User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/05/2001 Time: 12:44:34

Sample: AD24401
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/5/01 12:41 Ended: 11/5/01 12:41 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

collected 10/4/1 by Donovan
Batch A100501
S.I.
called 11/8/1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0201\24401.D Vial: 7
Acq On : 2 Nov 2001 8:53 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 2 21:42 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	513373	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2034385	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	989366	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.01	188	1495140	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1099344	20.00	ug/l	-0.01
68) Perylene-d12	37.15	264	816629	20.00	ug/l	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
6) 2-Chlorophenol-d4	11.72	132	357	0.01	ug/l	0.48
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.24	152	5750	0.25	ug/l	-0.01
Spiked Amount 50.000			Recovery =	0.50%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.74	172	2026	0.03	ug/l	0.13
Spiked Amount 50.000			Recovery =	0.06%		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
62) Terphenyl-d14	29.93	244	763	0.01	ug/l	-0.02
Spiked Amount 50.000			Recovery =	0.02%		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
8) Phenol	0.00	94	0	N.D.		
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
10) 2-Chlorophenol	0.00	128	0	N.D.		
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) 2-Methylphenol	0.00	108	0	N.D.		
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		
17) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
18) Hexachloroethane	0.00	117	0	N.D.		
21) Nitrobenzene	0.00	77	0	N.D.		
22) Isophorone	0.00	82	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Acq On : 2 Nov 2001 8:53 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 2-Nitrophenol	0.00	139	0	N.D.	
24) 2,4-Dimethylphenol	0.00	107	0	N.D.	
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26) 2,4-Dichlorophenol	0.00	162	0	N.D.	
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28) Naphthalene	15.38	128	122	N.D.	
29) Hexachlorobutadiene	0.00	225	0	N.D.	
30) 4-Chloro-3-methylphenol	0.00	107	0	N.D.	
34) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
35) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
36) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
37) 2-Chloronaphthalene	0.00	162	0	N.D.	
38) Dimethylphthalate	0.00	163	0	N.D.	
39) 2,6-Dinitrotoluene	0.00	165	0	N.D.	
40) Acenaphthylene	0.00	152	0	N.D.	
41) Acenaphthene	0.00	153	0	N.D.	
42) 2,4-Dinitrophenol	0.00	184	0	N.D.	
43) 4-Nitrophenol	0.00	65	0	N.D.	
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
45) Diethylphthalate	22.11	149	122	N.D.	
46) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
47) Fluorene	0.00	166	0	N.D.	
48) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
52) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
53) Hexachlorobenzene	0.00	284	0	N.D.	
54) Pentachlorophenol	0.00	266	0	N.D.	
55) Phenanthrene	25.09	178	232	N.D.	
56) Anthracene	25.09	178	232	N.D.	
57) Di-n-butylphthalate	27.02	149	4384	N.D.	
58) Fluoranthene	28.70	202	191	N.D.	
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	31.55	149	1494	N.D.	
65) Benzo(a)anthracene	33.06	228	3119	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.33	149	9063	N.D.	
67) Chrysene	33.15	228	193	N.D.	
69) Di-n-Octylphthalate	35.06	149	518	N.D.	
70) Benzo(b)fluoranthene	0.00	252	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0201\24401.D Vial: 7
Acq On : 2 Nov 2001 8:53 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 2 21:42 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.16	252	3085	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

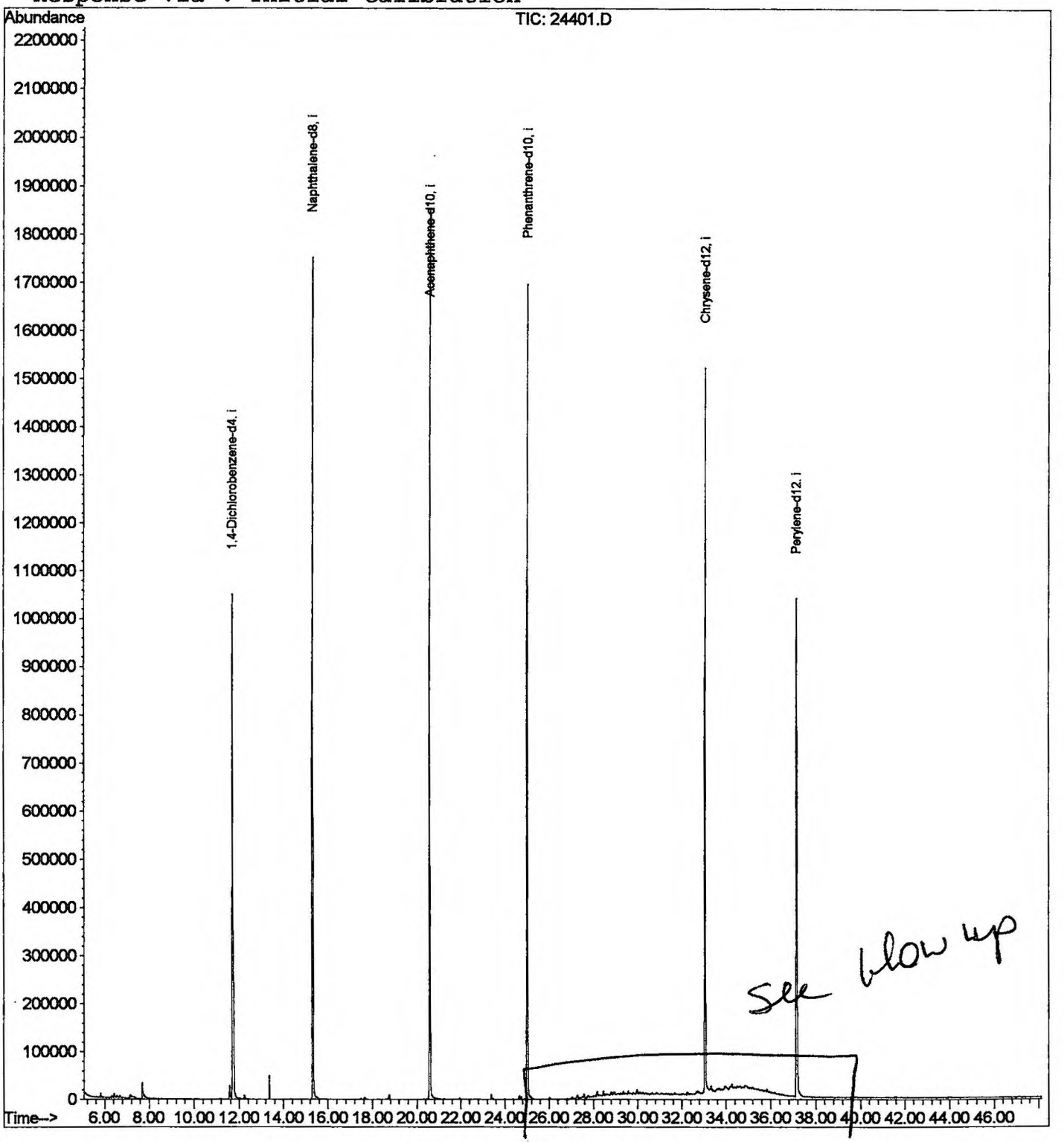
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24401.D
Acq On : 2 Nov 2001 8:53 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 2 21:42 2001

