User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/15/2001 Time: 14:57:26

Sample: AD23321
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/15/01 14:56 Ended: 10/15/01 14:56 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D Vial: 14
Acq On : 12 Oct 2001 2:50 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 12 15:38 2001 Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.76	152	423589	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1672671	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	779951	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.08	188	1111110	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	815737	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	602858	20.00	ug/l	-0.19
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	0.00	132	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.28	152	4060	0.20	ug/l	-0.15
Spiked Amount 50.000			Recovery =	0.40%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.80	172	1762	0.03	ug/l	0.00
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	0.00	244	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
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)

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D Vial: 14
Acq On : 12 Oct 2001 2:50 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 12 15:38 2001 Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

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	0.00	128	0	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	22.16	149	1808	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	25.08	178	322	N.D.	
56) Anthracene	25.08	178	322	N.D.	
57) Di-n-butylphthalate	27.09	149	3124	N.D.	
58) Fluoranthene	0.00	202	0	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	31.65	149	242	N.D.	
65) Benzo(a)anthracene	33.12	228	1905	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.38	149	6317	N.D.	
67) Chrysene	33.12	228	1905	N.D.	
69) Di-n-Octylphthalate	0.00	149	0	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\OCT1201\23321.D Vial: 14
Acq On : 12 Oct 2001 2:50 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 12 15:38 2001 Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

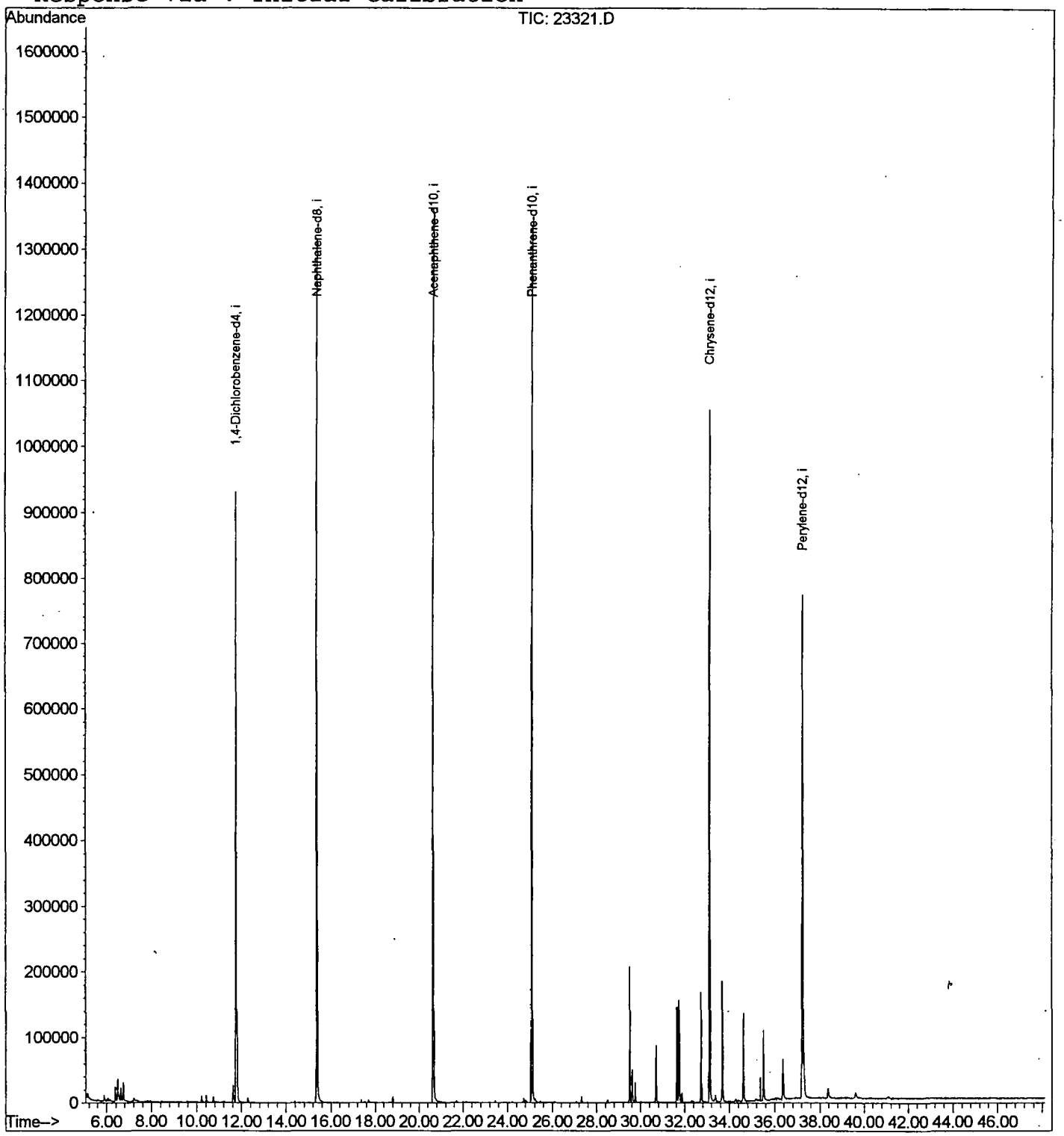
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.23	252	2324	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D Vial: 14
Acq On : 12 Oct 2001 2:50 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 12 15:38 2001 Quant Results File: NP091101.RES

