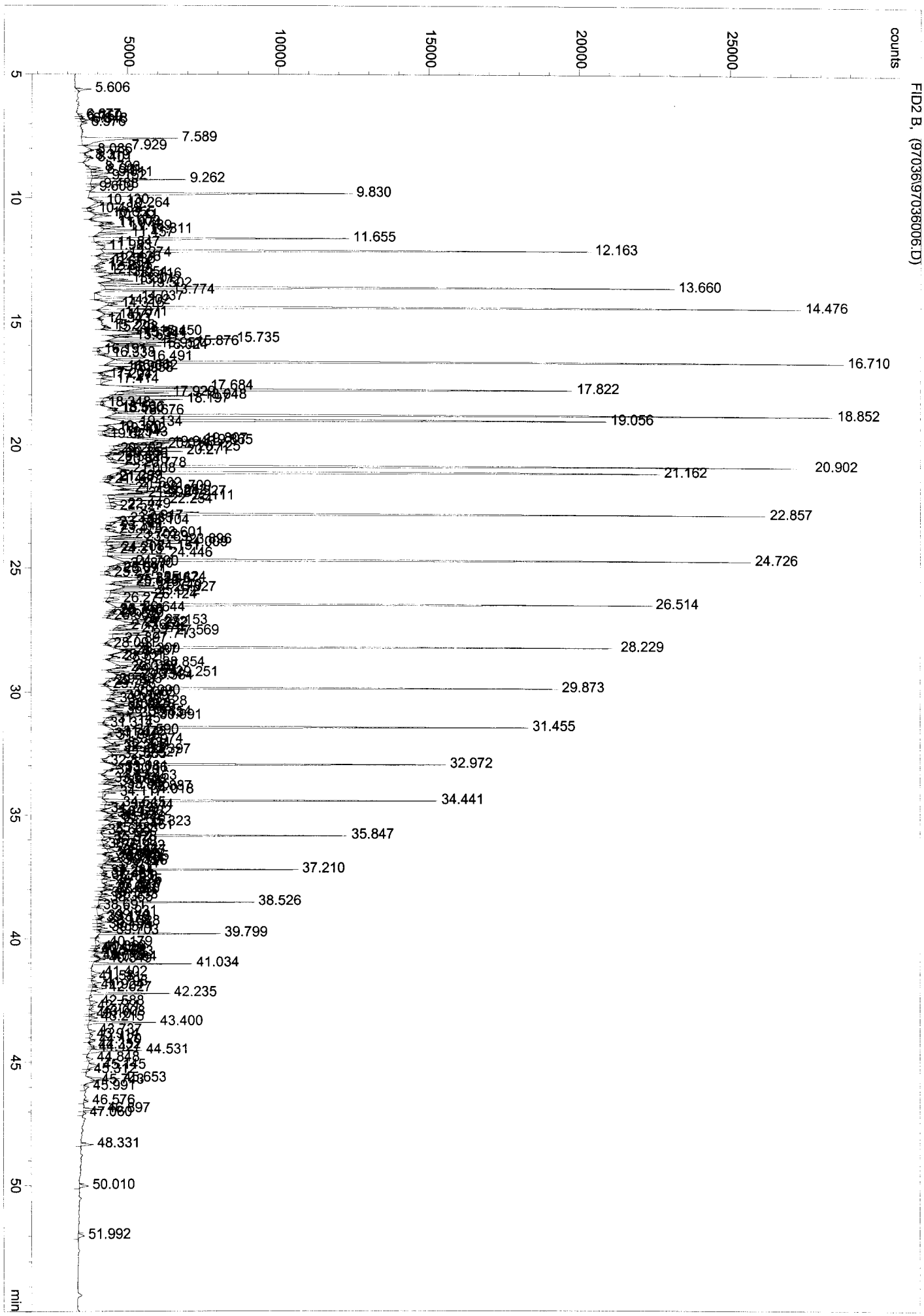

Ion 365.00 amu from 3042-5m-ar2.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Ion 351.00 amu from 3042-5m-ar2.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
42
44
46
48
50
52
Time (min.)

97036-03, 3043.5 m, core, Amerada Hess, ALI: 9.9 mg, KØ
RT d. 21. NOVEMBER 1997.

==========

Injection Date	: 21-11-97 13:33:36	Seq. Line :	3
Sample Name	: 3043.5	Vial :	3
Acq. Operator	: DD	Inj :	1
		Inj Volume :	1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:35:13 by per (modified after loading)		

Metode baseret på Norsk Industristandard


5000
10000
15000
20000
25000
counts
FID2 B, (97036\97036006.D)
min
5.606
7.589
7.929
9.262
9.830
11.655
12.163
13.660
14.476
15.735
16.710
17.684
17.822
18.852
19.056
20.902
21.162
22.857
24.446
24.726
26.514
28.229
29.873
31.455
32.972
34.441
35.847
37.210
38.526
39.799
41.034
42.235
43.400
44.531
46.576
48.331
50.010
51.992

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	5.606	PBA	0.0577	2174.47388	499.94254	0.12671
2	6.677	PB	0.0404	396.33469	123.55791	0.02310
3	6.759	VB	0.0337	276.52676	125.61688	0.01611
4	6.848	VB	0.0421	764.61560	269.11942	0.04456
5	6.976	VBA	0.0881	1251.35718	182.15114	0.07292
6	7.589	PB	0.0728	1.73172e4	3215.72363	1.00912
7	7.929	VB	0.0542	5520.31299	1423.41882	0.32168
8	8.086	VB	0.0521	342.99496	92.91380	0.01999
9	8.319	VB	0.0357	344.63599	145.09219	0.02008
10	8.401	VBA	0.1057	1774.85266	214.11534	0.10343
11	8.796	PB	0.0561	1611.22998	398.88187	0.09389
12	8.901	VB	0.0442	1157.46460	407.21973	0.06745
13	9.011	VB	0.0533	2843.10669	766.21423	0.16567
14	9.152	VB	0.0425	1426.90417	528.47565	0.08315
15	9.262	VB	0.0637	1.43942e4	3129.65723	0.83879
16	9.488	VB	0.0427	839.64862	299.33704	0.04893
17	9.609	VBA	0.1302	1301.68274	124.30647	0.07585
18	9.830	PB	0.0628	3.87132e4	8721.36914	2.25592
19	10.130	VB	0.0615	1156.03052	247.35474	0.06736
20	10.264	VB	0.0628	4257.88477	940.73322	0.24812
21	10.489	VB	0.0514	875.35138	240.67880	0.05101
22	10.655	VB	0.0469	1391.12524	465.31363	0.08106
23	10.741	VB	0.0635	2428.56934	539.54657	0.14152
24	11.009	VB	0.0263	552.31421	421.24255	0.03218
25	11.074	VB	0.0390	1024.96326	412.47180	0.05973
26	11.189	VB	0.0455	2395.66895	809.67163	0.13960
27	11.311	VB	0.0541	5333.33447	1412.09558	0.31079
28	11.457	VB	0.0466	2965.09448	970.37238	0.17278

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	11.655	VB	0.0595	3.44756e4	8464.61719	2.00898
30	11.847	VB	0.0456	1776.49390	566.77661	0.10352
31	11.983	VB	0.0627	785.58246	153.53494	0.04578
32	12.163	VB	0.0516	5.63804e4	1.62126e4	3.28543
33	12.274	VB	0.0392	1987.06995	768.37897	0.11579
34	12.436	VB	0.0642	2520.60571	496.45050	0.14688
35	12.535	VB	0.0556	882.83026	236.27161	0.05144
36	12.664	VB	0.0430	584.35852	195.04428	0.03405
37	12.814	VB	0.0453	890.82709	294.36761	0.05191
38	12.943	VB	0.0488	1075.43945	332.05447	0.06267
39	13.054	VB	0.0320	832.69653	422.09210	0.04852
40	13.116	VB	0.0424	2374.13208	855.49591	0.13835
41	13.301	VB	0.0414	1615.13794	563.72821	0.09412
42	13.372	VB	0.0422	2151.62476	779.43207	0.12538
43	13.502	VB	0.0535	5106.04980	1472.62085	0.29754
44	13.660	VB	0.0500	6.15841e4	1.88965e4	3.58866
45	13.774	VB	0.0420	6062.86279	2212.49219	0.35330
46	14.037	VB	0.0719	6701.85010	1425.03772	0.39053
47	14.202	VB	0.0509	2440.05151	731.00903	0.14219
48	14.315	VB	0.0416	804.59186	307.26349	0.04689
49	14.476	VB	0.0432	7.41726e4	2.32504e4	4.32222
50	14.671	VB	0.0507	2177.79419	609.63904	0.12691
51	14.771	VB	0.0622	1860.57544	386.22223	0.10842
52	14.943	VB	0.0333	374.15012	166.15759	0.02180
53	15.226	PB	0.0294	290.94040	139.09016	0.01695
54	15.298	VB	0.0364	652.98364	268.34430	0.03805
55	15.450	VB	0.0498	3375.83691	920.56464	0.19672
56	15.501	VB	0.0184	76.94870	66.98471	0.00448
57	15.544	VB	0.0326	791.76740	409.05130	0.04614
58	15.631	VB	0.0380	1504.29761	651.05975	0.08766
59	15.735	VB	0.0589	1.53210e4	3983.02026	0.89279
60	15.876	VB	0.0404	6751.45410	2681.82202	0.39342
61	15.957	VB	0.0355	2755.54443	1313.41492	0.16057
62	16.024	VB	0.0355	3464.90430	1647.66638	0.20191
63	16.191	VB	0.0521	386.94318	102.32278	0.02255
64	16.338	VB	0.0449	996.52124	333.34085	0.05807
65	16.491	VB	0.0651	5724.89600	1235.42065	0.33360
66	16.710	VB	0.0460	7.94274e4	2.43963e4	4.62843
67	16.862	VB	0.0315	1069.52832	554.84637	0.06232
68	16.904	VB	0.0182	82.30379	78.92448	0.00480
69	16.958	VB	0.0730	1884.14539	360.55460	0.10979
70	17.204	VB	0.0708	584.79089	103.74184	0.03408
71	17.271	VB	0.0420	925.74622	337.93756	0.05395
72	17.414	VB	0.0613	1880.08301	376.19144	0.10956
73	17.684	VB	0.0583	8624.51953	2495.61426	0.50257
74	17.822	VB	0.0499	5.16014e4	1.47184e4	3.00695
75	17.929	VB	0.0388	4388.01611	1720.11304	0.25570
76	18.048	VB	0.0383	7143.47559	2949.81958	0.41627
77	18.197	VB	0.0459	7473.41309	2647.48901	0.43549

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	18.348	VB	0.0565	472.61594	113.58314	0.02754
79	18.536	VB	0.0277	365.31778	216.48013	0.02129
80	18.590	VB	0.0280	266.25058	140.92979	0.01552
81	18.676	VB	0.0383	1832.52087	754.77386	0.10679
82	18.852	VB	0.0452	8.06887e4	2.40274e4	4.70193
83	19.056	VB	0.0534	6.25350e4	1.60825e4	3.64407
84	19.134	VB	0.0451	1043.85937	433.22644	0.06083
85	19.320	VB	0.0733	1107.51746	186.38144	0.06454
86	19.402	VB	0.0489	1138.44861	380.66891	0.06634
87	19.543	VB	0.0469	1803.19324	620.94788	0.10508
88	19.621	VB	0.0284	161.75133	84.30930	0.00943
89	19.807	VB	0.0557	6486.20361	1655.37573	0.37797
90	19.865	VB	0.0320	3301.99854	1678.04932	0.19242
91	19.943	VB	0.0389	2457.57227	1067.22168	0.14321
92	20.011	VB	0.0299	2836.35498	1510.53821	0.16528
93	20.125	VB	0.0378	6518.74561	2636.72852	0.37986
94	20.203	VB	0.0215	76.13190	57.36035	0.00444
95	20.271	VB	0.0368	5580.42773	2344.62183	0.32519
96	20.351	VB	0.0291	683.06586	395.85202	0.03980
97	20.406	VB	0.0330	788.23816	400.25580	0.04593
98	20.553	VB	0.0658	815.53436	151.47461	0.04752
99	20.640	VB	0.0427	1019.58459	352.92047	0.05941
100	20.778	VB	0.0303	951.84338	522.44989	0.05547
101	20.902	VB	0.0477	7.41794e4	2.29268e4	4.32262
102	21.008	VB	0.0336	496.33228	234.91141	0.02892
103	21.162	VB	0.0583	7.65485e4	1.80992e4	4.46067
104	21.299	VB	0.0309	486.37601	272.14670	0.02834
105	21.357	VB	0.0281	478.79691	253.24217	0.02790
106	21.435	VB	0.0515	703.20770	180.19611	0.04098
107	21.602	VB	0.0615	3660.61450	783.06537	0.21331
108	21.709	VB	0.0557	5936.03809	1482.60583	0.34591
109	21.798	VB	0.0253	457.90897	308.35284	0.02668
110	21.882	VB	0.0234	634.20001	451.91907	0.03696
111	21.927	VB	0.0342	2499.12109	1159.15796	0.14563
112	21.998	VB	0.0288	1471.93835	826.20477	0.08577
113	22.111	VB	0.0401	7261.38330	2635.27612	0.42314
114	22.254	VB	0.0387	4775.47803	1878.03479	0.27828
115	22.449	VB	0.0567	1715.90430	428.76453	0.09999
116	22.527	VB	0.0399	484.83878	157.44382	0.02825
117	22.857	VB	0.0398	6.06712e4	2.03505e4	3.53546
118	22.917	VB	0.0348	577.72620	226.47685	0.03367
119	23.033	VB	0.0557	908.22388	201.13451	0.05292
120	23.104	VB	0.0421	2705.25537	849.79169	0.15764
121	23.194	VBA	0.1041	1422.84045	165.77289	0.08291
122	23.341	BB	0.0522	1422.54297	359.27603	0.08290
123	23.475	VB	0.0471	929.46295	257.44290	0.05416
124	23.601	VB	0.0527	4970.17480	1268.92151	0.28962
125	23.702	VB	0.0288	704.02936	394.05017	0.04103
126	23.789	VB	0.0414	2686.55518	1067.18237	0.15655

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	23.896	VB	0.0556	8892.67187	2556.98022	0.51820
128	24.009	VB	0.0396	6480.54150	2472.52979	0.37764
129	24.151	VB	0.0379	3142.23486	1361.74011	0.18311
130	24.208	VB	0.0263	228.00798	154.06285	0.01329
131	24.313	VB	0.0404	811.32068	267.61816	0.04728
132	24.446	VB	0.0612	7821.70605	1931.83032	0.45579
133	24.726	VB	0.0492	7.01207e4	2.08694e4	4.08611
134	24.790	VB	0.0314	574.19305	263.83163	0.03346
135	24.870	VB	0.0449	966.94568	276.13516	0.05635
136	25.017	VB	0.0366	826.37921	315.23102	0.04816
137	25.091	VB	0.0388	1021.55511	387.20407	0.05953
138	25.227	VB	0.0536	810.28070	194.48190	0.04722
139	25.424	VB	0.0109	158.85356	636.61823	0.00926
140	25.467	VB	0.0293	457.65881	251.10228	0.02667
141	25.525	VB	0.0259	318.75879	207.57217	0.01857
142	25.616	VB	0.0399	1665.74365	629.11383	0.09707
143	25.740	VB	0.0478	3157.31836	1122.49365	0.18398
144	25.827	VB	0.0462	4665.42773	1589.35571	0.27187
145	25.972	VB	0.0371	3162.70483	1415.80115	0.18430
146	26.124	VB	0.0699	6663.59717	1341.72144	0.38830
147	26.277	VB	0.0630	1876.78662	397.84143	0.10937
148	26.514	VB	0.0485	6.05360e4	1.78976e4	3.52758
149	26.644	VB	0.0386	1963.65698	773.72162	0.11443
150	26.718	VB	0.0295	224.83612	116.79835	0.01310
151	26.790	VB	0.0269	330.82925	184.56232	0.01928
152	26.860	VB	0.0363	644.10205	275.54547	0.03753
153	26.952	VBA	0.1582	1028.67468	76.85326	0.05994
154	27.153	PB	0.0530	5129.41895	1247.66260	0.29890
155	27.232	VB	0.0258	425.39313	264.26569	0.02479
156	27.282	VB	0.0236	733.46686	415.39368	0.04274
157	27.365	VB	0.0434	997.03857	328.32220	0.05810
158	27.474	VB	0.0374	1850.34790	789.15735	0.10782
159	27.569	VB	0.0595	8017.93164	1969.11108	0.46723
160	27.713	VB	0.0569	5168.45605	1207.65210	0.30118
161	27.897	VB	0.0730	1911.12720	342.77679	0.11137
162	28.091	VB	0.0281	308.12152	143.20493	0.01796
163	28.229	VB	0.0502	5.31504e4	1.66704e4	3.09721
164	28.300	VB	0.0360	890.56464	399.85095	0.05190
165	28.387	VB	0.0513	1351.72266	355.88824	0.07877
166	28.551	VB	0.0292	352.87527	177.24223	0.02056
167	28.621	VB	0.0403	853.62256	298.76114	0.04974
168	28.854	VB	0.0746	8842.51465	1441.60156	0.51528
169	28.967	VB	0.0362	903.36127	387.88214	0.05264
170	29.038	VB	0.0312	580.44641	319.32330	0.03382
171	29.159	VB	0.0360	1702.95776	709.19104	0.09924
172	29.251	VB	0.0387	4777.81836	1878.53625	0.27842
173	29.334	VB	0.0285	573.40100	325.88394	0.03341
174	29.384	VB	0.0304	1332.28906	726.89697	0.07764
175	29.523	VB	0.0443	673.05164	216.36331	0.03922

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	29.597	VB	0.0411	446.15909	140.40906	0.02600
177	29.728	VB	0.0318	370.65921	155.33852	0.02160
178	29.873	VB	0.0436	4.53613e4	1.48690e4	2.64332
179	29.990	VB	0.0342	1427.44653	635.88782	0.08318
180	30.065	VB	0.0377	1230.81580	500.72058	0.07172
181	30.189	VB	0.0525	1688.46570	398.10910	0.09839
182	30.313	VB	0.0315	606.08252	267.13171	0.03532
183	30.428	VB	0.0490	3329.39087	924.89240	0.19401
184	30.528	VB	0.0210	196.72244	143.20985	0.01146
185	30.578	VB	0.0357	859.34167	390.49661	0.05008
186	30.652	VB	0.0337	884.71002	454.42075	0.05155
187	30.767	VB	0.0396	1146.79309	468.23950	0.06683
188	30.854	VB	0.0295	1847.42773	915.87439	0.10765
189	30.913	VB	0.0282	1054.99133	580.45978	0.06148
190	30.991	VB	0.0363	3380.06592	1443.67712	0.19696
191	31.145	VB	0.0467	1099.45471	286.87375	0.06407
192	31.314	VB	0.0289	231.46231	108.39127	0.01349
193	31.455	VB	0.0441	4.30648e4	1.39160e4	2.50949
194	31.590	VB	0.0456	1802.88245	625.80182	0.10506
195	31.675	VB	0.0357	653.81573	296.58459	0.03810
196	31.744	VB	0.0220	100.50843	73.16486	0.00586
197	31.813	VB	0.0456	793.10065	217.31964	0.04622
198	31.974	VB	0.0656	4777.29883	1020.19788	0.27839
199	32.134	VB	0.0321	781.28247	377.80615	0.04553
200	32.206	VB	0.0343	734.11670	352.15292	0.04278
201	32.315	VB	0.0387	1238.16699	470.48248	0.07215
202	32.397	VB	0.0384	2773.40845	1182.96423	0.16161
203	32.527	VB	0.0504	2728.94751	733.24103	0.15902
204	32.585	VBA	0.0615	1151.45251	246.41415	0.06710
205	32.857	PB	0.0386	215.15912	77.10395	0.01254
206	32.972	VB	0.0453	3.24307e4	1.10325e4	1.88982
207	33.081	VB	0.0441	540.83136	161.29282	0.03152
208	33.146	VB	0.0327	519.44867	266.74304	0.03027
209	33.220	VBA	0.0862	1283.25000	177.75095	0.07478
210	33.463	PB	0.0556	3234.37012	846.26636	0.18847
211	33.573	VB	0.0124	51.83034	64.46186	0.00302
212	33.628	VB	0.0379	947.44995	427.07266	0.05521
213	33.704	VB	0.0407	863.36530	351.09149	0.05031
214	33.815	VB	0.0343	748.21564	320.22211	0.04360
215	33.887	VB	0.0406	2548.32202	1038.27832	0.14850
216	34.018	VB	0.0354	3246.37769	1384.62622	0.18917
217	34.117	VBA	0.0698	2427.30420	436.80045	0.14145
218	34.441	PB	0.0425	3.25359e4	1.09942e4	1.89595
219	34.545	VB	0.0516	1454.86768	428.52750	0.08478
220	34.644	VB	0.0526	2582.01099	724.00433	0.15046
221	34.779	VB	0.0199	140.74899	110.26456	0.00820
222	34.902	VB	0.0454	1765.23914	617.04187	0.10286
223	34.977	VB	0.0368	189.31677	67.24285	0.01103
224	35.072	VB	0.0286	457.45398	258.79468	0.02666

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	35.146	VB	0.0339	983.80792	410.93253	0.05733
226	35.253	VB	0.0213	136.45076	111.33008	0.00795
227	35.323	VB	0.0440	3425.05737	1111.12732	0.19959
228	35.461	VB	0.0496	2820.63599	720.92603	0.16437
229	35.588	VB	0.0388	724.90900	315.57394	0.04224
230	35.665	VBA	0.1417	1094.02417	96.20668	0.06375
231	35.847	BB	0.0412	2.22828e4	8075.75391	1.29847
232	35.928	VB	0.0613	944.74811	210.55724	0.05505
233	36.079	VBA	0.1062	2054.44678	236.79955	0.11972
234	36.214	BB	0.0244	67.57082	48.13984	0.00394
235	36.292	VB	0.0483	1605.57727	476.31732	0.09356
236	36.467	VB	0.0500	1377.60352	373.71170	0.08028
237	36.524	VBA	0.0877	1106.62231	152.36726	0.06449
238	36.635	BB	0.0294	573.89740	253.40817	0.03344
239	36.705	VB	0.0302	880.63477	442.51688	0.05132
240	36.766	VB	0.0249	275.66183	161.88354	0.01606
241	36.834	VB	0.0272	616.61884	339.69620	0.03593
242	36.896	VB	0.0306	995.63446	472.21143	0.05802
243	37.014	VBA	0.0632	1555.96936	328.90591	0.09067
244	37.210	PB	0.0416	1.74999e4	6464.15869	1.01977
245	37.284	VB	0.0390	284.34970	97.56056	0.01657
246	37.381	VB	0.0319	395.74704	185.57455	0.02306
247	37.458	VB	0.0306	233.37048	126.19861	0.01360
248	37.528	VB	0.0346	581.15411	221.49553	0.03387
249	37.635	VB	0.0531	1804.63867	446.54788	0.10516
250	37.810	VB	0.0357	687.14459	289.74332	0.04004
251	37.877	VB	0.0314	526.58655	252.13098	0.03069
252	37.981	VB	0.0252	260.83051	150.68558	0.01520
253	38.030	VB	0.0298	551.64545	259.45578	0.03215
254	38.170	VB	0.0336	456.55283	186.19507	0.02660
255	38.253	VB	0.0422	1024.28577	349.07132	0.05969
256	38.365	VB	0.0403	693.02136	235.70303	0.04038
257	38.526	VB	0.0394	1.43356e4	5167.03955	0.83537
258	38.691	VB	0.0380	164.13162	54.76934	0.00956
259	38.931	VB	0.1101	3814.34570	449.01828	0.22227
260	39.110	VB	0.0320	346.27533	161.74452	0.02018
261	39.176	VB	0.0271	228.84369	120.82934	0.01334
262	39.328	VB	0.0539	1986.58704	540.30487	0.11576
263	39.453	VB	0.0484	898.32220	247.26137	0.05235
264	39.571	VB	0.0431	1148.42810	351.52957	0.06692
265	39.703	VB	0.0330	1049.70056	422.15060	0.06117
266	39.799	VB	0.0433	1.07699e4	4015.46802	0.62759
267	40.179	VB	0.0732	2050.15088	335.77023	0.11947
268	40.363	VB	0.0368	414.32413	152.21532	0.02414
269	40.429	VB	0.0278	223.39673	101.08287	0.01302
270	40.525	VB	0.0258	141.30768	79.10262	0.00823
271	40.583	VB	0.0345	829.60272	379.62949	0.04834
272	40.713	VB	0.0252	287.71591	151.17143	0.01677
273	40.784	VB	0.0385	898.85223	381.58252	0.05238

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	40.849	VB	0.0376	461.38327	188.38519	0.02689
275	41.034	VBA	0.0440	9620.99805	3301.79272	0.56064
276	41.402	BBA	0.0931	2319.21143	310.76572	0.13515
277	41.581	PBA	0.1227	1048.53564	101.36983	0.06110
278	41.798	PB	0.0536	1157.80713	302.98590	0.06747
279	41.924	VB	0.0296	323.93961	141.87041	0.01888
280	42.027	VB	0.0584	1729.29419	435.15274	0.10077
281	42.235	VBA	0.0514	8932.13281	2644.08740	0.52050
282	42.588	BB	0.0620	1286.88098	258.82202	0.07499
283	42.771	VB	0.0669	605.89844	119.97506	0.03531
284	43.008	VB	0.0668	1618.17737	310.47034	0.09430
285	43.101	VBA	0.1103	1006.83856	114.82338	0.05867
286	43.215	BBA	0.0879	1778.64941	273.40732	0.10365
287	43.400	BBA	0.0502	7512.00684	2236.64893	0.43774
288	43.737	PBA	0.0913	1606.58826	219.70621	0.09362
289	43.914	BBA	0.1677	1265.25732	91.86655	0.07373
290	44.120	BB	0.0481	644.04718	174.53497	0.03753
291	44.332	VB	0.0618	570.19495	123.70638	0.03323
292	44.427	VB	0.0314	239.63129	105.72356	0.01396
293	44.531	VBA	0.0552	6693.46631	1725.77832	0.39005
294	44.848	PBA	0.1038	1620.03809	193.32877	0.09440
295	45.145	BB	0.0780	2370.38599	368.52075	0.13813
296	45.312	VBA	0.1297	1114.69324	107.73026	0.06496
297	45.653	PB	0.0419	2657.35571	942.18427	0.15485
298	45.743	VB	0.0335	289.96396	123.16544	0.01690
299	45.991	VBA	0.1258	1652.25037	165.04256	0.09628
300	46.576	PBA	0.0959	1198.34253	157.26521	0.06983
301	46.897	BBA	0.0622	2923.24268	678.77698	0.17034
302	47.060	BBA	0.1481	1071.95056	86.79109	0.06247
303	48.331	BBA	0.0755	2302.54687	422.88257	0.13418
304	50.010	BBA	0.0862	2170.88232	311.76230	0.12650
305	51.992	PBA	0.1058	1805.59448	204.85248	0.10522
Totals :				1.71607e6	5.18669e5	

==========

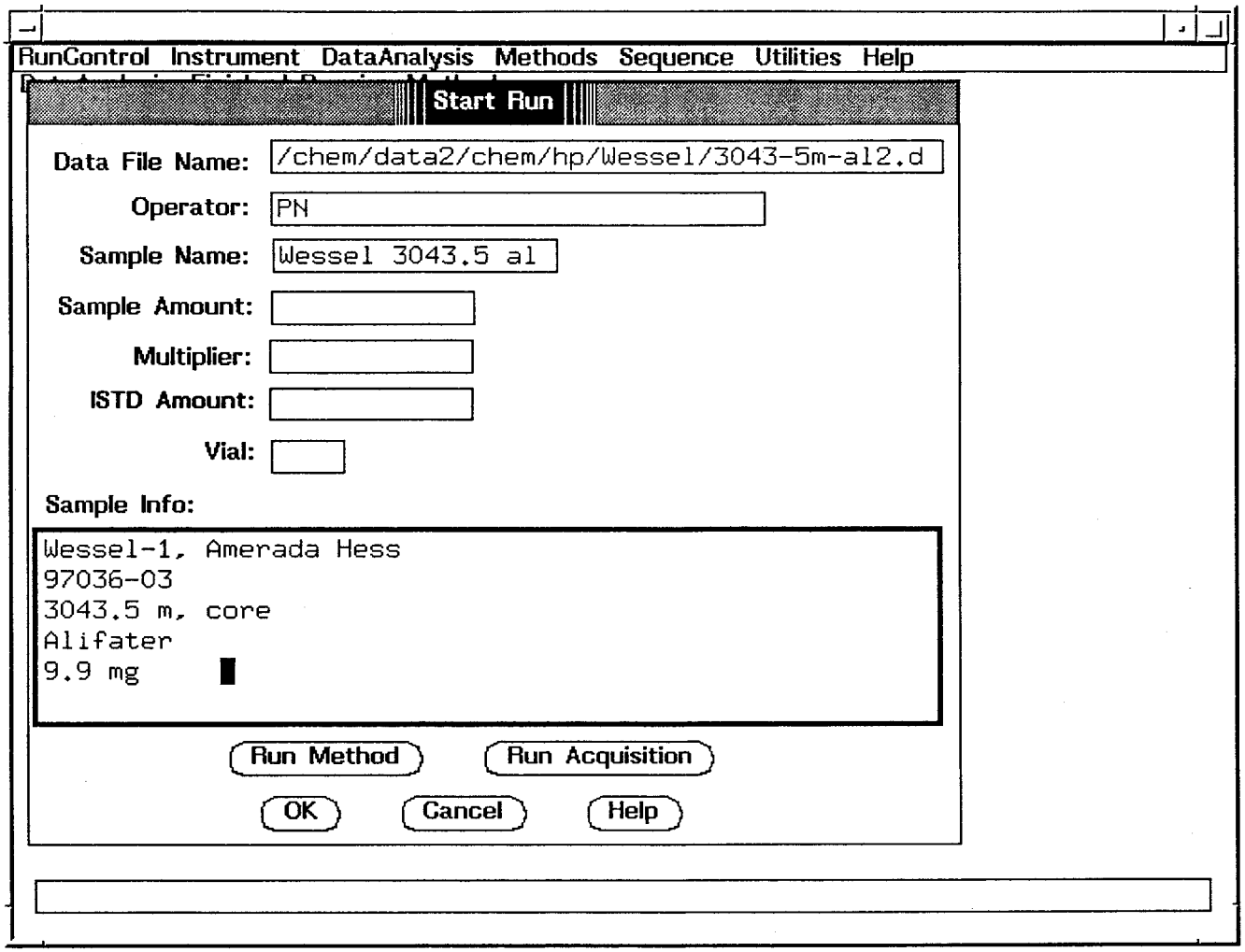
==========

Calibration Curves

==========

==========

*** End of Report ***

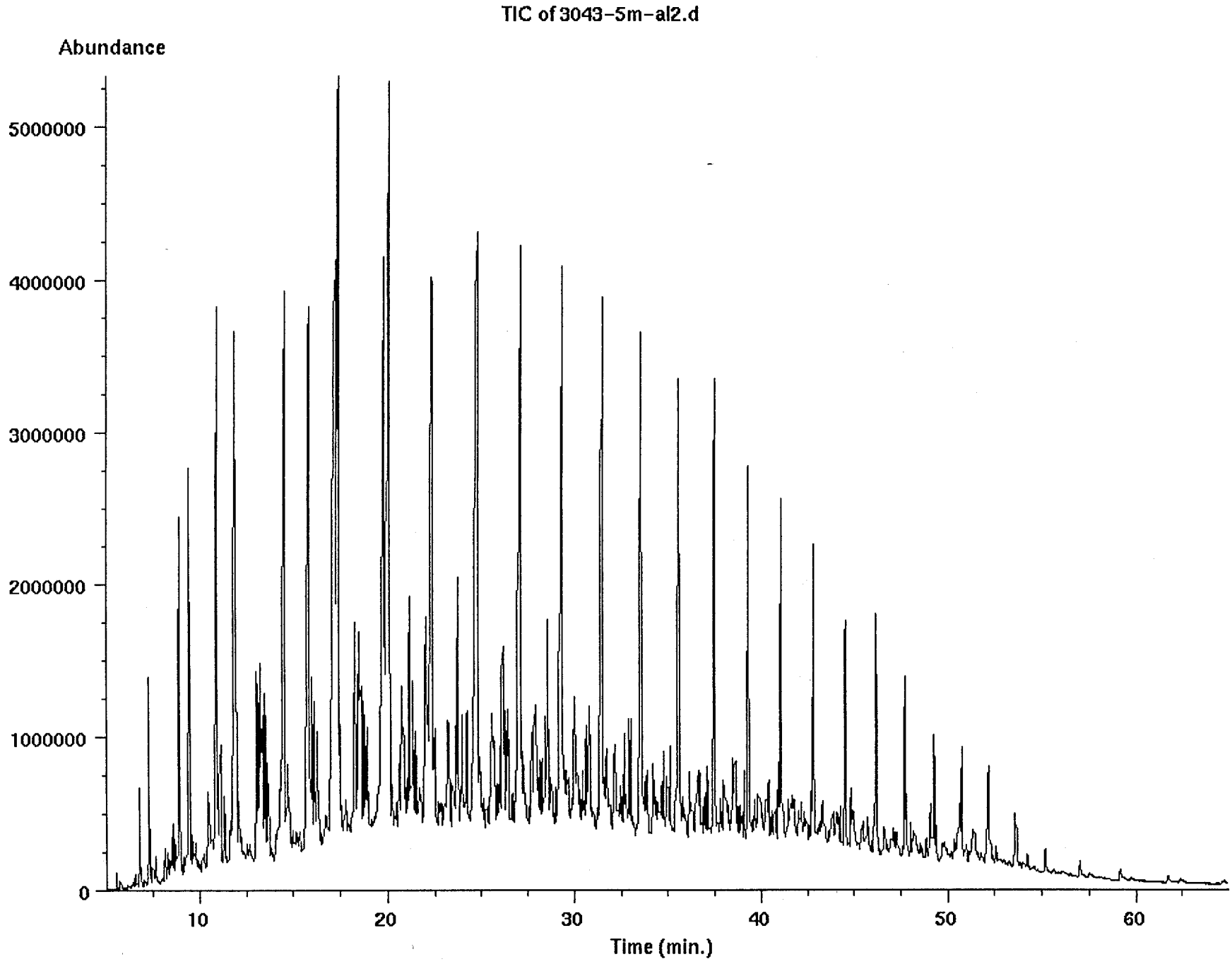

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3043-5m-al2.d
Operator: PN
Sample Name: Wessel 3043.5 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial:
Sample Info:
Wessel-1, Amerada Hess
97036-03
3043.5 m, core
Alifater
9.9 mg
Run Method
Run Acquisition
OK
Cancel
Help

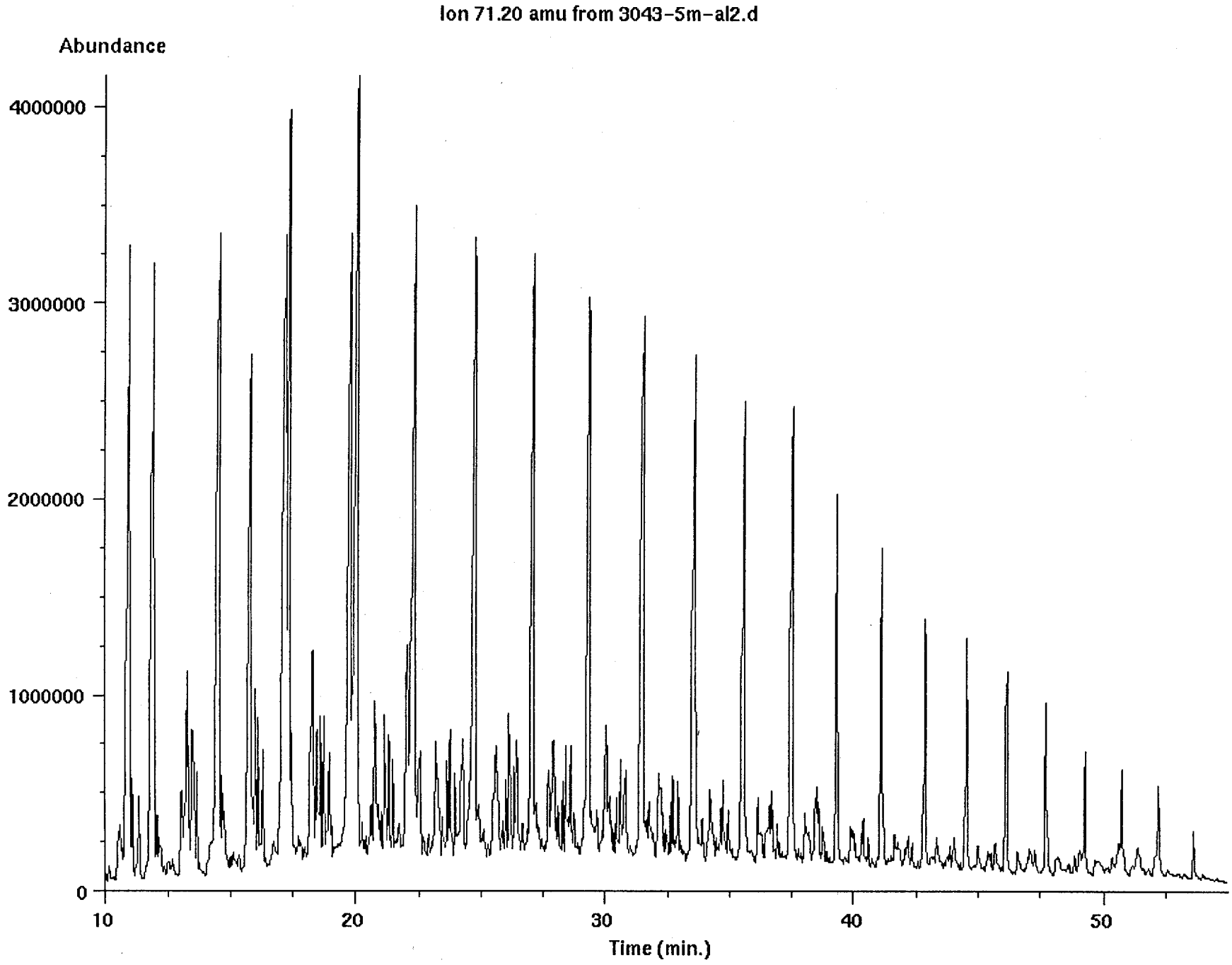
Data file: /chem/data2/chem/hp/Wessel/3043-5m-al2.d
File type: GC / MS DATA FILE

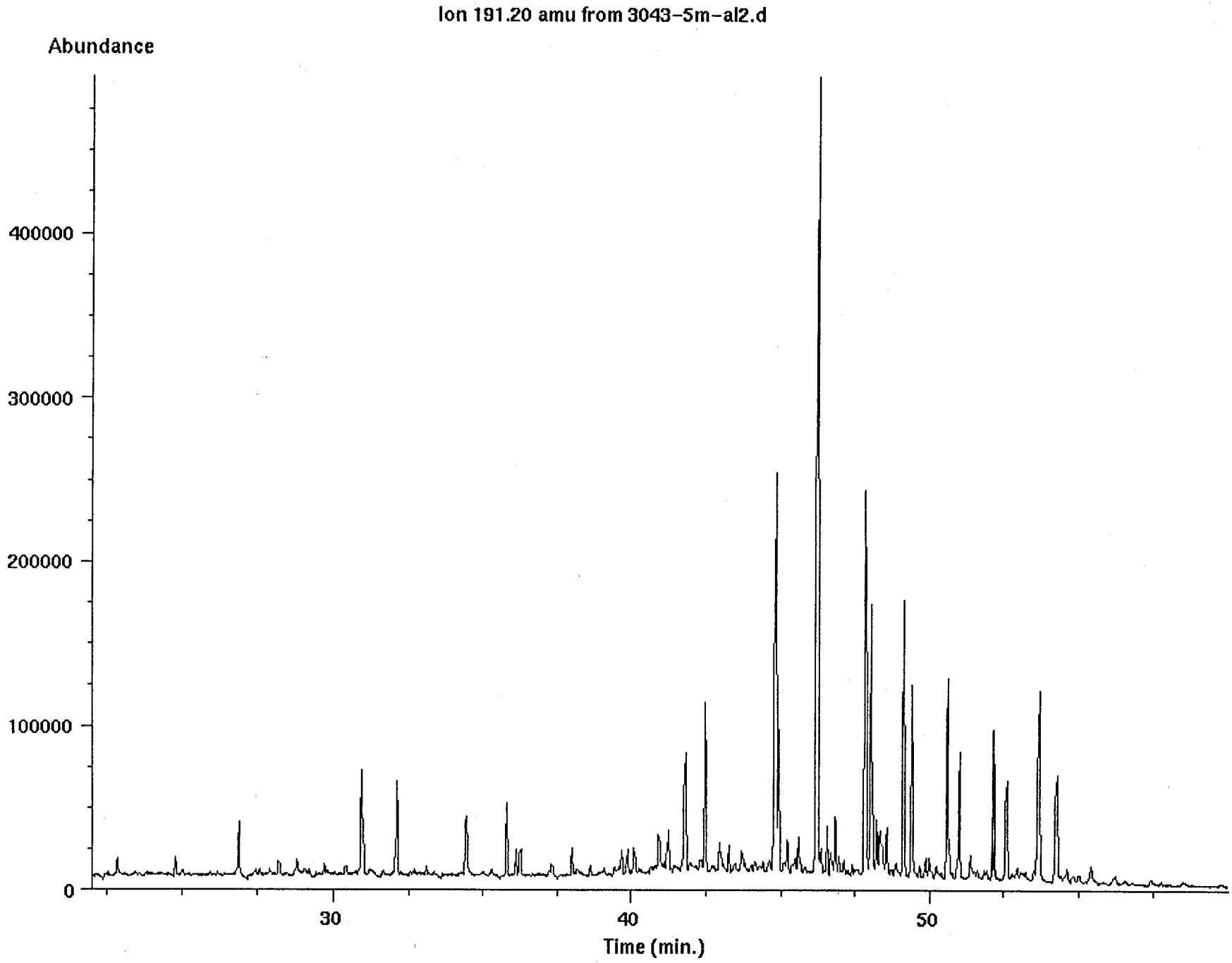
Name Info: Wessel 3043.5 al
Misc Info:
Operator : PN

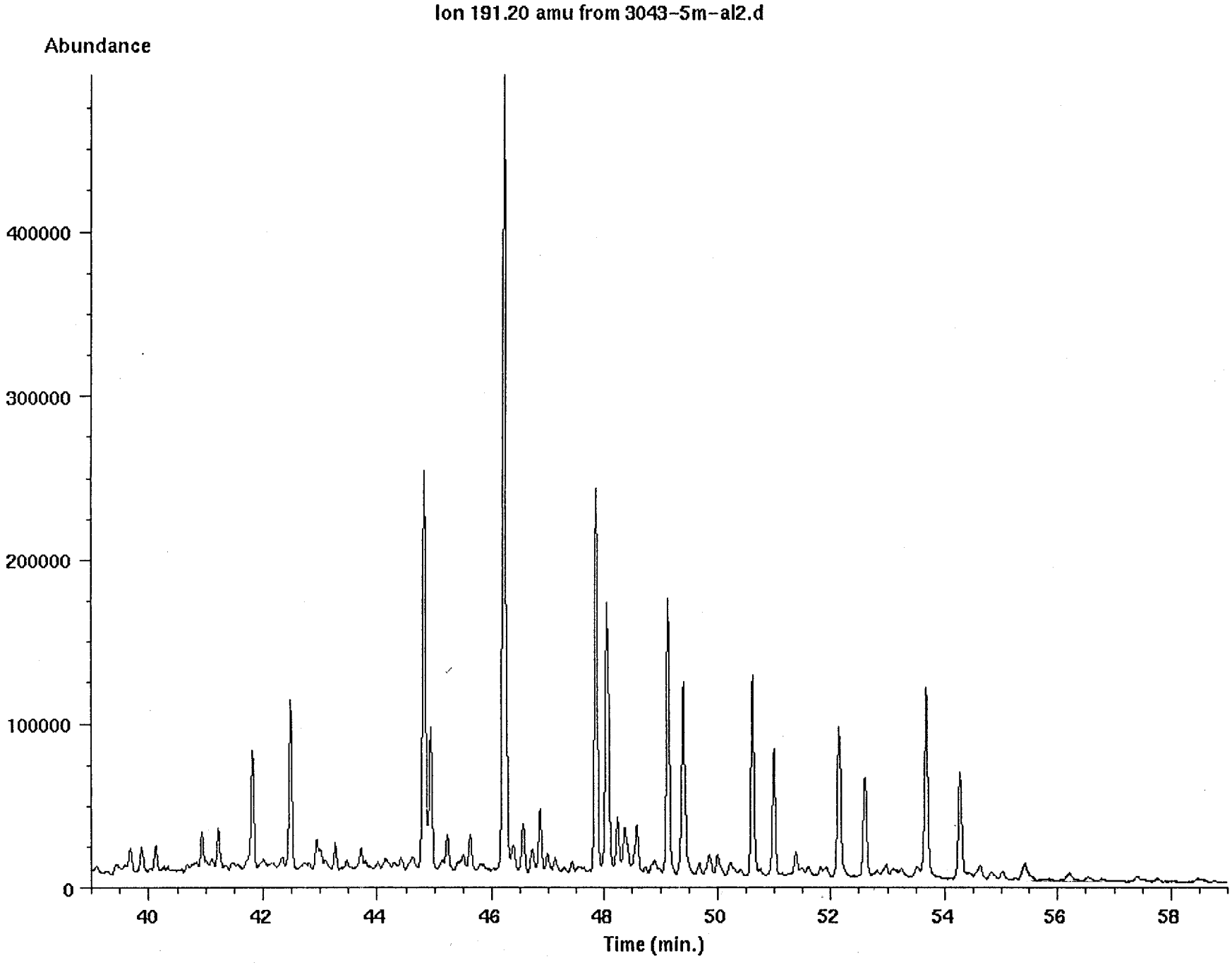
Date : Tue Nov 25 97 09:06:48 PM
Instrment: HP5971
Inlet : GC

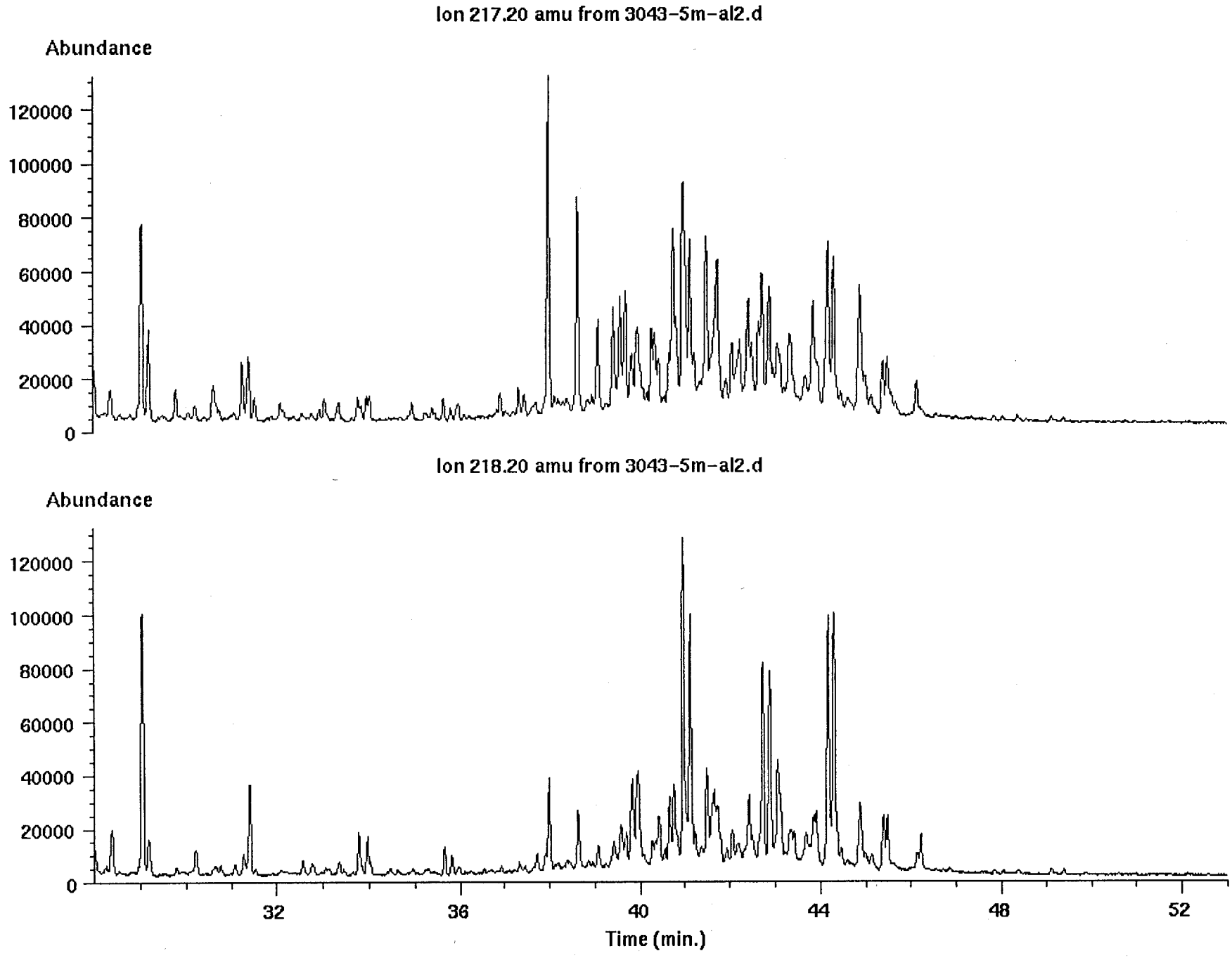
Sequence index : 0
Als bottle num : 0
Replicate num : 1

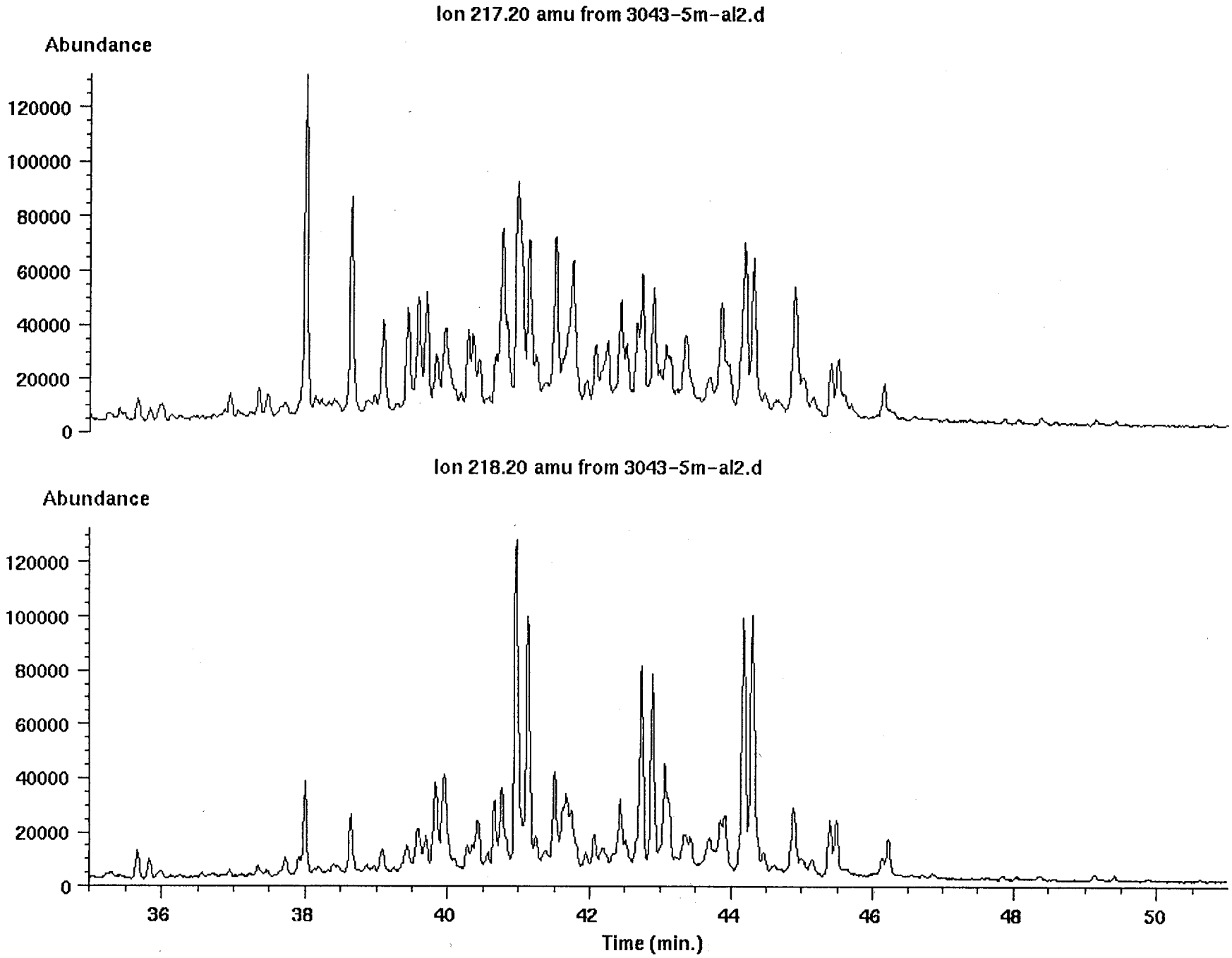

TIC of 3043-5m-al2.d
Abundance
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

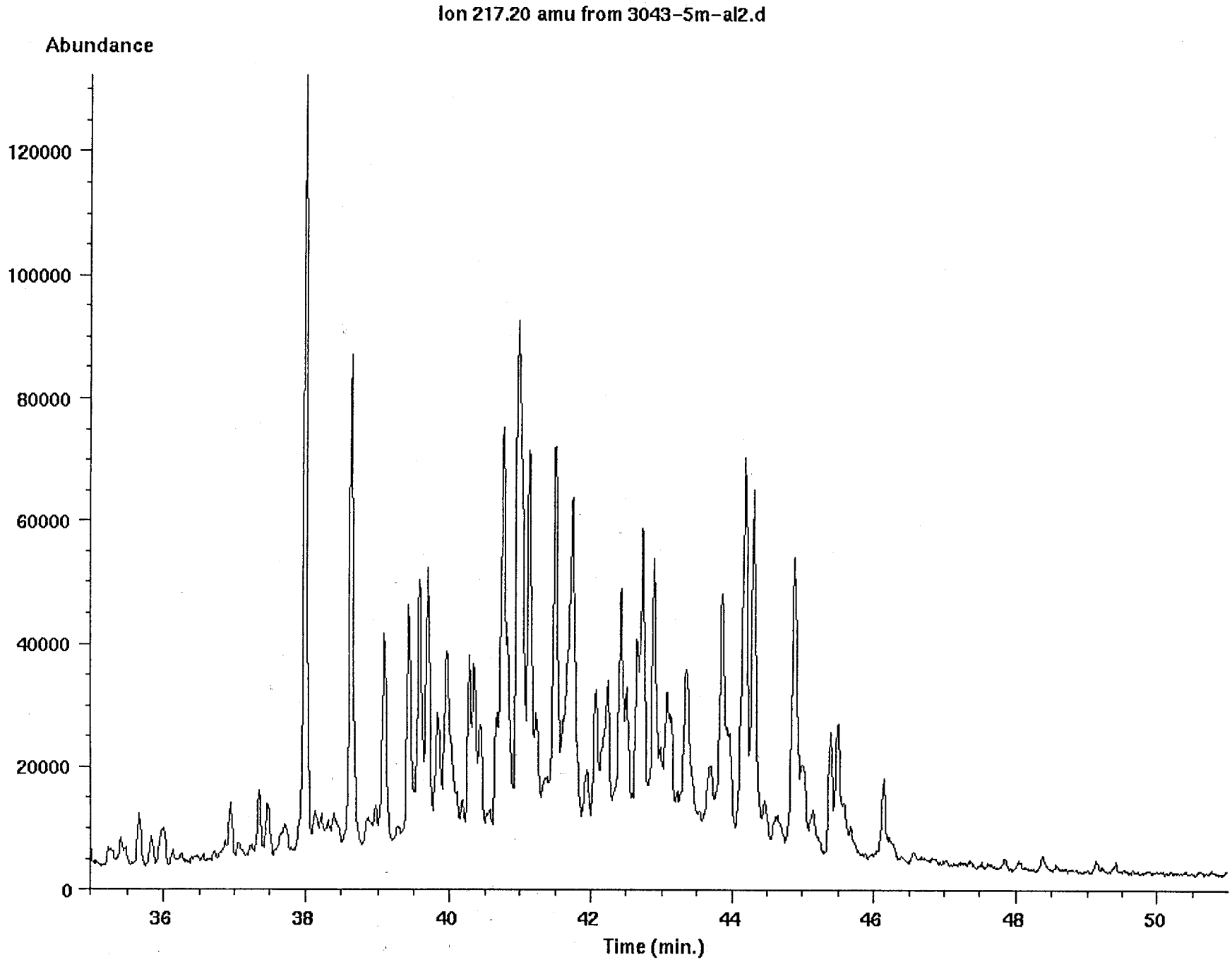

Ion 71.20 amu from 3043-5m-al2.d
Abundance
4000000
3000000
2000000
1000000
0
10
20
30
40
50
Time (min.)

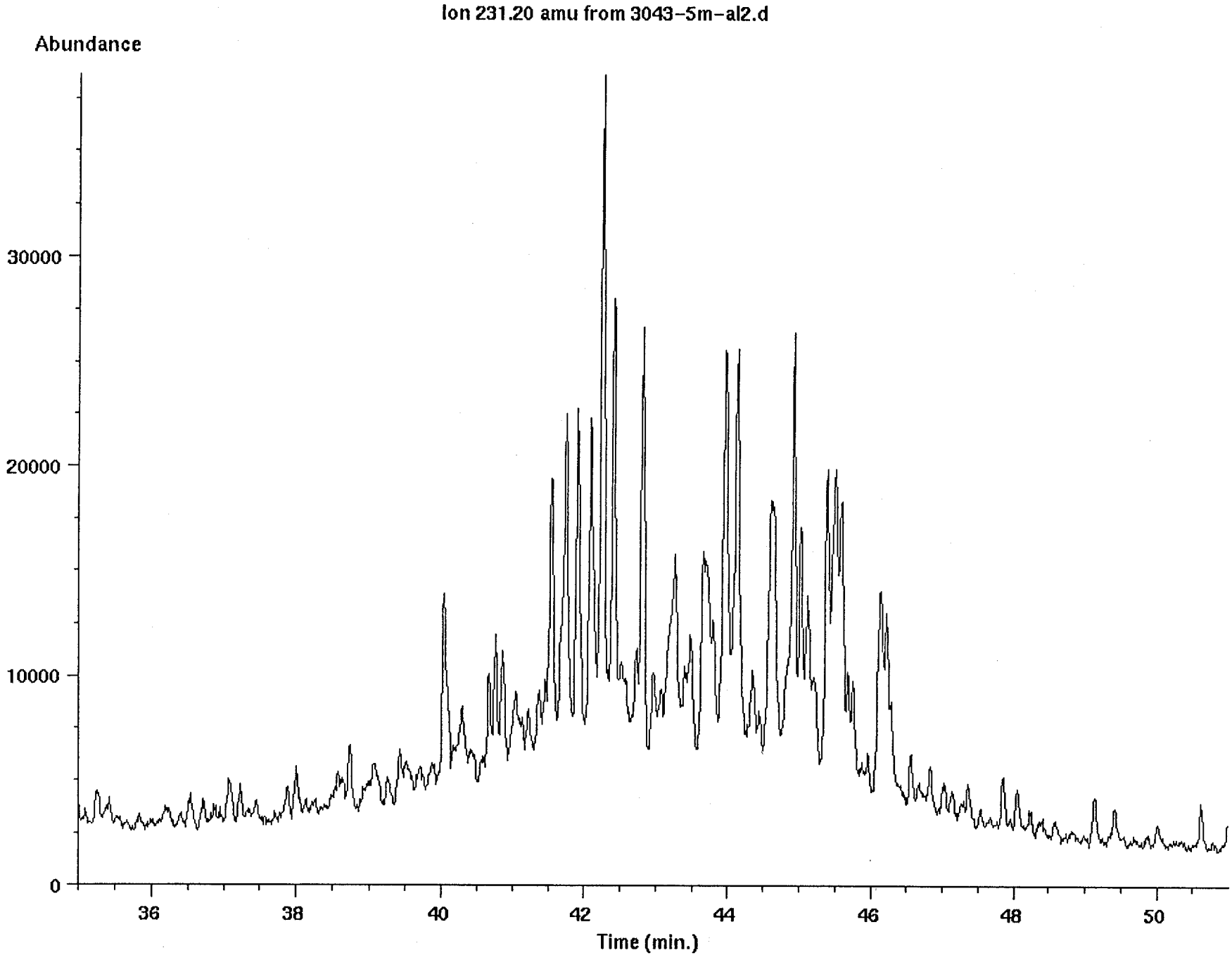

Ion 191.20 amu from 3043-5m-al2.d
Abundance
400000
300000
200000
100000
0
30
40
50
Time (min.)

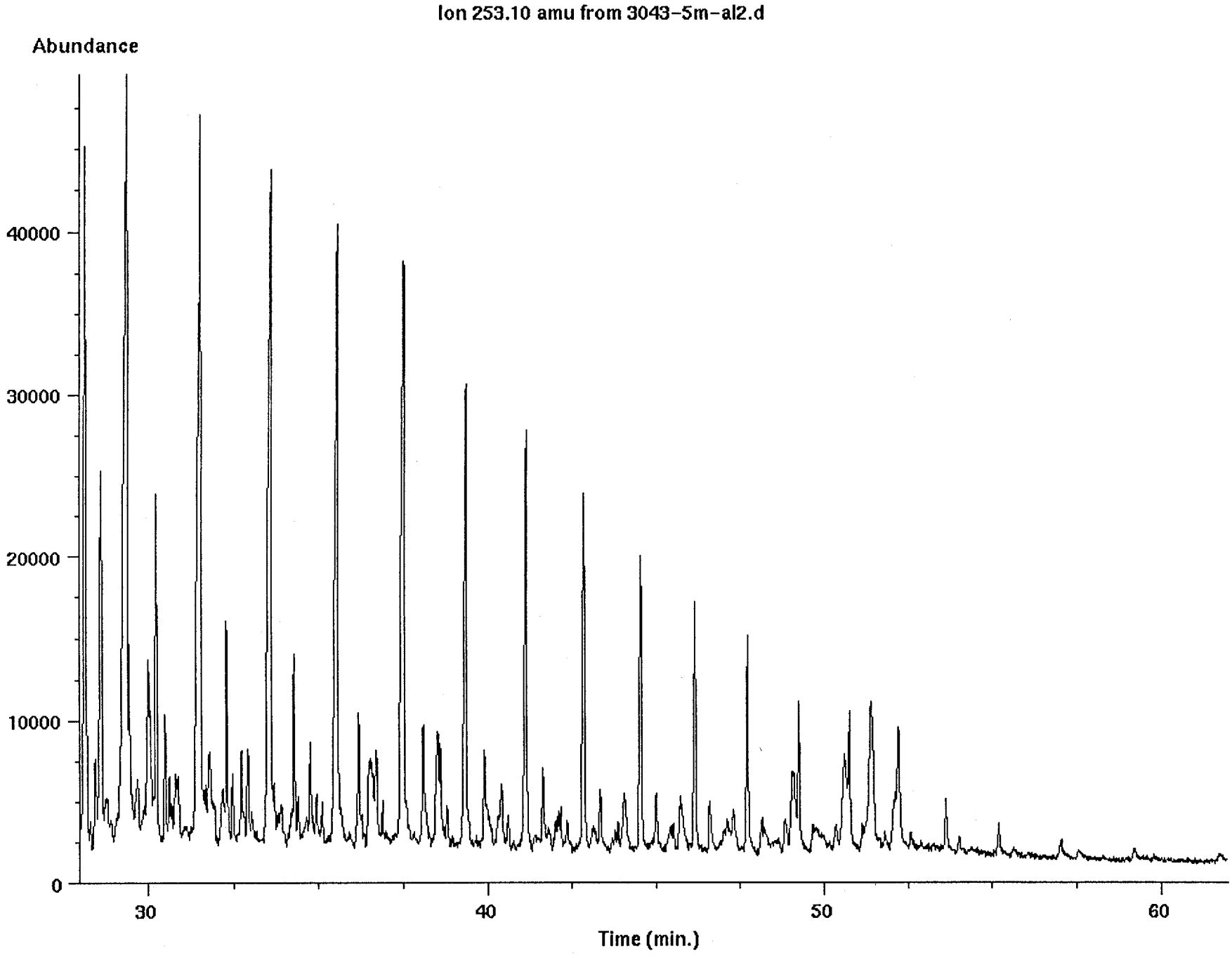

Ion 191.20 amu from 3043-5m-al2.d
Abundance
400000
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

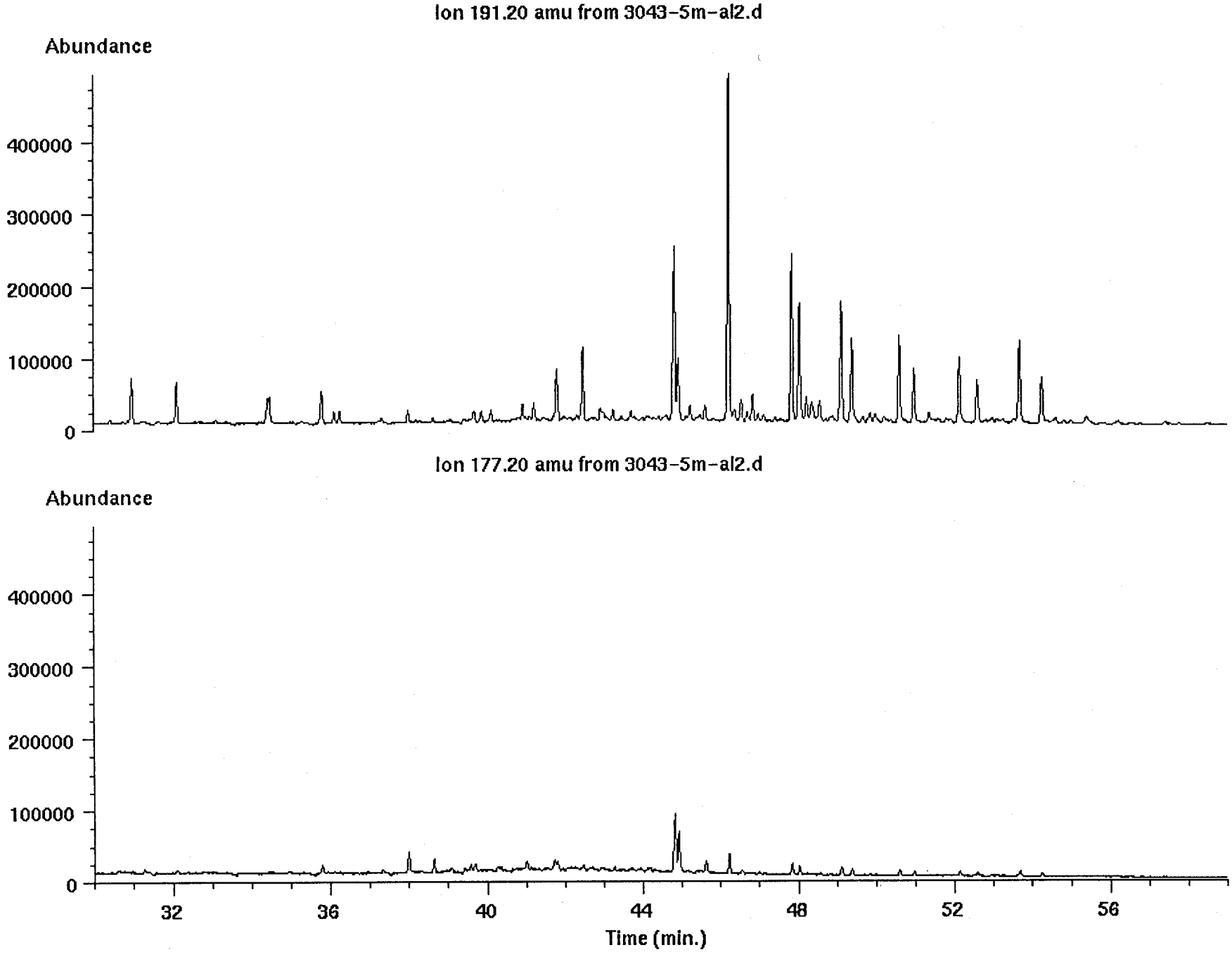

Ion 217.20 amu from 3043-5m-al2.d
Abundance
120000
100000
80000
60000
40000
20000
0
Ion 218.20 amu from 3043-5m-al2.d
Abundance
120000
100000
80000
60000
40000
20000
0
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3043-5m-al2.d
Abundance
120000
100000
80000
60000
40000
20000
0
Ion 218.20 amu from 3043-5m-al2.d
Abundance
120000
100000
80000
60000
40000
20000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3043-5m-al2.d
Abundance
120000
100000
80000
60000
40000
20000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3043-5m-al2.d
Abundance
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3043-5m-al2.d
Abundance
40000
30000
20000
10000
0
30
40
50
60
Time (min.)


Ion 191.20 amu from 3043-5m-al2.d
Abundance
400000
300000
200000
100000
0
Ion 177.20 amu from 3043-5m-al2.d
Abundance
400000
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

47036

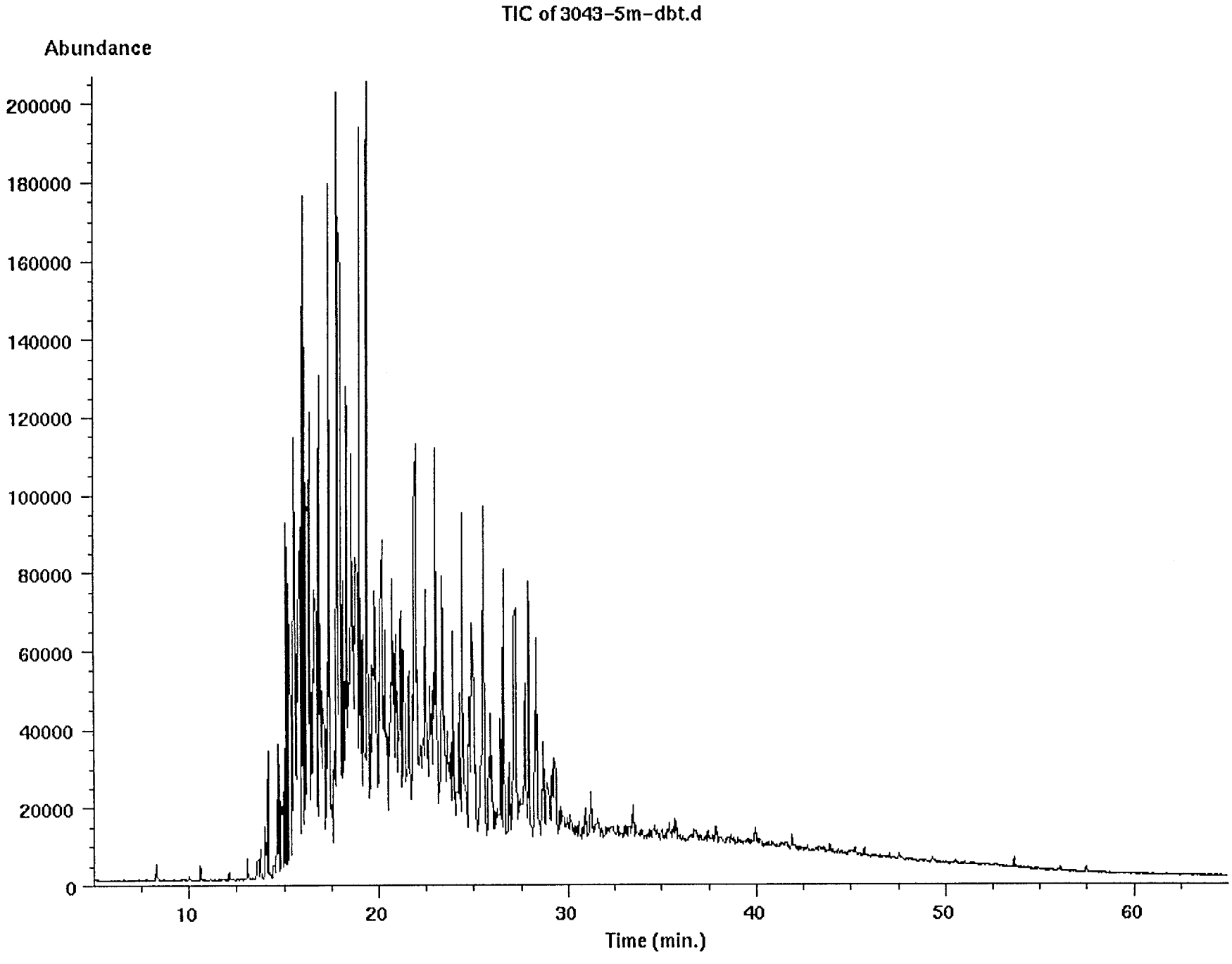
03

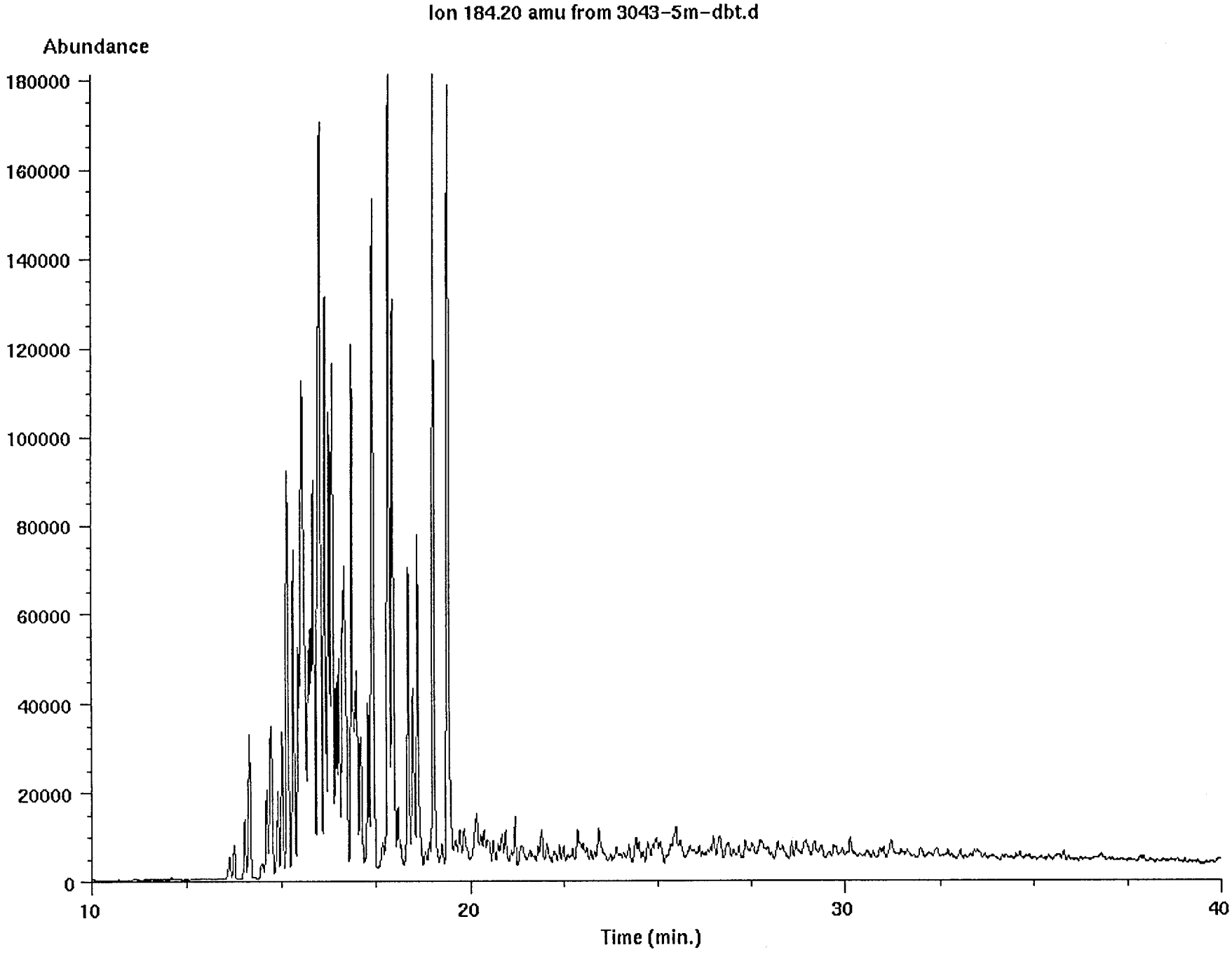
Data file: /chem/data2/chem/hp/Wessel/3043-5m-dbt.d
File type: GC / MS DATA FILE

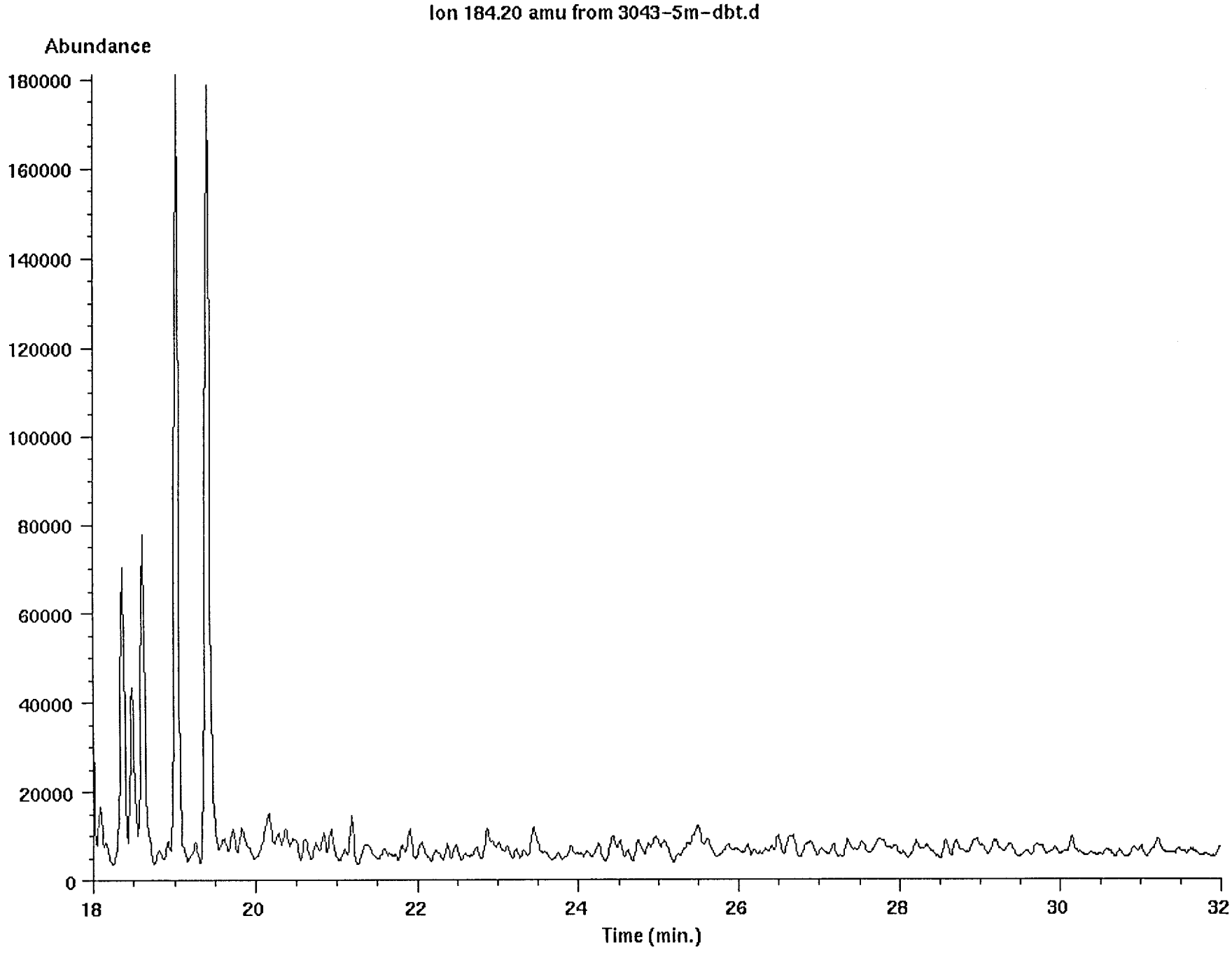
Name Info: Wessel 3043.5 ar
Misc Info:
Operator : PN

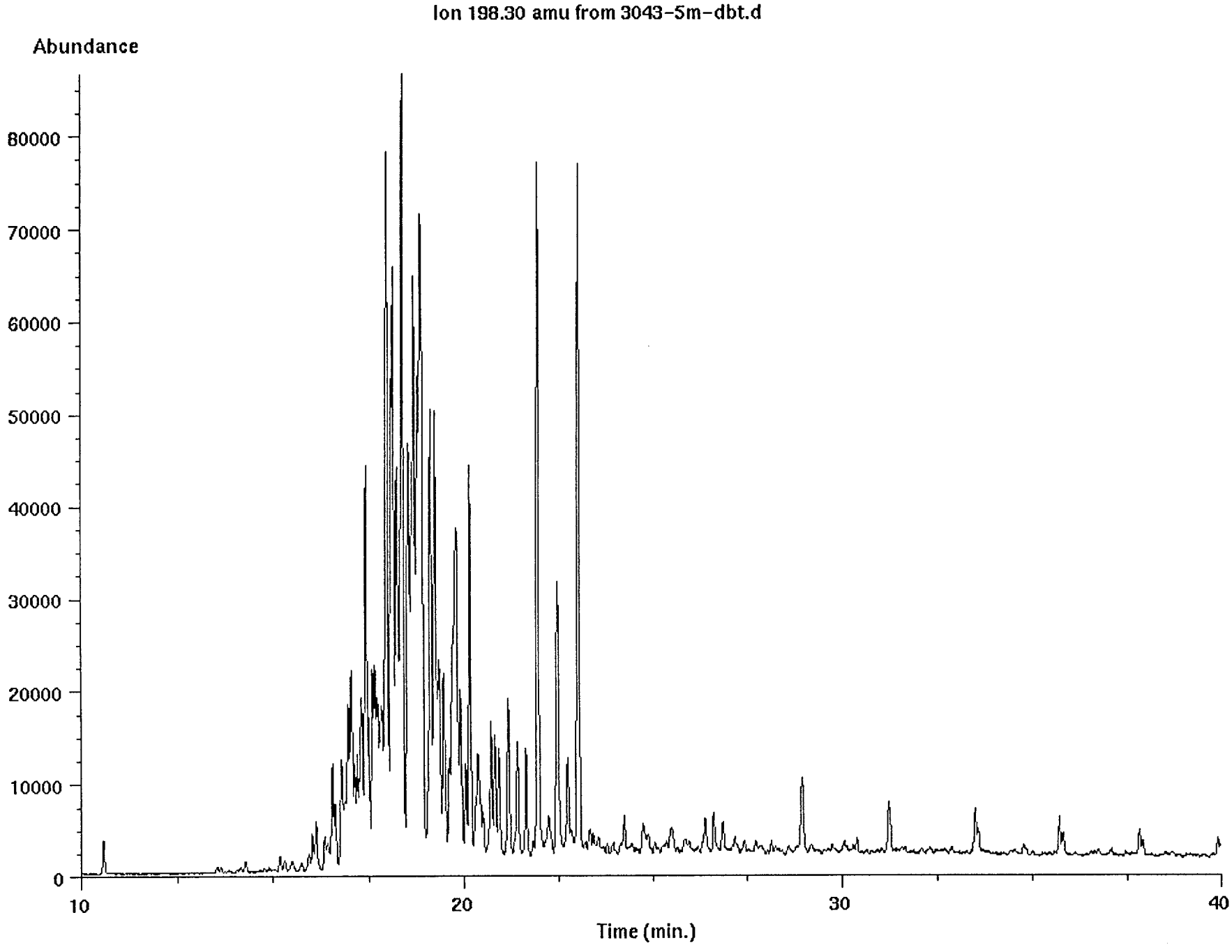
Date : Tue Jan 13 98 11:55:54 PM
Instrment: HP5971
Inlet : GC

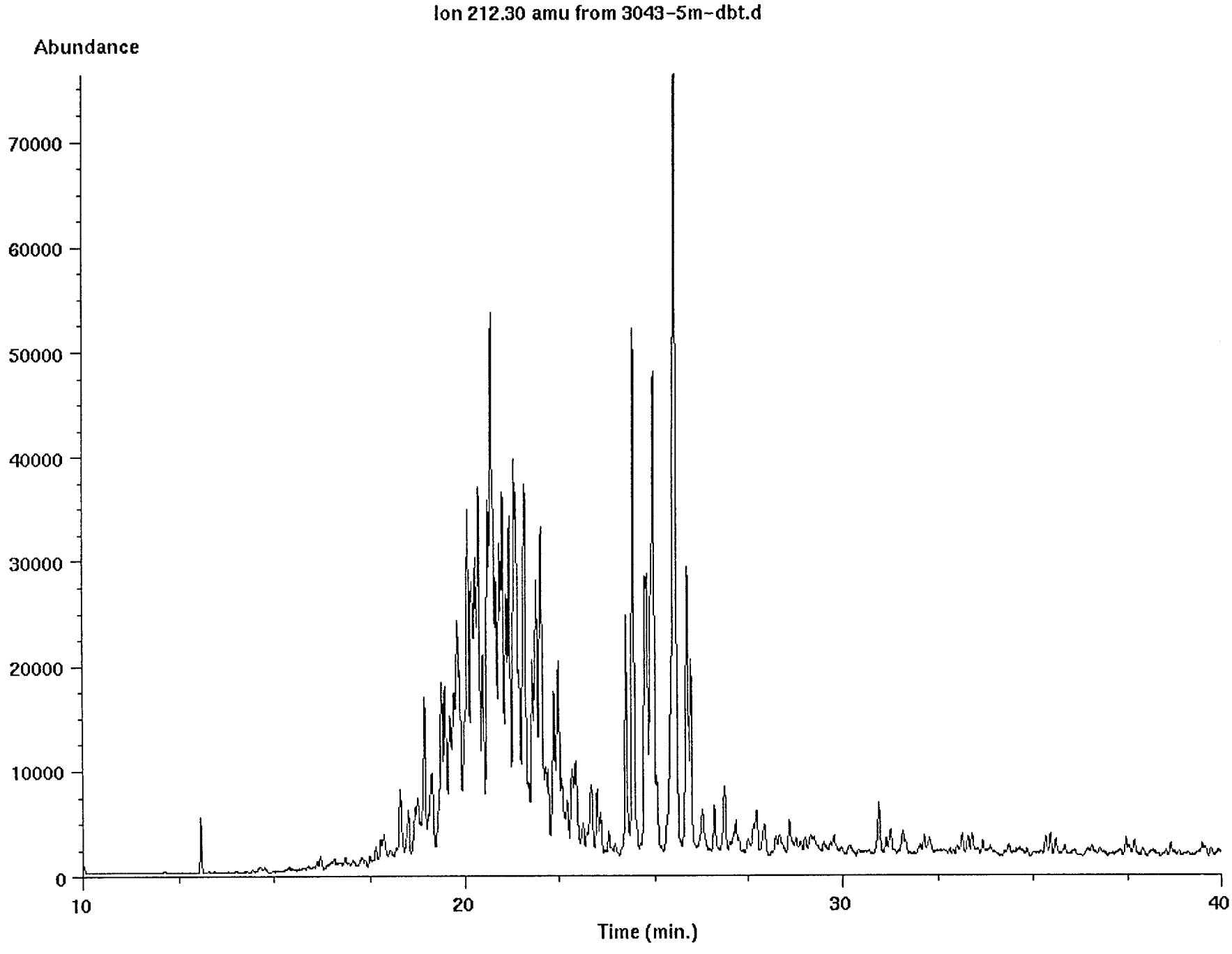
Sequence index : 1
Als bottle num : 3
Replicate num : 1

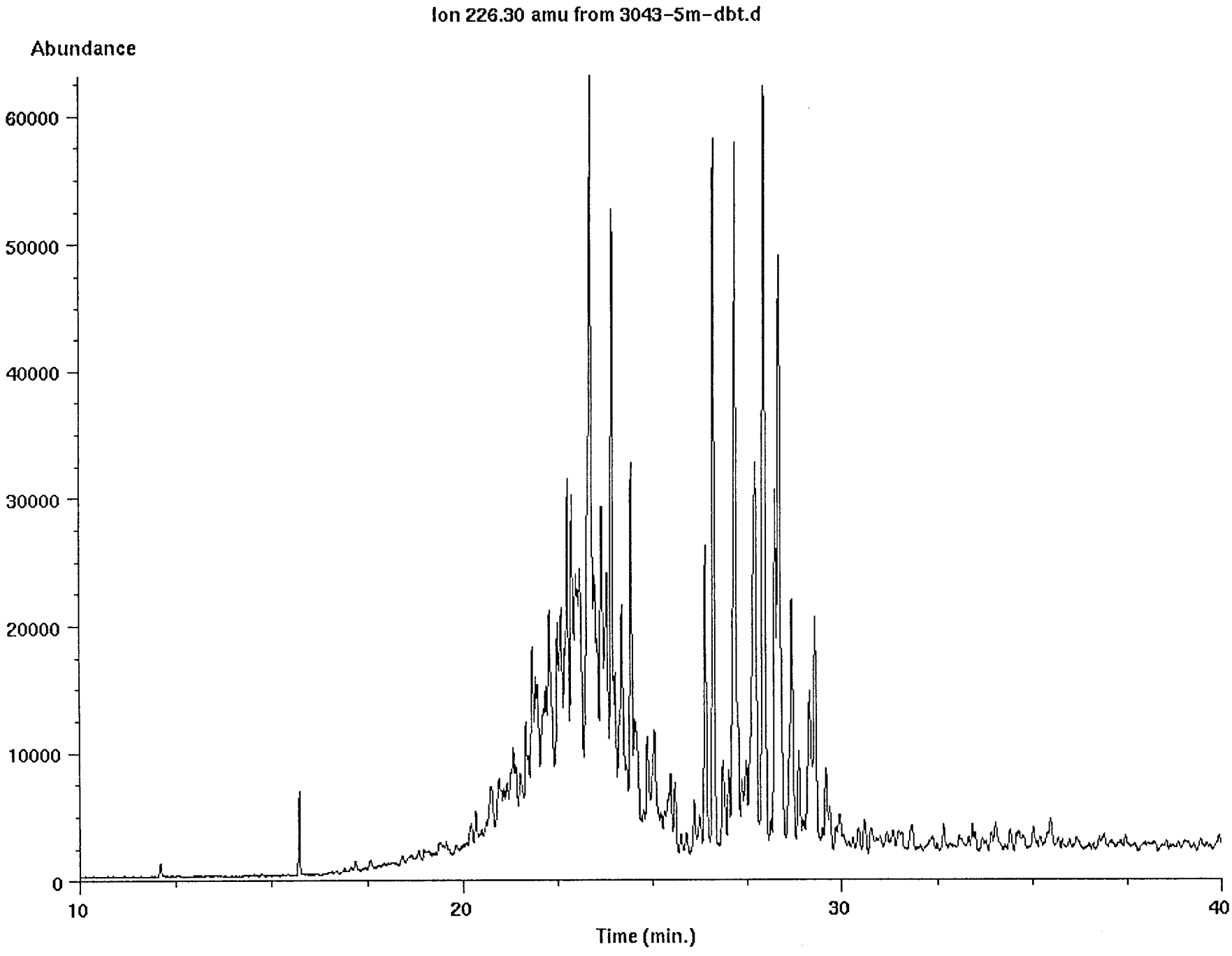

TIC of 3043-5m-dbt.d
Abundance
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
50
60
Time (min.)

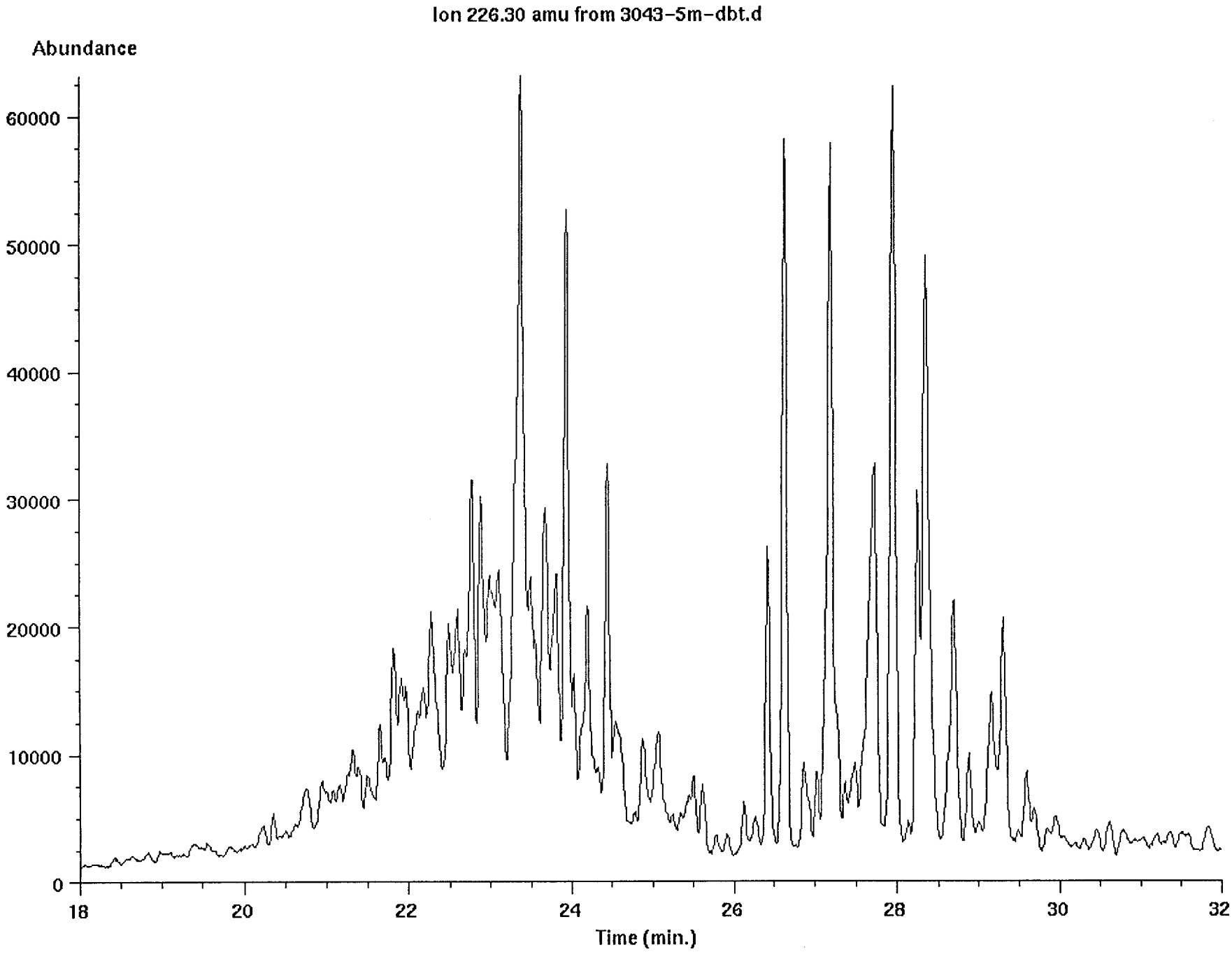

Ion 184.20 amu from 3043-5m-dbt.d
Abundance
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

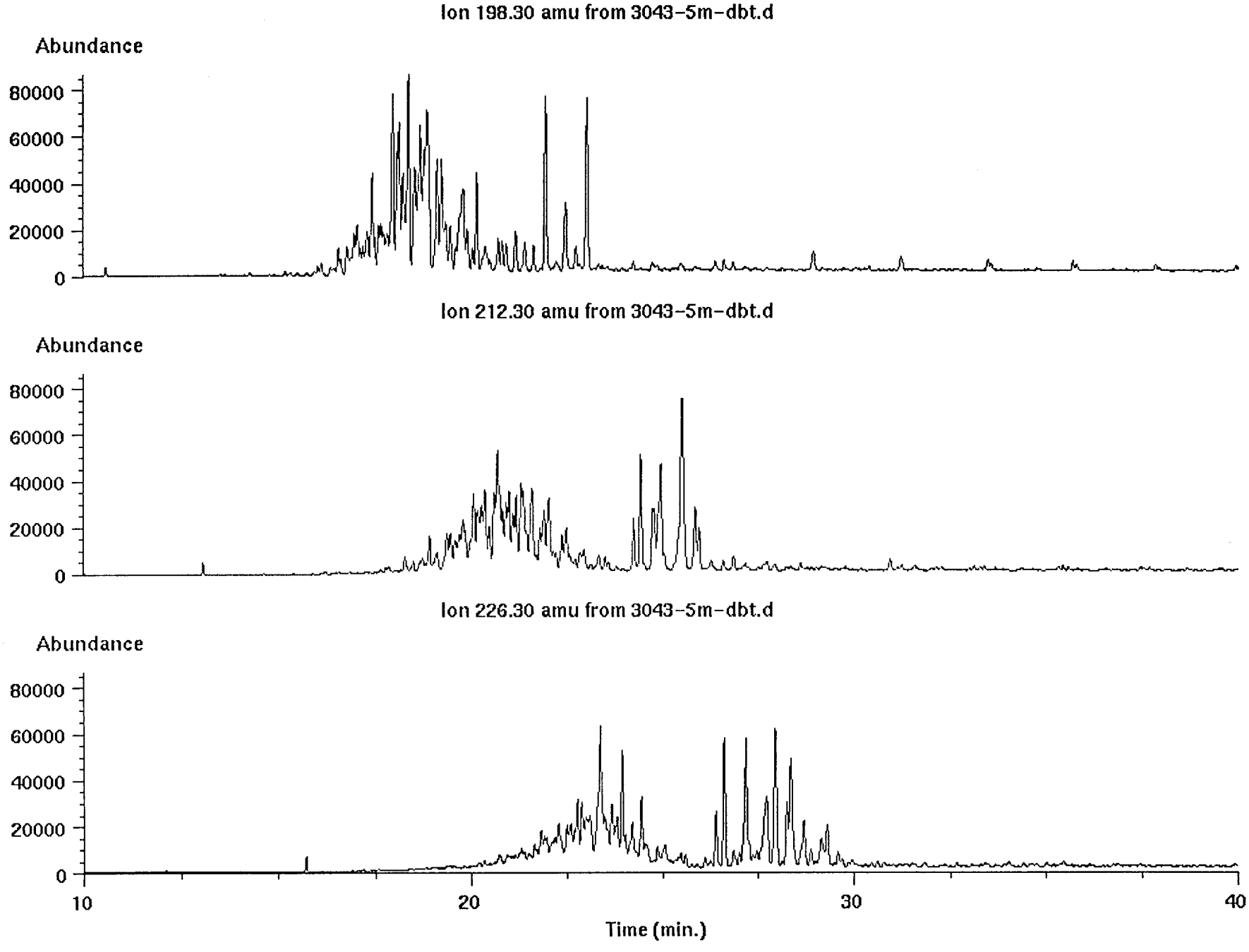

Ion 184.20 amu from 3043-5m-dbt.d
Abundance
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)

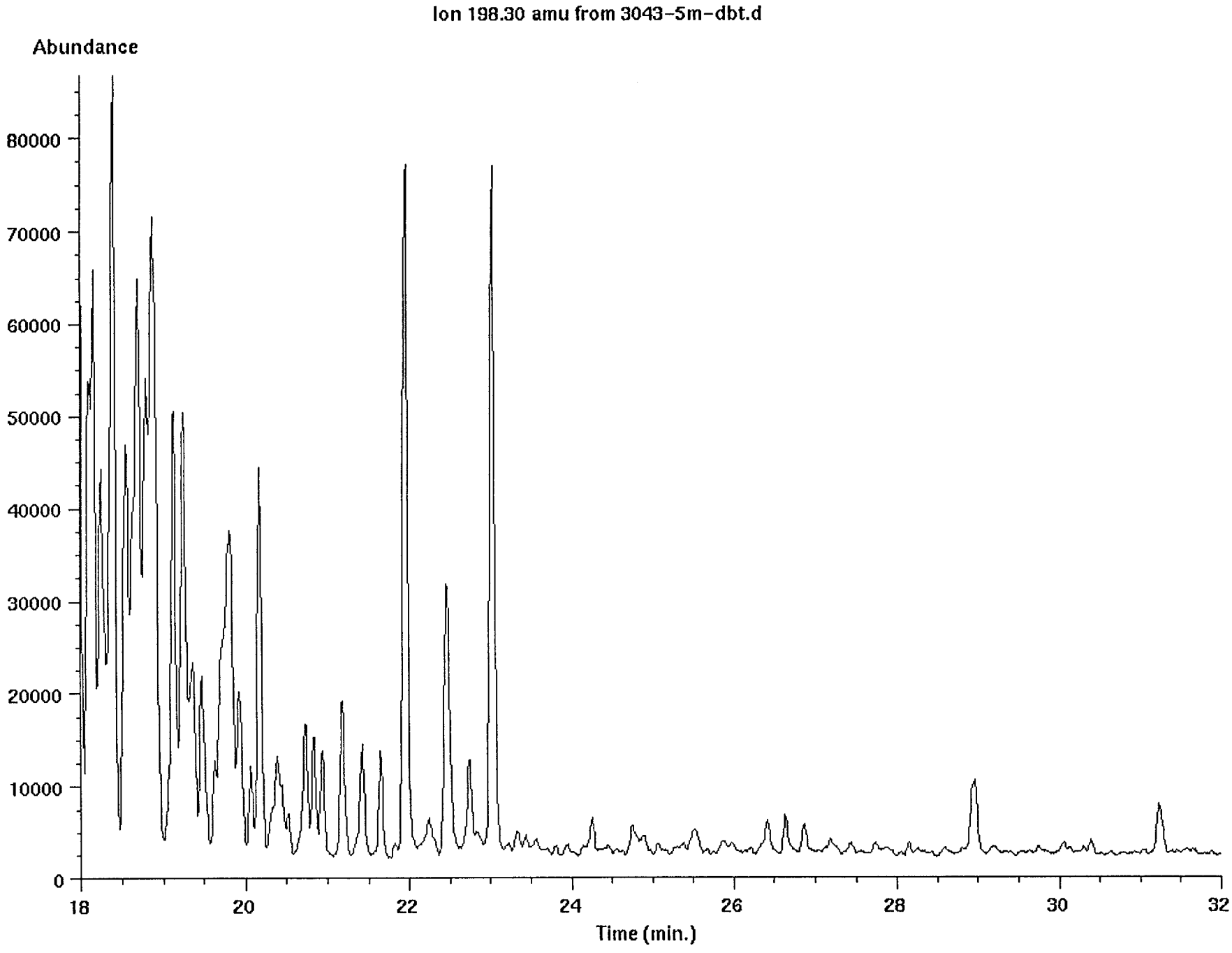

Ion 198.30 amu from 3043-5m-dbt.d
Abundance
80000
70000
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

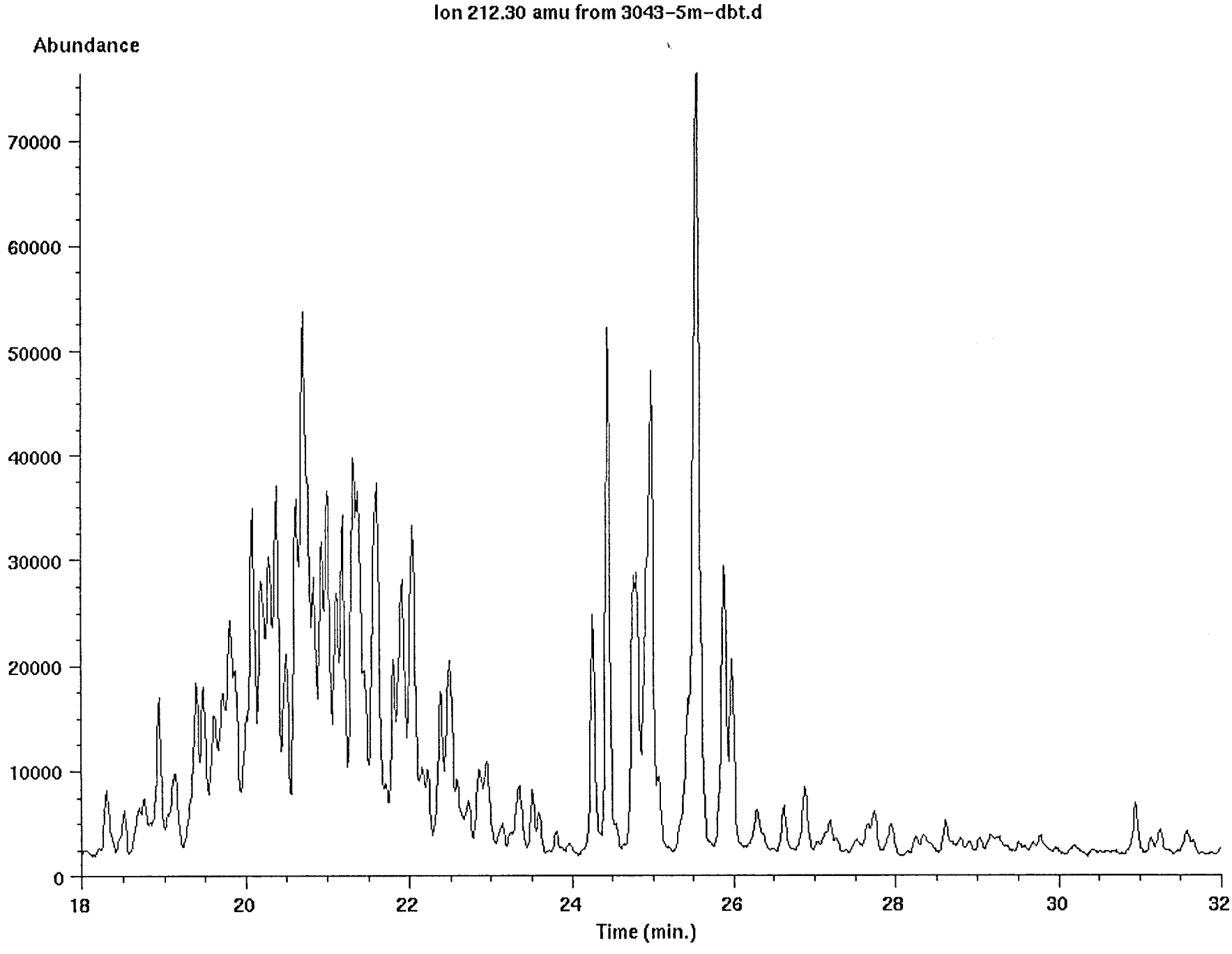

Ion 212.30 amu from 3043-5m-dbt.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

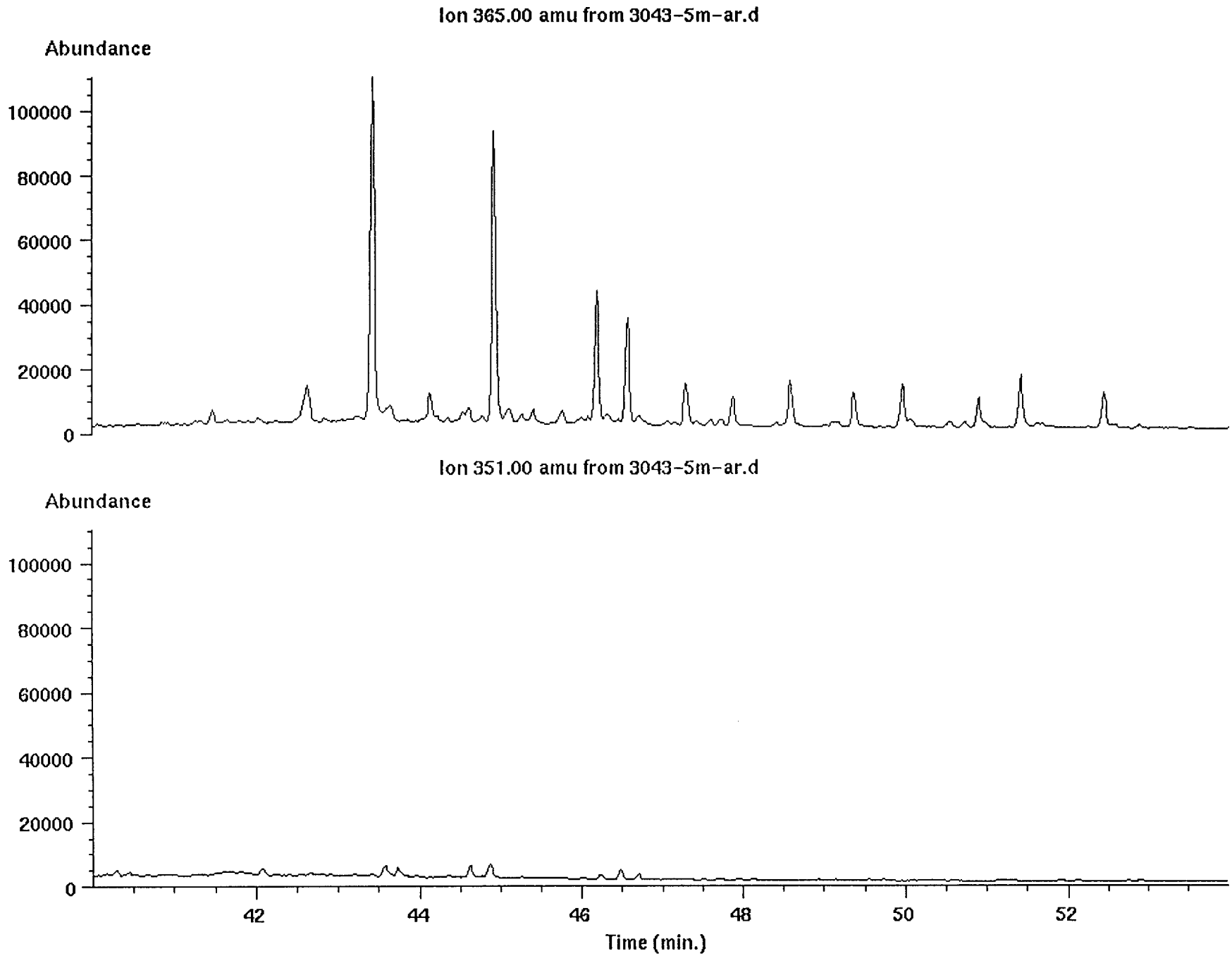

Ion 226.30 amu from 3043-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3043-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3043-5m-dbt.d
Abundance
80000
60000
40000
20000
0
Ion 212.30 amu from 3043-5m-dbt.d
Abundance
80000
60000
40000
20000
0
Ion 226.30 amu from 3043-5m-dbt.d
Abundance
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3043-5m-dbt.d
Abundance
80000
70000
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3043-5m-dbt.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 365.00 amu from 3043-5m-ar.d
Abundance
100000
80000
60000
40000
20000
0
Ion 351.00 amu from 3043-5m-ar.d
Abundance
100000
80000
60000
40000
20000
0
42
44
46
48
50
52
Time (min.)