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



See blow up

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24401.D Vial: 7
Acq On : 2 Nov 2001 8:53 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

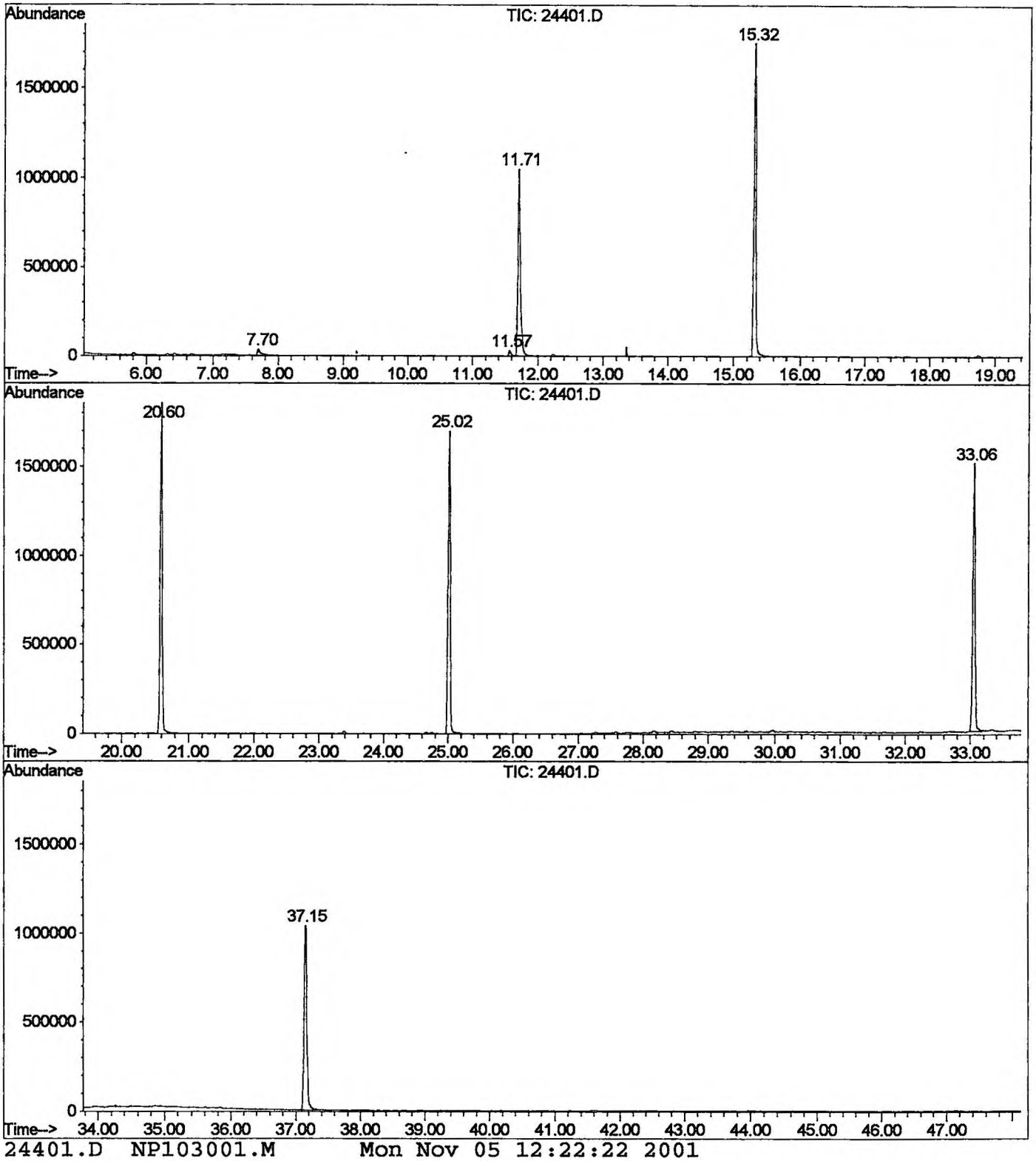
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.700	285	289	300	rBV	33860	103431	2.63%	0.496%
2	11.574	706	711	719	rBV	28954	69147	1.76%	0.331%
3	11.712	721	726	748	rVV	1049295	2721518	69.17%	13.039%
4	15.320	1113	1119	1138	rBV	1751981	3739813	95.04%	17.918%
5	20.599	1687	1694	1710	rBV	1854830	3934801	100.00%	18.852%
6	25.024	2169	2176	2189	rBV	1698184	3756731	95.47%	17.999%
7	33.056	3044	3051	3064	rBV2	1505463	3508517	89.17%	16.810%
8	37.151	3489	3497	3522	rBV2	1035907	3037872	77.21%	14.555%