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D Vial: 14
Acq On : 12 Oct 2001 2:50 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\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
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	6.384	142	146	153	rBV	21698	41057	1.31%	0.215%
2	6.494	153	158	168	rVV2	33075	87484	2.80%	0.459%
3	6.623	168	172	179	rVV	19957	40002	1.28%	0.210%
4	6.733	180	184	192	rVB	27125	56600	1.81%	0.297%
5	11.626	713	717	726	rBV	25261	57691	1.84%	0.302%
6	11.764	726	732	752	rBV	931223	2204058	70.47%	11.553%
7	15.371	1118	1125	1142	rBV	1315597	3047290	97.44%	15.974%
8	20.659	1693	1701	1712	rBV	1363585	3127458	100.00%	16.394%
9	25.084	2175	2183	2194	rBV	1336203	2866784	91.66%	15.027%
10	29.509	2660	2665	2672	rBV	206180	391340	12.51%	2.051%
11	29.628	2672	2678	2686	rVV	49754	103150	3.30%	0.541%
12	29.748	2686	2691	2697	rVV	29759	61470	1.97%	0.322%
13	30.703	2788	2795	2803	rBV	86849	167267	5.35%	0.877%
14	31.639	2892	2897	2903	rBV	144673	300053	9.59%	1.573%
15	31.740	2903	2908	2914	rVV	155849	328130	10.49%	1.720%
16	32.731	3007	3016	3028	rBV	167960	344525	11.02%	1.806%
17	33.117	3051	3058	3073	rBV2	1054511	2510957	80.29%	13.162%
18	33.686	3112	3120	3128	rBV	183354	400710	12.81%	2.100%
19	34.613	3216	3221	3230	rVB	133438	290428	9.29%	1.522%
20	35.495	3312	3317	3326	rBV	107632	254341	8.13%	1.333%
21	36.358	3405	3411	3421	rBV	62519	166743	5.33%	0.874%
22	37.230	3498	3506	3512	rBV2	765933	2180748	69.73%	11.431%
23	38.359	3624	3629	3640	rBV2	14244	48775	1.56%	0.256%

Sum of corrected areas: 19077061

23321.D NP091101.M Mon Oct 15 09:56:58 2001

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D
Acq On : 12 Oct 2001 2:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
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