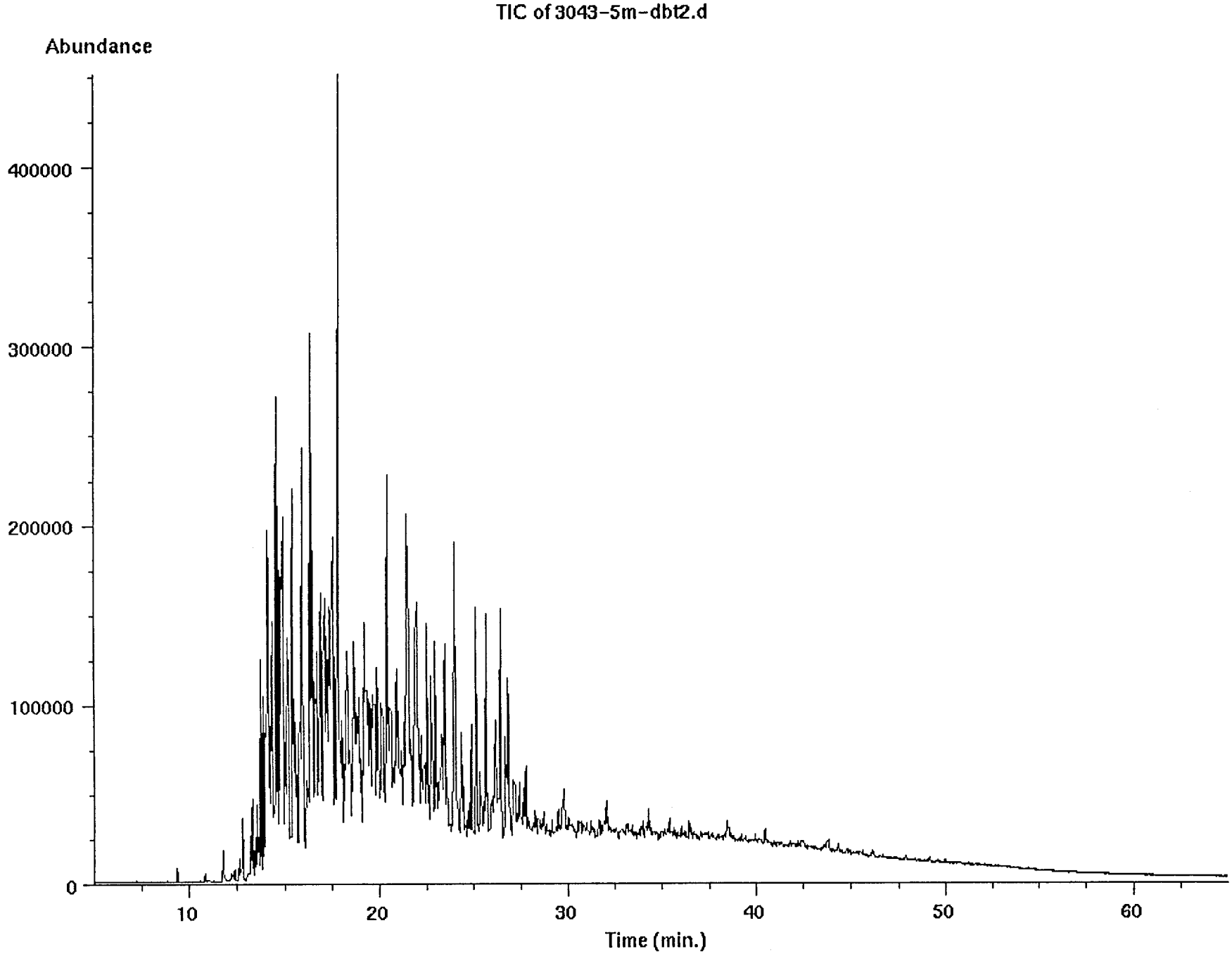
97036

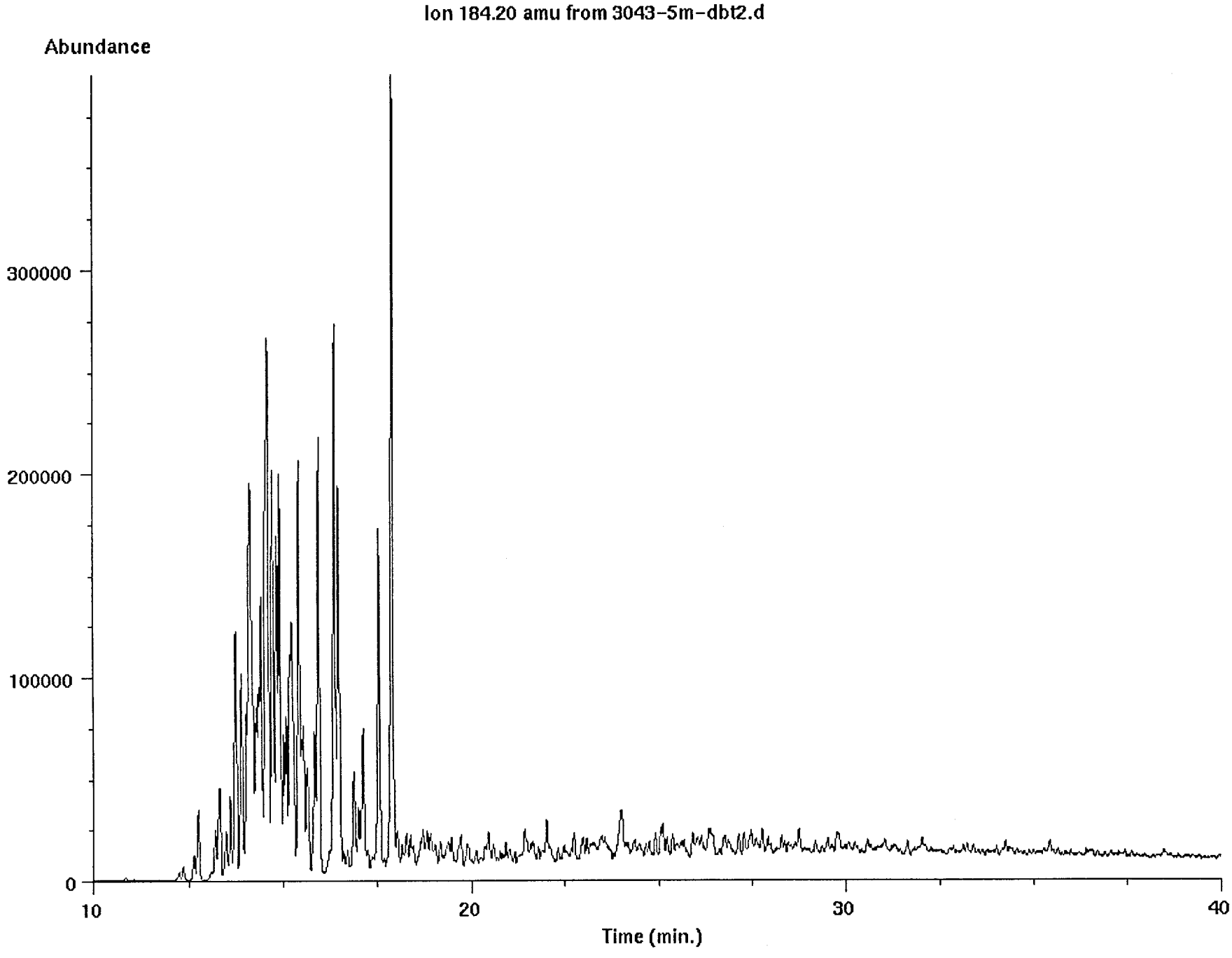
Data file: /chem/data2/chem/hp/Wessel/3043-5m-dbt2.d 03-2
File type: GC / MS DATA FILE

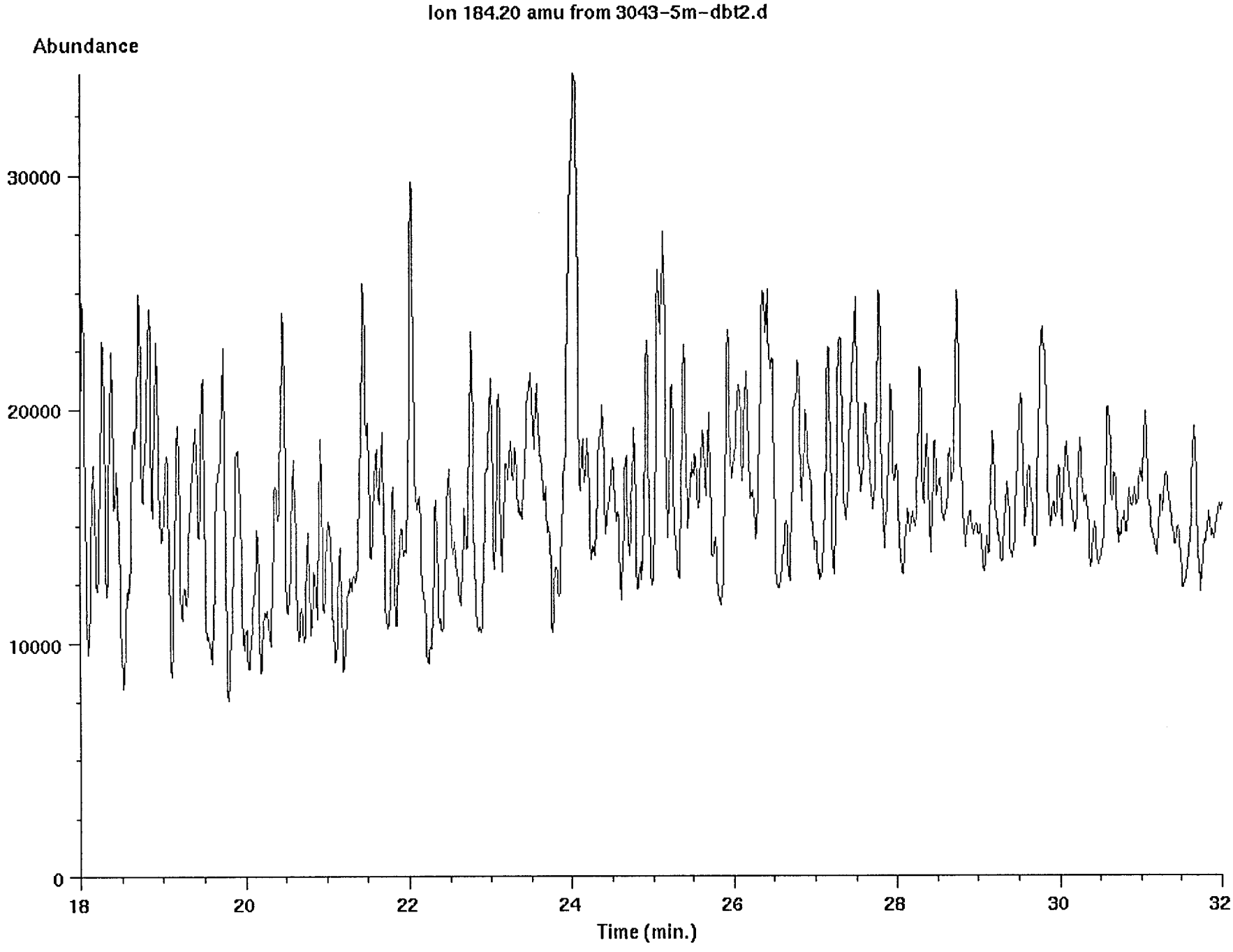
Name Info: Wessel 3043.5 ar
Misc Info:
Operator : PN

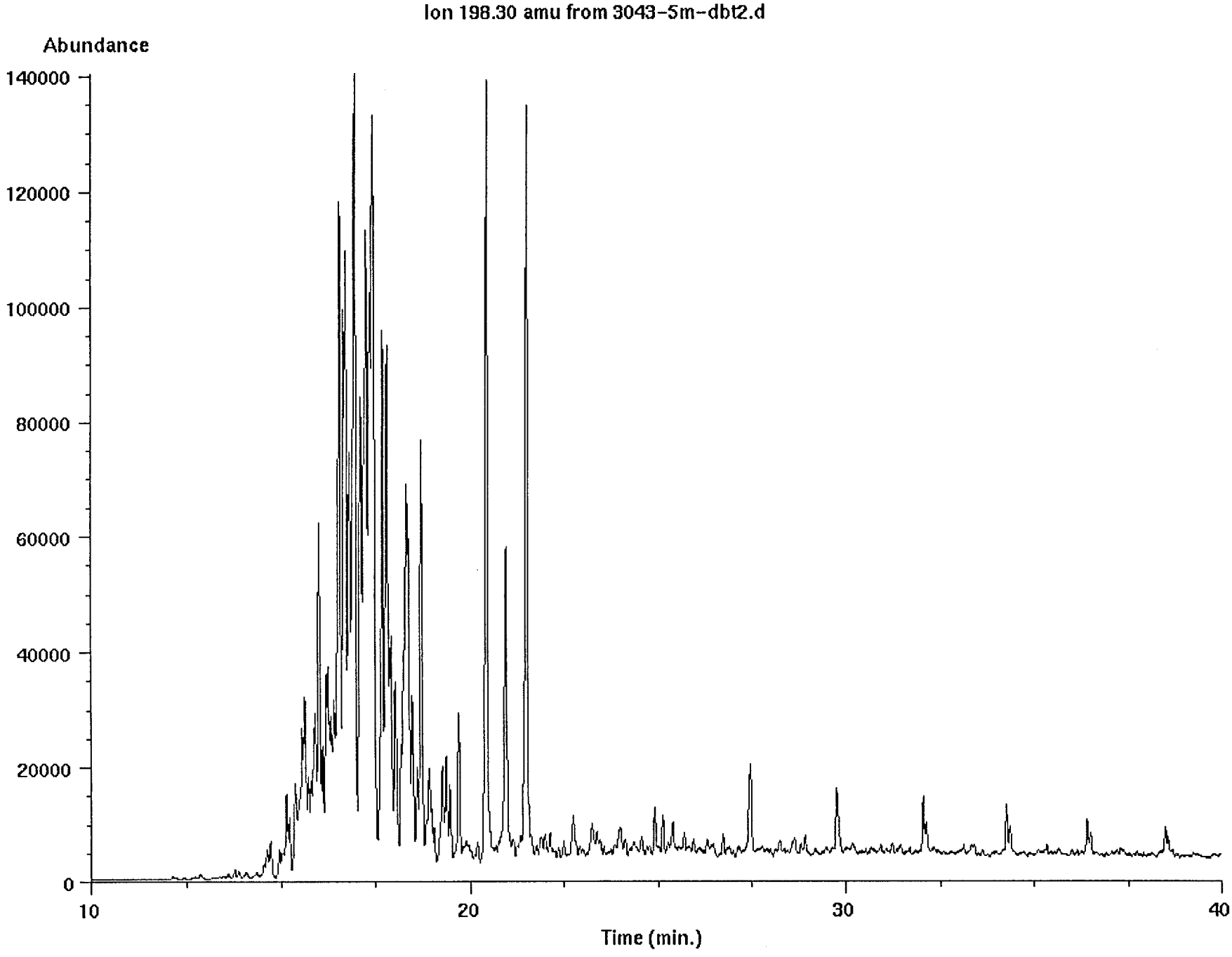
Date : Wed Nov 26 97 07:58:13 PM
Instrment: HP5971
Inlet : GC

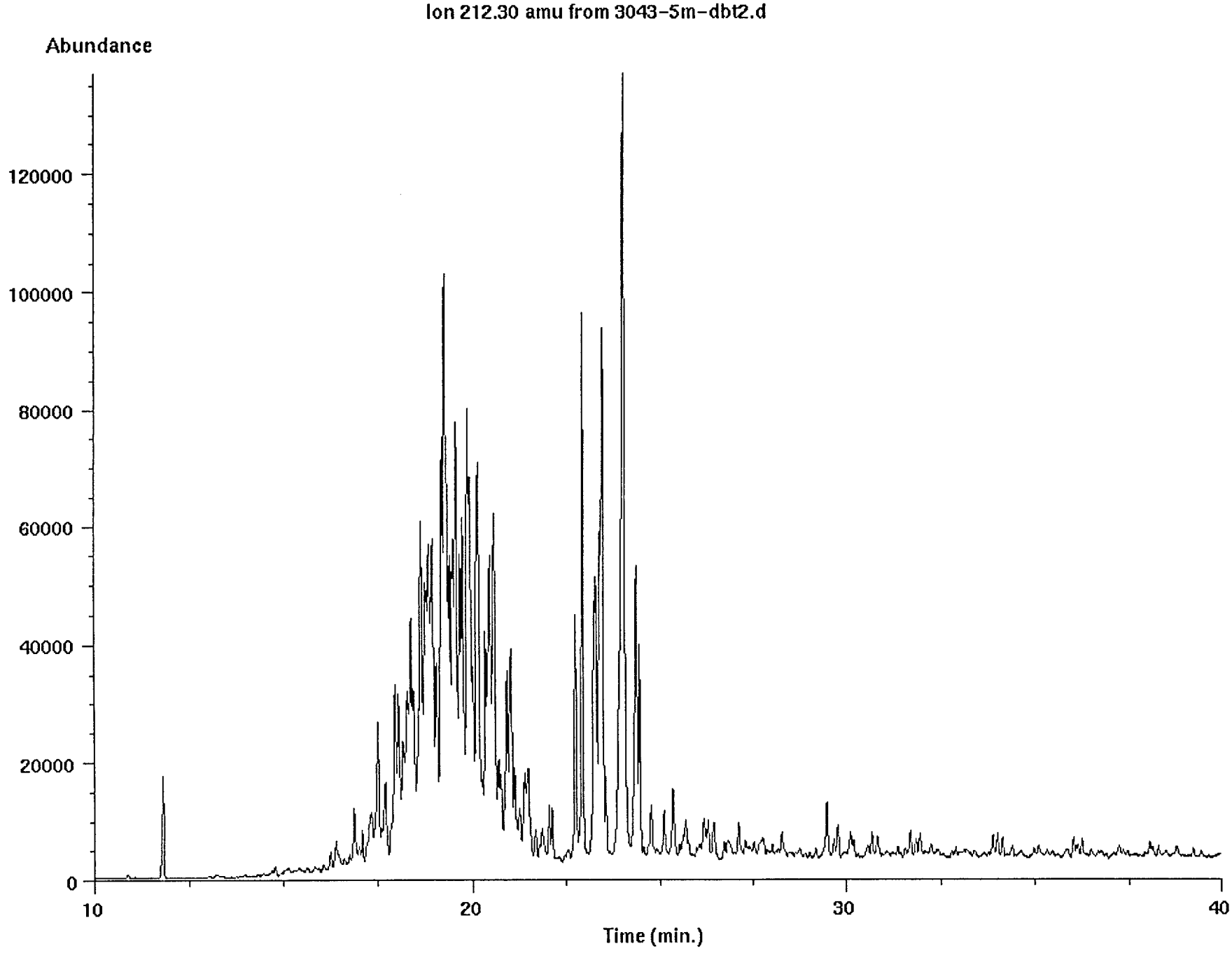
Sequence index : 1
Als bottle num : 3
Replicate num : 1

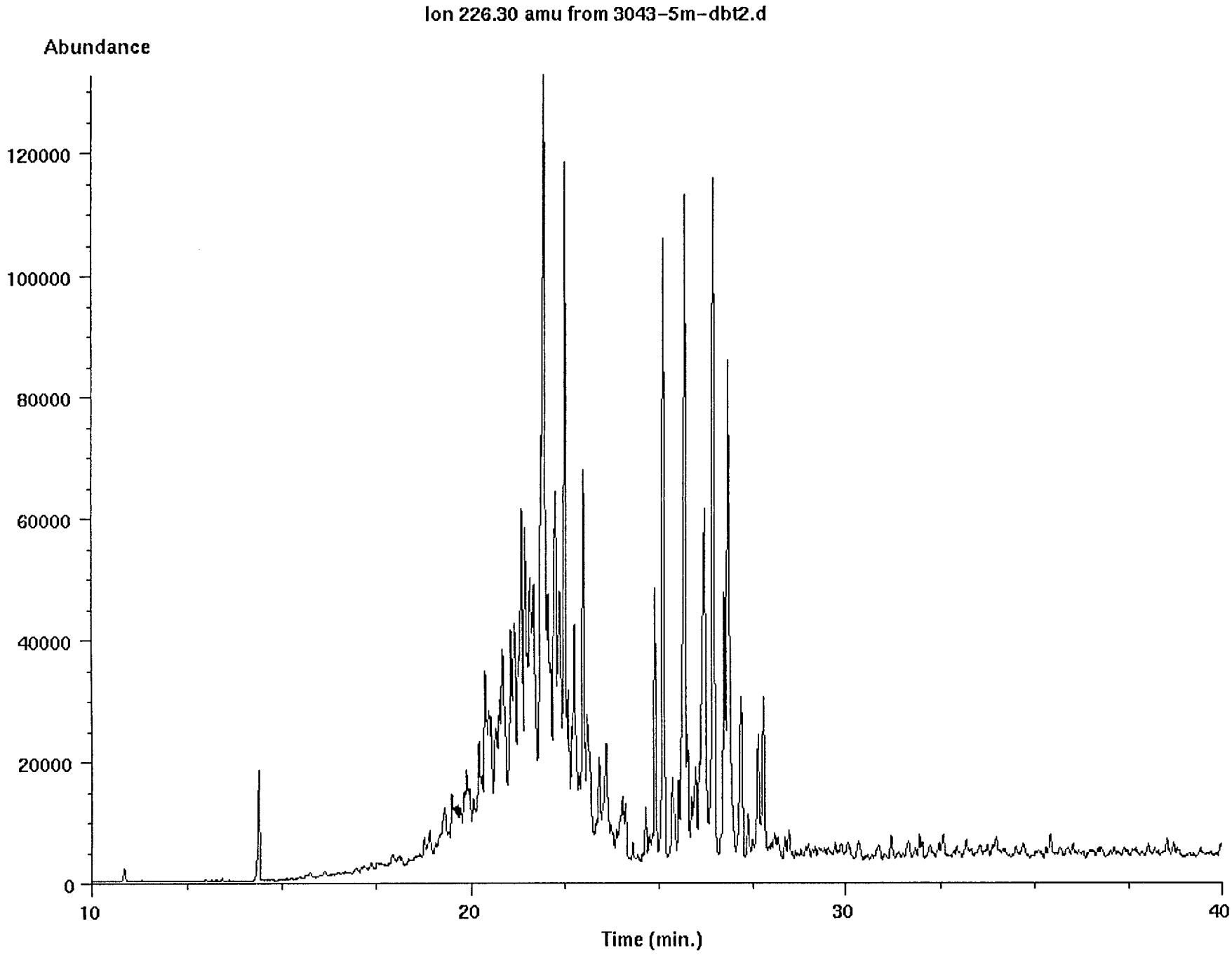

TIC of 3043-5m-dbt2.d
Abundance
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

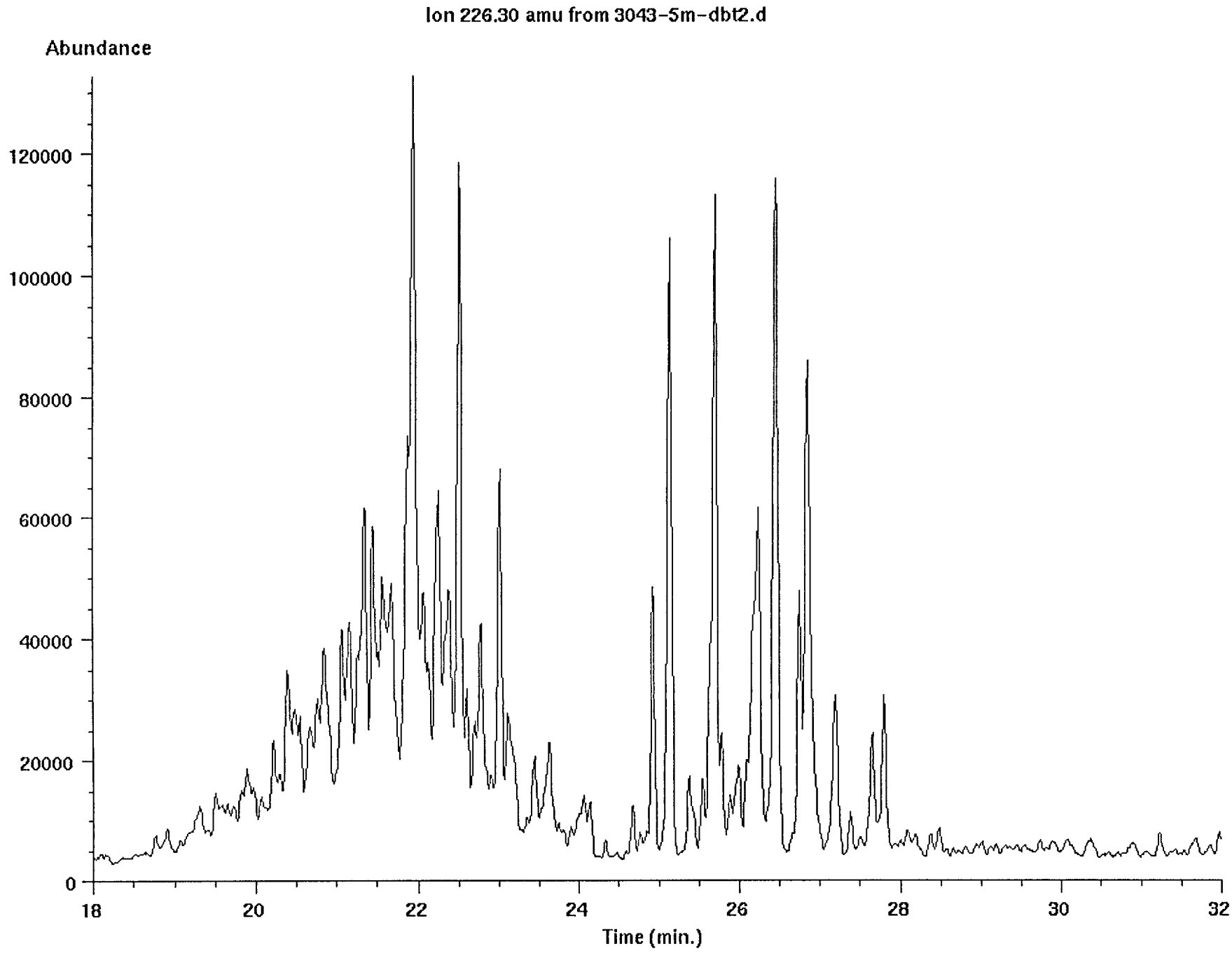

Ion 184.20 amu from 3043-5m-dbt2.d
Abundance
300000
200000
100000
0
10
20
30
40
Time (min.)

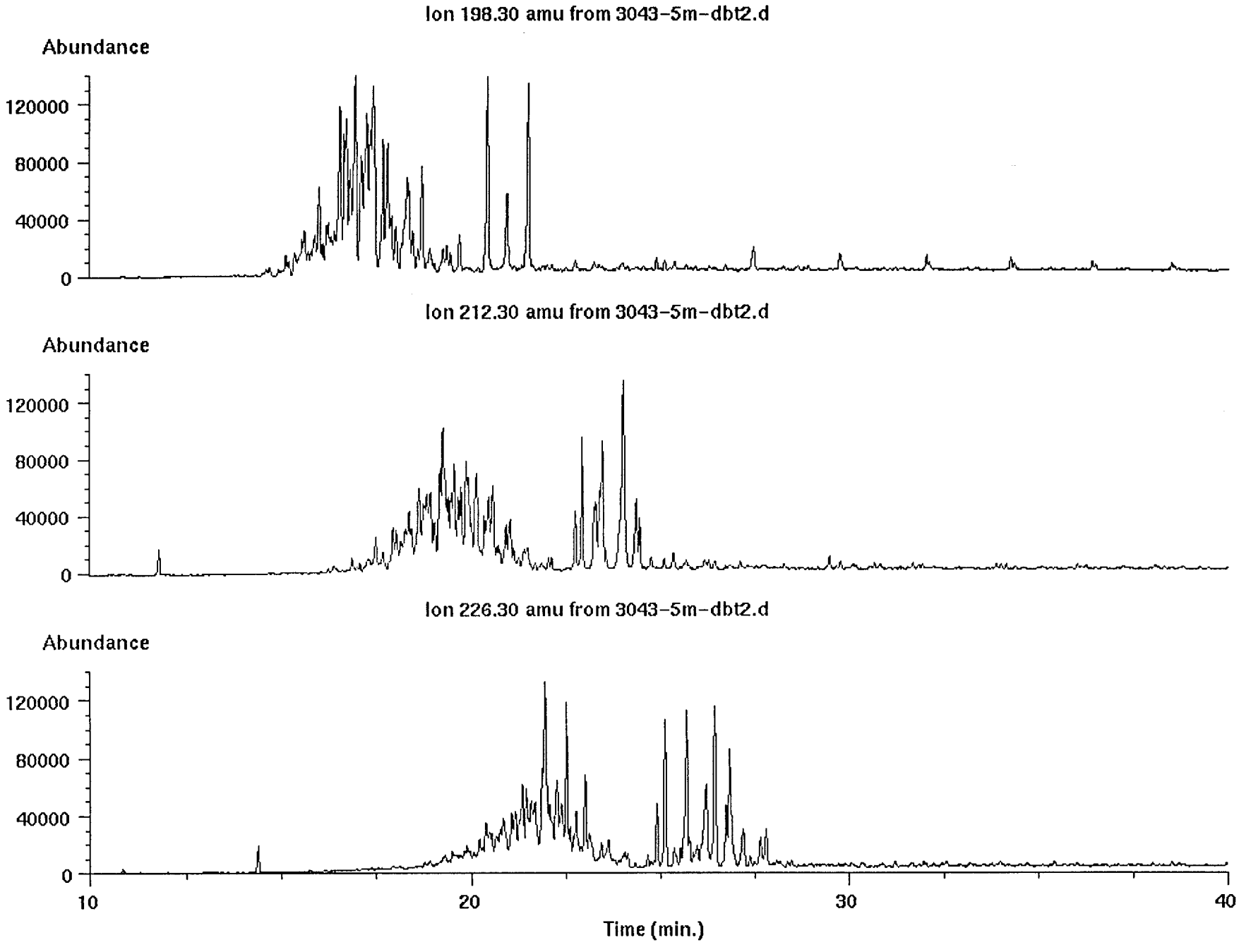

Ion 184.20 amu from 3043-5m-dbt2.d
Abundance
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)

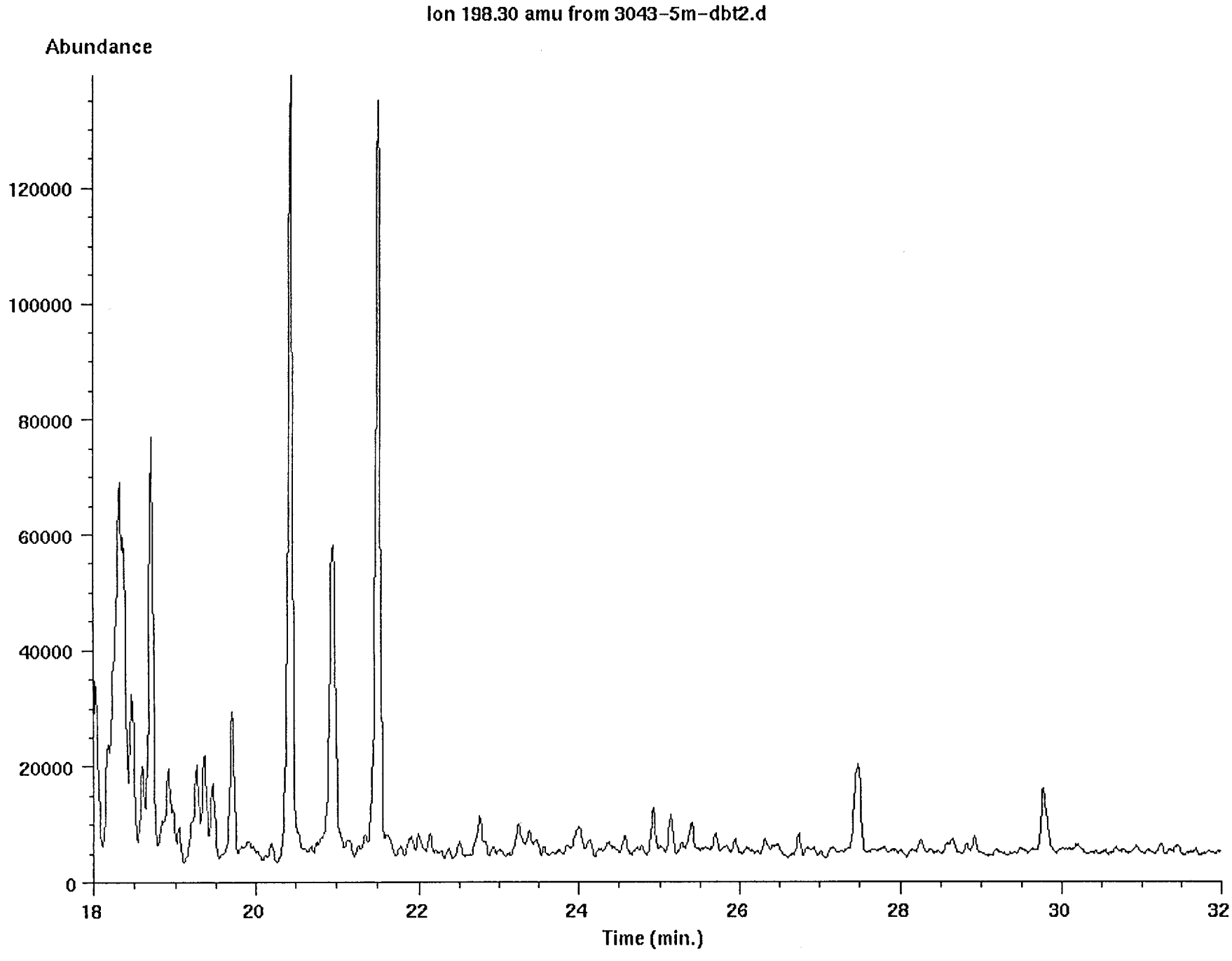

Ion 198.30 amu from 3043-5m-dbt2.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

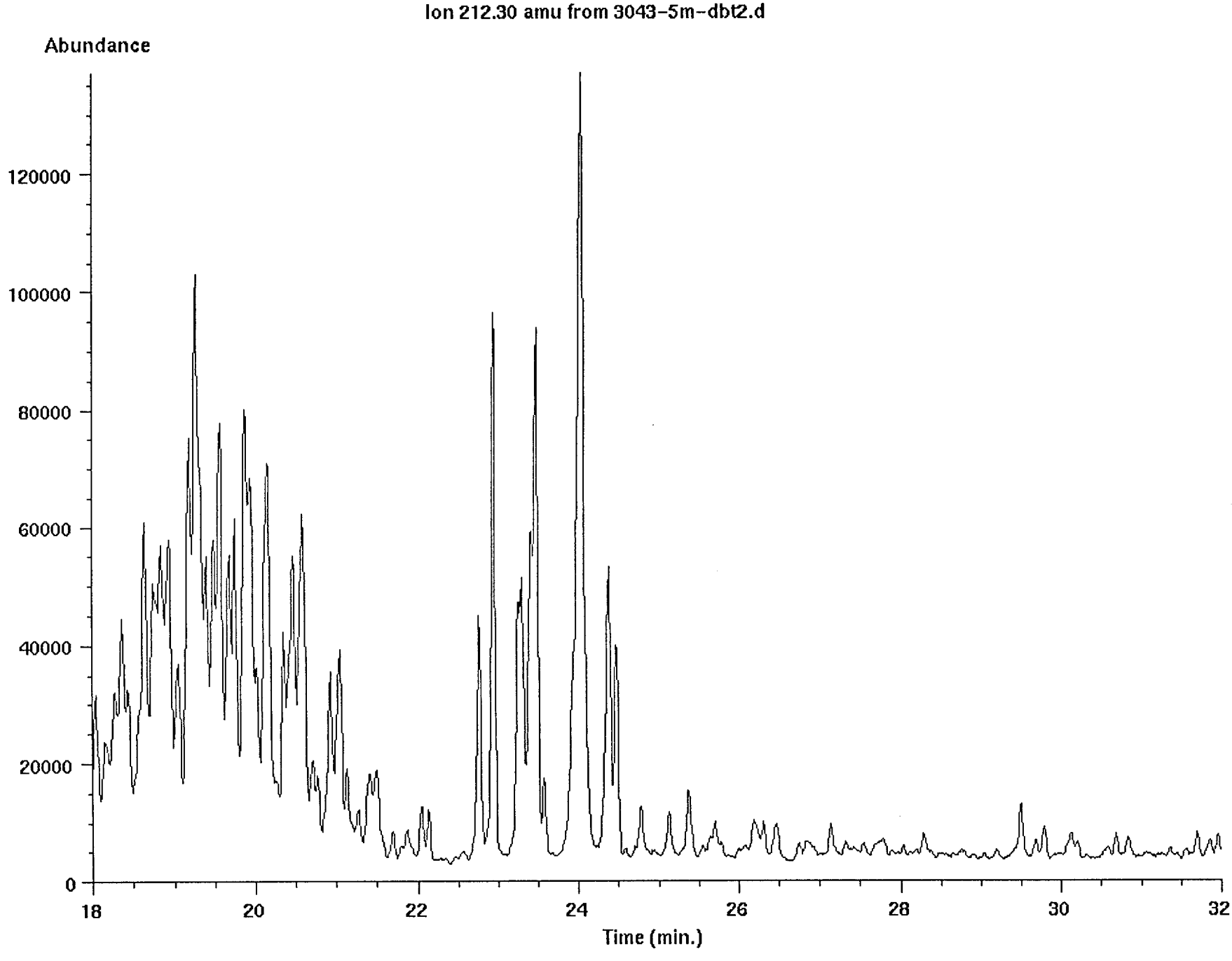

Ion 212.30 amu from 3043-5m-dbt2.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

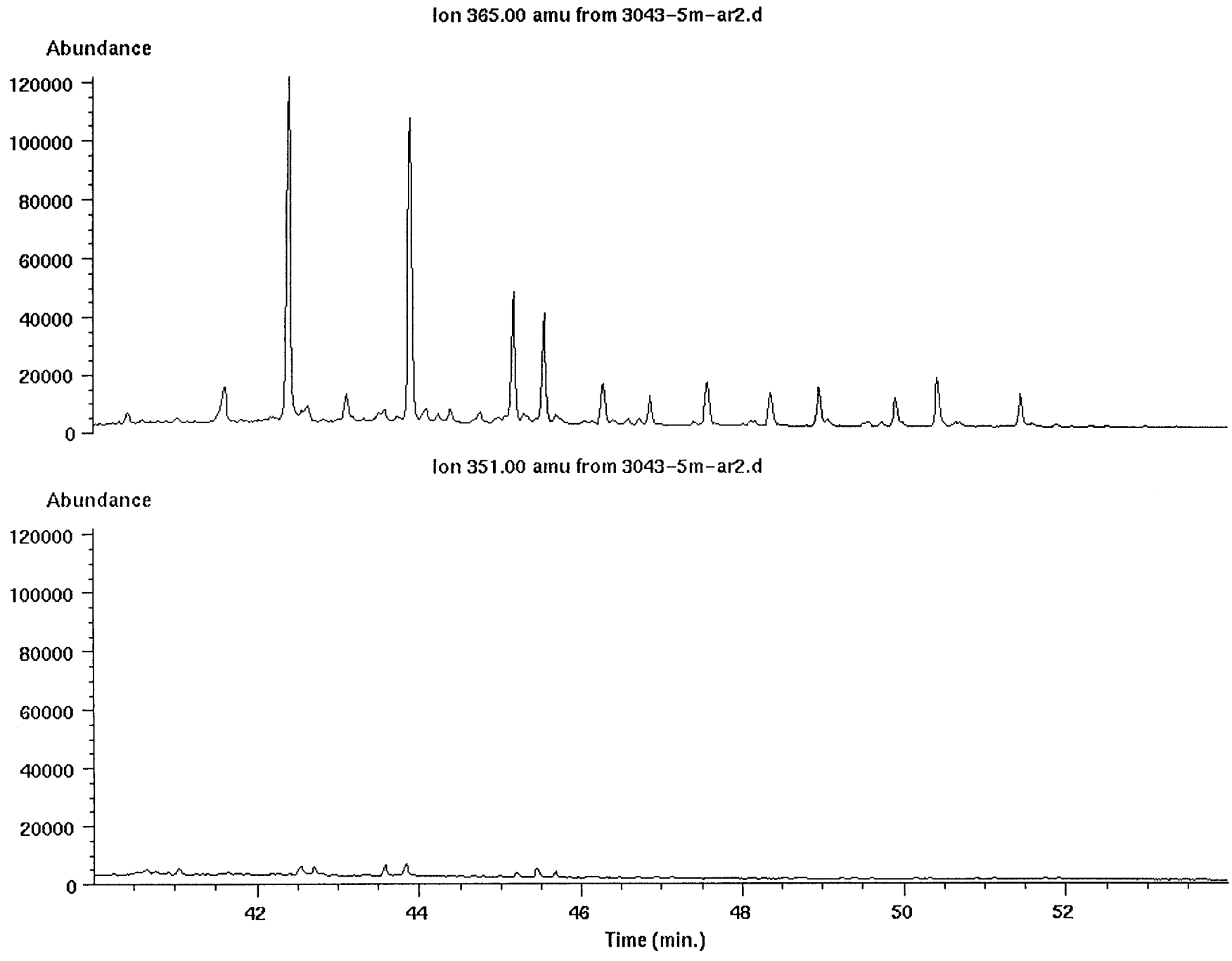

Ion 226.30 amu from 3043-5m-dbt2.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3043-5m-dbt2.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3043-5m-dbt2.d
Abundance
120000
80000
40000
0
Ion 212.30 amu from 3043-5m-dbt2.d
Abundance
120000
80000
40000
0
Ion 226.30 amu from 3043-5m-dbt2.d
Abundance
120000
80000
40000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3043-5m-dbt2.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3043-5m-dbt2.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)

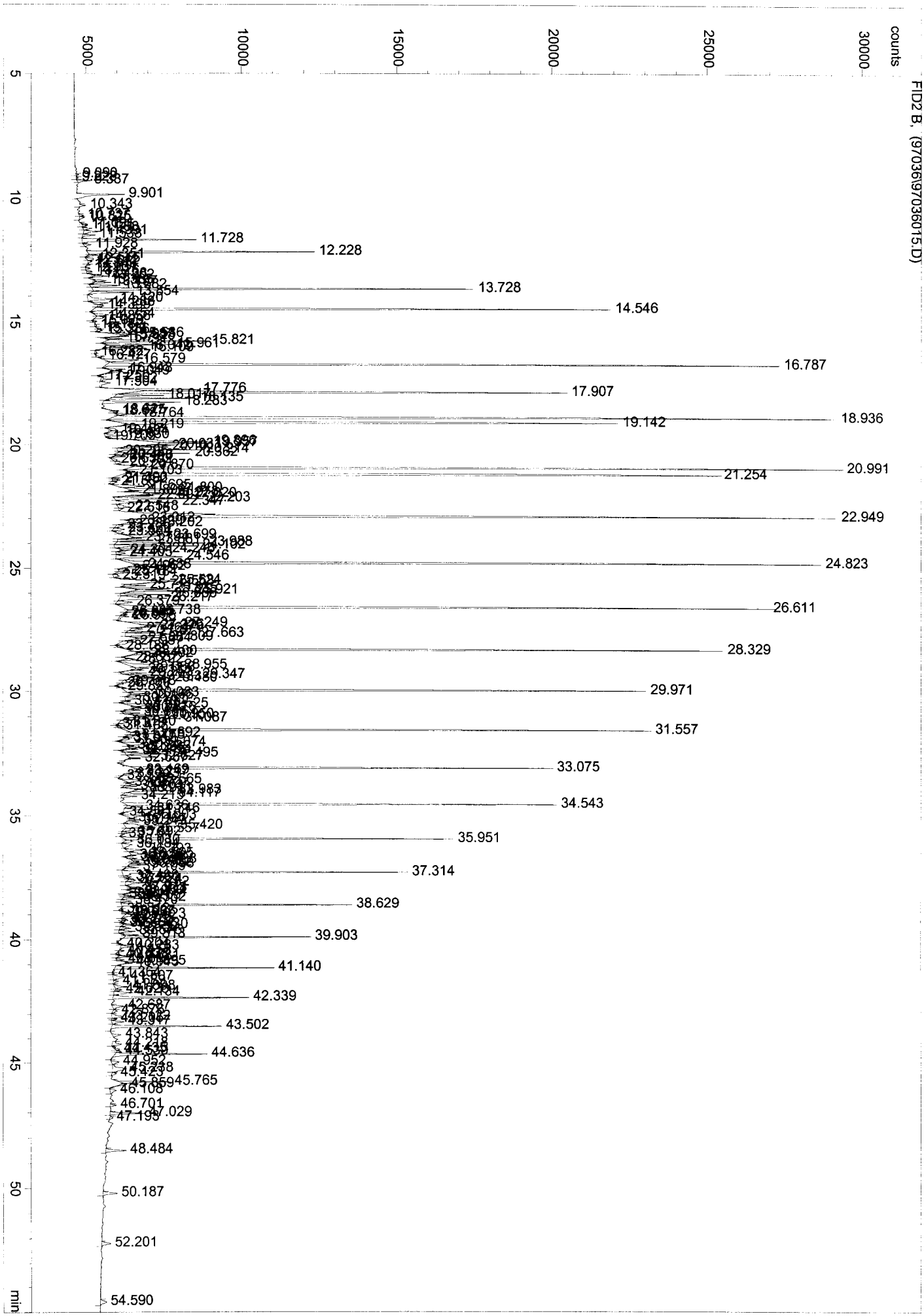

Ion 365.00 amu from 3043-5m-ar2.d
Abundance
120000
100000
80000
60000
40000
20000
0
Ion 351.00 amu from 3043-5m-ar2.d
Abundance
120000
100000
80000
60000
40000
20000
0
42
44
46
48
50
52
Time (min.)

97036-23, Wessel-1, 3044.5m, Mærsk, ali: 9.3 mg, kørt d
. 23. januar 1998.

==========

Injection Date	: 23-01-98 12:47:07	Seq. Line :	1
Sample Name	: 3044.5m	Vial :	1
Acq. Operator	: DD	Inj :	1
		Inj Volume :	1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:36:10 by per		
	(modified after loading)		

Metode baseret på Norsk Industristandard


5000
10000
15000
20000
25000
30000
counts
FID2 B, (97036\97036015.D)
min
9.901
10.343
11.728
12.228
13.728
14.546
15.821
16.787
17.907
18.936
19.142
20.991
21.254
22.949
24.823
26.611
28.329
29.971
31.557
33.075
34.543
35.951
37.314
38.629
39.903
41.140
42.339
43.502
44.636
45.765
46.701
47.199
48.484
50.187
52.201
54.590

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	9.090	PBA	0.1551	1151.20374	89.47376	0.07056
2	9.228	PBA	0.2037	1111.33960	66.26383	0.06812
3	9.337	BBA	0.0682	2194.73218	432.73077	0.13452
4	9.901	PBA	0.0634	7105.68359	1551.02234	0.43552
5	10.343	BBA	0.0961	1580.04138	216.64786	0.09684
6	10.737	PB	0.0412	414.82513	133.57744	0.02543
7	10.825	VBA	0.1260	1529.19067	153.75772	0.09373
8	11.091	PB	0.0359	426.24857	178.43623	0.02613
9	11.155	VB	0.0339	346.63248	150.51573	0.02125
10	11.268	VB	0.0423	871.40698	305.63254	0.05341
11	11.391	VB	0.0506	1924.48242	552.50140	0.11796
12	11.538	VB	0.0424	1124.47473	404.54904	0.06892
13	11.728	VB	0.0520	1.32999e4	3693.90747	0.81518
14	11.928	VB	0.0486	837.13165	246.66721	0.05131
15	12.228	PB	0.0490	2.37879e4	7311.84424	1.45801
16	12.351	VB	0.0367	744.98938	326.08884	0.04566
17	12.515	VB	0.0686	1163.55994	220.54436	0.07132
18	12.612	VB	0.0445	444.18784	134.48933	0.02723
19	12.746	VBA	0.1480	1335.25195	110.50970	0.08184
20	12.901	BBA	0.1175	1451.40637	154.69243	0.08896
21	13.026	BB	0.0405	571.47205	199.07521	0.03503
22	13.138	VB	0.0317	485.28467	249.04239	0.02974
23	13.202	VB	0.0409	1187.17383	462.96109	0.07276
24	13.385	VB	0.0451	1199.77905	367.15820	0.07354
25	13.457	VB	0.0413	1402.43298	539.76416	0.08596
26	13.582	VB	0.0512	3207.94849	978.81232	0.19662
27	13.728	VB	0.0479	3.77431e4	1.22821e4	2.31336
28	13.854	VB	0.0433	3764.95996	1318.72412	0.23076

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	14.120	VB	0.0645	4261.59570	929.92175	0.26120
30	14.288	VB	0.0467	1528.75549	485.68494	0.09370
31	14.399	VB	0.0468	583.19397	207.64265	0.03575
32	14.546	VB	0.0428	4.97744e4	1.66838e4	3.05078
33	14.754	VB	0.0509	1580.32068	429.36032	0.09686
34	14.856	VB	0.0661	1324.80701	261.46115	0.08120
35	15.029	VBA	0.1147	1340.17065	143.82321	0.08214
36	15.182	BB	0.0388	196.51198	67.83121	0.01204
37	15.311	VB	0.0317	246.55656	116.43860	0.01511
38	15.386	VB	0.0371	437.86224	181.85826	0.02684
39	15.536	VB	0.0494	2176.37988	613.60443	0.13340
40	15.587	VB	0.0229	132.49956	91.66325	0.00812
41	15.628	VB	0.0330	708.90051	344.09949	0.04345
42	15.717	VB	0.0362	1181.73633	547.70282	0.07243
43	15.821	VB	0.0594	1.22046e4	3280.64331	0.74805
44	15.961	VB	0.0390	5424.78711	2178.74023	0.33250
45	16.042	VB	0.0341	2264.58105	1094.00781	0.13880
46	16.109	VB	0.0339	2825.50366	1322.55701	0.17318
47	16.282	VB	0.0489	291.78864	81.17149	0.01788
48	16.427	VB	0.0428	747.59326	274.32065	0.04582
49	16.579	VB	0.0647	5029.33447	1092.95862	0.30826
50	16.787	VB	0.0437	6.63393e4	2.16871e4	4.06608
51	16.948	VB	0.0432	1701.52856	598.65234	0.10429
52	17.049	VB	0.0619	1658.17224	352.36984	0.10163
53	17.250	VB	0.0288	214.95581	105.24734	0.01318
54	17.362	VB	0.0458	1012.20245	320.79791	0.06204
55	17.504	VB	0.0665	1796.58911	352.50754	0.11012
56	17.776	VB	0.0554	7600.70117	2192.65210	0.46586
57	17.907	VB	0.0557	4.80335e4	1.41334e4	2.94408
58	18.017	VB	0.0416	4220.27002	1559.04199	0.25867
59	18.135	VB	0.0374	6758.76416	2771.62744	0.41426
60	18.283	VBA	0.0506	8266.71289	2498.49878	0.50669
61	18.625	PB	0.0334	484.80475	222.32001	0.02971
62	18.677	VB	0.0320	250.24406	121.84644	0.01534
63	18.764	VB	0.0356	1544.85144	676.73010	0.09469
64	18.936	VB	0.0480	7.61136e4	2.33724e4	4.66517
65	19.142	VB	0.0525	6.21872e4	1.59387e4	3.81159
66	19.219	VB	0.0389	1076.08911	381.49213	0.06596
67	19.407	VB	0.0693	1178.70312	213.94043	0.07225
68	19.494	VB	0.0438	1306.73694	425.66272	0.08009
69	19.630	VB	0.0454	1796.01270	575.68237	0.11008
70	19.709	VB	0.0306	146.70767	79.22498	0.00899
71	19.896	VB	0.0529	7168.66602	1822.63733	0.43938
72	19.957	VB	0.0349	3400.99609	1661.66797	0.20845
73	20.031	VB	0.0368	2261.89331	985.77551	0.13864
74	20.101	VB	0.0313	2731.70630	1431.65222	0.16743
75	20.214	VB	0.0379	6760.71387	2731.90063	0.41438
76	20.295	VB	0.0253	113.76688	72.42129	0.00697
77	20.362	VB	0.0371	5543.36816	2388.09644	0.33977

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	20.443	VB	0.0295	649.14349	368.90884	0.03979
79	20.498	VB	0.0303	764.60815	400.15967	0.04686
80	20.630	VB	0.0567	744.89642	161.76576	0.04566
81	20.734	VB	0.0418	1025.95605	354.39505	0.06288
82	20.870	VB	0.0258	806.87823	528.50781	0.04946
83	20.991	VB	0.0457	7.45337e4	2.30728e4	4.56833
84	21.103	VB	0.0392	598.56360	239.33936	0.03669
85	21.254	VB	0.0560	8.11927e4	1.93125e4	4.97648
86	21.393	VB	0.0298	532.54944	285.19373	0.03264
87	21.452	VB	0.0321	508.50449	256.69025	0.03117
88	21.531	VB	0.0432	688.79462	210.55235	0.04222
89	21.695	VB	0.0603	3820.25098	852.45911	0.23415
90	21.800	VB	0.0572	6208.32959	1568.18652	0.38052
91	21.890	VB	0.0258	453.92715	297.03625	0.02782
92	21.973	VB	0.0228	819.01166	603.45233	0.05020
93	22.020	VB	0.0378	2614.61328	1184.14282	0.16026
94	22.091	VB	0.0287	1541.40759	867.13428	0.09448
95	22.203	VB	0.0402	7636.25830	2859.46484	0.46804
96	22.347	VB	0.0395	5053.37646	2000.04932	0.30973
97	22.548	VB	0.0585	1818.88879	428.87534	0.11148
98	22.616	VB	0.0375	376.53745	143.80219	0.02308
99	22.949	VB	0.0425	6.41588e4	2.16794e4	3.93243
100	23.012	VB	0.0314	624.57050	298.05087	0.03828
101	23.129	VB	0.0542	763.58240	184.97981	0.04680
102	23.202	VB	0.0485	2949.30737	996.66071	0.18077
103	23.286	VB	0.0555	913.82886	224.30583	0.05601
104	23.430	VB	0.0526	1502.52856	361.05164	0.09209
105	23.564	VB	0.0402	865.67352	271.31677	0.05306
106	23.699	VB	0.0614	5427.42383	1337.15979	0.33266
107	23.794	VB	0.0305	739.78986	401.57434	0.04534
108	23.881	VB	0.0397	2976.09546	1167.39832	0.18241
109	23.988	VB	0.0544	9718.21387	2879.16992	0.59565
110	24.102	VB	0.0389	7179.38477	2713.10229	0.44004
111	24.246	VB	0.0354	3461.01636	1529.84424	0.21213
112	24.301	VB	0.0307	300.46619	169.33476	0.01842
113	24.405	VB	0.0529	1010.73883	310.87817	0.06195
114	24.546	VB	0.0544	8673.07324	2135.32520	0.53159
115	24.823	VB	0.0476	7.70443e4	2.21369e4	4.72222
116	24.888	VB	0.0309	597.68268	291.65393	0.03663
117	24.962	VB	0.0461	1236.66992	342.45514	0.07580
118	25.113	VB	0.0389	932.58856	330.46286	0.05716
119	25.184	VB	0.0414	1206.84814	434.97086	0.07397
120	25.319	VB	0.0571	823.36511	181.07225	0.05047
121	25.524	VB	0.0167	351.66702	612.08521	0.02155
122	25.568	VB	0.0362	765.52429	306.31009	0.04692
123	25.711	VB	0.0374	1920.84607	736.52600	0.11773
124	25.835	VB	0.0458	3672.89453	1230.21570	0.22512
125	25.921	VB	0.0431	5297.75000	1865.27051	0.32471
126	26.066	VB	0.0365	3635.46802	1601.64880	0.22283

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	26.217	VB	0.0664	7742.80127	1521.97058	0.47457
128	26.379	VB	0.0525	2167.85376	511.10611	0.13287
129	26.611	VB	0.0468	6.90184e4	2.07501e4	4.23029
130	26.738	VB	0.0401	2300.97021	864.20514	0.14103
131	26.805	VB	0.0255	201.36400	104.53108	0.01234
132	26.887	VB	0.0322	358.31134	188.05441	0.02196
133	26.956	VBA	0.0913	2154.90332	305.57935	0.13208
134	27.249	PB	0.0578	5852.95898	1399.23096	0.35874
135	27.326	VB	0.0240	534.93744	328.36786	0.03279
136	27.379	VB	0.0308	809.87799	414.78400	0.04964
137	27.464	VB	0.0427	1043.53516	372.34552	0.06396
138	27.571	VB	0.0328	1935.54712	909.28729	0.11863
139	27.663	VB	0.0565	9192.90430	2305.60645	0.56345
140	27.809	VB	0.0375	2350.07959	1034.44641	0.14404
141	27.864	VB	0.0558	1003.35205	230.28831	0.06150
142	27.987	VB	0.0671	2541.37256	470.05524	0.15577
143	28.188	VB	0.0368	462.11453	164.51831	0.02832
144	28.329	VB	0.0439	6.21351e4	1.91079e4	3.80840
145	28.400	VB	0.0366	994.12006	436.49649	0.06093
146	28.492	VB	0.0498	1489.32727	405.84500	0.09128
147	28.657	VB	0.0347	273.96939	134.96765	0.01679
148	28.722	VB	0.0343	1101.52319	424.24164	0.06751
149	28.955	VB	0.0798	1.02157e4	1637.47034	0.62614
150	29.063	VB	0.0300	854.65979	414.68610	0.05238
151	29.133	VB	0.0342	866.17426	417.68393	0.05309
152	29.253	VB	0.0357	1936.08875	816.32251	0.11867
153	29.347	VB	0.0394	5579.30469	2216.96802	0.34197
154	29.433	VB	0.0273	534.95856	323.27145	0.03279
155	29.480	VB	0.0276	1598.62988	951.10797	0.09798
156	29.618	VB	0.0472	758.93549	214.83685	0.04652
157	29.700	VB	0.0458	488.69519	146.95087	0.02995
158	29.831	VB	0.0281	380.10010	176.89589	0.02330
159	29.971	VB	0.0447	5.42736e4	1.67831e4	3.32655
160	30.083	VB	0.0308	1513.57385	711.93018	0.09277
161	30.166	VB	0.0349	1372.65979	574.43329	0.08413
162	30.281	VB	0.0478	1783.13965	464.32428	0.10929
163	30.410	VB	0.0296	603.40125	274.99054	0.03698
164	30.525	VB	0.0531	4237.26660	1121.64978	0.25971
165	30.621	VB	0.0197	240.81708	178.98019	0.01476
166	30.676	VB	0.0318	1029.03345	527.54211	0.06307
167	30.747	VB	0.0369	1063.38049	498.88309	0.06518
168	30.866	VB	0.0363	1309.70837	538.98907	0.08027
169	30.950	VB	0.0342	2283.14966	1098.45386	0.13994
170	31.010	VB	0.0337	1417.67236	728.59851	0.08689
171	31.087	VB	0.0383	3984.52759	1700.95569	0.24422
172	31.240	VB	0.0508	1296.75000	323.55341	0.07948
173	31.318	VB	0.0222	89.02650	56.92371	0.00546
174	31.408	VB	0.0359	350.84384	132.62115	0.02150
175	31.557	VB	0.0434	5.26716e4	1.69007e4	3.22836

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	31.692	VB	0.0387	2084.74707	742.66486	0.12778
177	31.778	VB	0.0291	759.02765	383.27390	0.04652
178	31.847	VB	0.0253	159.89233	101.77524	0.00980
179	31.913	VB	0.0479	848.21045	230.92030	0.05199
180	32.074	VB	0.0566	4503.71875	1128.26196	0.27604
181	32.174	VB	0.0221	192.41536	144.79034	0.01179
182	32.233	VB	0.0341	1074.65295	499.04376	0.06587
183	32.305	VB	0.0323	802.76819	385.79962	0.04920
184	32.415	VB	0.0381	1298.28845	520.42688	0.07957
185	32.495	VB	0.0357	3389.83276	1482.59216	0.20777
186	32.627	VB	0.0585	3594.98145	882.06915	0.22034
187	32.687	VBA	0.0643	1736.90710	366.46408	0.10646
188	33.075	BB	0.0456	3.99273e4	1.34460e4	2.44723
189	33.169	VB	0.0427	678.06049	199.07622	0.04156
190	33.247	VB	0.0361	805.40039	374.95367	0.04936
191	33.323	VB	0.0312	666.16046	285.40964	0.04083
192	33.398	VBA	0.2047	1374.65393	79.89283	0.08426
193	33.565	PB	0.0553	3600.32886	1015.96509	0.22067
194	33.667	VB	0.0155	91.98256	93.19651	0.00564
195	33.727	VB	0.0332	1027.61682	539.13708	0.06298
196	33.803	VB	0.0323	999.19897	426.84866	0.06124
197	33.911	VB	0.0349	855.30127	370.88022	0.05242
198	33.983	VB	0.0386	3179.17358	1295.11243	0.19486
199	34.117	VB	0.0361	3932.62402	1635.29297	0.24104
200	34.215	VB	0.0388	1403.44531	515.35815	0.08602
201	34.543	BB	0.0443	4.19373e4	1.38662e4	2.57043
202	34.636	VB	0.0409	1638.52588	503.81711	0.10043
203	34.746	VB	0.0517	3313.98120	927.99219	0.20312
204	34.881	VB	0.0303	203.44748	111.34319	0.01247
205	35.003	VB	0.0531	2861.54956	811.51471	0.17539
206	35.112	VB	0.0218	145.51343	107.69419	0.00892
207	35.167	VB	0.0338	688.91327	337.86972	0.04223
208	35.249	VB	0.0379	1225.42896	421.39798	0.07511
209	35.420	VB	0.0590	7042.75635	1641.86609	0.43167
210	35.557	VB	0.0548	3665.67456	912.93536	0.22468
211	35.692	VB	0.0334	864.70154	397.83878	0.05300
212	35.764	VBA	0.1767	1491.73657	101.96426	0.09143
213	35.951	BB	0.0429	2.98359e4	1.05788e4	1.82871
214	36.030	VB	0.0559	1139.55566	251.22023	0.06985
215	36.184	VB	0.0763	1924.81995	338.57217	0.11798
216	36.393	VB	0.0439	2063.35742	602.99811	0.12647
217	36.565	VB	0.0477	1795.73816	514.82141	0.11006
218	36.629	VB	0.0302	443.94083	232.93910	0.02721
219	36.730	VB	0.0318	737.29224	333.40286	0.04519
220	36.798	VB	0.0356	1332.40247	584.87854	0.08167
221	36.872	VB	0.0298	363.99405	186.55270	0.02231
222	36.932	VB	0.0307	805.08752	432.49127	0.04935
223	36.998	VB	0.0376	1329.03638	583.42725	0.08146
224	37.109	VBA	0.0739	2327.06006	424.71240	0.14263

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	37.314	BB	0.0439	2.59607e4	9192.01855	1.59119
226	37.488	VB	0.0321	552.51642	257.16165	0.03386
227	37.563	VB	0.0246	309.42697	184.20189	0.01897
228	37.624	VB	0.0385	788.22491	258.94031	0.04831
229	37.732	VB	0.0557	2213.98657	552.96124	0.13570
230	37.911	VB	0.0360	855.45673	370.02682	0.05243
231	37.978	VB	0.0319	636.02484	338.42365	0.03898
232	38.080	VB	0.0214	306.98270	194.25758	0.01882
233	38.134	VB	0.0311	659.97894	347.80402	0.04045
234	38.211	VB	0.0252	85.62458	57.91610	0.00525
235	38.265	VB	0.0312	619.51715	311.13327	0.03797
236	38.352	VB	0.0406	1494.06323	518.29346	0.09157
237	38.470	VB	0.0385	1008.11621	331.34482	0.06179
238	38.629	VBA	0.0417	2.14086e4	7414.60352	1.31218
239	38.812	PB	0.0275	233.59094	115.82996	0.01432
240	38.907	VB	0.0274	263.34875	131.51634	0.01614
241	38.955	VB	0.0213	110.12715	78.67334	0.00675
242	39.023	VB	0.0540	1966.72034	458.78085	0.12054
243	39.205	VB	0.0327	434.45328	176.74126	0.02663
244	39.272	VB	0.0328	294.16058	115.24178	0.01803
245	39.369	VB	0.0327	179.03494	100.94891	0.01097
246	39.430	VB	0.0389	1543.06116	602.42010	0.09458
247	39.552	VB	0.0469	1157.90479	356.12811	0.07097
248	39.675	VB	0.0424	1630.95520	523.23413	0.09996
249	39.813	VB	0.0382	1149.25562	476.03125	0.07044
250	39.903	VB	0.0377	1.52743e4	6005.78027	0.93620
251	40.204	VB	0.0295	204.89500	101.67671	0.01256
252	40.283	VB	0.0494	1433.93982	377.12451	0.08789
253	40.458	VB	0.0508	642.25519	175.12331	0.03937
254	40.628	VB	0.0256	177.62526	96.09906	0.01089
255	40.681	VB	0.0368	1119.94763	470.46899	0.06864
256	40.814	VB	0.0322	572.58551	254.97653	0.03510
257	40.895	VB	0.0361	1091.59253	469.52182	0.06691
258	40.945	VB	0.0215	239.95892	143.31557	0.01471
259	41.140	VB	0.0394	1.38223e4	5130.62012	0.84720
260	41.364	VB	0.0324	139.71294	59.46718	0.00856
261	41.507	VB	0.0690	2212.59448	430.23807	0.13561
262	41.689	VB	0.0439	623.74146	178.03053	0.03823
263	41.898	VB	0.0518	1656.99060	451.42407	0.10156
264	42.026	VB	0.0392	543.61951	217.45581	0.03332
265	42.134	VB	0.0593	2571.78174	621.03088	0.15763
266	42.339	VB	0.0431	1.24392e4	4380.96582	0.76243
267	42.687	PB	0.0549	1666.23792	374.73956	0.10213
268	42.876	VB	0.0502	598.96729	151.18628	0.03671
269	43.122	VB	0.0727	2177.91504	380.84781	0.13349
270	43.205	VB	0.0334	404.74957	172.42792	0.02481
271	43.317	VB	0.0491	1538.71777	397.93259	0.09431
272	43.502	VB	0.0454	1.07487e4	3544.64819	0.65881
273	43.843	VB	0.0493	1159.59570	292.49899	0.07107

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	44.218	BB	0.0656	1629.47559	303.51529	0.09987
275	44.435	VB	0.0608	744.77570	158.65144	0.04565
276	44.539	VB	0.0344	391.94354	155.72169	0.02402
277	44.636	VB	0.0468	9389.67285	2974.65771	0.57551
278	44.952	VB	0.0621	1265.99426	254.09950	0.07760
279	45.238	VB	0.0967	3569.19165	454.19522	0.21876
280	45.423	VBA	0.1391	1744.06470	149.55621	0.10690
281	45.765	PB	0.0396	4431.73096	1638.04956	0.27163
282	45.859	VB	0.0396	541.13074	172.38890	0.03317
283	46.108	VBA	0.1381	2243.37012	202.73810	0.13750
284	46.701	PBA	0.1100	1835.19897	202.01588	0.11248
285	47.029	BBA	0.0634	4877.76953	1128.28845	0.29897
286	47.193	BBA	0.2004	1555.77441	92.87101	0.09536
287	48.484	PBA	0.0833	3800.71167	668.84650	0.23295
288	50.187	BBA	0.0919	3308.56787	471.20355	0.20279
289	52.201	BBA	0.1186	2758.36719	304.64340	0.16907
290	54.590	PBA	0.1442	2478.17285	206.15080	0.15189
Totals :				1.63153e6	5.08208e5	

==========

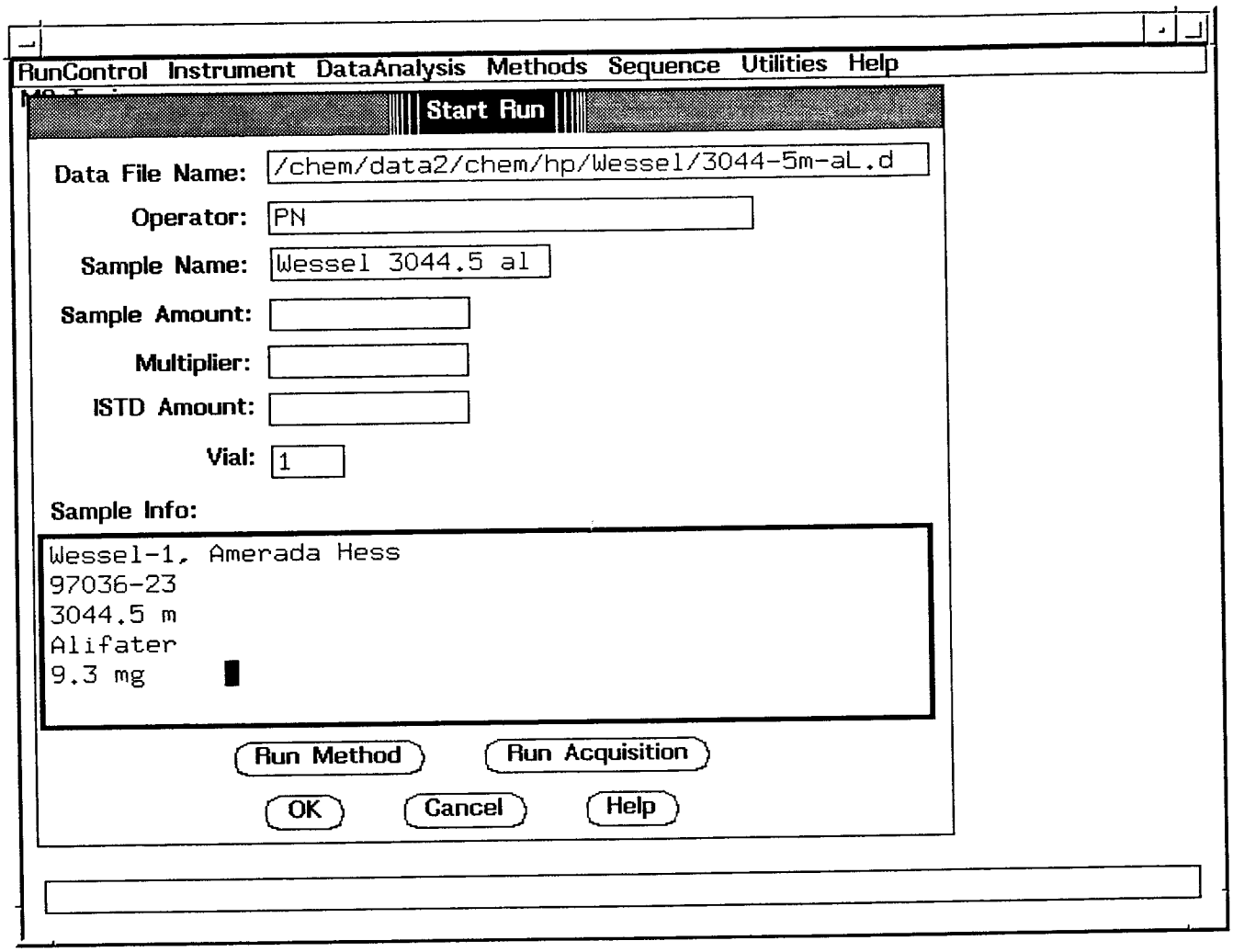
==========

Calibration Curves

==========

==========

*** End of Report ***

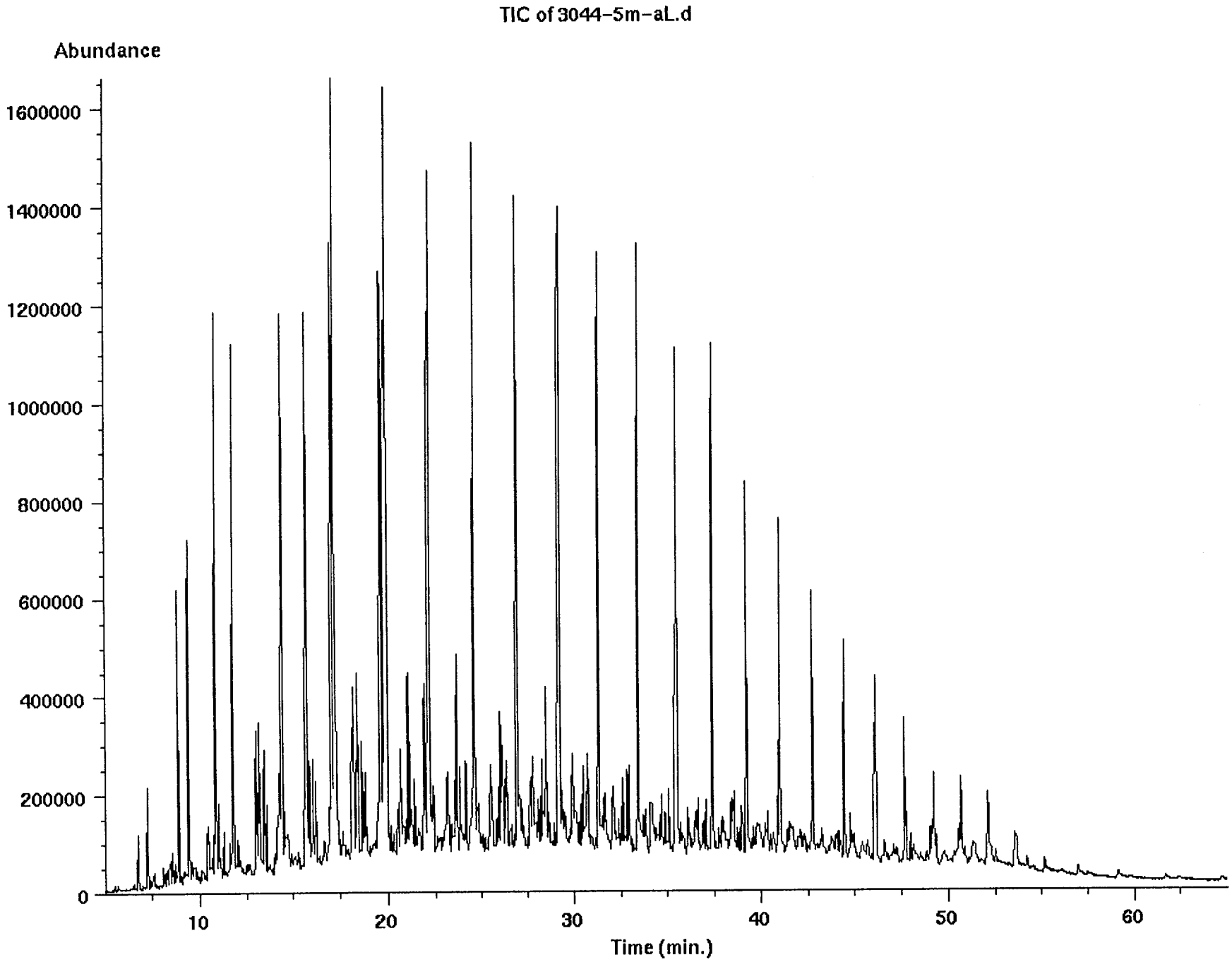

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3044-5m-aL.d
Operator: PN
Sample Name: Wessel 3044.5 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 1
Sample Info:
Wessel-1, Amerada Hess
97036-23
3044.5 m
Alifater
9.3 mg
Run Method
Run Acquisition
OK
Cancel
Help

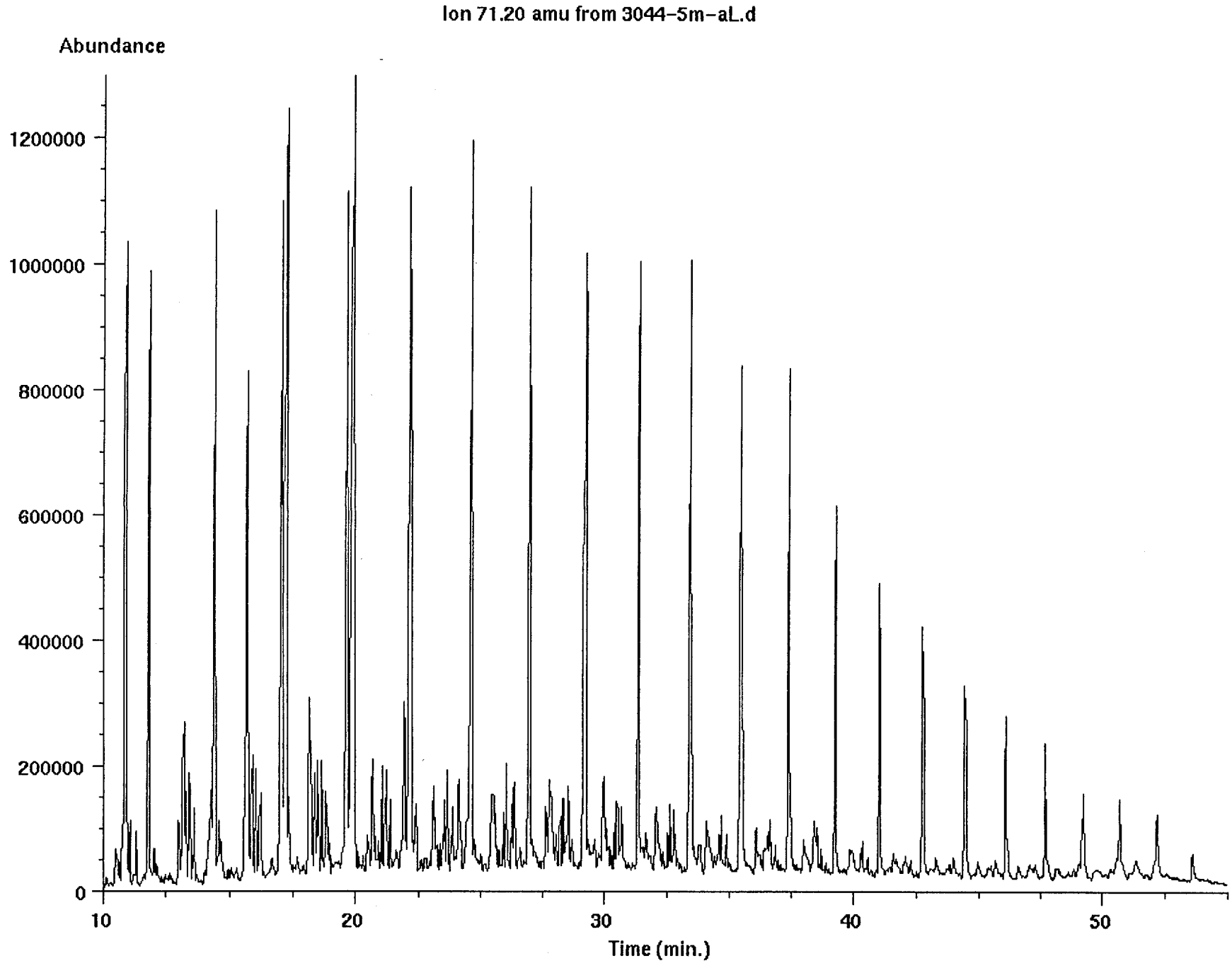
Data file: /chem/data2/chem/hp/Wessel/3044-5m-aL.d
File type: GC / MS DATA FILE

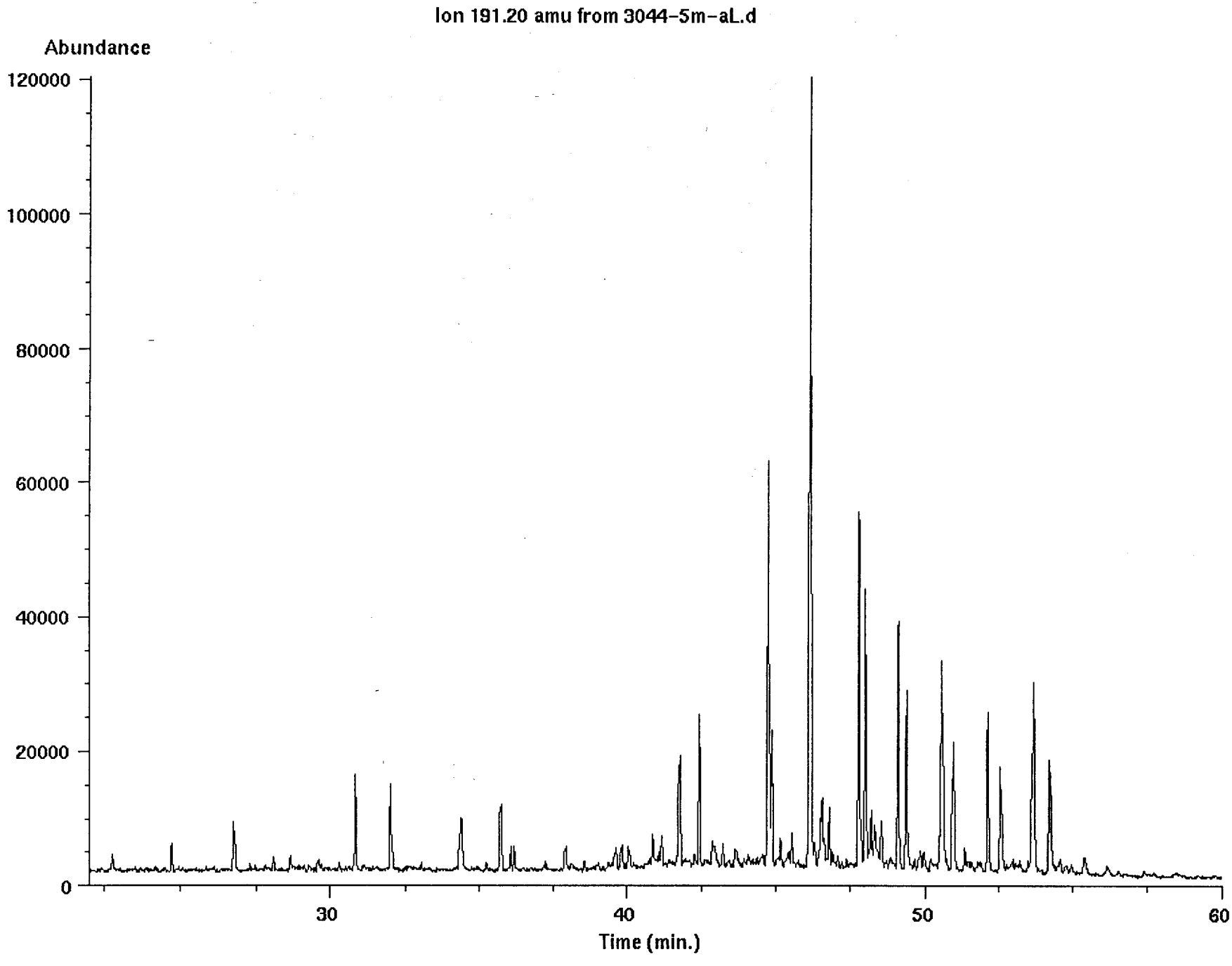
Name Info: Wessel 3044.5 al
Misc Info:
Operator : PN

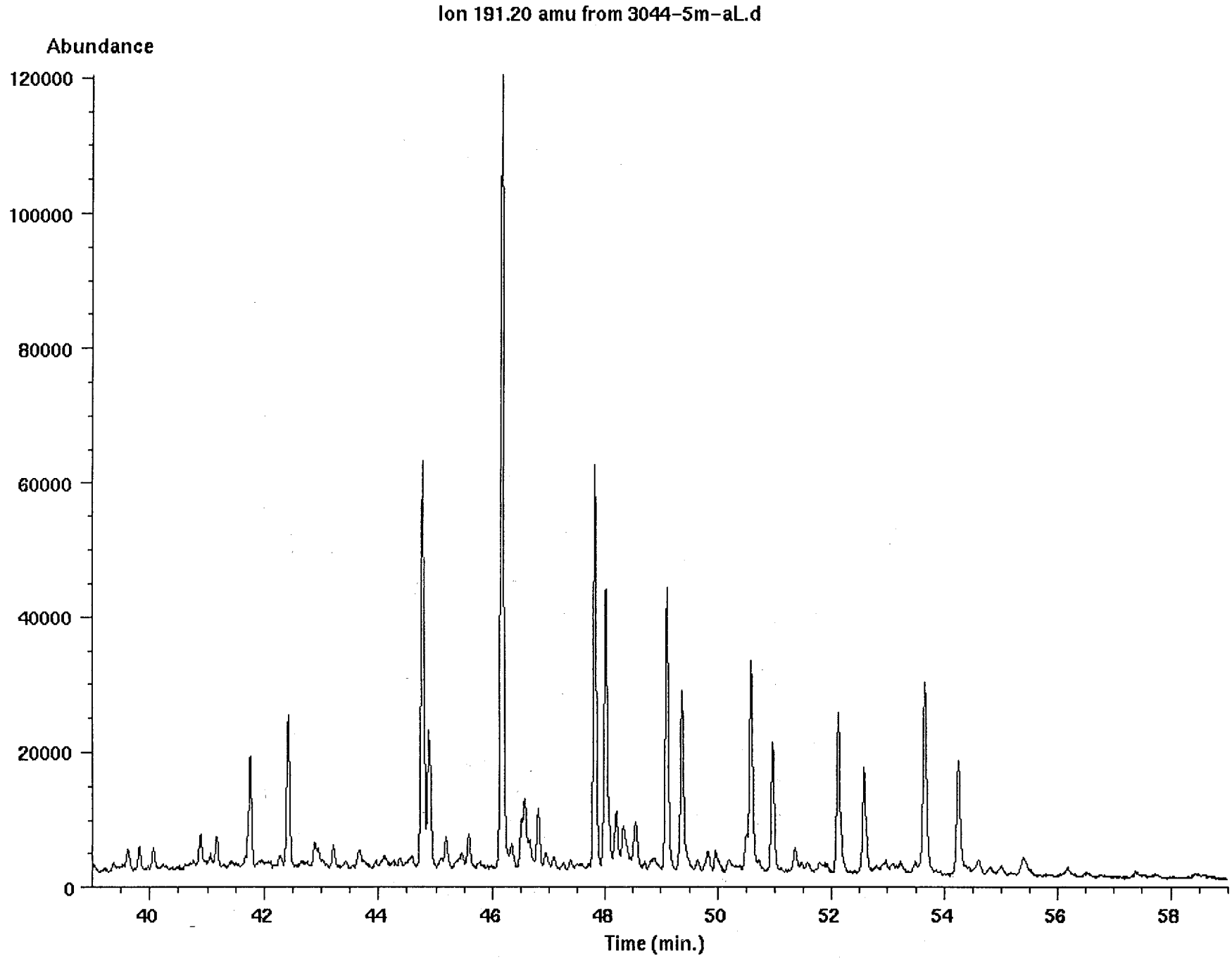
Date : Tue Jan 27 98 06:49:57 PM
Instrment: HP5971
Inlet : GC

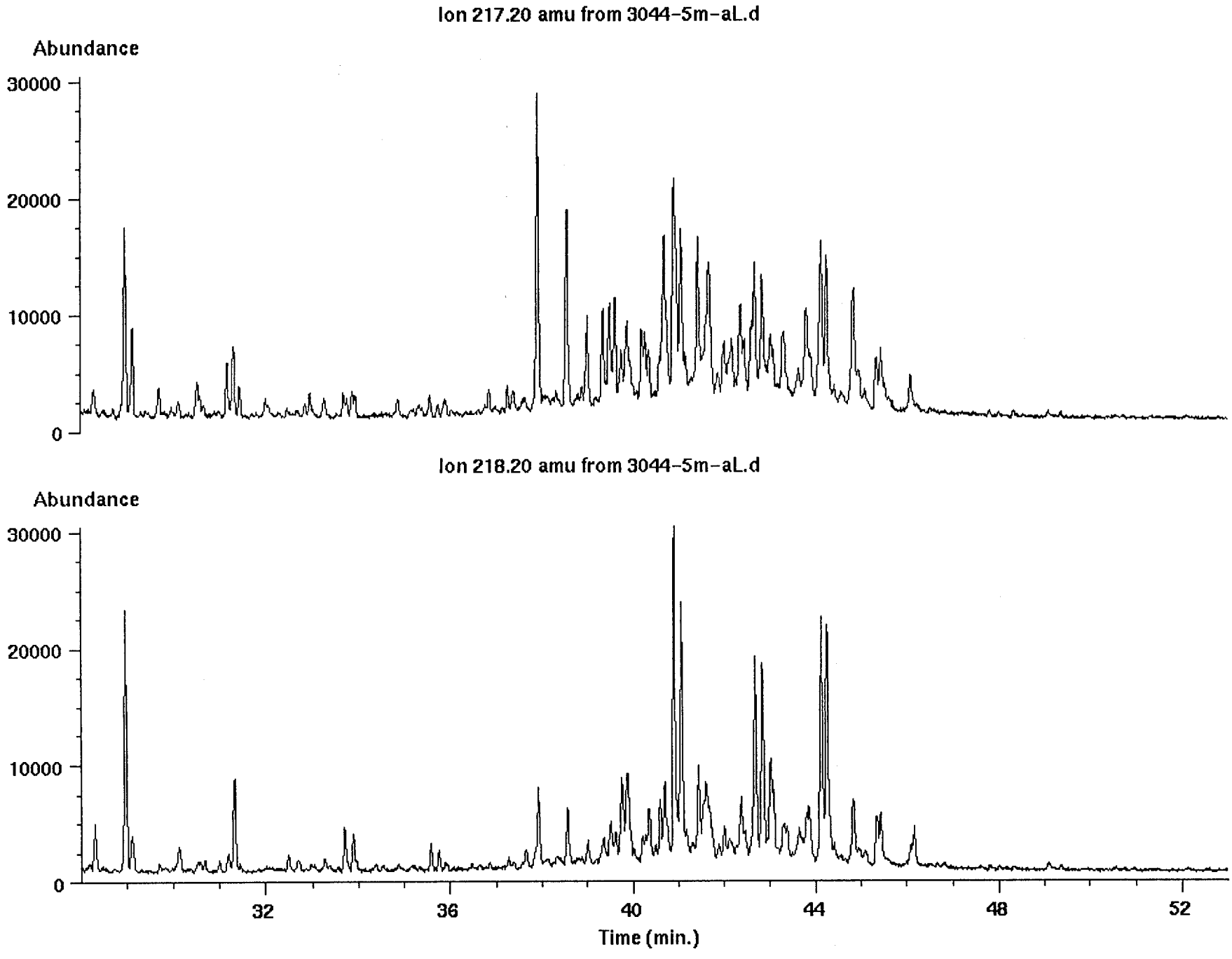
Sequence index : 0
Als bottle num : 1
Replicate num : 1

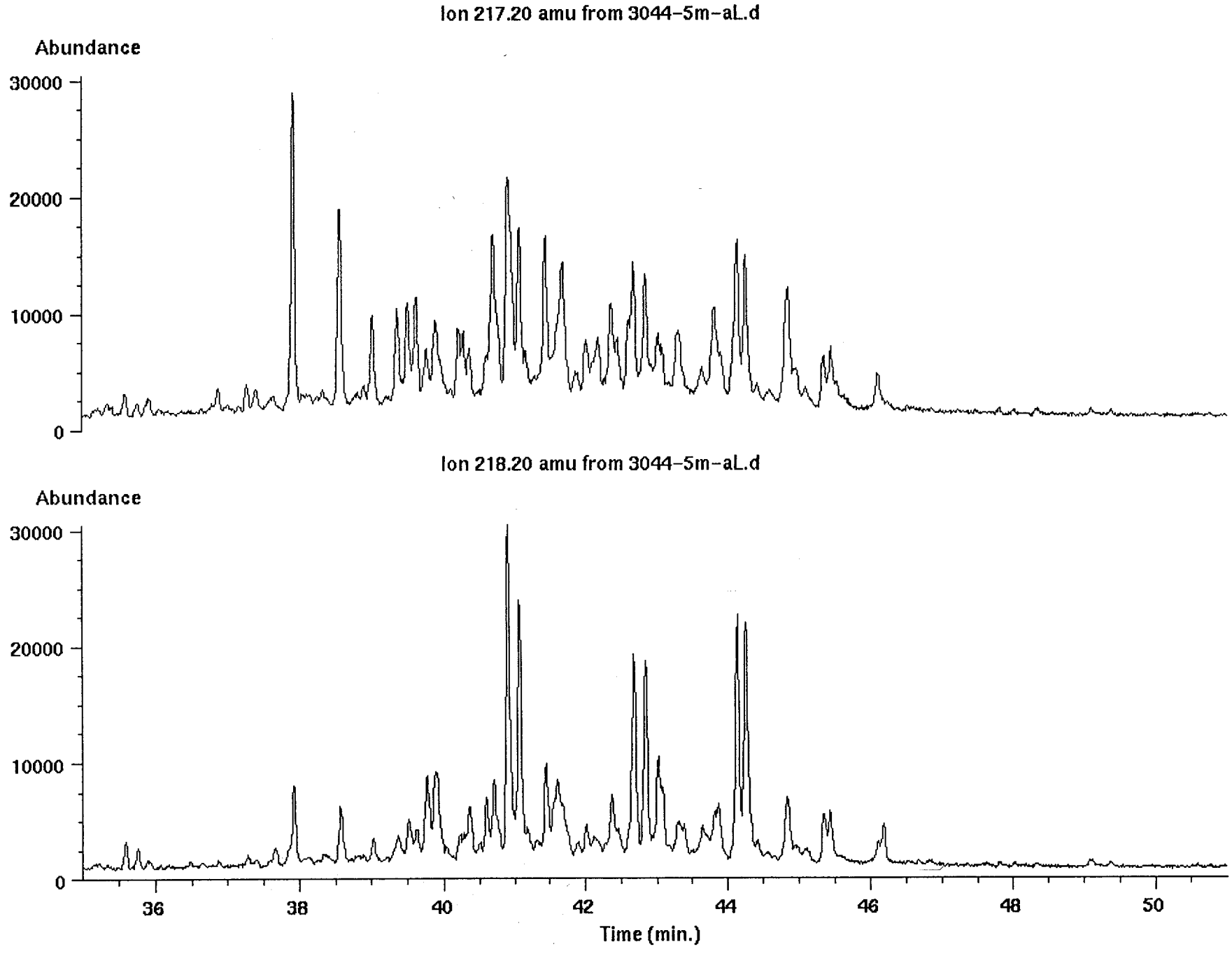

TIC of 3044-5m-aL.d
Abundance
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
10
20
30
40
50
60
Time (min.)