Sum of corrected areas: 20871830

24401.D NP103001.M Mon Nov 05 12:22:19 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0201\24401.D
Operator : 209 GALOS
Acquired : 2 Nov 2001 8:53 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 7
Quant File :NP103001.RES (RTE Integrator)



24401.D NP103001.M Mon Nov 05 12:22:22 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24401.D
Acq On : 2 Nov 2001 8:53 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

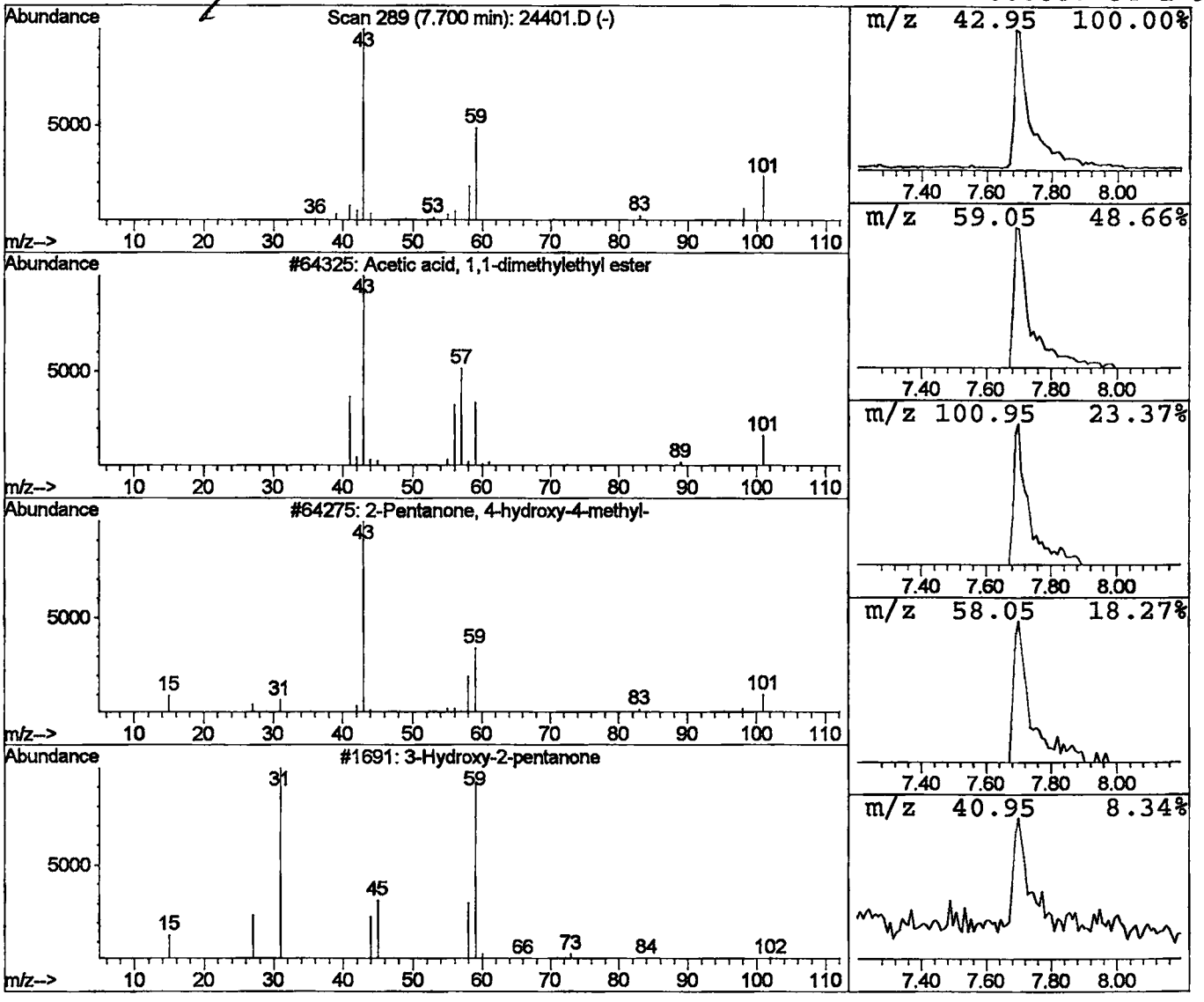
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetic acid, 1,1-dimethylethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	0.76 ug/l	103431	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	38
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	23
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24401.D
Acq On : 2 Nov 2001 8:53 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

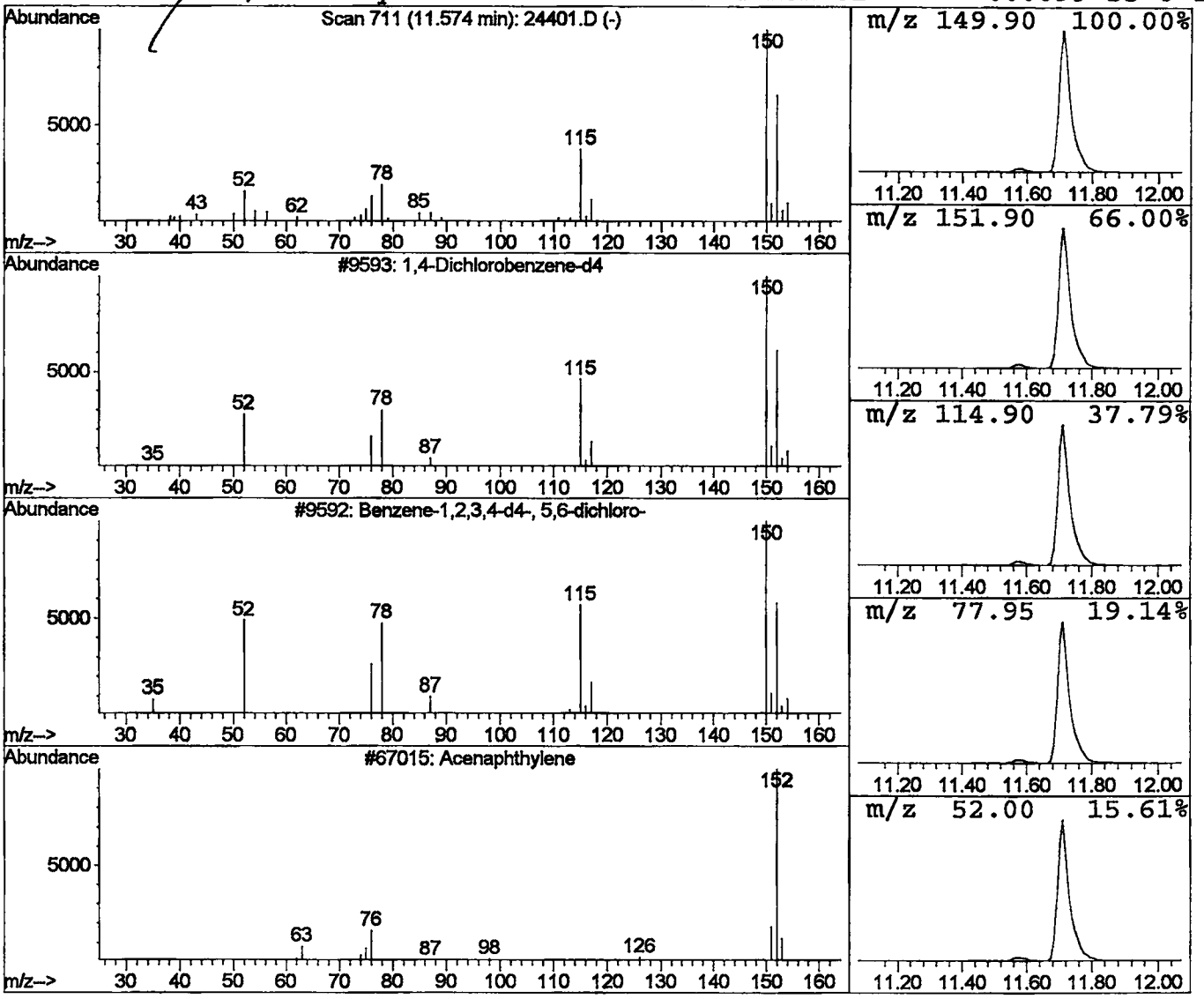
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.51 ug/l	69147	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	35
3	Acenaphthylene	152	C12H8	000208-96-8	14
4	Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	14



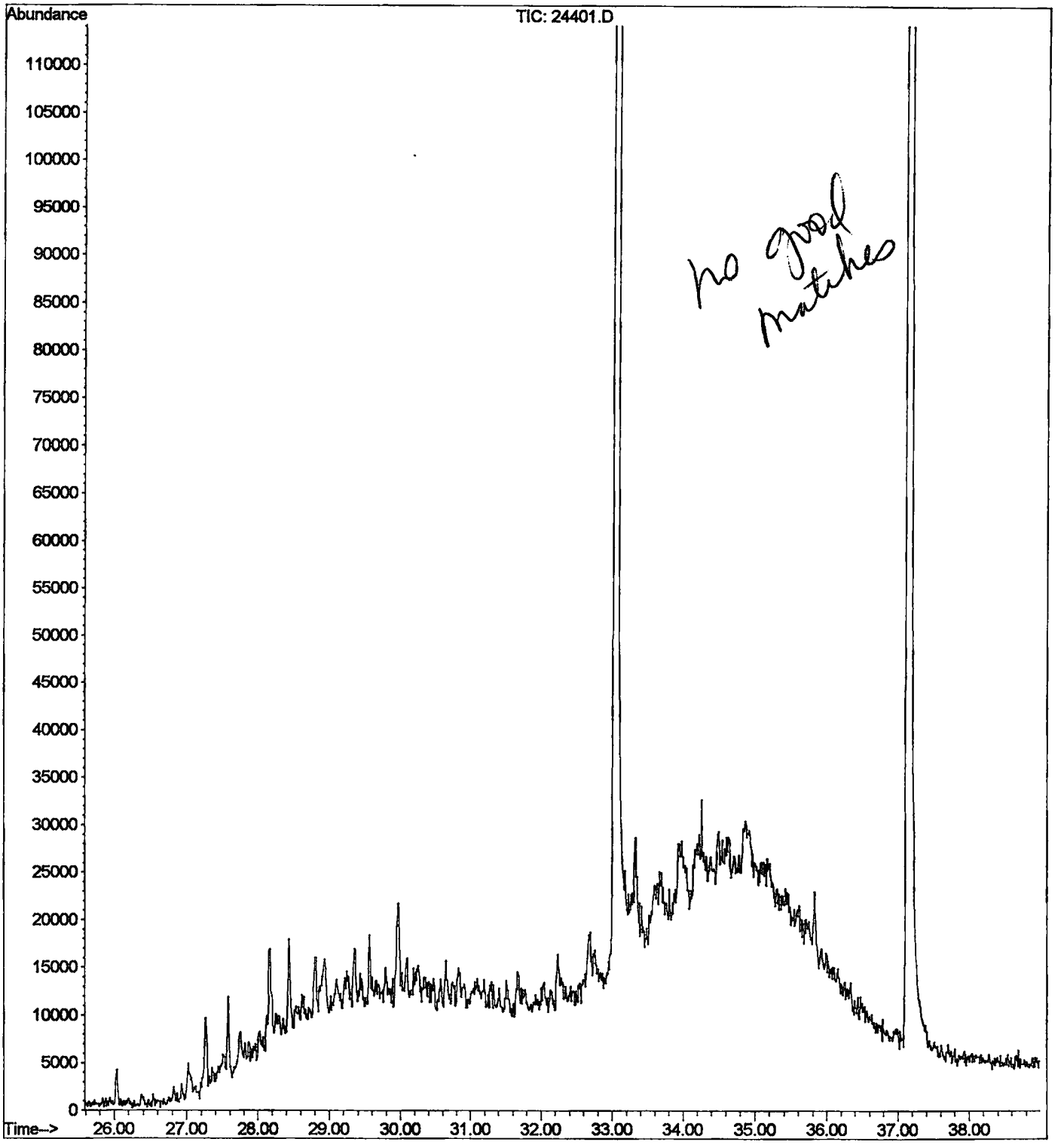
Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Nov 2001 8:53 pm
Data File: C:\HPCHEM\1\DATA\NOV0201\24401.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