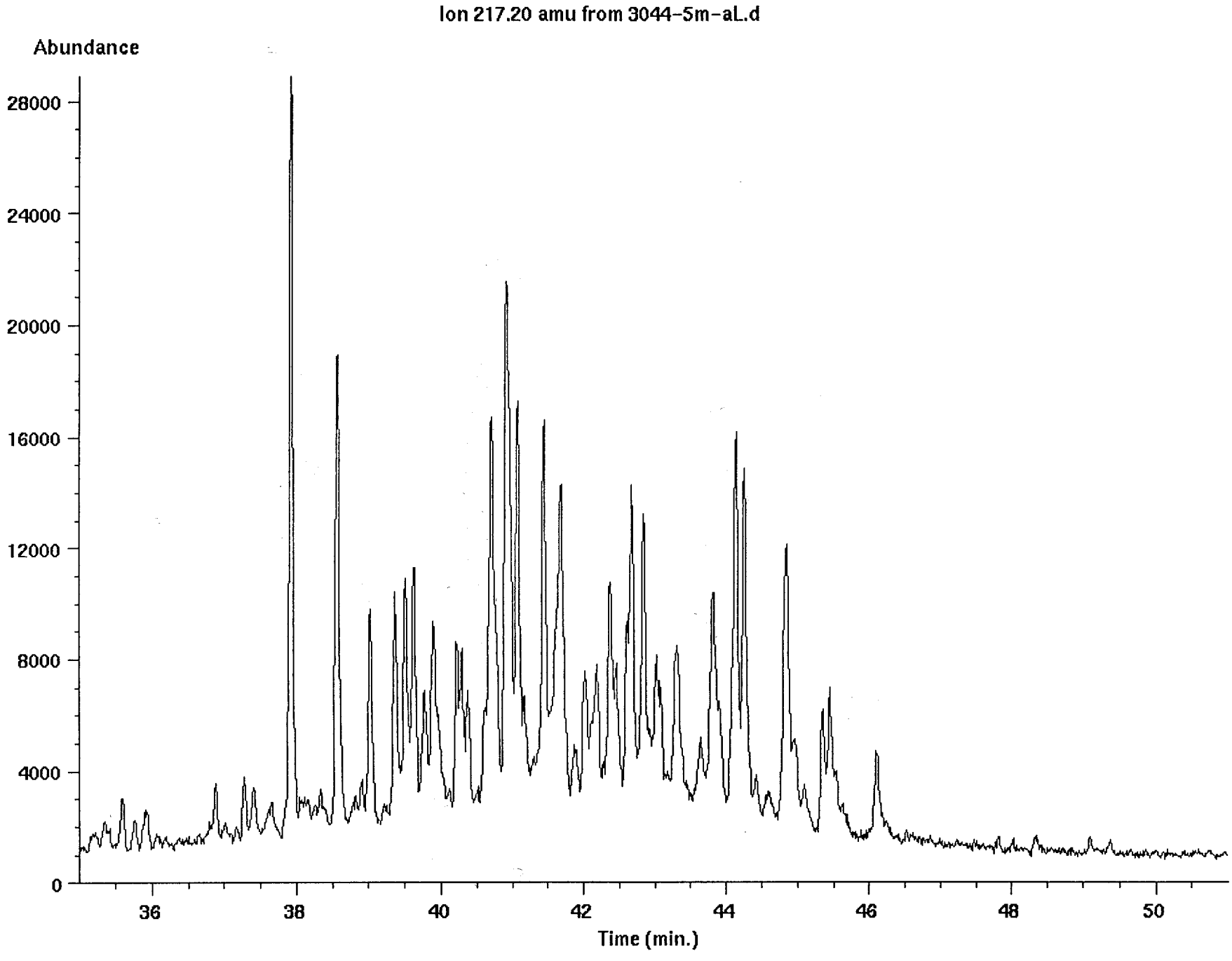

Ion 71.20 amu from 3044-5m-aL.d
Abundance
1200000
1000000
800000
600000
400000
200000
0
10
20
30
40
50
Time (min.)

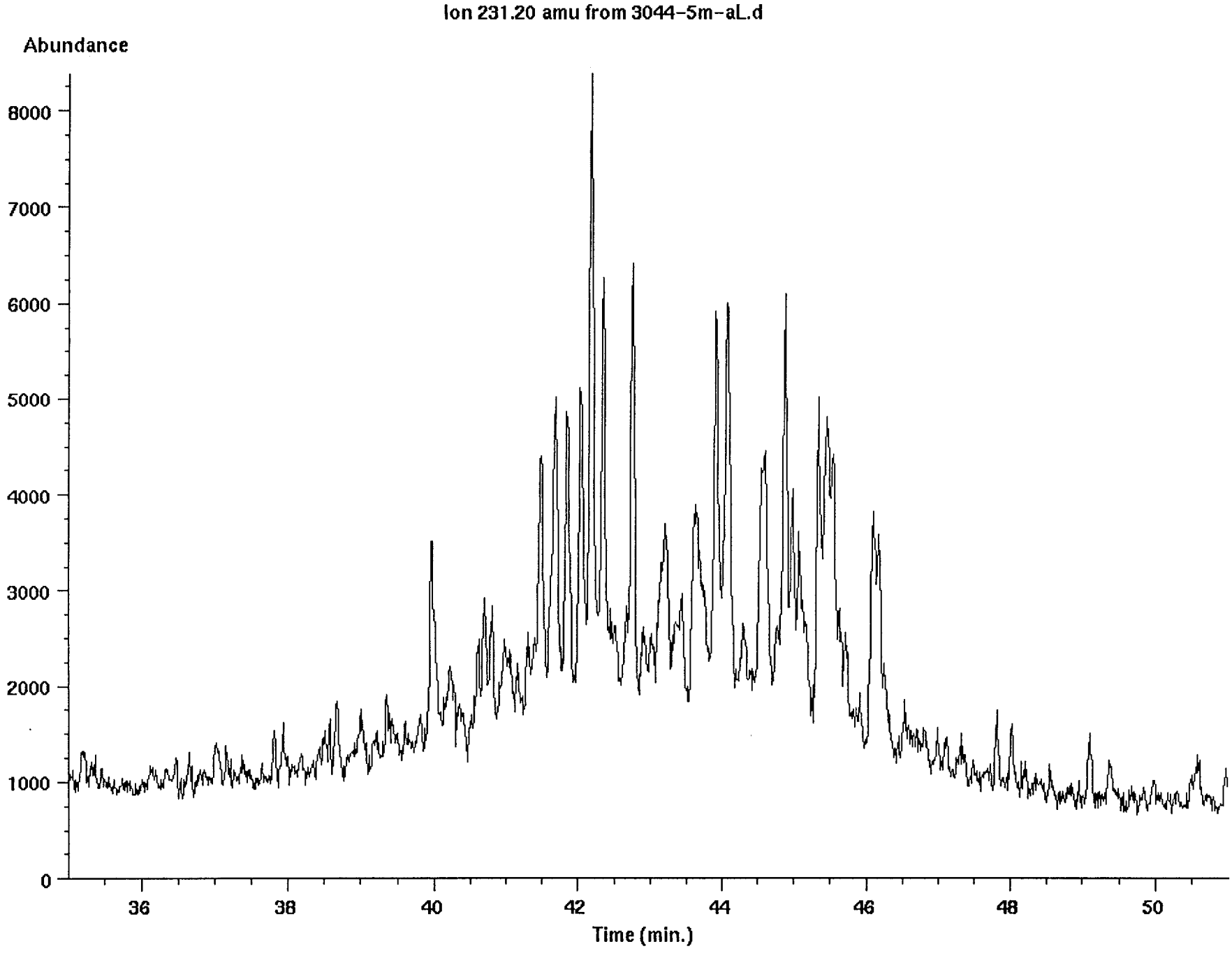

Ion 191.20 amu from 3044-5m-aL.d
Abundance
120000
100000
80000
60000
40000
20000
0
30
40
50
60
Time (min.)

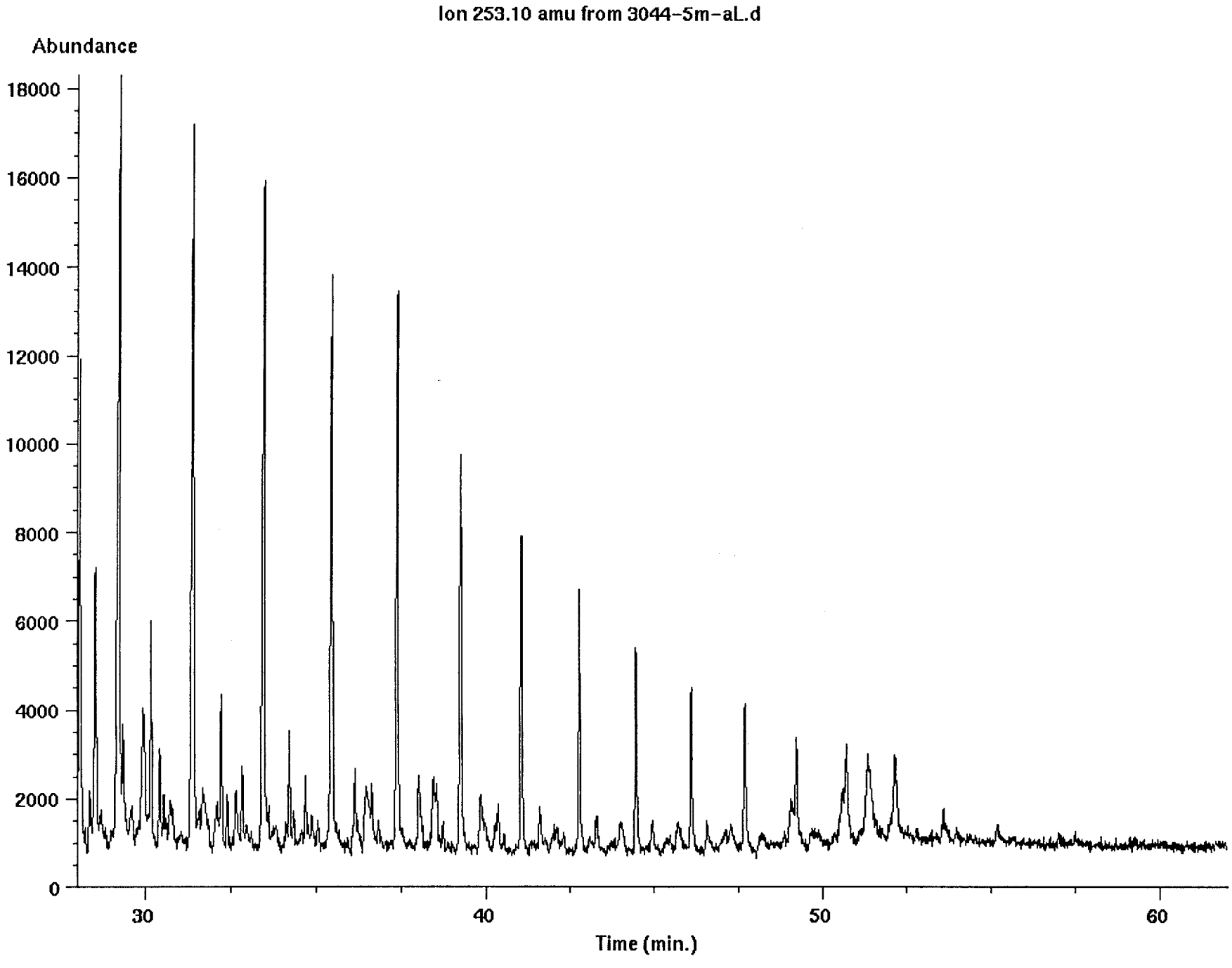

Ion 191.20 amu from 3044-5m-aL.d
Abundance
120000
100000
80000
60000
40000
20000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

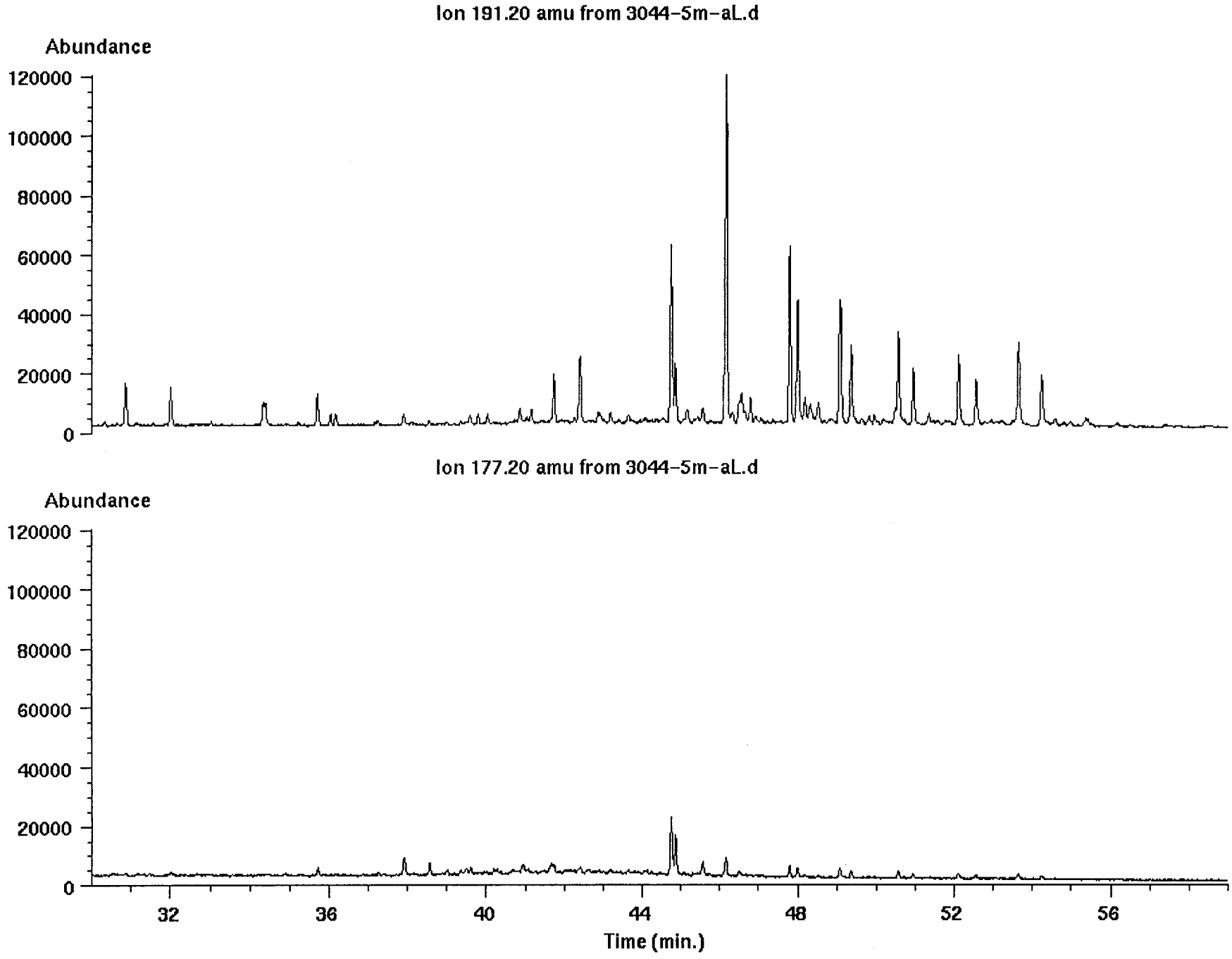

Ion 217.20 amu from 3044-5m-aL.d
Abundance
30000
20000
10000
0
Ion 218.20 amu from 3044-5m-aL.d
Abundance
30000
20000
10000
0
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3044-5m-aL.d
Abundance
30000
20000
10000
0
Ion 218.20 amu from 3044-5m-aL.d
Abundance
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3044-5m-aL.d
Abundance
28000
24000
20000
16000
12000
8000
4000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3044-5m-aL.d
Abundance
8000
7000
6000
5000
4000
3000
2000
1000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3044-5m-aL.d
Abundance
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
30
40
50
60
Time (min.)

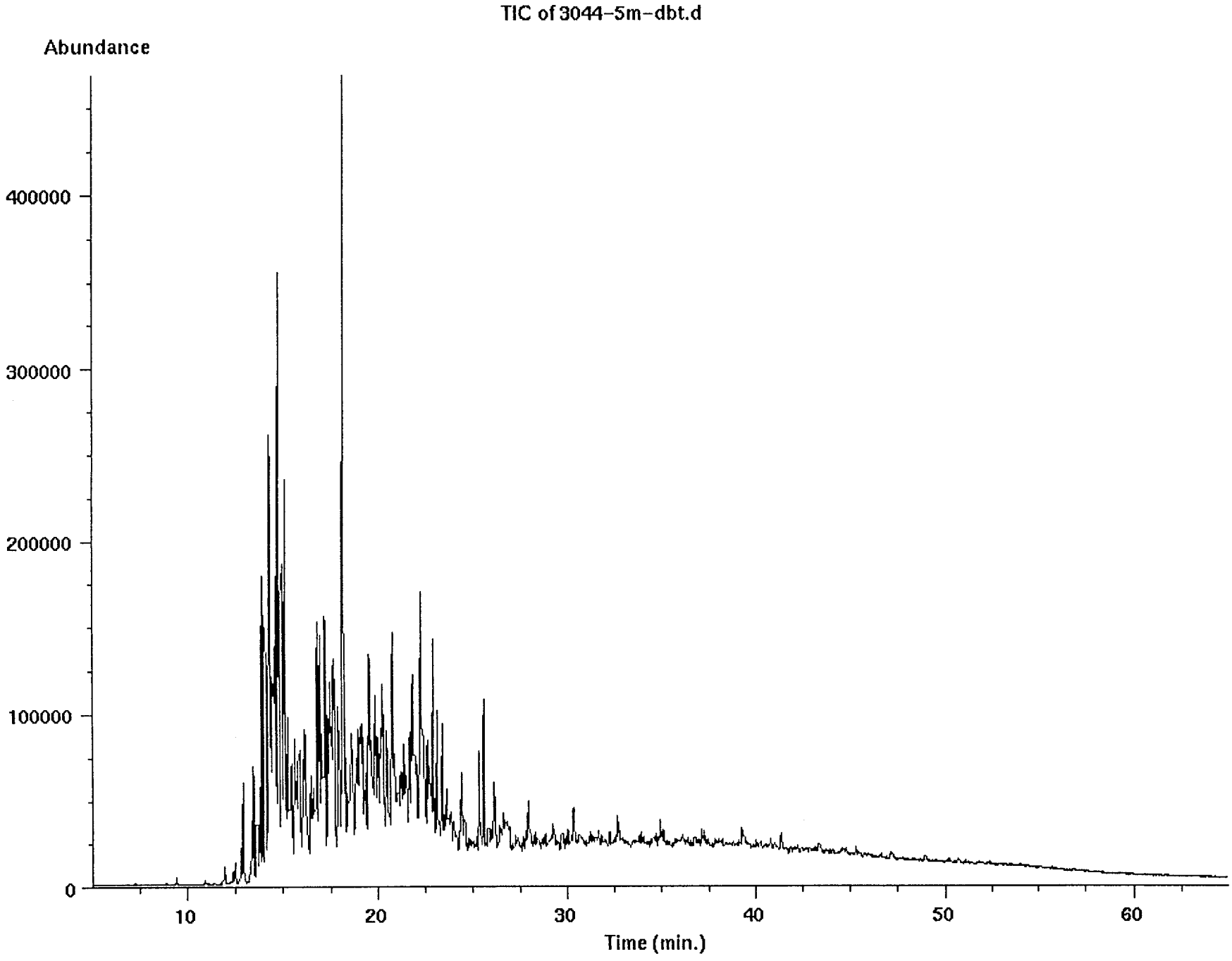

Ion 191.20 amu from 3044-5m-aL.d
Abundance
120000
100000
80000
60000
40000
20000
0
Ion 177.20 amu from 3044-5m-aL.d
Abundance
120000
100000
80000
60000
40000
20000
0
32
36
40
44
48
52
56
Time (min.)

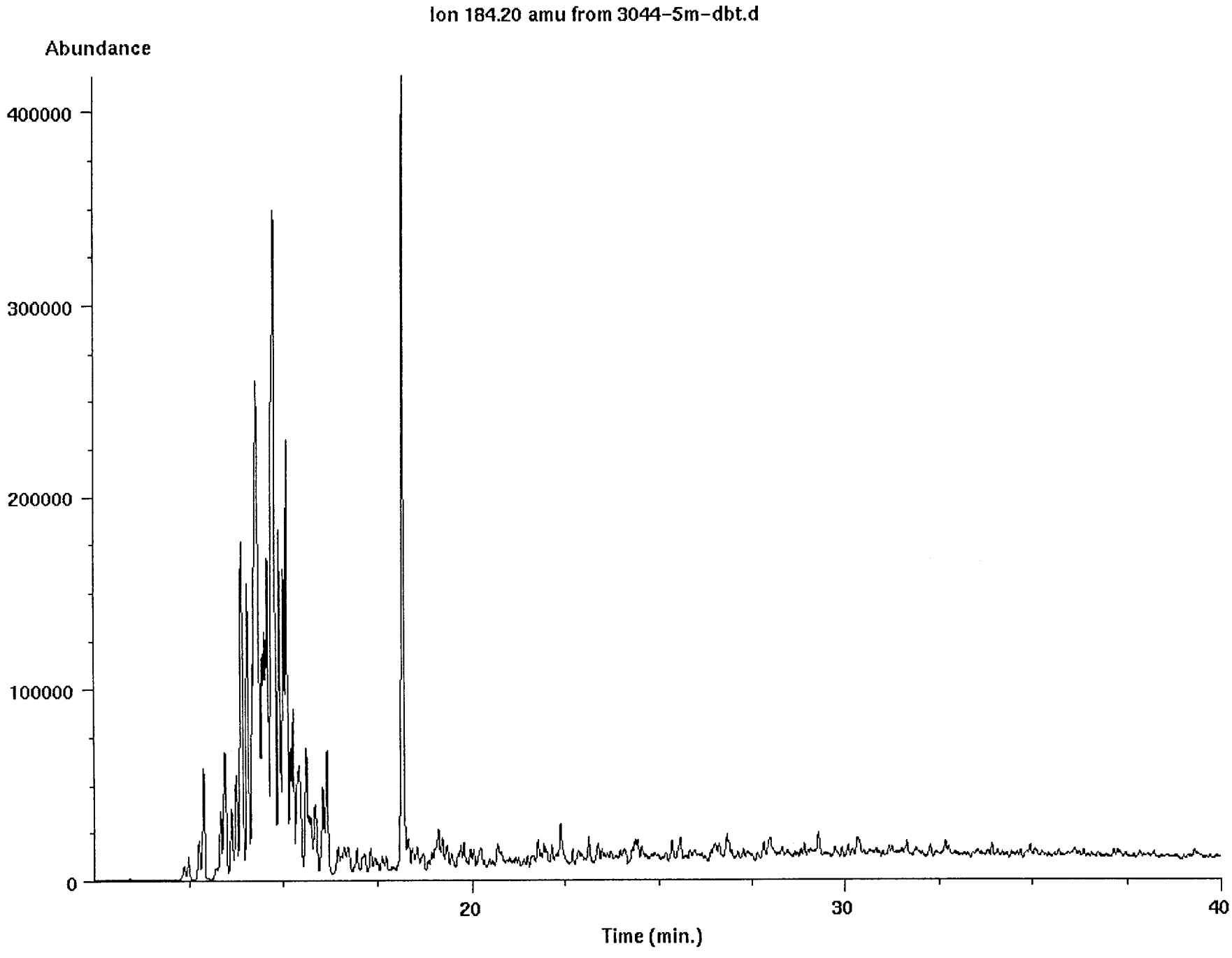
Data file: /chem/data2/chem/hp/Wessel/3044-5m-dbt.d
File type: GC / MS DATA FILE

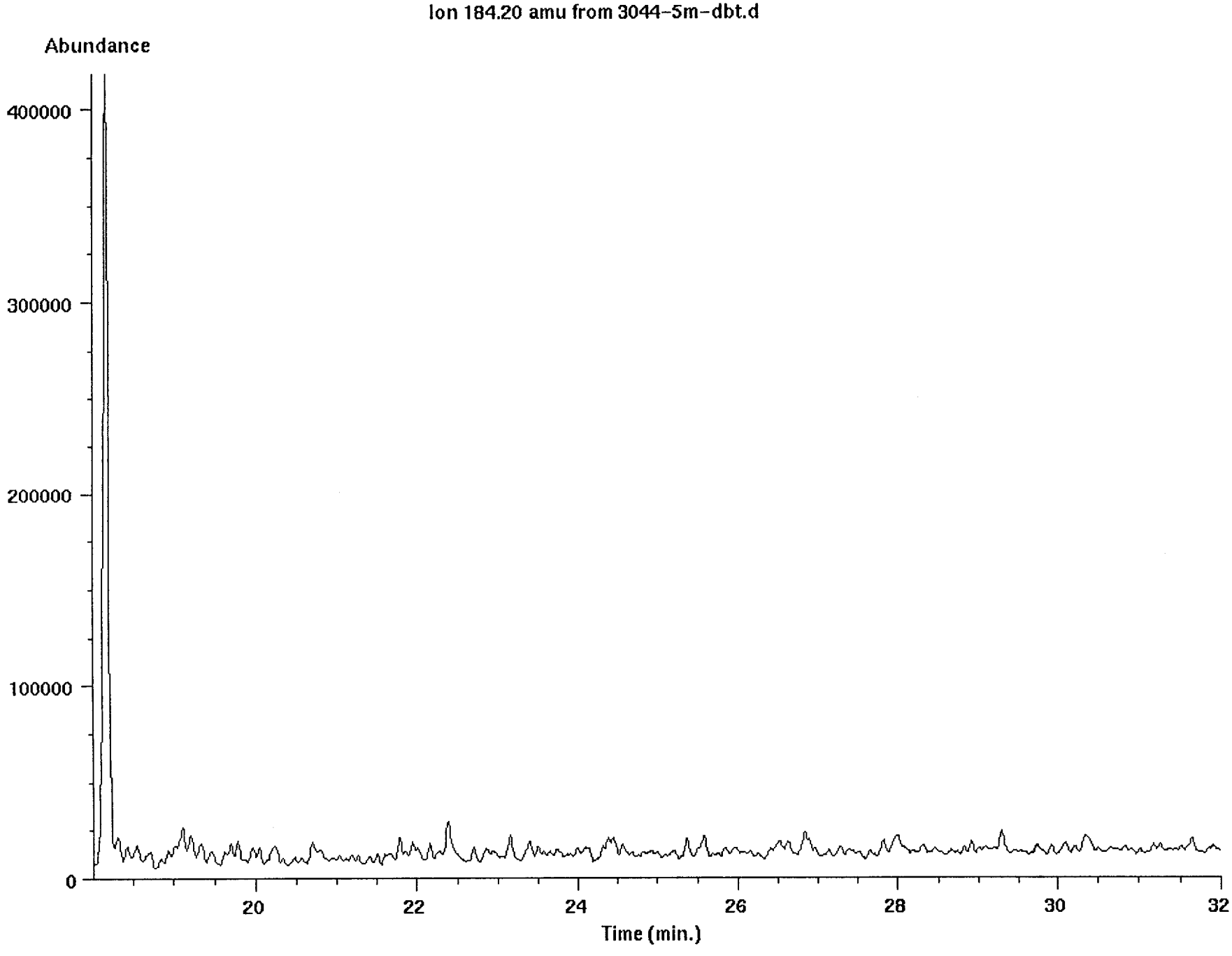
Name Info: Wessel 3044.5 ar
Misc Info:
Operator : PN

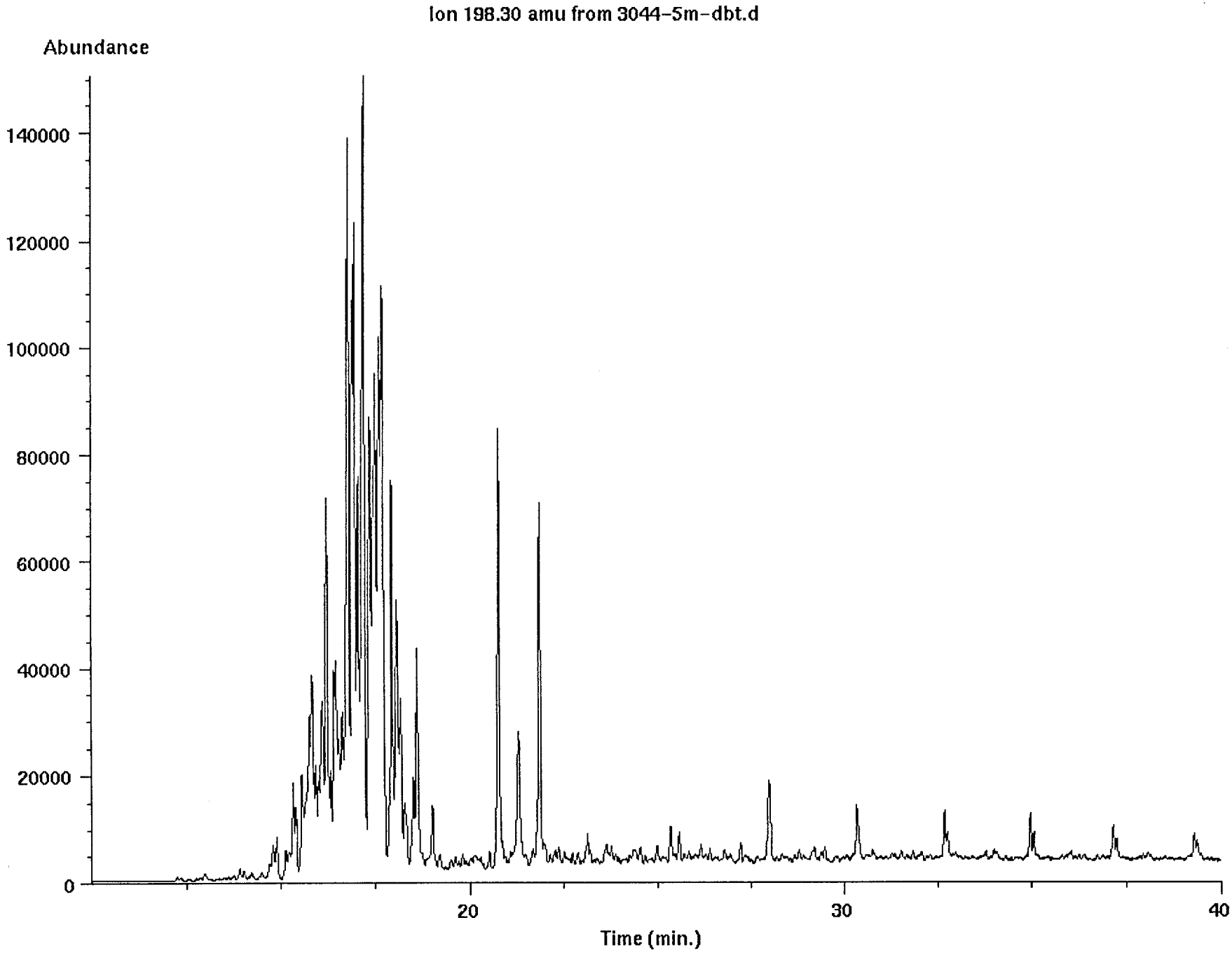
Date : Wed Jan 28 98 01:18:48 AM
Instrment: HP5971
Inlet : GC

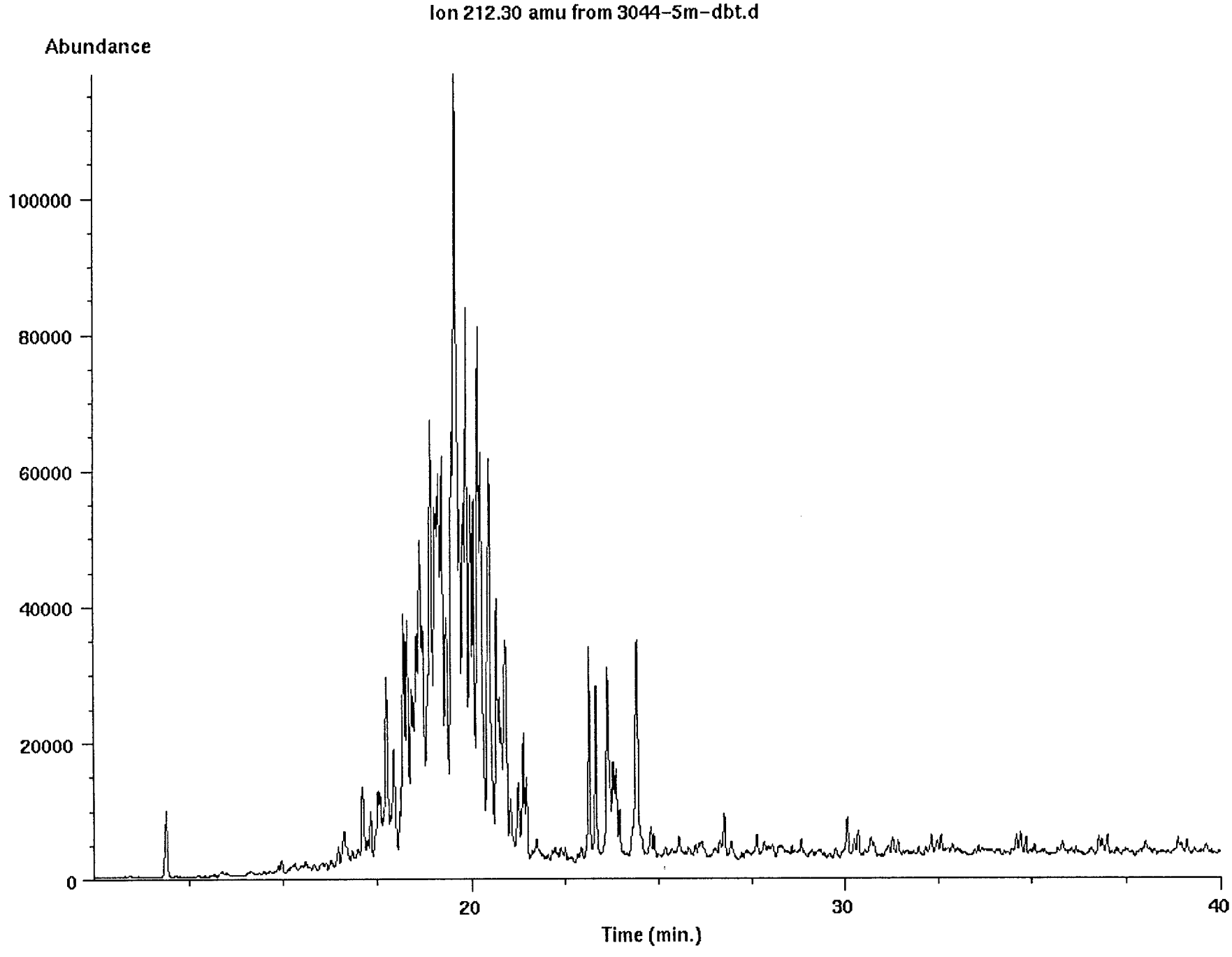
Sequence index : 0
Als bottle num : 1
Replicate num : 1

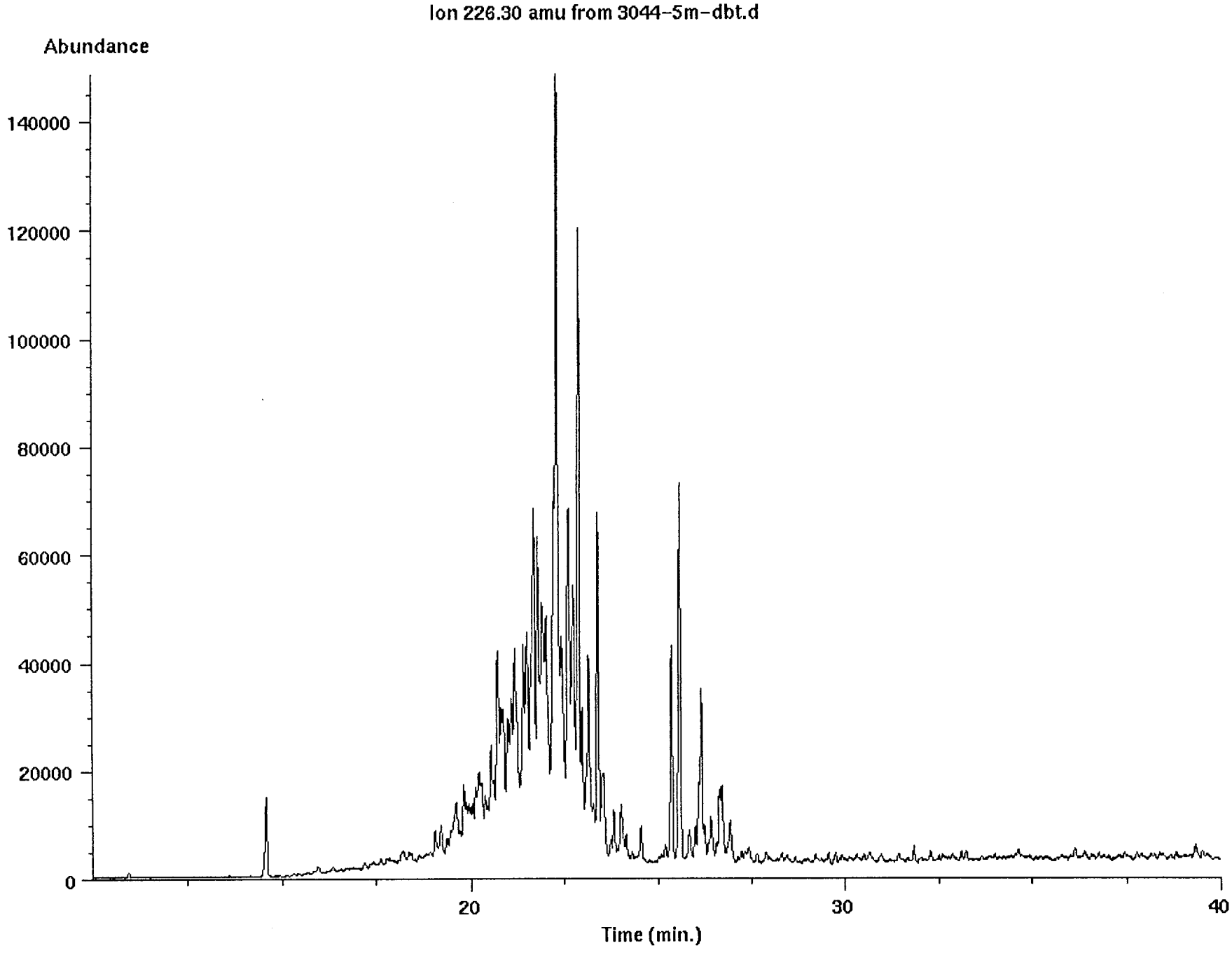

TIC of 3044-5m-dbt.d
Abundance
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

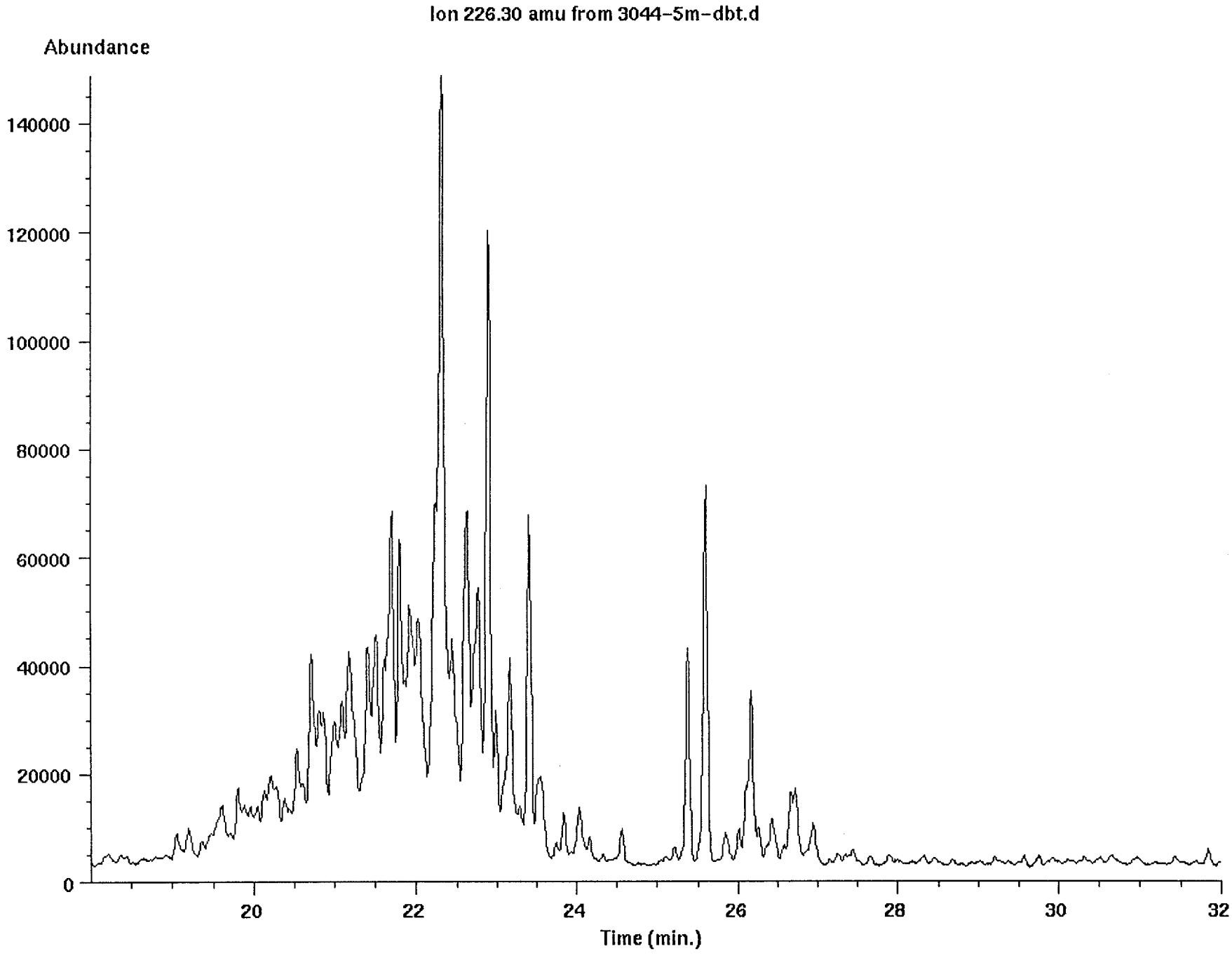

Ion 184.20 amu from 3044-5m-dbt.d
Abundance
400000
300000
200000
100000
0
20
30
40
Time (min.)

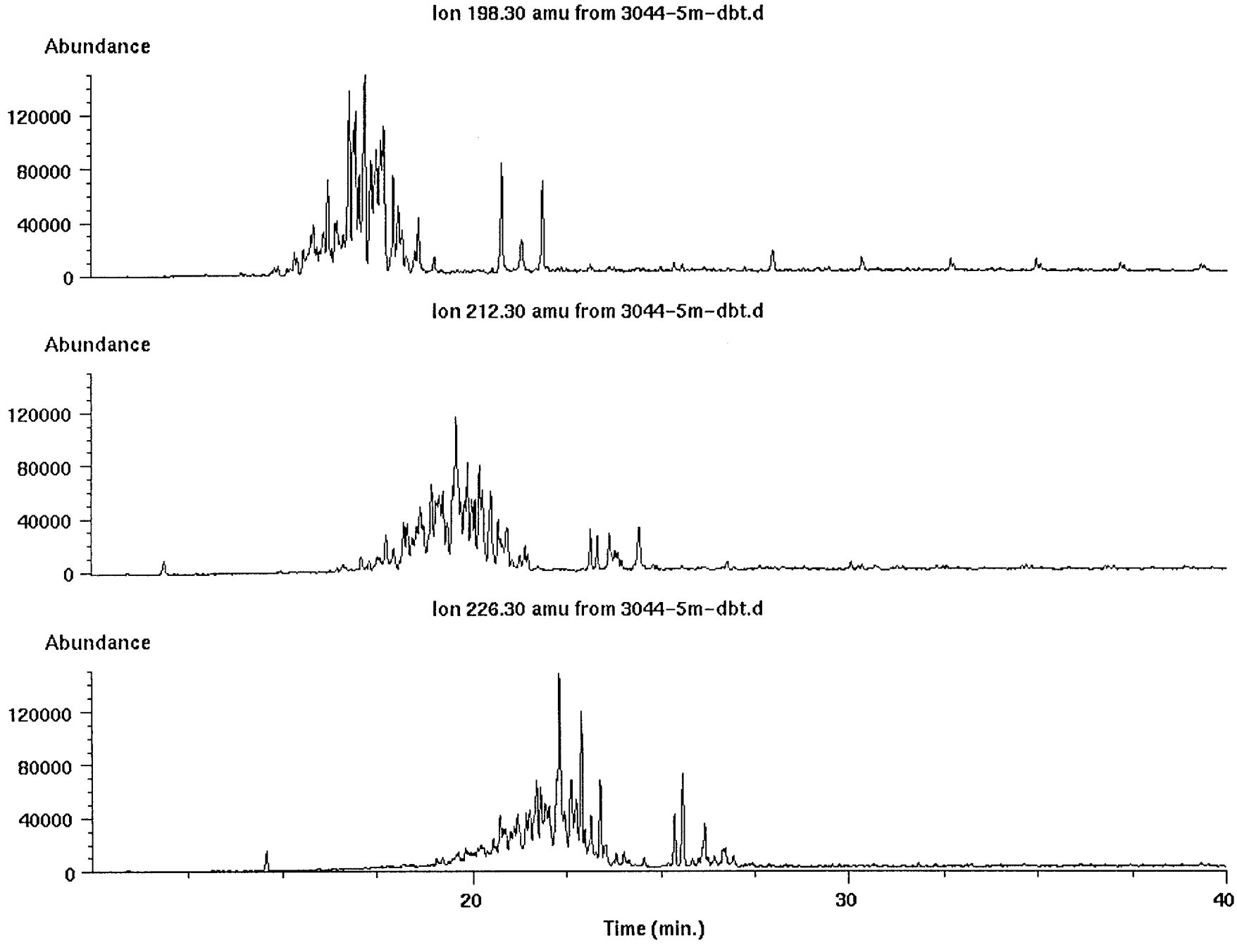

Ion 184.20 amu from 3044-5m-dbt.d
Abundance
400000
300000
200000
100000
0
20
22
24
26
28
30
32
Time (min.)

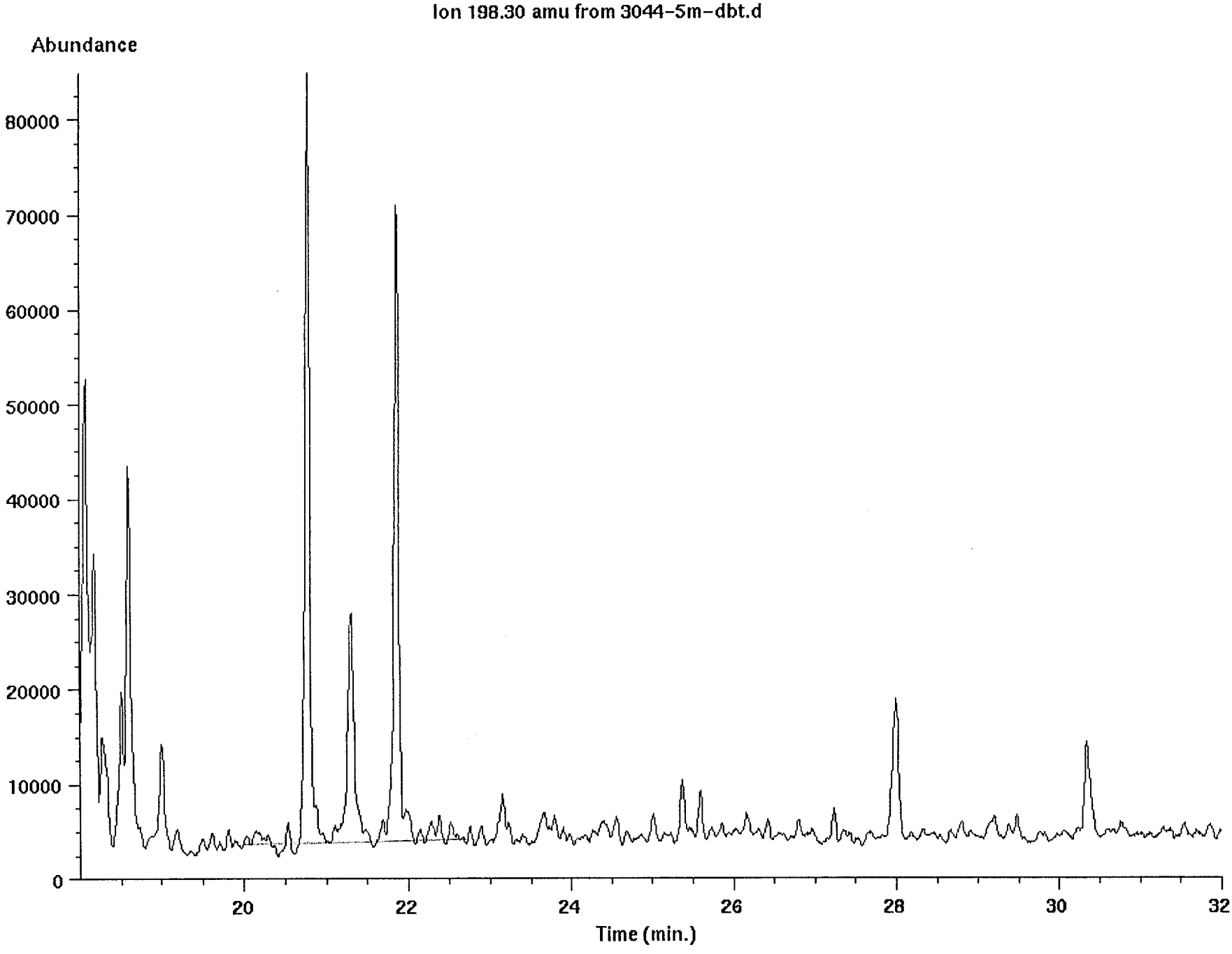

Ion 198.30 amu from 3044-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
20
30
40
Time (min.)

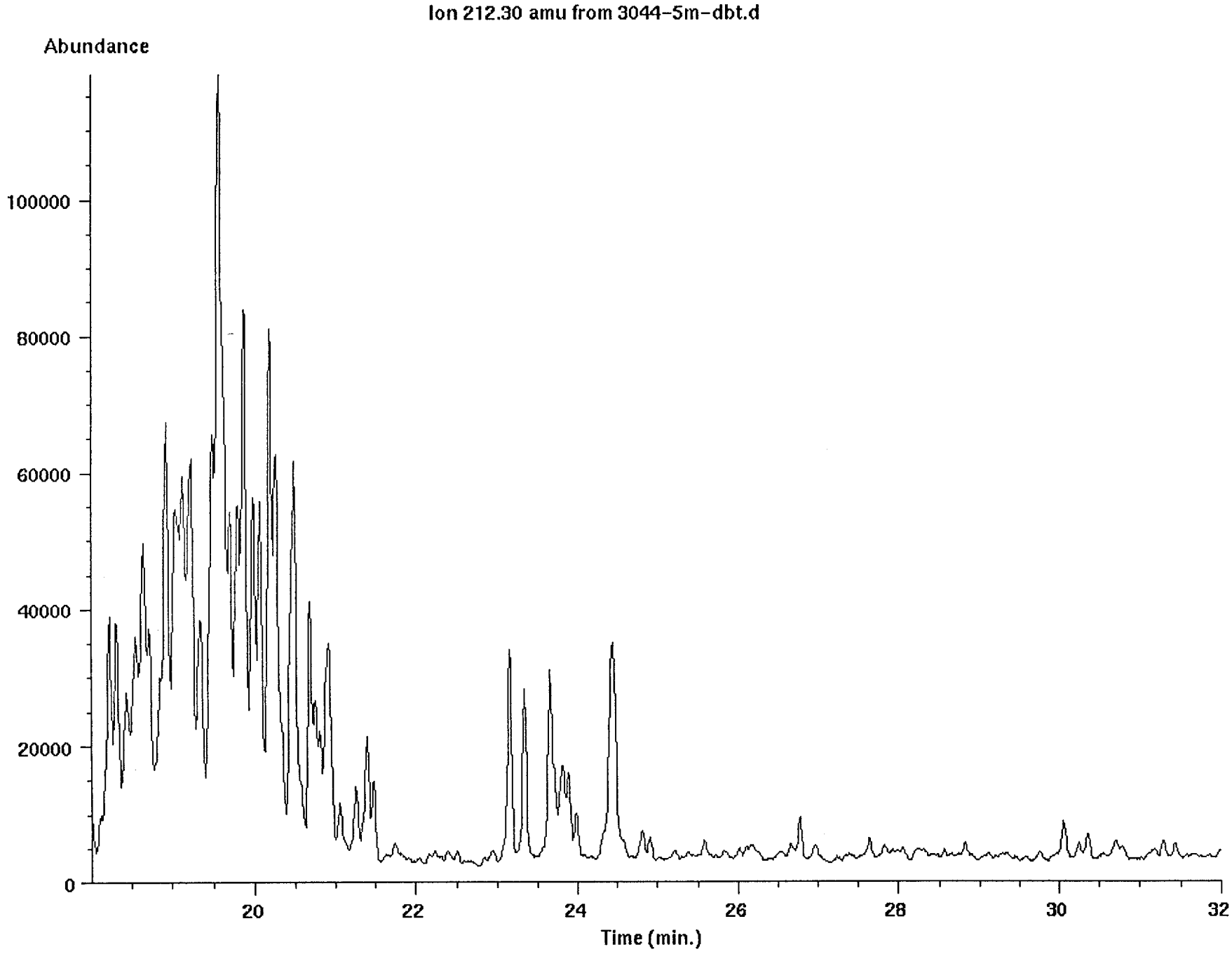

Ion 212.30 amu from 3044-5m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
20
30
40
Time (min.)

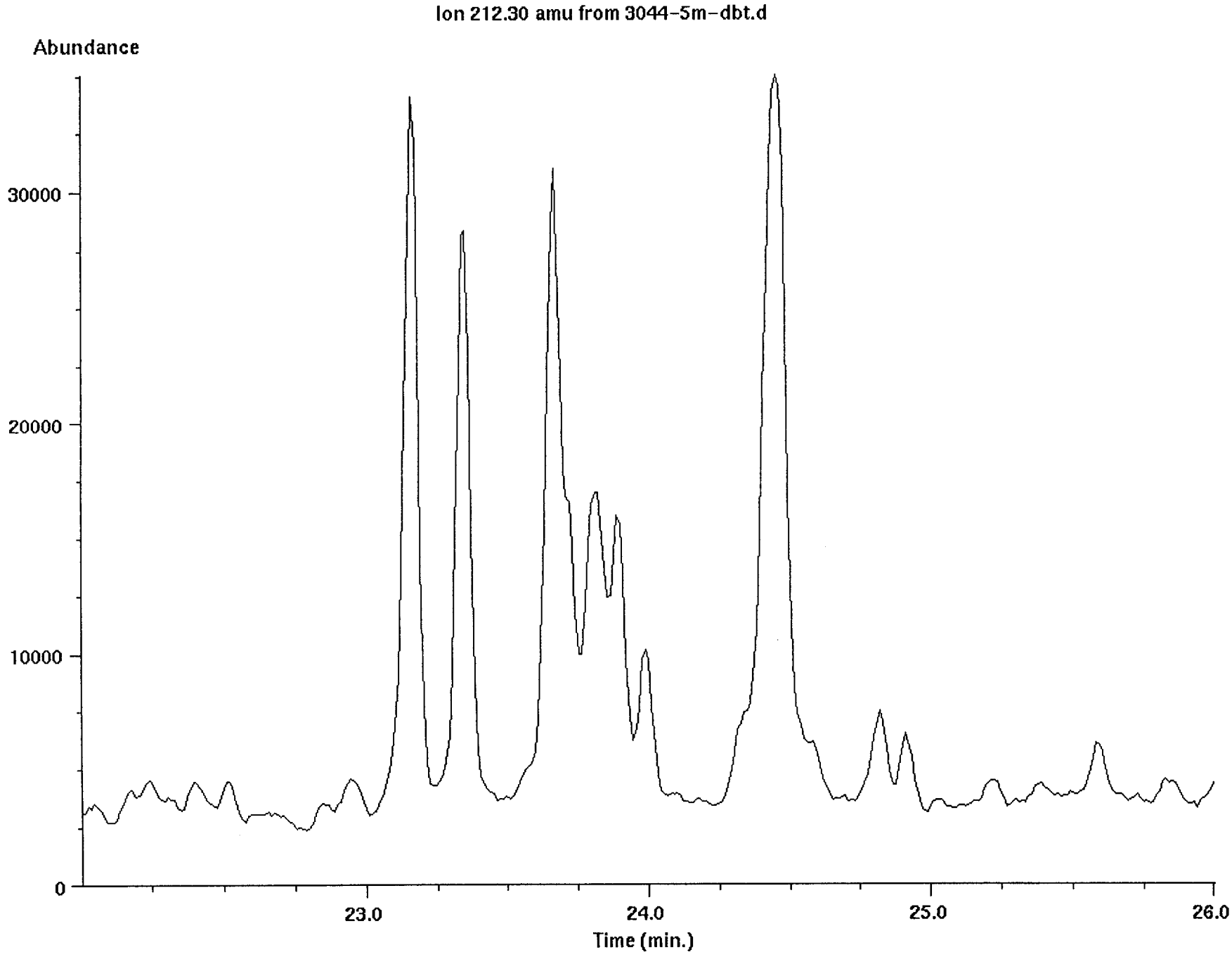

Ion 226.30 amu from 3044-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
20
30
40
Time (min.)

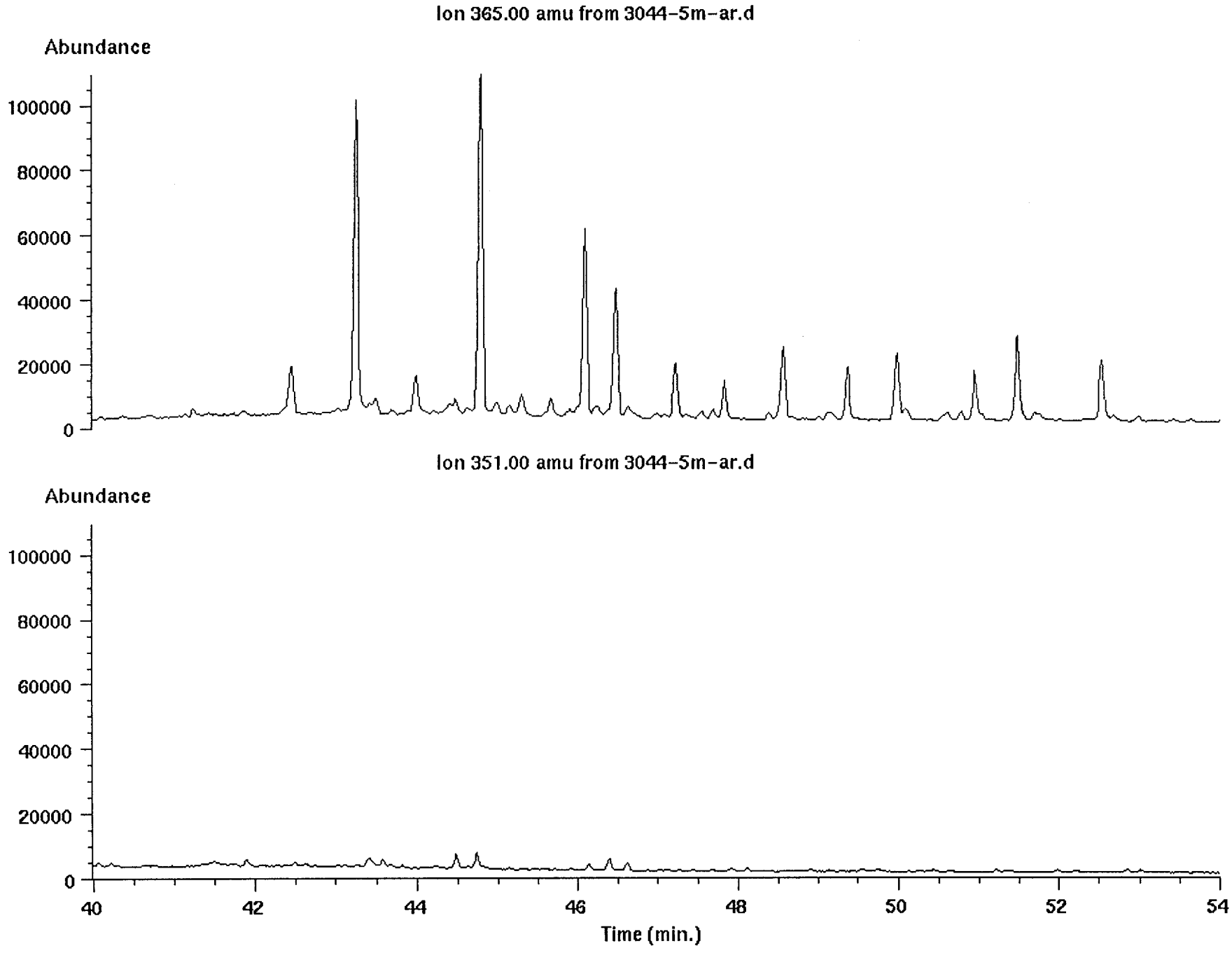

Ion 226.30 amu from 3044-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3044-5m-dbt.d
Abundance
120000
80000
40000
0
Ion 212.30 amu from 3044-5m-dbt.d
Abundance
120000
80000
40000
0
Ion 226.30 amu from 3044-5m-dbt.d
Abundance
120000
80000
40000
0
20
30
40
Time (min.)


Ion 198.30 amu from 3044-5m-dbt.d
Abundance
80000
70000
60000
50000
40000
30000
20000
10000
0
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3044-5m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3044-5m-dbt.d
Abundance
30000
20000
10000
0
23.0
24.0
25.0
26.0
Time (min.)

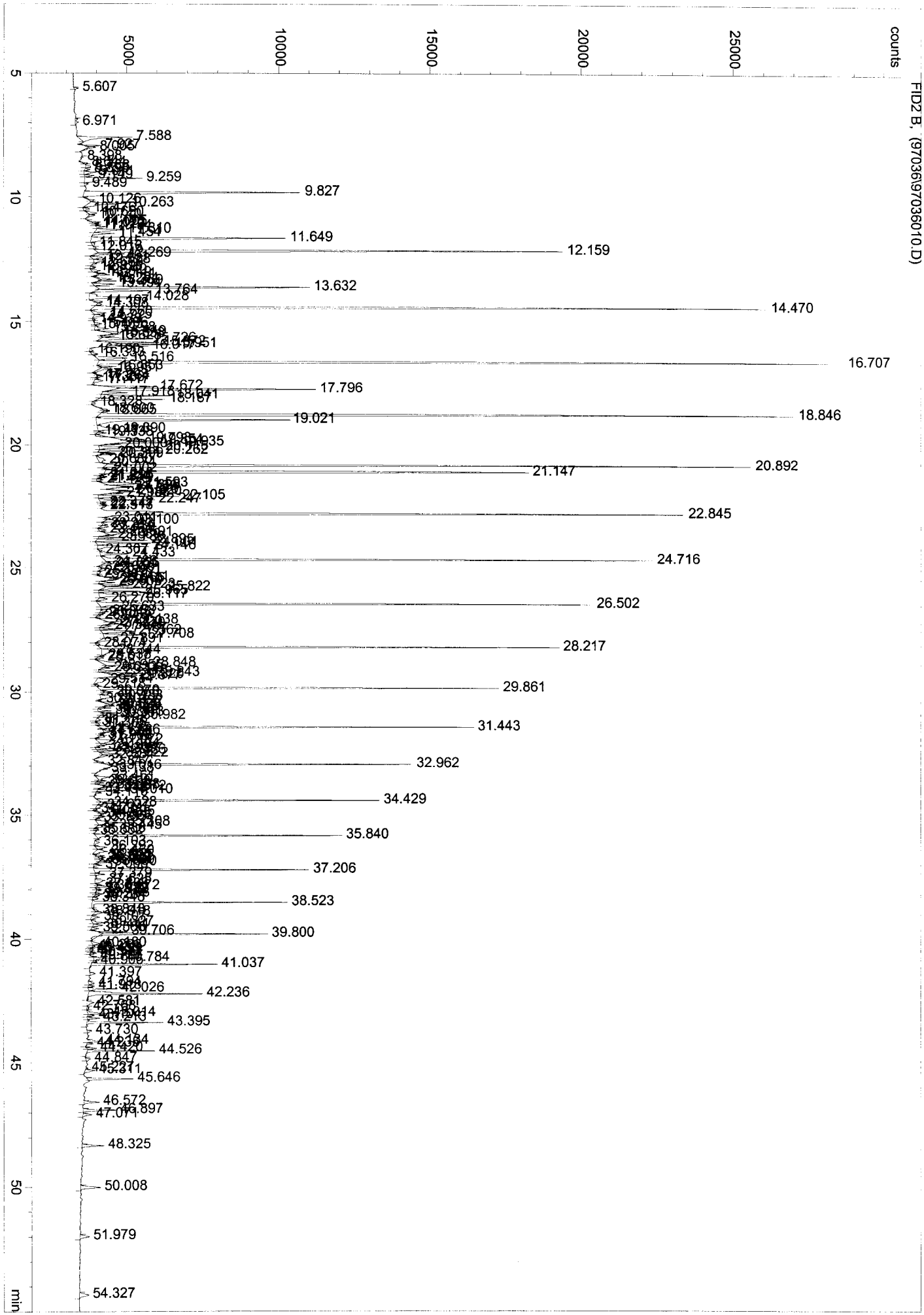

Ion 365.00 amu from 3044-5m-ar.d
Abundance
100000
80000
60000
40000
20000
0
Ion 351.00 amu from 3044-5m-ar.d
Abundance
100000
80000
60000
40000
20000
0
40
42
44
46
48
50
52
54
Time (min.)

97036-11, WESSEL-1, CORE 8, 3134.7 M, AMERADA HESS, GRO
VKNUST, ALI: 6.3 MG, KØRT d. 16. DECEMBER 1997.

==========

Injection Date	: 16-12-97 18:06:38	Seq. Line :	4
Sample Name	: 3134.7 M	Vial :	4
Acq. Operator	: DD	Inj :	1
		Inj Volume :	1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:36:59 by per (modified after loading)		

Metode baseret på Norsk Industristandard


5000
10000
15000
20000
25000
counts
FID2 B, (97036\97036010.D)
min
5.607
6.971
7.588
9.259
9.827
10.263
11.649
12.159
13.632
14.470
16.707
17.796
18.846
19.021
20.892
21.147
22.845
24.716
26.502
28.217
29.861
31.443
32.962
34.429
35.840
37.206
38.523
39.800
41.037
42.236
43.395
44.526
45.646
46.572
48.325
50.008
51.979
54.327

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	5.607	PBA	0.0896	1043.56250	149.15297	0.07345
2	6.971	PBA	0.1495	1342.37952	106.19102	0.09448
3	7.588	PBA	0.0648	8633.97363	1805.82141	0.60769
4	7.927	PB	0.0361	1342.98779	578.14838	0.09452
5	8.005	VB	0.0568	1031.40198	251.85129	0.07259
6	8.398	PBA	0.1607	855.11707	65.32018	0.06019
7	8.644	PB	0.0386	350.71017	159.72006	0.02468
8	8.788	VB	0.0535	757.61932	178.56035	0.05332
9	8.898	VB	0.0453	563.17084	180.77115	0.03964
10	9.011	VB	0.0547	1499.53088	391.64072	0.10554
11	9.149	VB	0.0421	839.47473	314.63303	0.05909
12	9.259	VB	0.0628	8602.78418	1900.67065	0.60550
13	9.489	VBA	0.1164	1144.81201	125.53308	0.08058
14	9.827	PB	0.0615	3.14888e4	7140.30469	2.21629
15	10.126	VB	0.0548	780.47107	198.81491	0.05493
16	10.263	VB	0.0630	5874.62402	1270.32214	0.41348
17	10.476	VB	0.0509	726.82593	207.29152	0.05116
18	10.650	VB	0.0552	1261.23828	311.88327	0.08877
19	10.740	VBA	0.0990	1482.16614	194.21281	0.10432
20	11.005	BB	0.0366	597.11597	282.73083	0.04203
21	11.072	VB	0.0254	193.23466	115.97330	0.01360
22	11.120	VB	0.0270	149.04927	86.83595	0.01049
23	11.184	VB	0.0389	778.08191	314.13489	0.05476
24	11.310	VB	0.0595	3807.75586	935.55927	0.26800
25	11.454	VBA	0.0572	2793.70215	705.85199	0.19663
26	11.649	BB	0.0584	2.66236e4	6413.23486	1.87386
27	11.845	VBA	0.1304	1353.41455	127.90778	0.09526
28	12.016	BB	0.0467	313.78299	81.97741	0.02209

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	12.159	VB	0.0526	5.36691e4	1.54064e4	3.77742
30	12.269	VB	0.0453	2653.30444	928.89661	0.18675
31	12.401	VB	0.0562	1638.10034	388.75284	0.11530
32	12.528	VB	0.0639	1598.57178	339.47659	0.11251
33	12.660	VBA	0.1191	1132.63000	115.82890	0.07972
34	12.815	PB	0.0396	484.89130	190.86511	0.03413
35	12.940	VB	0.0474	1042.32849	301.13568	0.07336
36	13.049	VB	0.0332	414.05222	217.76231	0.02914
37	13.111	VB	0.0410	1064.49036	387.68524	0.07492
38	13.294	VB	0.0573	1653.09424	407.45807	0.11635
39	13.369	VB	0.0416	1525.57373	582.50323	0.10738
40	13.494	VB	0.0515	2455.35205	725.02393	0.17282
41	13.632	VB	0.0508	2.27092e4	7001.21777	1.59835
42	13.764	VB	0.0476	6053.65820	1830.12415	0.42608
43	14.028	VB	0.0620	7494.27979	1749.30457	0.52747
44	14.197	VB	0.0446	821.53204	277.07837	0.05782
45	14.308	VB	0.0412	532.17657	167.00609	0.03746
46	14.470	VB	0.0483	7.10510e4	2.22493e4	5.00083
47	14.660	VB	0.0593	1874.84290	435.13678	0.13196
48	14.775	VB	0.0539	1470.60144	374.10764	0.10351
49	14.939	VB	0.0299	227.92577	98.68691	0.01604
50	15.096	VB	0.0497	768.14398	231.55818	0.05406
51	15.165	VB	0.0248	83.41394	54.65575	0.00587
52	15.298	VB	0.0548	1714.42419	478.42371	0.12067
53	15.449	VB	0.0649	2174.49268	430.46262	0.15305
54	15.538	VB	0.0304	484.55533	241.26250	0.03410
55	15.628	VB	0.0366	985.94702	431.89850	0.06939
56	15.726	VB	0.0617	6203.04932	1619.88904	0.43659
57	15.872	VB	0.0405	3891.22241	1593.86096	0.27388
58	15.951	VB	0.0352	3831.65112	1772.25427	0.26969
59	16.017	VB	0.0316	2620.39990	1351.23584	0.18443
60	16.190	VB	0.0460	455.42969	132.73174	0.03205
61	16.333	VB	0.0482	808.44861	218.26732	0.05690
62	16.516	VB	0.0635	4852.35059	1002.06500	0.34153
63	16.707	VB	0.0474	8.10654e4	2.46185e4	5.70568
64	16.853	VB	0.0342	1150.77539	553.87628	0.08100
65	16.951	VB	0.0614	2003.43457	437.36685	0.14101
66	17.203	VB	0.0466	497.99585	146.70834	0.03505
67	17.264	VB	0.0330	442.11819	206.31522	0.03112
68	17.330	VB	0.0297	199.94333	107.44035	0.01407
69	17.417	VB	0.0644	1481.11621	286.05673	0.10425
70	17.672	VB	0.0536	5421.77783	1557.11536	0.38160
71	17.796	VB	0.0486	2.15283e4	6688.63232	1.51524
72	17.918	VB	0.0463	2679.74121	838.85248	0.18861
73	18.041	VB	0.0457	7622.51025	2361.59351	0.53650
74	18.187	VB	0.0410	5983.55127	2254.98291	0.42114
75	18.328	VB	0.0398	352.59769	133.67464	0.02482
76	18.600	VB	0.0576	705.33289	162.57130	0.04964
77	18.665	VB	0.0285	389.30127	211.56145	0.02740

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	18.846	VB	0.0462	7.72516e4	2.29796e4	5.43725
79	19.021	VB	0.0647	2.58877e4	6337.93457	1.82207
80	19.390	VB	0.0841	4311.75684	698.12183	0.30348
81	19.474	VB	0.0211	109.21802	74.36730	0.00769
82	19.538	VB	0.0393	800.71027	318.98654	0.05636
83	19.793	VB	0.0550	2998.60620	760.65222	0.21105
84	19.854	VB	0.0306	1719.63318	927.56067	0.12103
85	19.935	VB	0.0460	5198.60937	1892.66809	0.36590
86	20.000	VB	0.0270	866.40491	505.61121	0.06098
87	20.115	VB	0.0427	5783.89258	2063.83496	0.40709
88	20.262	VB	0.0366	4884.98389	2067.38110	0.34382
89	20.344	VB	0.0301	729.85309	403.55807	0.05137
90	20.399	VB	0.0301	966.32605	509.61151	0.06801
91	20.630	VB	0.1061	2053.63135	239.32457	0.14454
92	20.774	VB	0.0230	174.48633	106.87516	0.01228
93	20.892	VB	0.0473	7.01182e4	2.13484e4	4.93517
94	21.002	VB	0.0321	383.18805	185.74371	0.02697
95	21.147	VB	0.0544	5.69132e4	1.40093e4	4.00576
96	21.218	VB	0.0314	298.41260	148.46663	0.02100
97	21.295	VB	0.0293	368.23364	211.33525	0.02592
98	21.344	VB	0.0265	278.86084	175.82849	0.01963
99	21.429	VB	0.0400	607.16211	221.22847	0.04273
100	21.593	VB	0.0645	5890.16650	1215.99231	0.41457
101	21.696	VB	0.0296	824.15149	444.41867	0.05801
102	21.739	VB	0.0151	162.17690	233.67471	0.01141
103	21.870	VB	0.0271	756.61029	463.32123	0.05325
104	21.920	VB	0.0388	1151.44995	483.11337	0.08104
105	21.988	VB	0.0263	674.24945	428.82196	0.04746
106	22.105	VB	0.0408	7244.29590	2654.02002	0.50988
107	22.247	VB	0.0387	4656.86523	1828.96960	0.32777
108	22.372	VB	0.0327	374.41202	184.66827	0.02635
109	22.447	VB	0.0266	313.57971	161.56125	0.02207
110	22.513	VB	0.0401	336.50485	105.73458	0.02368
111	22.845	VB	0.0401	5.32043e4	1.82279e4	3.74471
112	23.011	VB	0.0433	515.59583	161.33635	0.03629
113	23.100	VB	0.0478	2999.34180	901.88507	0.21110
114	23.243	VB	0.0435	476.25031	156.65659	0.03352
115	23.339	VB	0.0525	1058.87708	284.04041	0.07453
116	23.464	VB	0.0442	797.15295	243.52011	0.05611
117	23.591	VB	0.0547	2656.90601	708.56812	0.18700
118	23.689	VB	0.0296	453.86356	245.08304	0.03194
119	23.780	VB	0.0393	1684.19470	649.43591	0.11854
120	23.895	VB	0.0469	5763.69727	1684.38745	0.40567
121	24.001	VB	0.0424	5022.69092	1809.41284	0.35352
122	24.146	VB	0.0441	4823.08594	1699.32397	0.33947
123	24.307	VB	0.0413	265.11560	98.93929	0.01866
124	24.433	VB	0.0570	3725.20654	945.77142	0.26219
125	24.716	VB	0.0458	6.01039e4	1.80807e4	4.23033
126	24.786	VB	0.0241	226.48822	138.26982	0.01594

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	24.855	VB	0.0480	948.51929	283.44751	0.06676
128	25.010	VB	0.0353	599.92432	247.34485	0.04222
129	25.081	VB	0.0433	1351.78845	459.23868	0.09514
130	25.179	VB	0.0543	495.58124	122.28720	0.03488
131	25.307	VB	0.0250	135.17033	83.04342	0.00951
132	25.411	VB	0.0362	1098.72021	423.78275	0.07733
133	25.465	VB	0.0251	201.48074	129.87120	0.01418
134	25.510	VB	0.0213	242.40825	185.11172	0.01706
135	25.606	VB	0.0410	1397.87537	526.28271	0.09839
136	25.723	VB	0.0433	2276.09839	847.90985	0.16020
137	25.822	VB	0.0431	5601.82129	1972.55640	0.39428
138	25.965	VB	0.0394	3319.96240	1411.23767	0.23367
139	26.117	VB	0.0597	6521.19043	1389.95715	0.45899
140	26.270	VB	0.0558	1288.77661	301.64584	0.09071
141	26.502	VB	0.0465	5.10163e4	1.62911e4	3.59071
142	26.633	VB	0.0390	1431.89783	556.92761	0.10078
143	26.783	VB	0.0388	738.93713	279.61700	0.05201
144	26.848	VB	0.0312	437.17203	194.84045	0.03077
145	26.946	VB	0.0400	381.86722	130.92984	0.02688
146	27.138	VB	0.0649	4837.49707	897.46545	0.34048
147	27.220	VB	0.0221	193.31262	139.70111	0.01361
148	27.270	VB	0.0347	593.10315	292.40005	0.04174
149	27.354	VB	0.0388	860.85059	326.58633	0.06059
150	27.467	VB	0.0384	1632.14429	695.97076	0.11488
151	27.562	VB	0.0576	4508.88477	1105.18164	0.31735
152	27.708	VB	0.0506	5272.67676	1444.47937	0.37111
153	27.891	VB	0.0675	2482.07788	512.53735	0.17470
154	28.074	VB	0.0323	343.60971	136.84984	0.02418
155	28.217	VB	0.0428	4.52456e4	1.51548e4	3.18455
156	28.344	VB	0.1010	3411.74023	419.06284	0.24013
157	28.538	VB	0.0293	270.74185	135.44072	0.01906
158	28.617	VB	0.0370	629.77557	216.07440	0.04433
159	28.848	VB	0.0695	8042.43701	1525.22510	0.56606
160	28.955	VB	0.0292	711.79681	357.25867	0.05010
161	29.033	VB	0.0273	493.39102	283.18674	0.03473
162	29.148	VB	0.0368	1716.45276	745.84595	0.12081
163	29.243	VB	0.0376	3444.06250	1512.51660	0.24241
164	29.320	VB	0.0319	1224.27173	624.65533	0.08617
165	29.377	VB	0.0321	1265.70557	700.36053	0.08908
166	29.514	VB	0.0965	2660.95068	332.07098	0.18729
167	29.718	VB	0.0389	336.16315	135.93300	0.02366
168	29.861	VB	0.0419	3.83917e4	1.32037e4	2.70215
169	29.979	VB	0.0296	655.11737	310.79645	0.04611
170	30.056	VB	0.0337	859.44318	337.95480	0.06049
171	30.183	VB	0.0698	2777.15625	532.83331	0.19547
172	30.301	VB	0.0281	174.63211	84.58928	0.01229
173	30.422	VB	0.0517	1537.06177	419.51498	0.10818
174	30.520	VB	0.0236	237.00182	148.89215	0.01668
175	30.570	VB	0.0323	627.87885	328.67105	0.04419

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	30.646	VB	0.0310	818.38690	415.85168	0.05760
177	30.760	VB	0.0428	1198.11621	439.88559	0.08433
178	30.843	VB	0.0325	1027.72559	509.86066	0.07234
179	30.901	VB	0.0305	795.24432	432.10089	0.05597
180	30.982	VB	0.0364	3059.19214	1301.04382	0.21532
181	31.128	VB	0.0498	638.20996	162.74591	0.04492
182	31.215	VB	0.0229	135.95332	75.94461	0.00957
183	31.305	VB	0.0397	432.12930	137.32855	0.03041
184	31.443	VB	0.0414	3.52634e4	1.23224e4	2.48197
185	31.495	VB	0.0205	66.82992	53.86186	0.00470
186	31.586	VB	0.0394	1046.21521	335.06104	0.07364
187	31.663	VB	0.0265	215.72423	111.62414	0.01518
188	31.740	VB	0.0309	176.17319	86.02245	0.01240
189	31.808	VB	0.0457	666.63885	206.52203	0.04692
190	31.972	VB	0.0726	3563.90796	643.86462	0.25084
191	32.124	VB	0.0299	859.09351	418.57385	0.06047
192	32.199	VB	0.0330	400.54205	194.97978	0.02819
193	32.305	VB	0.0345	1197.21191	473.72952	0.08426
194	32.386	VB	0.0351	1606.59143	719.05237	0.11308
195	32.522	VB	0.0451	2009.88977	648.67419	0.14146
196	32.584	VBA	0.1074	1694.80530	198.88962	0.11929
197	32.847	BB	0.0436	622.63190	222.88359	0.04382
198	32.962	VB	0.0414	2.78325e4	1.00305e4	1.95895
199	33.016	VBA	0.1573	1099.47925	84.22998	0.07739
200	33.138	PBA	0.0890	1012.47717	142.36728	0.07126
201	33.461	PB	0.0685	2086.66260	409.08203	0.14687
202	33.619	VB	0.0336	602.78577	285.44733	0.04243
203	33.698	VB	0.0383	739.28461	293.94659	0.05203
204	33.808	VB	0.0389	797.89478	322.48236	0.05616
205	33.872	VB	0.0354	1202.41125	531.75714	0.08463
206	33.945	VB	0.0209	127.60909	93.91620	0.00898
207	34.010	VB	0.0376	2278.33105	961.57739	0.16036
208	34.110	VBA	0.0889	1351.16382	190.16983	0.09510
209	34.429	PB	0.0474	2.72674e4	9245.55859	1.91918
210	34.528	VB	0.0499	1278.61792	356.24847	0.08999
211	34.637	VB	0.0541	879.34564	213.19009	0.06189
212	34.771	VB	0.0375	284.80289	96.38351	0.02005
213	34.895	VB	0.0411	860.24109	323.00644	0.06055
214	34.955	VBA	0.1708	1082.33130	75.23891	0.07618
215	35.066	BB	0.0323	478.64185	240.03838	0.03369
216	35.135	VBA	0.1205	986.54767	97.97160	0.06944
217	35.308	BB	0.0653	4083.15820	861.56769	0.28739
218	35.445	VB	0.0447	1866.47424	593.96033	0.13137
219	35.586	VB	0.0323	396.31400	169.17772	0.02789
220	35.652	VBA	0.1698	1056.63330	74.32913	0.07437
221	35.840	BBA	0.0441	2.37269e4	8119.96973	1.66998
222	36.103	PB	0.0625	816.91302	168.83322	0.05750
223	36.292	VB	0.0532	1560.87524	377.57095	0.10986
224	36.460	VB	0.0699	2233.47510	414.00879	0.15720

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	36.628	VB	0.0326	629.79779	286.79630	0.04433
226	36.692	VB	0.0260	455.73566	230.83588	0.03208
227	36.762	VB	0.0319	284.43951	139.13283	0.02002
228	36.829	VB	0.0333	516.22144	258.34857	0.03633
229	36.890	VB	0.0326	801.97375	381.02142	0.05645
230	37.008	VB	0.0366	652.09393	257.10553	0.04590
231	37.206	VB	0.0466	2.10323e4	7092.18066	1.48033
232	37.379	VB	0.0341	862.66595	345.40045	0.06072
233	37.625	BB	0.0651	1691.04492	333.64996	0.11902
234	37.803	VB	0.0288	282.64157	151.07368	0.01989
235	37.872	VB	0.0404	1350.92590	536.47662	0.09508
236	37.970	VB	0.0314	314.58820	144.25226	0.02214
237	38.032	VB	0.0303	339.41705	150.34981	0.02389
238	38.163	VB	0.0327	532.47150	251.56819	0.03748
239	38.234	VB	0.0325	396.42044	156.78931	0.02790
240	38.348	VB	0.0458	711.66809	193.91722	0.05009
241	38.523	VB	0.0418	1.81119e4	6434.38623	1.27478
242	38.848	VB	0.0525	468.47815	110.49740	0.03297
243	38.918	VB	0.0546	1254.59509	294.95001	0.08830
244	39.107	VB	0.0582	1181.92603	285.94083	0.08319
245	39.327	VB	0.0503	1656.04260	479.12238	0.11656
246	39.444	VB	0.0521	1070.89868	319.83679	0.07537
247	39.568	VB	0.0438	812.61884	250.70802	0.05720
248	39.706	VB	0.0424	2363.92334	938.69257	0.16638
249	39.800	VB	0.0378	1.35654e4	5487.15576	0.95478
250	40.180	VB	0.0625	1257.96765	255.39453	0.08854
251	40.283	VB	0.0351	210.60982	87.39342	0.01482
252	40.356	VB	0.0236	143.71410	77.65828	0.01012
253	40.430	VB	0.0370	321.65689	113.85846	0.02264
254	40.520	VB	0.0265	120.60255	72.27799	0.00849
255	40.577	VB	0.0296	413.02966	204.20445	0.02907
256	40.707	VB	0.0238	168.49408	142.61423	0.01186
257	40.784	VB	0.0415	2703.68726	969.81610	0.19030
258	40.905	VB	0.0345	298.08792	117.83105	0.02098
259	41.037	VBA	0.0453	1.22933e4	4184.08105	0.86524
260	41.397	BBA	0.0973	1420.09583	185.55609	0.09995
261	41.794	PB	0.0546	843.95929	202.62537	0.05940
262	41.918	VB	0.0383	529.48480	210.84746	0.03727
263	42.026	VB	0.0463	2927.28442	967.00818	0.20603
264	42.236	VB	0.0519	1.32703e4	3781.61353	0.93401
265	42.581	VB	0.0696	1310.63538	240.32828	0.09225
266	42.768	VB	0.0580	368.27533	84.30268	0.02592
267	43.014	VB	0.0485	2353.98193	713.69769	0.16568
268	43.104	VB	0.0331	581.90503	233.45111	0.04096
269	43.213	VB	0.0428	1139.64087	418.27005	0.08021
270	43.395	VBA	0.0482	7851.32861	2530.17578	0.55261
271	43.730	BBA	0.1040	1273.25317	151.50359	0.08962
272	44.134	PB	0.0527	1588.97131	491.65366	0.11184
273	44.235	VB	0.0425	566.13232	209.78099	0.03985

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	44.420	VB	0.0427	901.46118	321.38849	0.06345
275	44.526	VBA	0.0486	6835.94141	2241.29907	0.48114
276	44.847	PBA	0.1054	1383.45996	162.44827	0.09737
277	45.227	PB	0.0274	117.41675	67.15274	0.00826
278	45.311	VBA	0.0816	2152.67773	327.68451	0.15151
279	45.646	BBA	0.0508	5237.38770	1534.02917	0.36863
280	46.572	BBA	0.0672	2515.15991	513.19855	0.17703
281	46.897	BBA	0.0577	4547.82227	1112.61438	0.32009
282	47.071	BBA	0.0825	1915.55139	303.99969	0.13482
283	48.325	BBA	0.0658	3491.78247	742.99408	0.24576
284	50.008	BBA	0.0801	3895.51294	667.05463	0.27418
285	51.979	BBA	0.0930	2286.45728	309.99954	0.16093
286	54.327	BBA	0.1064	2739.81982	312.25302	0.19284
Totals :				1.42078e6	4.33872e5	

==========

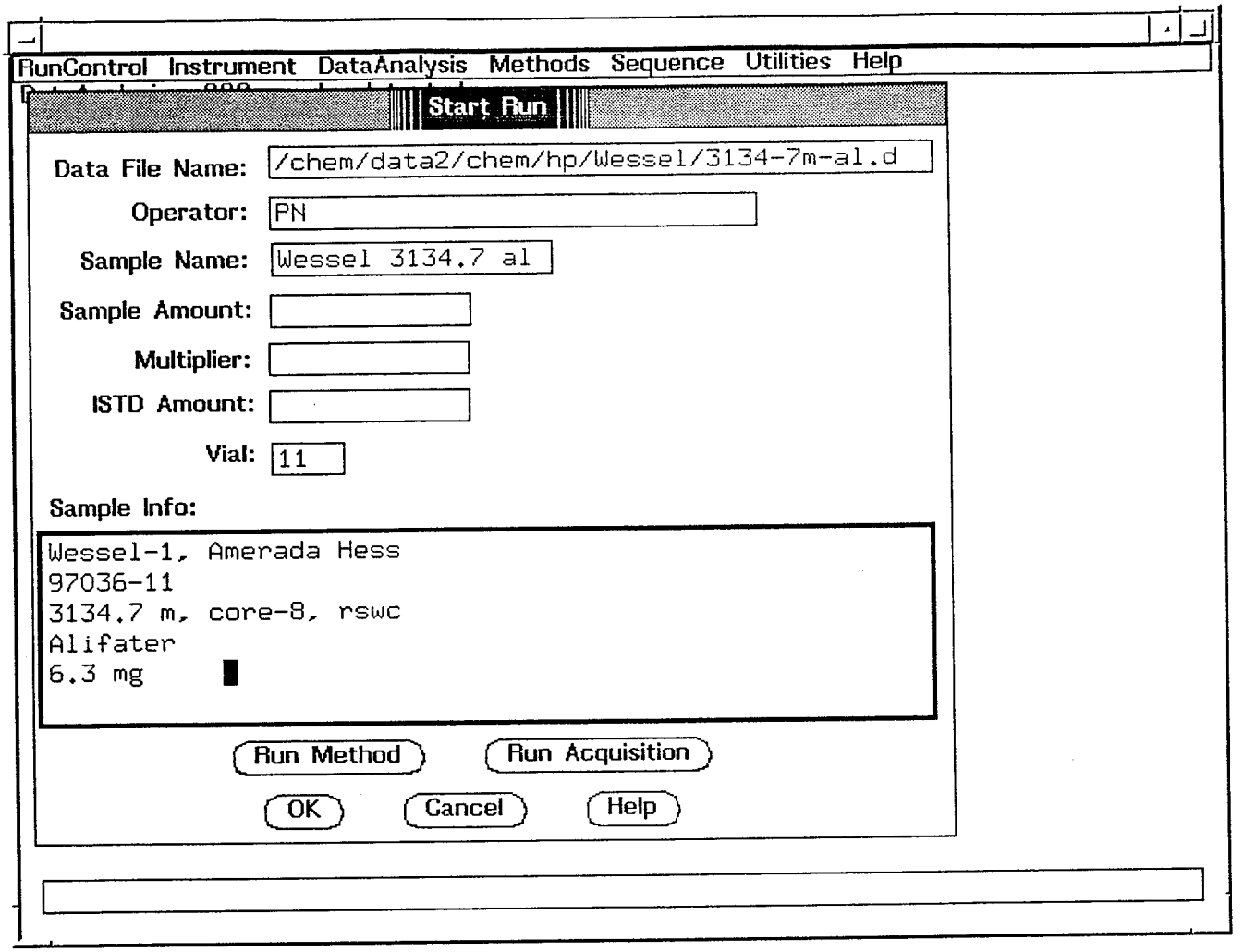
==========

Calibration Curves

==========

==========

*** End of Report ***

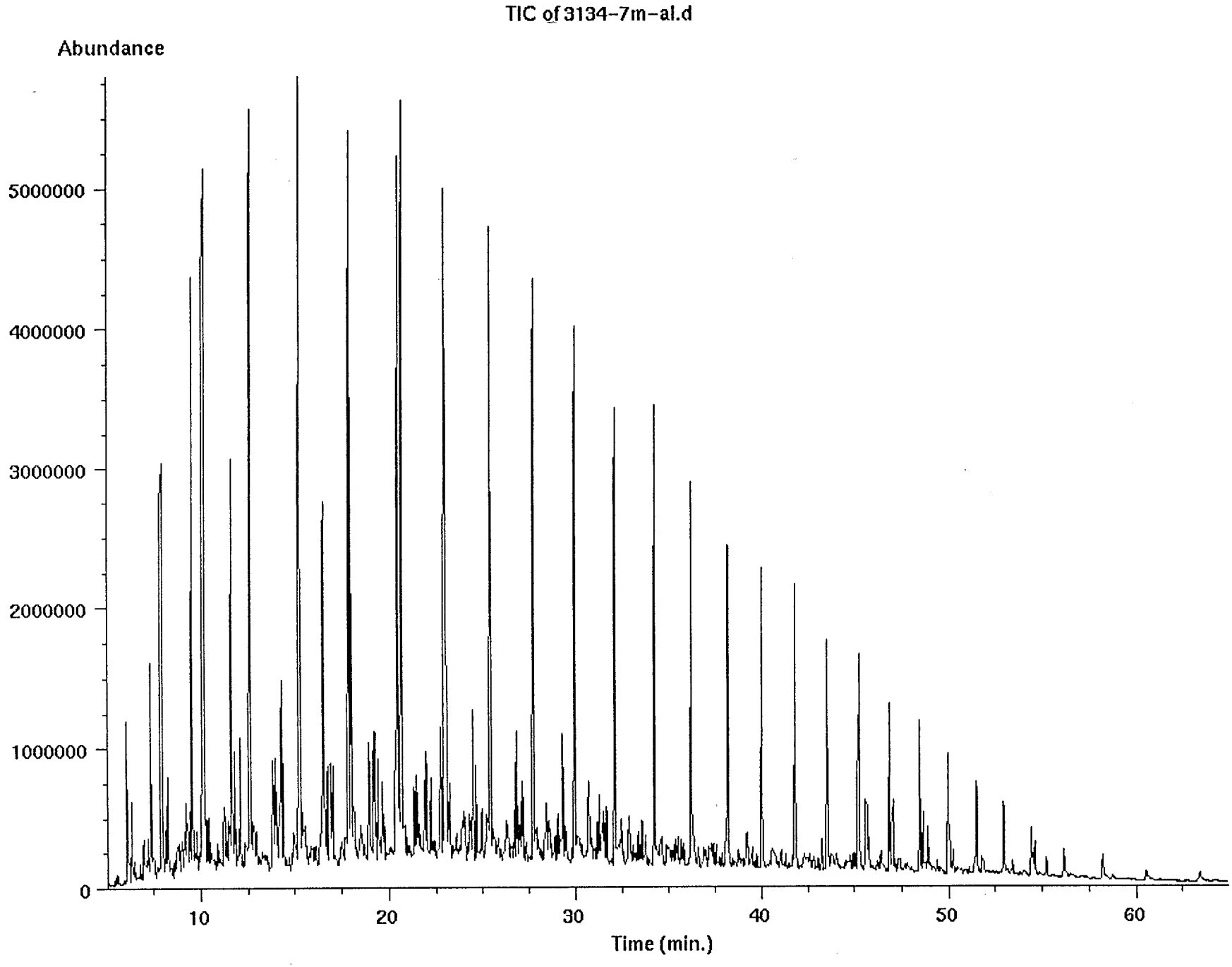

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3134-7m-al.d
Operator: PN
Sample Name: Wessel 3134.7 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 11
Sample Info:
Wessel-1, Amerada Hess
97036-11
3134.7 m, core-8, rswc
Alifater
6.3 mg
Run Method
Run Acquisition
OK
Cancel
Help

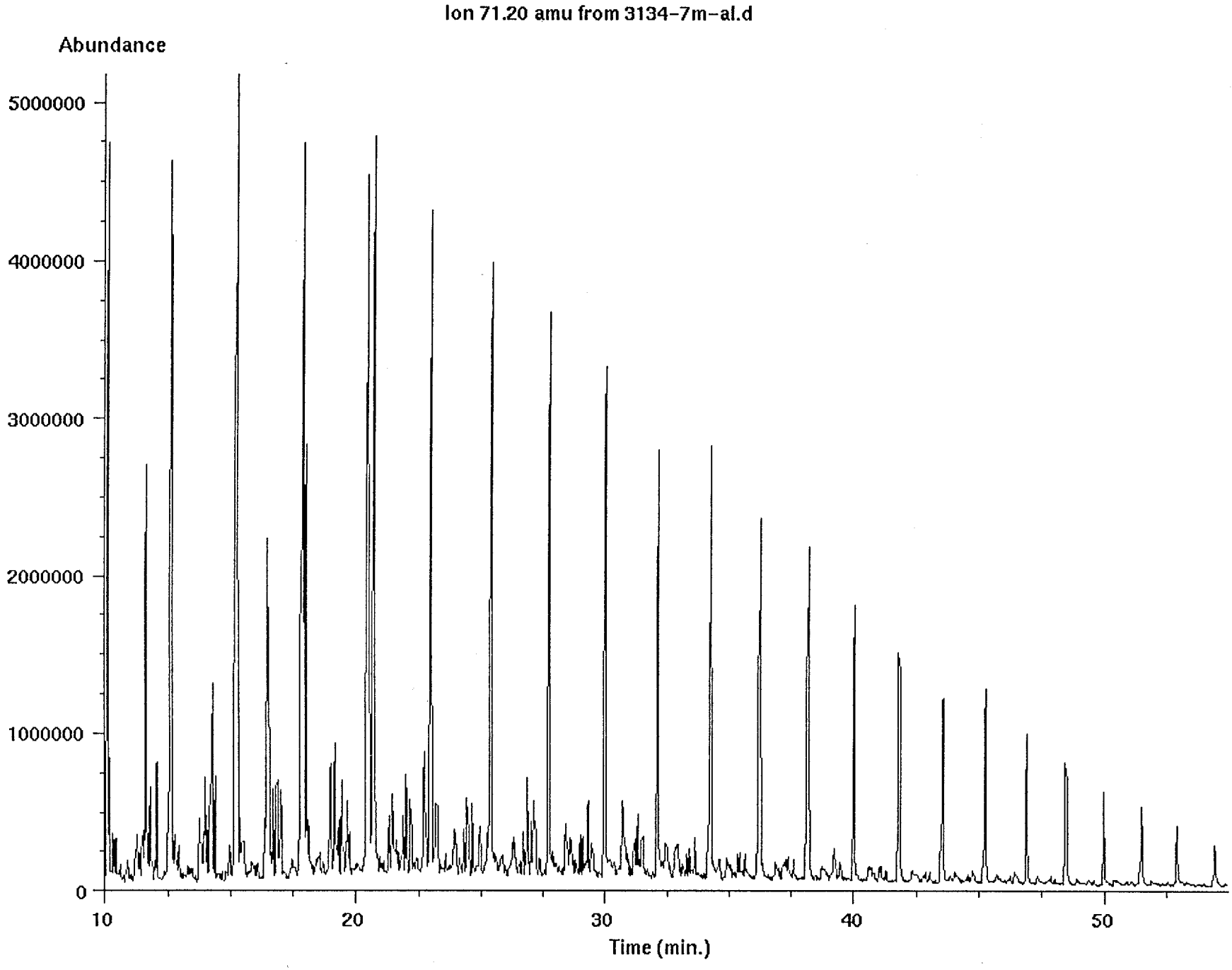
Data file: /chem/data2/chem/hp/Wessel/3134-7m-al.d
File type: GC / MS DATA FILE

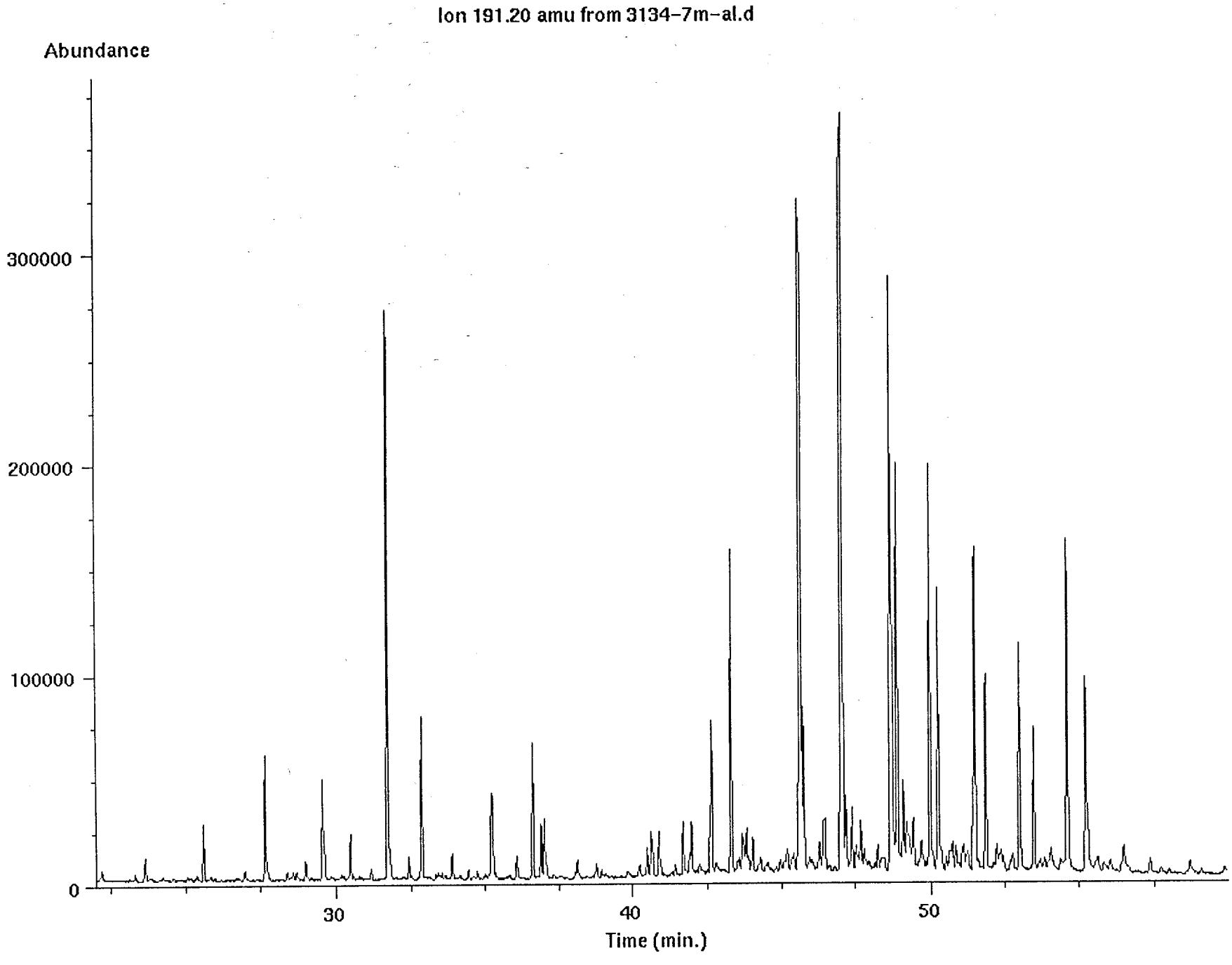
Name Info: Wessel 3134.7 al
Misc Info:
Operator : PN

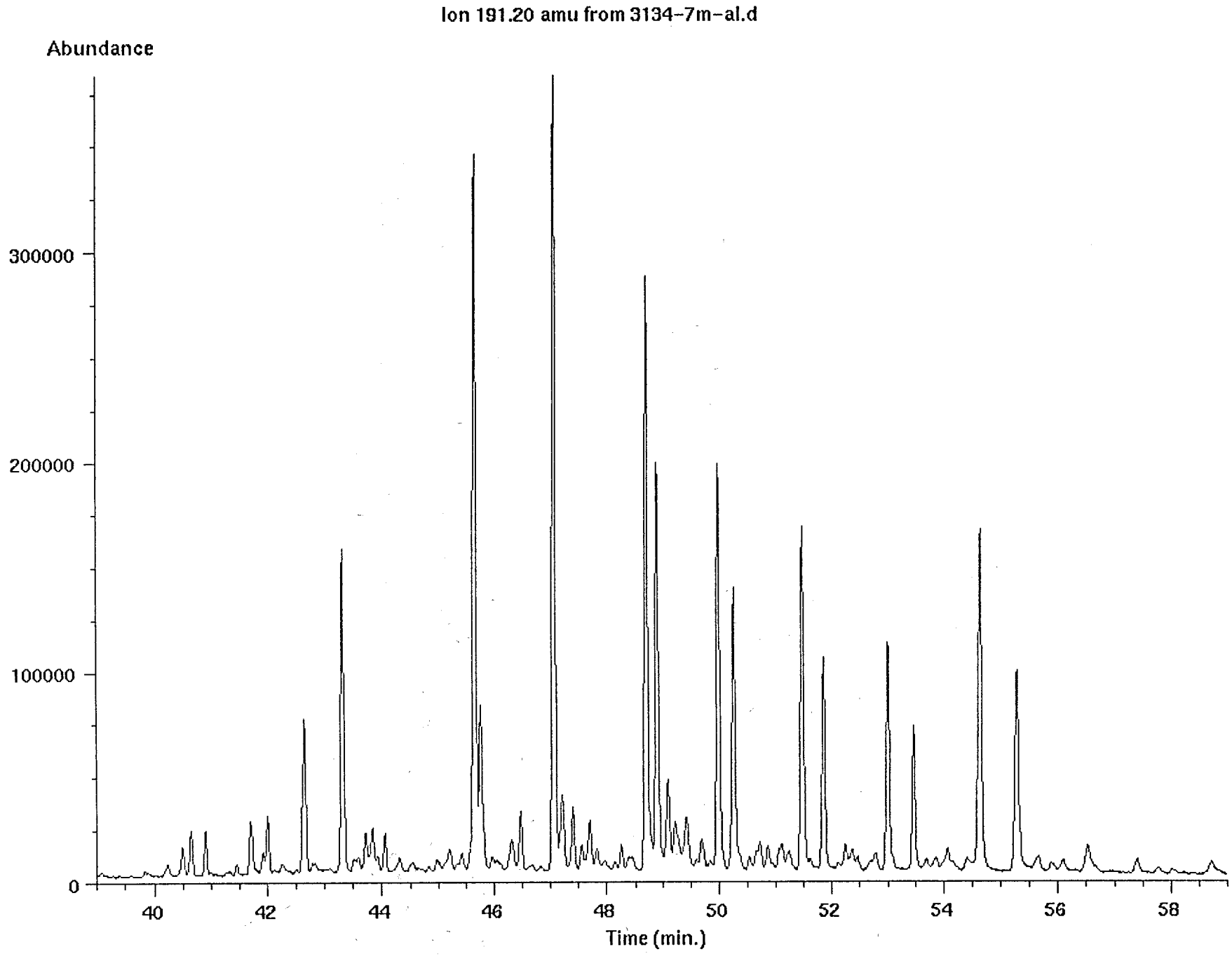
Date : Fri Jan 09 98 10:25:34 PM
Instrment: HP5971
Inlet : GC

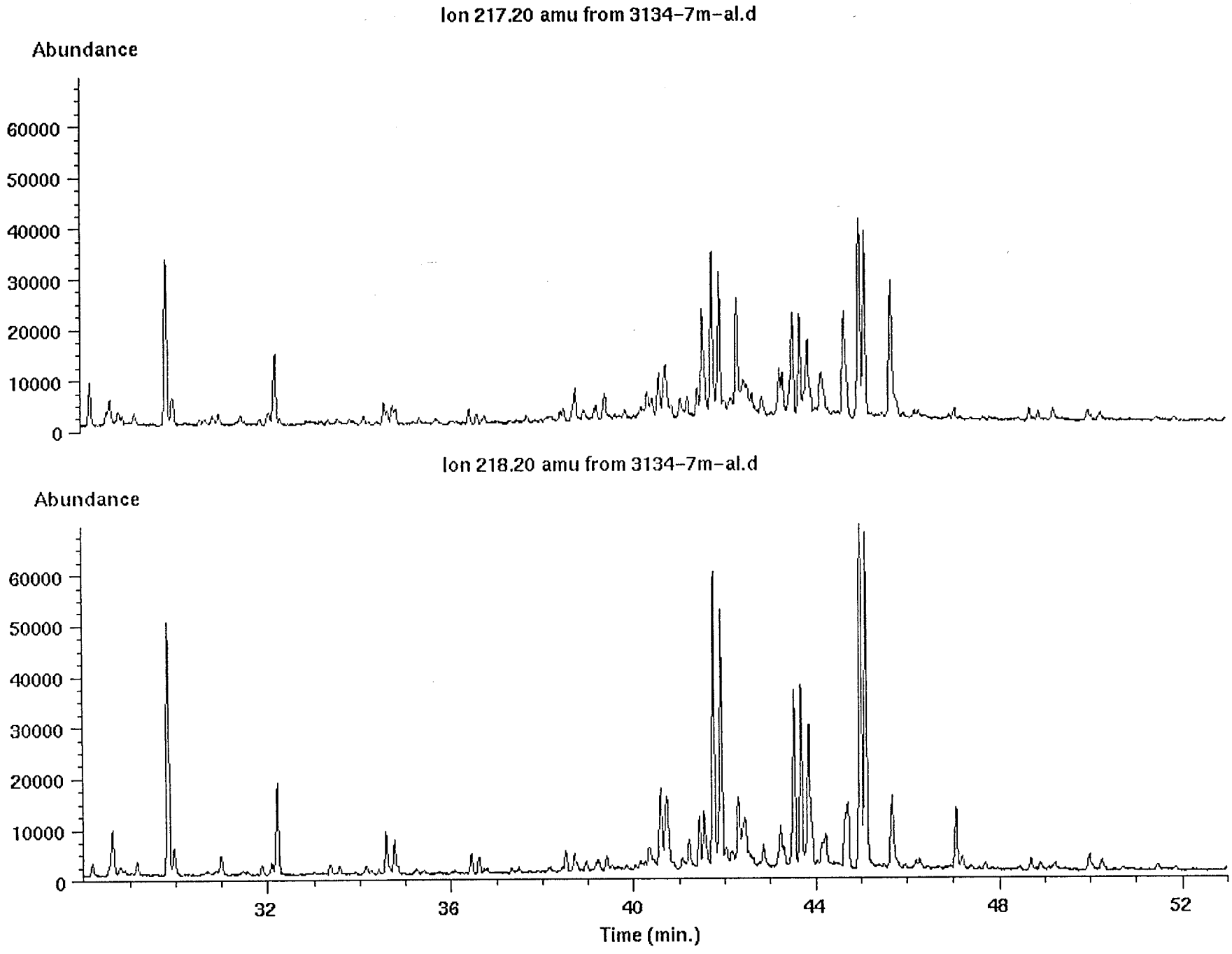
Sequence index : 0
Als bottle num : 11
Replicate num : 1

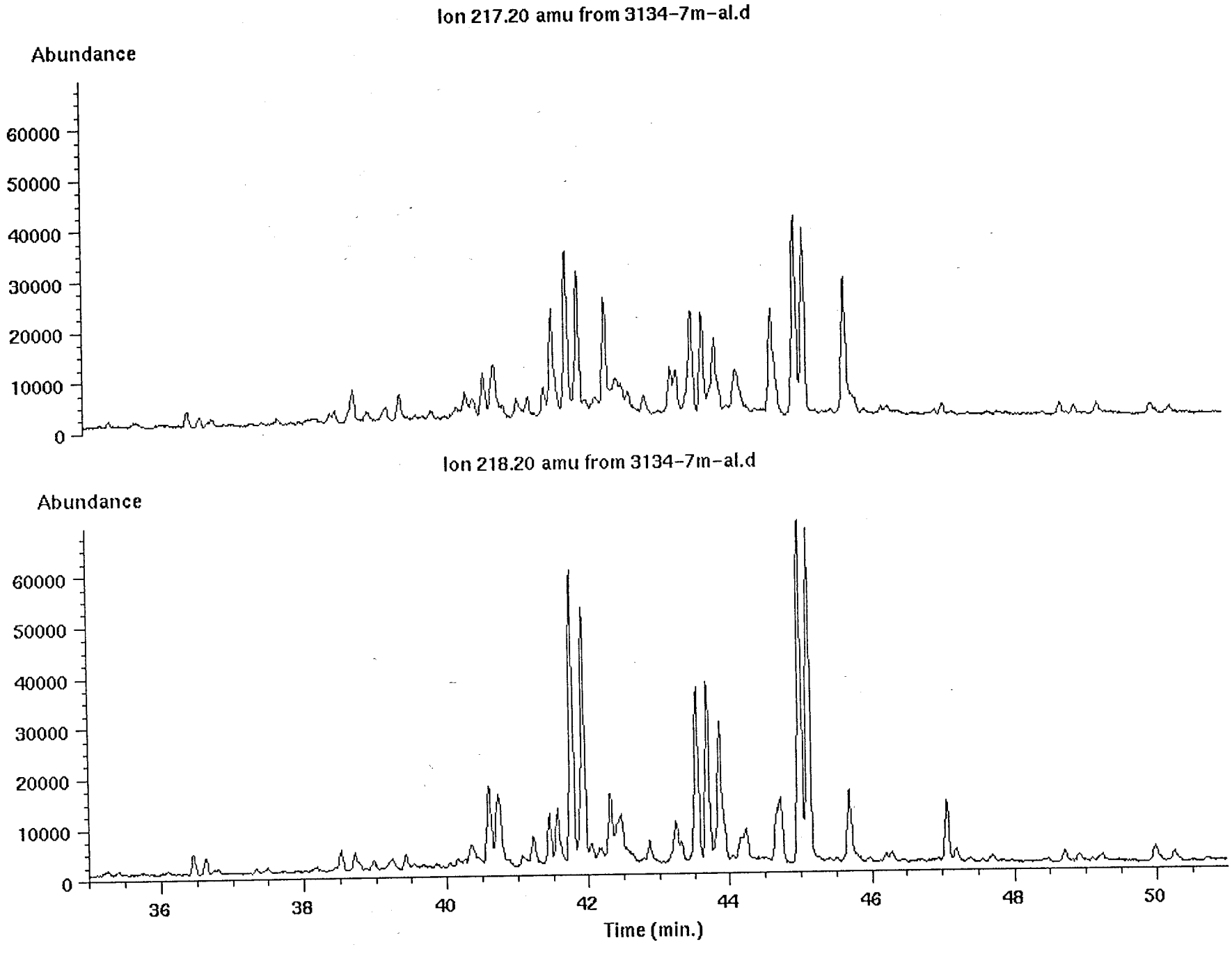

TIC of 3134-7m-al.d
Abundance
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

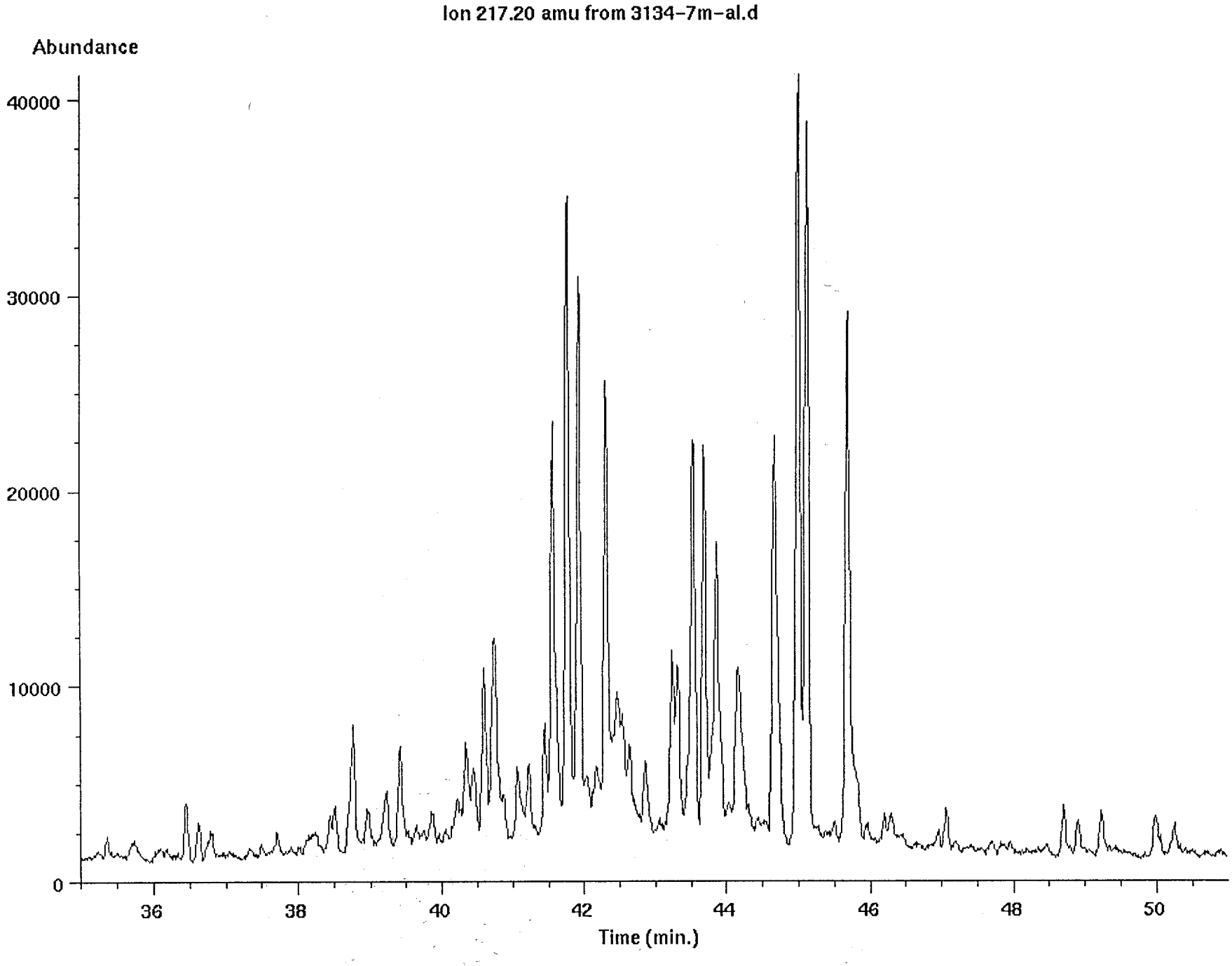

Ion 71.20 amu from 3134-7m-al.d
Abundance
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
Time (min.)