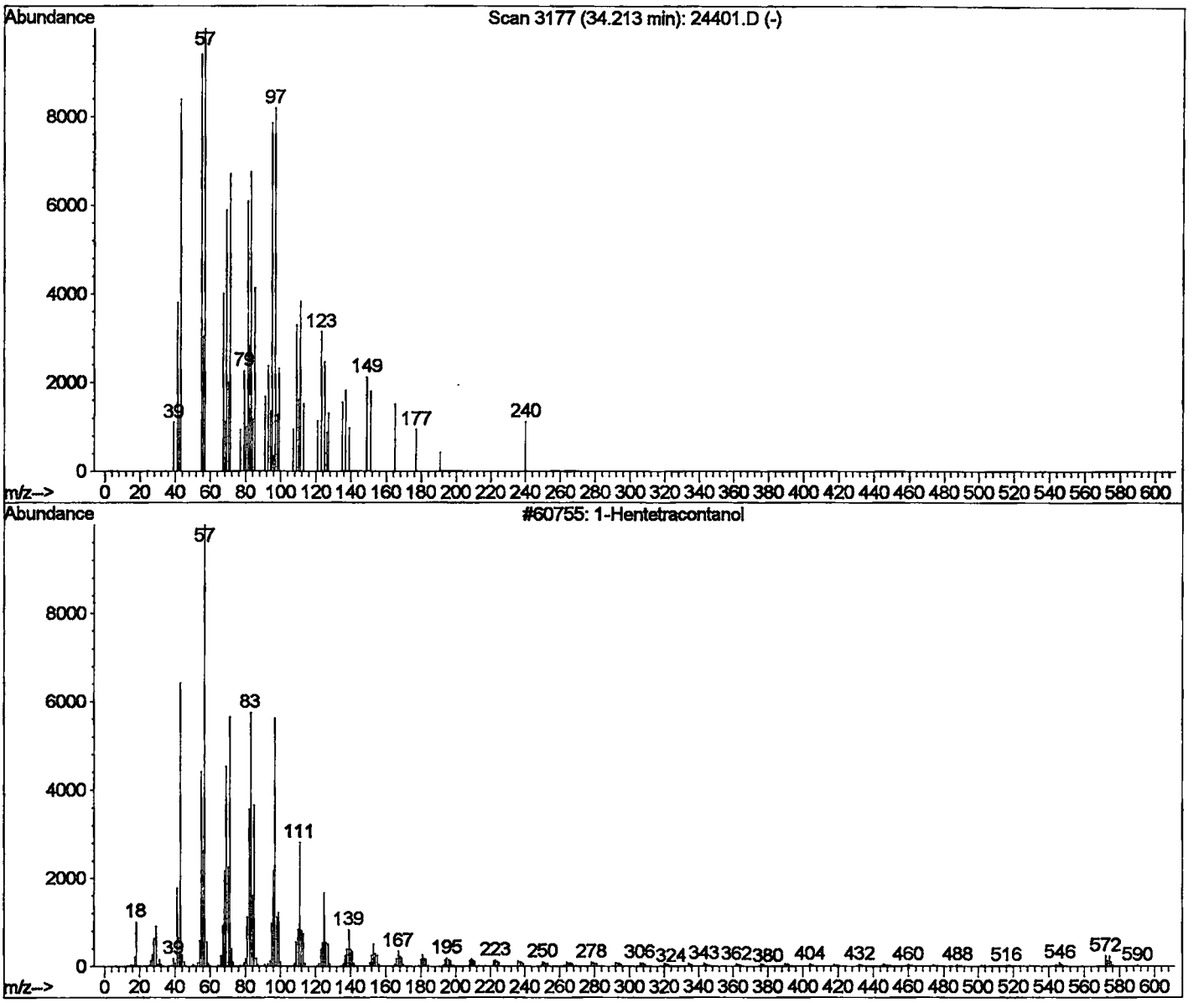
TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Acetic acid, 1,1-dim	7.70	0.8	ug/l	103431	ISTD01	11.71	2721520	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	69147	ISTD01	11.71	2721520	20.0

24401.D NP103001.M Mon Nov 05 12:22:28 2001

File : C:\HPCHEM\1\DATA\NOV0201\24401.D
Operator : 209 GALOS
Acquired : 2 Nov 2001 8:53 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 7

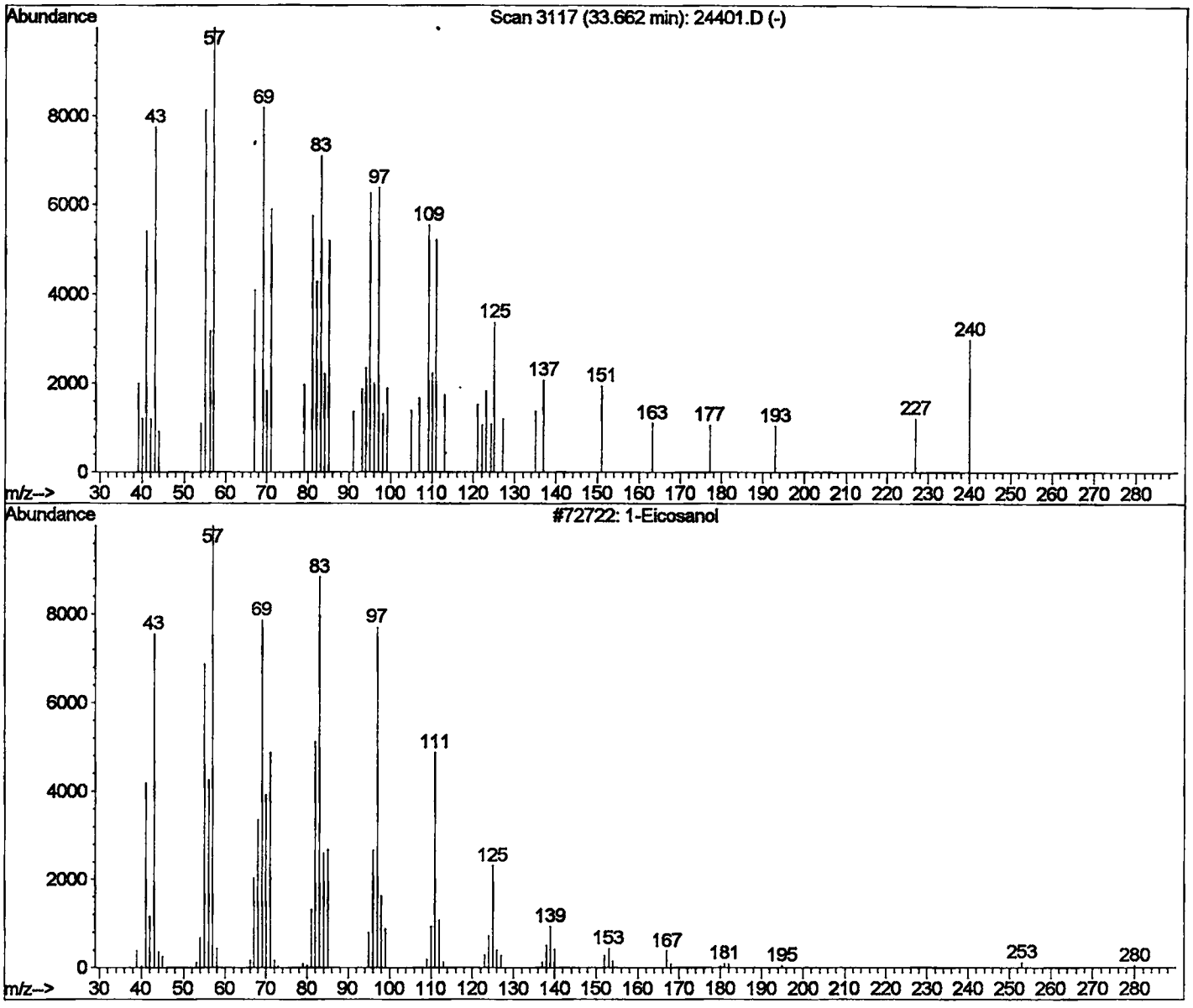


Library Searched : C:\DATABASE\nbs75k.l