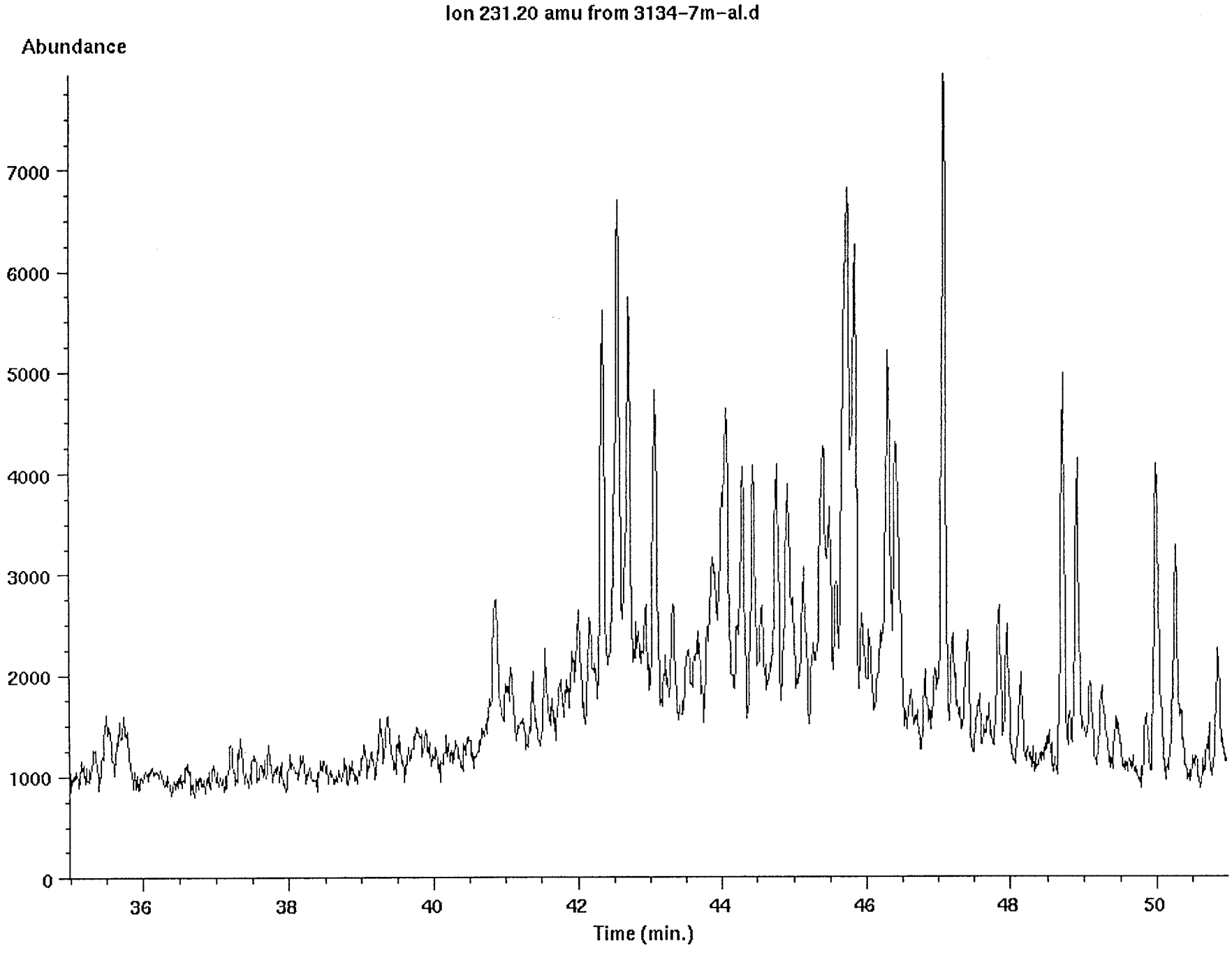

Ion 191.20 amu from 3134-7m-al.d
Abundance
300000
200000
100000
0
30
40
50
Time (min.)

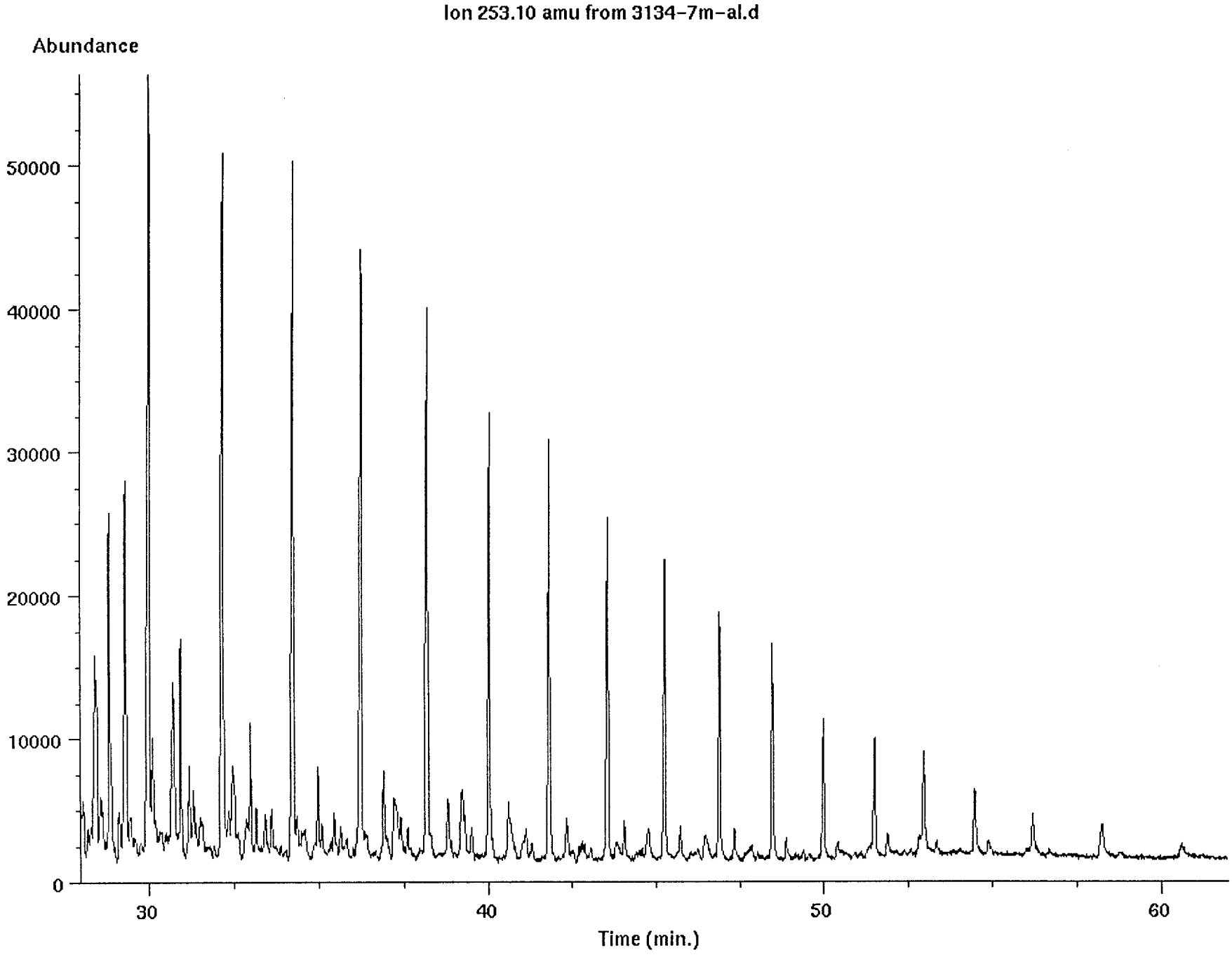

Ion 191.20 amu from 3134-7m-al.d
Abundance
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

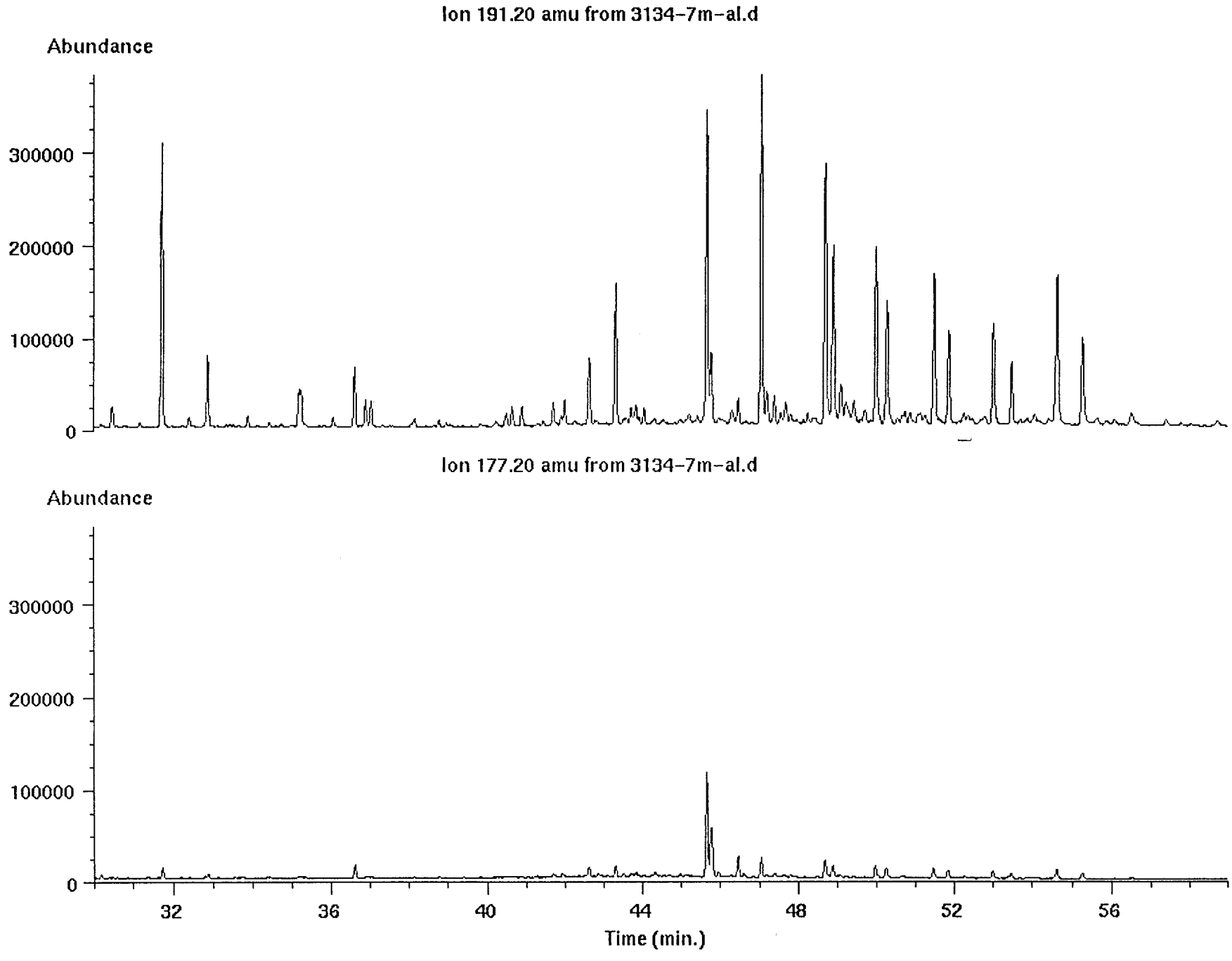

Ion 217.20 amu from 3134-7m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3134-7m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3134-7m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3134-7m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3134-7m-al.d
Abundance
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3134-7m-al.d
Abundance
7000
6000
5000
4000
3000
2000
1000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3134-7m-al.d
Abundance
50000
40000
30000
20000
10000
0
30
40
50
60
Time (min.)


Ion 191.20 amu from 3134-7m-al.d
Abundance
300000
200000
100000
0
Ion 177.20 amu from 3134-7m-al.d
Abundance
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

47036

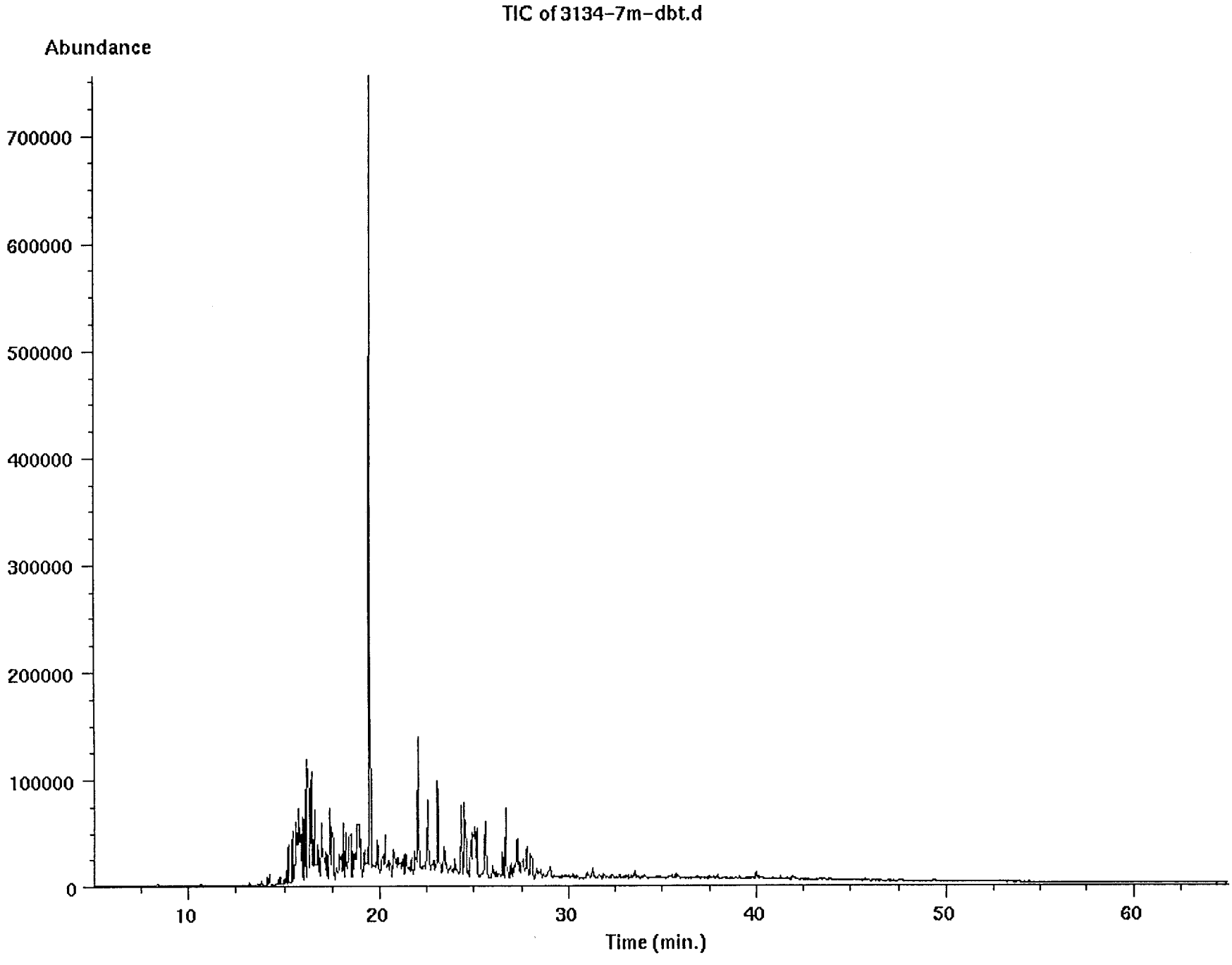
11

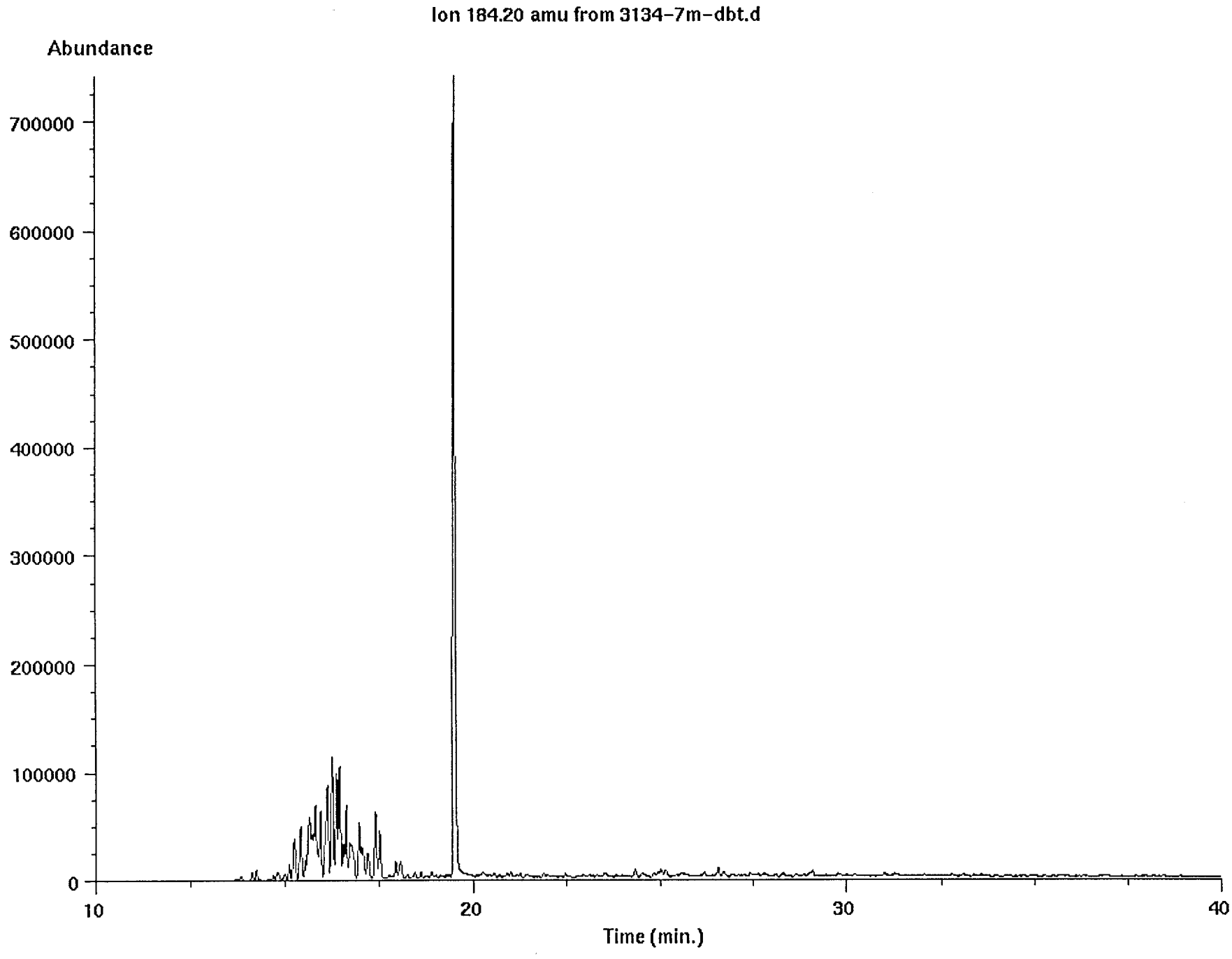
Data file: /chem/data2/chem/hp/Wessel/3134-7m-dbt.d
File type: GC / MS DATA FILE

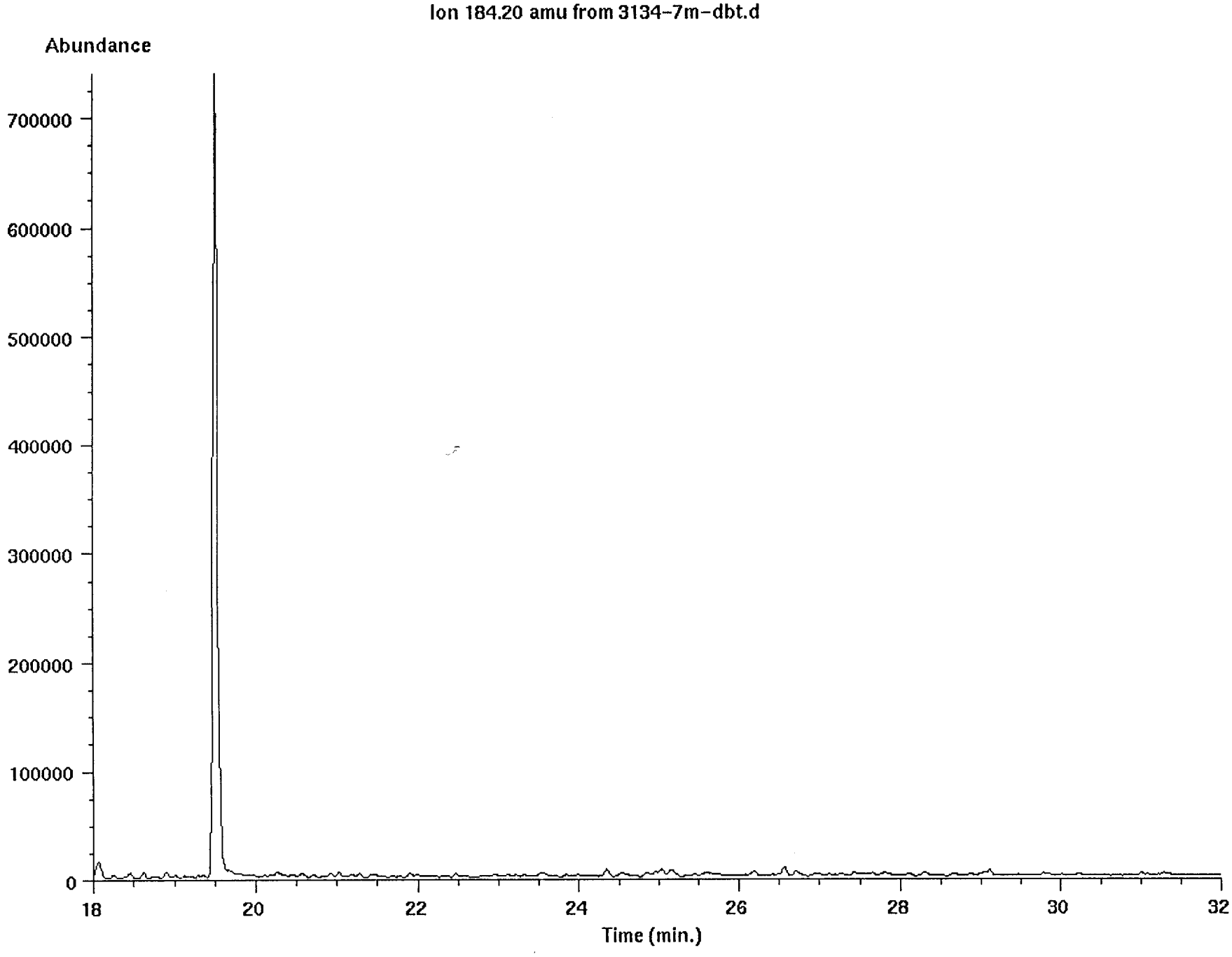
Name Info: Wessel 3134.7 ar
Misc Info:
Operator : PN

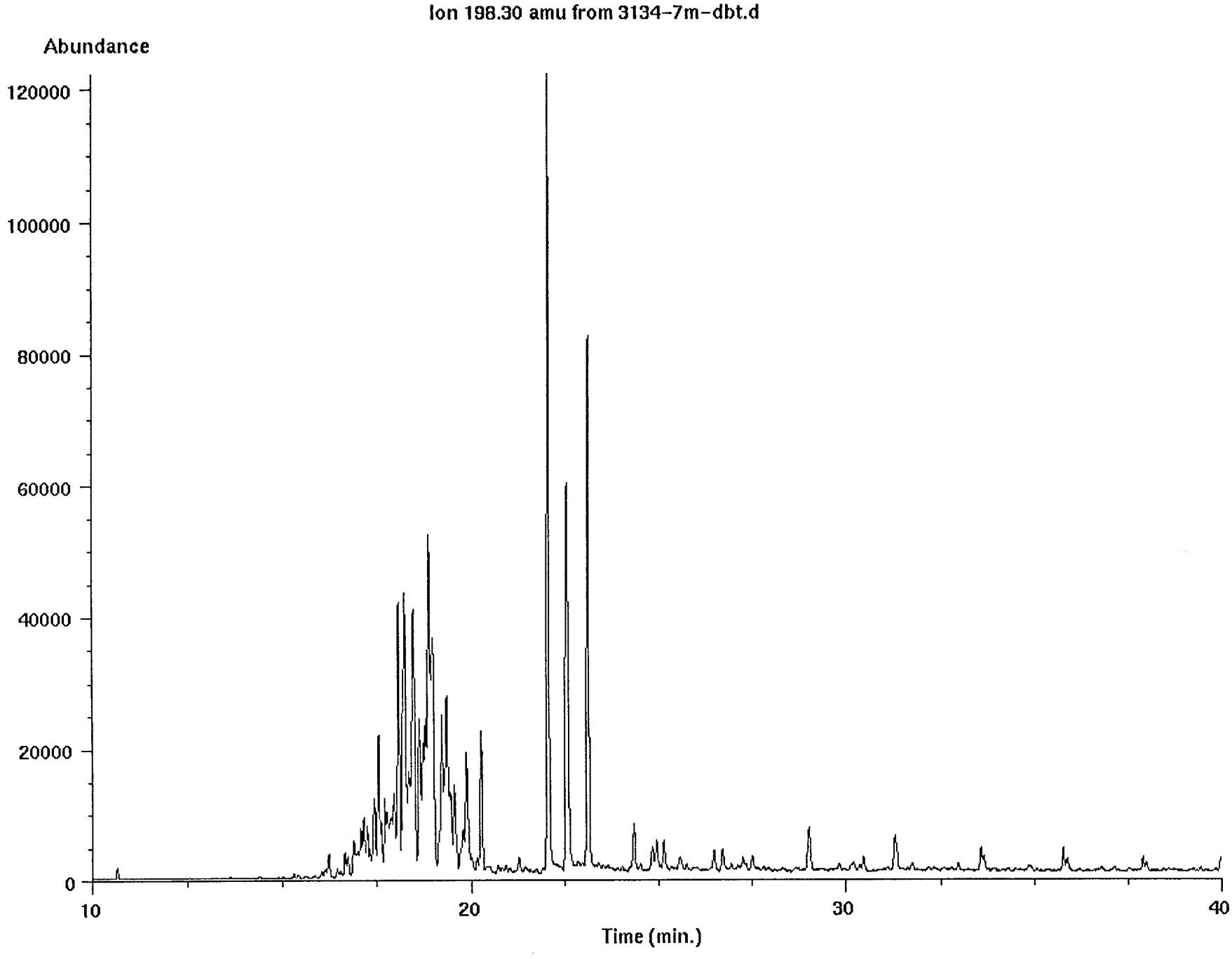
Date : Wed Jan 14 98 04:39:05 AM
Instrment: HP5971
Inlet : GC

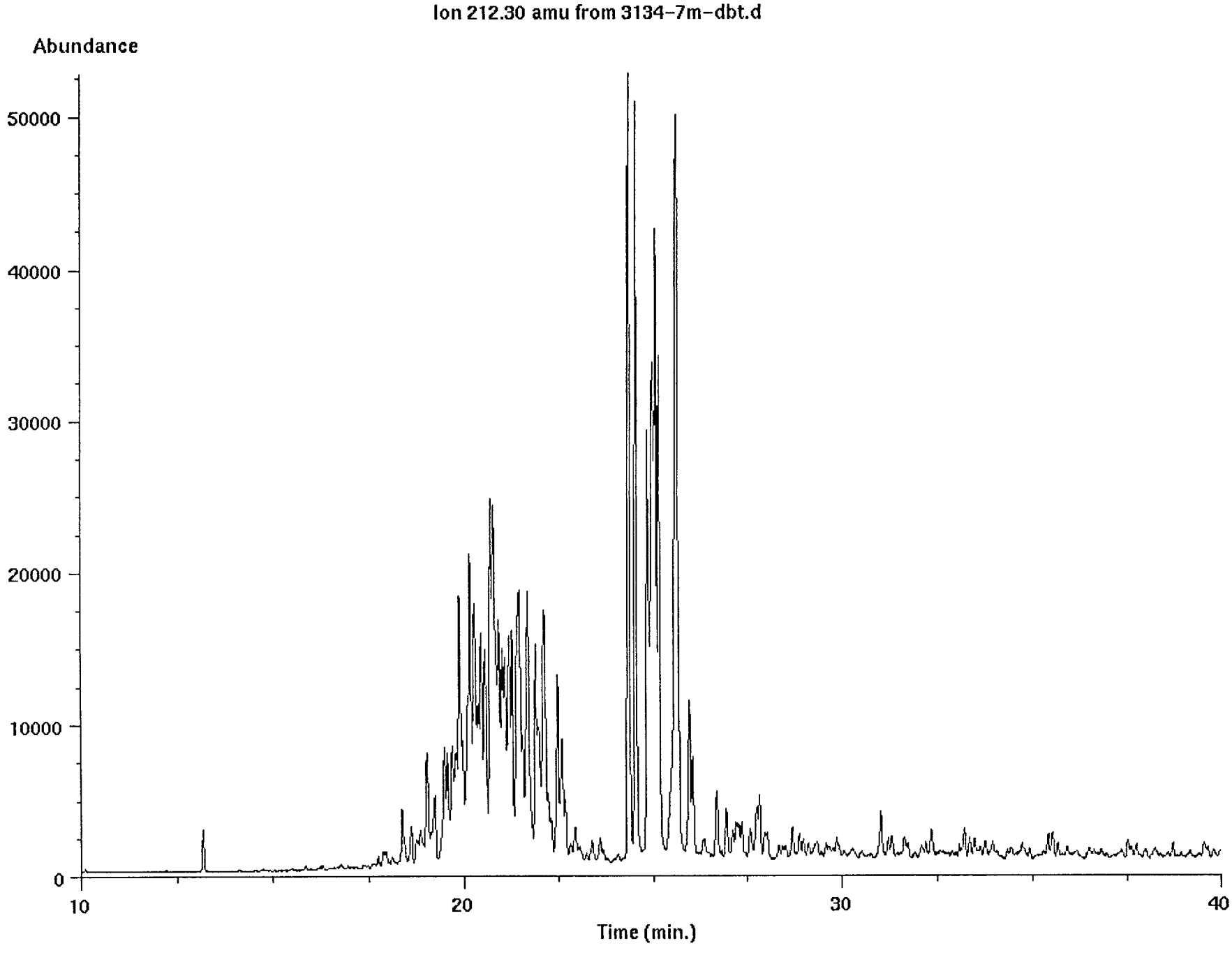
Sequence index : 3
Als bottle num : 11
Replicate num : 1

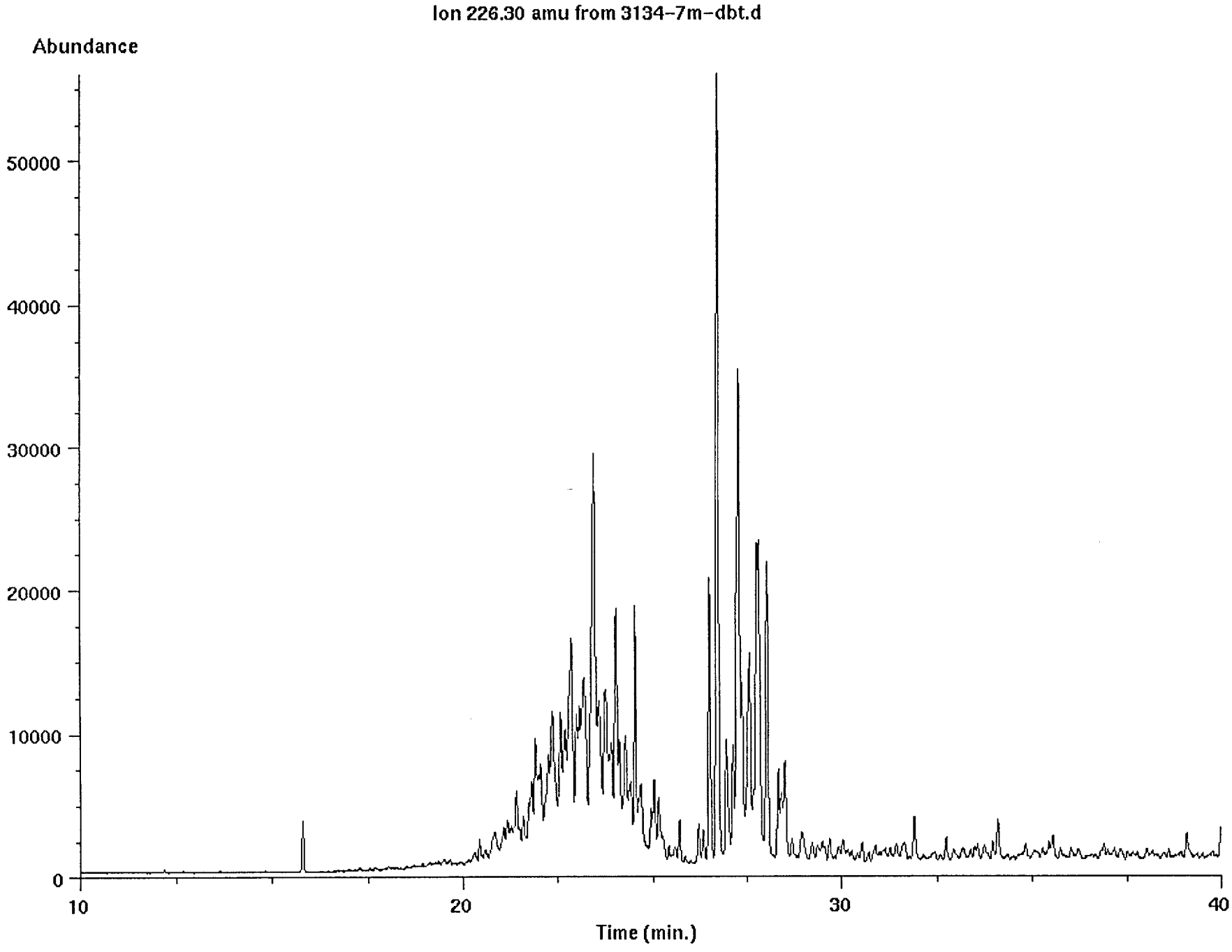

TIC of 3134-7m-dbt.d
Abundance
700000
600000
500000
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

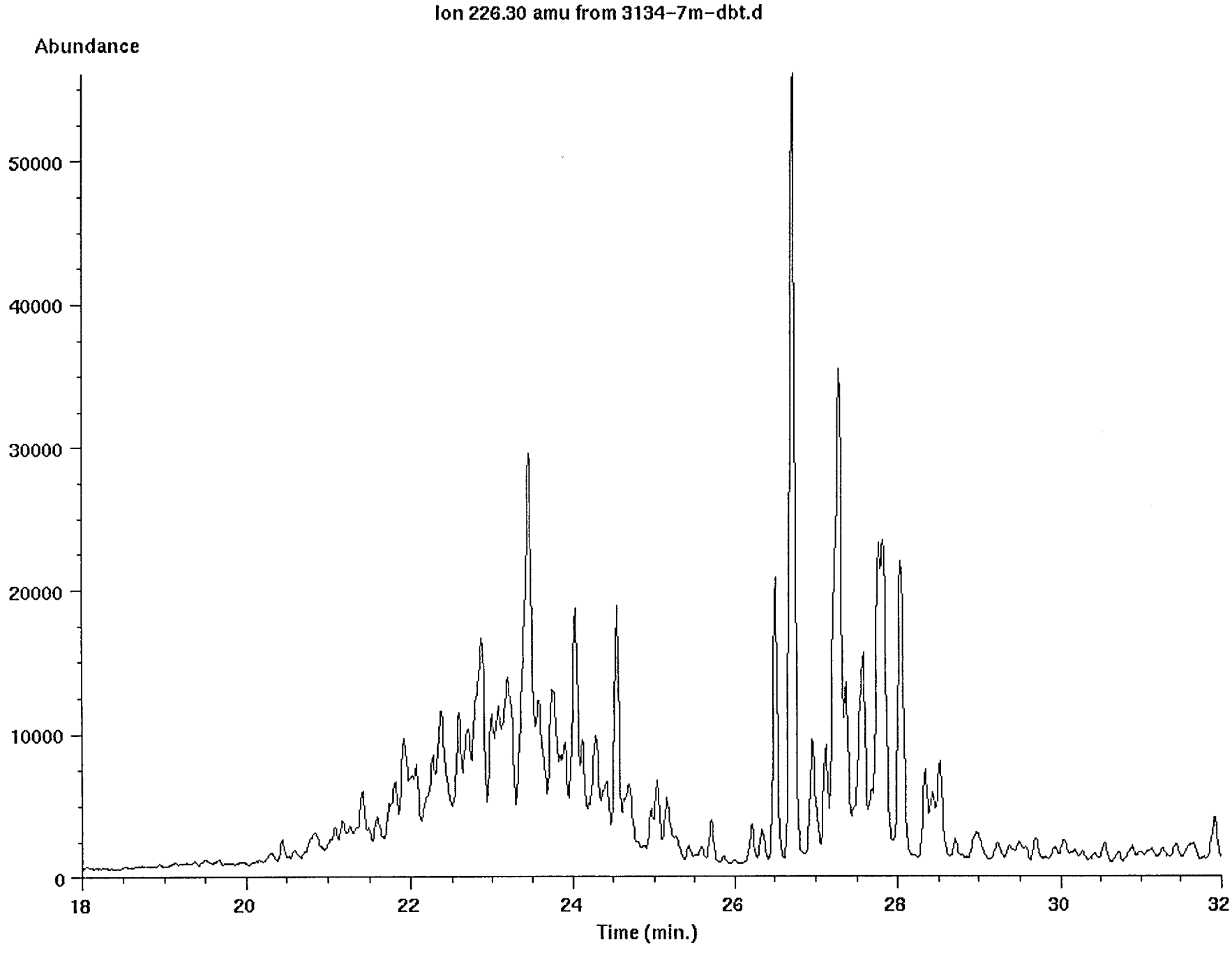

Ion 184.20 amu from 3134-7m-dbt.d
Abundance
700000
600000
500000
400000
300000
200000
100000
0
10
20
30
40
Time (min.)

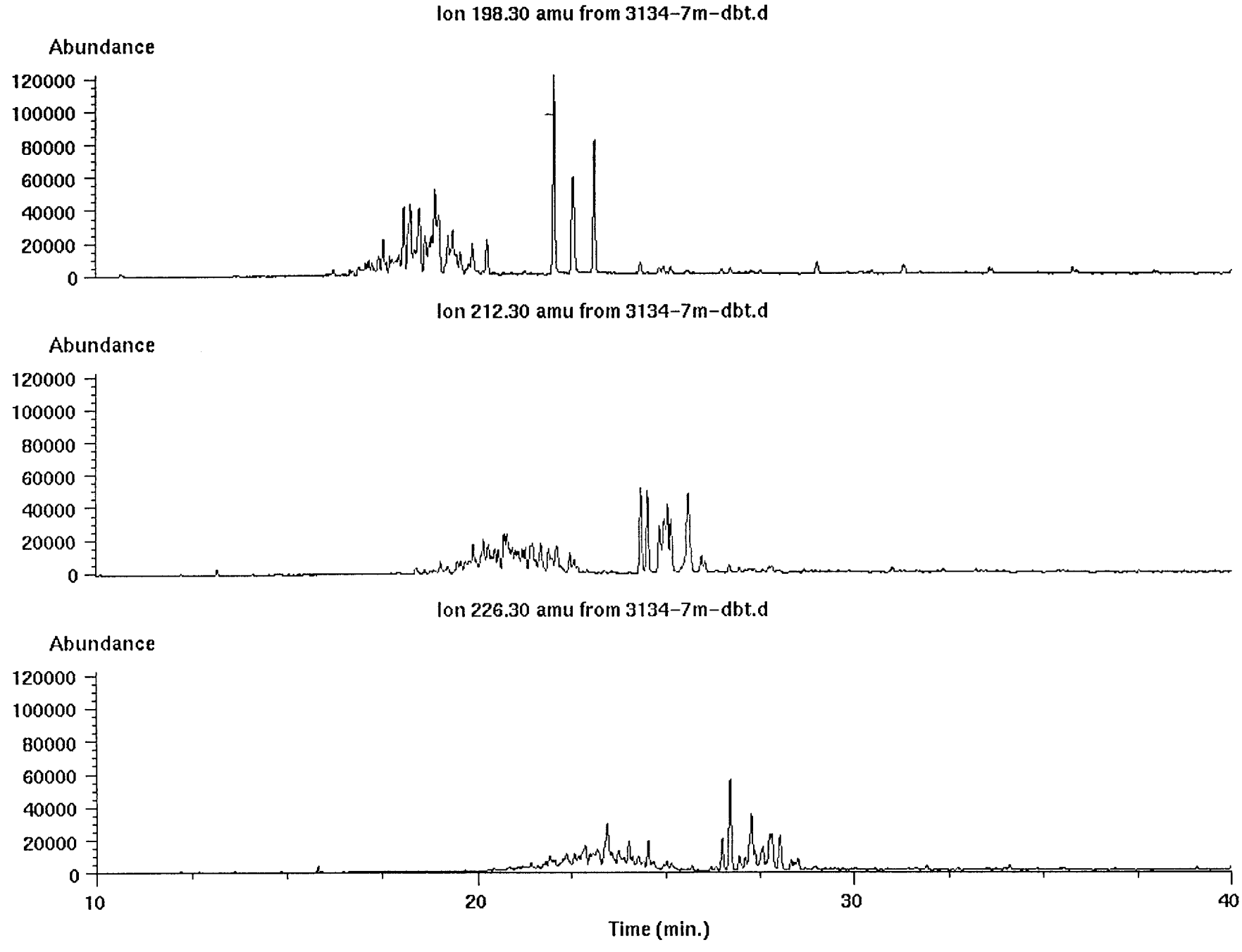

Ion 184.20 amu from 3134-7m-dbt.d
Abundance
700000
600000
500000
400000
300000
200000
100000
0
18
20
22
24
26
28
30
32
Time (min.)

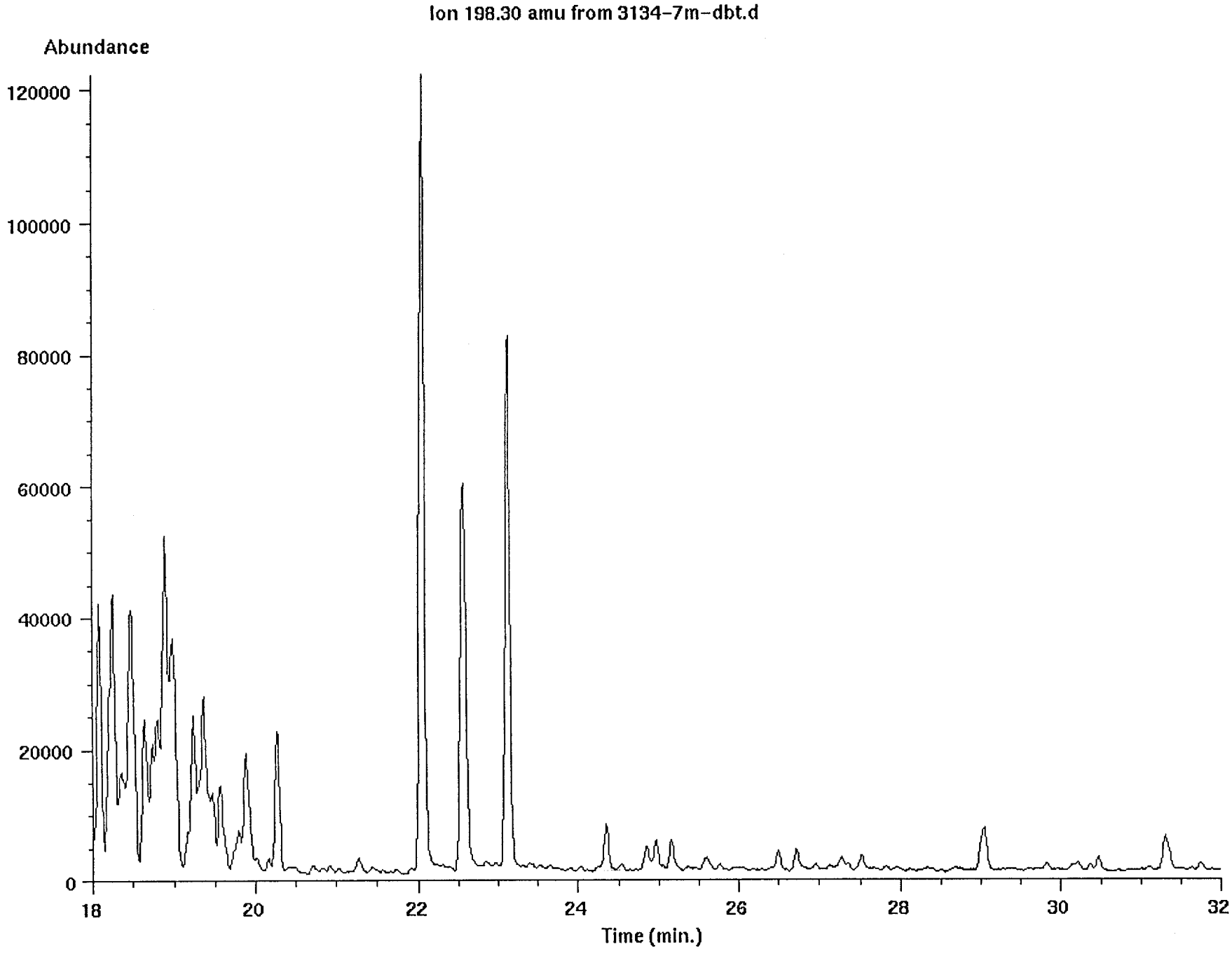

Ion 198.30 amu from 3134-7m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

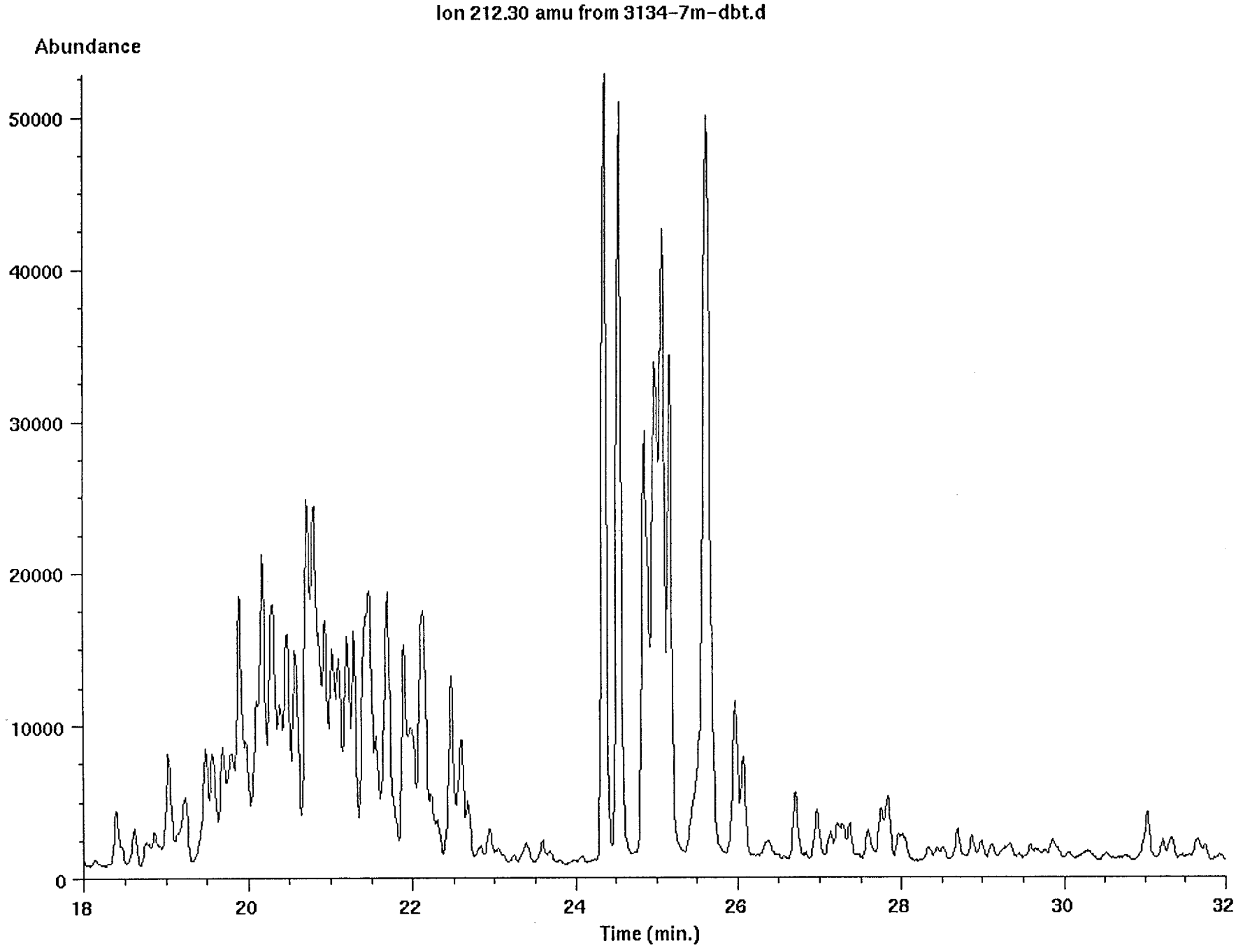

Ion 212.30 amu from 3134-7m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

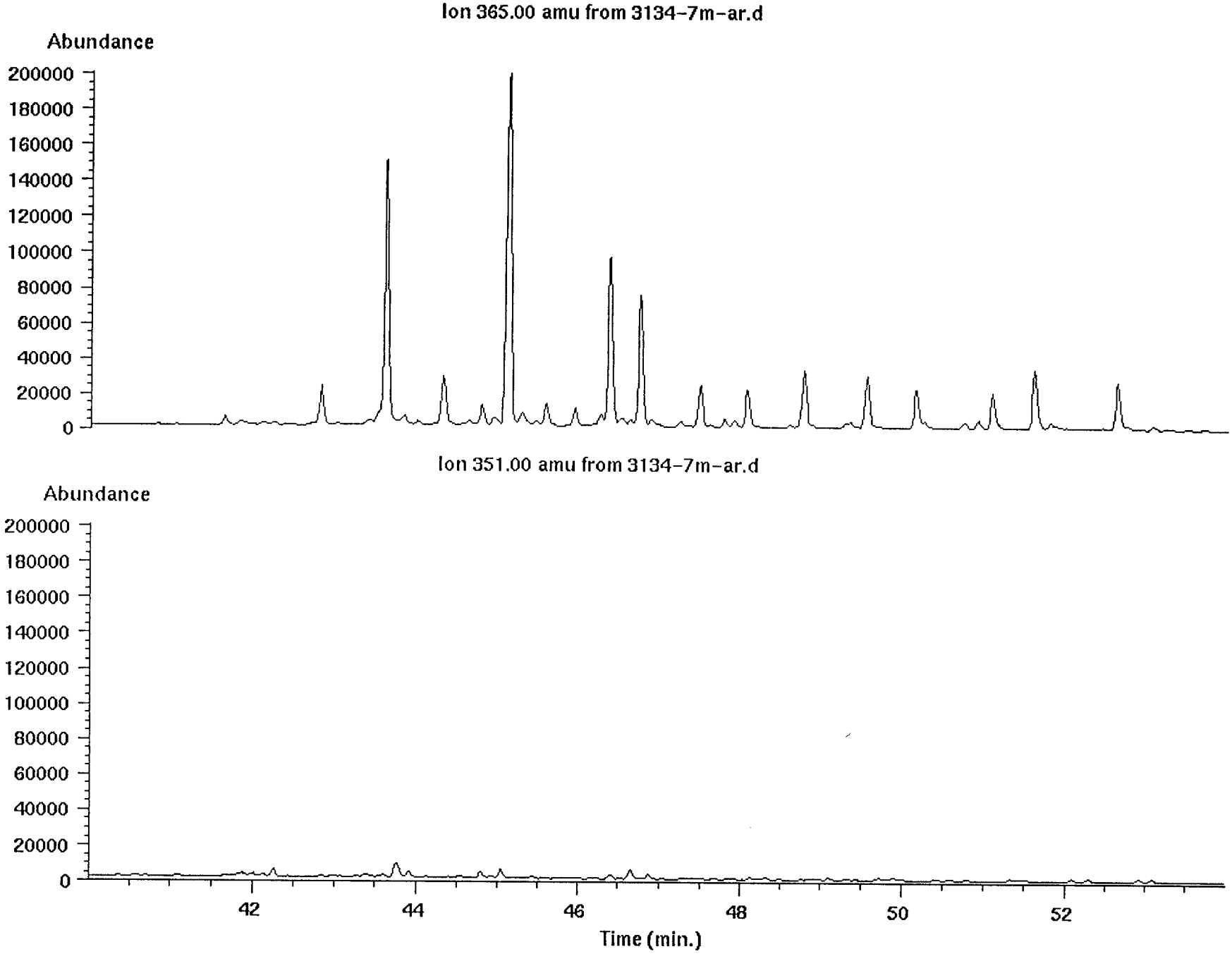

Ion 226.30 amu from 3134-7m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3134-7m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3134-7m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
Ion 212.30 amu from 3134-7m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
Ion 226.30 amu from 3134-7m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3134-7m-dbt.d
Abundance
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3134-7m-dbt.d
Abundance
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)

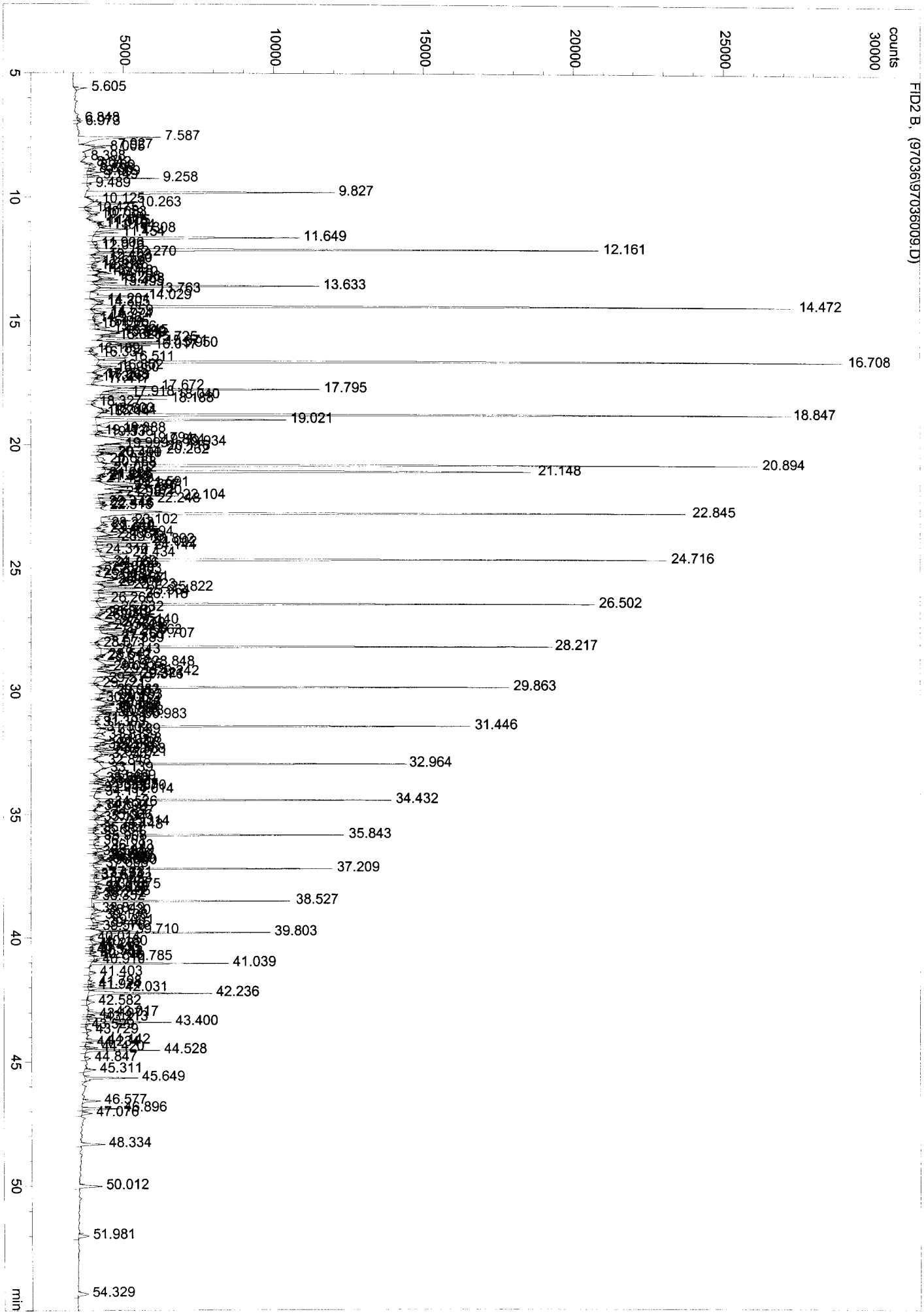

Ion 365.00 amu from 3134-7m-ar.d
Abundance
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Ion 351.00 amu from 3134-7m-ar.d
Abundance
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
42
44
46
48
50
52
Time (min.)

97036-10, WESSEL-1, CORE 7, 3135.5 M, AMERADA HESS, GRO
VKNUST, ALI: 7.6 MG, KØRT d. 16. DECEMBER 1997.

==========

Injection Date	: 16-12-97 17:00:06	Seq. Line :	3
Sample Name	: 3135.5 M	Vial :	3
Acq. Operator	: DD	Inj :	1
		Inj Volume :	1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:37:41 by per (modified after loading)		

Metode baseret på Norsk Industristandard


counts
5000
10000
15000
20000
25000
30000
FID2 B, (97036\97036009.D)
min
5.605
7.587
9.258
9.827
10.263
11.649
12.161
13.633
14.472
16.708
17.795
18.847
19.021
20.894
21.148
22.845
24.716
26.502
28.217
29.863
31.446
32.964
34.432
35.843
37.209
38.527
39.803
41.039
42.236
43.400
44.528
45.649
46.577
48.334
50.012
51.981
54.329

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	5.605	PBA	0.0622	2040.60461	439.55969	0.13621
2	6.848	PBA	0.0989	1064.52783	135.17209	0.07106
3	6.973	BBA	0.0964	1014.56268	136.95976	0.06772
4	7.587	PB	0.0735	1.53368e4	2772.88647	1.02376
5	7.927	VB	0.0375	2043.89526	868.21161	0.13643
6	8.005	VB	0.0526	1516.90857	397.09940	0.10126
7	8.398	BBA	0.1171	1264.30200	133.96584	0.08439
8	8.642	PB	0.0376	536.43585	226.95161	0.03581
9	8.789	VB	0.0580	1005.41797	239.33714	0.06711
10	8.896	VB	0.0481	732.87207	237.07938	0.04892
11	9.009	VB	0.0535	1856.78845	486.35492	0.12394
12	9.149	VB	0.0399	1065.53442	401.71585	0.07113
13	9.258	VB	0.0630	1.08587e4	2389.77441	0.72484
14	9.489	VBA	0.0995	1287.07922	164.19214	0.08591
15	9.827	PB	0.0630	3.68596e4	8272.38184	2.46045
16	10.125	VB	0.0558	947.85541	236.33546	0.06327
17	10.263	VB	0.0649	6779.27783	1440.20056	0.45253
18	10.475	VB	0.0522	903.05927	255.87970	0.06028
19	10.653	VB	0.0610	1497.04077	342.66629	0.09993
20	10.738	VBA	0.1000	1675.90234	217.26744	0.11187
21	11.005	PB	0.0333	581.63239	303.73068	0.03883
22	11.070	VB	0.0287	190.82768	112.73689	0.01274
23	11.119	VB	0.0216	177.84329	117.76473	0.01187
24	11.184	VB	0.0353	809.26428	345.75449	0.05402
25	11.308	VB	0.0588	4208.07178	1006.90021	0.28090
26	11.454	VBA	0.0552	3013.63696	777.07190	0.20117
27	11.649	BB	0.0605	2.92710e4	6892.69580	1.95390
28	11.906	VB	0.0804	763.85364	119.75080	0.05099

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	12.016	VB	0.0521	407.26154	98.82962	0.02719
30	12.161	VB	0.0521	5.74772e4	1.67176e4	3.83671
31	12.270	VB	0.0399	2837.53857	1071.99719	0.18941
32	12.403	VB	0.0605	1815.21082	427.56085	0.12117
33	12.530	VB	0.0638	1698.43701	355.12991	0.11337
34	12.659	VBA	0.1136	1215.69995	132.98863	0.08115
35	12.816	BBA	0.0854	1269.33484	191.23769	0.08473
36	12.939	BB	0.0480	1029.43945	300.33334	0.06872
37	13.048	VB	0.0325	463.16858	229.50664	0.03092
38	13.110	VB	0.0434	1148.68823	413.43597	0.07668
39	13.296	VB	0.0572	1777.36450	430.08713	0.11864
40	13.368	VB	0.0456	1675.25671	600.09235	0.11183
41	13.495	VB	0.0527	2652.71899	799.76855	0.17707
42	13.633	VB	0.0517	2.37842e4	7355.14795	1.58764
43	13.763	VB	0.0499	6332.56543	1901.01978	0.42271
44	14.029	VB	0.0609	7839.89453	1834.36279	0.52333
45	14.201	VB	0.0491	892.19684	280.30618	0.05956
46	14.305	VB	0.0393	509.99619	178.69284	0.03404
47	14.472	VB	0.0439	7.39435e4	2.34064e4	4.93587
48	14.659	VB	0.0606	1918.69592	434.21219	0.12808
49	14.774	VB	0.0541	1492.14355	385.96960	0.09960
50	14.936	VB	0.0333	234.87314	90.49394	0.01568
51	15.095	VB	0.0471	857.58270	262.75214	0.05725
52	15.158	VB	0.0217	101.25720	66.62951	0.00676
53	15.296	VB	0.0552	1908.68372	504.33618	0.12741
54	15.445	VB	0.0470	1286.76123	366.33575	0.08589
55	15.499	VB	0.0203	127.58680	97.59009	0.00852
56	15.539	VB	0.0285	509.72540	276.19025	0.03403
57	15.625	VB	0.0372	1041.30859	463.92935	0.06951
58	15.725	VB	0.0586	6412.34668	1677.13428	0.42804
59	15.871	VB	0.0401	4012.43945	1668.47998	0.26784
60	15.950	VB	0.0357	3970.25317	1804.31702	0.26502
61	16.017	VBA	0.0370	3450.94116	1436.47034	0.23036
62	16.189	BB	0.0365	314.54956	120.36793	0.02100
63	16.334	VB	0.0532	866.19995	228.74867	0.05782
64	16.511	VB	0.0730	5188.70703	1043.69055	0.34636
65	16.708	VB	0.0473	8.38853e4	2.48803e4	5.59950
66	16.852	VB	0.0338	1226.39917	576.40051	0.08186
67	16.950	VB	0.0655	2067.77393	434.51031	0.13803
68	17.203	VB	0.0477	428.52655	125.79978	0.02860
69	17.263	VB	0.0315	387.49268	192.19582	0.02587
70	17.328	VB	0.0281	177.85036	98.20599	0.01187
71	17.417	VB	0.0670	1596.09790	310.16479	0.10654
72	17.672	VB	0.0515	5390.06396	1591.14941	0.35980
73	17.795	VB	0.0481	2.18750e4	6880.25732	1.46020
74	17.918	VB	0.0463	2735.63452	833.84705	0.18261
75	18.040	VB	0.0482	7950.37549	2428.12939	0.53070
76	18.188	VB	0.0401	6302.59619	2364.09399	0.42071
77	18.327	VB	0.0447	392.81247	128.24275	0.02622

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	18.603	VB	0.0578	796.98291	169.62373	0.05320
79	18.664	VB	0.0303	427.42081	223.23361	0.02853
80	18.714	VB	0.0169	44.66129	43.90070	0.00298
81	18.847	VB	0.0512	7.93938e4	2.30436e4	5.29969
82	19.021	VB	0.0645	2.63910e4	6344.90283	1.76165
83	19.388	VB	0.0849	4543.24316	726.66638	0.30327
84	19.477	VB	0.0192	127.99734	92.22577	0.00854
85	19.536	VB	0.0377	769.38245	323.80447	0.05136
86	19.794	VB	0.0503	3095.27051	815.15692	0.20662
87	19.854	VB	0.0309	1874.90576	999.88470	0.12515
88	19.934	VB	0.0388	5257.58887	1990.71216	0.35095
89	19.999	VB	0.0271	867.64026	530.81366	0.05792
90	20.116	VB	0.0409	5860.33887	2144.84082	0.39119
91	20.262	VB	0.0375	5022.65771	2132.54614	0.33527
92	20.344	VB	0.0314	750.06726	409.25800	0.05007
93	20.400	VB	0.0329	901.41785	458.41760	0.06017
94	20.630	VB	0.0937	2097.16699	266.83917	0.13999
95	20.768	VB	0.0237	239.30740	157.87924	0.01597
96	20.894	VB	0.0455	7.19285e4	2.18073e4	4.80136
97	21.002	VB	0.0323	362.85385	174.39922	0.02422
98	21.148	VB	0.0527	5.74464e4	1.43371e4	3.83466
99	21.223	VB	0.0323	250.49370	137.51663	0.01672
100	21.296	VB	0.0296	416.88254	225.18733	0.02783
101	21.345	VB	0.0313	325.32947	170.24431	0.02172
102	21.432	VB	0.0438	685.69659	211.73161	0.04577
103	21.591	VB	0.0637	5963.36475	1271.80017	0.39807
104	21.697	VB	0.0317	856.02161	439.51382	0.05714
105	21.737	VB	0.0251	348.14359	237.13008	0.02324
106	21.872	VB	0.0316	773.98804	400.28406	0.05167
107	21.920	VB	0.0380	1112.53748	481.08282	0.07426
108	21.987	VB	0.0269	639.84943	394.39197	0.04271
109	22.104	VB	0.0408	7359.82129	2696.51685	0.49128
110	22.248	VB	0.0385	4727.12305	1808.00879	0.31554
111	22.372	VB	0.0280	376.51514	183.12878	0.02513
112	22.446	VB	0.0296	399.51794	189.39119	0.02667
113	22.513	VB	0.0440	365.69583	103.94959	0.02441
114	22.845	VB	0.0414	5.48664e4	1.85810e4	3.66243
115	23.102	VB	0.0678	4945.68164	998.01251	0.33013
116	23.243	VB	0.0409	555.12079	185.51964	0.03706
117	23.340	VB	0.0519	1177.35193	299.17526	0.07859
118	23.464	VB	0.0456	934.41144	289.90192	0.06237
119	23.594	VB	0.0512	2649.60498	731.87469	0.17687
120	23.687	VB	0.0312	357.47739	179.97594	0.02386
121	23.779	VB	0.0416	1749.01123	666.30750	0.11675
122	23.892	VB	0.0509	5863.64258	1715.41284	0.39141
123	24.002	VB	0.0428	5064.26074	1803.43396	0.33805
124	24.144	VB	0.0403	5007.73486	1755.96680	0.33428
125	24.310	VB	0.0366	311.23218	111.29935	0.02078
126	24.434	VB	0.0566	3706.05273	968.64111	0.24739

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	24.716	VB	0.0453	6.16270e4	1.87584e4	4.11372
128	24.789	VB	0.0266	205.19493	121.93452	0.01370
129	24.856	VB	0.0446	924.16815	272.28238	0.06169
130	25.010	VB	0.0395	602.34247	246.15877	0.04021
131	25.083	VB	0.0424	1384.18250	484.00781	0.09240
132	25.176	VB	0.0580	608.98486	131.48219	0.04065
133	25.308	VB	0.0232	155.92525	85.74376	0.01041
134	25.411	VB	0.0434	1197.89685	418.59683	0.07996
135	25.467	VB	0.0246	189.25467	132.71805	0.01263
136	25.510	VB	0.0295	278.16650	158.58893	0.01857
137	25.609	VB	0.0368	1437.06860	561.71362	0.09593
138	25.723	VB	0.0442	2477.18237	898.67920	0.16536
139	25.822	VB	0.0411	5799.38379	2106.34766	0.38712
140	25.964	VB	0.0351	3374.65479	1506.29382	0.22526
141	26.118	VB	0.0590	6391.62744	1407.28992	0.42665
142	26.268	VB	0.0548	1295.30261	303.19427	0.08646
143	26.502	VB	0.0439	5.24569e4	1.65633e4	3.50160
144	26.632	VB	0.0434	1504.20105	558.86981	0.10041
145	26.782	VB	0.0387	743.73083	282.37167	0.04965
146	26.849	VB	0.0352	399.08823	177.95642	0.02664
147	26.940	VB	0.0405	448.50626	147.43552	0.02994
148	27.140	VB	0.0662	4854.02686	924.61066	0.32402
149	27.223	VB	0.0239	245.95535	160.75362	0.01642
150	27.270	VB	0.0321	571.96478	301.27518	0.03818
151	27.352	VB	0.0341	850.75586	309.47565	0.05679
152	27.468	VB	0.0356	1687.63354	739.10699	0.11265
153	27.563	VB	0.0553	4679.44629	1154.44482	0.31236
154	27.707	VB	0.0368	2750.11694	1241.42590	0.18358
155	27.761	VB	0.0323	297.28052	126.88567	0.01984
156	27.889	VB	0.0572	2489.86377	546.47943	0.16620
157	28.071	VB	0.0362	390.95493	145.98163	0.02610
158	28.217	VB	0.0451	4.65288e4	1.50574e4	3.10588
159	28.343	VB	0.1028	3443.58667	423.94812	0.22987
160	28.542	VB	0.0256	306.48300	157.92157	0.02046
161	28.619	VB	0.0355	551.55438	211.11789	0.03682
162	28.848	VB	0.0695	8213.28223	1508.29883	0.54825
163	28.955	VB	0.0319	665.43677	339.55859	0.04442
164	29.032	VB	0.0322	522.70319	274.87262	0.03489
165	29.149	VB	0.0372	1739.99194	719.19330	0.11615
166	29.242	VB	0.0355	3645.75317	1546.70532	0.24336
167	29.321	VB	0.0343	1353.57935	651.17371	0.09035
168	29.376	VB	0.0270	1295.58020	756.26160	0.08648
169	29.519	VB	0.1069	2725.88330	309.10745	0.18196
170	29.721	VB	0.0320	365.44821	147.07469	0.02439
171	29.863	VB	0.0398	3.97497e4	1.37024e4	2.65337
172	29.983	VB	0.0348	666.39600	313.87457	0.04448
173	30.057	VB	0.0345	794.18079	324.70837	0.05301
174	30.183	VB	0.0719	2890.03369	544.82928	0.19292
175	30.306	VB	0.0277	267.10397	137.19833	0.01783

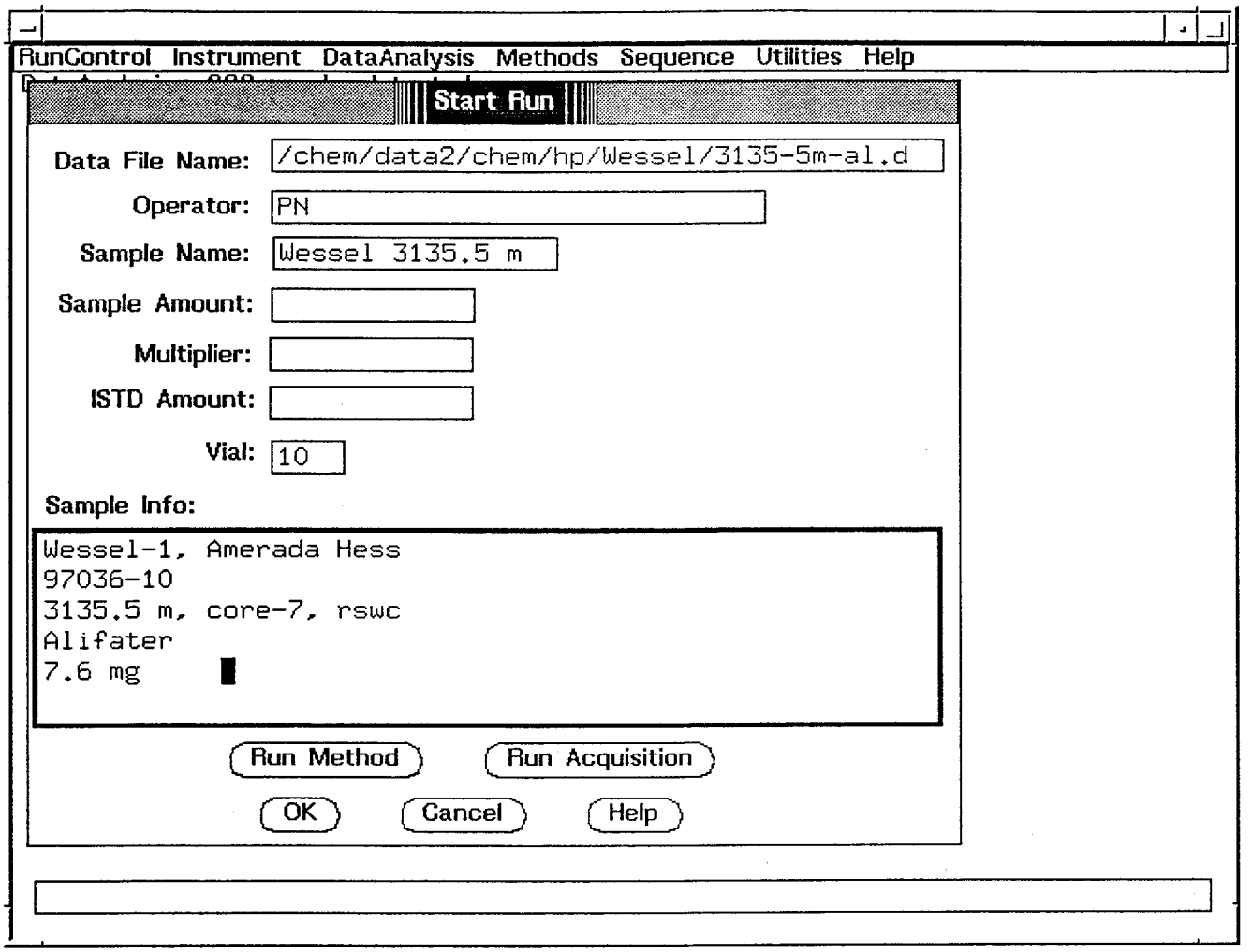
Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	30.421	VB	0.0525	1531.37500	420.34885	0.10222
177	30.516	VB	0.0212	236.90436	160.34123	0.01581
178	30.567	VB	0.0307	518.74774	278.36661	0.03463
179	30.649	VB	0.0318	861.06915	440.26190	0.05748
180	30.760	VB	0.0381	1217.45422	471.15683	0.08127
181	30.843	VB	0.0324	1043.90564	521.15540	0.06968
182	30.903	VB	0.0336	718.99017	370.97885	0.04799
183	30.983	VB	0.0346	3124.84424	1368.03735	0.20859
184	31.133	VB	0.0611	681.74316	144.42870	0.04551
185	31.303	VB	0.0551	521.69043	126.56215	0.03482
186	31.446	VB	0.0443	3.64005e4	1.23795e4	2.42980
187	31.502	VB	0.0121	50.01989	57.92388	0.00334
188	31.589	VB	0.0633	2329.59424	466.20343	0.15550
189	31.812	VB	0.0711	1796.17859	316.80267	0.11990
190	31.968	VB	0.0438	967.58136	354.53552	0.06459
191	32.027	VB	0.0282	264.29486	138.67542	0.01764
192	32.128	VB	0.0318	877.35205	430.18893	0.05856
193	32.201	VB	0.0281	399.37790	201.49049	0.02666
194	32.311	VB	0.0355	1189.30396	470.11301	0.07939
195	32.388	VB	0.0355	1666.23889	734.65369	0.11122
196	32.521	VB	0.0466	2021.27795	644.40302	0.13492
197	32.587	VB	0.0540	850.86743	220.35338	0.05680
198	32.848	VB	0.0331	473.79190	229.71906	0.03163
199	32.964	VB	0.0445	3.18098e4	1.01575e4	2.12337
200	33.139	VBA	0.0889	905.62158	124.50353	0.06045
201	33.469	PB	0.0500	1537.83740	407.86044	0.10265
202	33.563	VB	0.0197	133.00575	98.80467	0.00888
203	33.621	VB	0.0311	644.77252	311.61996	0.04304
204	33.697	VB	0.0375	767.82068	314.21289	0.05125
205	33.805	VB	0.0376	736.27893	311.34875	0.04915
206	33.870	VB	0.0304	1284.46045	546.13318	0.08574
207	33.948	VB	0.0201	128.35808	93.11719	0.00857
208	34.014	VB	0.0381	2374.08960	1020.88159	0.15847
209	34.112	VBA	0.0766	1245.44922	197.42442	0.08314
210	34.432	PB	0.0408	2.82953e4	9755.64941	1.88876
211	34.526	VB	0.0525	1262.34595	382.73041	0.08426
212	34.634	VB	0.0278	310.63147	173.94389	0.02074
213	34.692	VB	0.0410	254.93958	87.57447	0.01702
214	34.897	VB	0.0689	2254.94287	439.29453	0.15052
215	35.066	VB	0.0293	512.61792	268.04437	0.03422
216	35.134	VB	0.0282	255.13852	122.98090	0.01703
217	35.314	VB	0.0638	4290.47852	880.75635	0.28640
218	35.448	VB	0.0420	2000.98560	648.14001	0.13357
219	35.587	VB	0.0287	410.87427	193.83023	0.02743
220	35.664	VBA	0.1350	1054.54248	94.64507	0.07039
221	35.843	BB	0.0422	2.34545e4	8248.21289	1.56563
222	35.908	VB	0.0604	322.86374	64.51023	0.02155
223	36.101	VBA	0.1058	1681.51697	190.91580	0.11224
224	36.293	BB	0.0603	1718.34302	398.37781	0.11470

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	36.459	VB	0.0565	1380.79810	339.43427	0.09217
226	36.524	VB	0.0269	142.29221	87.84999	0.00950
227	36.628	VB	0.0376	730.21588	319.78433	0.04874
228	36.696	VB	0.0249	485.89557	270.96881	0.03243
229	36.760	VB	0.0315	353.67908	161.81273	0.02361
230	36.829	VB	0.0303	528.17889	289.25656	0.03526
231	36.890	VB	0.0336	861.12482	392.19562	0.05748
232	37.008	VBA	0.0723	1504.99292	281.91870	0.10046
233	37.209	PBA	0.0405	2.19254e4	7871.70264	1.46356
234	37.381	PB	0.0420	997.81299	374.91690	0.06661
235	37.453	VB	0.0248	138.37267	81.60661	0.00924
236	37.514	VB	0.0351	258.53125	94.00046	0.01726
237	37.633	VB	0.0623	1890.79785	384.81516	0.12621
238	37.807	VB	0.0253	181.39197	130.15186	0.01211
239	37.875	VB	0.0377	1421.28052	576.85504	0.09487
240	37.972	VB	0.0316	402.14157	190.36421	0.02684
241	38.035	VB	0.0338	391.67841	164.41151	0.02615
242	38.165	VB	0.0351	606.20367	281.22723	0.04047
243	38.242	VB	0.0352	439.52692	175.59381	0.02934
244	38.352	VB	0.0500	745.35944	202.38266	0.04975
245	38.527	VB	0.0447	1.92494e4	6656.95508	1.28494
246	38.849	VB	0.0560	468.94708	105.20298	0.03130
247	38.920	VB	0.0592	1405.40662	320.13239	0.09381
248	39.108	VB	0.0531	1240.94727	328.37650	0.08284
249	39.331	VB	0.0549	1833.36768	499.12833	0.12238
250	39.445	VB	0.0458	1203.64331	361.74402	0.08035
251	39.570	VB	0.0505	838.24695	241.18274	0.05595
252	39.710	VB	0.0381	2488.96265	1072.66235	0.16614
253	39.803	VB	0.0446	1.58164e4	5666.83105	1.05578
254	40.014	VB	0.0362	285.55859	113.94909	0.01906
255	40.180	VB	0.0626	1457.20068	300.23505	0.09727
256	40.282	VB	0.0524	423.36035	98.07077	0.02826
257	40.433	VB	0.0367	334.12729	131.45001	0.02230
258	40.520	VB	0.0265	144.53030	78.31252	0.00965
259	40.582	VB	0.0339	453.73767	204.44321	0.03029
260	40.713	VB	0.0192	127.80638	132.71779	0.00853
261	40.785	VB	0.0438	2871.92187	1052.33813	0.19171
262	40.910	VB	0.0281	322.77982	163.06593	0.02155
263	41.039	VBA	0.0426	1.32626e4	4603.00879	0.88530
264	41.403	BBA	0.0981	1765.97461	236.57948	0.11788
265	41.798	PB	0.0554	958.96014	226.54248	0.06401
266	41.924	VB	0.0340	582.20056	226.60164	0.03886
267	42.031	VB	0.0466	3291.73437	1110.06641	0.21973
268	42.236	VB	0.0488	1.44861e4	4139.34814	0.96697
269	42.582	VBA	0.1026	2213.72681	272.90048	0.14777
270	43.017	BB	0.0429	2398.74146	801.82080	0.16012
271	43.107	VB	0.0380	685.51349	266.30240	0.04576
272	43.213	VB	0.0403	1298.38098	483.41214	0.08667
273	43.400	VB	0.0421	7821.65820	2843.43042	0.52211

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	43.529	VBA	0.1511	989.86053	78.49783	0.06608
275	43.729	PBA	0.1010	1380.78198	171.36172	0.09217
276	44.142	PB	0.0504	1925.98340	570.52472	0.12856
277	44.234	VBA	0.0755	1366.89917	232.66037	0.09124
278	44.420	BB	0.0395	1028.12720	393.19904	0.06863
279	44.528	VBA	0.0452	7646.33496	2460.93555	0.51041
280	44.847	PBA	0.0975	1544.49353	190.71233	0.10310
281	45.311	BBA	0.0804	2315.49976	378.41678	0.15456
282	45.649	BBA	0.0584	6917.09033	1778.87183	0.46173
283	46.577	PBA	0.0681	2944.33398	591.51184	0.19654
284	46.896	BBA	0.0611	5166.76123	1278.53638	0.34489
285	47.076	BBA	0.0846	2177.00049	349.69720	0.14532
286	48.334	BBA	0.0676	3960.23047	815.91461	0.26435
287	50.012	BBA	0.0790	4351.25488	769.17834	0.29045
288	51.981	PBA	0.0936	2603.73950	346.79163	0.17380
289	54.329	BBA	0.1099	3043.81079	348.38324	0.20318
Totals :				1.49809e6	4.53137e5	

Calibration Curves

*** End of Report ***

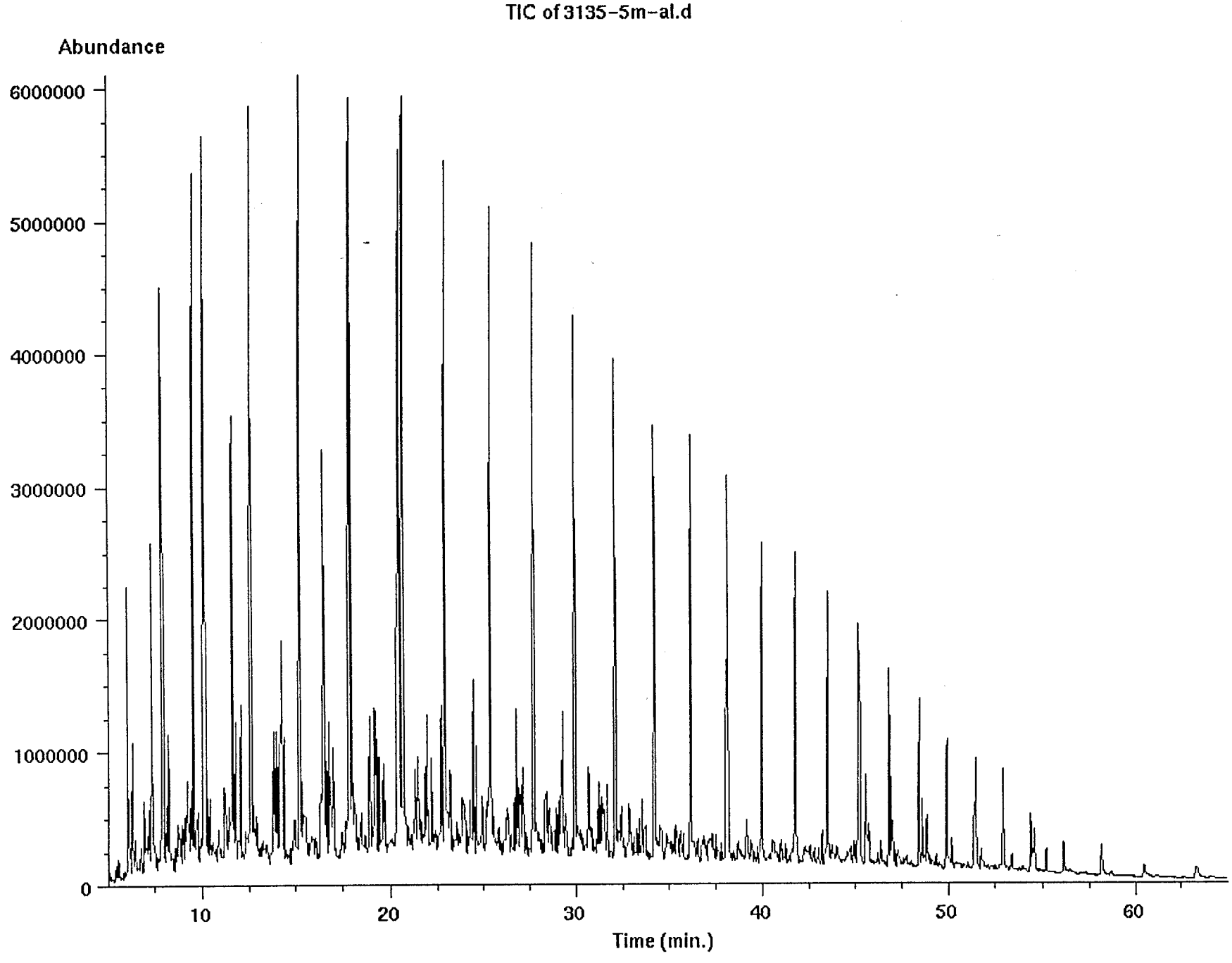

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3135-5m-al.d
Operator: PN
Sample Name: Wessel 3135.5 m
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 10
Sample Info:
Wessel-1, Amerada Hess
97036-10
3135.5 m, core-7, rswc
Alifater
7.6 mg
Run Method
Run Acquisition
OK
Cancel
Help

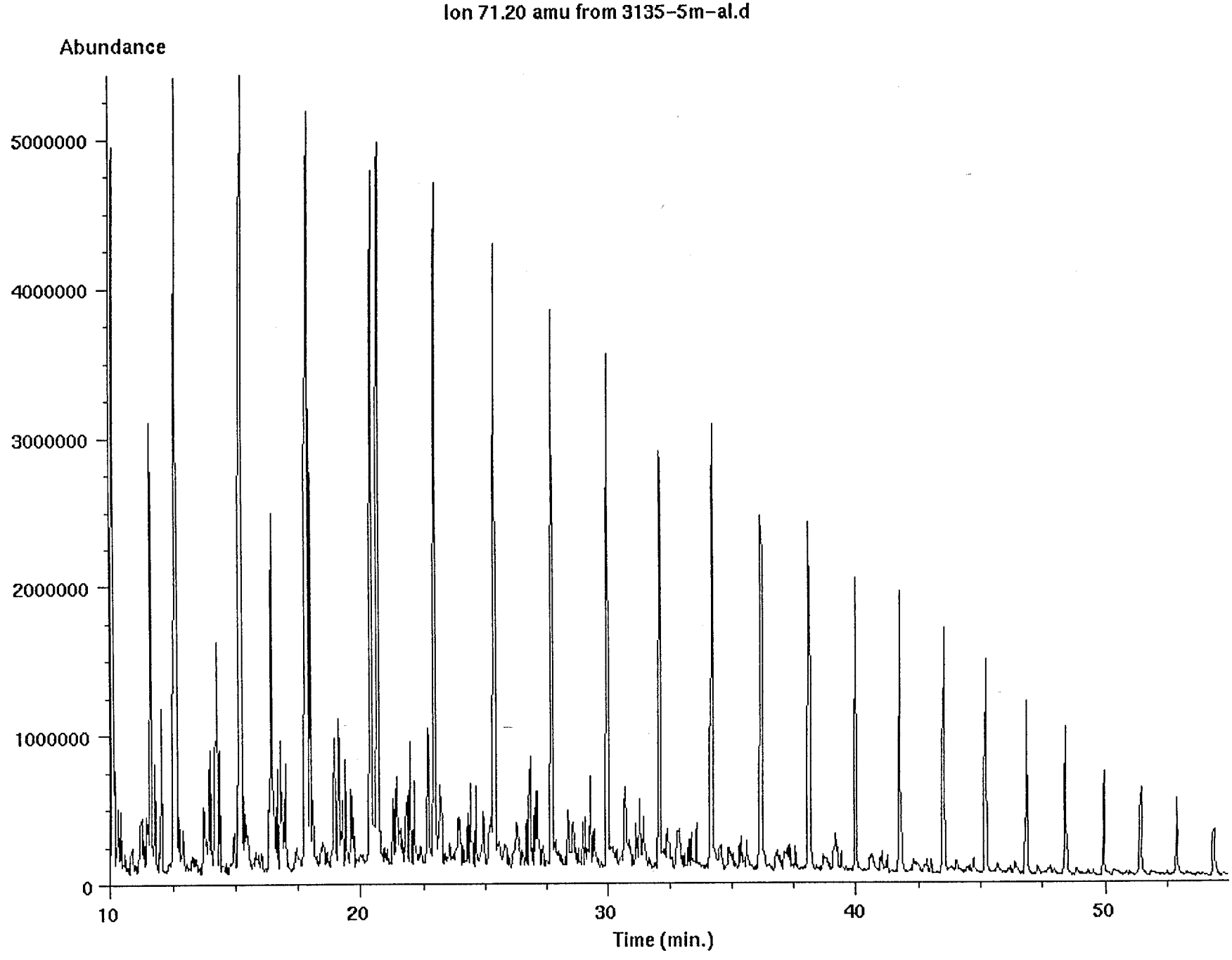
Data file: /chem/data2/chem/hp/Wessel/3135-5m-al.d
File type: GC / MS DATA FILE