Quality : 43
ID : 1-Hentetracontanol

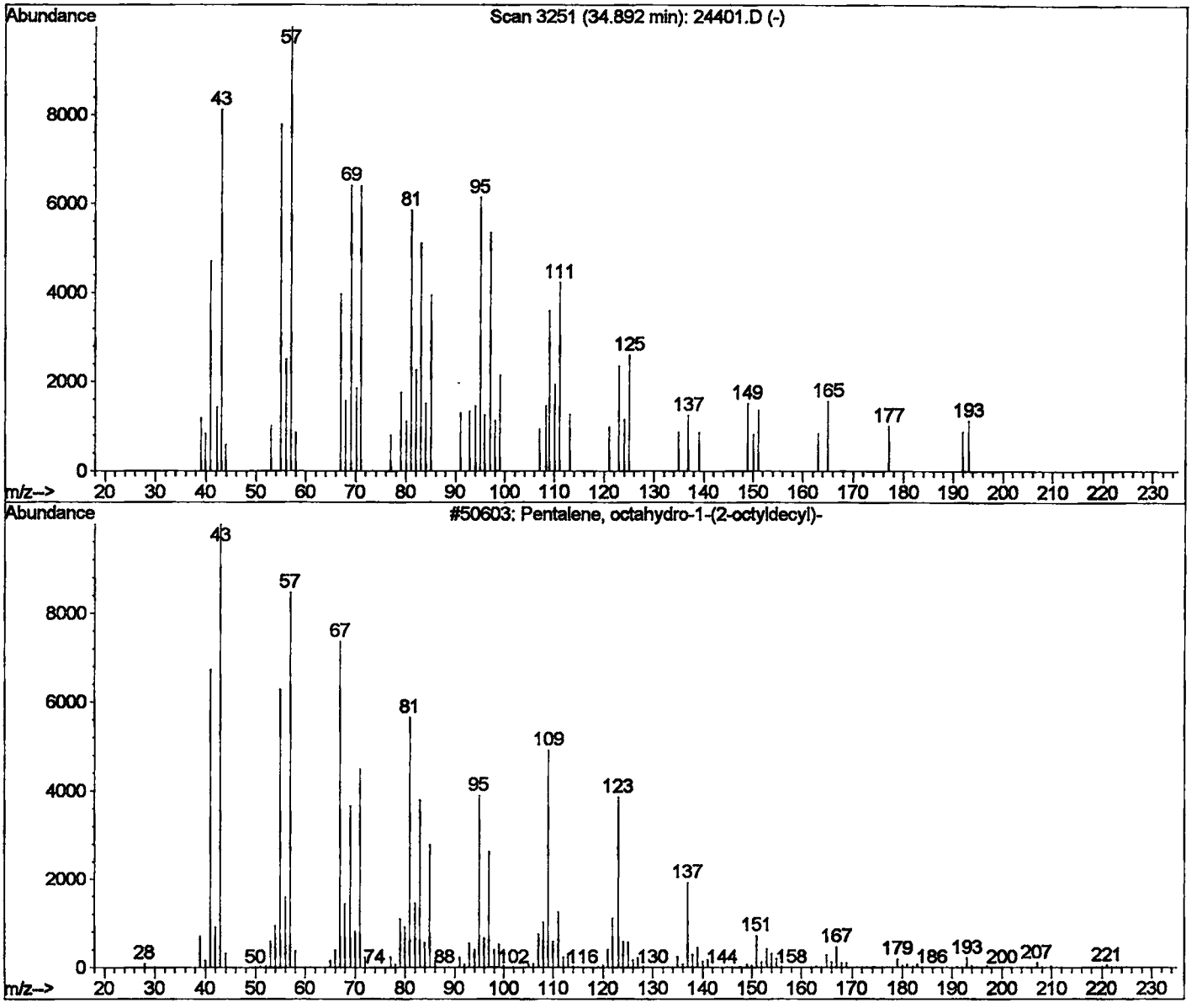


may have undthated 2 saturated units
Hydrocarbon mixture

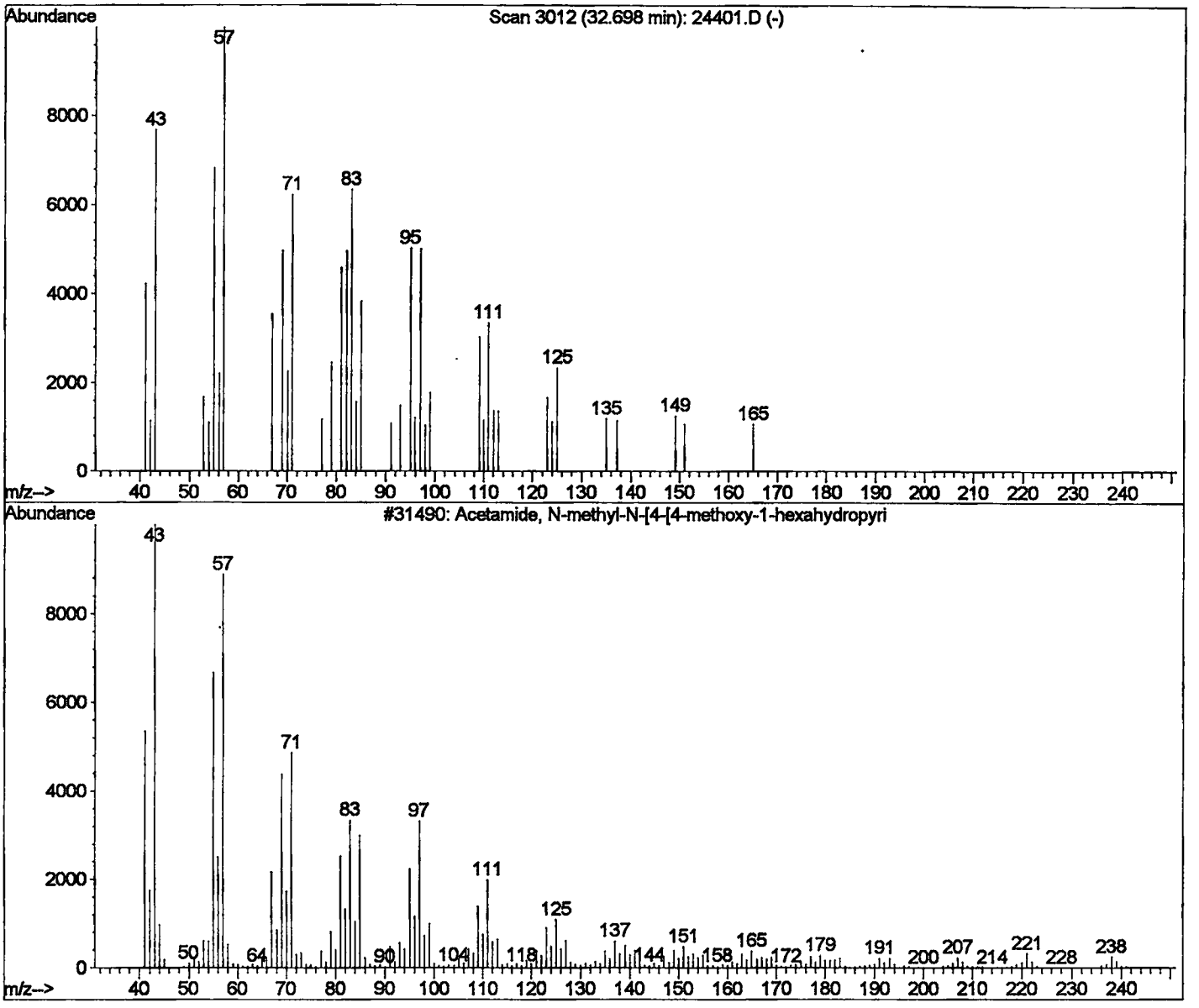
Library Searched : C:\DATABASE\nbs75k.l
Quality : 43
ID : 1-Eicosanol



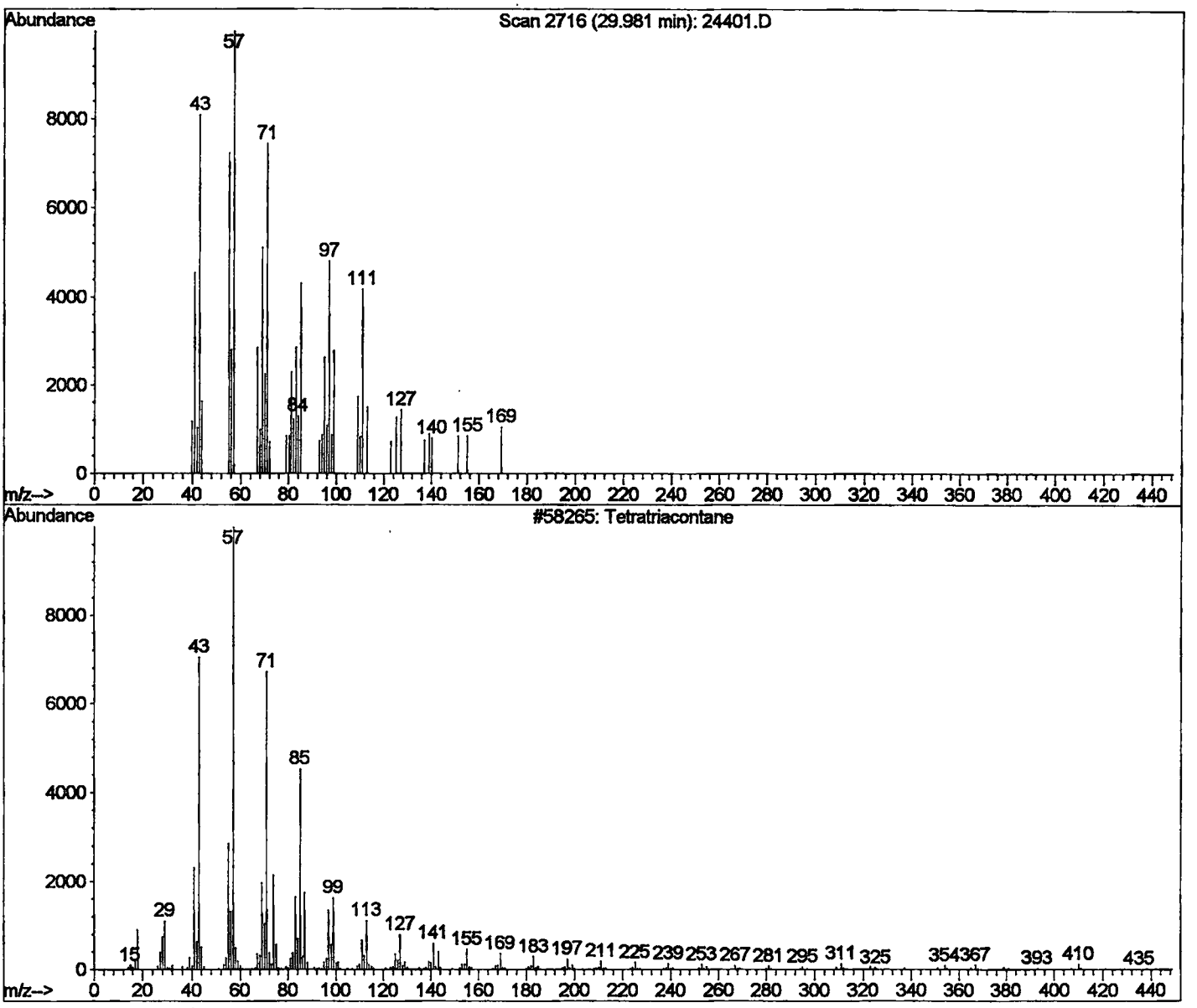
Library Searched : C:\DATABASE\nbs75k.l
Quality : 43
ID : Pentalene, octahydro-1-(2-octyldecyl)-



Library Searched : C:\DATABASE\nbs75k.l
Quality : 53
ID : Acetamide, N-methyl-N-[4-[4-methoxy-1-hexahydropyridyl]-2-butynyl]-



Library Searched : C:\DATABASE\nbs75k.l
Quality : 47
ID : Tetratriacontane



Library Searched : C:\DATABASE\nbs75k.l
Quality : 43
ID : 1-Hentetracontanol