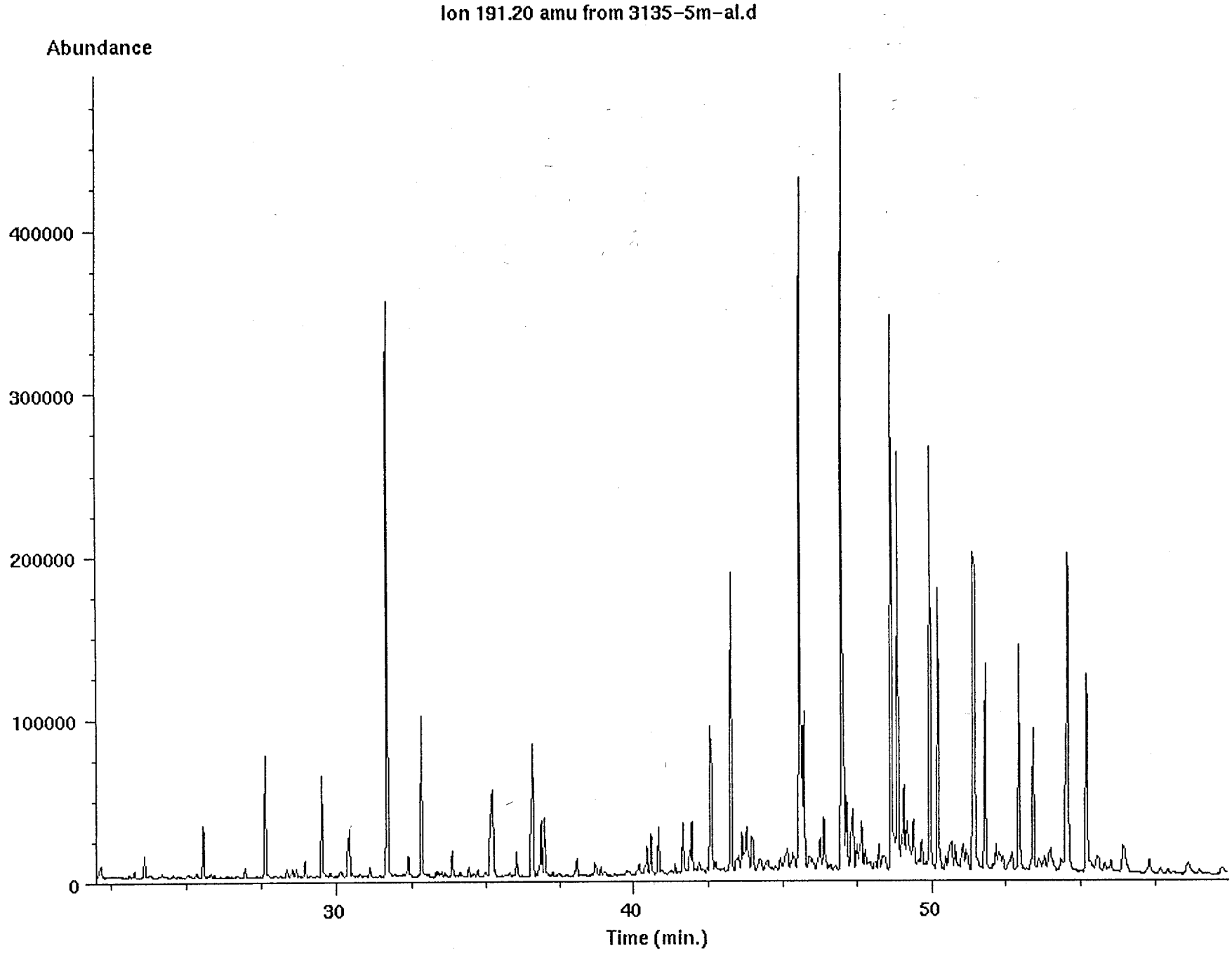
Name Info: Wessel 3135.5 m
Misc Info:
Operator : PN

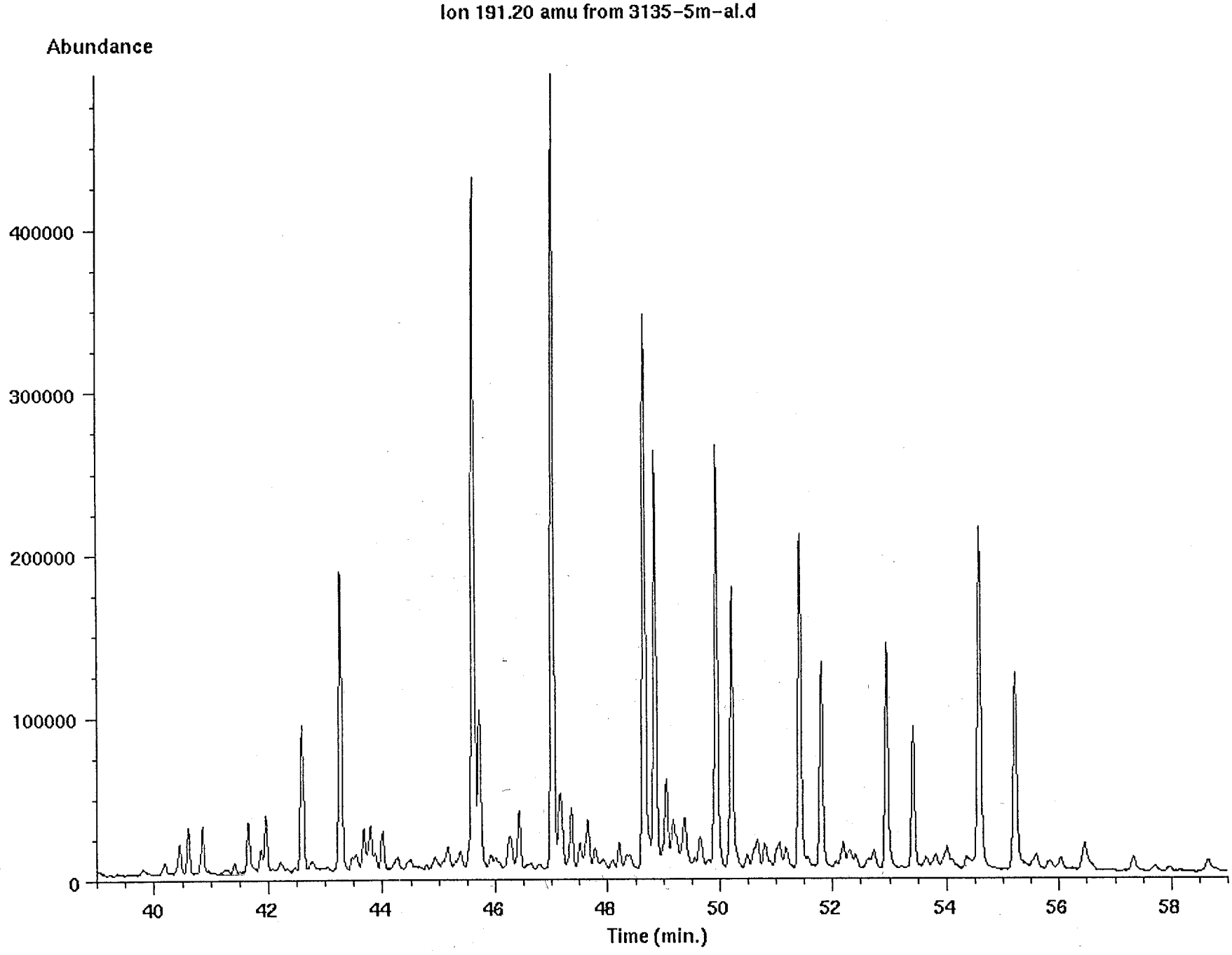
Date : Fri Jan 09 98 09:09:06 PM
Instrment: HP5971
Inlet : GC

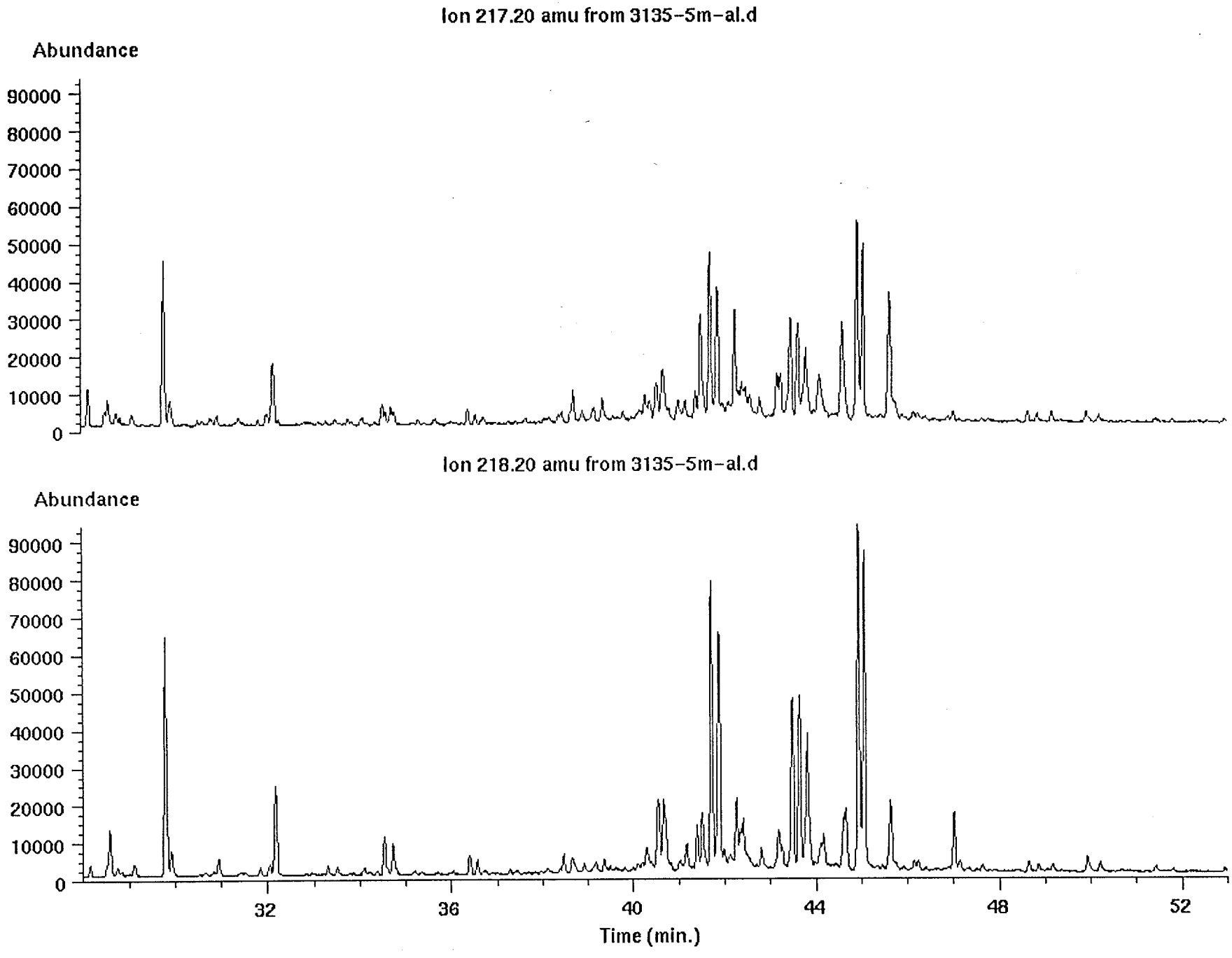
Sequence index : 0
Als bottle num : 10
Replicate num : 1

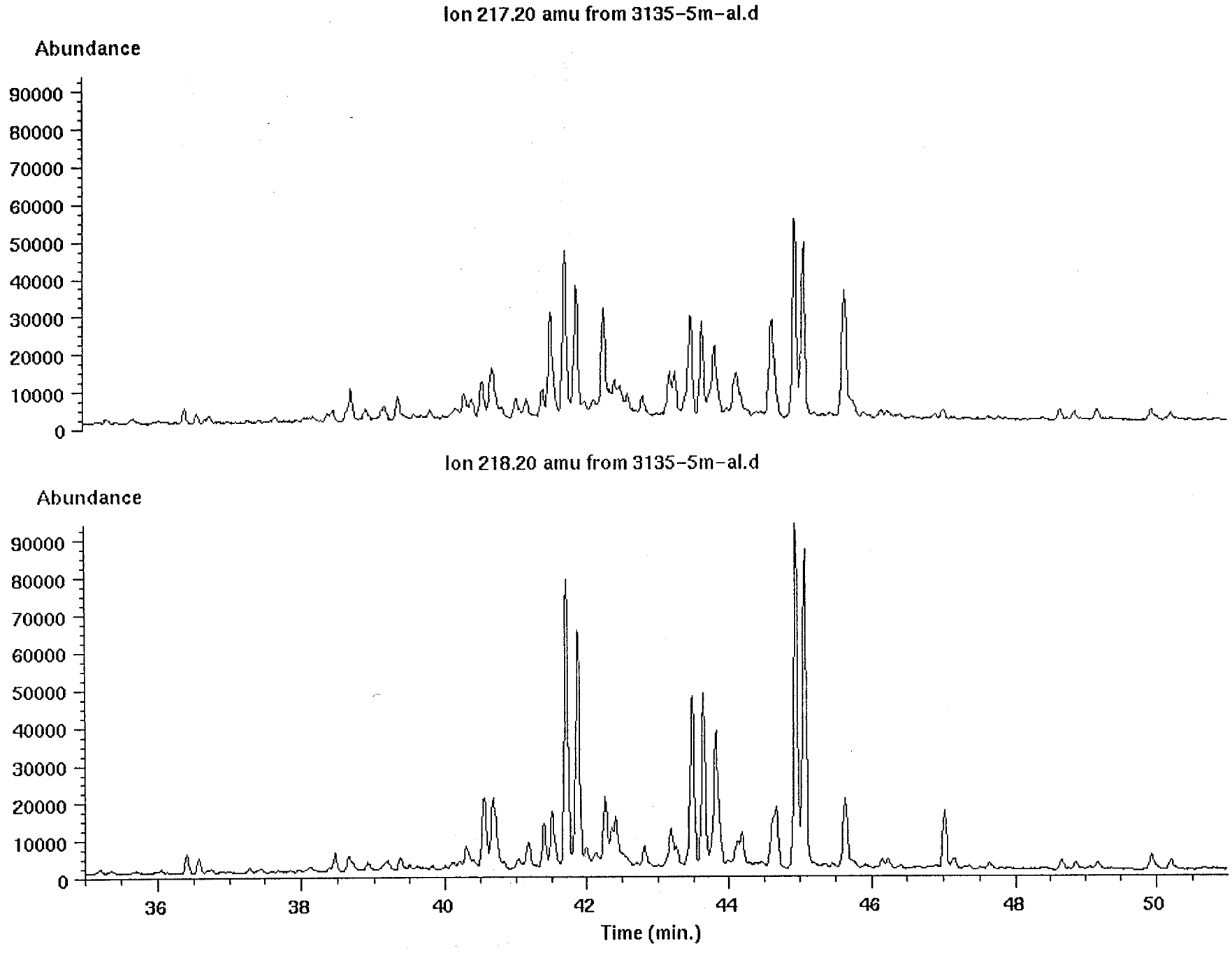

TIC of 3135-5m-al.d
Abundance
6000000
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

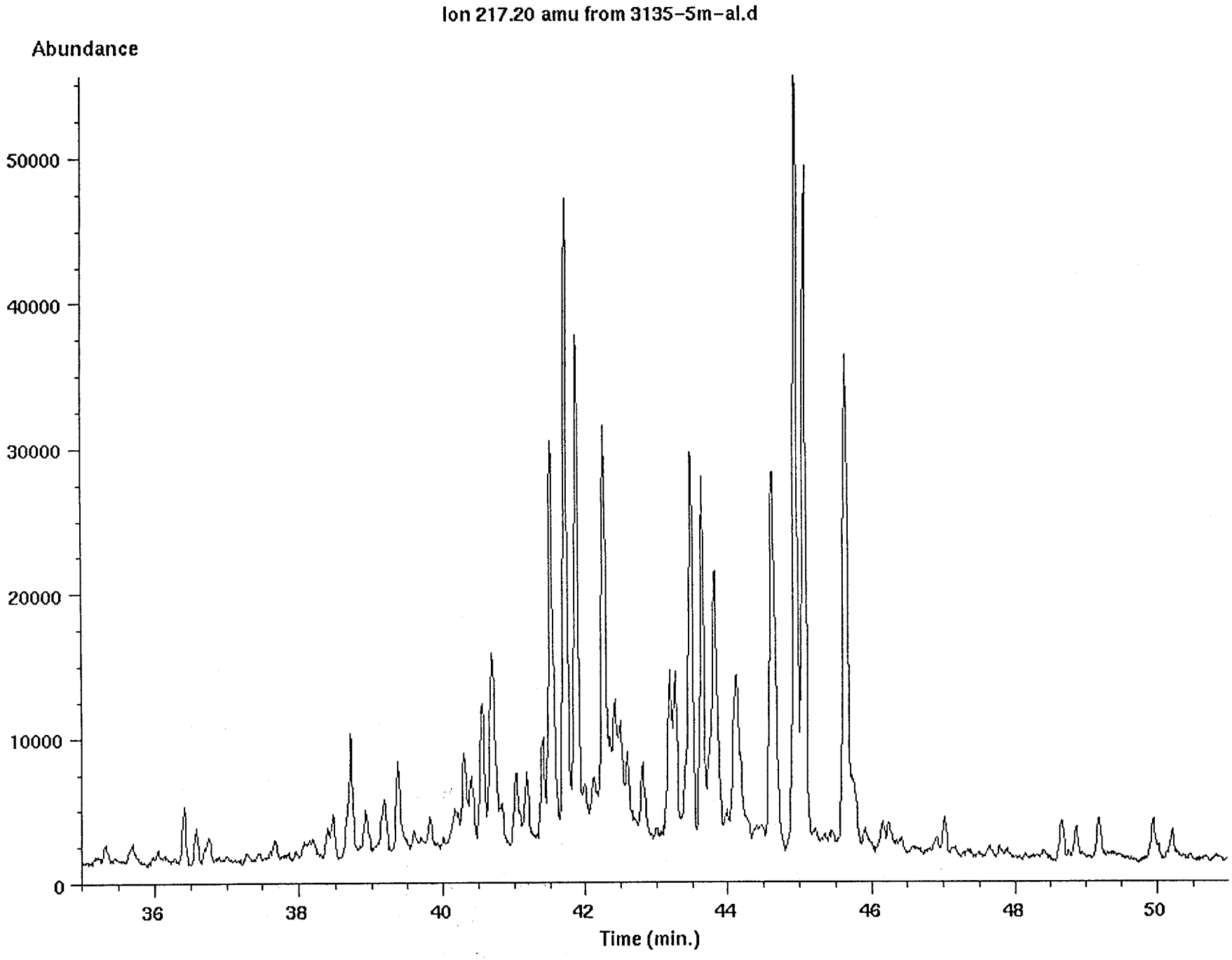

Ion 71.20 amu from 3135-5m-al.d
Abundance
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
Time (min.)

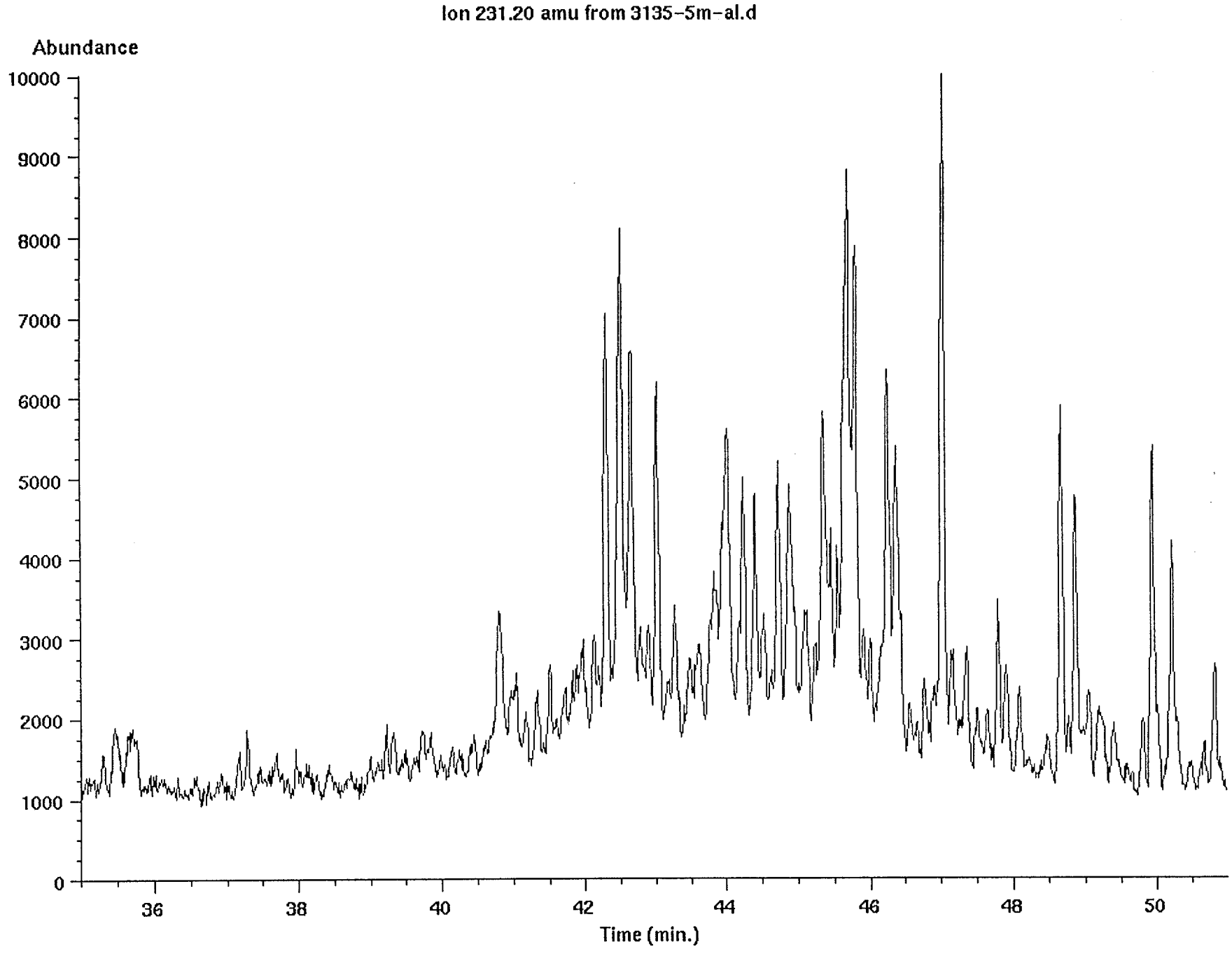

Ion 191.20 amu from 3135-5m-al.d
Abundance
400000
300000
200000
100000
0
30
40
50
Time (min.)

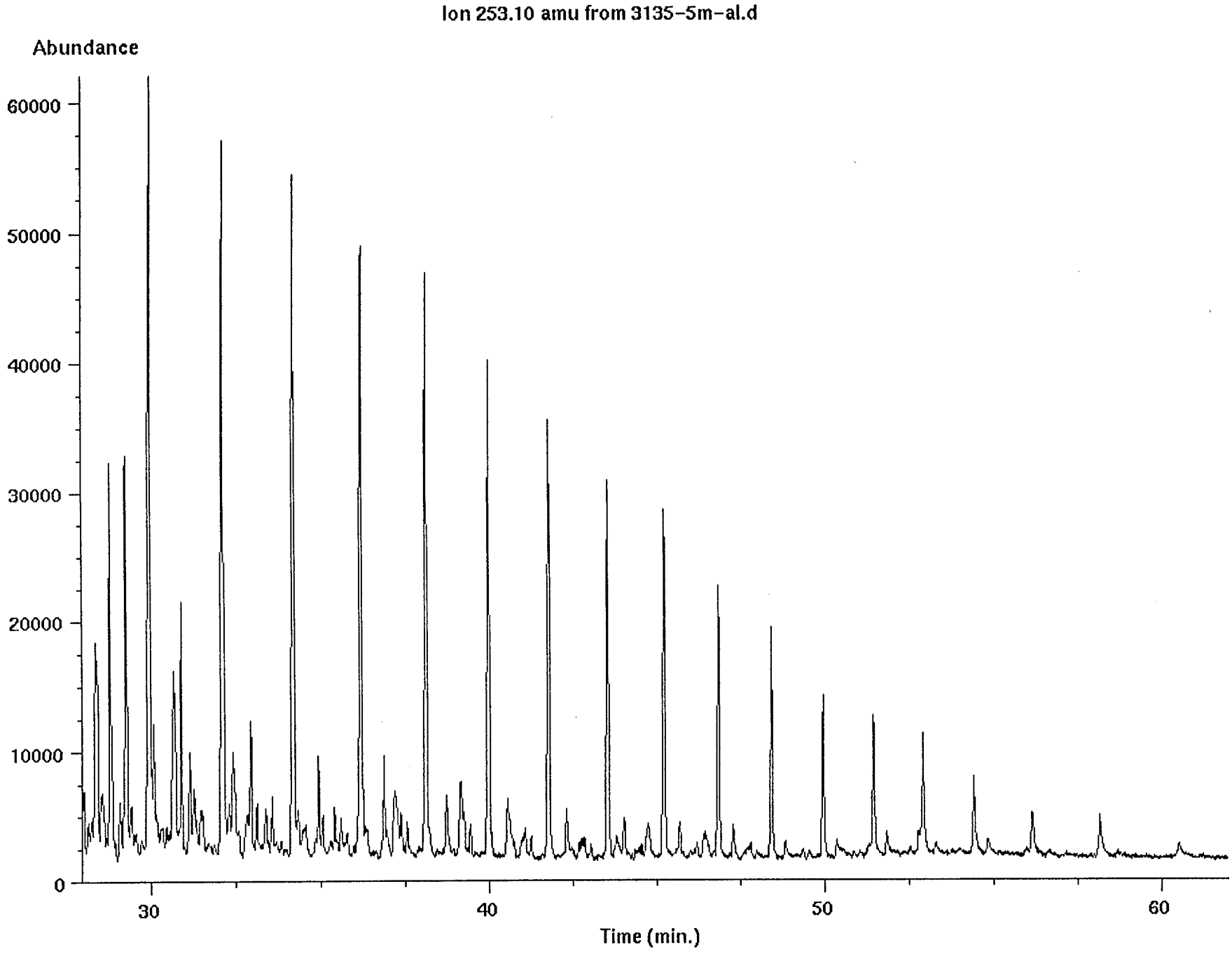

Ion 191.20 amu from 3135-5m-al.d
Abundance
400000
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

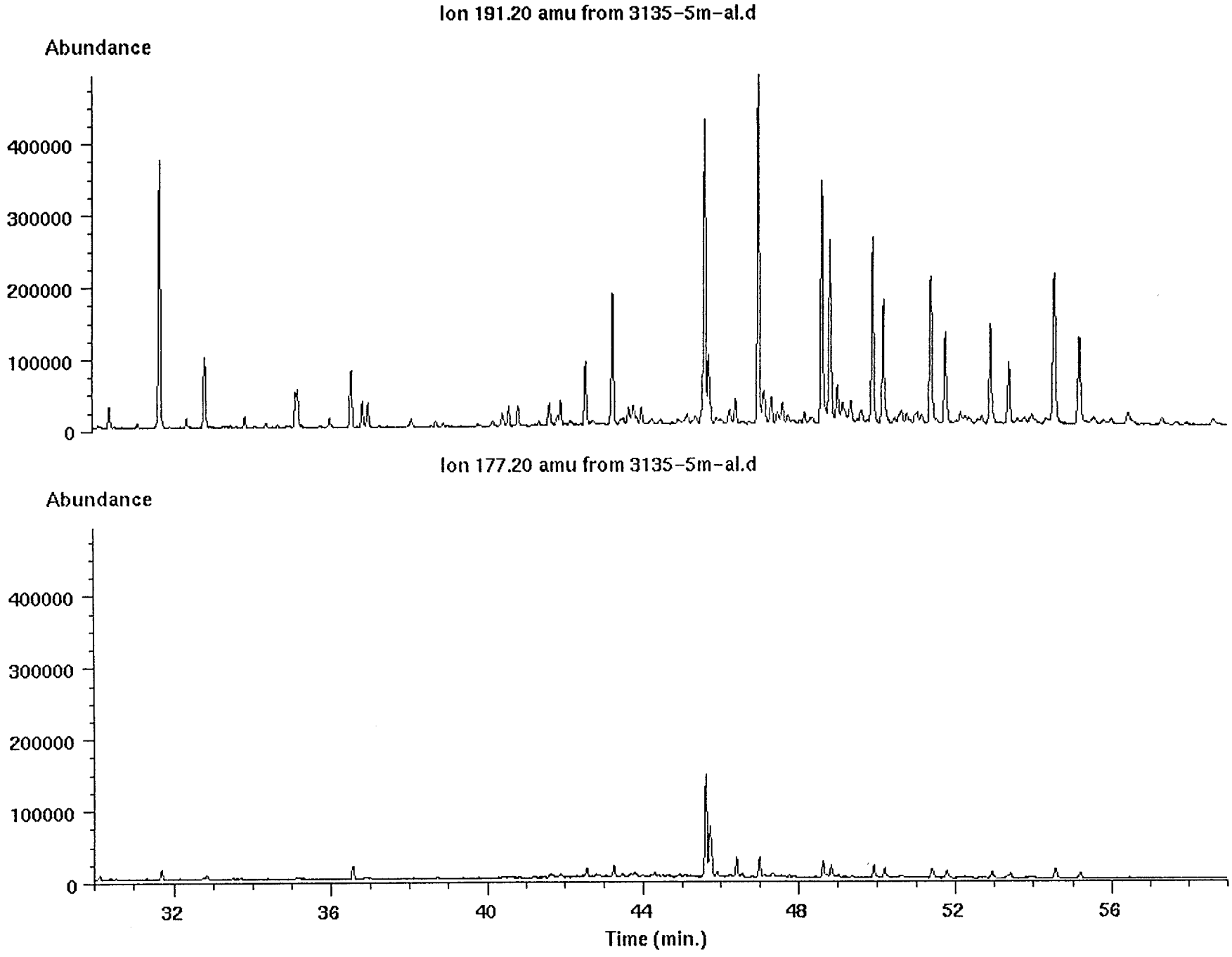

Ion 217.20 amu from 3135-5m-al.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3135-5m-al.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3135-5m-al.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3135-5m-al.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3135-5m-al.d
Abundance
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3135-5m-al.d
Abundance
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3135-5m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
30
40
50
60
Time (min.)


Ion 191.20 amu from 3135-5m-al.d
Abundance
400000
300000
200000
100000
0
Ion 177.20 amu from 3135-5m-al.d
Abundance
400000
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

970 56

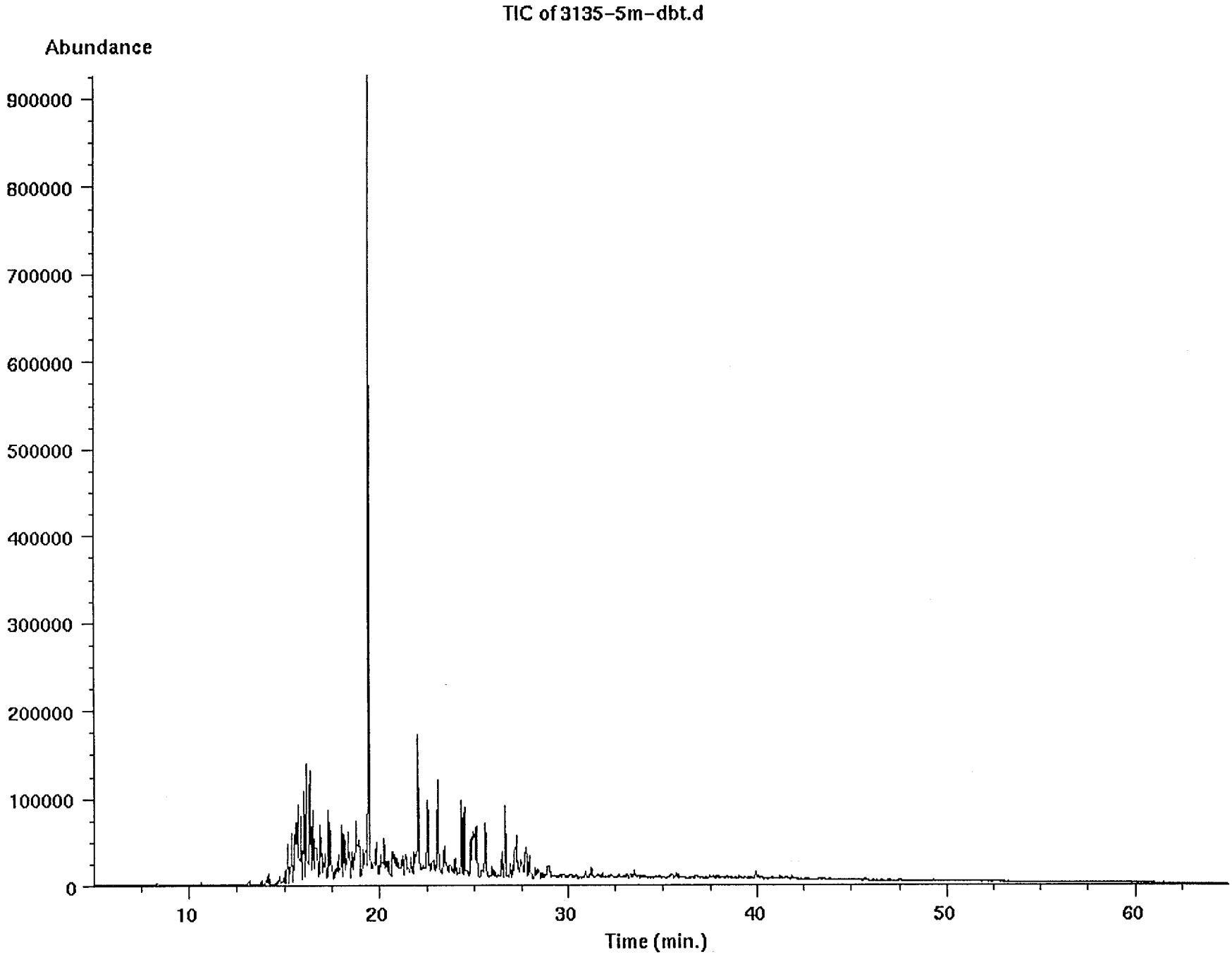
10

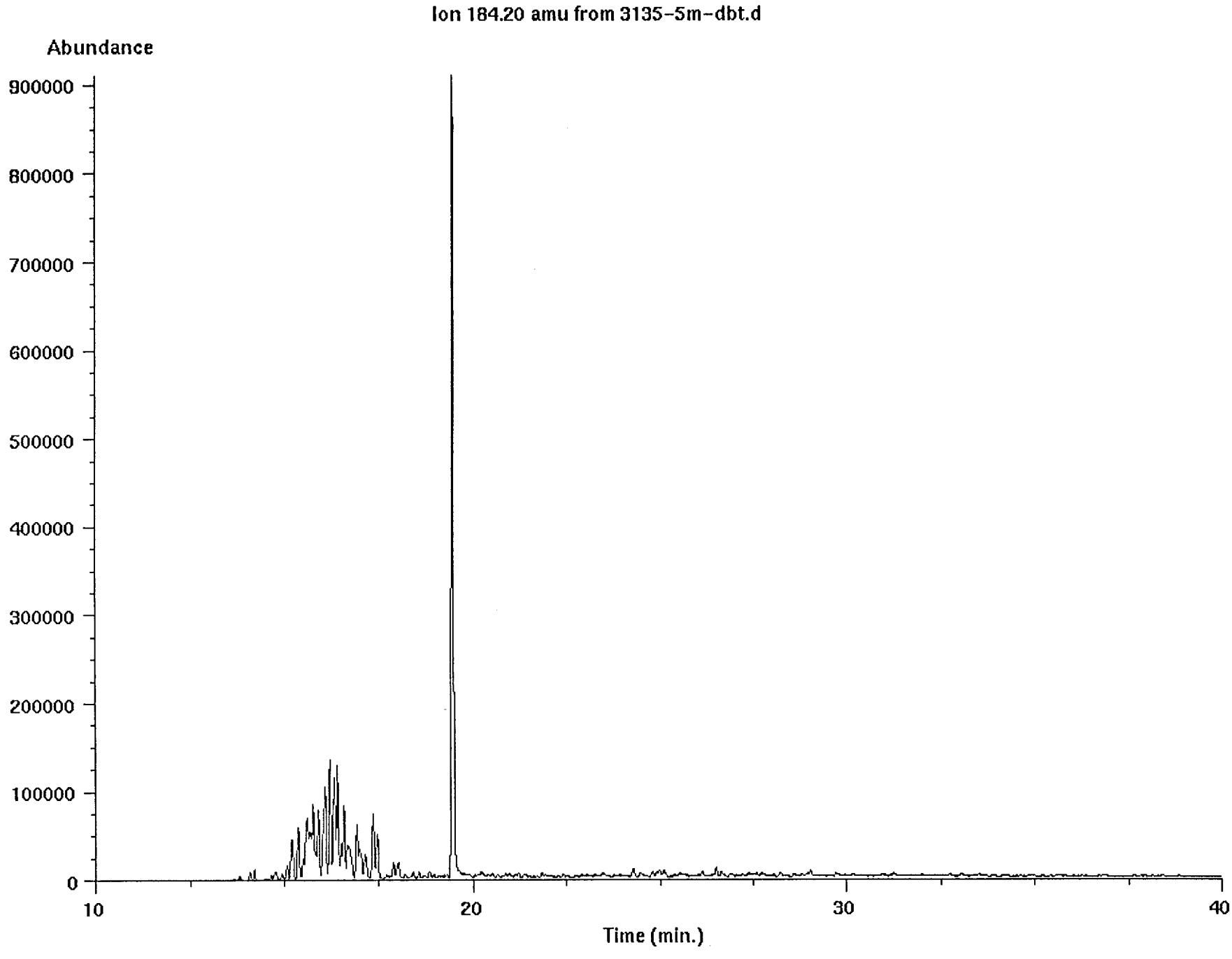
Data file: /chem/data2/chem/hp/Wessel/3135-5m-dbt.d
File type: GC / MS DATA FILE

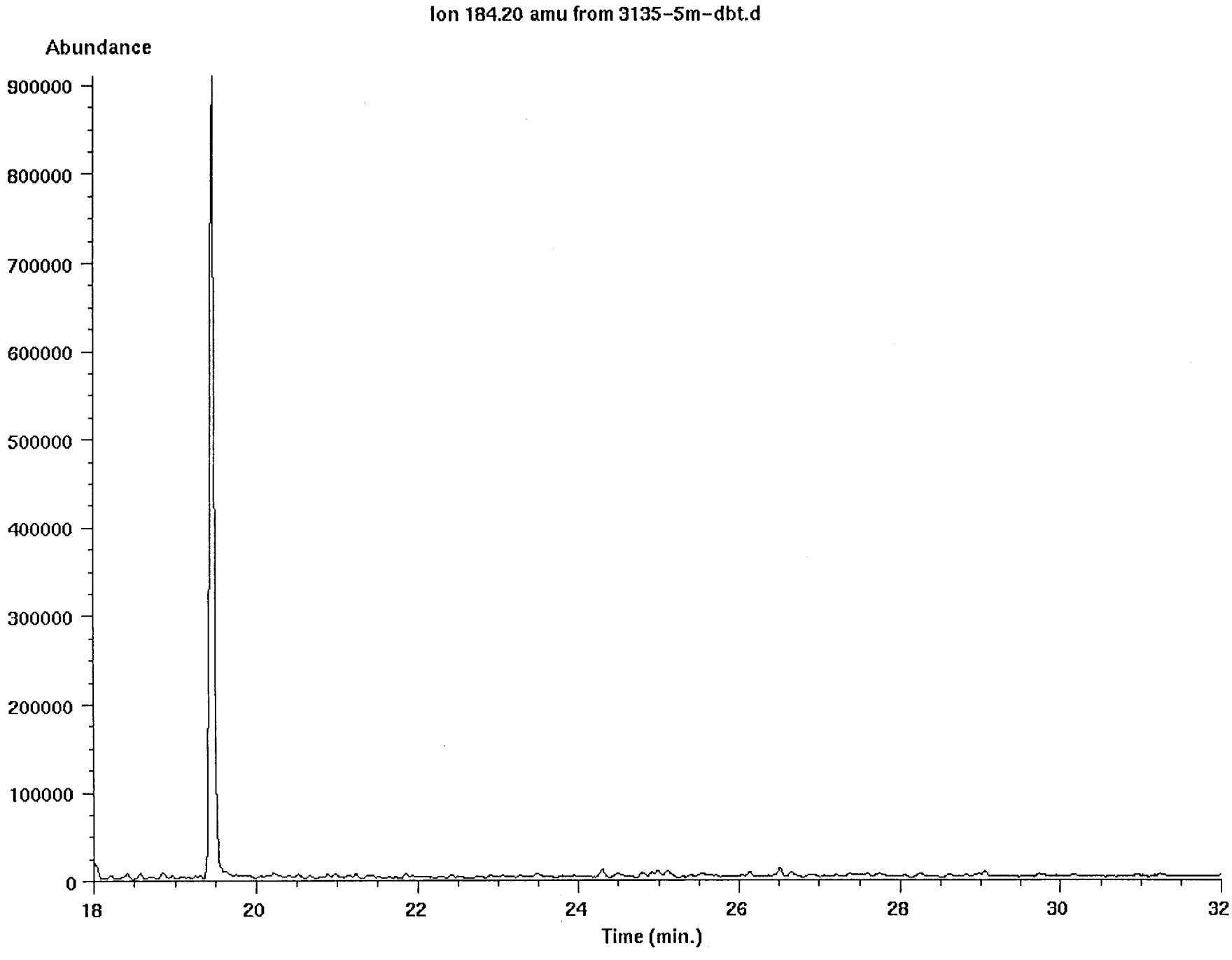
Name Info: Wessel 3135.5 ar
Misc Info:
Operator : PN

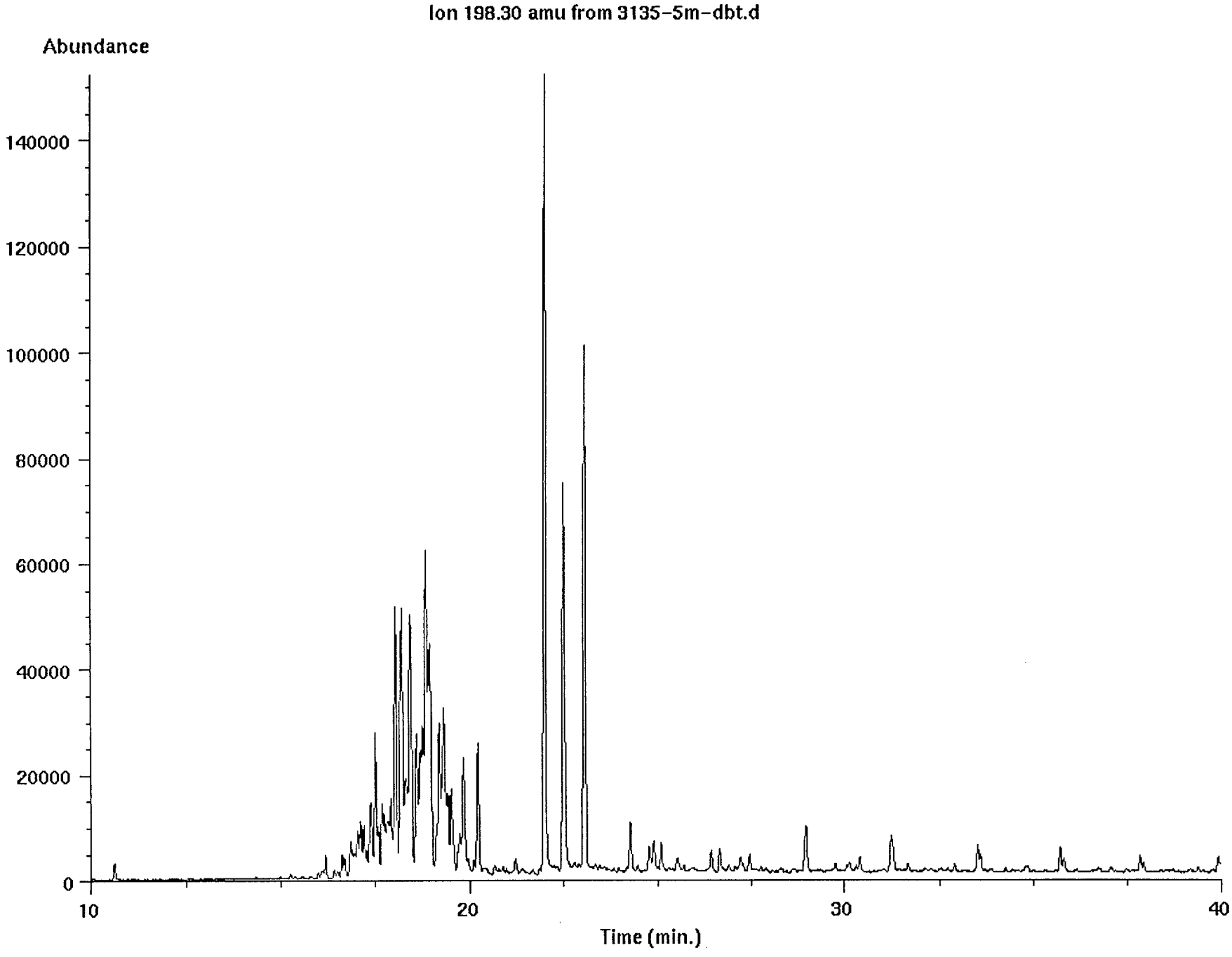
Date : Wed Jan 14 98 03:27:47 AM
Instrment: HP5971
Inlet : GC

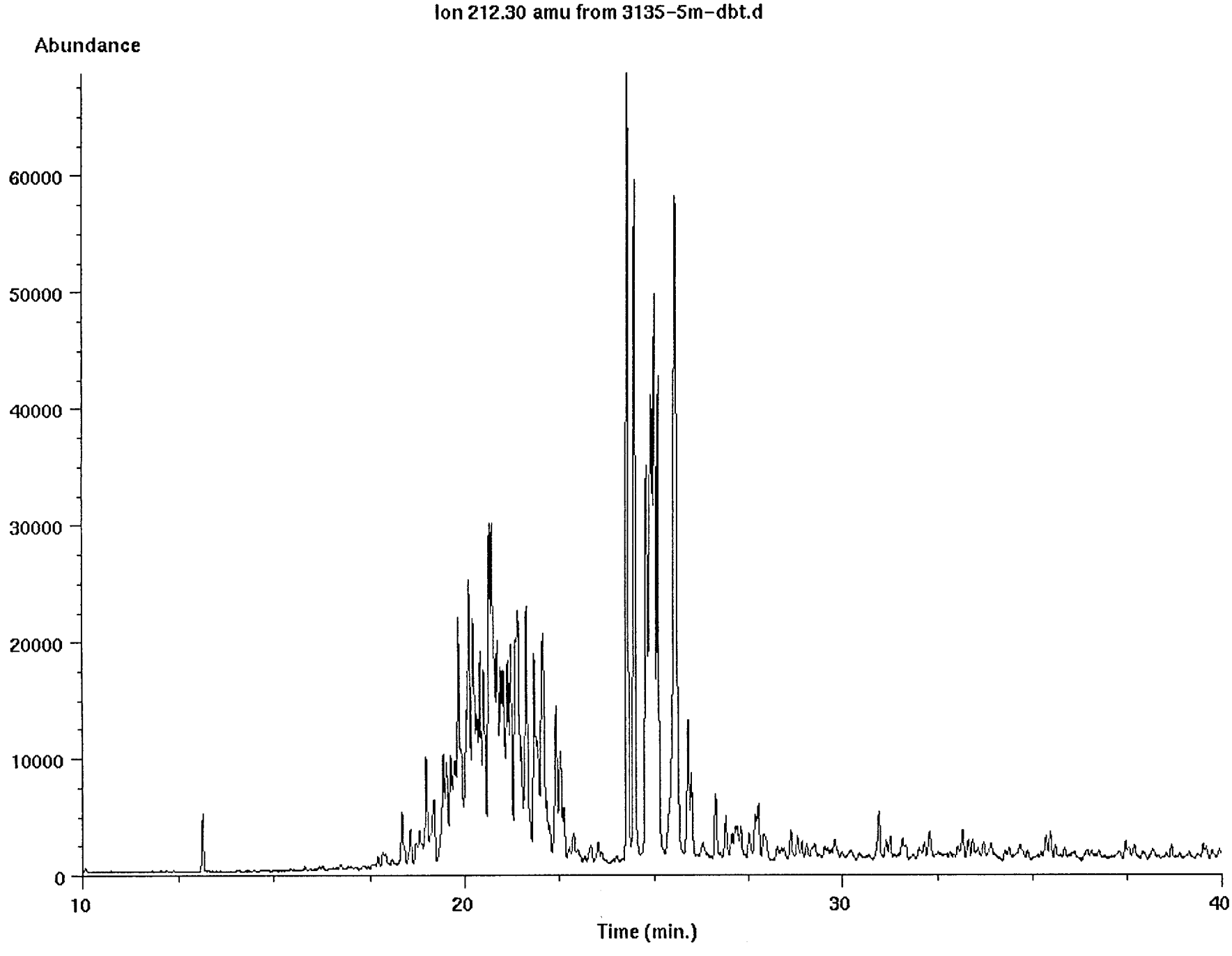
Sequence index : 3
Als bottle num : 10
Replicate num : 1

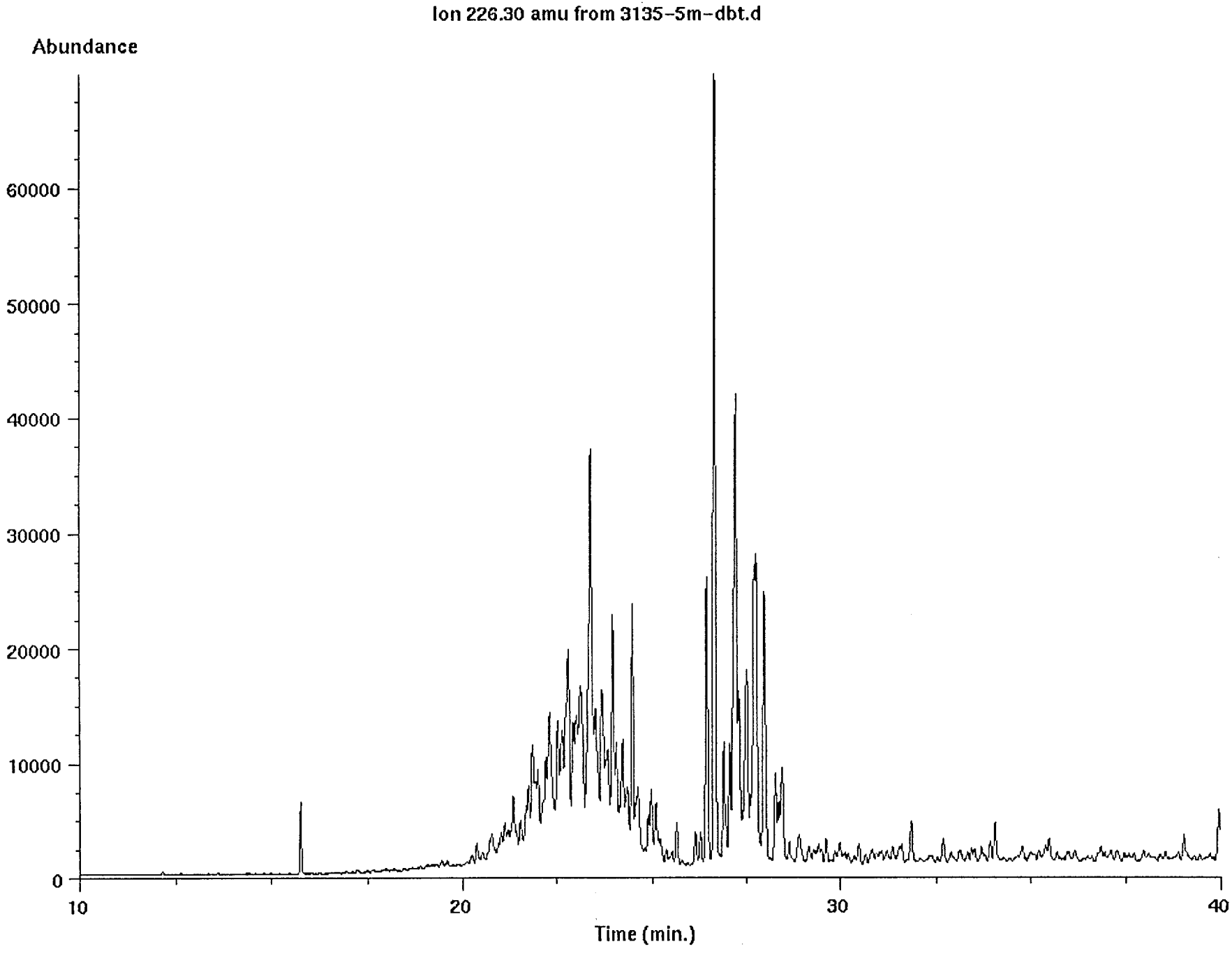

TIC of 3135-5m-dbt.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

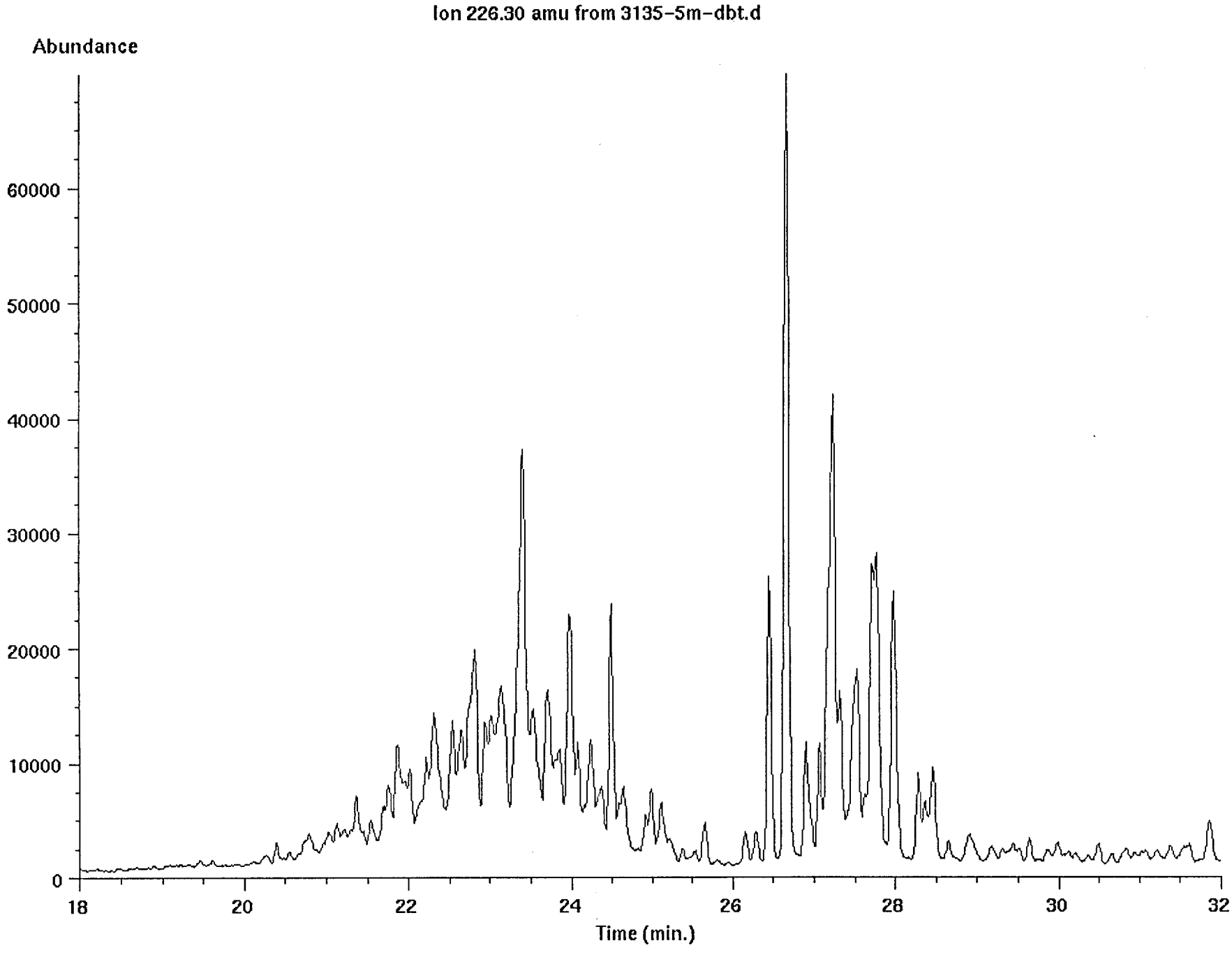

Ion 184.20 amu from 3135-5m-dbt.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
10
20
30
40
Time (min.)

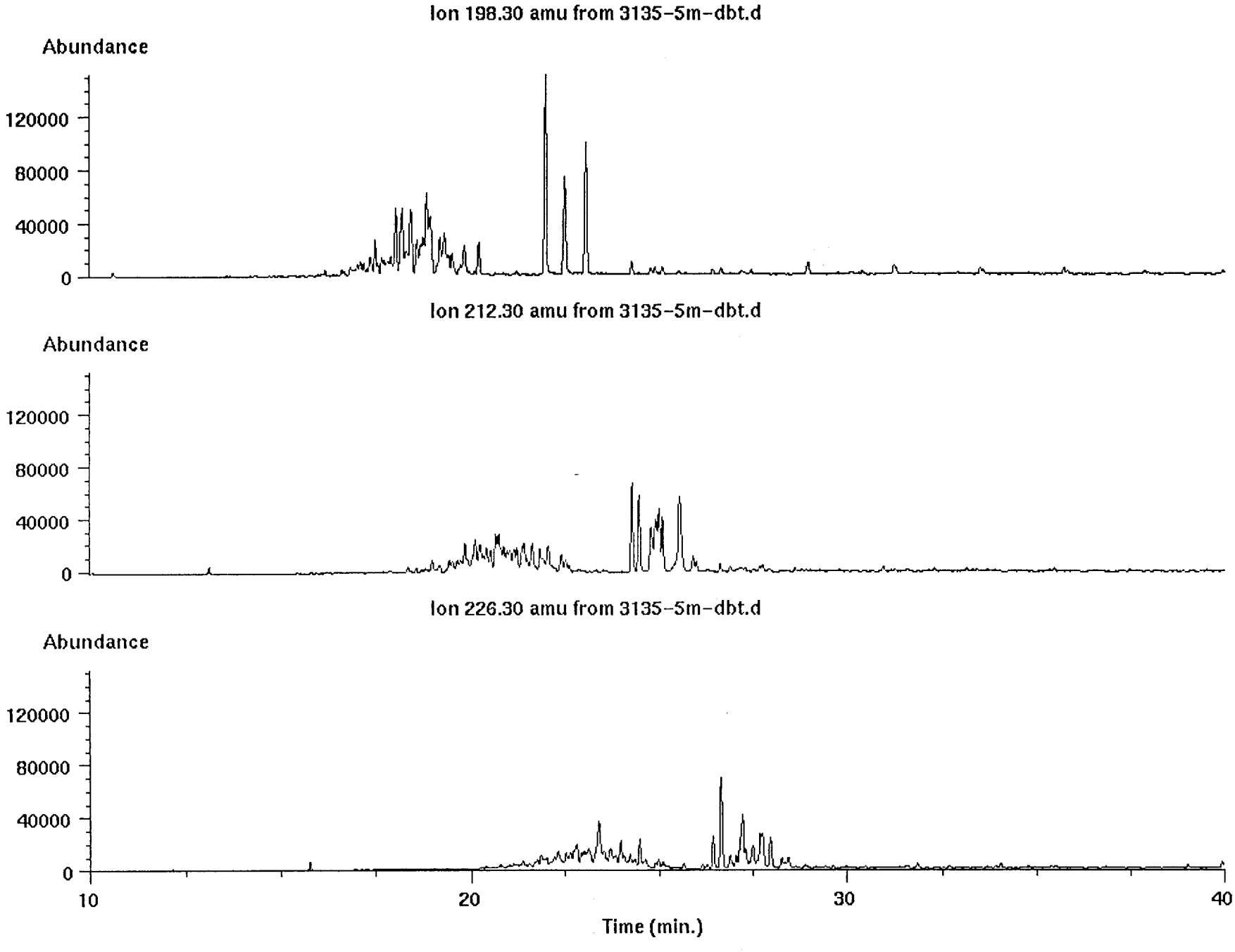

Ion 184.20 amu from 3135-5m-dbt.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
18
20
22
24
26
28
30
32
Time (min.)

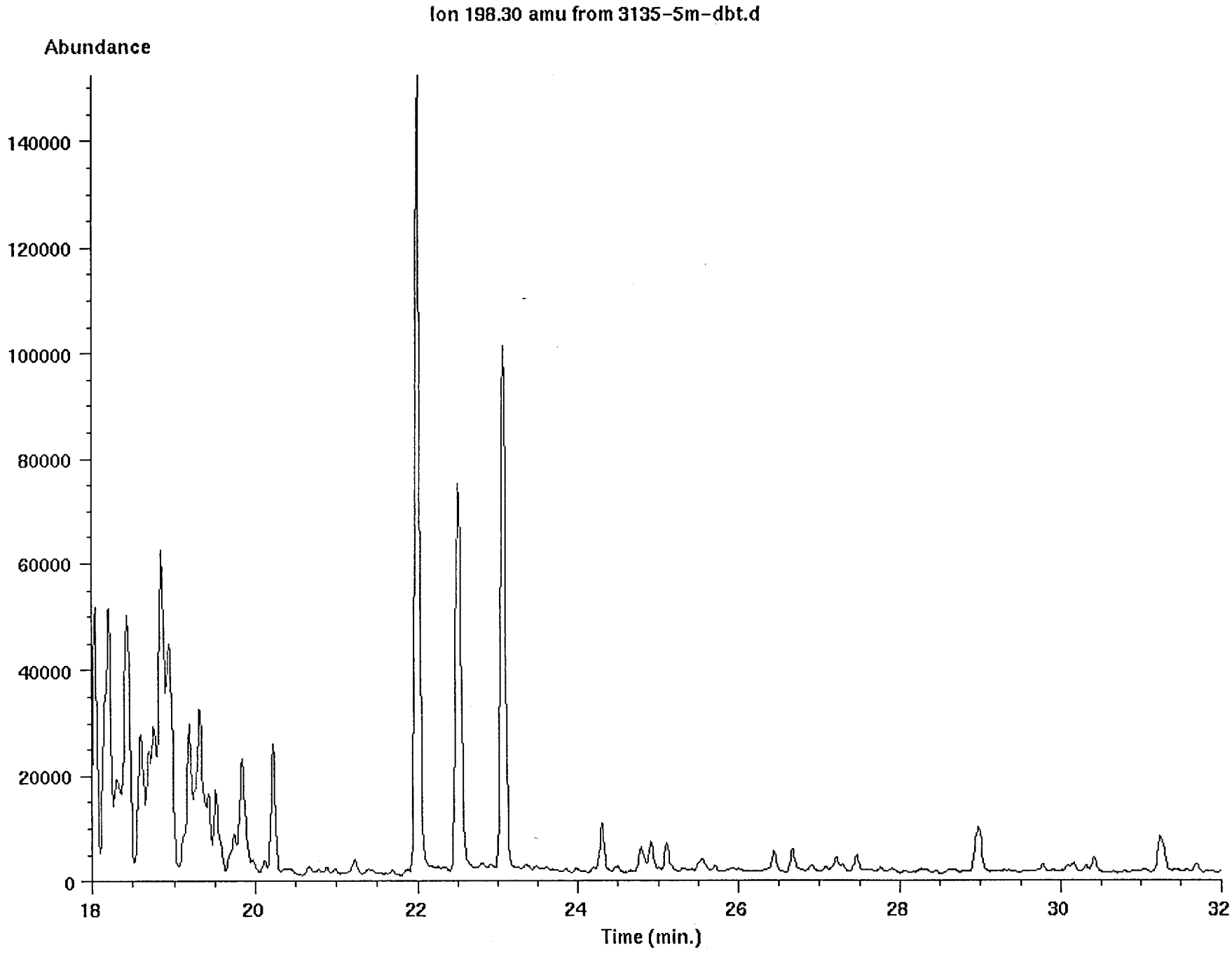

Ion 198.30 amu from 3135-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

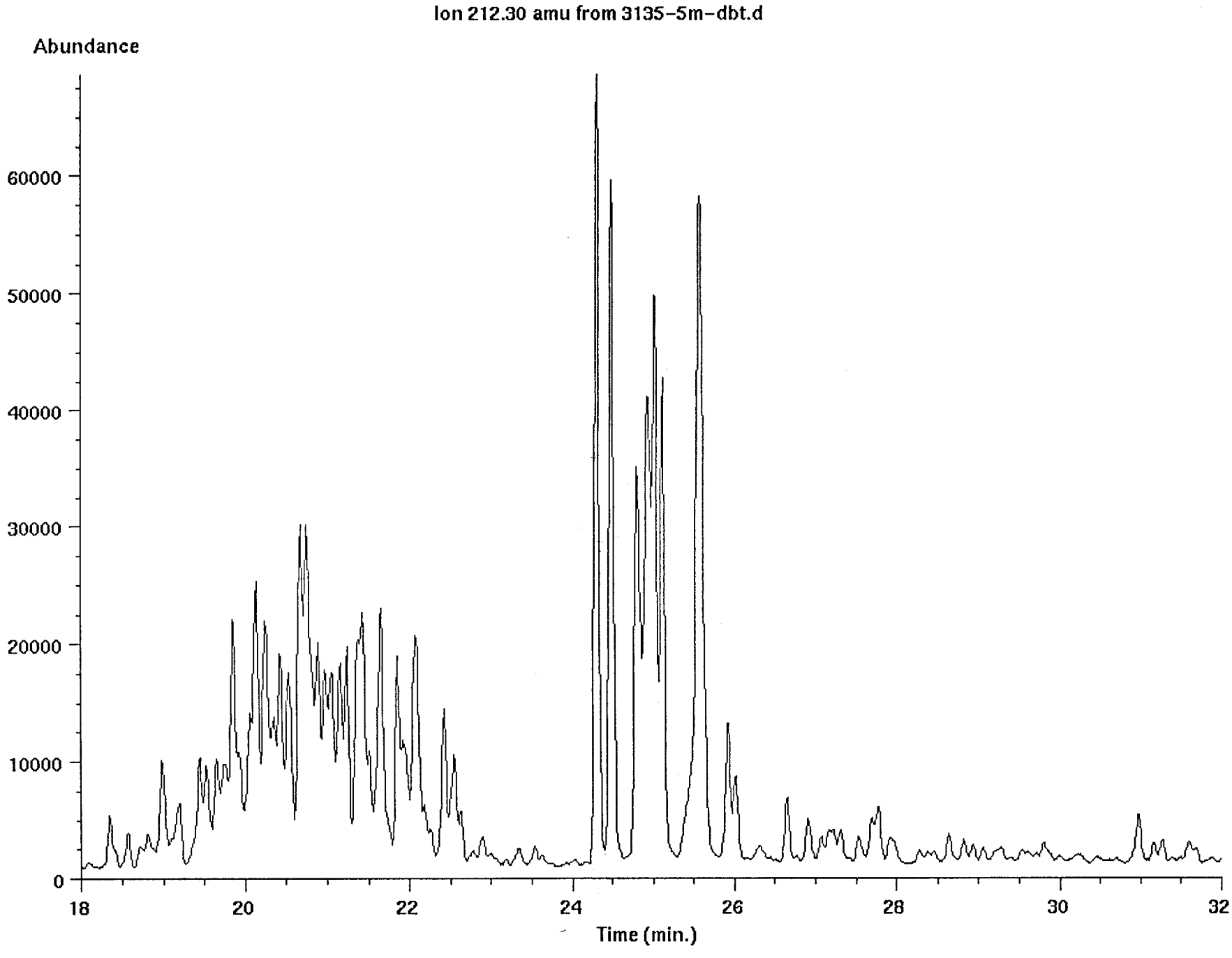

Ion 212.30 amu from 3135-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

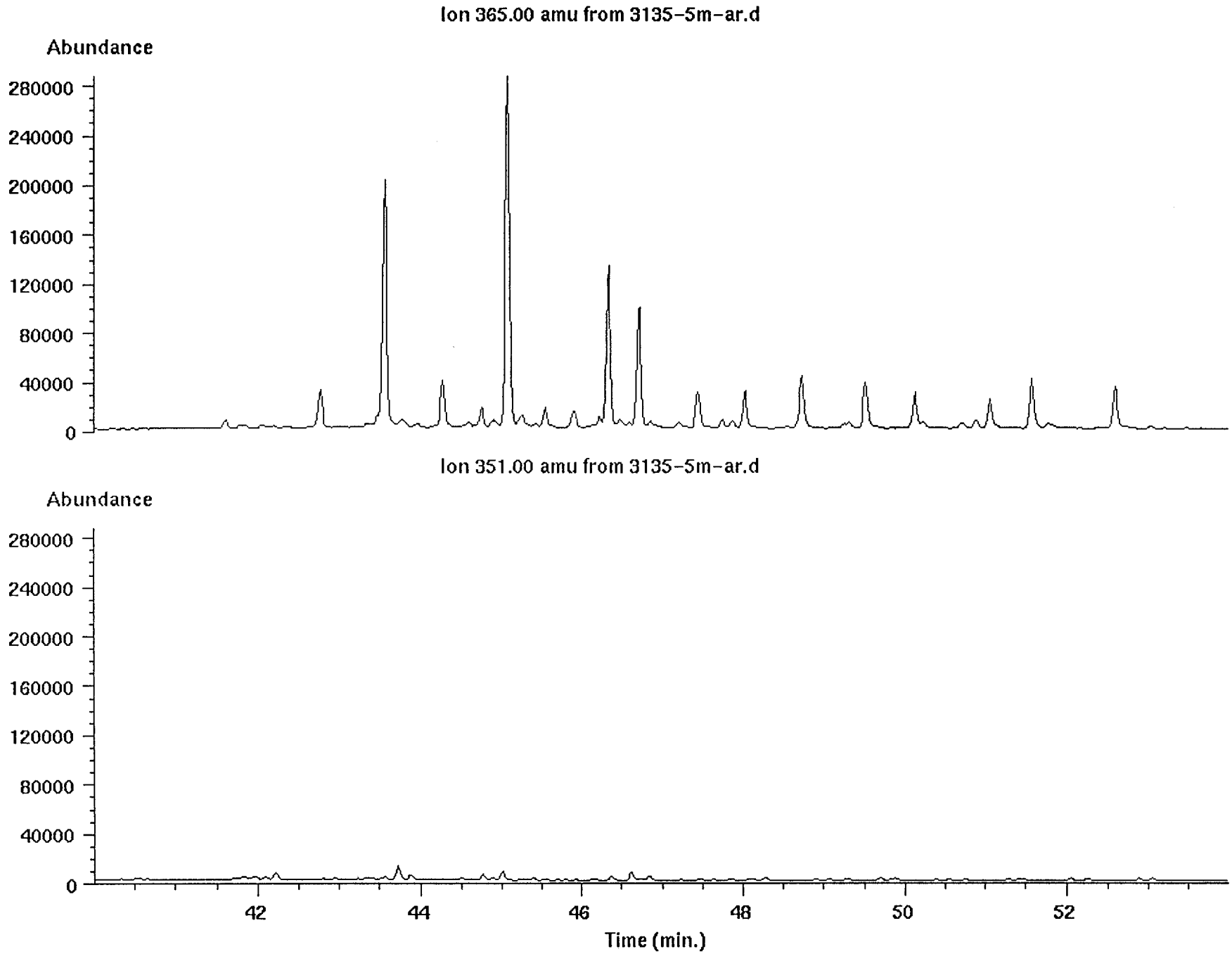

Ion 226.30 amu from 3135-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3135-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3135-5m-dbt.d
Abundance
120000
80000
40000
0
Ion 212.30 amu from 3135-5m-dbt.d
Abundance
120000
80000
40000
0
Ion 226.30 amu from 3135-5m-dbt.d
Abundance
120000
80000
40000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3135-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3135-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)

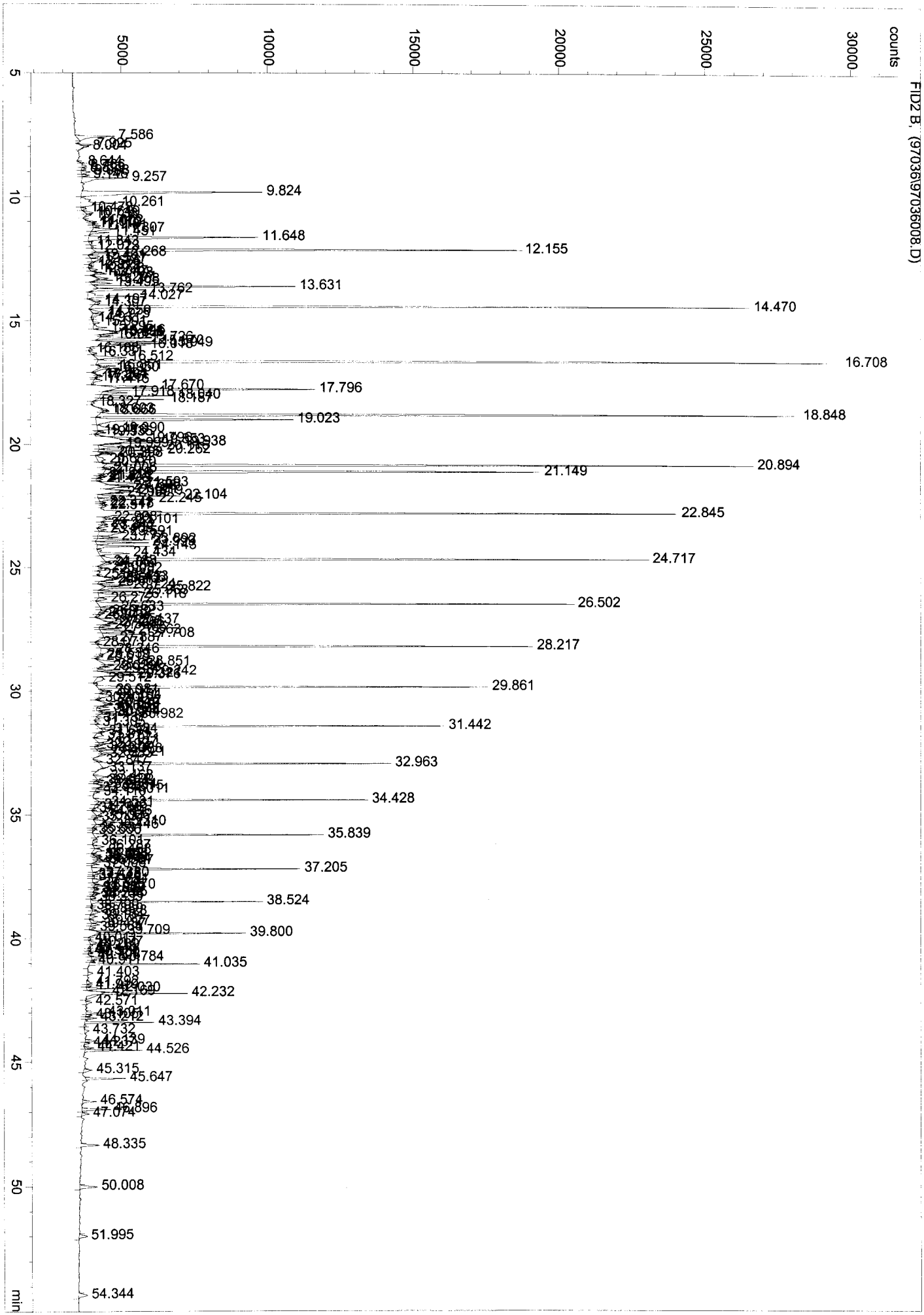

Ion 365.00 amu from 3135-5m-ar.d
Abundance
280000
240000
200000
160000
120000
80000
40000
0
Ion 351.00 amu from 3135-5m-ar.d
Abundance
280000
240000
200000
160000
120000
80000
40000
0
42
44
46
48
50
52
Time (min.)

97036-09, WESSEL-1, CORE 6, 3136.5 M, AMERADA HESS, GRO
VKNUST, ALI: 4.3 MG, KØRT d. 16. DECEMBER 1997.

==========

Injection Date	: 16-12-97 15:53:34	Seq. Line :	2
Sample Name	: 3136.5 M	Vial :	2
Acq. Operator	: DD	Inj :	1
		Inj Volume :	1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:38:37 by per (modified after loading)		

Metode baseret på Norsk Industristandard


5000
10000
15000
20000
25000
30000
counts
FID2 B, (97036\97036008.D)
5
10
15
20
25
30
35
40
45
50
min
7.586
9.257
9.824
10.261
11.648
12.155
13.631
14.470
16.708
17.796
18.848
19.023
20.894
21.149
22.845
24.717
26.502
28.217
29.861
31.442
32.963
34.428
35.839
37.205
38.524
39.800
41.035
42.232
43.394
44.526
45.315
45.647
46.574
47.074
48.335
50.008
51.995
54.344

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	7.586	PBA	0.0679	6628.36475	1334.73401	0.46175
2	7.925	PB	0.0372	1045.53870	447.85864	0.07284
3	8.004	VBA	0.0923	1319.84204	184.81348	0.09194
4	8.644	PB	0.0377	310.18866	135.32971	0.02161
5	8.786	VB	0.0554	637.54272	150.42935	0.04441
6	8.893	VB	0.0430	466.75269	151.35942	0.03252
7	9.008	VB	0.0552	1225.92981	323.54877	0.08540
8	9.146	VB	0.0399	690.89648	261.16046	0.04813
9	9.257	VB	0.0651	7350.36572	1583.72815	0.51205
10	9.824	BB	0.0629	2.80609e4	6185.66064	1.95481
11	10.261	VB	0.0959	9291.68164	1277.58215	0.64729
12	10.478	VB	0.0517	655.05505	183.32286	0.04563
13	10.649	VB	0.0571	1134.34277	274.96014	0.07902
14	10.738	VBA	0.1057	1480.65503	175.09547	0.10315
15	11.002	BB	0.0332	464.49597	244.21249	0.03236
16	11.070	VB	0.0276	161.03711	95.80455	0.01122
17	11.119	VB	0.0243	122.64046	78.34379	0.00854
18	11.181	VB	0.0373	683.73926	272.09982	0.04763
19	11.307	VB	0.0574	3570.85181	860.06940	0.24876
20	11.451	VBA	0.0585	2691.75317	647.81720	0.18752
21	11.648	BB	0.0601	2.49056e4	5804.72900	1.73501
22	11.843	VBA	0.1365	1311.96240	121.97945	0.09140
23	12.023	BB	0.0496	282.17413	77.30927	0.01966
24	12.155	VB	0.0521	5.16128e4	1.46461e4	3.59551
25	12.268	VB	0.0423	2442.07568	882.09692	0.17012
26	12.401	VB	0.0616	1577.72473	363.54794	0.10991
27	12.537	VB	0.0671	1543.24304	321.19897	0.10751
28	12.656	VBA	0.1313	1149.06165	106.15247	0.08005

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	12.813	BBA	0.0924	1197.08936	169.39864	0.08339
30	12.938	BB	0.0536	959.52173	282.89020	0.06684
31	13.047	VB	0.0313	371.84003	194.76129	0.02590
32	13.108	VB	0.0413	1025.36731	370.35733	0.07143
33	13.297	VB	0.0609	1583.13245	362.57599	0.11029
34	13.368	VB	0.0412	1490.65930	556.89581	0.10384
35	13.495	VB	0.0481	2449.37769	731.52051	0.17063
36	13.631	VB	0.0501	2.23183e4	6839.94775	1.55477
37	13.762	VB	0.0492	5950.16992	1772.60095	0.41451
38	14.027	VB	0.0637	7482.91406	1687.66626	0.52128
39	14.197	VB	0.0467	980.28619	295.67947	0.06829
40	14.307	VB	0.0503	530.46173	175.35803	0.03695
41	14.470	VB	0.0442	7.19937e4	2.25684e4	5.01531
42	14.659	VB	0.0605	1841.16992	433.58838	0.12826
43	14.775	VB	0.0545	1466.98608	368.43069	0.10220
44	14.931	VB	0.0313	216.85049	100.07883	0.01511
45	15.091	VB	0.0444	815.96979	248.00325	0.05684
46	15.295	VB	0.0579	1917.31409	476.99197	0.13357
47	15.446	VB	0.0435	980.09631	296.68820	0.06828
48	15.493	VB	0.0220	131.49904	80.77830	0.00916
49	15.536	VB	0.0317	574.28760	282.69873	0.04001
50	15.624	VB	0.0406	1037.41187	455.69708	0.07227
51	15.726	VB	0.0633	6336.21777	1633.40247	0.44140
52	15.870	VB	0.0400	4066.44531	1638.35107	0.28328
53	15.949	VB	0.0370	3824.71826	1715.16748	0.26644
54	16.018	VBA	0.0398	3380.00342	1371.50525	0.23546
55	16.188	BB	0.0360	293.18069	117.79971	0.02042
56	16.331	VB	0.0521	788.78644	213.57475	0.05495
57	16.512	VB	0.0657	5014.16406	1050.78870	0.34930
58	16.708	VB	0.0469	8.50586e4	2.54997e4	5.92546
59	16.851	VB	0.0333	1198.88110	575.07214	0.08352
60	16.950	VB	0.0620	2029.97217	464.71024	0.14141
61	17.204	VB	0.0502	475.76102	125.61599	0.03314
62	17.261	VB	0.0324	401.77444	192.27115	0.02799
63	17.325	VB	0.0250	170.54268	94.86579	0.01188
64	17.416	VB	0.0675	1597.80237	302.97101	0.11131
65	17.670	VB	0.0502	5616.41943	1670.11084	0.39126
66	17.796	VB	0.0488	2.24840e4	6945.92969	1.56631
67	17.918	VB	0.0466	2825.21289	877.39673	0.19681
68	18.040	VB	0.0470	8036.93799	2532.21094	0.55988
69	18.187	VB	0.0427	6307.31787	2394.56494	0.43939
70	18.327	VB	0.0433	363.69998	116.73387	0.02534
71	18.603	VB	0.0499	725.33838	180.35779	0.05053
72	18.666	VB	0.0313	413.55969	216.56989	0.02881
73	18.848	VB	0.0488	8.20089e4	2.40424e4	5.71301
74	19.023	VB	0.0548	2.70956e4	6755.37061	1.88757
75	19.390	VB	0.0835	4545.58398	711.97504	0.31666
76	19.476	VB	0.0204	93.55399	70.71156	0.00652
77	19.535	VB	0.0381	801.03601	321.15836	0.05580

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	19.796	VB	0.0564	3400.18506	819.89966	0.23687
79	19.853	VB	0.0321	1930.43689	1020.88531	0.13448
80	19.938	VB	0.0371	5301.33838	2057.59399	0.36931
81	19.999	VB	0.0267	920.91510	574.58832	0.06415
82	20.116	VB	0.0420	6197.66602	2193.05078	0.43175
83	20.262	VB	0.0360	5170.26465	2236.36035	0.36018
84	20.345	VB	0.0307	749.50433	402.85489	0.05221
85	20.398	VB	0.0333	1020.52173	511.91293	0.07109
86	20.634	VB	0.1043	2422.82007	284.52246	0.16878
87	20.770	VB	0.0275	255.67778	153.26610	0.01781
88	20.894	VB	0.0460	7.44698e4	2.22542e4	5.18781
89	21.006	VB	0.0321	348.33414	175.91566	0.02427
90	21.149	VB	0.0556	5.97093e4	1.49635e4	4.15955
91	21.219	VB	0.0281	280.40231	125.51595	0.01953
92	21.292	VB	0.0278	454.90555	255.25079	0.03169
93	21.344	VB	0.0268	317.75510	187.07396	0.02214
94	21.426	VB	0.0412	680.09784	225.52003	0.04738
95	21.593	VB	0.0663	6120.59375	1267.64331	0.42638
96	21.696	VB	0.0304	855.64008	465.95920	0.05961
97	21.738	VB	0.0222	341.45264	262.53470	0.02379
98	21.871	VB	0.0295	769.12915	436.85944	0.05358
99	21.919	VB	0.0369	1219.53296	528.31476	0.08496
100	21.989	VB	0.0300	796.34363	488.31934	0.05548
101	22.104	VB	0.0416	7712.56494	2845.53931	0.53728
102	22.245	VB	0.0392	4969.39160	1921.11279	0.34618
103	22.371	VB	0.0265	396.93927	206.01736	0.02765
104	22.448	VB	0.0325	389.23654	178.38333	0.02712
105	22.517	VBA	0.1208	1301.91699	133.48964	0.09070
106	22.845	VB	0.0452	5.65077e4	1.87196e4	3.93651
107	22.998	VB	0.0399	656.82489	207.64076	0.04576
108	23.101	VB	0.0488	3206.97363	963.93726	0.22341
109	23.243	VB	0.0470	585.21680	170.61208	0.04077
110	23.342	VB	0.0496	1131.20557	302.72836	0.07880
111	23.466	VB	0.0484	937.03656	292.20624	0.06528
112	23.591	VB	0.0829	5948.95361	939.33881	0.41442
113	23.777	VB	0.0400	1780.14502	691.12976	0.12401
114	23.892	VB	0.0467	6017.87500	1814.69934	0.41922
115	23.999	VB	0.0450	5252.15234	1801.78186	0.36588
116	24.143	VB	0.0435	5194.84863	1811.47937	0.36189
117	24.434	VB	0.0609	4663.83936	1048.17053	0.32490
118	24.717	VB	0.0495	6.31250e4	1.86558e4	4.39749
119	24.788	VB	0.0253	257.60141	134.85733	0.01795
120	24.851	VBA	0.0822	1752.93835	258.26895	0.12212
121	25.009	BB	0.0361	611.56226	254.16728	0.04260
122	25.082	VB	0.0414	1411.10486	508.34061	0.09830
123	25.308	PB	0.0231	140.55237	90.55650	0.00979
124	25.413	VB	0.0443	1268.14685	430.88449	0.08834
125	25.466	VB	0.0237	305.72498	213.30269	0.02130
126	25.512	VB	0.0286	339.22015	202.35988	0.02363

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	25.607	VB	0.0405	1517.14429	544.41107	0.10569
128	25.724	VB	0.0395	2455.33569	908.63849	0.17105
129	25.822	VB	0.0419	5891.40869	2086.42896	0.41041
130	25.963	VB	0.0371	3493.35718	1504.51868	0.24336
131	26.118	VB	0.0629	6768.16748	1411.56958	0.47149
132	26.272	VB	0.0586	1418.11475	333.48108	0.09879
133	26.502	VB	0.0461	5.31621e4	1.62998e4	3.70344
134	26.633	VBA	0.0612	2399.29761	580.55432	0.16714
135	26.782	BB	0.0339	592.97351	289.03342	0.04131
136	26.852	VB	0.0328	448.96890	203.14357	0.03128
137	26.942	VB	0.0371	417.26840	142.66270	0.02907
138	27.137	VB	0.0662	4936.03955	990.13574	0.34386
139	27.225	VB	0.0298	252.41826	141.58397	0.01758
140	27.266	VB	0.0288	597.54175	280.84210	0.04163
141	27.354	VB	0.0381	891.16992	345.15958	0.06208
142	27.465	VB	0.0389	1635.73755	709.53430	0.11395
143	27.563	VB	0.0583	4722.48779	1165.28186	0.32898
144	27.708	VB	0.0502	5478.59766	1550.28369	0.38166
145	27.887	VB	0.0568	2414.51831	513.64667	0.16820
146	28.071	VB	0.0328	295.70621	128.94041	0.02060
147	28.217	VB	0.0434	4.63211e4	1.48507e4	3.22688
148	28.346	VB	0.1093	3459.08081	406.58301	0.24097
149	28.539	VB	0.0345	281.21072	128.73560	0.01959
150	28.618	VB	0.0375	462.72055	183.13461	0.03223
151	28.851	VB	0.0732	8207.78516	1425.58313	0.57178
152	28.954	VB	0.0325	703.73584	335.38705	0.04902
153	29.029	VBA	0.0636	1449.87073	303.98129	0.10100
154	29.147	BB	0.0357	1791.59045	782.57660	0.12481
155	29.242	VB	0.0365	3563.26733	1512.99487	0.24823
156	29.321	VB	0.0357	1292.91797	611.58167	0.09007
157	29.376	VB	0.0293	1268.58630	730.29065	0.08837
158	29.512	VB	0.1039	2444.98657	294.26321	0.17033
159	29.861	VB	0.0432	3.92233e4	1.33790e4	2.73243
160	29.981	VB	0.0329	691.51685	337.89075	0.04817
161	30.047	VB	0.0325	816.65454	312.21506	0.05689
162	30.184	VB	0.0648	2844.82397	545.54962	0.19818
163	30.309	VB	0.0295	273.26163	129.95876	0.01904
164	30.422	VB	0.0504	1729.47388	454.87631	0.12048
165	30.519	VB	0.0228	233.51118	153.10284	0.01627
166	30.566	VB	0.0326	518.25897	267.43378	0.03610
167	30.645	VB	0.0314	835.00433	399.88351	0.05817
168	30.761	VB	0.0397	1256.46069	462.91885	0.08753
169	30.844	VB	0.0355	1008.75555	461.12292	0.07027
170	30.904	VB	0.0317	750.38721	385.68637	0.05227
171	30.982	VBA	0.0436	3892.19067	1311.16992	0.27114
172	31.137	BBA	0.0950	1269.92310	161.04575	0.08847
173	31.305	BB	0.0492	469.07086	132.85612	0.03268
174	31.442	VB	0.0468	3.54717e4	1.18769e4	2.47107
175	31.584	VB	0.0423	955.69806	315.96185	0.06658

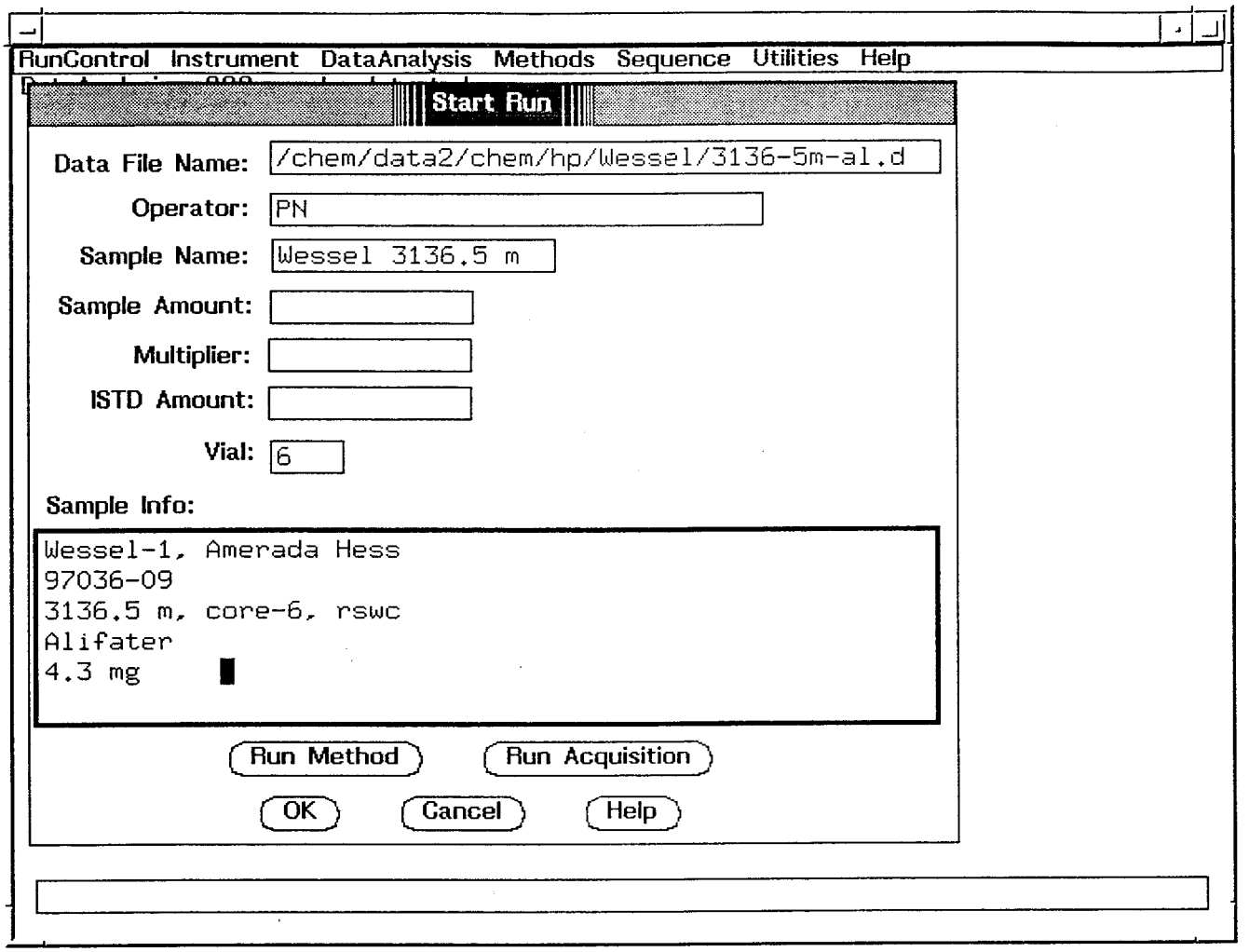
Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	31.664	VB	0.0317	275.08408	144.81403	0.01916
177	31.811	VB	0.0740	1701.07471	305.52365	0.11850
178	31.971	VB	0.0786	3576.96069	617.77124	0.24918
179	32.127	VB	0.0332	883.69977	408.72711	0.06156
180	32.199	VB	0.0366	368.56049	167.83766	0.02568
181	32.307	VB	0.0420	1060.09814	386.17407	0.07385
182	32.388	VB	0.0363	1481.99329	656.31836	0.10324
183	32.521	VB	0.0421	1731.63940	609.77850	0.12063
184	32.583	VBA	0.1133	1407.60706	152.97740	0.09806
185	32.847	PB	0.0389	400.02808	180.45172	0.02787
186	32.963	VB	0.0430	2.99703e4	9977.99023	2.08783
187	33.137	VBA	0.0946	942.22241	125.48357	0.06564
188	33.468	PB	0.0626	1964.42407	404.77939	0.13685
189	33.622	VB	0.0319	547.14056	291.98087	0.03812
190	33.694	VB	0.0363	692.92316	285.55127	0.04827
191	33.804	VB	0.0345	848.07391	347.19226	0.05908
192	33.875	VB	0.0345	1211.92102	554.03082	0.08443
193	33.943	VB	0.0172	88.37497	77.85990	0.00616
194	34.011	VB	0.0388	2212.91528	929.75720	0.15416
195	34.110	VBA	0.0827	1298.31885	190.14519	0.09045
196	34.428	PB	0.0423	2.64607e4	9264.93652	1.84334
197	34.531	VB	0.0441	1182.66431	344.34143	0.08239
198	34.636	VB	0.0571	866.97162	197.85255	0.06040
199	34.766	VB	0.0365	203.33893	70.76425	0.01417
200	34.896	VB	0.0650	2227.28149	419.22989	0.15516
201	35.066	VB	0.0332	509.96594	245.61229	0.03553
202	35.134	VB	0.0329	196.75197	99.62757	0.01371
203	35.310	VB	0.0632	4083.47192	847.46057	0.28447
204	35.446	VB	0.0464	1857.94592	579.69318	0.12943
205	35.581	VB	0.0275	315.96173	150.61548	0.02201
206	35.656	VBA	0.1522	984.40057	78.02252	0.06858
207	35.839	BBA	0.0468	2.27706e4	7871.27344	1.58628
208	36.101	PBA	0.1123	1475.15710	165.02844	0.10276
209	36.287	BB	0.0521	1463.92651	370.68826	0.10198
210	36.458	VB	0.0704	2083.25488	395.77930	0.14513
211	36.628	VB	0.0414	632.14191	259.27649	0.04404
212	36.691	VB	0.0283	407.47992	213.20296	0.02839
213	36.763	VB	0.0271	252.76225	139.95497	0.01761
214	36.824	VB	0.0297	491.31488	252.46031	0.03423
215	36.887	VBA	0.0572	1607.25366	380.95932	0.11197
216	37.006	BBA	0.0720	1444.15649	271.77393	0.10060
217	37.205	BB	0.0409	2.01570e4	7142.02637	1.40420
218	37.380	VB	0.0380	840.54791	337.79144	0.05856
219	37.448	VB	0.0241	119.16616	69.32742	0.00830
220	37.516	VB	0.0461	282.31921	84.19480	0.01967
221	37.631	VB	0.0695	1659.03613	336.58652	0.11557
222	37.801	VB	0.0210	241.38875	156.09001	0.01682
223	37.870	VB	0.0391	1231.32312	494.29892	0.08578
224	37.969	VB	0.0276	293.96964	158.76137	0.02048

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	38.027	VB	0.0356	294.68262	124.49686	0.02053
226	38.165	VB	0.0307	462.62930	238.16267	0.03223
227	38.233	VB	0.0372	419.14334	161.81044	0.02920
228	38.355	VB	0.0487	693.31360	189.54456	0.04830
229	38.524	VB	0.0416	1.64643e4	5886.34570	1.14696
230	38.700	VB	0.0249	96.78697	59.62526	0.00674
231	38.839	VB	0.0436	480.01819	148.87405	0.03344
232	38.923	VB	0.0635	1286.05054	285.95239	0.08959
233	39.104	VB	0.0538	1064.43970	271.29395	0.07415
234	39.327	VB	0.0500	1559.58850	443.76163	0.10865
235	39.437	VB	0.0434	1011.49103	291.86258	0.07046
236	39.564	VB	0.0480	739.65485	215.50983	0.05153
237	39.709	VB	0.0397	2199.17139	894.58710	0.15320
238	39.800	VB	0.0402	1.35425e4	5070.58643	0.94342
239	40.011	VB	0.0412	313.57541	101.14536	0.02184
240	40.177	VB	0.0665	1311.06665	240.80647	0.09133
241	40.289	VB	0.0557	415.63739	93.84859	0.02895
242	40.441	VB	0.0388	285.89783	101.84071	0.01992
243	40.519	VB	0.0267	115.83770	62.26939	0.00807
244	40.580	VB	0.0281	334.05136	168.51627	0.02327
245	40.708	VB	0.0243	173.16550	123.70856	0.01206
246	40.784	VB	0.0447	2499.82788	891.34955	0.17415
247	40.911	VB	0.0316	242.42155	114.80737	0.01689
248	41.035	VBA	0.0426	1.12728e4	3804.80469	0.78530
249	41.403	BBA	0.1090	1444.80957	173.79430	0.10065
250	41.792	PB	0.0553	794.98871	191.94231	0.05538
251	41.919	VB	0.0358	486.71902	190.27782	0.03391
252	42.030	VB	0.0448	2711.21802	934.44391	0.18887
253	42.169	VB	0.0230	230.43088	191.71436	0.01605
254	42.232	VBA	0.0293	5087.81445	2925.22998	0.35443
255	42.571	BBA	0.0961	1551.09216	196.46880	0.10805
256	43.011	BB	0.0471	1993.67737	626.37738	0.13889
257	43.105	VB	0.0417	542.96271	220.87210	0.03782
258	43.212	VB	0.0383	1081.81470	403.29758	0.07536
259	43.394	VB	0.0424	6638.85547	2392.60083	0.46248
260	43.732	VBA	0.1216	1564.55908	156.48126	0.10899
261	44.139	BB	0.0494	1523.99280	463.36841	0.10617
262	44.237	VB	0.0473	542.56073	174.31404	0.03780
263	44.421	VB	0.0403	862.85986	311.46121	0.06011
264	44.526	VBA	0.0487	6218.97852	1974.92358	0.43323
265	45.315	BBA	0.0796	1953.04211	301.58109	0.13606
266	45.647	BBA	0.0513	4788.77100	1385.36755	0.33360
267	46.574	PBA	0.0683	2343.27271	477.03821	0.16324
268	46.896	BBA	0.0591	4182.69580	994.20276	0.29138
269	47.074	BBA	0.0960	1773.98975	258.69965	0.12358
270	48.335	BBA	0.0717	3297.53882	634.20129	0.22972
271	50.008	BBA	0.0796	3654.80566	612.89905	0.25461
272	51.995	BBA	0.1113	2230.71973	275.99869	0.15540
273	54.344	BBA	0.1095	2733.01318	314.24658	0.19039

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
Totals :				1.43548e6	4.32224e5	

Calibration Curves

*** End of Report ***

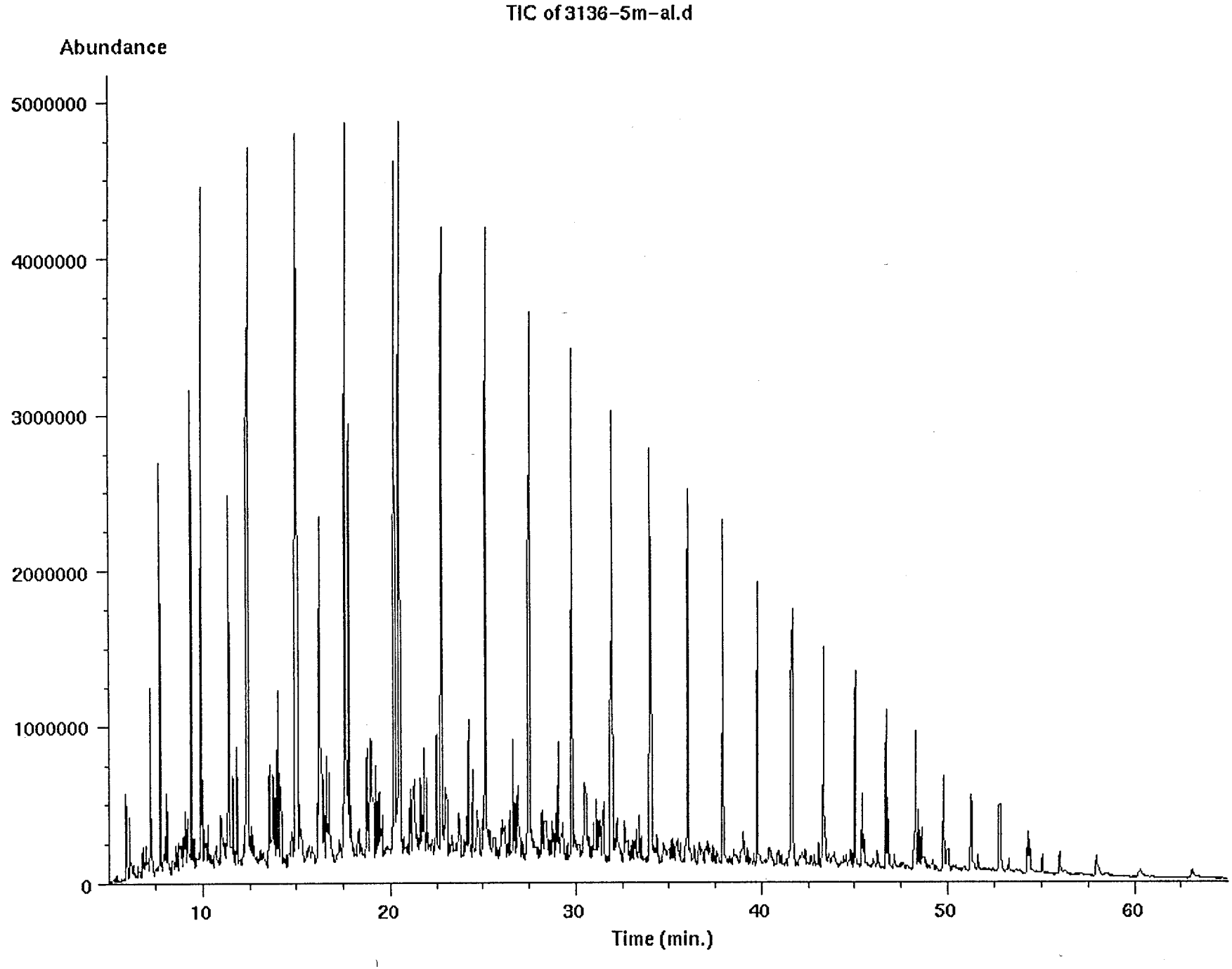

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3136-5m-al.d
Operator: PN
Sample Name: Wessel 3136.5 m
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 6
Sample Info:
Wessel-1, Amerada Hess
97036-09
3136.5 m, core-6, rswc
Alifater
4.3 mg
Run Method
Run Acquisition
OK
Cancel
Help

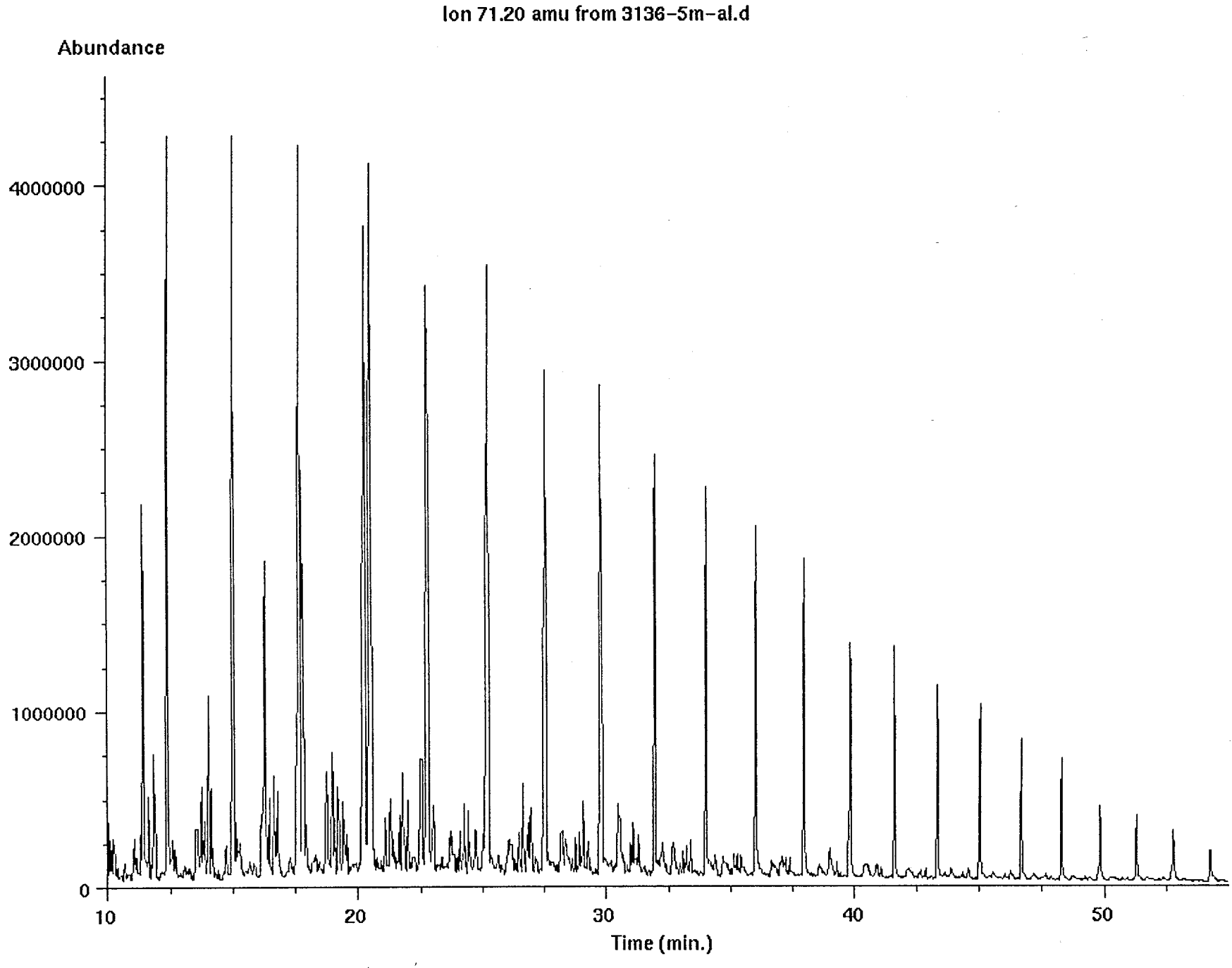
Data file: /chem/data2/chem/hp/Wessel/3136-5m-al.d
File type: GC / MS DATA FILE

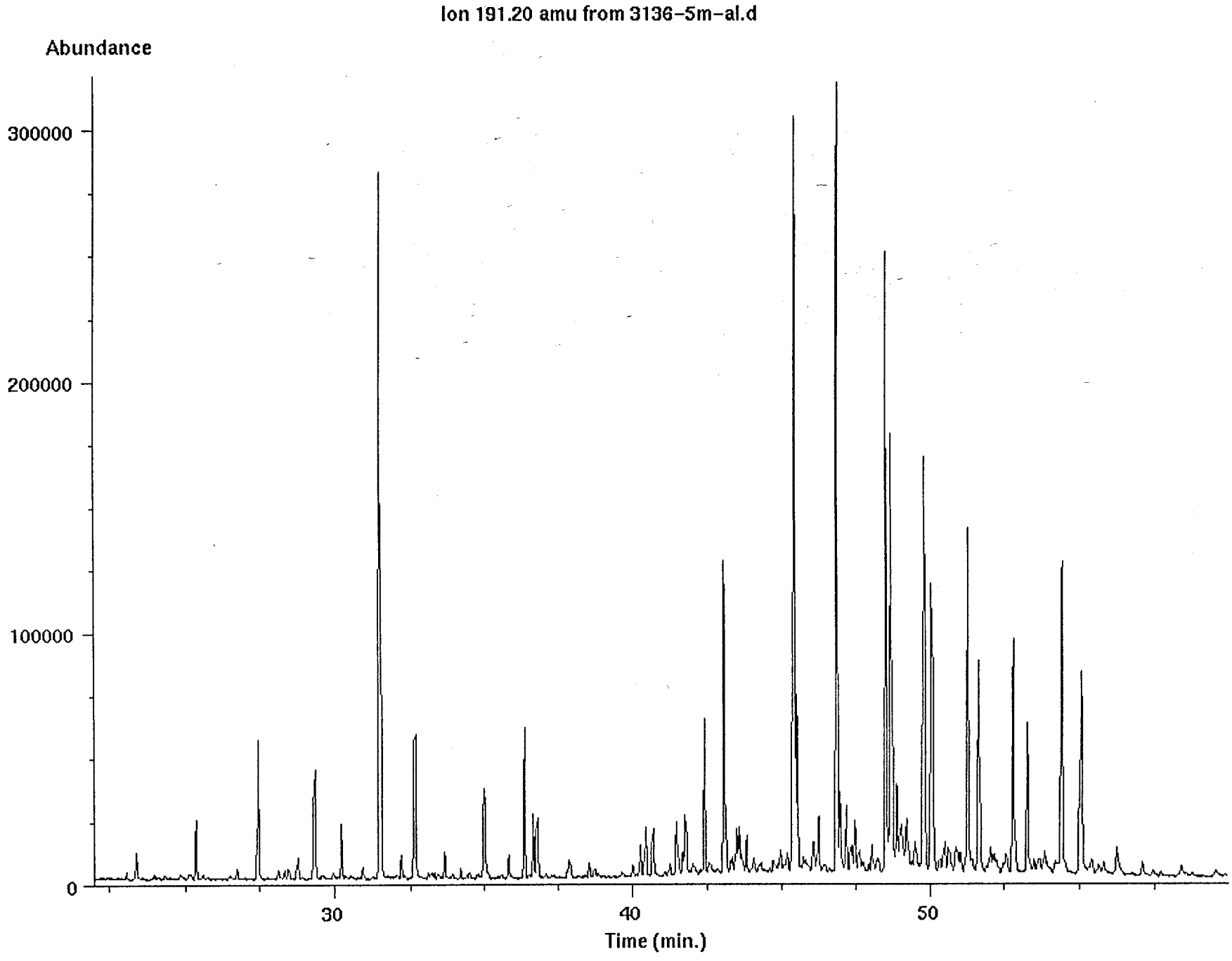
Name Info: Wessel 3136.5 m
Misc Info:
Operator : PN

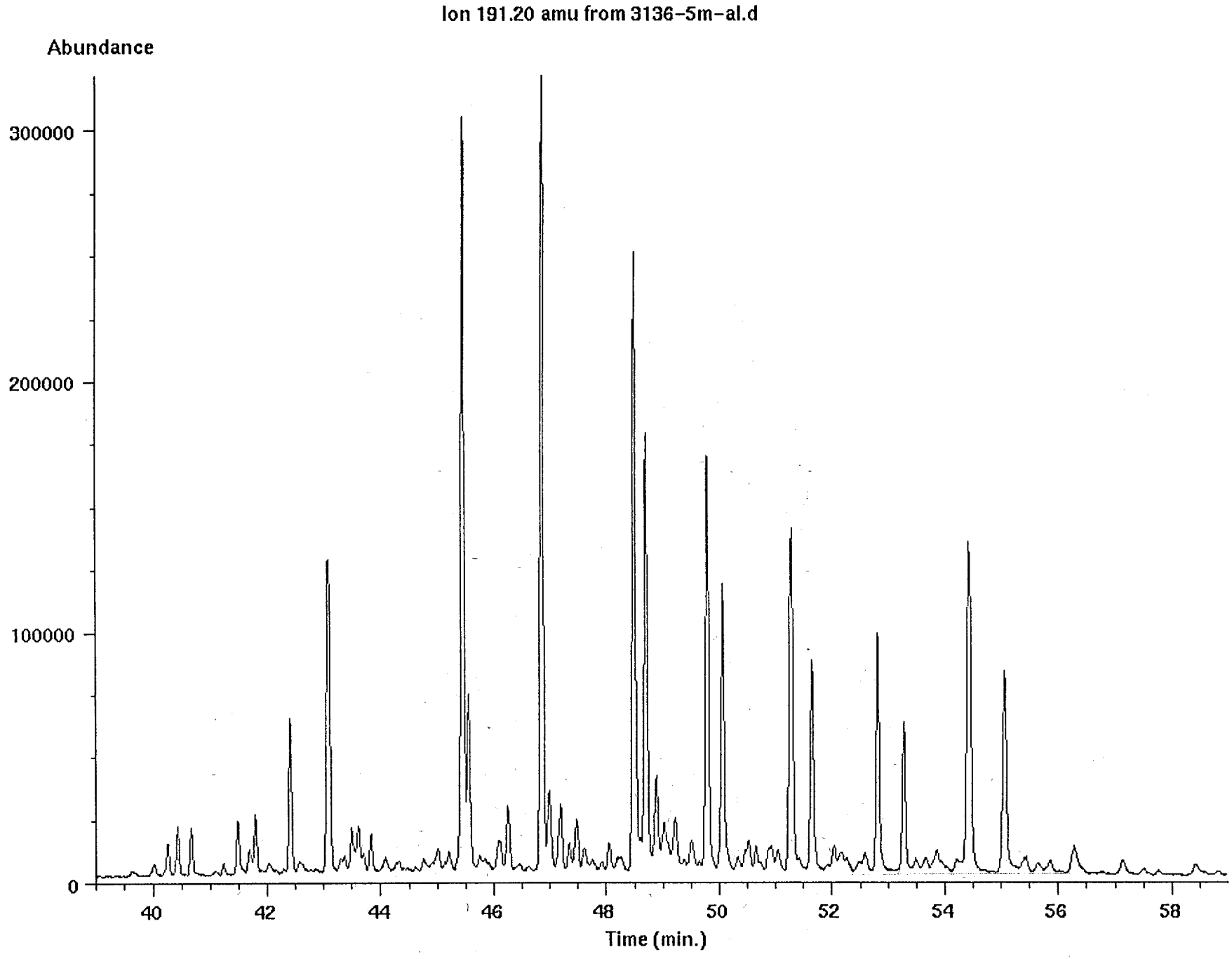
Date : Fri Jan 09 98 07:53:06 PM
Instrment: HP5971
Inlet : GC

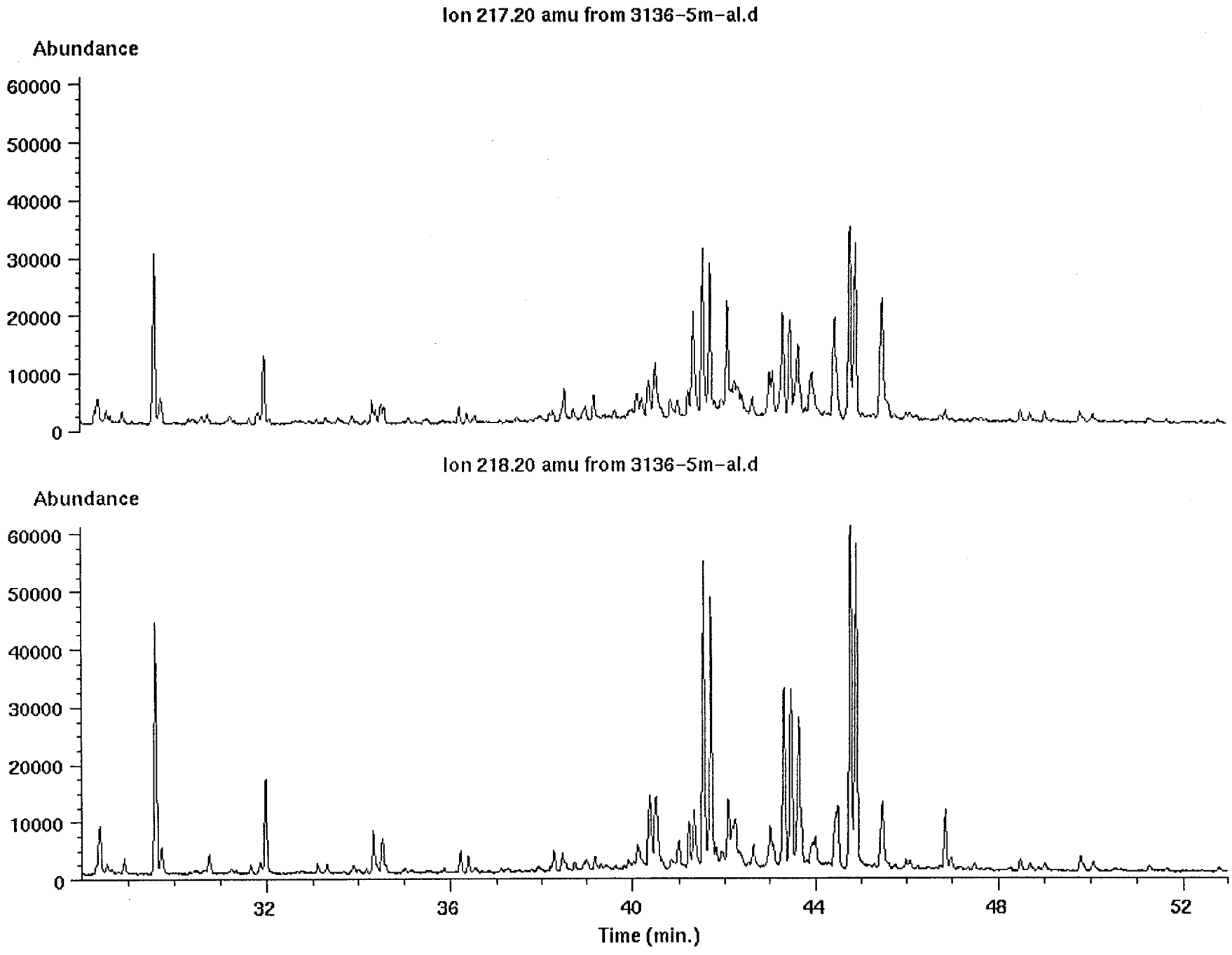
Sequence index : 0
Als bottle num : 6
Replicate num : 1

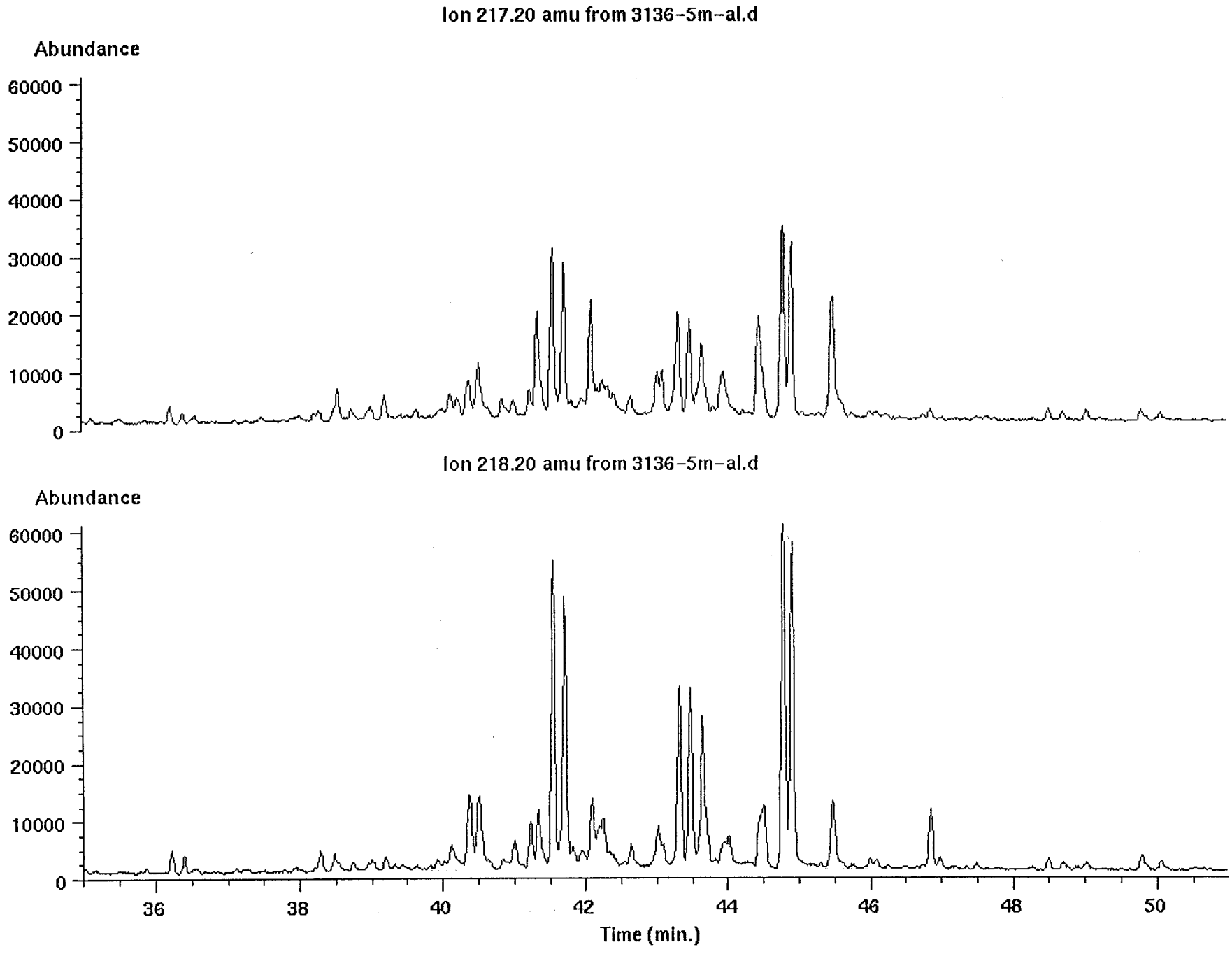

TIC of 3136-5m-al.d
Abundance
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

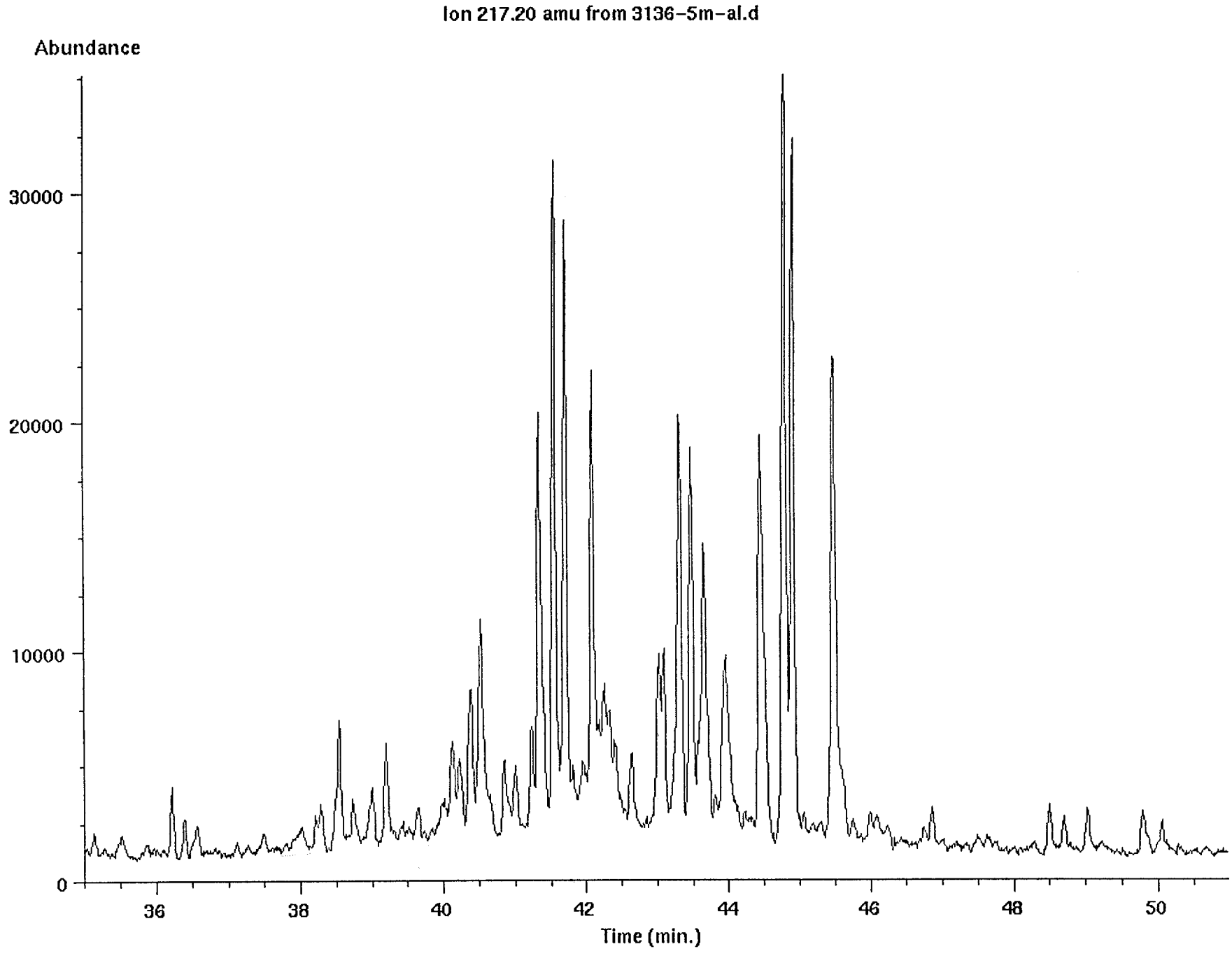

Ion 71.20 amu from 3136-5m-al.d
Abundance
4000000
3000000
2000000
1000000
0
10
20
30
40
50
Time (min.)

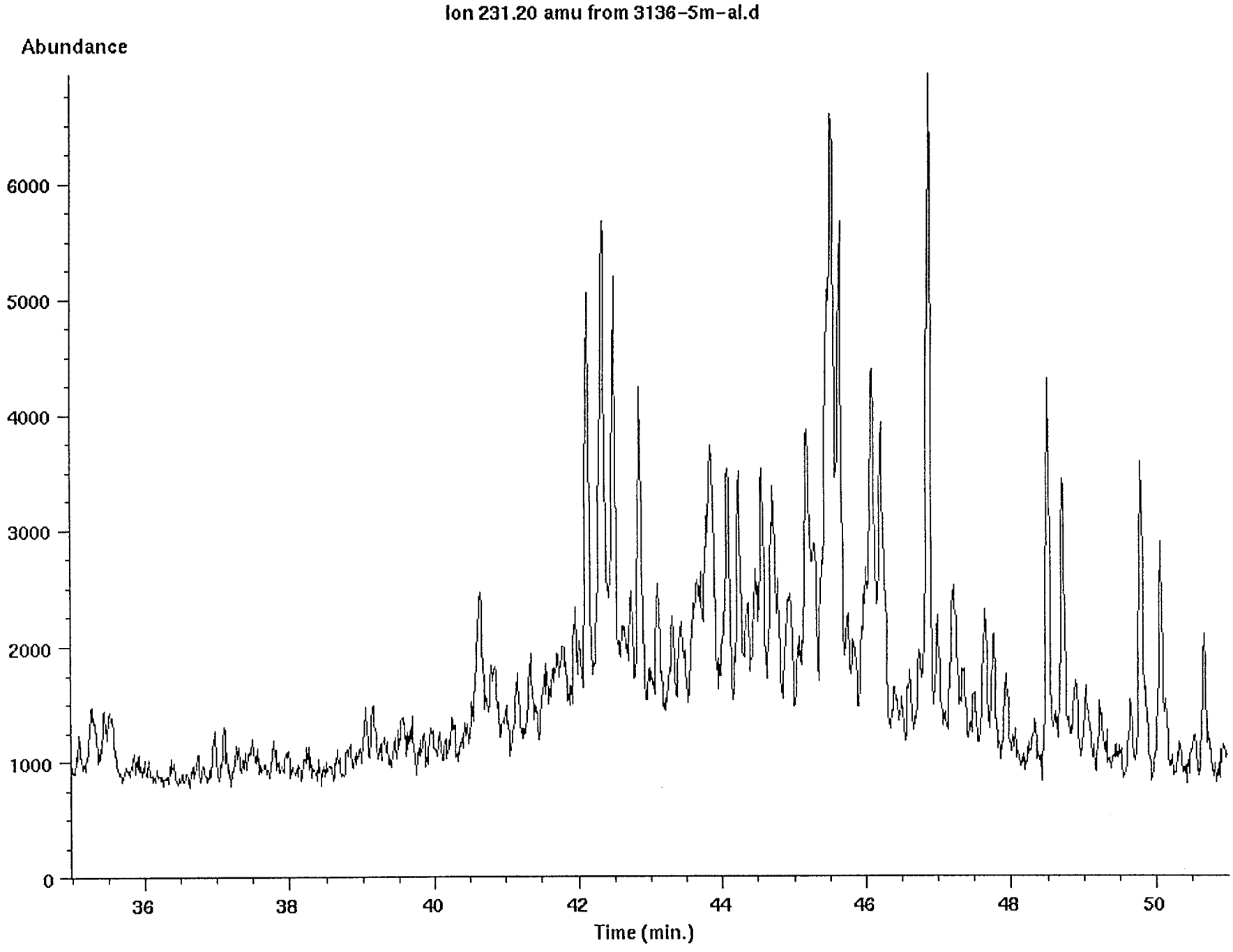

Ion 191.20 amu from 3136-5m-al.d
Abundance
300000
200000
100000
0
30
40
50
Time (min.)

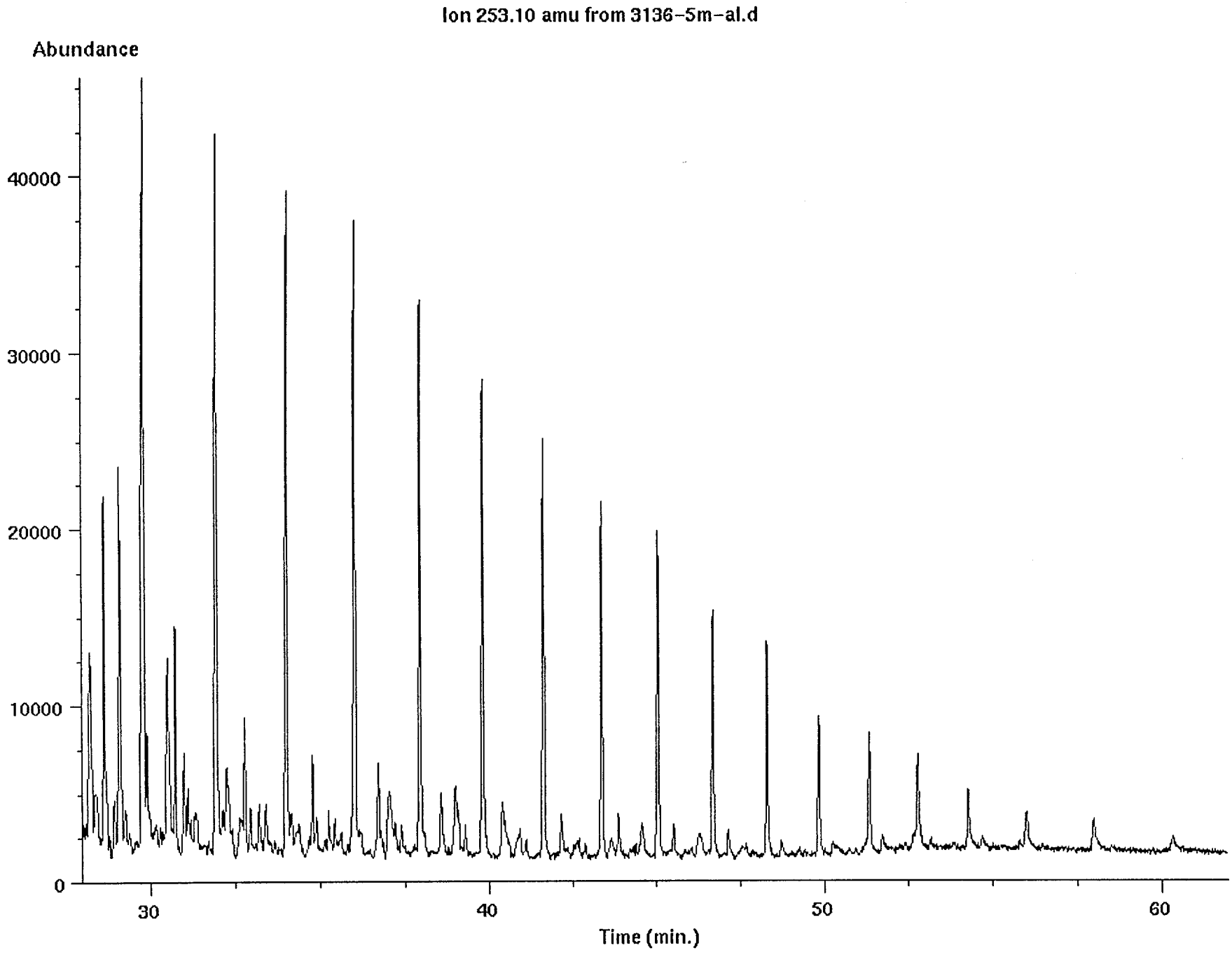

Ion 191.20 amu from 3136-5m-al.d
Abundance
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

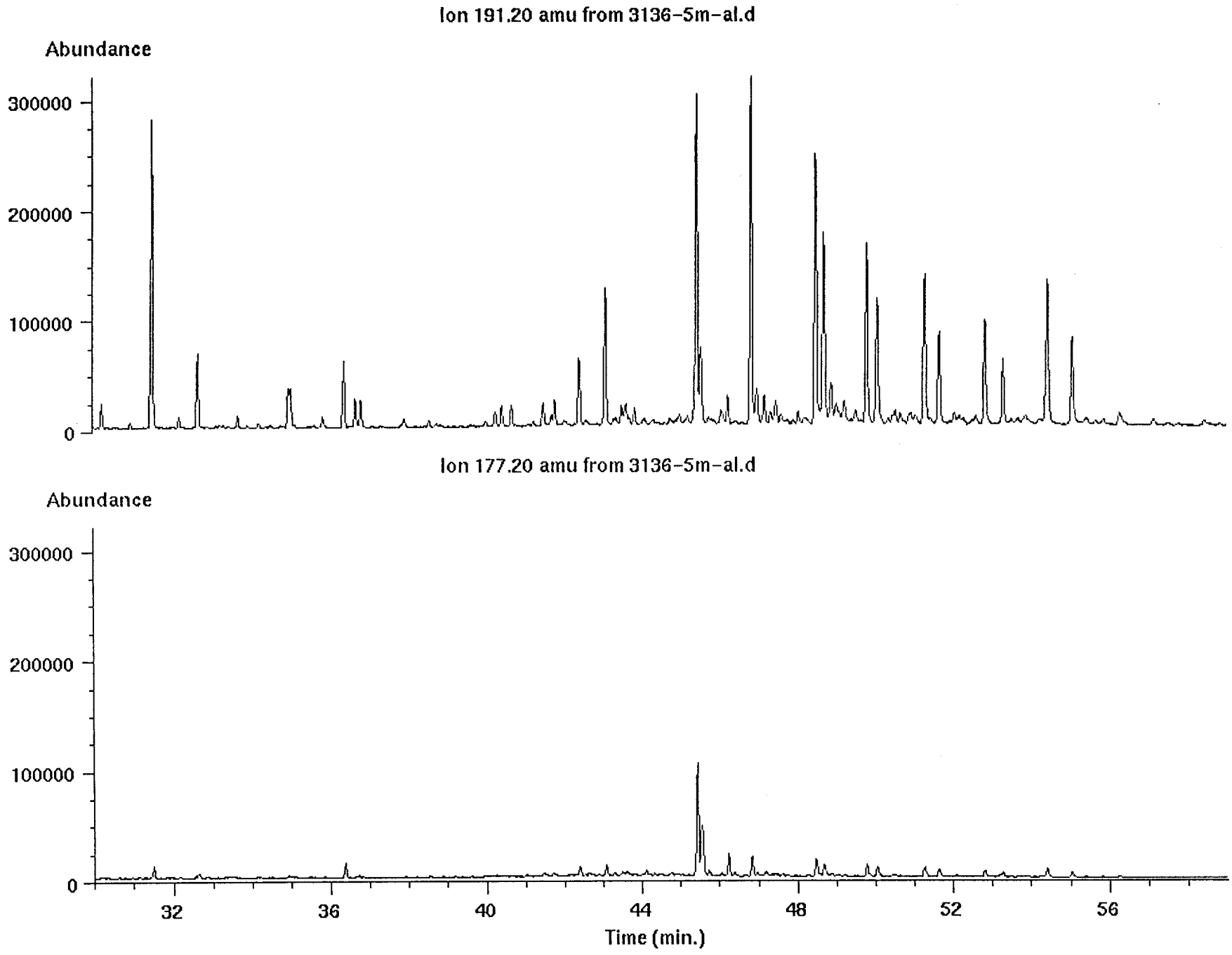

Ion 217.20 amu from 3136-5m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3136-5m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3136-5m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3136-5m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3136-5m-al.d
Abundance
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from 3136-5m-al.d
Abundance
6000
5000
4000
3000
2000
1000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3136-5m-al.d
Abundance
40000
30000
20000
10000
0
30
40
50
60
Time (min.)


Ion 191.20 amu from 3136-5m-al.d
Abundance
300000
200000
100000
0
Ion 177.20 amu from 3136-5m-al.d
Abundance
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

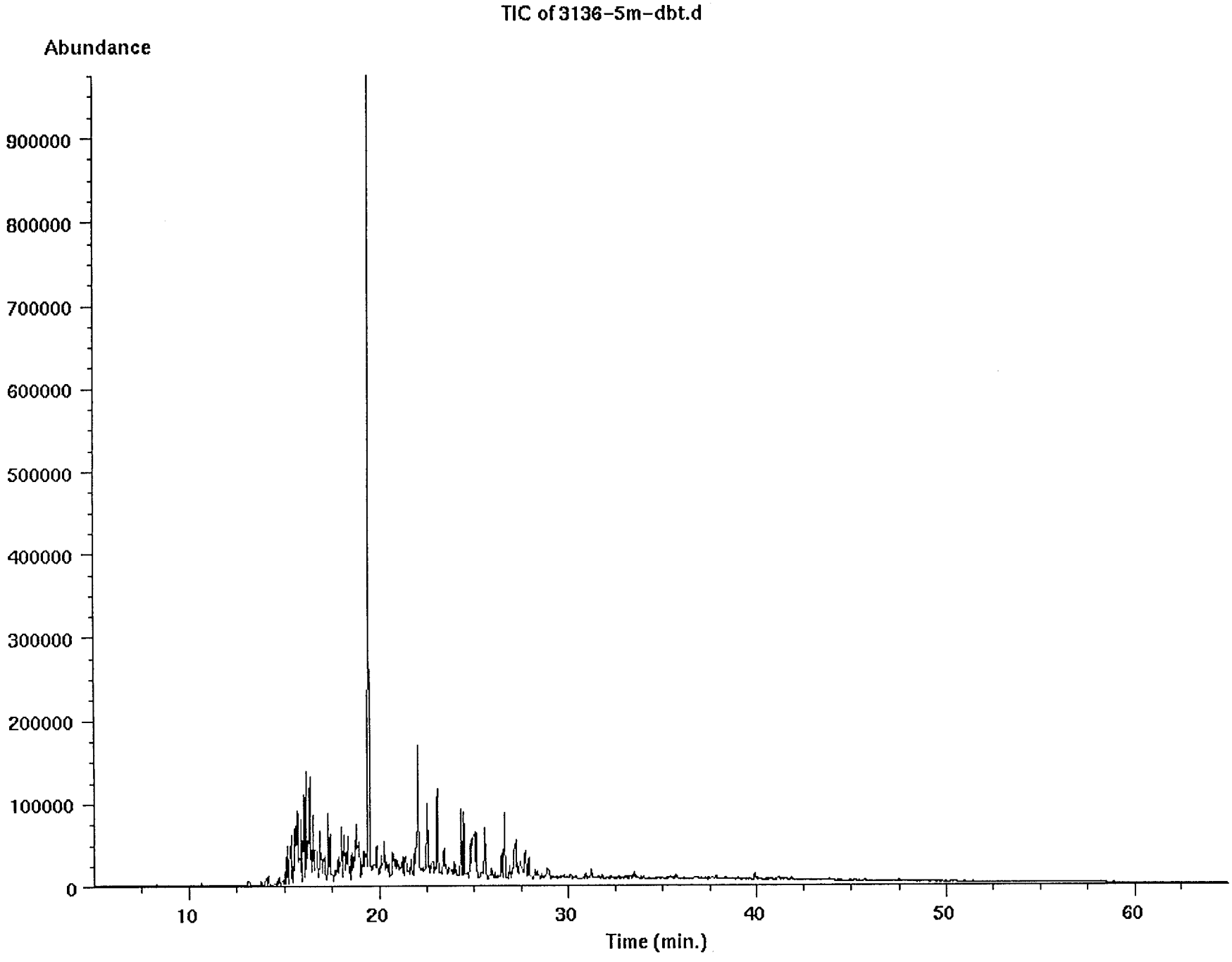
970536
09

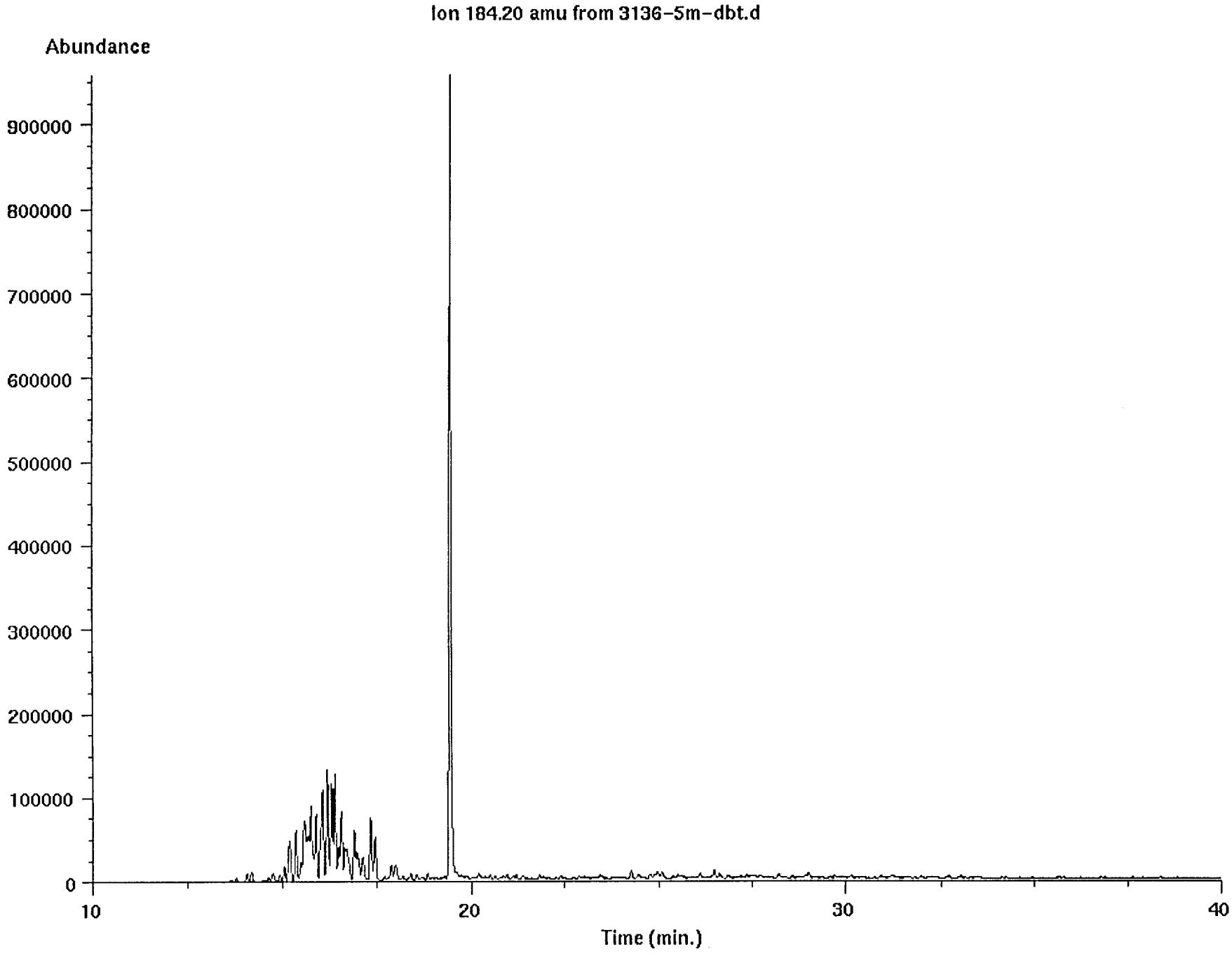
Data file: /chem/data2/chem/hp/Wessel/3136-5m-dbt.d
File type: GC / MS DATA FILE

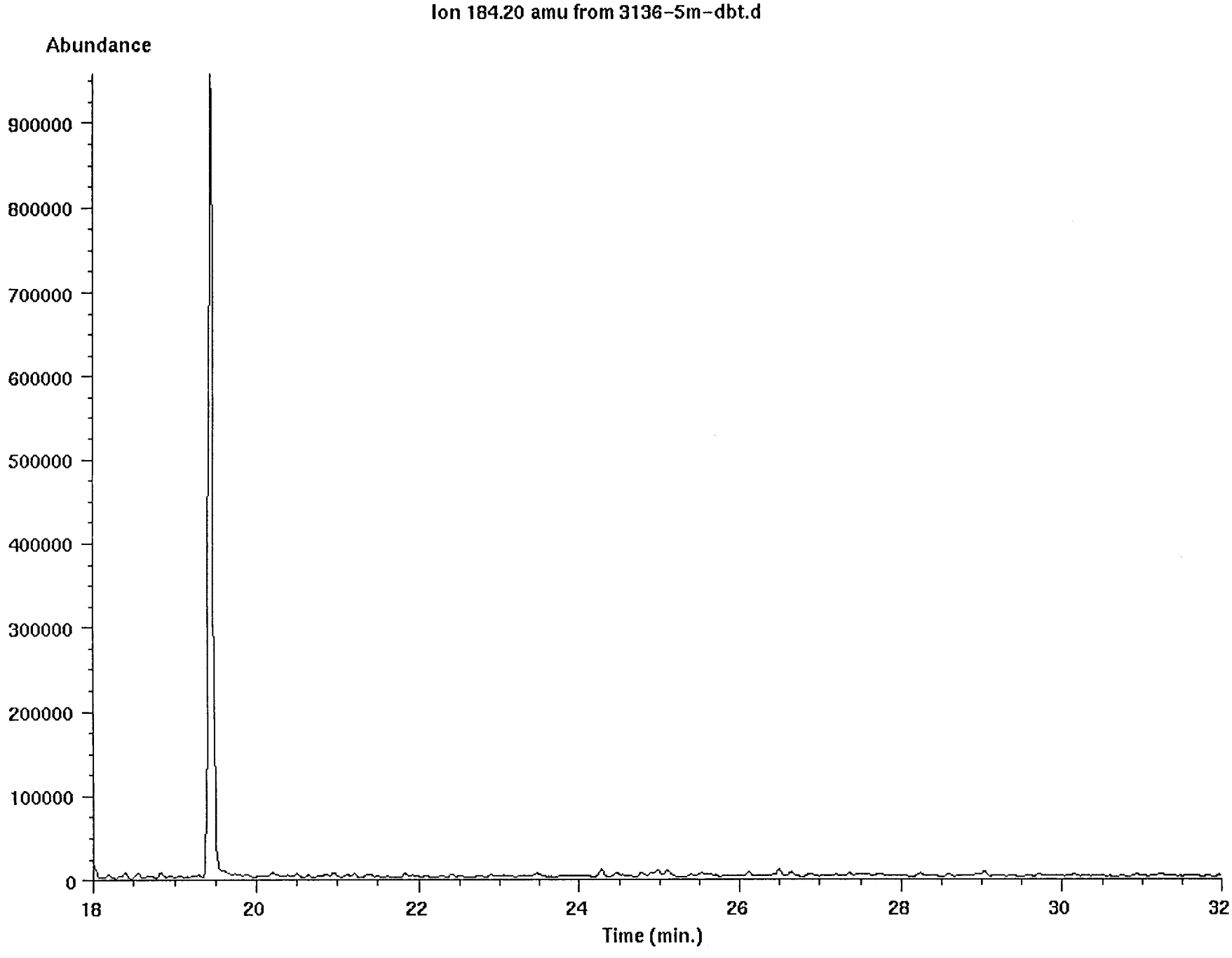
Name Info: Wessel 3136.5 ar
Misc Info:
Operator : PN

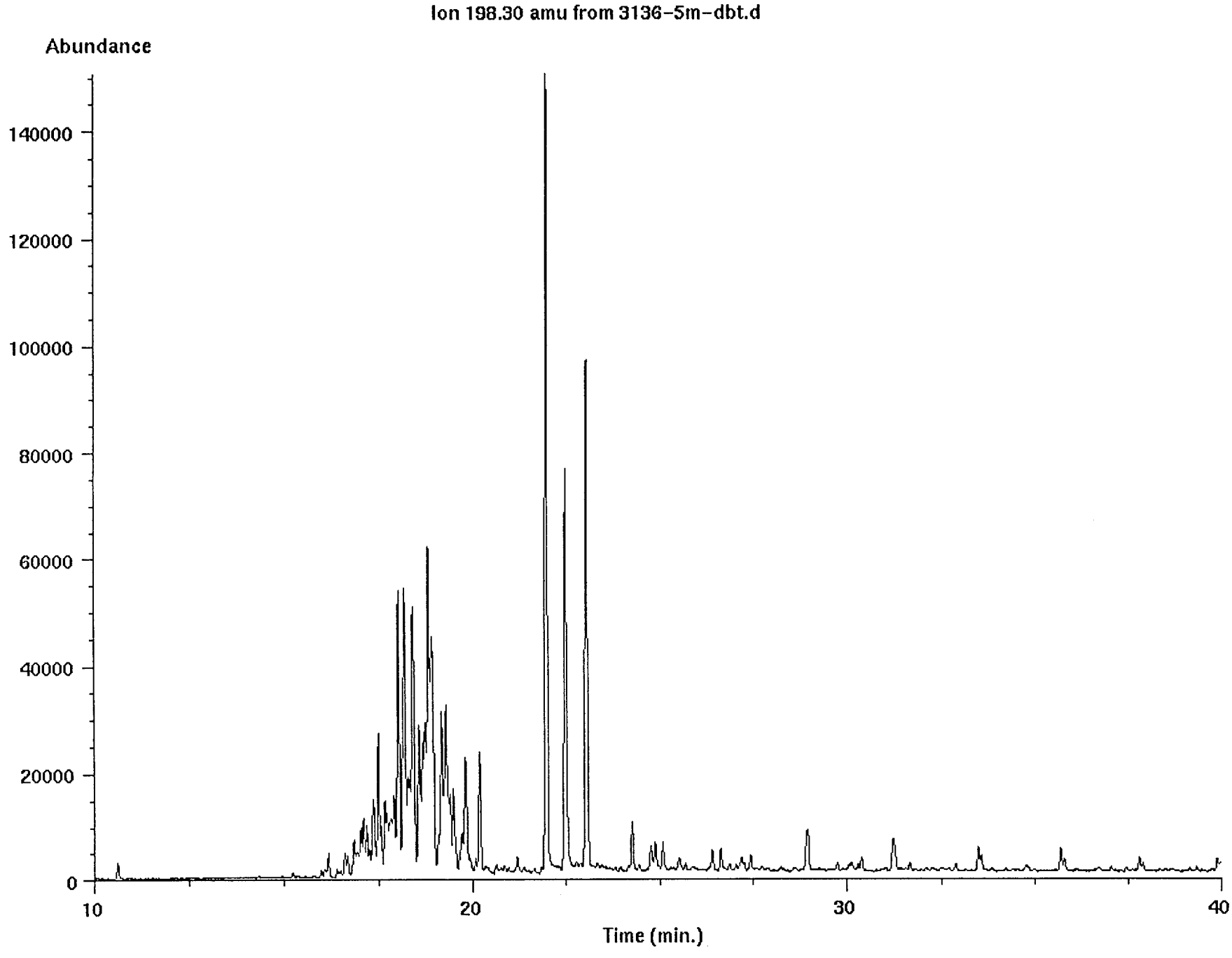
Date : Wed Jan 14 98 02:16:32 AM
Instrment: HP5971
Inlet : GC

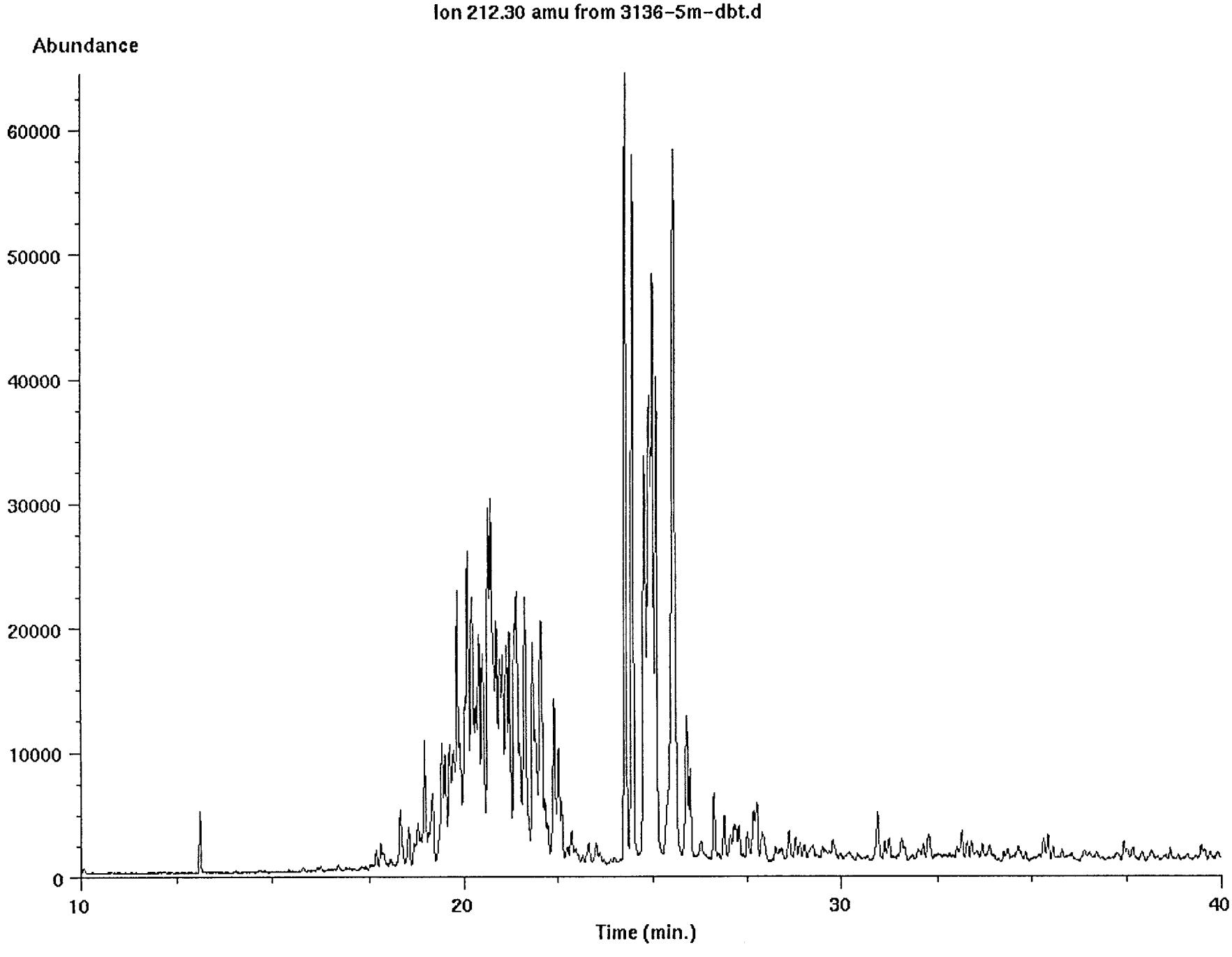
Sequence index : 3
Als bottle num : 9
Replicate num : 1

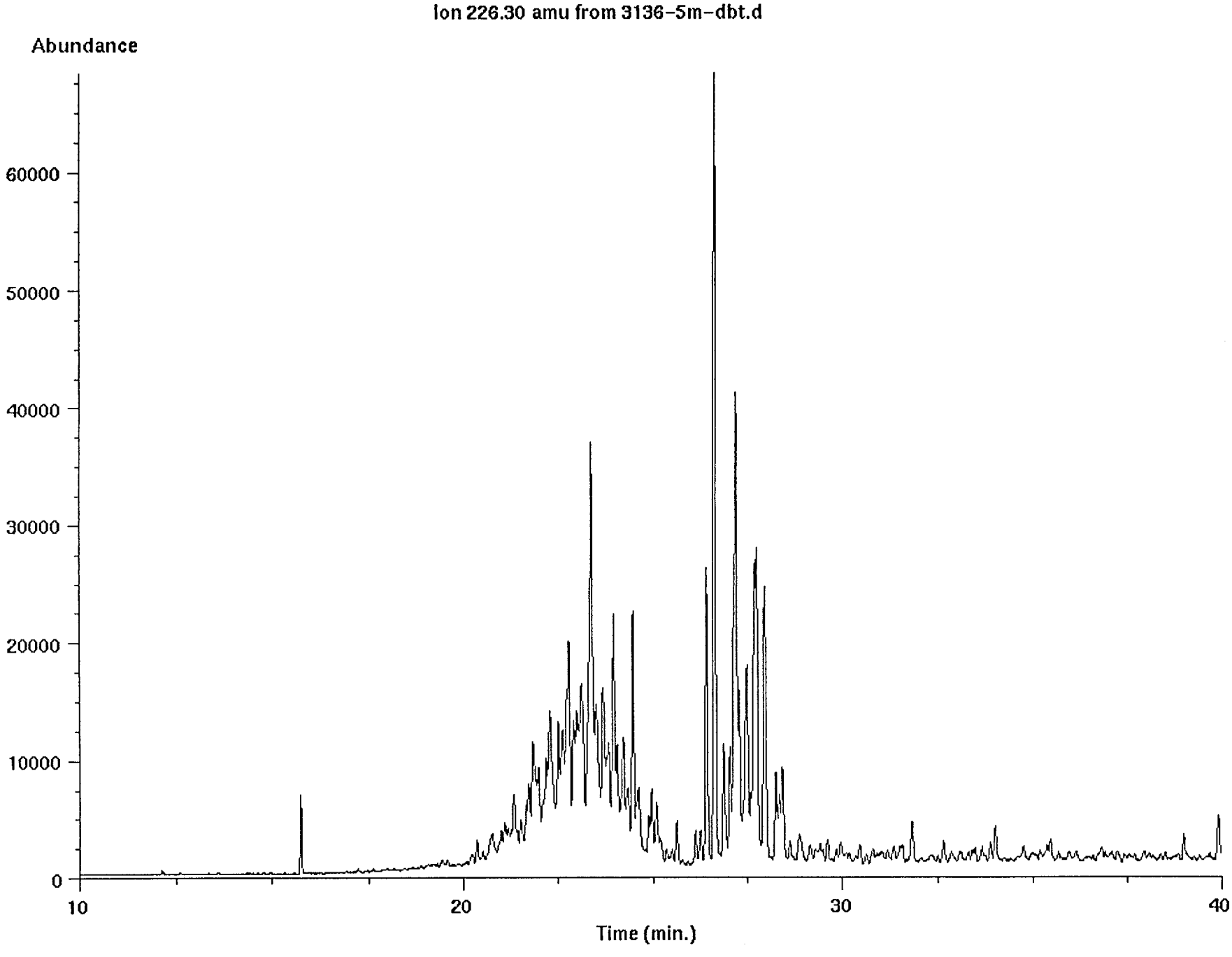

TIC of 3136-5m-dbt.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

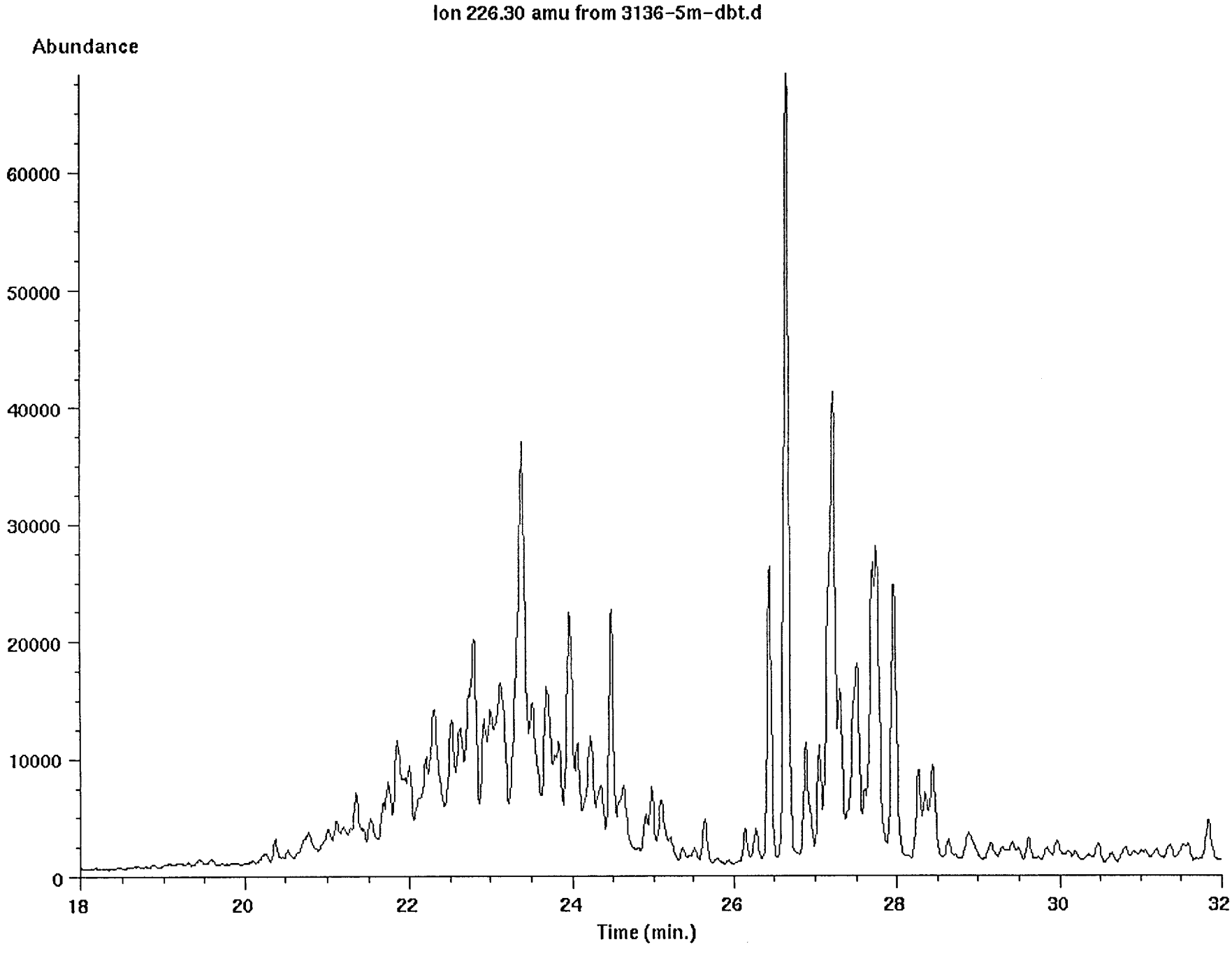

Ion 184.20 amu from 3136-5m-dbt.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
10
20
30
40
Time (min.)

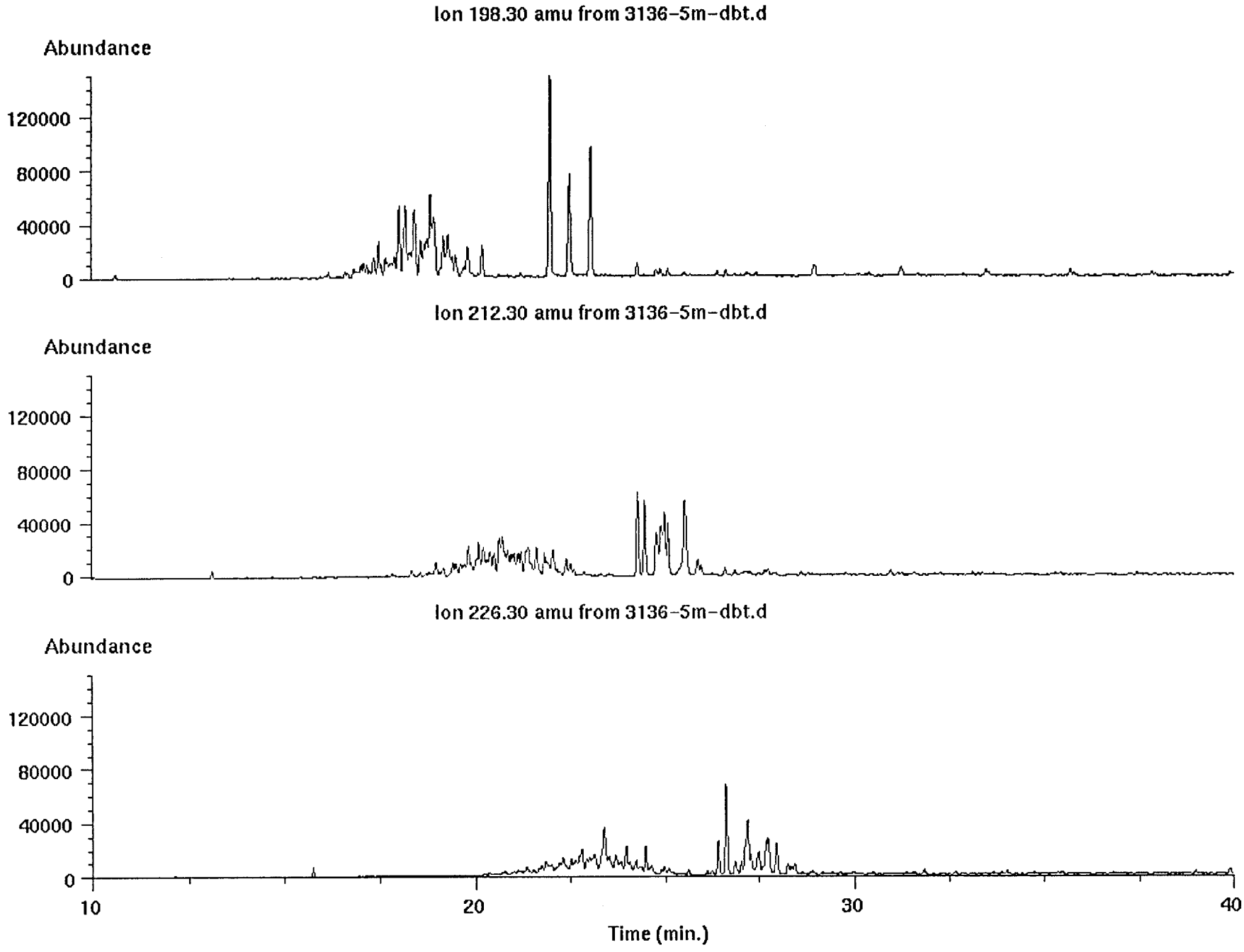

Ion 184.20 amu from 3136-5m-dbt.d
Abundance
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
18
20
22
24
26
28
30
32
Time (min.)

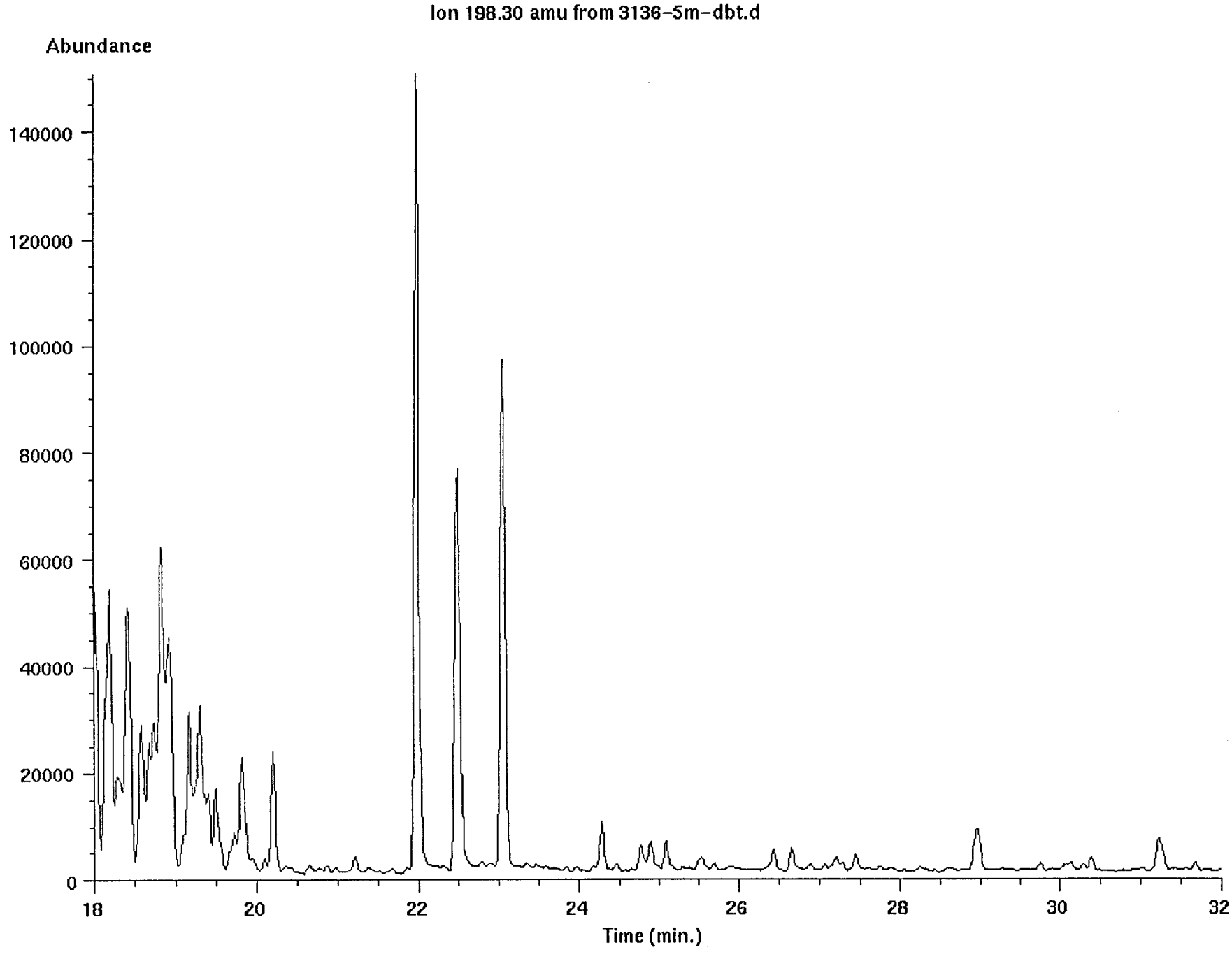

Ion 198.30 amu from 3136-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)

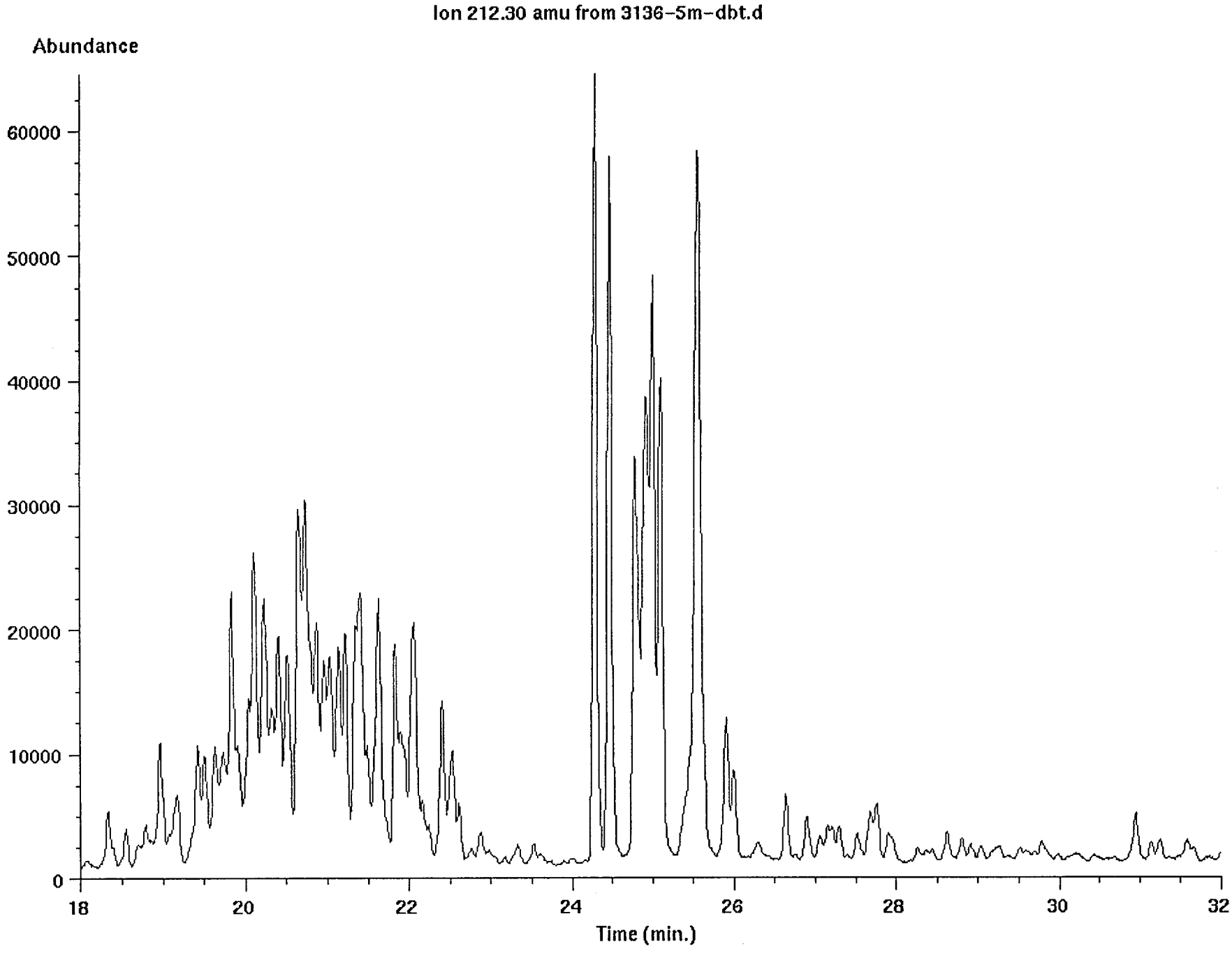

Ion 212.30 amu from 3136-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

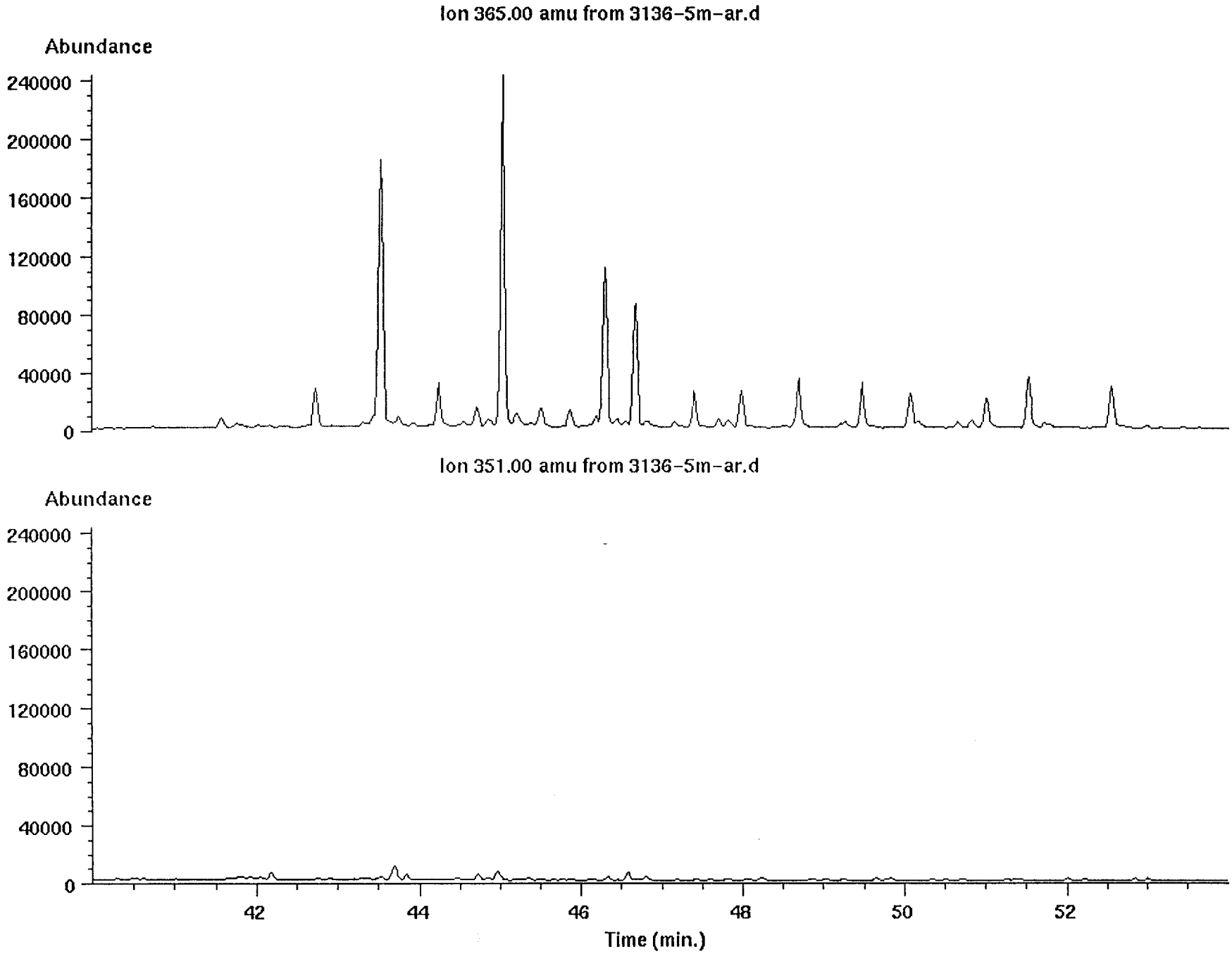

Ion 226.30 amu from 3136-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3136-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3136-5m-dbt.d
Abundance
120000
80000
40000
0
Ion 212.30 amu from 3136-5m-dbt.d
Abundance
120000
80000
40000
0
Ion 226.30 amu from 3136-5m-dbt.d
Abundance
120000
80000
40000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3136-5m-dbt.d
Abundance
140000
120000
100000
80000
60000
40000
20000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3136-5m-dbt.d
Abundance
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)

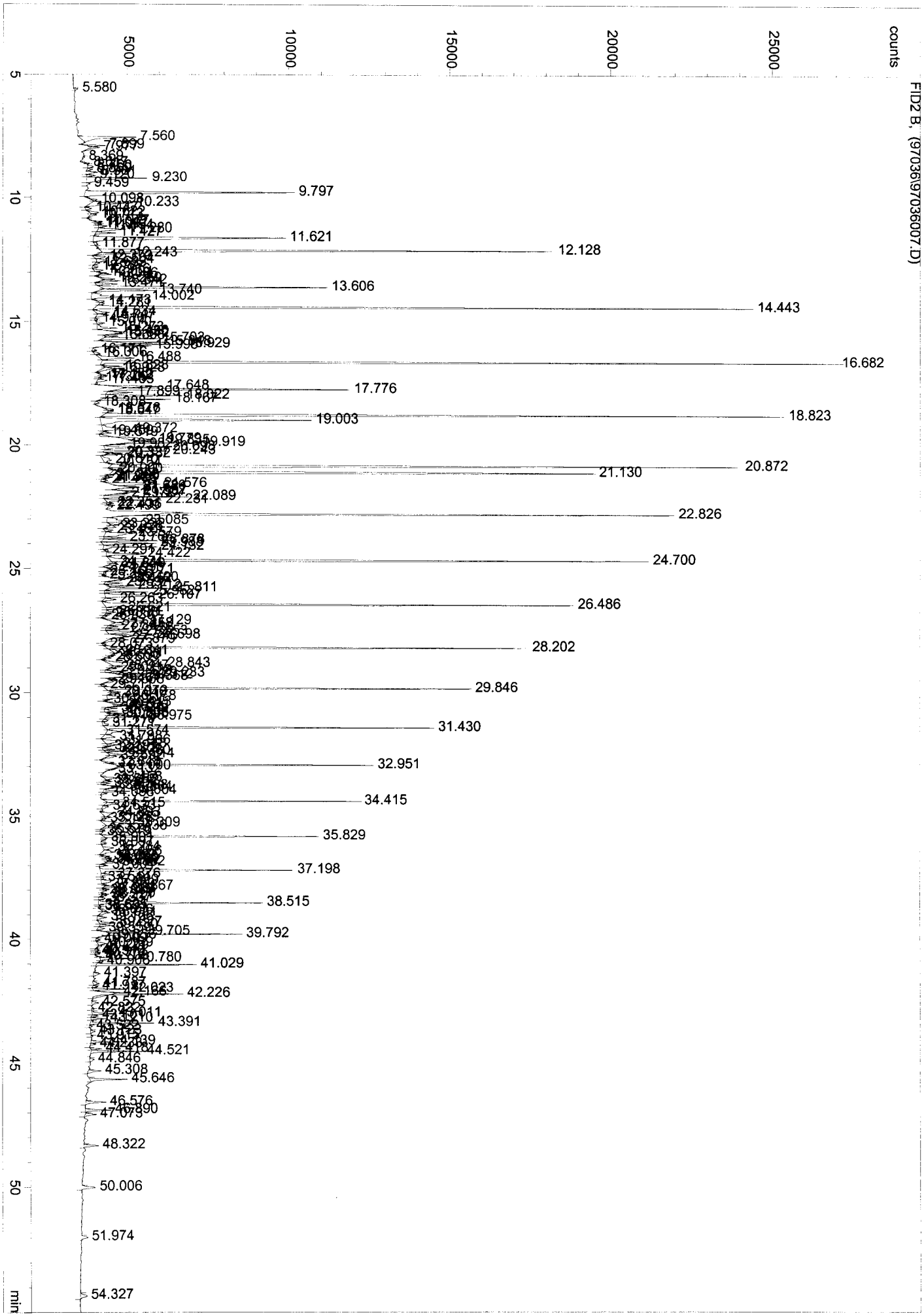

Ion 365.00 amu from 3136-5m-ar.d
Abundance
240000
200000
160000
120000
80000
40000
0
Ion 351.00 amu from 3136-5m-ar.d
Abundance
240000
200000
160000
120000
80000
40000
0
42
44
46
48
50
52
Time (min.)

97036-05, WESSEL-1, CORE 2, 3141.0 M, AMERADA HESS, GRO
VKNUST, ALI: 4.3 MG, KØRT d. 16. DECEMBER 1997.

==========

Injection Date	: 16-12-97 14:47:04	Seq. Line :	1
Sample Name	: 3141.0 M	Vial :	1
Acq. Operator	: DD	Inj :	1
		Inj Volume :	1 µl
Acq. Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		
Analysis Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 28-04-98 15:39:29 by per (modified after loading)		

Metode baseret på Norsk Industristandard


5000
10000
15000
20000
25000
counts
FID2 B, (97036\97036007.D)
5.580
7.560
9.230
9.459
9.797
10.233
11.621
11.877
12.128
13.606
14.002
14.443
16.682
17.648
17.776
18.823
19.003
20.872
21.130
22.826
24.700
26.486
28.202
28.843
29.846
31.430
32.951
34.415
35.829
37.198
38.515
39.792
41.029
42.226
43.391
44.521
44.846
45.308
45.646
46.576
47.078
48.322
50.006
51.974
54.327
min

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	5.580	PBA	0.0953	1050.89319	137.28407	0.07961
2	7.560	PBA	0.0698	9171.86133	1789.27698	0.69483
3	7.899	PB	0.0387	1523.40320	619.00183	0.11541
4	7.977	VB	0.0567	1128.18958	275.99673	0.08547
5	8.369	PBA	0.1654	870.27612	64.52171	0.06593
6	8.617	PB	0.0378	367.49377	159.82811	0.02784
7	8.760	VB	0.0566	776.60419	178.96637	0.05883
8	8.869	VB	0.0404	549.89960	181.44817	0.04166
9	8.981	VB	0.0547	1393.05530	363.80585	0.10553
10	9.120	VB	0.0407	762.38013	289.56274	0.05776
11	9.230	VB	0.0637	8943.91895	1907.05933	0.67757
12	9.459	VBA	0.1137	1150.53040	120.13181	0.08716
13	9.797	PB	0.0665	3.03333e4	6493.29590	2.29796
14	10.098	VB	0.0573	823.64105	198.85521	0.06240
15	10.233	VB	0.0634	6081.19580	1281.50159	0.46069
16	10.447	VB	0.0481	732.52618	213.20226	0.05549
17	10.622	VB	0.0543	1174.16736	283.48563	0.08895
18	10.713	VB	0.0526	768.80450	196.55183	0.05824
19	10.977	VB	0.0267	394.96854	246.36580	0.02992
20	11.042	VB	0.0281	182.59668	101.05431	0.01383
21	11.091	VB	0.0244	144.43010	96.89268	0.01094
22	11.154	VB	0.0380	680.78516	274.28894	0.05157
23	11.280	VB	0.0606	3602.57715	847.64941	0.27292
24	11.427	VB	0.0430	1810.65674	622.10809	0.13717
25	11.621	VB	0.0640	2.65817e4	5959.26025	2.01375
26	11.877	VB	0.0684	559.73834	104.63902	0.04240
27	12.128	VB	0.0528	4.92910e4	1.40786e4	3.73415
28	12.243	VB	0.0433	2691.13062	973.38678	0.20387

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	12.373	VB	0.0568	1682.22852	394.31512	0.12744
30	12.504	VB	0.0669	1650.90173	350.78003	0.12507
31	12.633	VB	0.0485	420.19366	127.19024	0.03183
32	12.787	VB	0.0412	496.98776	180.28505	0.03765
33	12.916	VB	0.0490	1006.99738	294.04111	0.07629
34	13.021	VB	0.0317	384.76370	197.81607	0.02915
35	13.086	VB	0.0431	946.65729	355.48688	0.07172
36	13.269	VB	0.0603	1610.52698	373.42181	0.12201
37	13.342	VB	0.0409	1589.93665	563.85040	0.12045
38	13.471	VB	0.0493	2278.88696	677.06012	0.17264
39	13.606	VB	0.0507	2.27079e4	7021.61182	1.72029
40	13.740	VB	0.0527	6063.16650	1738.53894	0.45933
41	14.002	VB	0.0614	7666.59961	1740.10107	0.58080
42	14.173	VB	0.0421	764.80444	254.26587	0.05794
43	14.281	VB	0.0396	492.25958	161.51352	0.03729
44	14.443	VB	0.0480	6.47417e4	2.04180e4	4.90465
45	14.634	VB	0.0638	1902.50317	428.71066	0.14413
46	14.747	VB	0.0558	1496.69763	372.72150	0.11339
47	14.910	VB	0.0333	249.94063	99.40635	0.01893
48	15.070	VB	0.0453	887.50024	256.77032	0.06723
49	15.273	VB	0.0553	2324.66162	625.88202	0.17611
50	15.426	VB	0.0548	820.89661	204.66223	0.06219
51	15.480	VB	0.0264	125.19547	75.29119	0.00948
52	15.512	VB	0.0367	502.27936	227.65904	0.03805
53	15.603	VB	0.0387	996.50867	419.60709	0.07549
54	15.703	VB	0.0534	6331.95264	1703.63855	0.47969
55	15.848	VB	0.0403	3622.71069	1496.06177	0.27445
56	15.929	VB	0.0366	4110.77002	1870.75879	0.31142
57	15.995	VB	0.0323	2360.40942	1234.20691	0.17882
58	16.171	VB	0.0431	439.47510	146.10081	0.03329
59	16.306	VB	0.0575	830.27661	195.57182	0.06290
60	16.488	VB	0.0627	5319.94385	1076.17590	0.40302
61	16.682	VB	0.0442	7.29187e4	2.28456e4	5.52412
62	16.828	VB	0.0352	1229.60400	568.51794	0.09315
63	16.928	VB	0.0643	2212.93579	466.81174	0.16765
64	17.182	VB	0.0485	562.58759	158.25168	0.04262
65	17.242	VB	0.0314	416.46338	199.29097	0.03155
66	17.309	VB	0.0324	176.02957	87.88031	0.01334
67	17.403	VB	0.0650	1482.93066	298.45502	0.11234
68	17.648	VB	0.0502	4951.04541	1510.39148	0.37508
69	17.776	VB	0.0527	2.31930e4	7181.87891	1.75704
70	17.899	VB	0.0478	2710.44531	814.50793	0.20534
71	18.022	VB	0.0480	7985.93457	2388.55298	0.60499
72	18.167	VB	0.0435	6022.99658	2161.02173	0.45629
73	18.308	VB	0.0453	477.04346	138.02881	0.03614
74	18.576	VB	0.0478	920.21295	234.65498	0.06971
75	18.647	VB	0.0285	301.93631	172.14690	0.02287
76	18.823	VB	0.0475	6.98521e4	2.11429e4	5.29180
77	19.003	VB	0.0662	2.75732e4	6537.43799	2.08887

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	19.372	VB	0.0771	5038.38037	875.85077	0.38169
79	19.459	VB	0.0251	151.57430	97.92043	0.01148
80	19.519	VB	0.0336	716.99573	302.70175	0.05432
81	19.779	VB	0.0521	2942.72754	778.14618	0.22293
82	19.835	VB	0.0318	1582.55579	847.19244	0.11989
83	19.919	VB	0.0442	6014.89307	2246.34692	0.45567
84	19.982	VB	0.0274	723.11224	458.66125	0.05478
85	20.098	VB	0.0427	5579.85742	1990.57617	0.42271
86	20.243	VB	0.0375	4749.41455	2013.02026	0.35980
87	20.327	VB	0.0309	860.93359	479.96713	0.06522
88	20.382	VB	0.0303	1078.78430	541.29480	0.08173
89	20.610	VB	0.1079	2253.47290	265.85654	0.17072
90	20.754	VB	0.0332	225.95985	118.86505	0.01712
91	20.872	VB	0.0464	6.27325e4	1.95793e4	4.75244
92	20.990	VB	0.0334	281.05371	129.17413	0.02129
93	21.130	VB	0.0544	5.97692e4	1.50294e4	4.52794
94	21.208	VB	0.0317	329.63510	169.31876	0.02497
95	21.280	VB	0.0297	418.11908	224.40398	0.03168
96	21.328	VB	0.0248	243.47559	150.73845	0.01845
97	21.412	VB	0.0409	607.20300	215.49751	0.04600
98	21.576	VB	0.0642	7141.10596	1510.05933	0.54099
99	21.680	VB	0.0318	611.64893	327.14716	0.04634
100	21.721	VB	0.0221	390.09009	322.71066	0.02955
101	21.852	VB	0.0316	976.90155	483.76505	0.07401
102	21.907	VB	0.0390	961.66986	416.15939	0.07285
103	21.972	VB	0.0237	526.24506	347.63928	0.03987
104	22.089	VB	0.0402	6833.07764	2635.55981	0.51765
105	22.231	VB	0.0402	4505.09326	1738.12000	0.34129
106	22.357	VB	0.0311	412.28091	217.28500	0.03123
107	22.435	VB	0.0332	414.79675	208.17073	0.03142
108	22.499	VB	0.0507	501.72324	128.08612	0.03801
109	22.826	VB	0.0414	4.55518e4	1.64099e4	3.45087
110	23.085	VB	0.0656	5321.54248	1078.70874	0.40315
111	23.232	VB	0.0341	551.93805	247.18079	0.04181
112	23.328	VB	0.0511	1104.40942	292.24374	0.08367
113	23.451	VB	0.0449	839.20984	265.58459	0.06358
114	23.579	VB	0.0836	5633.85693	905.51495	0.42681
115	23.766	VB	0.0367	1706.63171	694.25592	0.12929
116	23.878	VB	0.0483	5664.78125	1724.71826	0.42915
117	23.988	VB	0.0428	4749.70850	1688.63586	0.35982
118	24.132	VB	0.0417	4670.02588	1667.99548	0.35379
119	24.291	VB	0.0373	266.51724	99.28223	0.02019
120	24.422	VB	0.0540	4351.90967	1153.98975	0.32969
121	24.700	VB	0.0427	5.39193e4	1.66805e4	4.08478
122	24.774	VB	0.0311	279.70163	120.32996	0.02119
123	24.840	VB	0.0420	888.84161	265.79614	0.06734
124	24.995	VB	0.0393	678.15179	279.10568	0.05137
125	25.071	VB	0.0440	1719.02832	590.71393	0.13023
126	25.165	VBA	0.1576	1150.49805	87.95493	0.08716

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	25.295	PB	0.0224	165.97716	111.41393	0.01257
128	25.400	VB	0.0387	1136.89966	446.61481	0.08613
129	25.452	VB	0.0738	823.14062	143.69011	0.06236
130	25.597	VB	0.0364	1421.13635	545.53418	0.10766
131	25.712	VB	0.0454	2231.85327	802.59308	0.16908
132	25.811	VB	0.0412	5295.29980	1916.32898	0.40116
133	25.952	VB	0.0373	3168.69067	1355.70520	0.24005
134	26.107	VB	0.0649	7632.90186	1538.95764	0.57825
135	26.263	VB	0.0581	1611.48401	383.24347	0.12208
136	26.486	VB	0.0431	4.50673e4	1.45622e4	3.41417
137	26.621	VB	0.0432	1532.02686	555.37219	0.11606
138	26.771	VB	0.0391	825.15979	282.36099	0.06251
139	26.838	VB	0.0345	420.72394	178.54480	0.03187
140	26.930	VB	0.0410	432.47049	136.47519	0.03276
141	27.129	VB	0.0669	5273.16162	1026.84949	0.39948
142	27.258	VB	0.0564	1864.09937	458.39301	0.14122
143	27.344	VB	0.0401	882.76111	330.91583	0.06688
144	27.455	VB	0.0392	1628.70776	674.10913	0.12339
145	27.553	VB	0.0590	4367.15869	1061.62573	0.33084
146	27.698	VB	0.0349	2258.28442	1019.21136	0.17108
147	27.746	VB	0.0292	427.87521	190.66707	0.03241
148	27.879	VB	0.0626	3008.42920	631.46582	0.22791
149	28.073	VB	0.0467	310.95639	104.49628	0.02356
150	28.202	VB	0.0405	3.86857e4	1.30716e4	2.93072
151	28.341	VB	0.0665	1572.92773	293.74808	0.11916
152	28.421	VB	0.0459	301.86319	84.00263	0.02287
153	28.530	VB	0.0288	277.13126	148.45761	0.02099
154	28.609	VB	0.0363	571.64569	220.46030	0.04331
155	28.843	VB	0.0692	8975.47266	1656.45312	0.67996
156	28.947	VB	0.0329	635.93701	298.04572	0.04818
157	29.021	VB	0.0327	457.98199	245.99281	0.03470
158	29.138	VB	0.0385	1536.74902	629.02521	0.11642
159	29.233	VB	0.0386	3204.86890	1355.61182	0.24279
160	29.312	VB	0.0361	1386.92383	644.73706	0.10507
161	29.368	VB	0.0272	1160.12878	639.45367	0.08789
162	29.461	VB	0.0258	193.47491	108.35430	0.01466
163	29.508	VB	0.0703	1150.16882	208.84801	0.08713
164	29.711	VB	0.0351	381.91736	158.78430	0.02893
165	29.846	VB	0.0445	3.25534e4	1.13274e4	2.46616
166	29.972	VB	0.0327	666.60010	314.62097	0.05050
167	30.040	VB	0.0323	717.44434	295.84607	0.05435
168	30.178	VB	0.0625	3387.92603	687.59076	0.25666
169	30.295	VB	0.0359	276.77994	124.79173	0.02097
170	30.413	VB	0.0483	1751.00684	460.86777	0.13265
171	30.511	VB	0.0224	263.04327	176.15979	0.01993
172	30.556	VB	0.0268	423.47540	227.11992	0.03208
173	30.636	VB	0.0338	803.99646	377.71255	0.06091
174	30.748	VB	0.0414	1177.91418	411.28848	0.08924
175	30.836	VB	0.0332	878.87885	423.46539	0.06658

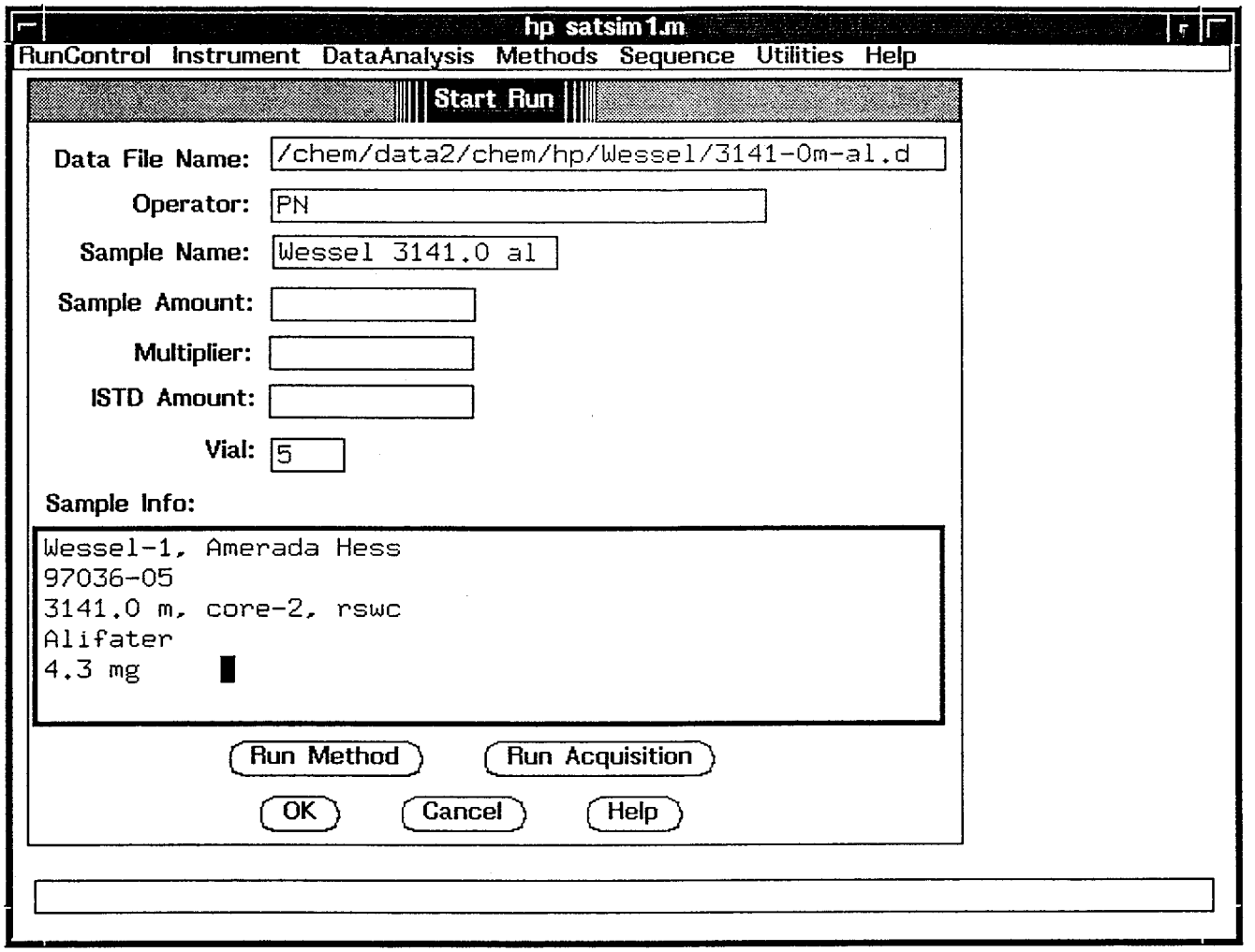
Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
176	30.896	VB	0.0342	800.96887	385.60031	0.06068
177	30.975	VB	0.0374	2801.15186	1193.21838	0.21221
178	31.110	VB	0.0427	526.28058	158.63338	0.03987
179	31.271	VB	0.0616	945.11481	194.86166	0.07160
180	31.430	VB	0.0436	2.93394e4	1.01791e4	2.22267
181	31.574	VB	0.0598	2209.05957	478.93744	0.16735
182	31.798	VB	0.0721	2218.70166	403.69571	0.16808
183	31.966	VB	0.0676	3486.50269	629.46674	0.26413
184	32.118	VB	0.0292	889.29791	395.73141	0.06737
185	32.191	VB	0.0345	340.91068	155.75075	0.02583
186	32.301	VB	0.0426	1032.26880	381.20612	0.07820
187	32.380	VB	0.0390	1359.75610	588.36218	0.10301
188	32.514	VB	0.0431	1685.79016	576.85809	0.12771
189	32.592	VB	0.0573	1274.98706	268.80084	0.09659
190	32.848	VB	0.0313	582.71704	249.36525	0.04415
191	32.951	VB	0.0427	2.23245e4	7955.62695	1.69124
192	33.000	VB	0.0712	639.07361	109.33663	0.04841
193	33.132	VBA	0.0946	1143.69067	150.64421	0.08664
194	33.458	PB	0.0563	1455.04993	374.58371	0.11023
195	33.555	VB	0.0217	143.88615	106.70539	0.01090
196	33.612	VB	0.0325	535.41498	266.10391	0.04056
197	33.693	VB	0.0312	678.21246	290.50400	0.05138
198	33.798	VB	0.0317	663.13239	326.11707	0.05024
199	33.864	VB	0.0382	1014.59723	435.11554	0.07686
200	34.004	VB	0.0406	2168.65527	826.16742	0.16429
201	34.098	VBA	0.0963	1292.43787	170.76912	0.09791
202	34.415	PB	0.0425	2.19912e4	7887.92578	1.66599
203	34.515	VB	0.0470	1404.16016	389.93210	0.10638
204	34.633	VBA	0.1096	1672.71191	190.18301	0.12672
205	34.893	PB	0.0745	2210.49805	399.97272	0.16746
206	35.059	VB	0.0273	442.96381	242.73535	0.03356
207	35.126	VB	0.0352	251.57059	107.89000	0.01906
208	35.309	VB	0.0648	4463.66650	917.25073	0.33815
209	35.436	VB	0.0446	1455.45300	476.48523	0.11026
210	35.576	VB	0.0281	299.21661	150.89017	0.02267
211	35.649	VBA	0.1485	1184.89087	95.00253	0.08976
212	35.829	BB	0.0404	1.79012e4	6659.96973	1.35614
213	35.901	VBA	0.2224	973.08417	52.45263	0.07372
214	36.097	PB	0.0362	539.44556	189.57152	0.04087
215	36.284	VB	0.0528	1336.54211	332.94473	0.10125
216	36.456	VB	0.0690	2138.78442	408.87064	0.16203
217	36.622	VB	0.0349	562.15826	243.69162	0.04259
218	36.690	VB	0.0344	403.94421	201.04903	0.03060
219	36.760	VB	0.0285	346.73224	188.40651	0.02627
220	36.822	VB	0.0222	328.26028	199.70609	0.02487
221	36.882	VB	0.0378	906.86719	379.91357	0.06870
222	37.004	VB	0.0348	664.15869	269.00693	0.05031
223	37.198	VB	0.0431	1.69289e4	5972.86523	1.28249
224	37.376	VB	0.0423	1229.17773	395.49725	0.09312

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
225	37.514	VB	0.0436	308.75269	95.73707	0.02339
226	37.629	VB	0.0767	1908.14807	333.61014	0.14456
227	37.800	VB	0.0206	159.97714	112.45970	0.01212
228	37.867	VB	0.0374	1714.84180	704.96191	0.12991
229	37.963	VB	0.0274	389.06073	203.00703	0.02947
230	38.028	VBA	0.1306	1204.94263	112.86658	0.09128
231	38.160	BB	0.0288	379.59454	202.72827	0.02876
232	38.221	VB	0.0339	440.28348	166.23016	0.03335
233	38.337	VB	0.0516	821.46515	205.80304	0.06223
234	38.515	VB	0.0420	1.39258e4	5074.23096	1.05498
235	38.635	VB	0.0317	122.41942	51.56154	0.00927
236	38.691	VBA	0.1593	966.05017	72.09880	0.07319
237	38.836	BB	0.0479	538.52789	153.53571	0.04080
238	38.921	VBA	0.0850	1916.82861	276.14731	0.14521
239	39.106	BBA	0.0833	1966.02271	296.85190	0.14894
240	39.327	BB	0.0498	1731.31128	508.03207	0.13116
241	39.430	VB	0.0518	1178.90613	363.79352	0.08931
242	39.559	VB	0.0519	863.23517	214.91908	0.06540
243	39.705	VB	0.0422	2943.20825	1136.62561	0.22297
244	39.792	VB	0.0400	1.06095e4	4119.45703	0.80375
245	39.856	VBA	0.0875	1005.46802	145.77197	0.07617
246	40.009	BB	0.0401	378.28104	137.60451	0.02866
247	40.169	VB	0.0609	1300.82153	271.66043	0.09855
248	40.279	VB	0.0517	464.60178	121.39455	0.03520
249	40.442	VB	0.0407	353.55310	122.43911	0.02678
250	40.515	VB	0.0327	180.49272	81.90536	0.01367
251	40.571	VB	0.0352	367.94675	163.62955	0.02787
252	40.708	VB	9.79e-3	23.36983	97.71861	0.00177
253	40.780	VB	0.0430	3053.48340	1080.52466	0.23132
254	40.906	VB	0.0342	301.57236	120.51562	0.02285
255	41.029	VBA	0.0450	9327.67773	3110.09229	0.70664
256	41.397	PBA	0.1059	1675.38123	199.72702	0.12692
257	41.787	PB	0.0589	914.94080	197.99518	0.06931
258	41.917	VB	0.0360	460.77826	178.94875	0.03491
259	42.023	VB	0.0450	2987.78516	1054.77515	0.22635
260	42.166	VB	0.0173	161.61354	166.41354	0.01224
261	42.226	VBA	0.0306	4035.16431	2183.39429	0.30569
262	42.575	BBA	0.0951	1659.94043	217.41290	0.12575
263	42.822	BBA	0.1535	975.64307	76.66399	0.07391
264	43.011	BB	0.0460	2298.56299	706.30859	0.17413
265	43.101	VB	0.0392	526.43976	203.63881	0.03988
266	43.210	VB	0.0424	1253.22925	481.09363	0.09494
267	43.391	VBA	0.0445	6036.98340	1986.62329	0.45734
268	43.522	BBA	0.1373	1042.81555	90.60368	0.07900
269	43.723	PBA	0.1077	1318.73669	146.93456	0.09990
270	43.915	PBA	0.1961	916.61499	56.83797	0.06944
271	44.139	PB	0.0440	1658.99011	553.35077	0.12568
272	44.233	VB	0.0392	470.15689	170.48836	0.03562
273	44.418	VB	0.0401	937.79736	351.38922	0.07104

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	44.521	VBA	0.0468	5358.96484	1611.90808	0.40598
275	44.846	PBA	0.1281	1444.72339	138.09303	0.10945
276	45.308	BBA	0.0751	2315.90210	408.48828	0.17545
277	45.646	BBA	0.0572	4648.51807	1173.76025	0.35216
278	46.576	PBA	0.0665	3021.31738	634.96631	0.22889
279	46.890	BBA	0.0563	3347.58008	808.60388	0.25360
280	47.073	BBA	0.0782	2135.49951	354.65952	0.16178
281	48.322	BBA	0.0687	2528.28394	470.25095	0.19154
282	50.006	BBA	0.0893	2740.98608	430.46951	0.20765
283	51.974	PBA	0.1067	1805.51221	203.17749	0.13678
284	54.327	BBA	0.1180	2137.27759	214.90164	0.16191
Totals :				1.32001e6	4.01328e5	

Calibration Curves

*** End of Report ***

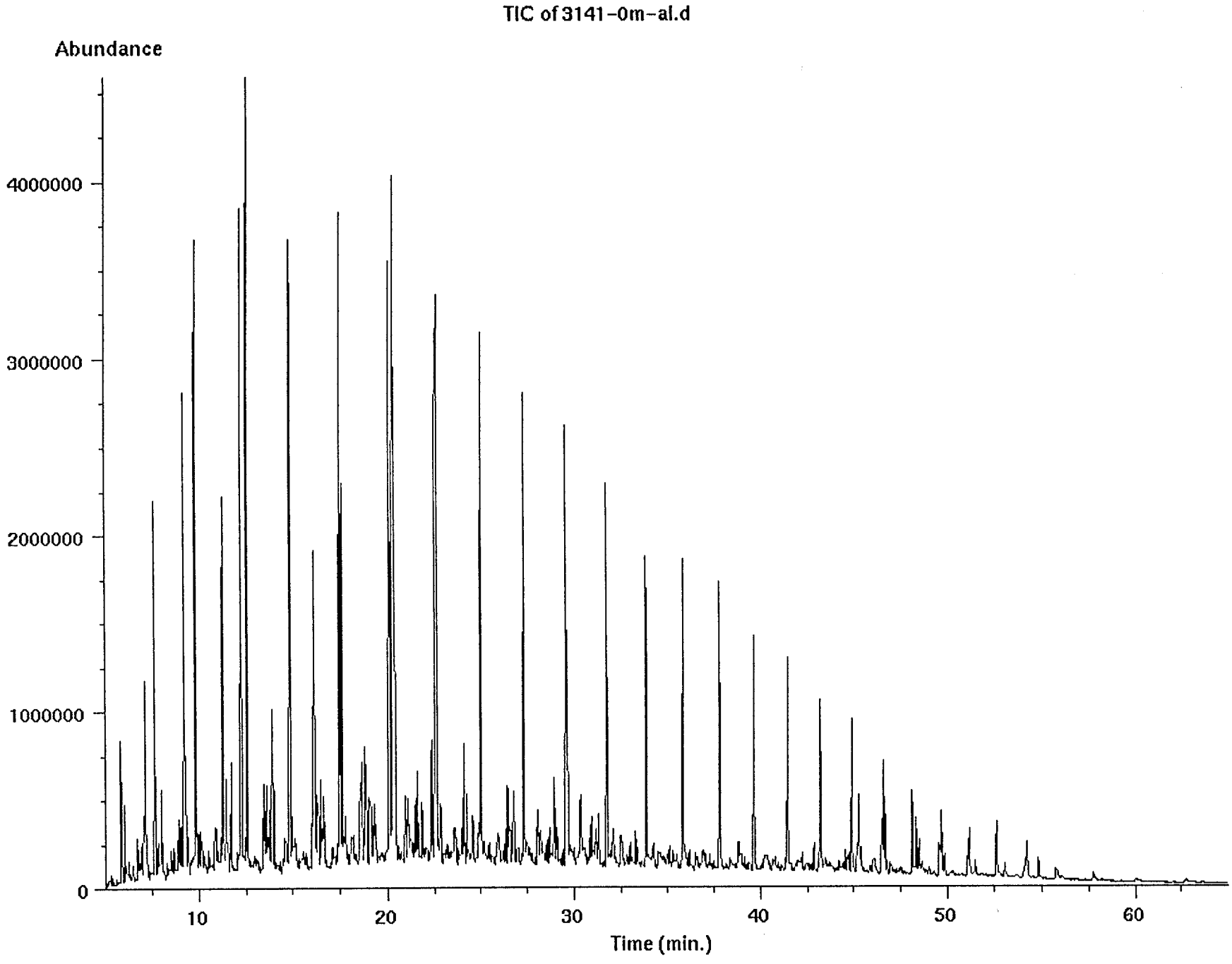

hp satsim1.m
RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/3141-0m-al.d
Operator: PN
Sample Name: Wessel 3141.0 al
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 5
Sample Info:
Wessel-1, Amerada Hess
97036-05
3141.0 m, core-2, rswc
Alifater
4.3 mg
Run Method
Run Acquisition
OK
Cancel
Help

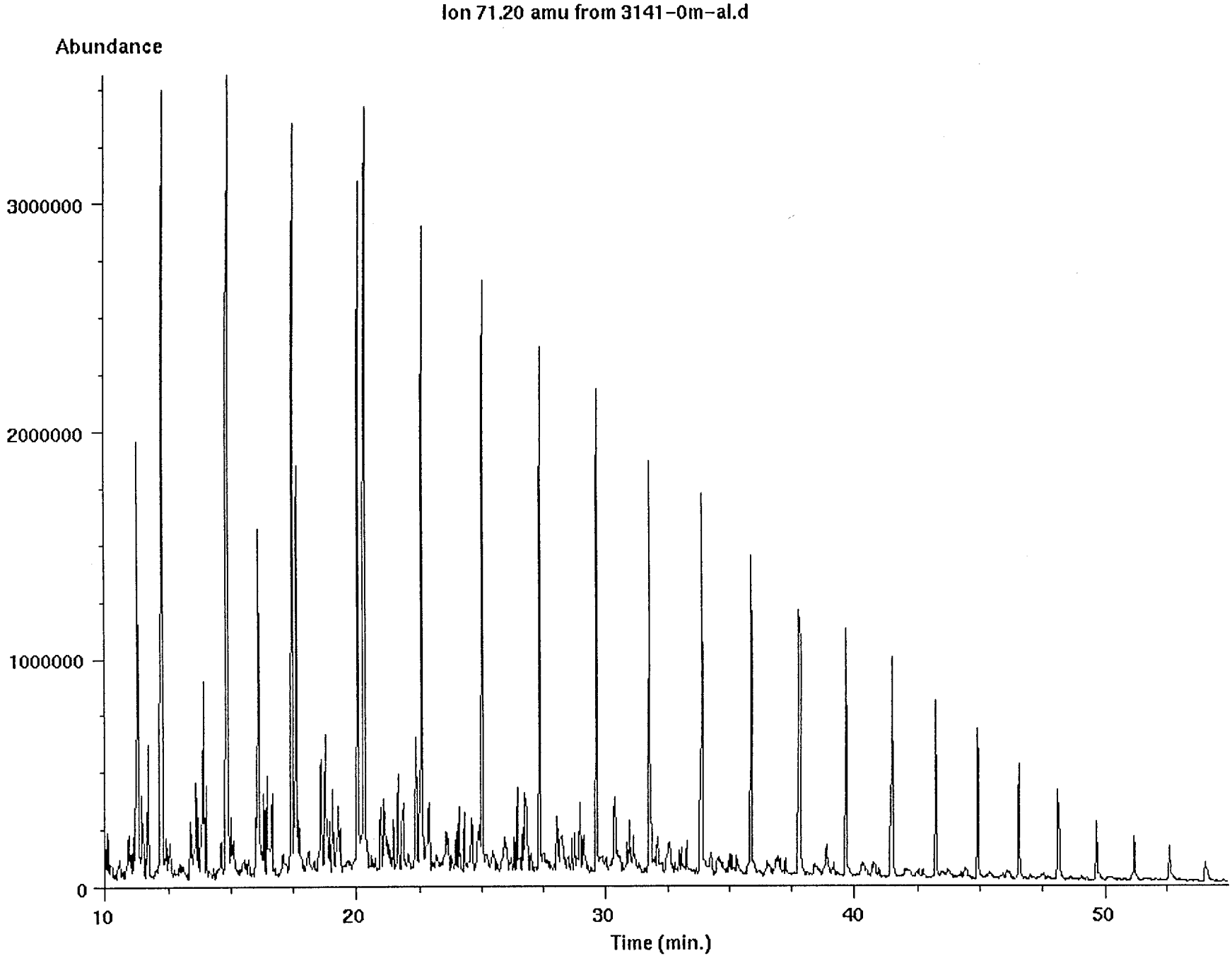
Data file: /chem/data2/chem/hp/Wessel/3141-0m-al.d
File type: GC / MS DATA FILE

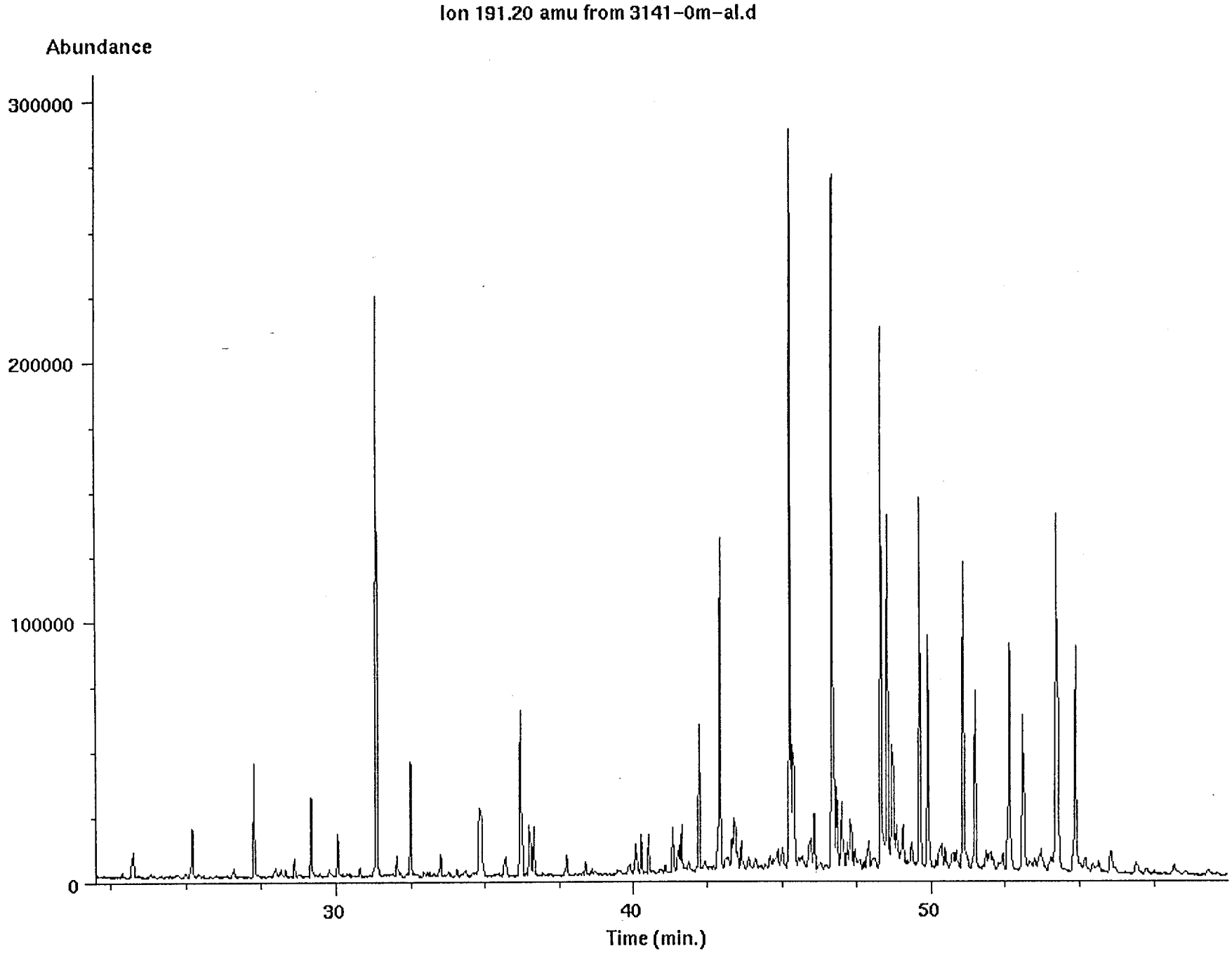
Name Info: Wessel 3141.0 al
Misc Info:
Operator : PN

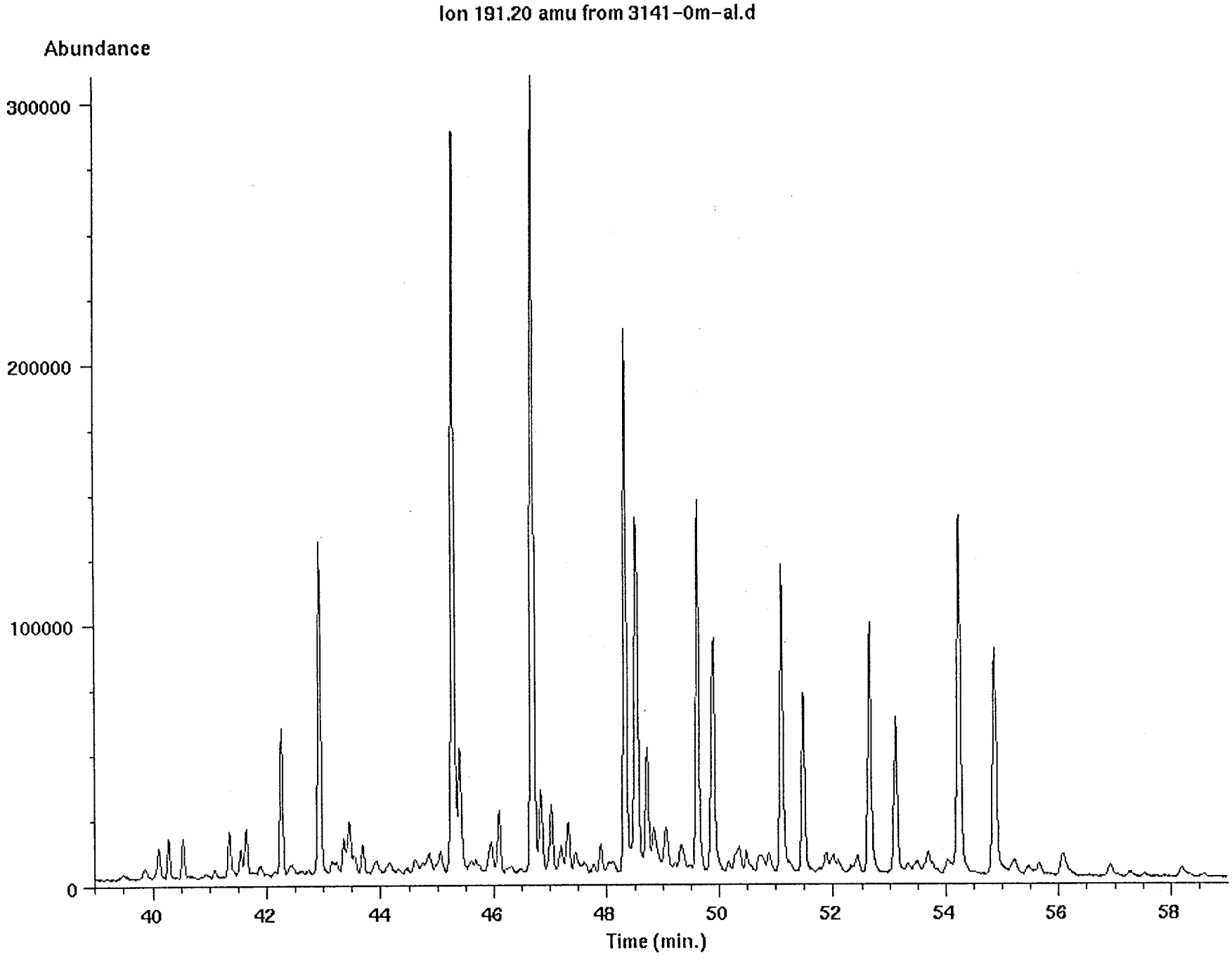
Date : Fri Jan 09 98 06:15:23 PM
Instrment: HP5971
Inlet : GC

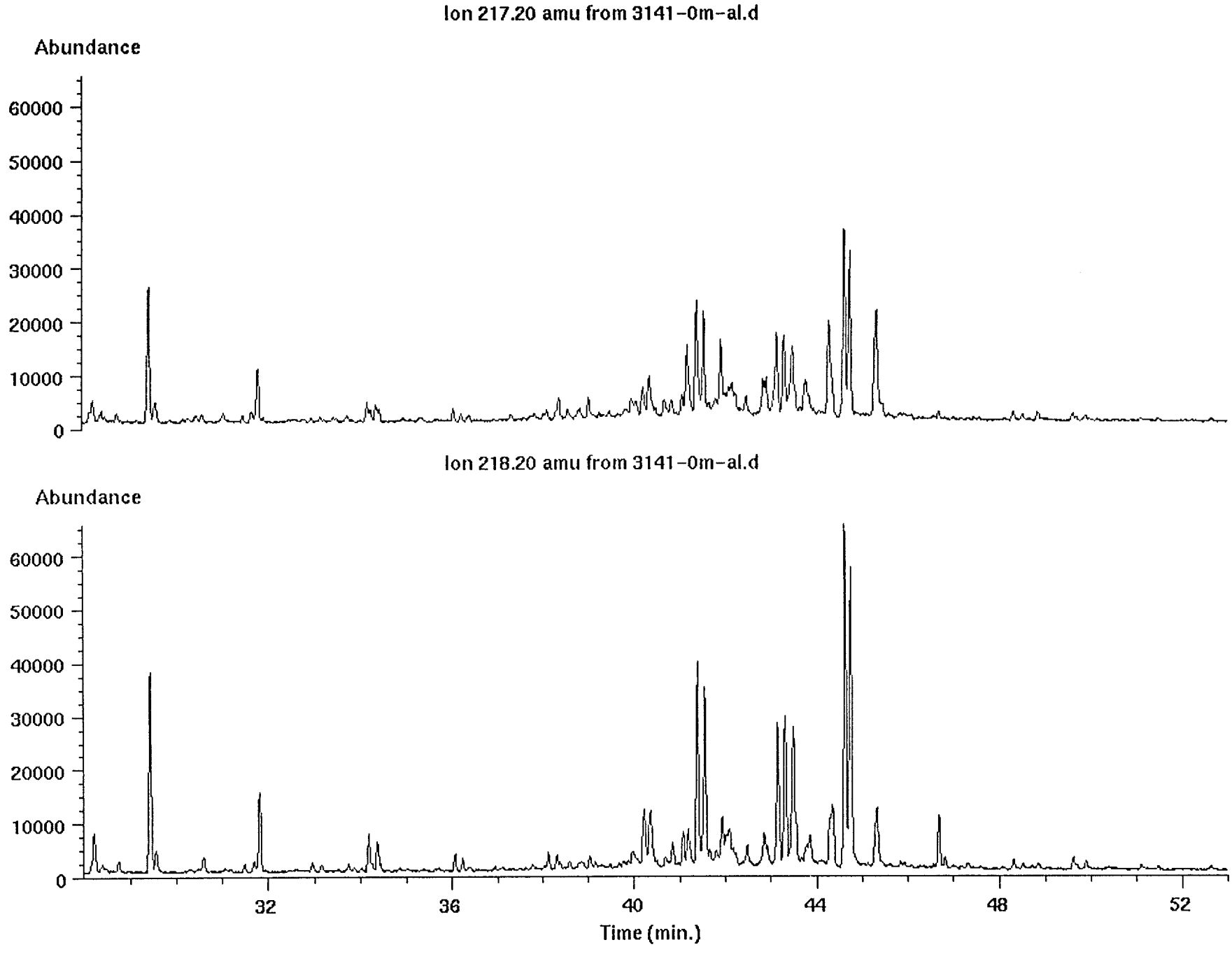
Sequence index : 0
Als bottle num : 5
Replicate num : 1

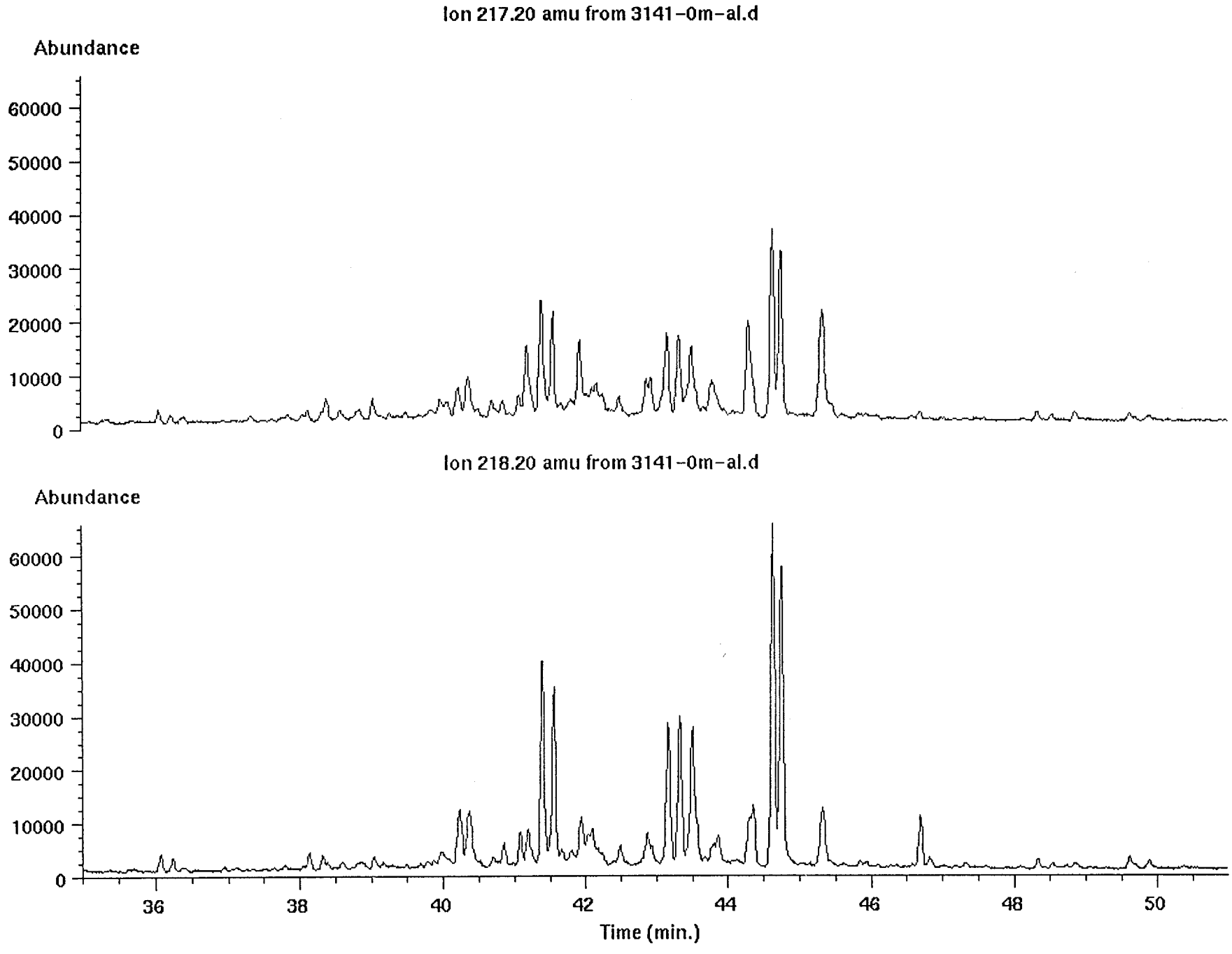

TIC of 3141-0m-al.d
Abundance
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

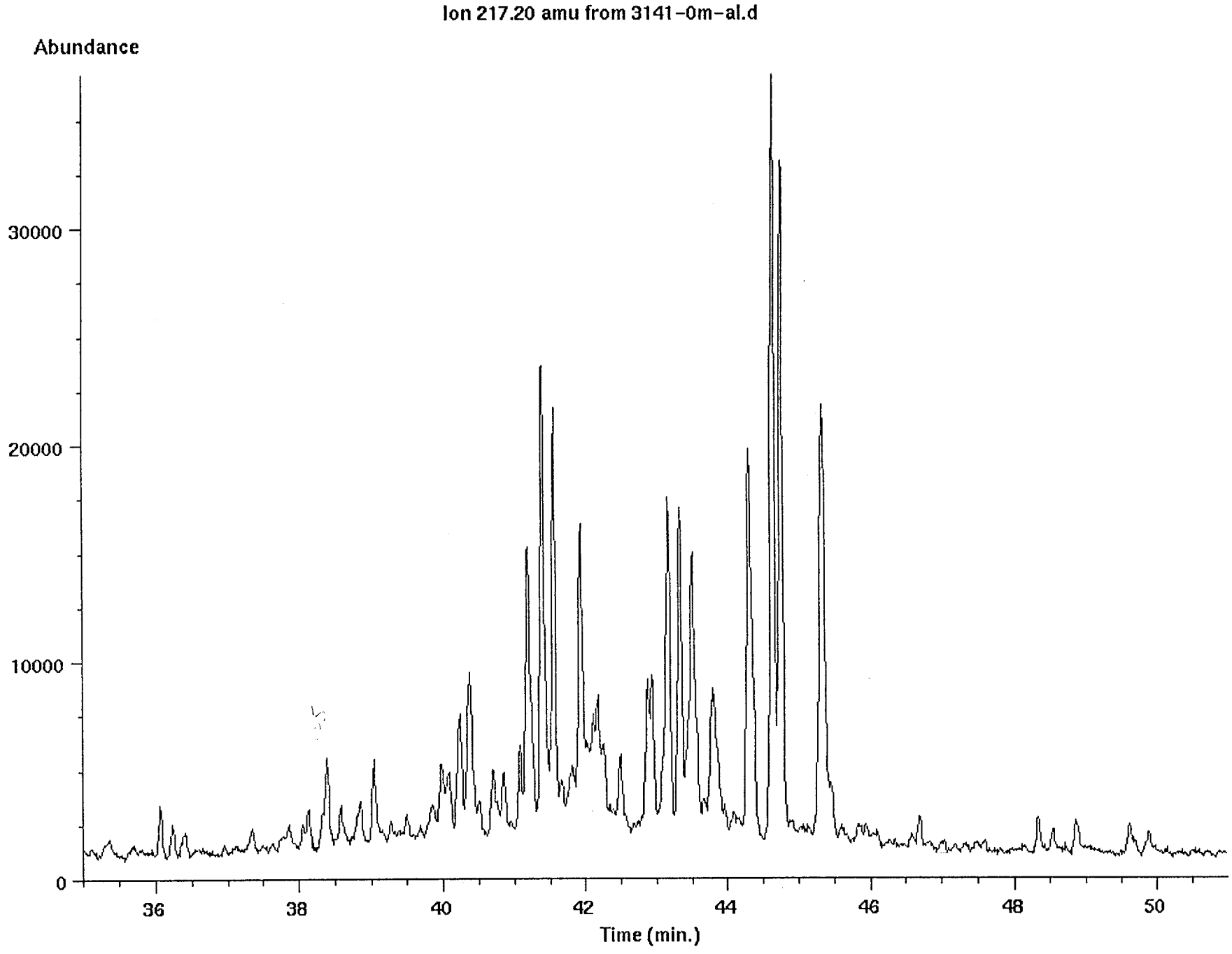

Ion 71.20 amu from 3141-0m-al.d
Abundance
3000000
2000000
1000000
0
10
20
30
40
50
Time (min.)

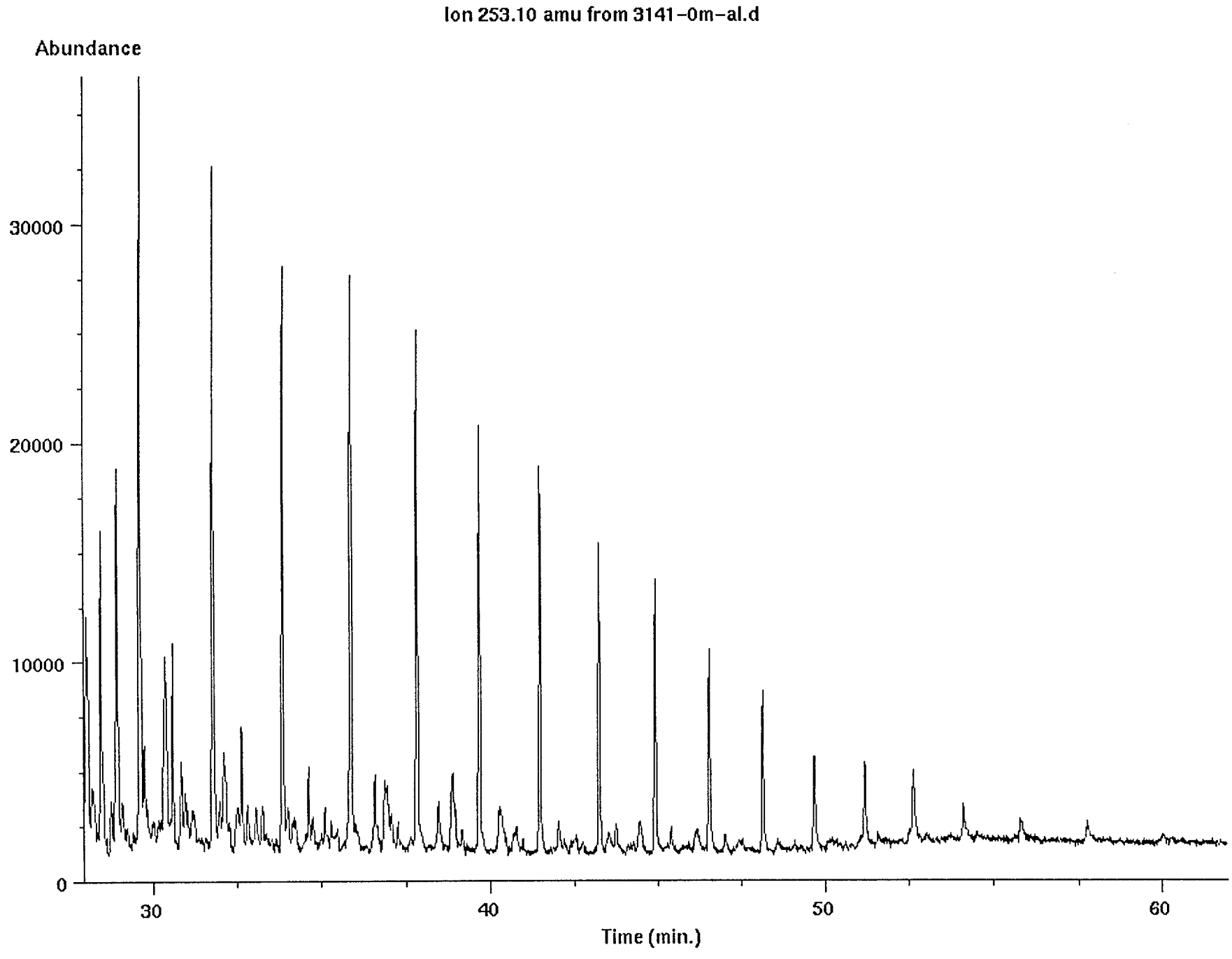

Ion 191.20 amu from 3141-0m-al.d
Abundance
300000
200000
100000
0
30
40
50
Time (min.)

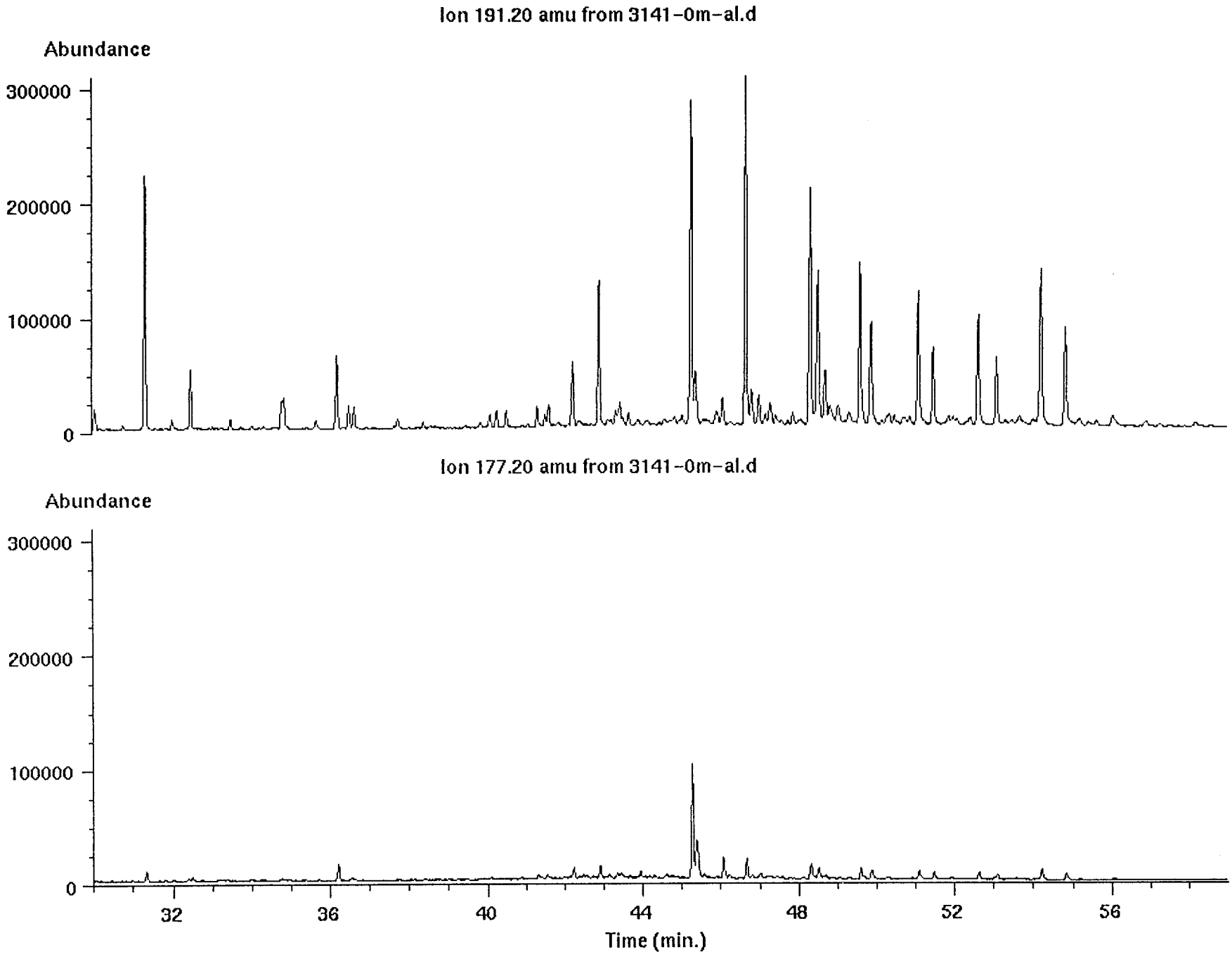

Ion 191.20 amu from 3141-0m-al.d
Abundance
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)


Ion 217.20 amu from 3141-0m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3141-0m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
32
36
40
44
48
52
Time (min.)


Ion 217.20 amu from 3141-0m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
Ion 218.20 amu from 3141-0m-al.d
Abundance
60000
50000
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from 3141-0m-al.d
Abundance
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from 3141-0m-al.d
Abundance
30000
20000
10000
0
30
40
50
60
Time (min.)

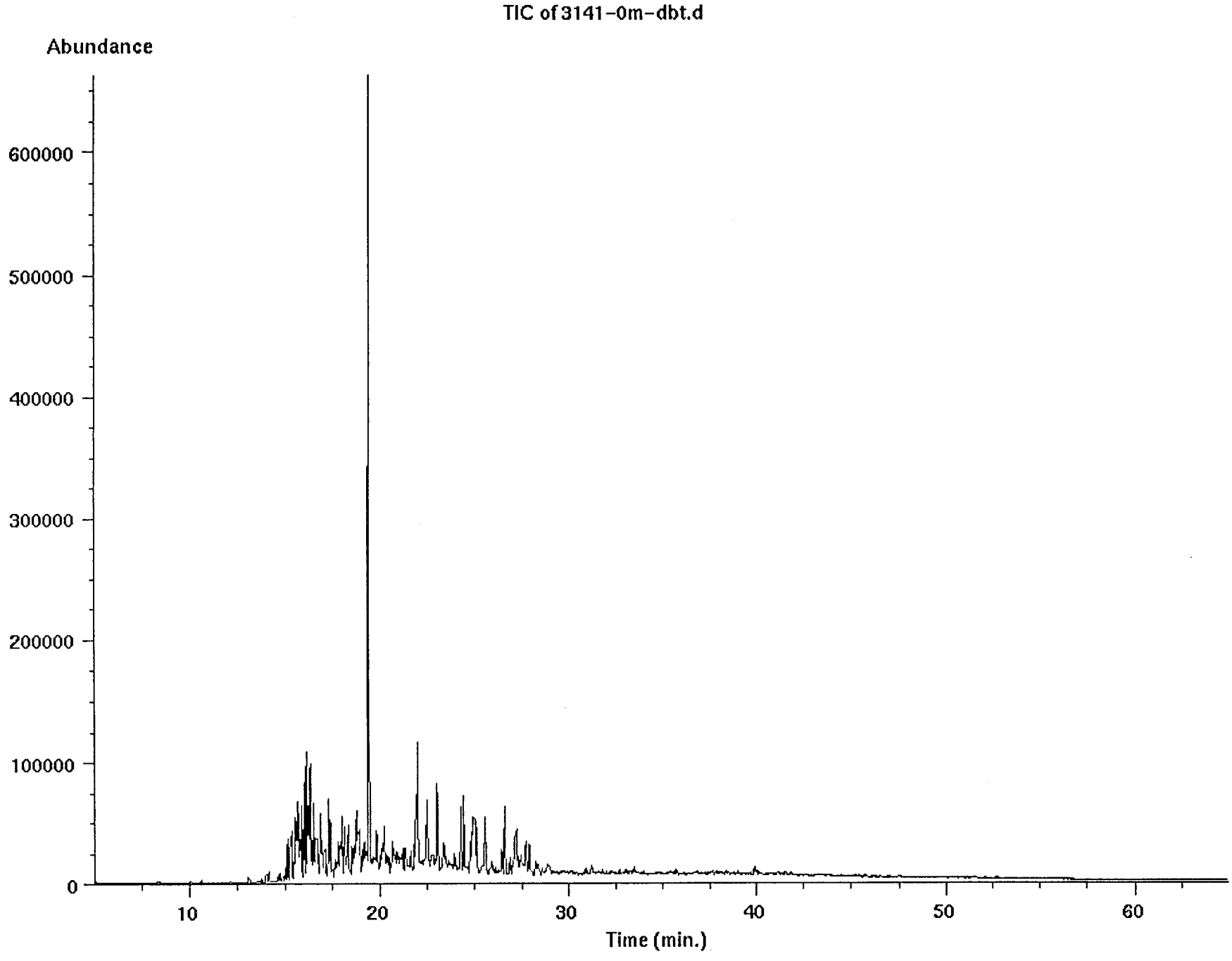

Ion 191.20 amu from 3141-0m-al.d
Abundance
300000
200000
100000
0
Ion 177.20 amu from 3141-0m-al.d
Abundance
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

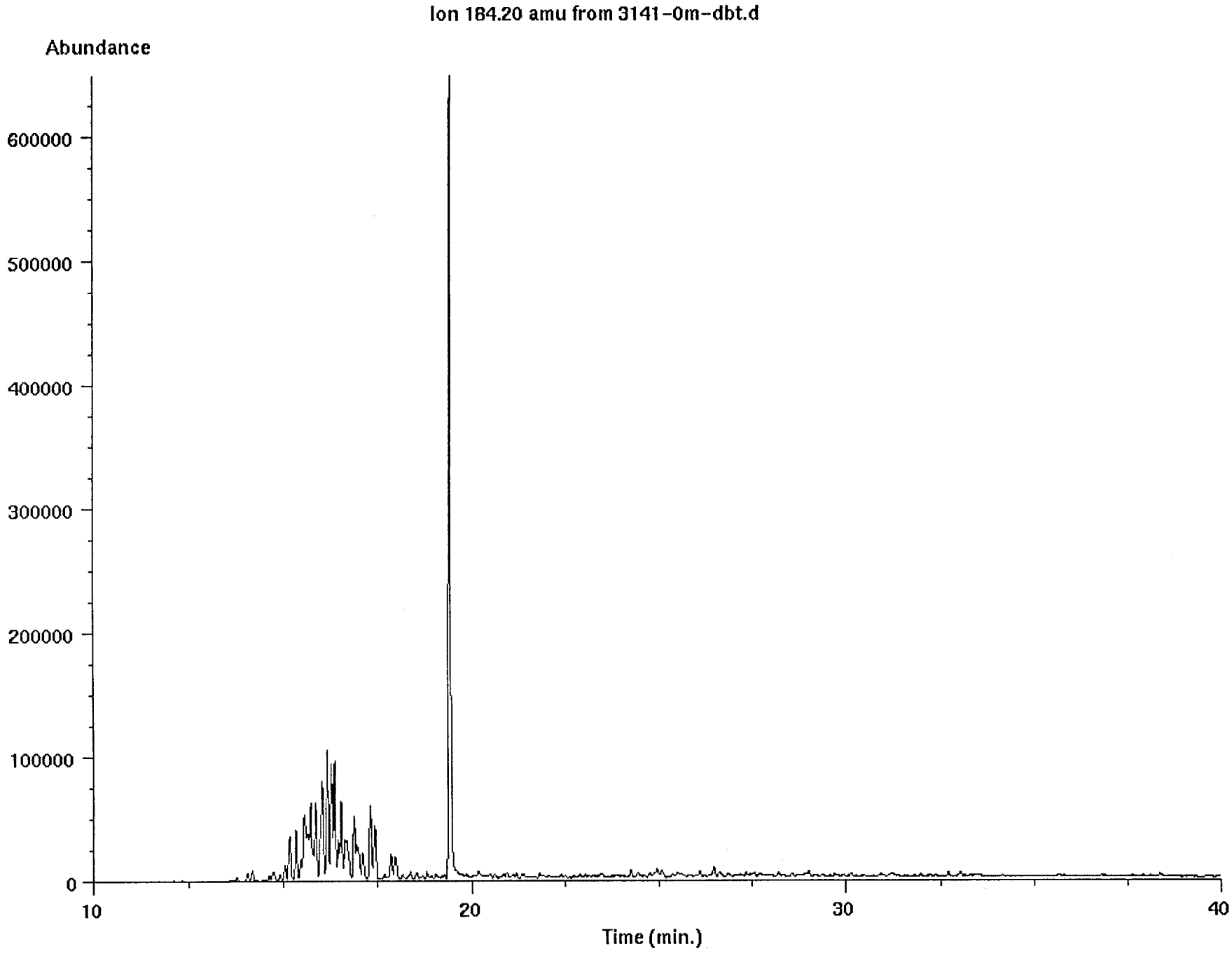
Data file: /chem/data2/chem/hp/Wessel/3141-0m-dbt.d
File type: GC / MS DATA FILE

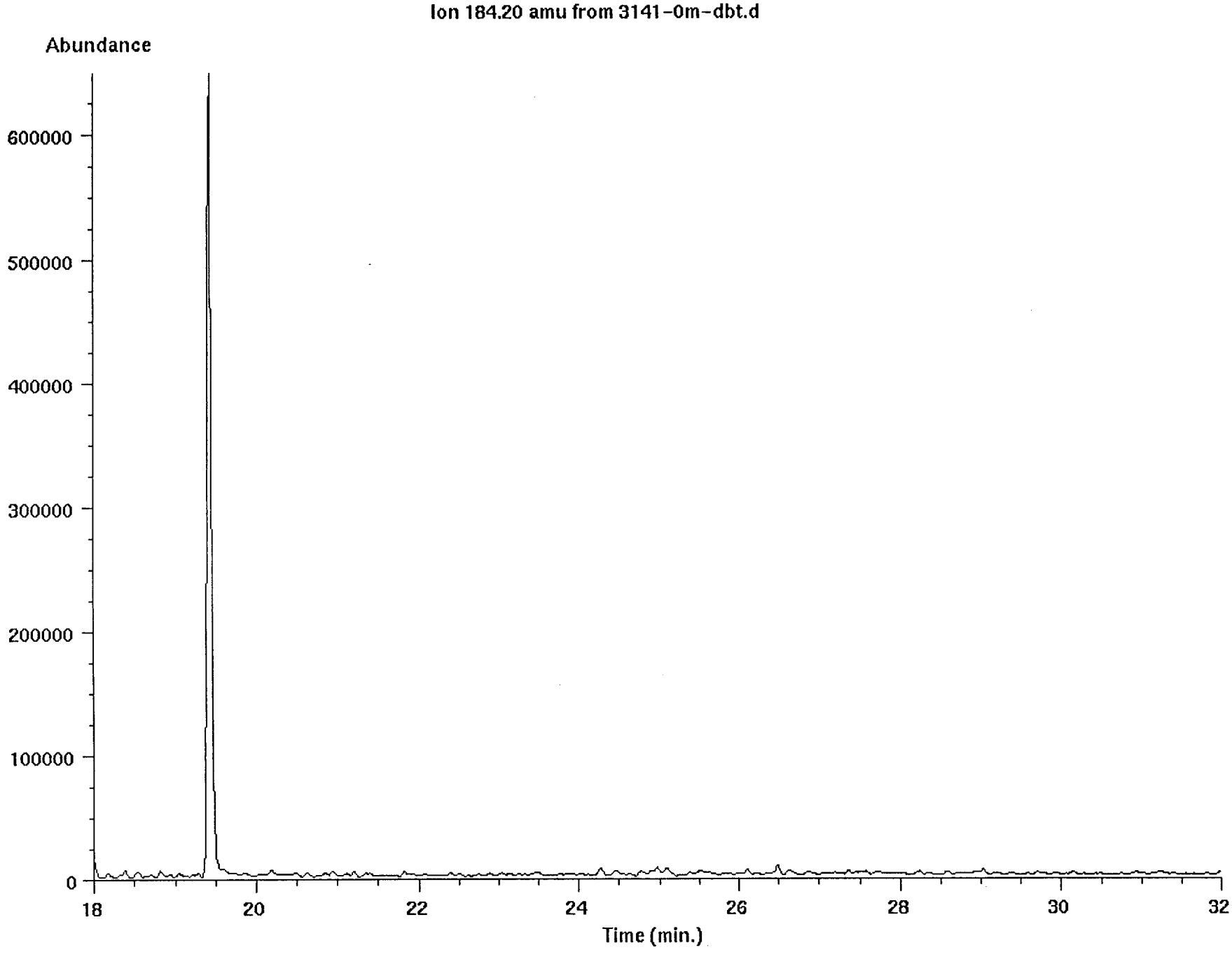
Name Info: Wessel 3141.0 ar
Misc Info:
Operator : PN

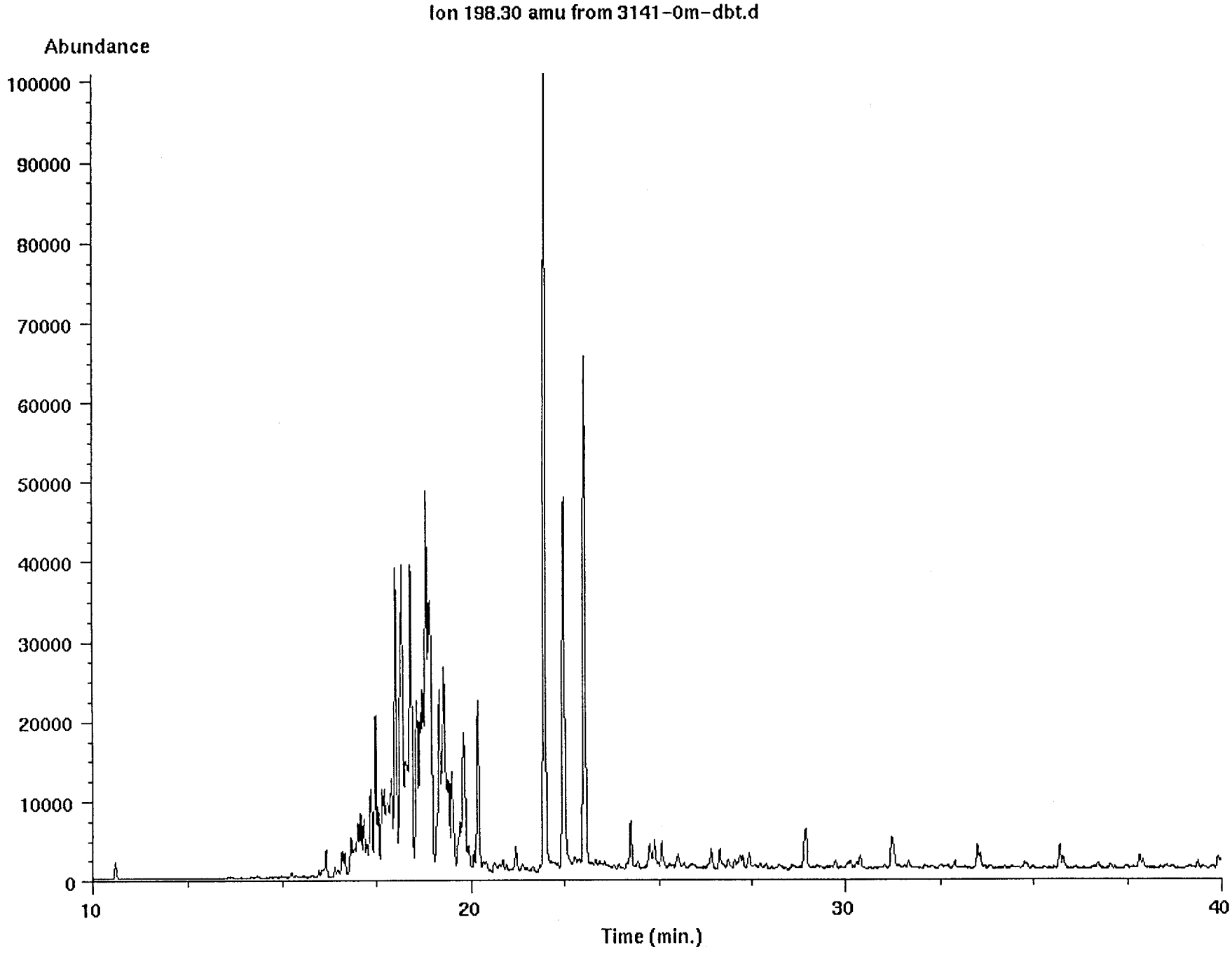
Date : Wed Jan 14 98 01:06:30 AM
Instrment: HP5971
Inlet : GC

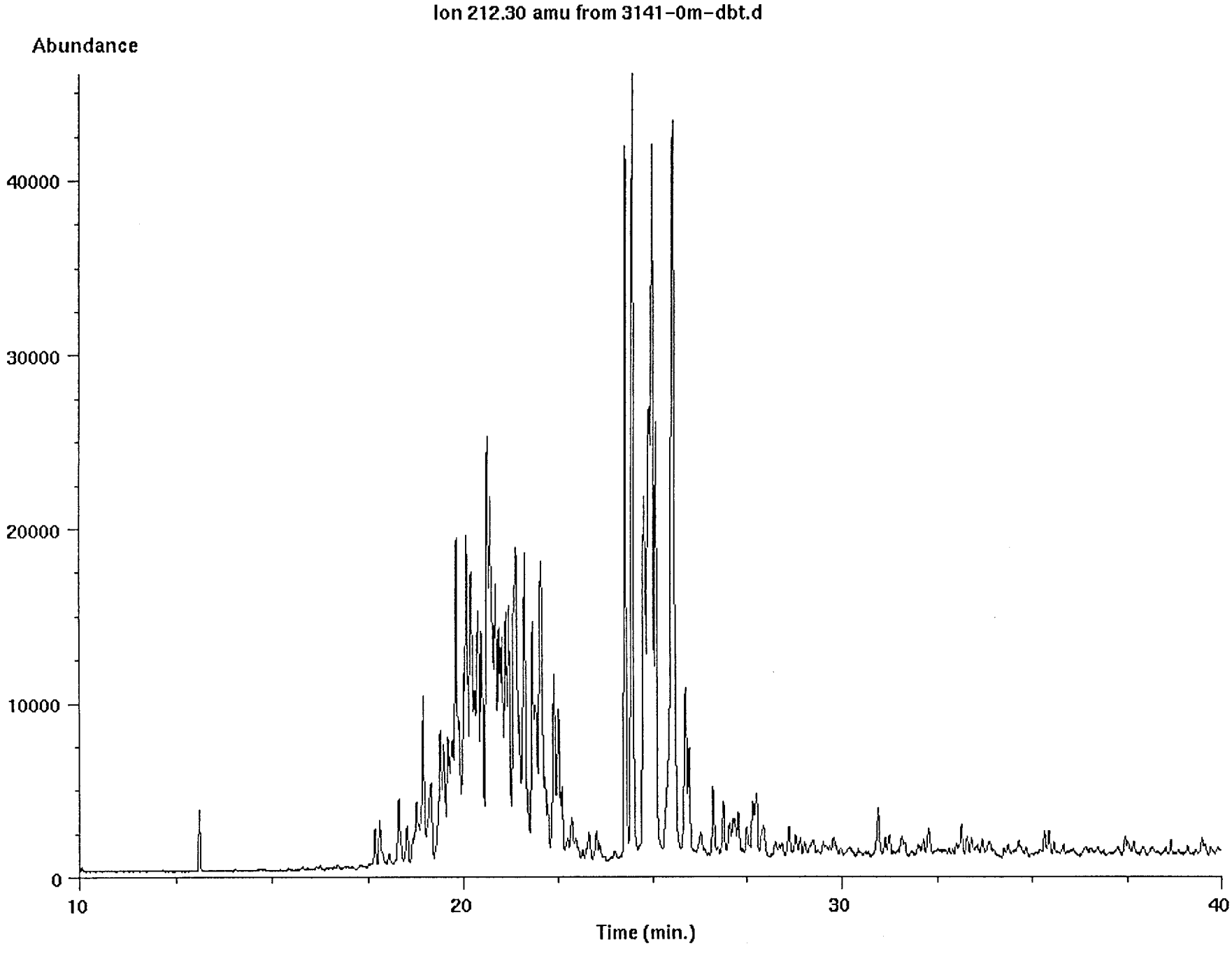
Sequence index : 2
Als bottle num : 5
Replicate num : 1

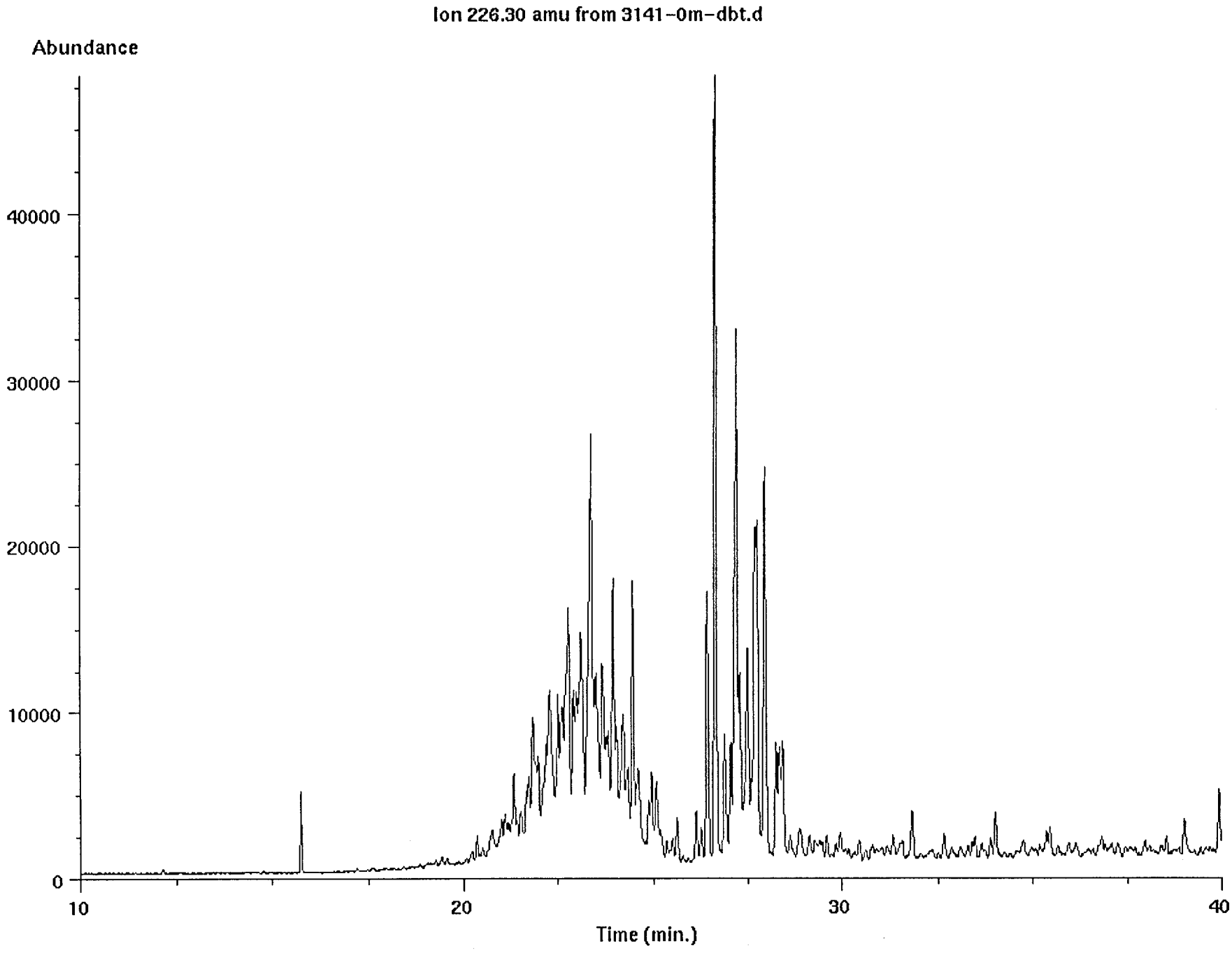

TIC of 3141-0m-dbt.d
Abundance
600000
500000
400000
300000
200000
100000
0
10
20
30
40
50
60
Time (min.)

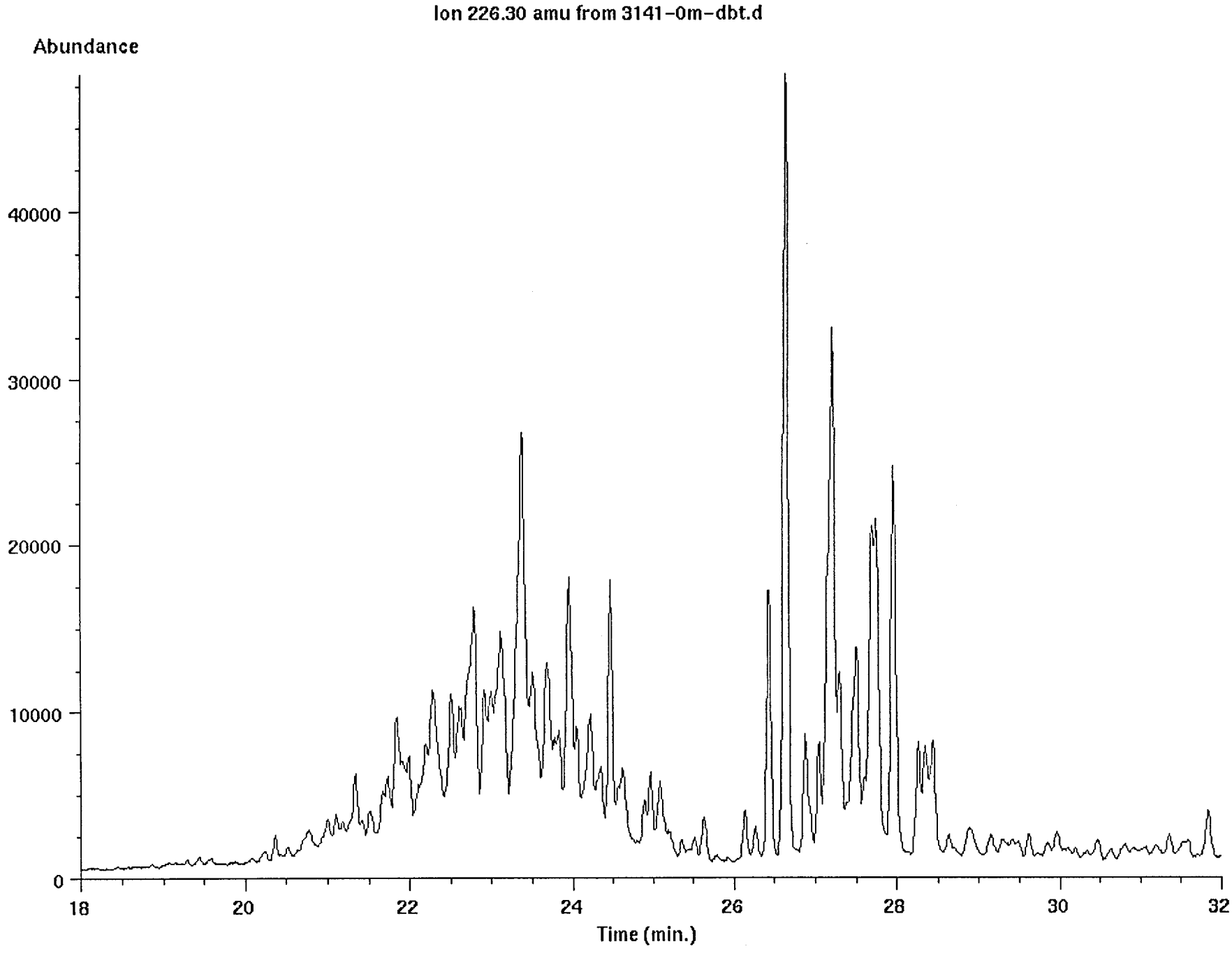

Ion 184.20 amu from 3141-0m-dbt.d
Abundance
600000
500000
400000
300000
200000
100000
0
10
20
30
40
Time (min.)

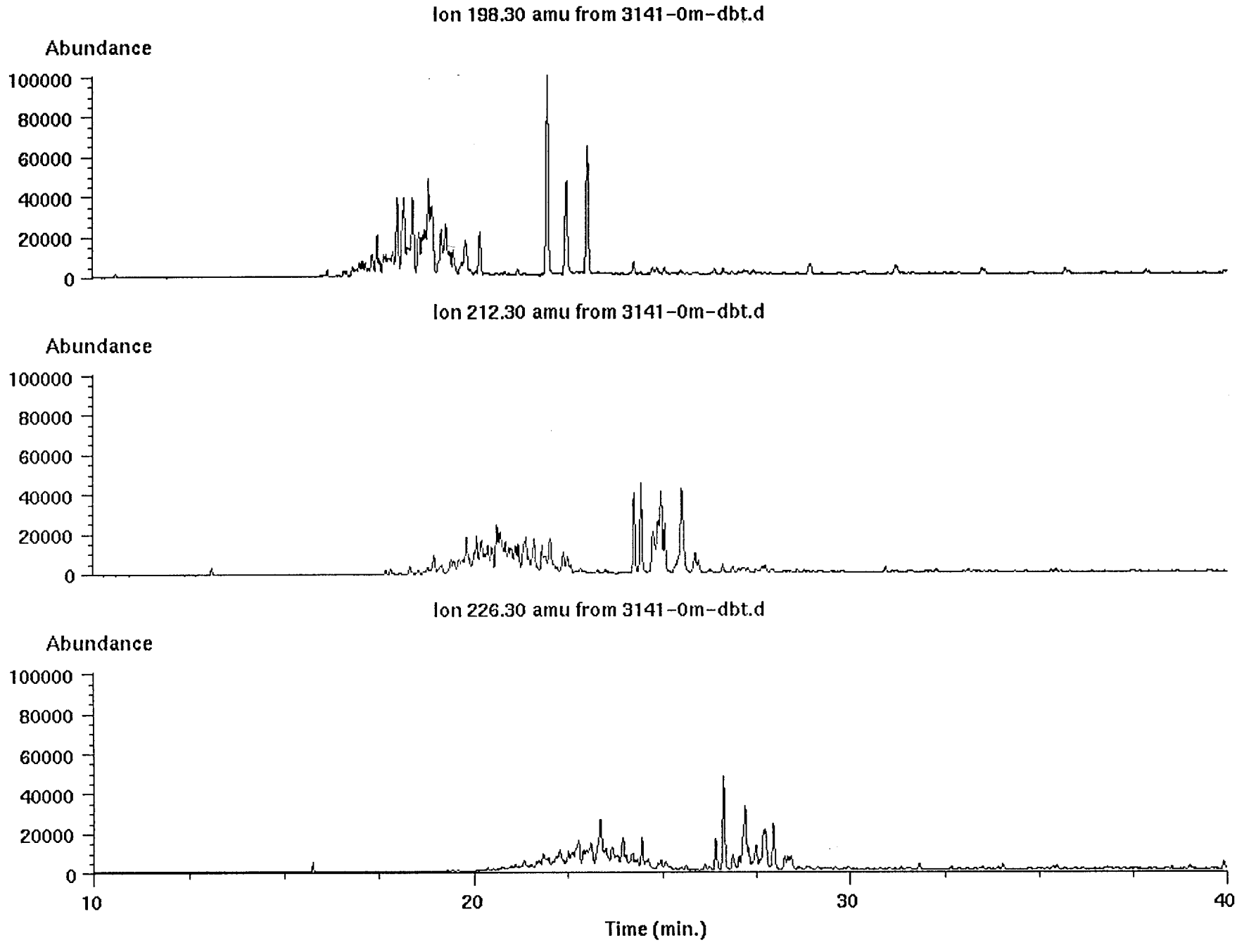

Ion 184.20 amu from 3141-0m-dbt.d
Abundance
600000
500000
400000
300000
200000
100000
0
18
20
22
24
26
28
30
32
Time (min.)

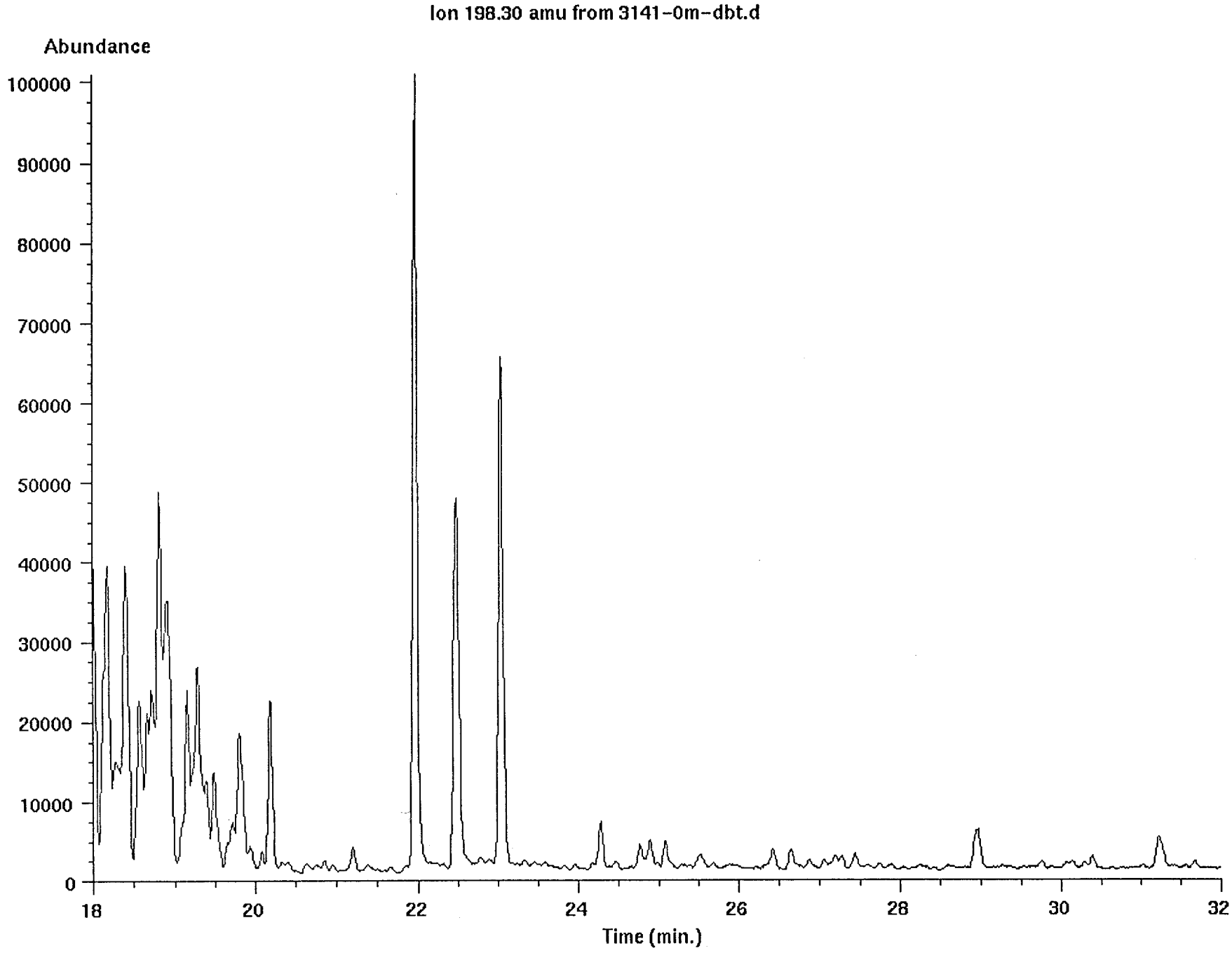

Ion 198.30 amu from 3141-0m-dbt.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

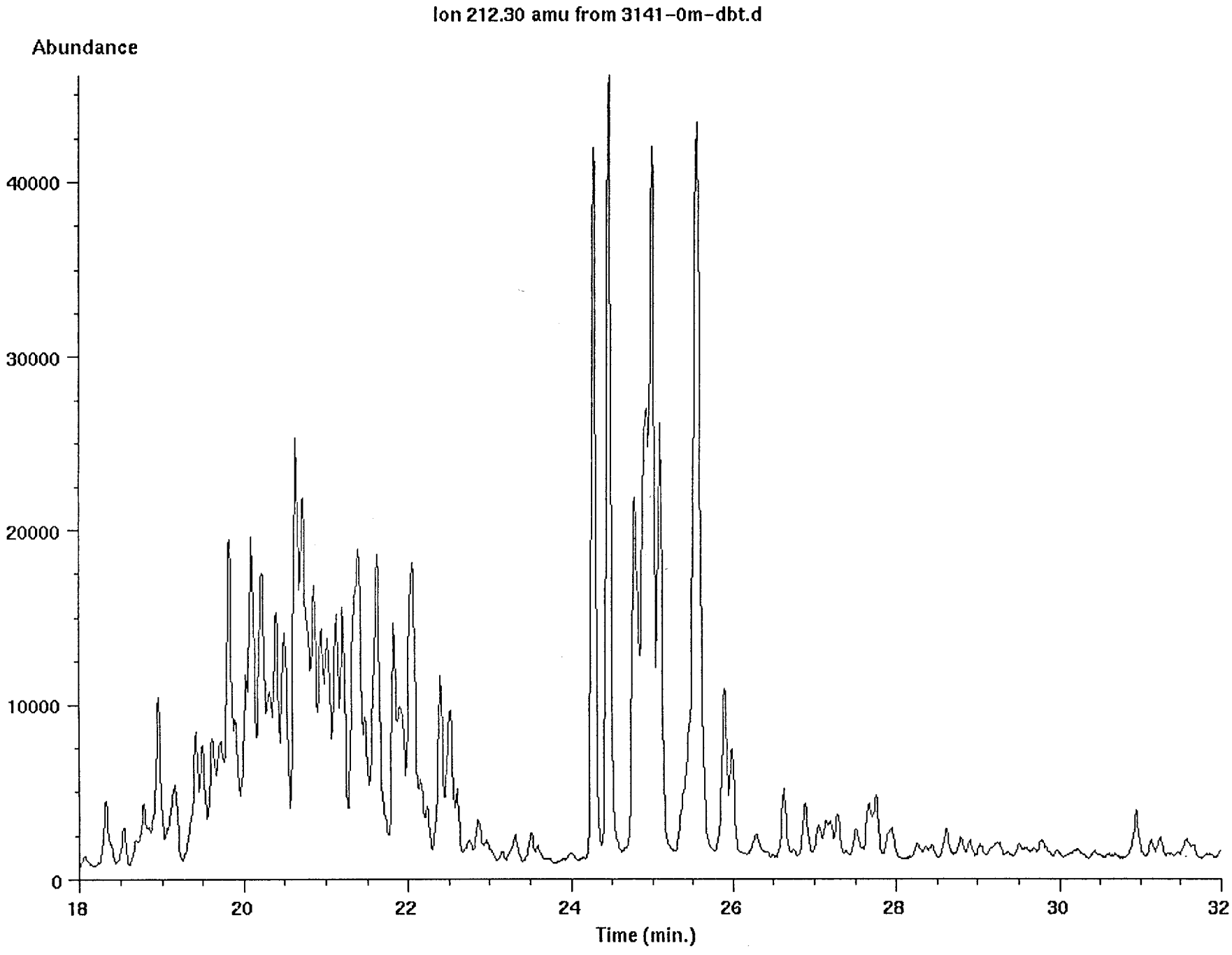

Ion 212.30 amu from 3141-0m-dbt.d
Abundance
40000
30000
20000
10000
0
10
20
30
40
Time (min.)

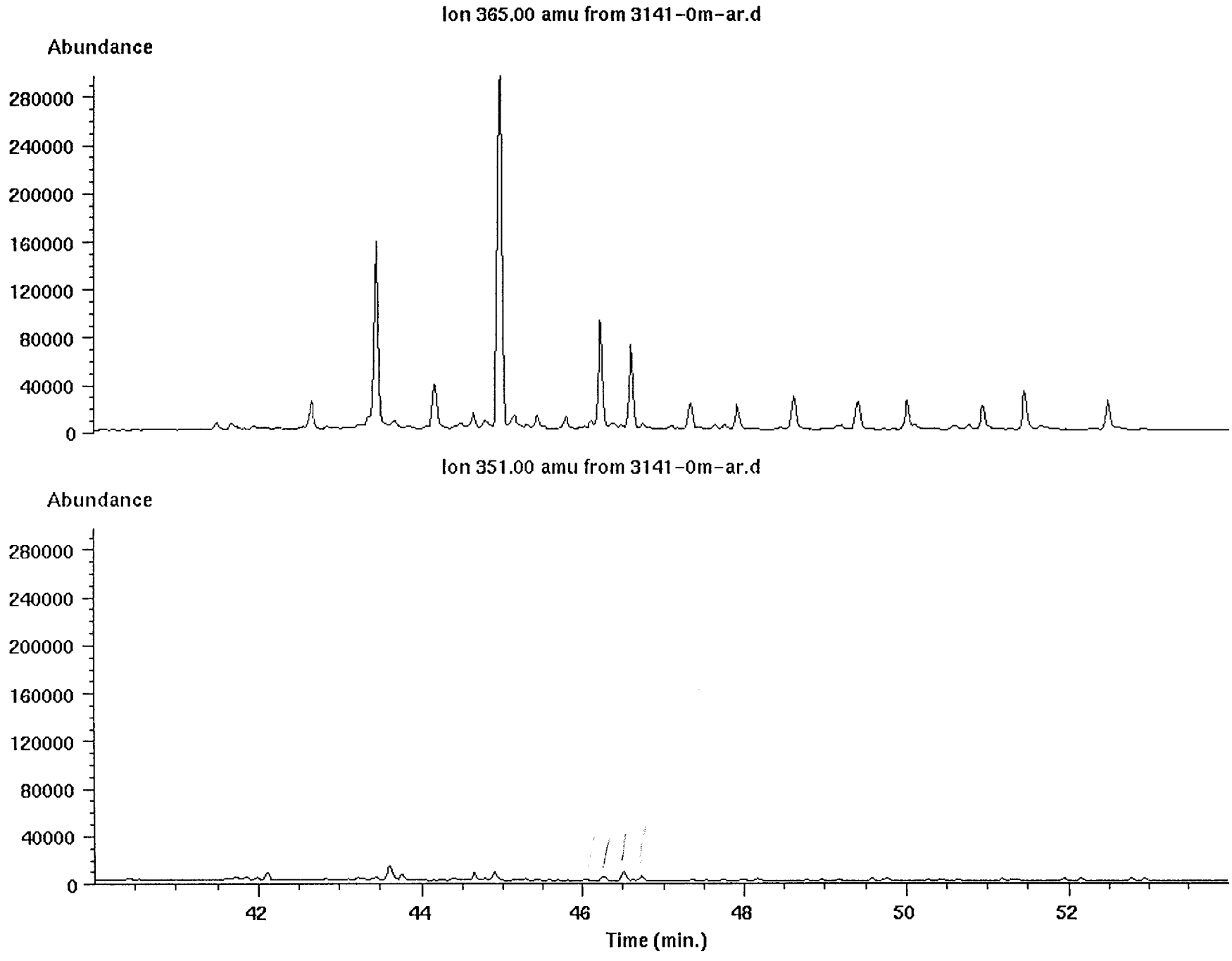

Ion 226.30 amu from 3141-0m-dbt.d
Abundance
40000
30000
20000
10000
0
10
20
30
40
Time (min.)


Ion 226.30 amu from 3141-0m-dbt.d
Abundance
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from 3141-0m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
Ion 212.30 amu from 3141-0m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
Ion 226.30 amu from 3141-0m-dbt.d
Abundance
100000
80000
60000
40000
20000
0
10
20
30
40
Time (min.)


Ion 198.30 amu from 3141-0m-dbt.d
Abundance
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)


Ion 212.30 amu from 3141-0m-dbt.d
Abundance
40000
30000
20000
10000
0
18
20
22
24
26
28
30
32
Time (min.)

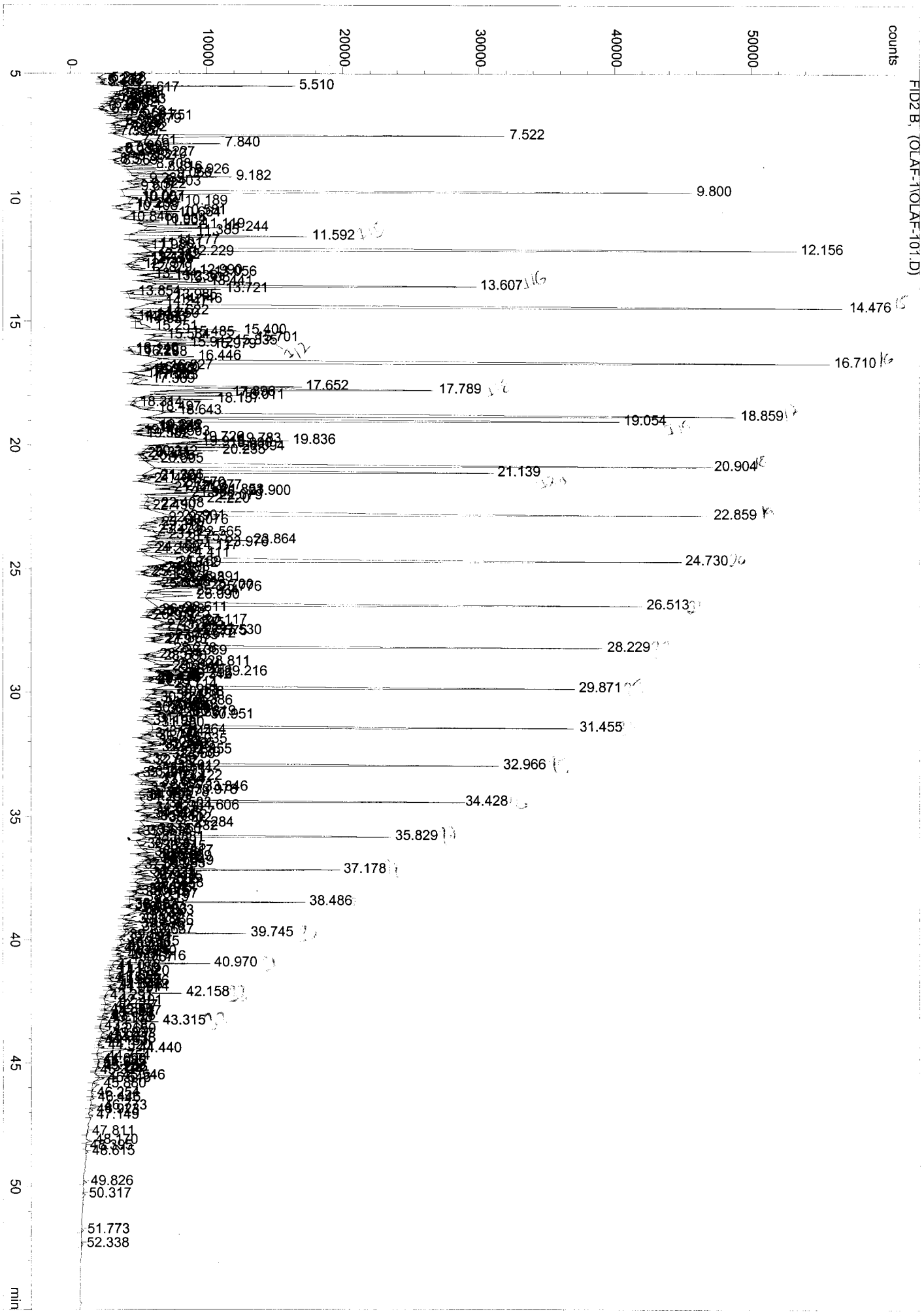

Ion 365.00 amu from 3141-0m-ar.d
Abundance
280000
240000
200000
160000
120000
80000
40000
0
Ion 351.00 amu from 3141-0m-ar.d
Abundance
280000
240000
200000
160000
120000
80000
40000
0
42
44
46
48
50
52
Time (min.)

OLAF-1, OIL, A-715, FRA D. 7/5-1992, ALI: 9.4 MG, KØRT
D. 17 MARTS 1998.

==========

Injection Date	: 17-03-98 12:25:22	Seq. Line :	1
Sample Name	: OLAF-1	Vial :	1
Acq. Operator	: DD	Inj :	1
		Inj Volume :	1 µl
Sequence File	: C:\HPCHEM\1\SEQUENCE\97031.S		
Method	: C:\HPCHEM\1\METHODS\GCN(1A).M		
Last changed	: 04-11-97 13:26:46 by DD		

Metode baseret på Norsk Industristandard


counts
0
10000
20000
30000
40000
50000
FID2 B, (OLAF-1\OLAF-101.D)
min
5
10
15
20
25
30
35
40
45
50
5.510
7.522
7.840
9.182
9.800
11.592
12.156
13.607
14.476
16.710
17.652
17.789
18.859
19.054
19.836
20.904
21.139
22.859
24.730
26.513
28.229
29.871
31.455
32.966
34.428
35.829
37.178
38.486
39.745
40.970
42.158
43.315
47.149
47.811
48.615
49.826
50.317
51.773
52.338

Normalized Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Uncalibrated Peaks : not reported

Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000

Signal 1: FID2 B,
Results obtained with enhanced integrator!

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
1	5.218	PB	0.0345	1117.25806	491.11526	0.02304
2	5.272	VB	0.0372	651.24921	243.70590	0.01343
3	5.336	VB	0.0317	307.82523	151.35098	0.00635
4	5.404	VB	0.0312	501.25876	276.05460	0.01034
5	5.510	VB	0.0364	3.17268e4	1.30352e4	0.65431
6	5.617	VB	0.0216	594.45148	511.42316	0.01226
7	5.761	VB	0.0407	579.79779	200.93170	0.01196
8	5.855	VB	0.0253	638.15442	405.96939	0.01316
9	5.901	VB	0.0282	1396.91846	806.98920	0.02881
10	5.957	VB	0.0232	180.96436	138.44760	0.00373
11	6.033	VB	0.0249	764.05676	497.00488	0.01576
12	6.083	VB	0.0331	2318.31860	1121.75806	0.04781
13	6.164	VB	0.0338	2411.76904	1090.80701	0.04974
14	6.283	VB	0.0549	2077.13843	506.39221	0.04284
15	6.387	VB	0.0370	931.83496	374.85315	0.01922
16	6.482	VB	0.0431	1102.39209	441.32239	0.02273
17	6.579	VB	0.0554	4697.50488	1427.78442	0.09688
18	6.661	VB	0.0345	4005.31299	1835.28223	0.08260
19	6.751	VB	0.0402	7434.61377	2872.25610	0.15333
20	6.879	VB	0.0323	3372.64893	1617.13440	0.06955
21	6.939	VB	0.0600	940.70013	192.65717	0.01940
22	7.079	VB	0.0347	865.95032	409.11050	0.01786
23	7.156	VB	0.0375	1878.09717	743.96808	0.03873
24	7.232	VB	0.0422	2499.19653	935.94452	0.05154
25	7.337	VB	0.0336	1160.88611	509.69046	0.02394
26	7.395	VB	0.0230	216.86992	133.37604	0.00447
27	7.522	VB	0.0549	1.11660e5	2.84010e4	2.30278
28	7.761	VB	0.0299	386.26923	197.03831	0.00797

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
29	7.840	VB	0.0452	2.04607e4	6595.78662	0.42196
30	7.999	VB	0.0306	1375.11707	680.94592	0.02836
31	8.081	VB	0.0234	281.55762	199.78191	0.00581
32	8.133	VB	0.0376	1006.19336	459.31393	0.02075
33	8.227	VB	0.0399	6806.64502	2657.96680	0.14037
34	8.310	VB	0.0304	2946.14160	1533.09363	0.06076
35	8.382	VB	0.0453	2613.43164	839.68378	0.05390
36	8.517	VB	0.0293	253.76399	132.59618	0.00523
37	8.569	VB	0.0340	617.48804	287.95059	0.01273
38	8.708	VB	0.0566	9310.96875	2237.41650	0.19202
39	8.816	VB	0.0414	7187.51709	2673.24072	0.14823
40	8.926	VB	0.0478	1.50199e4	4519.19580	0.30976
41	9.066	VB	0.0384	7422.37793	3048.06958	0.15307
42	9.182	VB	0.0414	1.97215e4	7101.27783	0.40672
43	9.289	VB	0.0418	1805.18372	706.59229	0.03723
44	9.403	VB	0.0412	6371.62793	2379.27539	0.13140
45	9.522	VB	0.0403	2770.12720	969.87109	0.05713
46	9.607	VB	0.0353	775.08673	344.36005	0.01598
47	9.800	VB	0.0620	2.00889e5	4.18369e4	4.14297
48	10.007	VB	0.0287	943.74719	532.01971	0.01946
49	10.051	VB	0.0239	680.84338	443.63342	0.01404
50	10.189	VB	0.0536	1.39641e4	3738.39941	0.28798
51	10.290	VB	0.0322	1350.50647	600.91901	0.02785
52	10.408	VB	0.0537	4200.38525	1096.02002	0.08663
53	10.581	VB	0.0386	9007.93164	3551.99268	0.18577
54	10.664	VB	0.0642	1.35606e4	2920.96289	0.27966
55	10.845	VB	0.0299	281.04654	149.69063	0.00580
56	10.934	VB	0.0405	4094.93579	1737.05518	0.08445
57	11.002	VB	0.0399	3606.85132	1406.46094	0.07438
58	11.119	VB	0.0449	1.22175e4	4081.70483	0.25196
59	11.244	VB	0.0479	1.77429e4	5456.05469	0.36592
60	11.385	VB	0.0441	1.05455e4	3836.24854	0.21748
61	11.592	VB	0.0619	5.59669e4	1.30823e4	1.15421 IS
62	11.777	VB	0.0431	8055.09375	2838.17236	0.16612
63	11.901	VB	0.0521	3221.52783	892.81543	0.06644
64	11.986	VB	0.0220	307.66940	224.39093	0.00635
65	12.156	VB	0.0596	2.22190e5	4.74779e4	4.58226
66	12.229	VB	0.0274	4841.14062	2911.56641	0.09984
67	12.345	VB	0.0289	1116.26367	593.41205	0.02302
68	12.382	VB	0.0310	666.83331	324.09070	0.01375
69	12.475	VB	0.0366	1367.49524	558.67816	0.02820
70	12.559	VB	0.0619	3685.68188	742.32385	0.07601
71	12.751	VB	0.0439	2676.51099	869.22058	0.05520
72	12.879	VB	0.0432	2812.65674	989.05994	0.05801
73	12.990	VB	0.0350	5682.41895	2761.74731	0.11719
74	13.056	VB	0.0378	9248.04492	3620.35596	0.19072
75	13.144	VB	0.0276	868.45721	545.94232	0.01791
76	13.236	VB	0.0397	3398.15332	1250.95288	0.07008
77	13.306	VB	0.0409	6284.63135	2296.04077	0.12961

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
78	13.441	VB	0.0538	1.47936e4	4337.07031	0.30509
79	13.607	VB	0.0555	9.32325e4	2.39304e4	1.92275
80	13.721	VB	0.0443	1.79017e4	6096.75537	0.36919
81	13.854	VB	0.0383	1447.55090	523.11456	0.02985
82	13.985	VB	0.0684	1.41632e4	3038.97876	0.29209
83	14.146	VB	0.0474	7654.26563	2323.46313	0.15786
84	14.247	VB	0.0379	1285.72095	501.48071	0.02652
85	14.476	VB	0.0672	2.64885e5	5.21910e4	5.46277
86	14.622	VB	0.0463	7244.37061	2148.26758	0.14940
87	14.750	VB	0.0497	5260.70313	1471.31860	0.10849
88	14.831	VB	0.0182	207.74240	183.83501	0.00428
89	14.886	VB	0.0258	636.64368	394.18356	0.01313
90	14.957	VB	0.0426	1760.38757	545.66687	0.03630
91	15.251	VB	0.1034	9060.73633	1120.28809	0.18686
92	15.400	VB	0.0645	2.71702e4	5422.82471	0.56034
93	15.485	VB	0.0414	2136.83618	846.83252	0.04407
94	15.584	VB	0.0341	1632.81226	730.84729	0.03367
95	15.701	VB	0.0565	2.87510e4	7378.75391	0.59294
96	15.835	VB	0.0504	1.68541e4	5257.46289	0.34759
97	15.912	VB	0.0297	2471.59521	1328.74561	0.05097
98	15.979	VB	0.0331	8357.70410	3881.31396	0.17236
99	16.140	VB	0.0406	694.90302	248.58228	0.01433
100	16.220	VB	0.0261	255.46622	141.32561	0.00527
101	16.288	VB	0.0444	1773.78113	538.58911	0.03658
102	16.446	VB	0.0562	1.37768e4	3198.99219	0.28412
103	16.710	VB	0.0631	2.49706e5	5.01082e4	5.14973
104	16.827	VB	0.0363	4061.97461	1617.20410	0.08377
105	16.920	VB	0.0246	621.10522	370.23181	0.01281
106	16.973	VB	0.0207	374.14914	247.05670	0.00772
107	17.022	VB	0.0211	535.80762	518.36218	0.01105
108	17.158	VB	0.0427	1315.14795	406.56830	0.02712
109	17.223	VB	0.0431	3423.00024	1020.40881	0.07059
110	17.369	VB	0.0784	7093.86523	1097.12634	0.14630
111	17.652	VB	0.0571	2.61069e4	7987.59668	0.53841
112	17.789	VB	0.0560	7.39579e4	1.91730e4	1.52524
113	17.896	VB	0.0431	1.43840e4	5395.55371	0.29664
114	18.011	VB	0.0439	1.88183e4	6677.68457	0.38809
115	18.157	VB	0.0503	1.87222e4	5709.39307	0.38611
116	18.314	VB	0.0558	1498.57141	330.89594	0.03091
117	18.497	VB	0.0549	4854.54248	1134.51941	0.10012
118	18.643	VB	0.0408	2958.81763	1022.19275	0.06102
119	18.859	VB	0.0756	2.45954e5	4.30829e4	5.07235
120	19.054	VB	0.0658	1.69514e5	3.36582e4	3.49591
121	19.242	VB	0.0287	1263.06873	678.34271	0.02605
122	19.285	VB	0.0348	590.83698	267.58499	0.01218
123	19.368	VB	0.0394	2976.43262	954.63702	0.06138
124	19.439	VB	0.0213	189.16072	135.24284	0.00390
125	19.503	VB	0.0373	4980.49902	1918.60522	0.10271
126	19.582	VB	0.0187	475.72906	352.82144	0.00981

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
127	19.726	VB	0.0375	2487.90918	841.99713	0.05131
128	19.783	VB	0.0267	2986.35400	1858.66467	0.06159
129	19.836	VB	0.0335	1.25025e4	6218.50342	0.25784
130	19.915	VB	0.0344	2990.45264	1429.50903	0.06167
131	19.980	VB	0.0328	9179.87012	4705.48926	0.18932
132	20.094	VB	0.0444	1.92864e4	6532.71729	0.39775
133	20.235	VB	0.0393	1.41647e4	5447.14941	0.29212
134	20.312	VB	0.0292	1227.08044	643.54651	0.02531
135	20.371	VB	0.0257	441.03067	261.70679	0.00910
136	20.485	VB	0.0518	1899.78516	454.19888	0.03918
137	20.595	VB	0.0360	2552.46338	960.28973	0.05264
138	20.904	VB	0.0733	2.31730e5	4.08072e4	4.77901 18
139	21.139	VB	0.0668	1.32863e5	2.55082e4	2.74006 120
140	21.266	VB	0.0315	1700.60571	921.79901	0.03507
141	21.324	VB	0.0307	1441.82239	812.95569	0.02973
142	21.409	VB	0.0424	2414.22412	733.41467	0.04979
143	21.570	VB	0.0696	1.03393e4	1957.69373	0.21323
144	21.677	VB	0.0330	3938.24438	1764.63586	0.08122
145	21.721	VB	0.0160	543.69336	564.62408	0.01121
146	21.771	VB	0.0227	978.92865	727.53400	0.02019
147	21.853	VB	0.0255	2113.29346	1266.93286	0.04358
148	21.900	VB	0.0373	7484.08496	3445.78589	0.15435
149	21.965	VB	0.0286	3215.33569	1913.06702	0.06631
150	22.079	VB	0.0432	1.54637e4	4982.56934	0.31891
151	22.220	VB	0.0422	1.12251e4	4061.56055	0.23150
152	22.408	VB	0.0574	4080.22363	909.09668	0.08415
153	22.490	VB	0.0455	1190.37207	343.15182	0.02455
154	22.859	VB	0.0746	2.28878e5	3.95234e4	4.72018 19
155	22.901	VB	0.0268	995.24915	652.57501	0.02053
156	22.977	VB	0.0364	1582.78345	552.08850	0.03264
157	23.076	VB	0.0409	5440.60400	2052.70215	0.11220
158	23.159	VB	0.0501	3110.23047	842.62262	0.06414
159	23.319	VB	0.0483	4447.54248	1146.55945	0.09172
160	23.474	VB	0.0991	1728.91711	228.85265	0.03566
161	23.565	VB	0.0607	1.25144e4	2824.79443	0.25809
162	23.672	VB	0.0241	1015.03339	652.83643	0.02093
163	23.755	VB	0.0352	4715.55322	1885.16528	0.09725
164	23.864	VB	0.0554	2.36120e4	6986.24316	0.48695
165	23.976	VB	0.0394	1.31344e4	5394.61865	0.27087
166	24.117	VB	0.0354	7495.96777	3075.63013	0.15459
167	24.169	VB	0.0199	312.80539	282.92432	0.00645
168	24.268	VB	0.0352	1681.61157	628.50244	0.03468
169	24.411	VB	0.0559	1.18836e4	2778.08423	0.24508
170	24.730	VB	0.0695	2.01936e5	3.76997e4	4.16455 20
171	24.769	VB	0.0186	457.49841	342.91321	0.00944
172	24.812	VB	0.0442	1537.59924	445.84109	0.03171
173	24.988	VB	0.0435	3097.77295	937.73108	0.06389
174	25.051	VB	0.0399	2477.83228	935.32819	0.05110
175	25.154	VB	0.0240	254.46648	164.65738	0.00525

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %	
176	25.186	VB	0.0334	751.81665	320.55887	0.01550	
177	25.391	VB	0.0361	3978.03125	1776.74866	0.08204	
178	25.438	VB	0.0185	367.10168	372.82611	0.00757	
179	25.495	VB	0.0211	453.52576	328.59650	0.00935	
180	25.581	VB	0.0332	2696.45654	1202.30847	0.05561	
181	25.634	VB	0.0160	168.83749	152.02980	0.00348	
182	25.700	VB	0.0359	6760.45215	2728.86353	0.13942	
183	25.776	VB	0.0358	7716.47021	3016.88599	0.15914	
184	25.934	VB	0.0375	7213.82715	3060.50317	0.14877	
185	26.090	VB	0.0686	1.77912e4	3370.27734	0.36691	
186	26.513	VB	0.0642	1.77779e5	3.56675e4	3.66636	21
187	26.611	VB	0.0364	4837.09766	1794.74316	0.09976	
188	26.693	VB	0.0219	852.08130	500.64291	0.01757	
189	26.761	VB	0.0280	716.35974	363.26517	0.01477	
190	26.825	VB	0.0404	2672.21191	1061.28357	0.05511	
191	26.917	VB	0.0299	457.81479	223.22621	0.00944	
192	27.117	VB	0.0653	1.39511e4	2945.79785	0.28772	
193	27.192	VB	0.0271	1052.02490	677.36237	0.02170	
194	27.245	VB	0.0334	2238.94653	1070.79932	0.04617	
195	27.322	VB	0.0334	1296.77673	552.86017	0.02674	
196	27.441	VB	0.0353	5469.42871	2336.57031	0.11280	
197	27.530	VB	0.0383	6182.63477	2464.32617	0.12751	
198	27.575	VB	0.0180	1101.51733	1172.85095	0.02272	
199	27.672	VB	0.0291	4475.66260	2079.96289	0.09230	
200	27.739	VB	0.0418	2726.24219	863.59808	0.05622	
201	27.867	VB	0.0454	2253.05493	702.23029	0.04647	
202	27.915	VB	0.0297	868.95087	446.03464	0.01792	
203	28.229	VB	0.0552	1.31176e5	3.17223e4	2.70527	22
204	28.278	VB	0.0255	399.52307	260.94760	0.00824	
205	28.369	VB	0.0521	6465.39209	1709.74707	0.13334	
206	28.514	VB	0.0352	1531.16528	681.95380	0.03158	
207	28.586	VB	0.0352	2638.20264	985.06702	0.05441	
208	28.811	VB	0.0752	2.22937e4	3603.32349	0.45977	
209	28.924	VB	0.0299	1930.40125	942.07495	0.03981	
210	28.994	VB	0.0212	988.38391	632.55621	0.02038	
211	29.121	VB	0.0364	5025.47266	2142.21265	0.10364	
212	29.216	VB	0.0392	1.10642e4	4427.20898	0.22818	
213	29.296	VB	0.0252	1886.70129	1147.79480	0.03891	
214	29.342	VB	0.0286	2561.74512	1447.98718	0.05283	
215	29.399	VB	0.0115	84.50559	115.91611	0.00174	
216	29.435	VB	0.0236	308.12946	230.06255	0.00635	
217	29.478	VB	0.0277	699.37494	358.96454	0.01442	
218	29.544	VB	0.0308	911.55127	368.71817	0.01880	
219	29.714	VB	0.0138	104.72336	124.86583	0.00216	
220	29.871	VB	0.0519	1.24370e5	3.09398e4	2.56489	23
221	29.961	VB	0.0335	3012.11084	1326.48730	0.06212	
222	30.038	VB	0.0342	3960.68726	1698.79565	0.08168	
223	30.159	VB	0.0599	8015.97900	1733.91833	0.16531	
224	30.270	VB	0.0371	2000.30127	803.31934	0.04125	

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %	
225	30.386	VB	0.0525	9533.20410	2682.57202	0.19660	
226	30.486	VB	0.0189	445.76498	373.89877	0.00919	
227	30.543	VB	0.0328	2286.18359	1119.57678	0.04715	
228	30.609	VB	0.0245	1919.03992	1148.14526	0.03958	
229	30.676	VB	0.0159	314.39963	283.77325	0.00648	
230	30.728	VB	0.0328	2039.61011	1043.96741	0.04206	
231	30.819	VB	0.0261	3607.81152	2089.54053	0.07440	
232	30.867	VB	0.0280	2790.25073	1627.00122	0.05754	
233	30.951	VB	0.0372	1.02237e4	4391.44727	0.21084	
234	31.101	VB	0.0547	3460.86377	797.03986	0.07137	
235	31.195	VB	0.0107	127.44630	193.12645	0.00263	
236	31.280	VB	0.0271	1061.90820	514.59802	0.02190	
237	31.455	VB	0.0511	1.25194e5	3.10377e4	2.58189	24
238	31.564	VB	0.0373	5603.17188	2020.90662	0.11556	
239	31.644	VB	0.0353	2725.96143	1259.33521	0.05622	
240	31.707	VB	0.0171	417.40247	371.53262	0.00861	
241	31.784	VB	0.0464	3121.88696	859.13849	0.06438	
242	31.935	VB	0.0601	1.05677e4	2563.20947	0.21794	
243	32.033	VB	0.0204	565.38361	379.48154	0.01166	
244	32.096	VB	0.0284	2015.61218	1099.27698	0.04157	
245	32.160	VB	0.0351	1731.62207	773.48969	0.03571	
246	32.267	VB	0.0305	2643.51416	1120.58386	0.05452	
247	32.355	VB	0.0384	7589.61914	3016.71997	0.15652	
248	32.489	VB	0.0596	7573.95020	1681.17517	0.15620	
249	32.550	VB	0.0389	3776.30566	1297.73633	0.07788	
250	32.739	VB	0.0219	674.04779	394.32111	0.01390	
251	32.812	VB	0.0293	1004.56085	445.07852	0.02072	
252	32.966	VB	0.0495	9.32639e4	2.44534e4	1.92340	25
253	33.012	VB	0.0493	1139.15967	300.13635	0.02349	
254	33.114	VB	0.0298	2321.48804	1092.34375	0.04788	
255	33.195	VB	0.0288	2251.79102	1103.79687	0.04644	
256	33.246	VB	0.0193	356.28574	254.83040	0.00735	
257	33.297	VB	0.0290	298.40427	171.51640	0.00615	
258	33.422	VB	0.0569	1.15446e4	2751.84619	0.23809	
259	33.584	VB	0.0335	2317.85376	1105.72729	0.04780	
260	33.660	VB	0.0318	2657.31982	1077.56128	0.05480	
261	33.771	VB	0.0328	2217.89990	1004.21271	0.04574	
262	33.846	VB	0.0345	8039.08594	3533.98413	0.16579	
263	33.905	VB	0.0170	135.73219	113.16462	0.00280	
264	33.978	VB	0.0348	7954.16211	3599.15063	0.16404	
265	34.078	VB	0.0387	4504.97412	1657.37146	0.09291	
266	34.137	VB	0.0102	59.45301	85.10300	0.00123	
267	34.193	VB	0.0388	1115.29834	363.03326	0.02300	
268	34.258	VB	0.0199	236.52034	153.80482	0.00488	
269	34.428	VB	0.0518	8.91897e4	2.32430e4	1.83937	26
270	34.503	VB	0.0422	4950.88916	1554.27161	0.10210	
271	34.606	VB	0.0377	7932.97900	3471.19385	0.16360	
272	34.675	VB	0.0378	1489.30334	485.84225	0.03071	
273	34.857	VB	0.0434	4937.56348	1834.99768	0.10183	

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
274	34.925	VB	0.0219	552.55914	341.59058	0.01140
275	34.974	VB	0.0174	274.52173	257.67374	0.00566
276	35.031	VB	0.0298	1214.23901	681.09296	0.02504
277	35.102	VB	0.0390	4221.23877	1405.07629	0.08706
278	35.284	VB	0.0618	1.53001e4	3254.54687	0.31554
279	35.432	VB	0.0524	8982.84375	2212.23535	0.18525
280	35.550	VB	0.0320	2517.34595	1174.65088	0.05192
281	35.615	VB	0.0317	798.29419	410.69855	0.01646
282	35.663	VB	0.0158	74.23129	80.29606	0.00153
283	35.829	VB	0.0457	6.26191e4	1.79552e4	1.29140
284	35.881	VB	0.0435	2858.94971	888.96613	0.05896
285	36.039	VB	0.0660	4447.09619	910.77411	0.09171
286	36.168	VB	0.0240	450.28500	309.18048	0.00929
287	36.245	VB	0.0440	4535.59277	1390.71484	0.09354
288	36.417	VB	0.0549	6600.24414	1482.73547	0.13612
289	36.476	VB	0.0310	955.21222	428.27698	0.01970
290	36.580	VB	0.0329	2578.00928	1119.31201	0.05317
291	36.659	VB	0.0329	2685.72974	1370.23889	0.05539
292	36.716	VB	0.0291	909.16187	528.60291	0.01875
293	36.783	VB	0.0286	1864.11560	921.00958	0.03844
294	36.849	VB	0.0392	4554.08740	1704.87744	0.09392
295	36.963	VB	0.0330	2708.09497	1372.40161	0.05585
296	37.013	VBA	0.0692	1367.90955	241.25150	0.02821
297	37.178	BB	0.0420	4.37651e4	1.46030e4	0.90257
298	37.228	VB	0.0355	881.44971	337.32452	0.01818
299	37.331	VB	0.0317	2058.58057	900.62451	0.04245
300	37.414	VB	0.0241	659.03101	450.35489	0.01359
301	37.475	VB	0.0433	2685.69800	862.44183	0.05539
302	37.586	VB	0.0542	4346.14697	1097.54565	0.08963
303	37.758	VB	0.0340	3231.81177	1301.85461	0.06665
304	37.815	VB	0.0255	1188.35815	677.60425	0.02451
305	37.921	VB	0.0302	1669.60059	772.38373	0.03443
306	37.975	VB	0.0267	877.19788	470.69827	0.01809
307	38.058	VB	0.0289	681.42352	332.38873	0.01405
308	38.115	VB	0.0238	754.09277	444.79559	0.01555
309	38.197	VB	0.0433	3917.70776	1293.35803	0.08080
310	38.315	VB	0.0531	3048.75977	910.38452	0.06288
311	38.486	VB	0.0407	3.83279e4	1.28699e4	0.79044
312	38.597	VB	0.0169	163.76755	147.83835	0.00338
313	38.653	VB	0.0257	597.25653	307.08047	0.01232
314	38.747	VB	0.0270	559.95978	343.58820	0.01155
315	38.803	VB	0.0265	435.36905	225.35788	0.00898
316	38.863	VB	0.0528	3795.14893	888.42609	0.07827
317	39.048	VB	0.0624	4597.46289	950.72583	0.09481
318	39.212	VB	0.0274	929.32269	443.89563	0.01917
319	39.266	VB	0.0281	2696.08472	1304.44006	0.05560
320	39.385	VB	0.0414	2903.62964	883.12292	0.05988
321	39.510	VB	0.0417	3141.28223	1087.04333	0.06478
322	39.637	VB	0.0329	3897.13916	1575.15076	0.08037

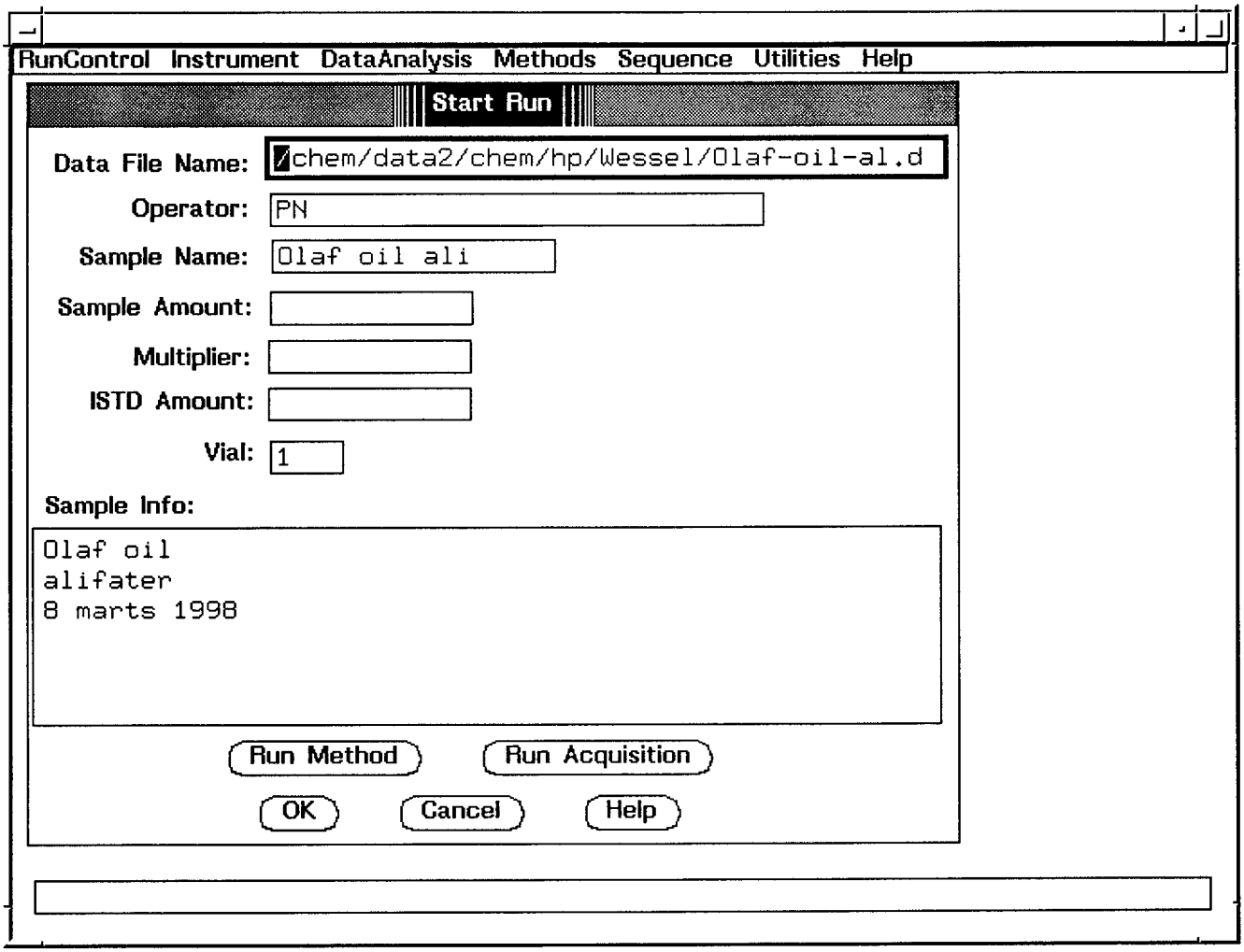
Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
323	39.745	VB	0.0420	2.52249e4	8922.03223	0.52022
324	39.844	VB	0.0251	576.11688	304.15063	0.01188
325	39.948	VB	0.0385	639.86499	210.34441	0.01320
326	40.115	VB	0.0618	3935.95532	808.48108	0.08117
327	40.193	VB	0.0285	341.73682	169.90321	0.00705
328	40.282	VB	0.0393	1351.82617	473.48047	0.02788
329	40.368	VB	0.0317	686.86365	289.28235	0.01417
330	40.449	VB	0.0150	125.49654	163.23354	0.00259
331	40.510	VB	0.0312	1942.25415	833.21490	0.04006
332	40.643	VB	0.0295	1142.80176	523.43060	0.02357
333	40.716	VB	0.0377	3138.23364	1369.15735	0.06472
334	40.767	VB	0.0344	1093.66711	406.92838	0.02255
335	40.970	VB	0.0456	2.11698e4	7147.01611	0.43659
336	41.078	VB	0.0430	675.31348	207.31146	0.01393
337	41.180	VB	0.0456	700.81964	191.73462	0.01445
338	41.320	VB	0.0640	5016.13623	991.16504	0.10345
339	41.505	VB	0.0355	980.55859	387.93857	0.02022
340	41.574	VB	0.0189	190.89296	140.23116	0.00394
341	41.663	VB	0.0268	288.77792	154.70100	0.00596
342	41.726	VB	0.0408	2216.90796	766.19794	0.04572
343	41.843	VB	0.0322	940.92780	435.53586	0.01940
344	41.944	VB	0.0347	1956.17163	887.21106	0.04034
345	41.997	VB	0.0242	335.83679	193.78732	0.00693
346	42.158	VB	0.0427	1.66285e4	5586.61230	0.34293
347	42.291	VB	0.0433	469.52069	142.92841	0.00968
348	42.491	VB	0.0640	3597.44971	791.92682	0.07419
349	42.687	VB	0.0612	2296.21143	476.56348	0.04736
350	42.839	VB	0.0334	316.65524	145.68185	0.00653
351	42.917	VB	0.0447	2699.97778	736.87665	0.05568
352	43.016	VB	0.0336	672.08331	274.07086	0.01386
353	43.125	VB	0.0367	1042.16504	439.59872	0.02149
354	43.188	VB	0.0262	352.94641	214.99799	0.00728
355	43.315	VB	0.0477	1.29032e4	4216.57080	0.26611
356	43.518	VB	0.0298	173.28888	78.41754	0.00357
357	43.650	VB	0.0485	2290.59595	613.71106	0.04724
358	43.837	VB	0.0699	2444.40723	433.07074	0.05041
359	43.977	VB	0.0204	150.28146	113.74078	0.00310
360	44.038	VB	0.0480	2105.64380	646.37598	0.04343
361	44.153	VB	0.0448	598.68799	171.16281	0.01235
362	44.320	VB	0.0408	1311.24646	415.18457	0.02704
363	44.440	VB	0.0640	1.22149e4	2690.05493	0.25191
364	44.754	VB	0.0661	2450.34302	460.34387	0.05053
365	44.890	VB	0.0381	291.15936	99.73101	0.00600
366	44.985	VB	0.0269	200.98686	102.49149	0.00414
367	45.133	VB	0.0378	357.77356	131.34036	0.00738
368	45.206	VB	0.0415	866.43762	301.33746	0.01787
369	45.334	VBA	0.0691	501.45715	89.89145	0.01034
370	45.546	PB	0.0380	3673.17773	1475.50012	0.07575
371	45.646	VB	0.0373	1138.78564	424.48328	0.02349

30 31 32 33

Peak #	RetTime [min]	Type	Width [min]	Area counts*s	Height [counts]	Area %
372	45.880	VBA	0.0789	3409.50317	524.07581	0.07031
373	46.254	BB	0.0592	584.70520	128.31310	0.01206
374	46.446	VB	0.0491	782.44257	227.51006	0.01614
375	46.773	BB	0.0414	2371.85645	759.27710	0.04892
376	46.923	VBA	0.0751	1601.17371	266.36197	0.03302
377	47.149	BBA	0.0619	1271.50488	247.74701	0.02622
378	47.811	PBA	0.0848	722.45074	102.98550	0.01490
379	48.170	BBA	0.0582	1919.07166	421.10553	0.03958
380	48.395	BBA	0.0915	464.59009	63.41502	0.00958
381	48.615	BBA	0.0627	1061.18933	207.43118	0.02189
382	49.826	BBA	0.0635	1262.53320	265.60016	0.02604
383	50.317	PBA	0.0886	1069.91602	160.92947	0.02207
384	51.773	BBA	0.0734	882.57172	150.53020	0.01820
385	52.338	BBA	0.0969	855.65131	109.76118	0.01765
Totals :				4.84892e6	1.22551e6	

Calibration Curves

*** End of Report ***

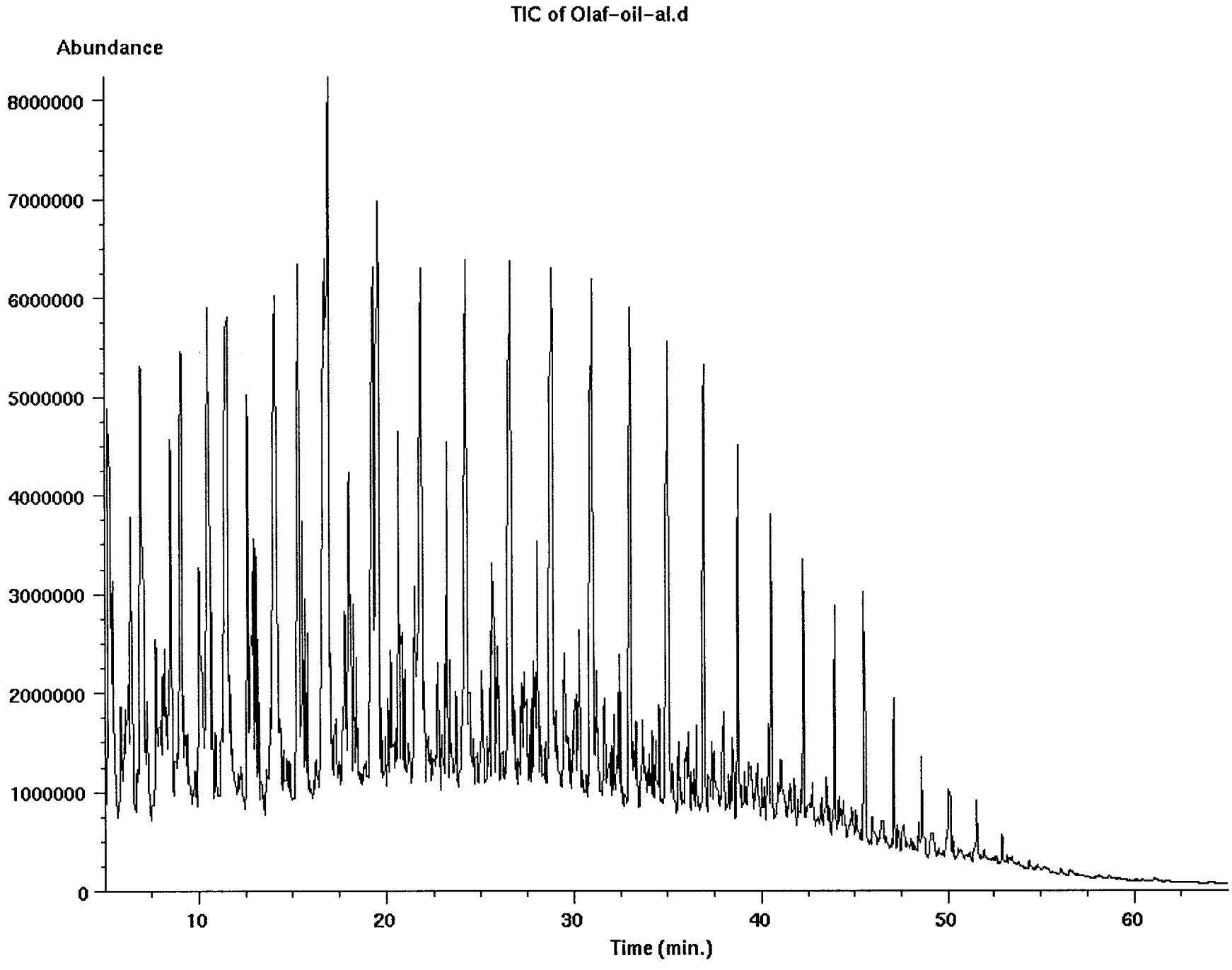

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name:
/chem/data2/chem/hp/Wessel/Olaf-oil-al.d
Operator:
PN
Sample Name:
Olaf oil ali
Sample Amount:
Multiplier:
ISTD Amount:
Vial:
1
Sample Info:
Olaf oil
alifater
8 marts 1998
Run Method
Run Acquisition
OK
Cancel
Help

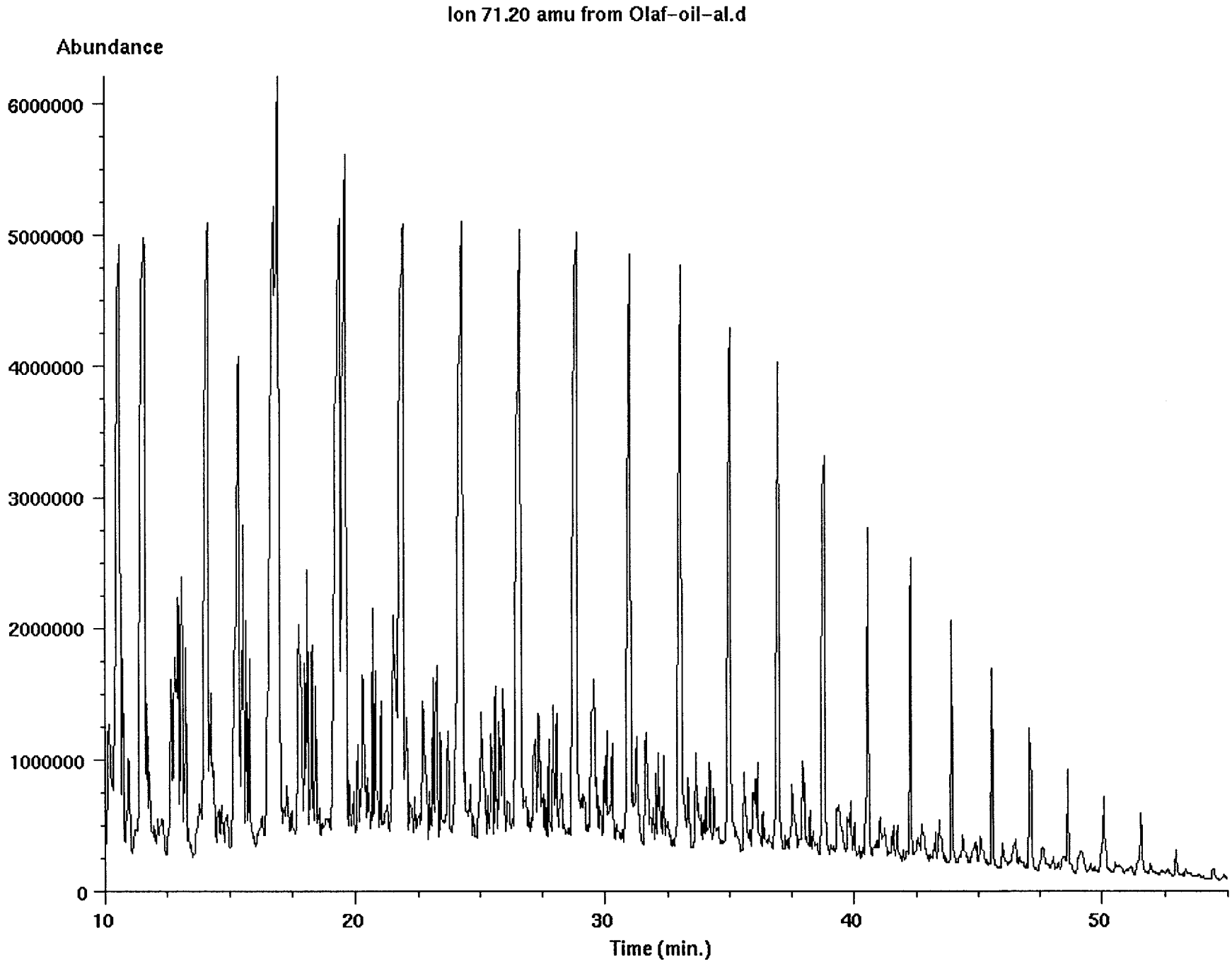
Data file: /chem/data2/chem/hp/Wessel/Olaf-oil-al.d
File type: GC / MS DATA FILE

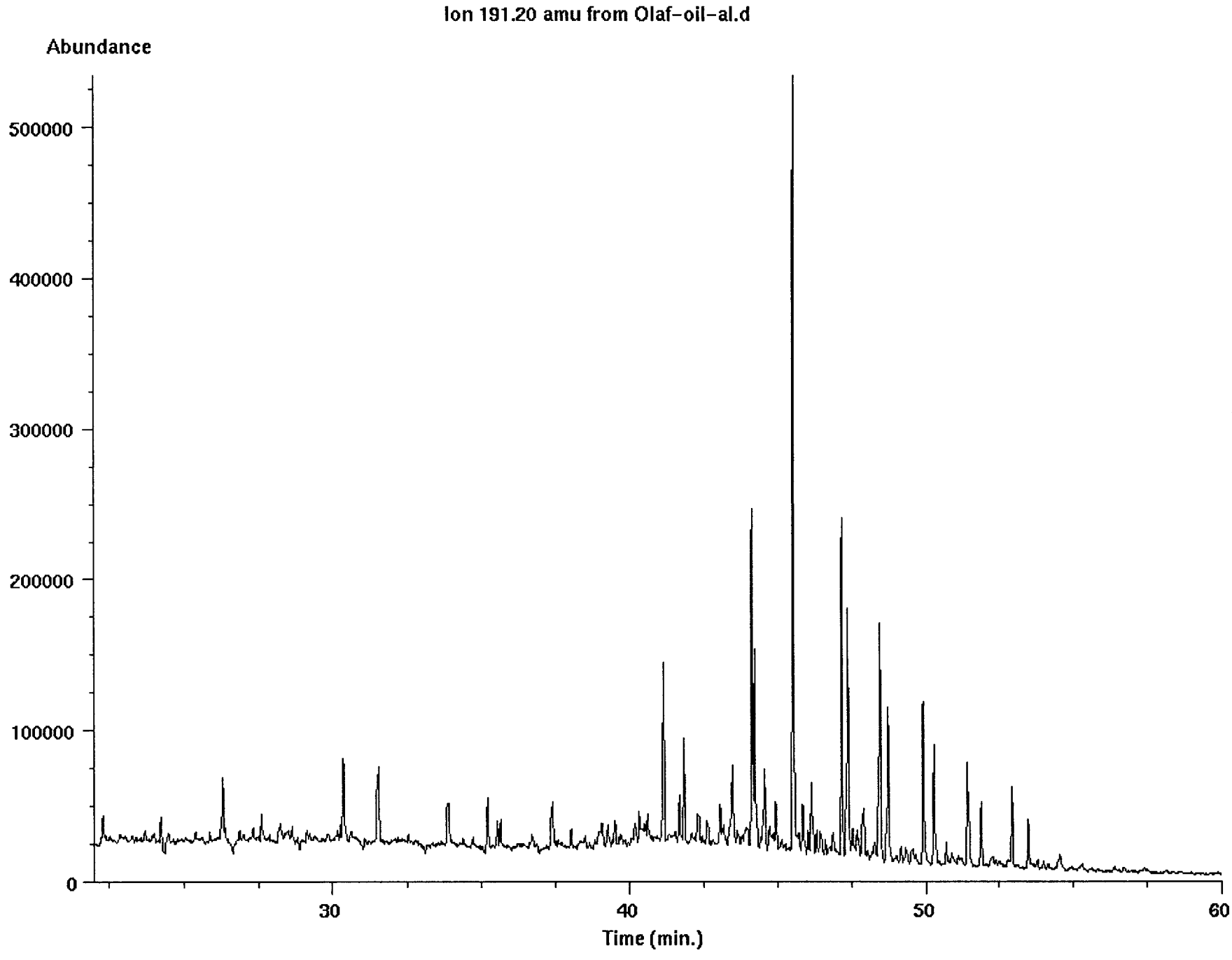
Name Info: Olaf oil ali
Misc Info:
Operator : PN

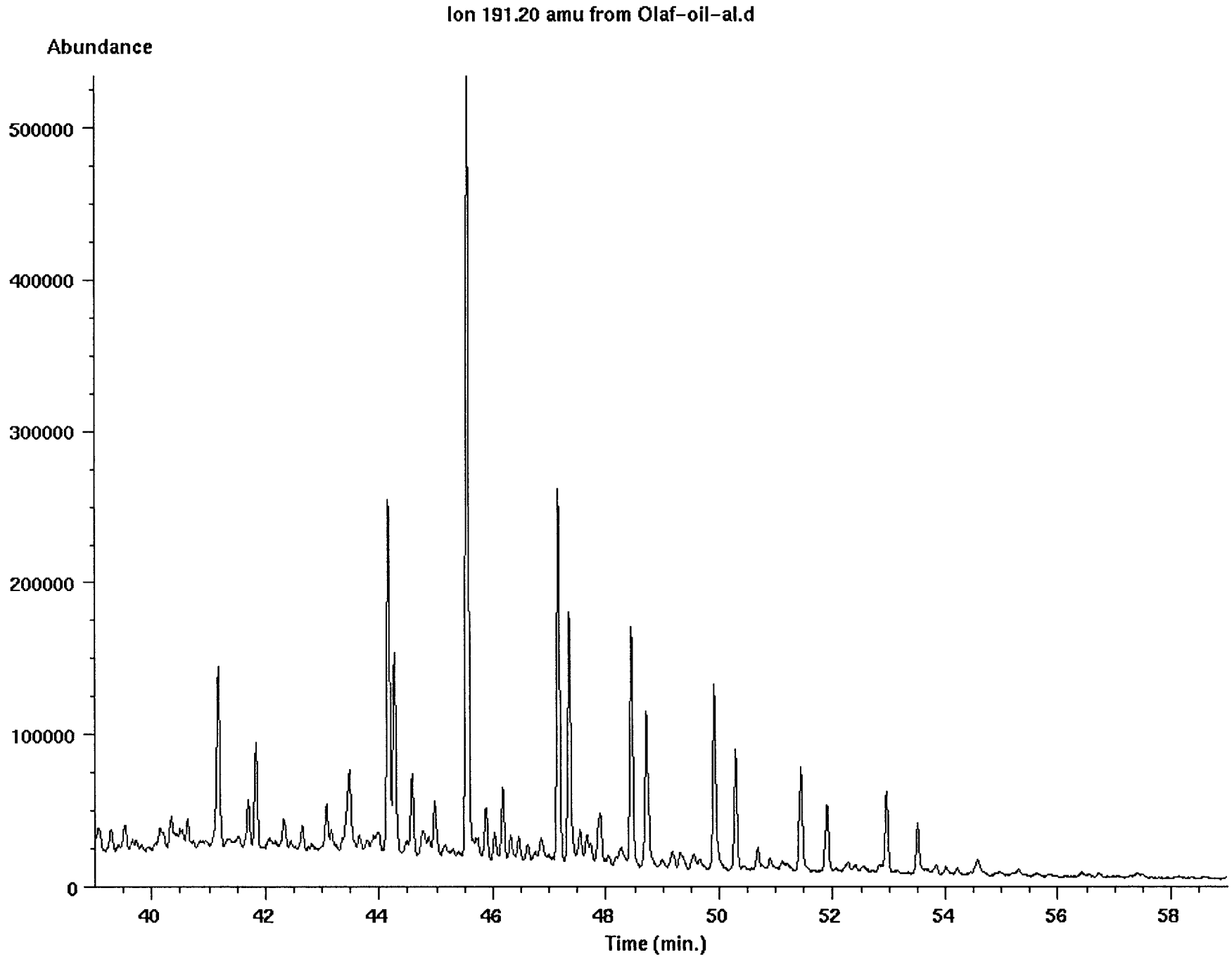
Date : Sun Mar 08 98 07:28:40 PM
Instrment: HP5971
Inlet : GC

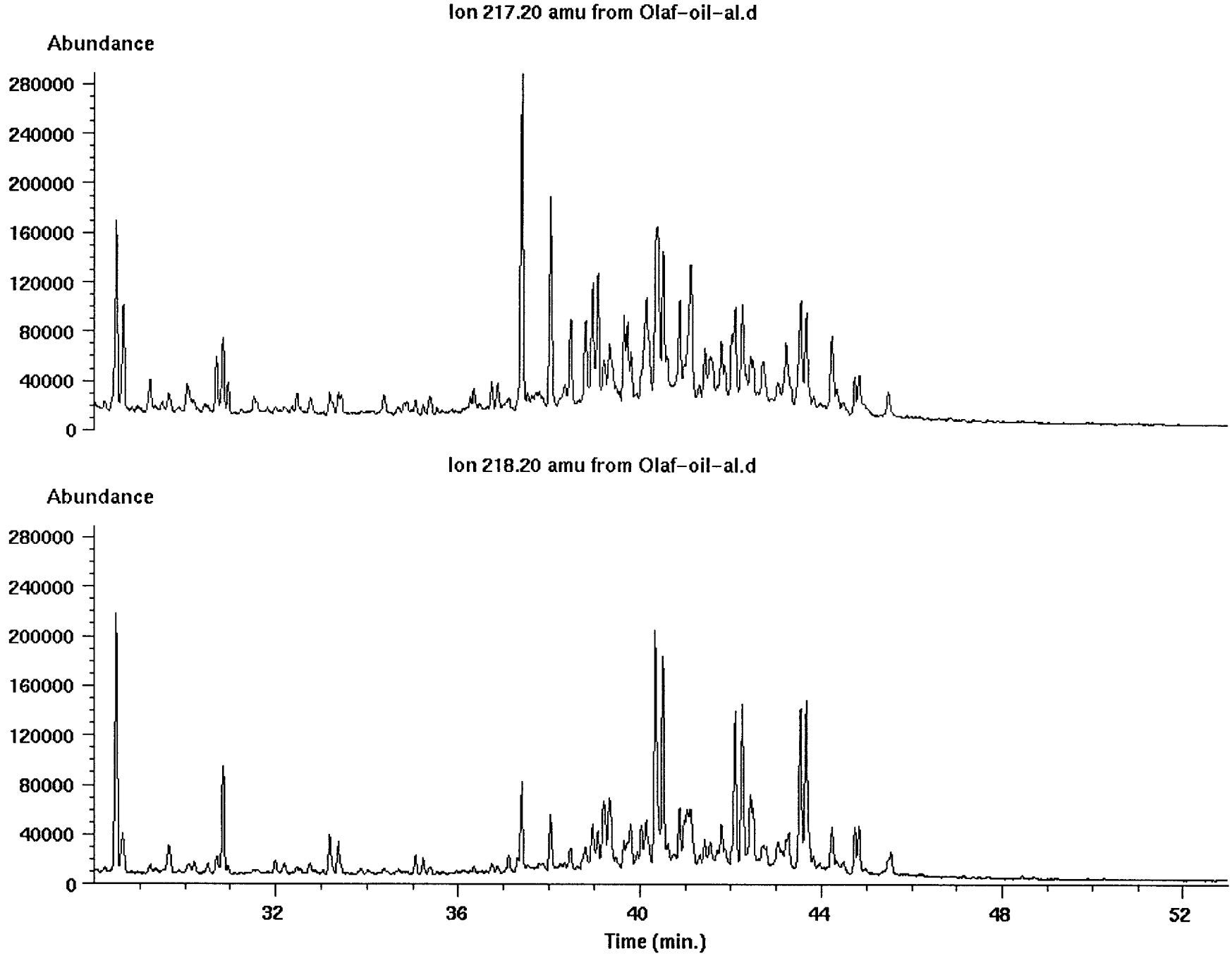
Sequence index : 0
Als bottle num : 1
Replicate num : 1

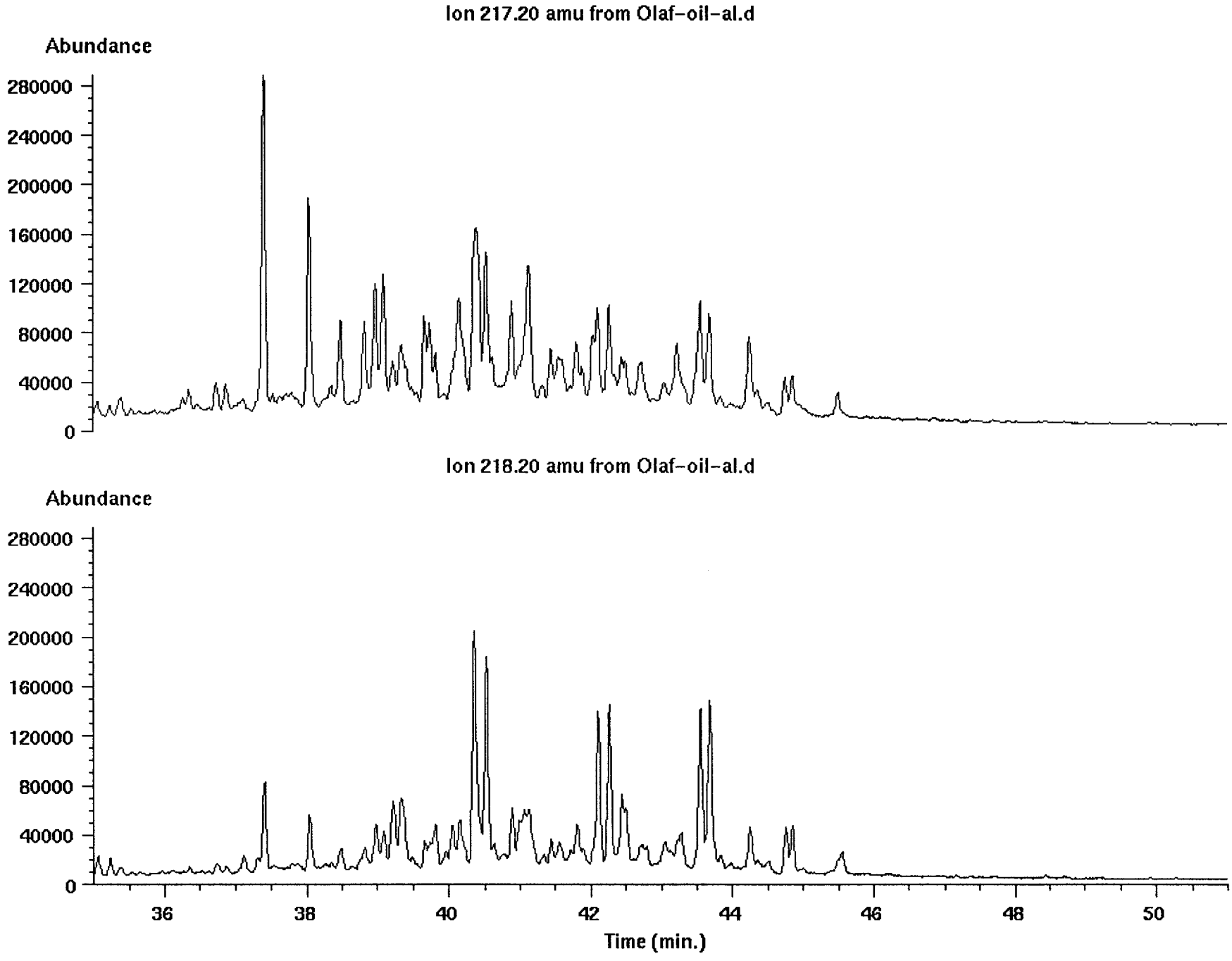

TIC of Olaf-oil-al.d
Abundance
8000000
7000000
6000000
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
60
Time (min.)

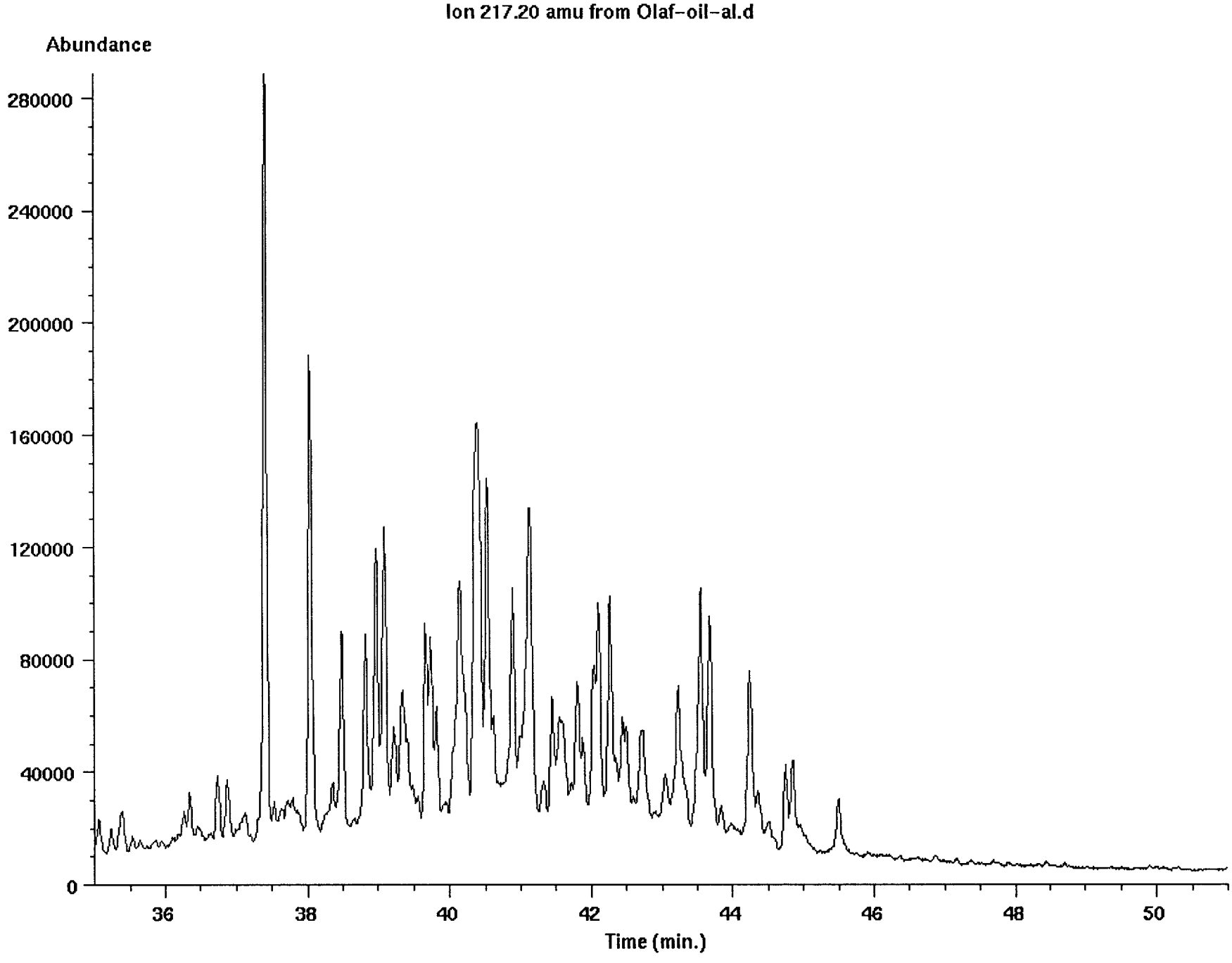

Ion 71.20 amu from Olaf-oil-al.d
Abundance
6000000
5000000
4000000
3000000
2000000
1000000
0
10
20
30
40
50
Time (min.)

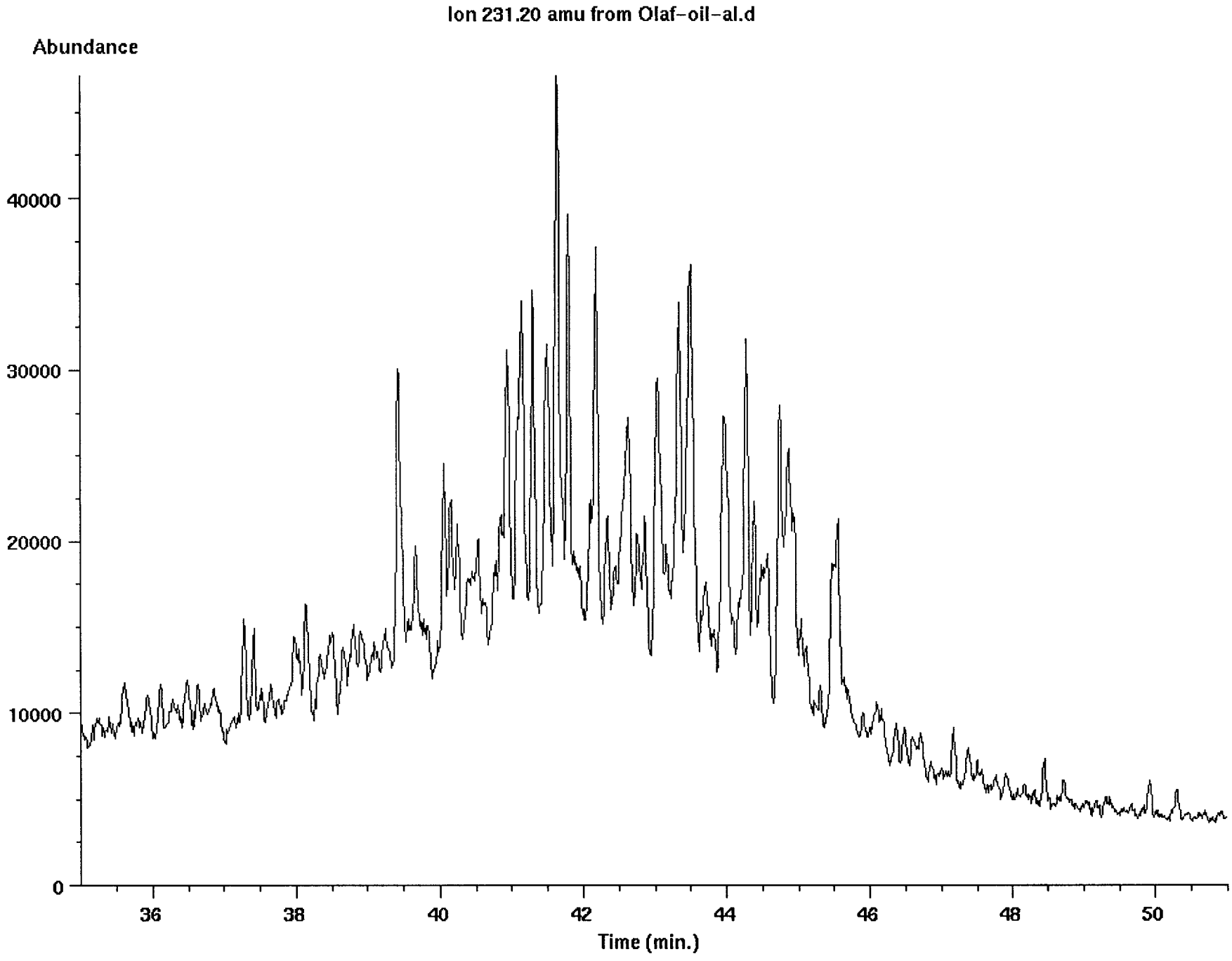

Ion 191.20 amu from Olaf-oil-al.d
Abundance
500000
400000
300000
200000
100000
0
30
40
50
60
Time (min.)

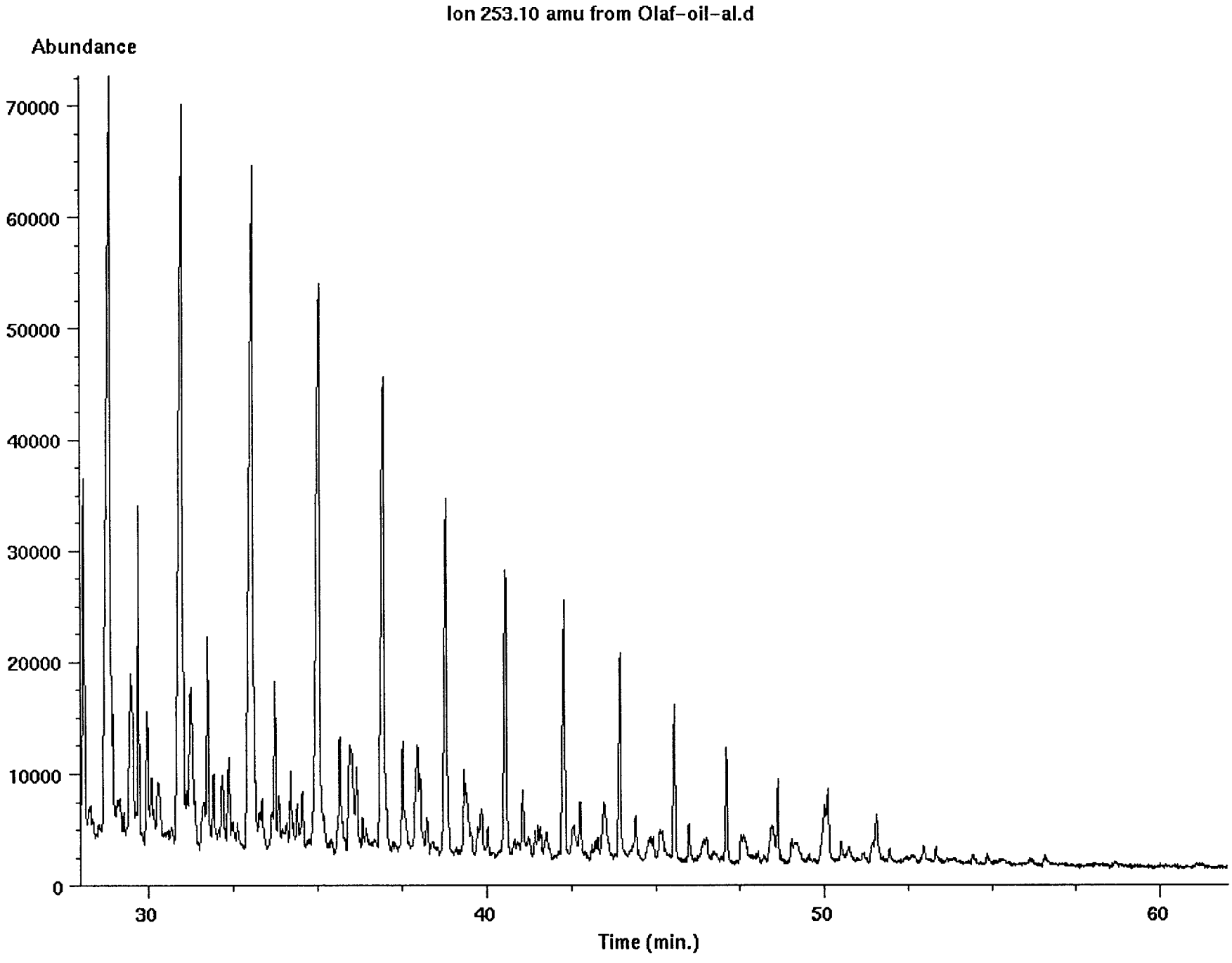

Ion 191.20 amu from Olaf-oil-al.d
Abundance
500000
400000
300000
200000
100000
0
40
42
44
46
48
50
52
54
56
58
Time (min.)

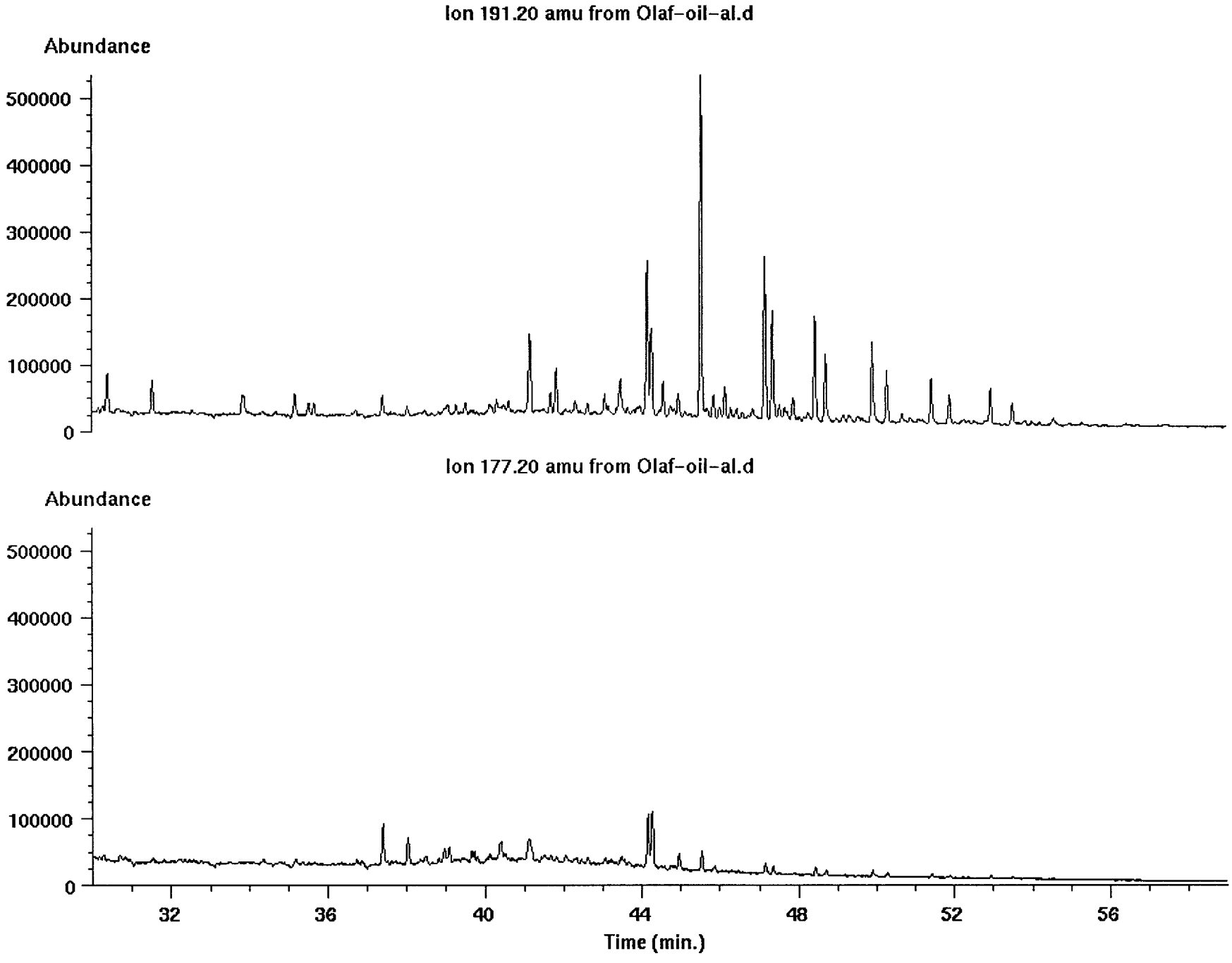

Ion 217.20 amu from Olaf-oil-al.d
Abundance
280000
240000
200000
160000
120000
80000
40000
0
Ion 218.20 amu from Olaf-oil-al.d
Abundance
280000
240000
200000
160000
120000
80000
40000
0
32
36
40
44
48
52
Time (min.)

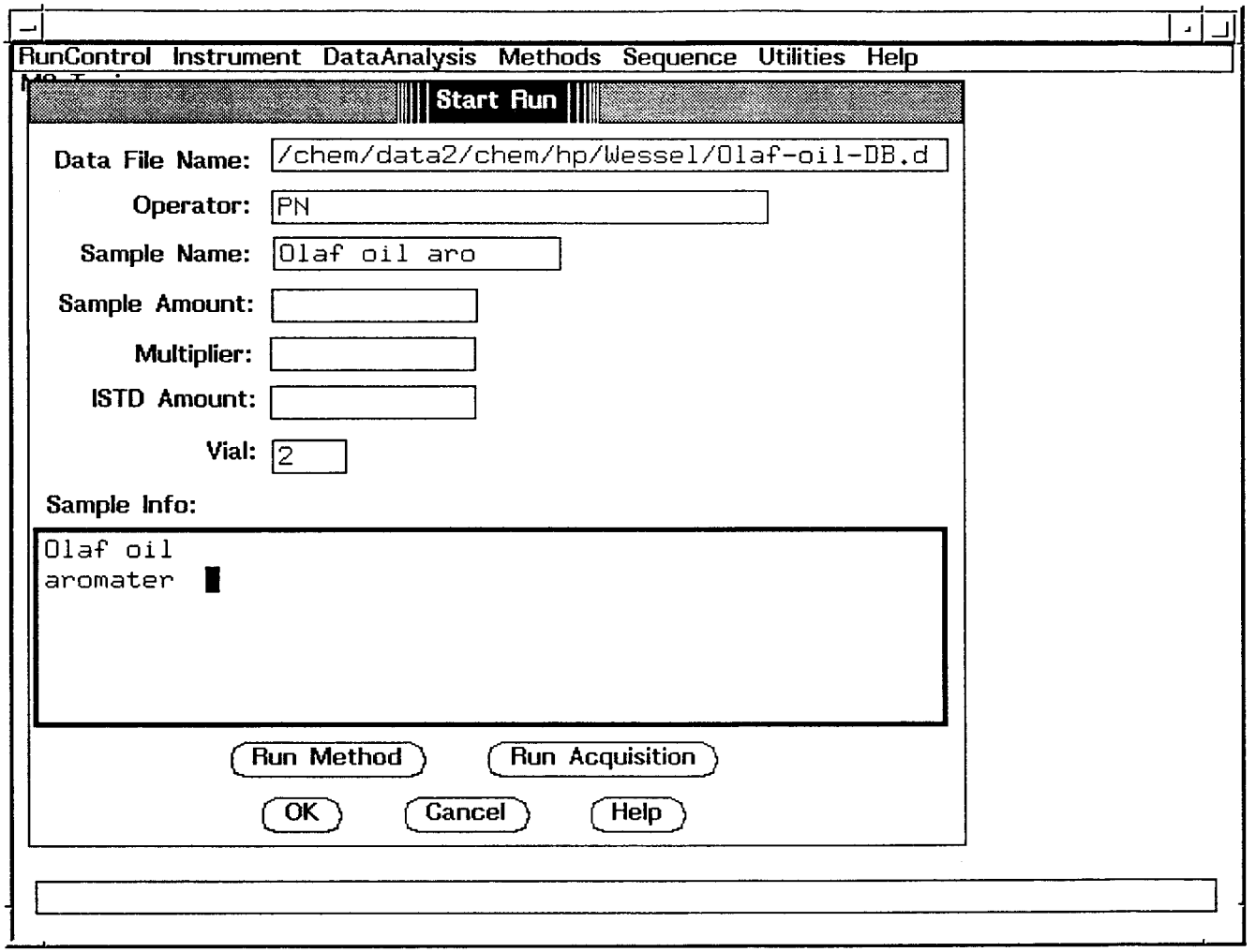

Ion 217.20 amu from Olaf-oil-al.d
Abundance
280000
240000
200000
160000
120000
80000
40000
0
Ion 218.20 amu from Olaf-oil-al.d
Abundance
280000
240000
200000
160000
120000
80000
40000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 217.20 amu from Olaf-oil-al.d
Abundance
280000
240000
200000
160000
120000
80000
40000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 231.20 amu from Olaf-oil-al.d
Abundance
40000
30000
20000
10000
0
36
38
40
42
44
46
48
50
Time (min.)


Ion 253.10 amu from Olaf-oil-al.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
30
40
50
60
Time (min.)


Ion 191.20 amu from Olaf-oil-al.d
Abundance
500000
400000
300000
200000
100000
0
Ion 177.20 amu from Olaf-oil-al.d
Abundance
500000
400000
300000
200000
100000
0
32
36
40
44
48
52
56
Time (min.)

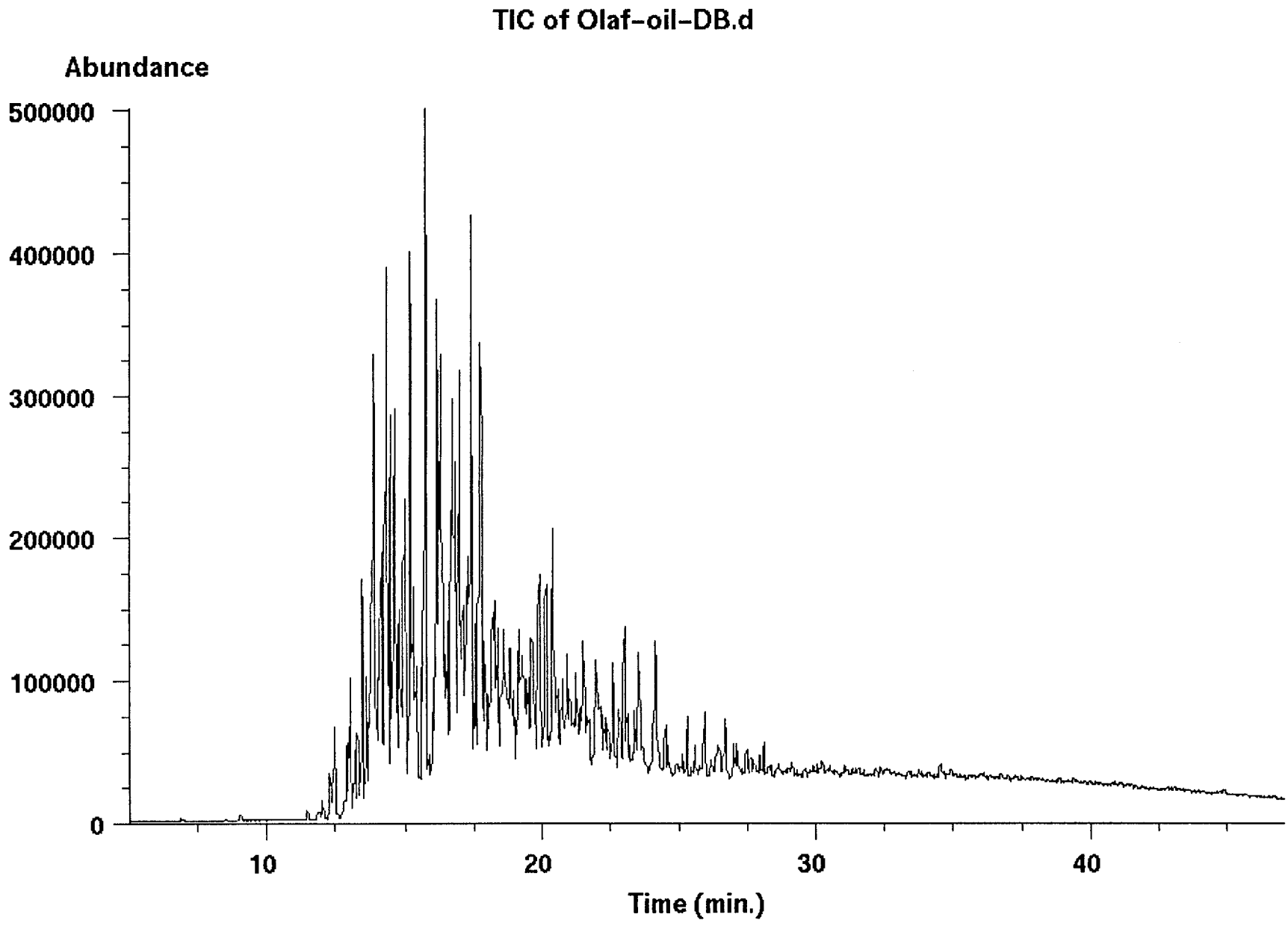

RunControl Instrument DataAnalysis Methods Sequence Utilities Help
Start Run
Data File Name: /chem/data2/chem/hp/Wessel/Olaf-oil-DB.d
Operator: PN
Sample Name: Olaf oil aro
Sample Amount:
Multiplier:
ISTD Amount:
Vial: 2
Sample Info:
Olaf oil
aromater
Run Method
Run Acquisition
OK
Cancel
Help

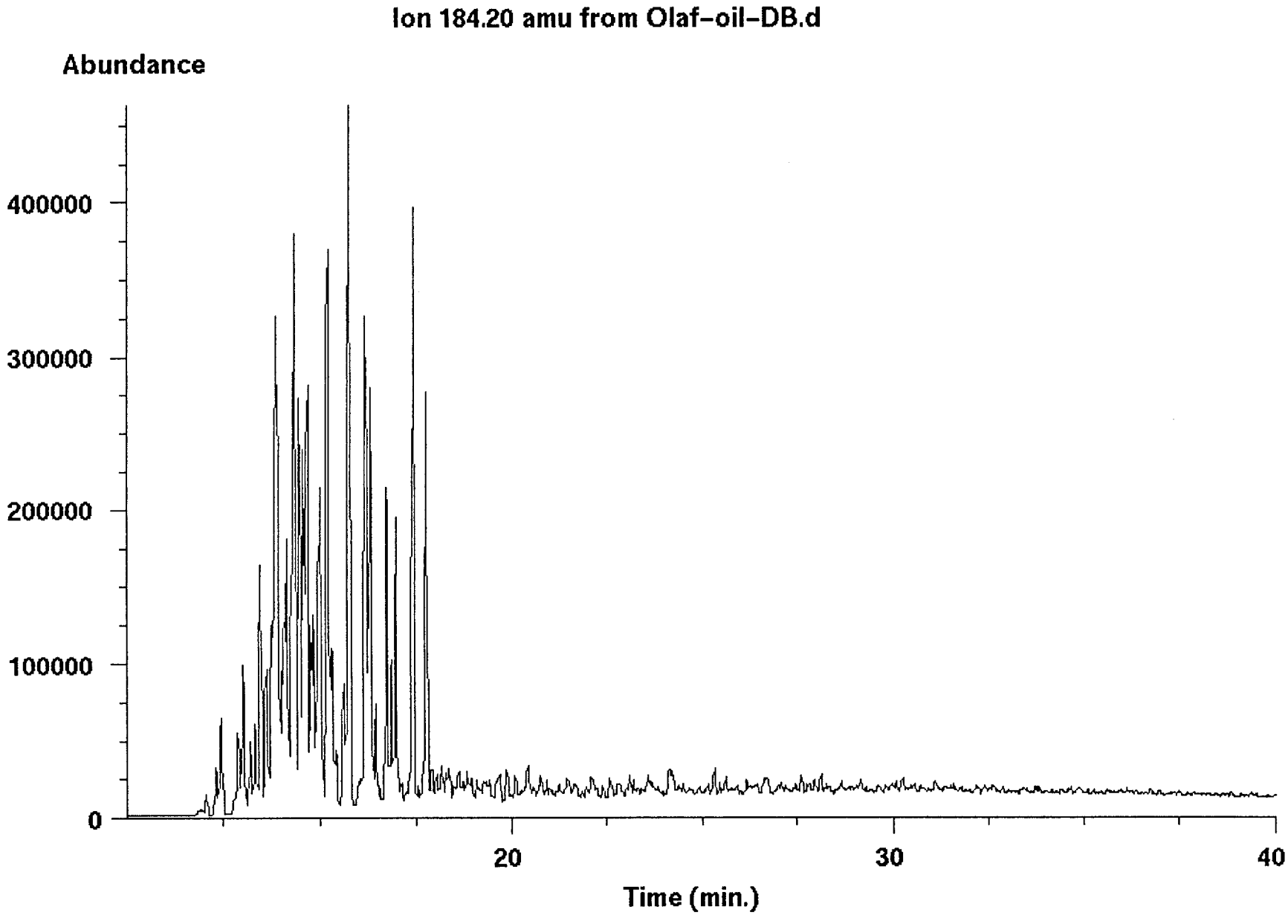
Data file: /chem/data2/chem/hp/Wessel/Olaf-oil-DB.d
File type: GC / MS DATA FILE

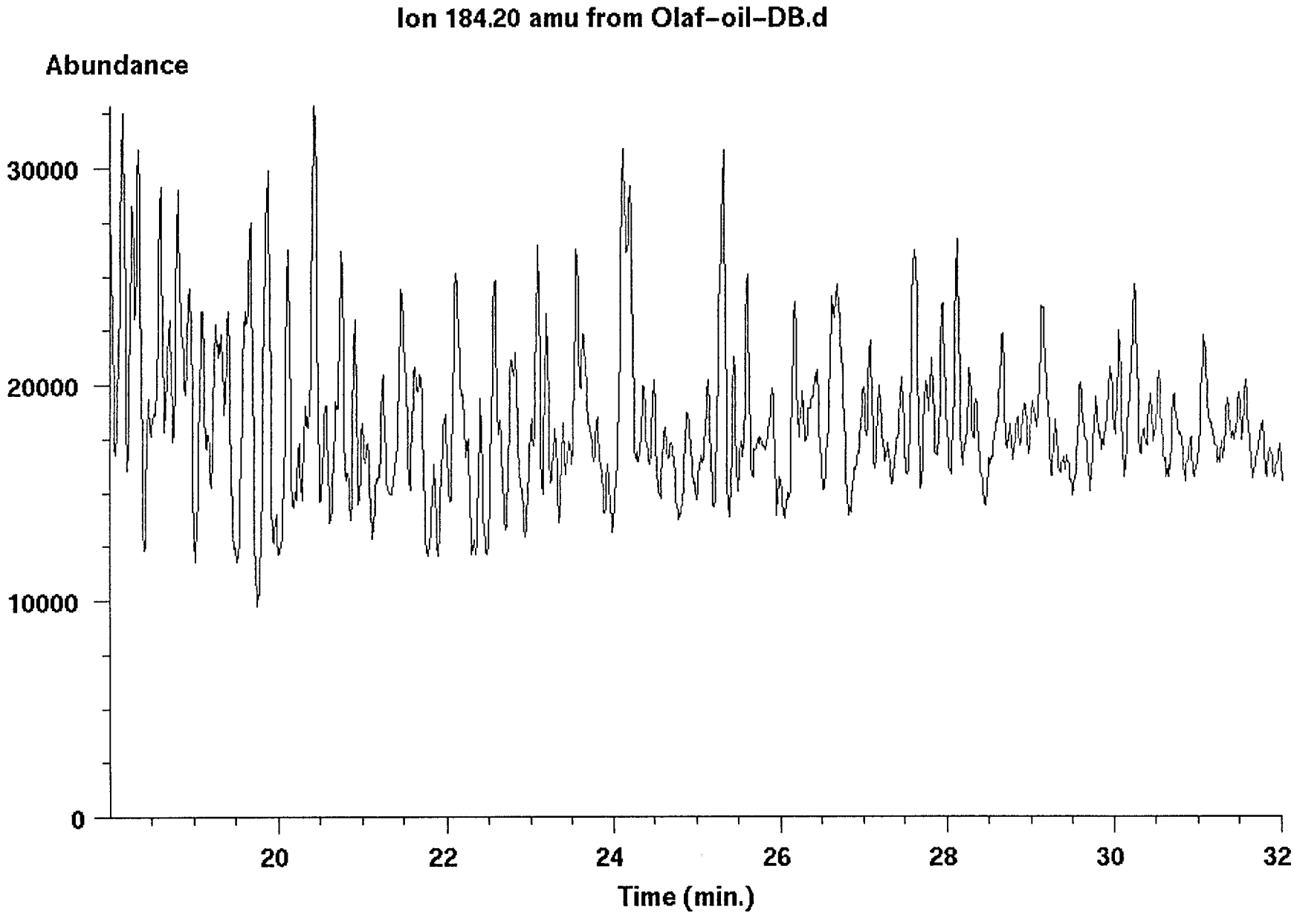
Name Info: Olaf oil aro
Misc Info:
Operator : PN

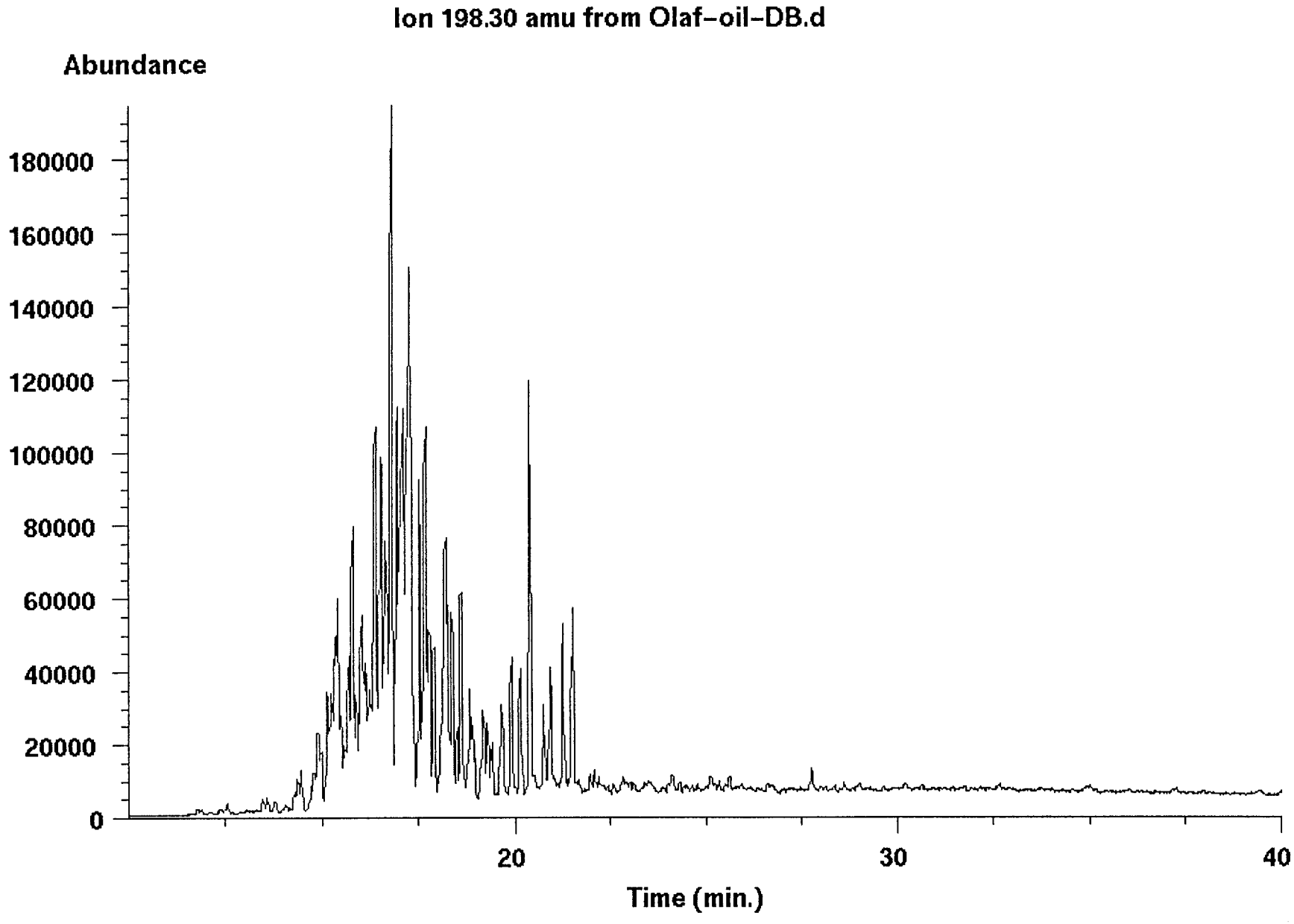
Date : Mon Mar 09 98 07:08:02 PM
Instrment: HP5971
Inlet : GC

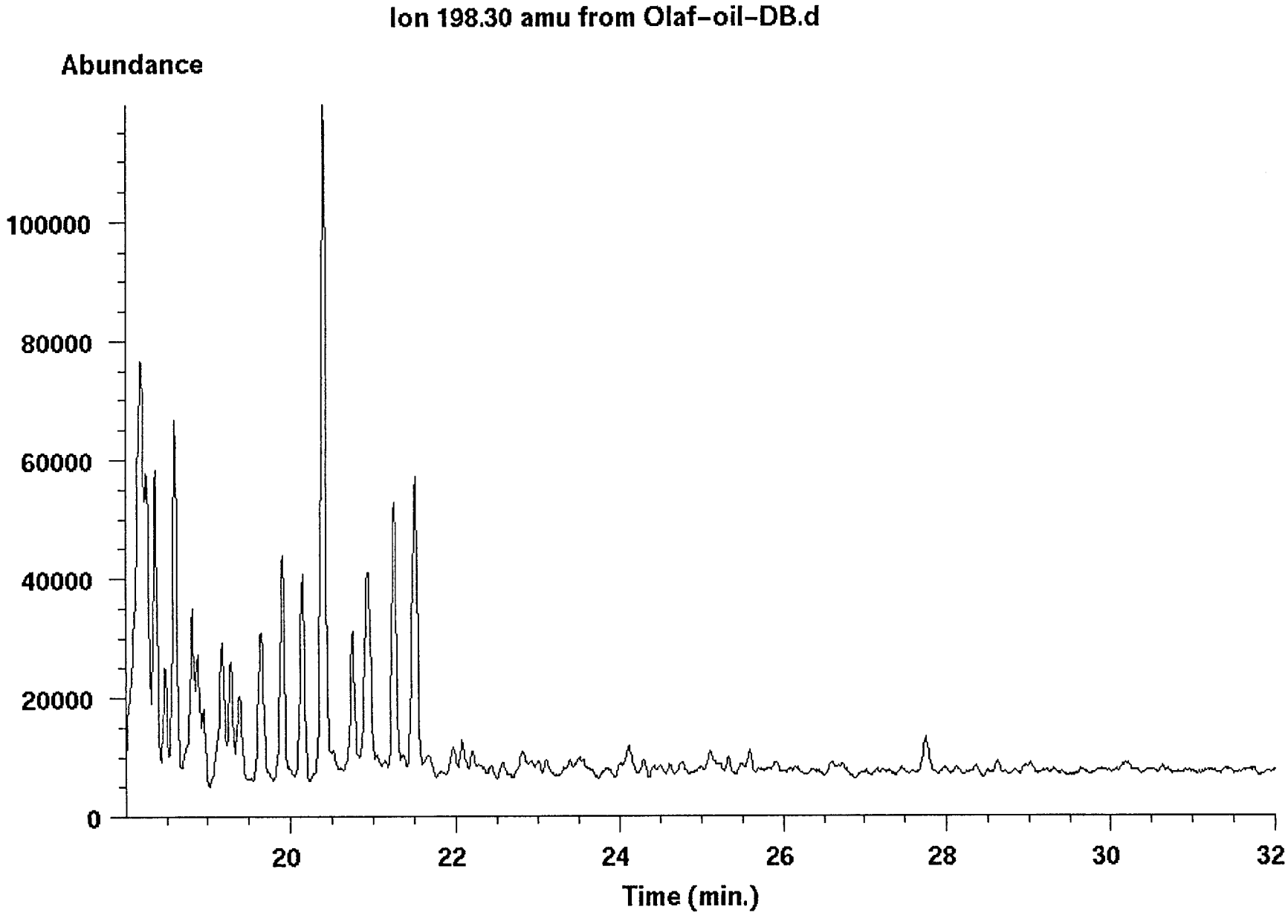
Sequence index : 0
Als bottle num : 2
Replicate num : 1

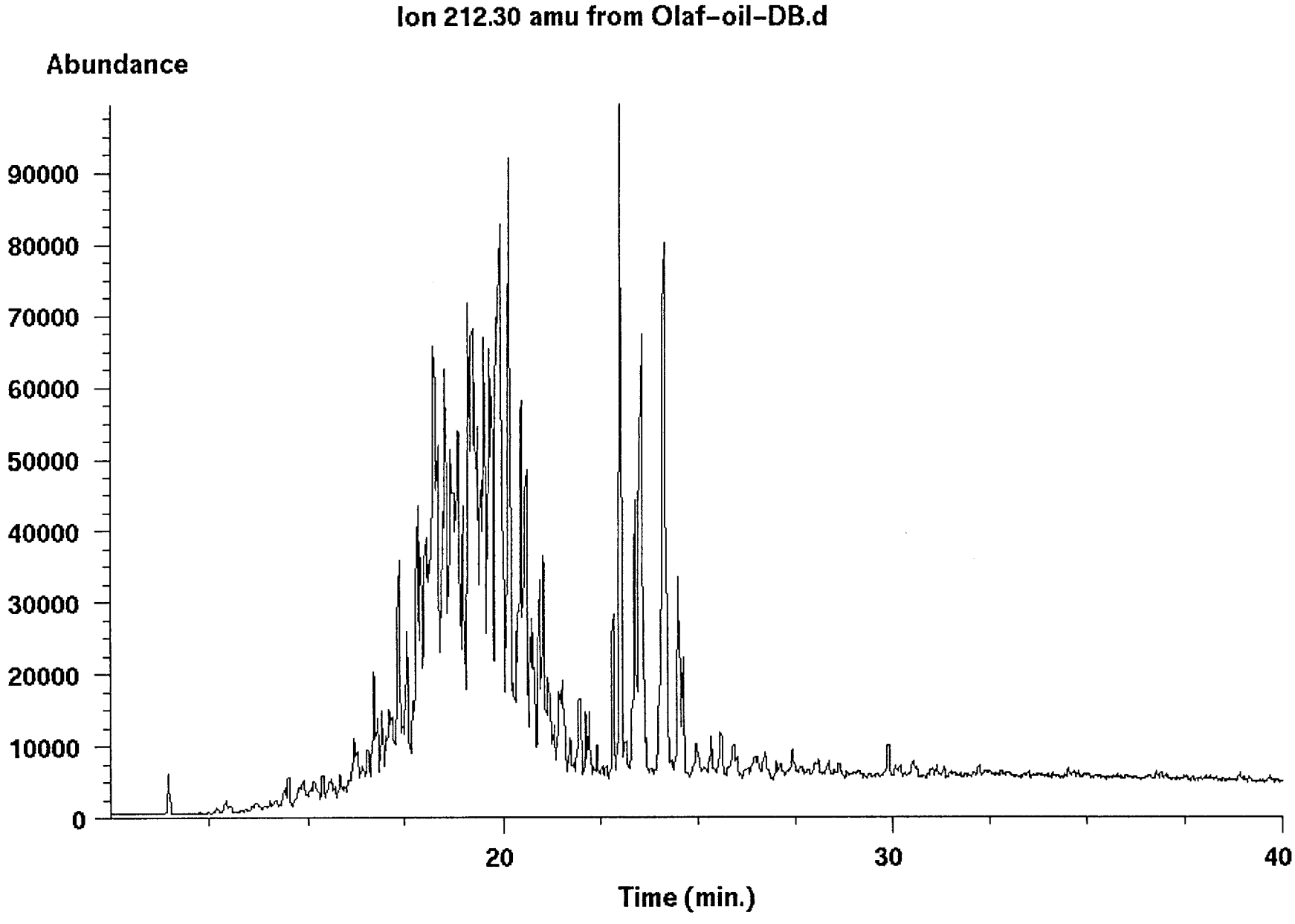

TIC of Olaf-oil-DB.d
Abundance
500000
400000
300000
200000
100000
0
10
20
30
40
Time (min.)

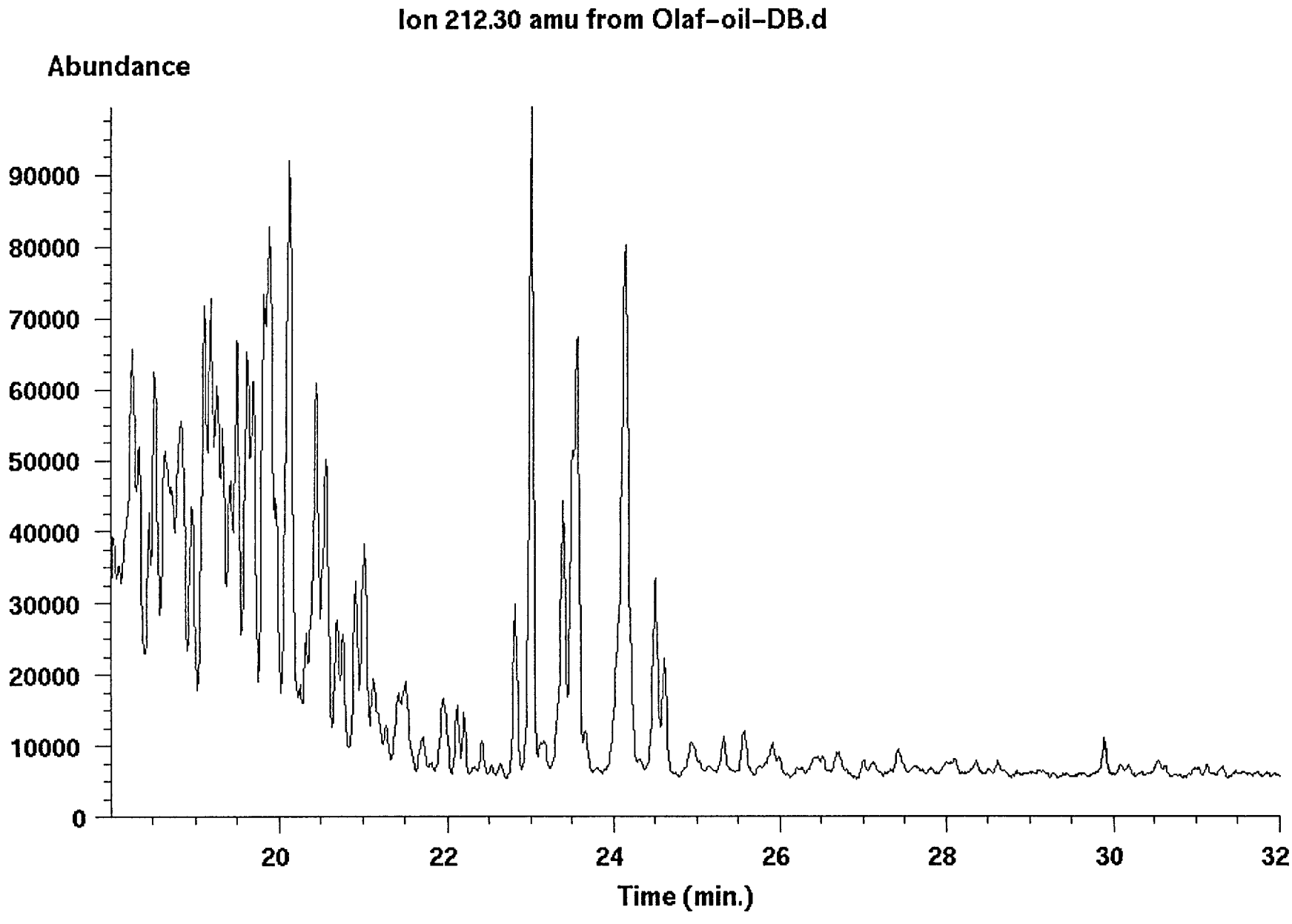

Ion 184.20 amu from Olaf-oil-DB.d
Abundance
400000
300000
200000
100000
0
20
30
40
Time (min.)

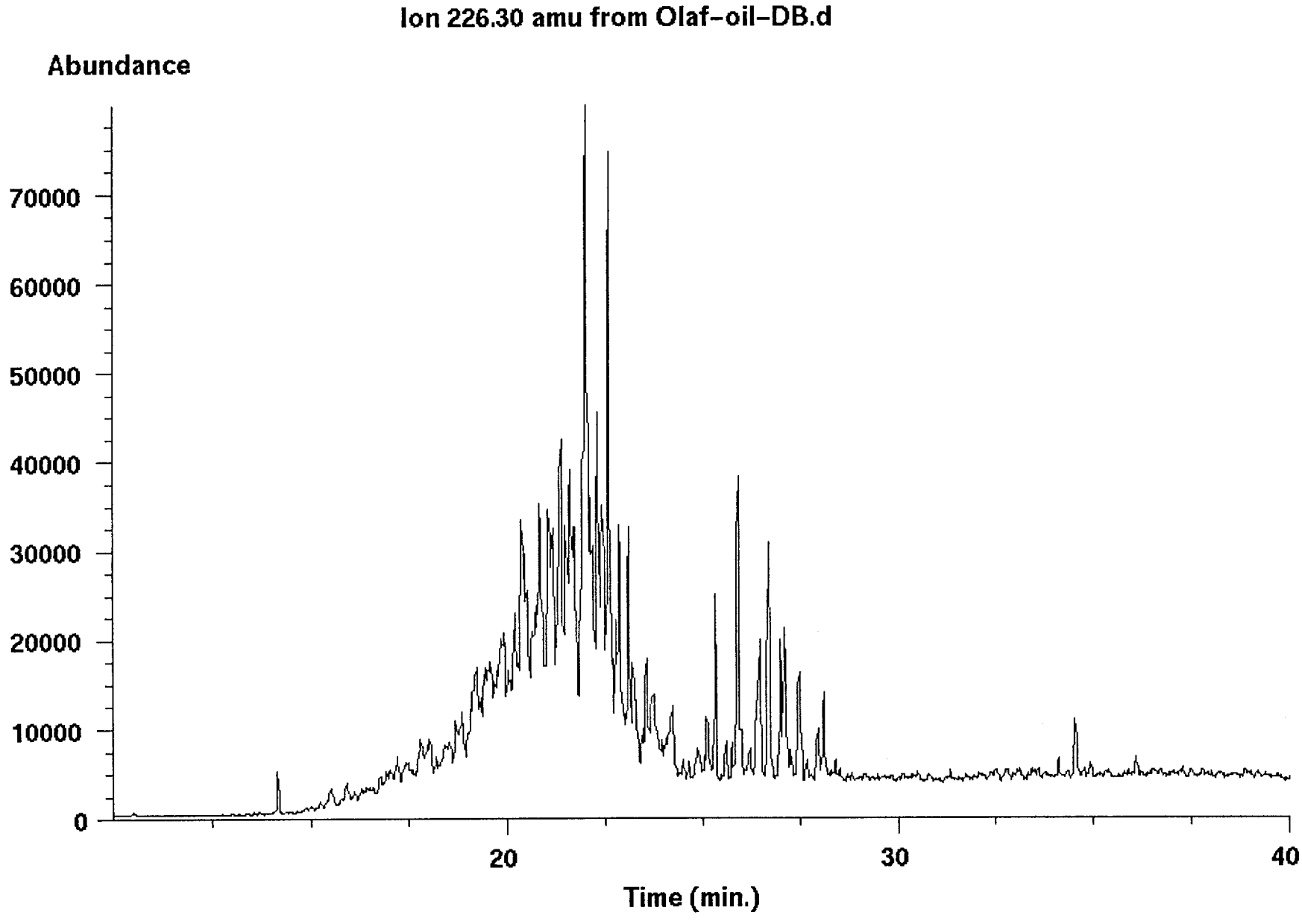

Ion 184.20 amu from Olaf-oil-DB.d
Abundance
30000
20000
10000
0
20
22
24
26
28
30
32
Time (min.)

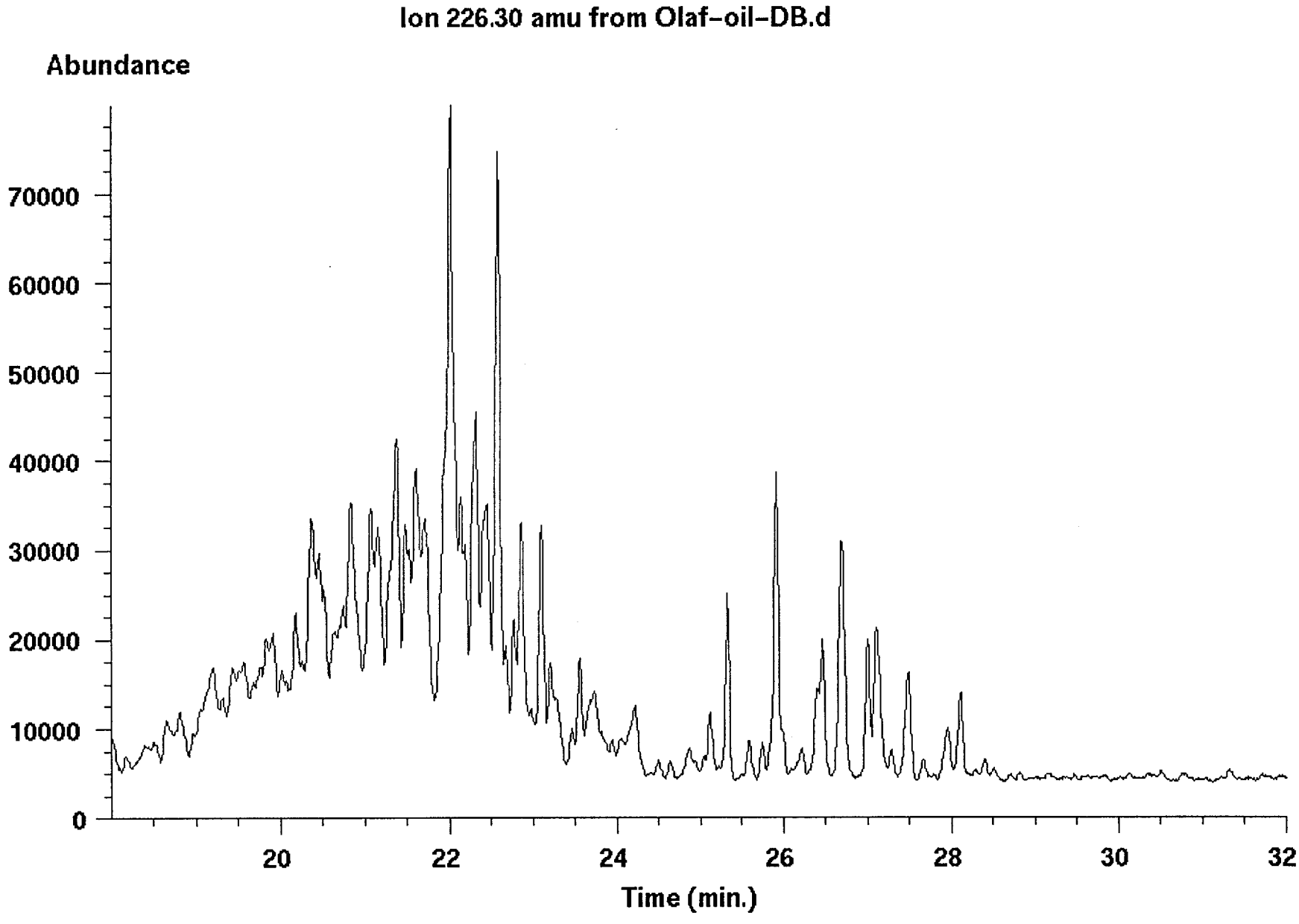

Ion 198.30 amu from Olaf-oil-DB.d
Abundance
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
20
30
40
Time (min.)

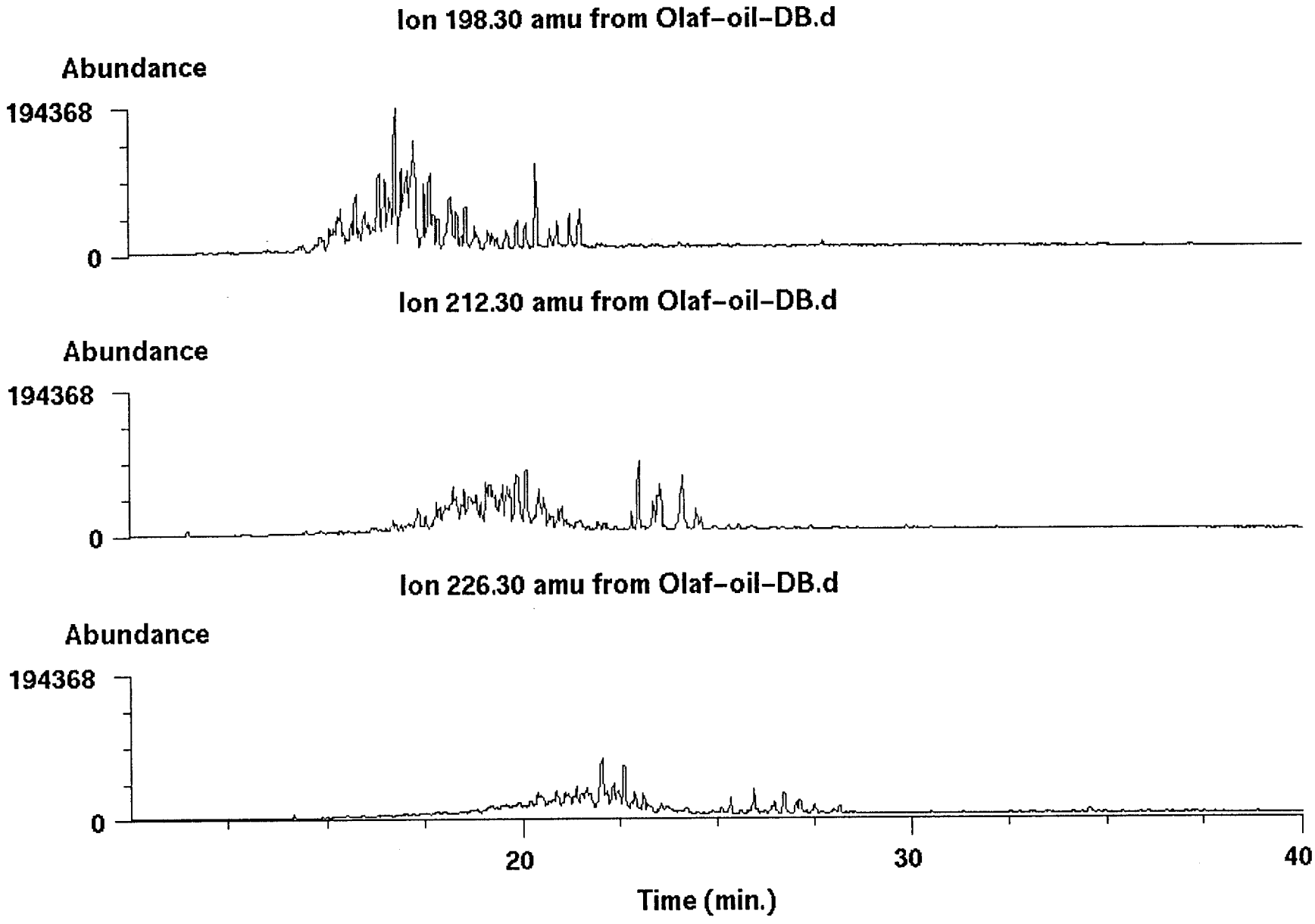

Ion 198.30 amu from Olaf-oil-DB.d
Abundance
100000
80000
60000
40000
20000
0
20
22
24
26
28
30
32
Time (min.)

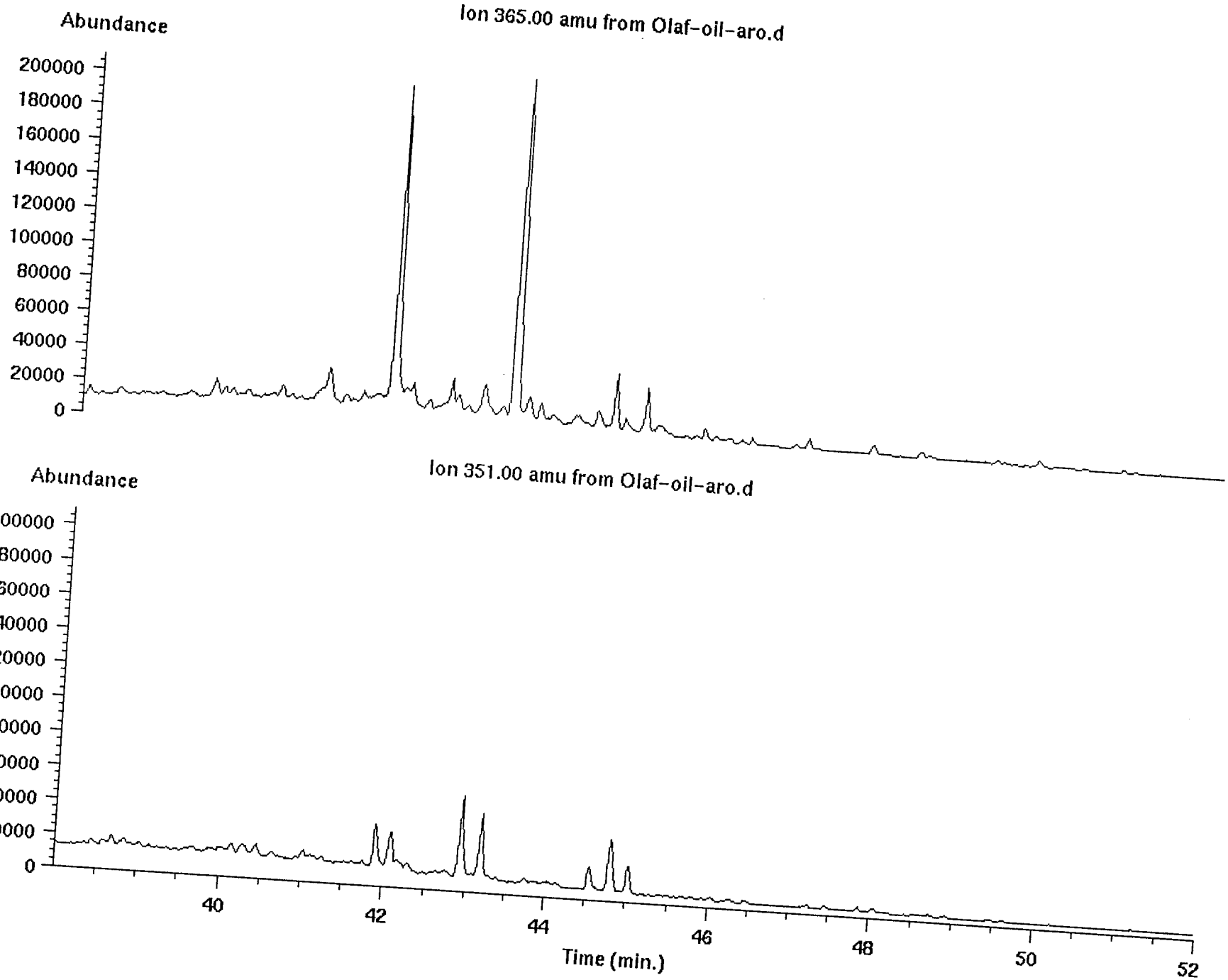

Ion 212.30 amu from Olaf-oil-DB.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
20
30
40
Time (min.)


Ion 212.30 amu from Olaf-oil-DB.d
Abundance
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
20
22
24
26
28
30
32
Time (min.)


Ion 226.30 amu from Olaf-oil-DB.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
20
30
40
Time (min.)


Ion 226.30 amu from Olaf-oil-DB.d
Abundance
70000
60000
50000
40000
30000
20000
10000
0
20
22
24
26
28
30
32
Time (min.)


Ion 198.30 amu from Olaf-oil-DB.d
Abundance
194368
0
Ion 212.30 amu from Olaf-oil-DB.d
Abundance
194368
0
Ion 226.30 amu from Olaf-oil-DB.d
Abundance
194368
0
20
30
40
Time (min.)


Abundance
Ion 365.00 amu from Olaf-oil-aro.d
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Abundance
Ion 351.00 amu from Olaf-oil-aro.d
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
40
42
44
46
48
50
52
Time (min.)