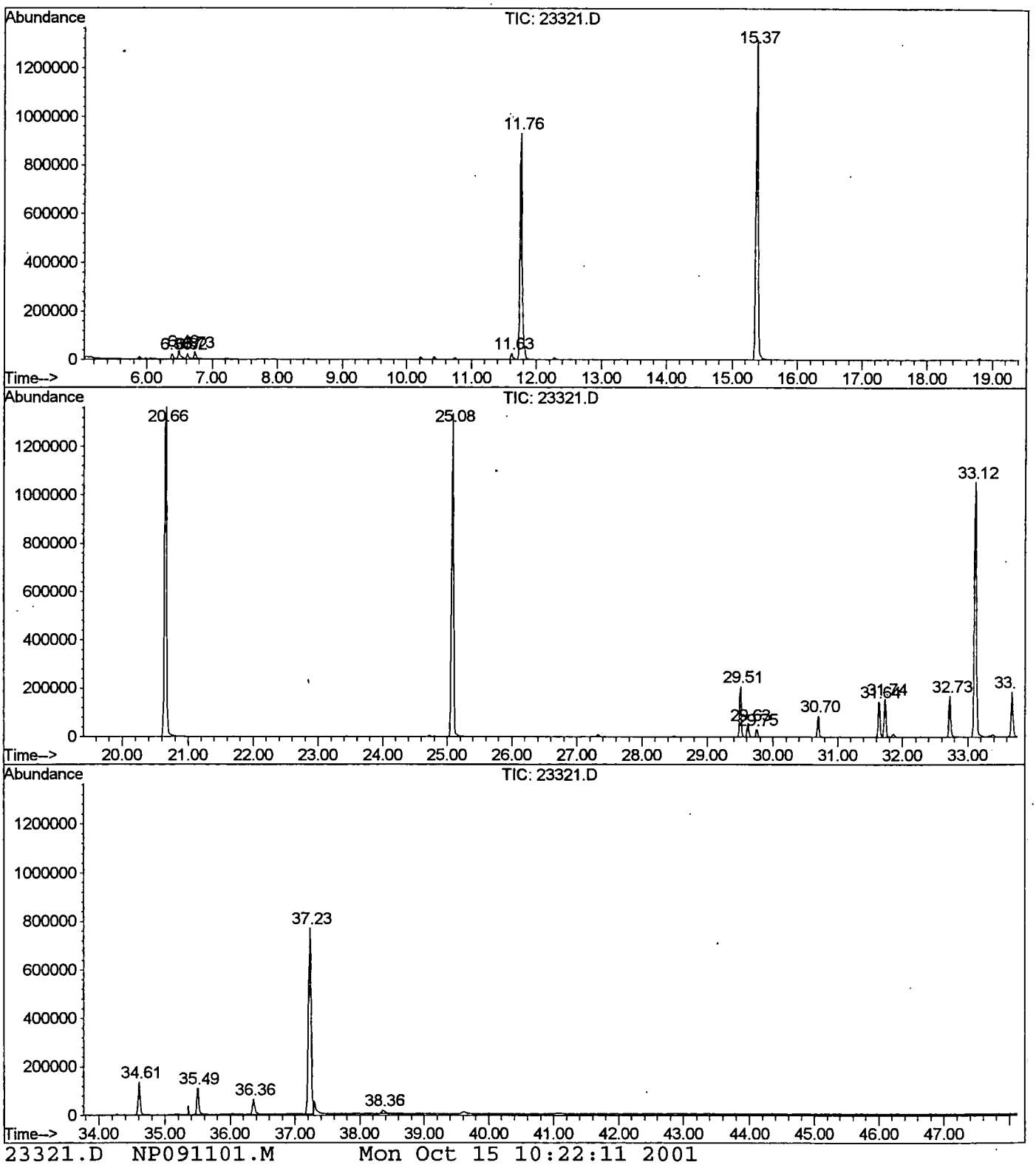
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.384	142	146	153	rBV	21698	41057	1.31%	0.215%
2	6.494	153	158	168	rVV2	33075	87484	2.80%	0.459%
3	6.623	168	172	179	rVV	19957	40002	1.28%	0.210%
4	6.733	180	184	192	rVB	27125	56600	1.81%	0.297%
5	11.626	713	717	726	rBV	25261	57691	1.84%	0.302%
6	11.764	726	732	752	rBV	931223	2204058	70.47%	11.553%
7	15.371	1118	1125	1142	rBV	1315597	3047290	97.44%	15.974%
8	20.659	1693	1701	1712	rBV	1363585	3127458	100.00%	16.394%
9	25.084	2175	2183	2194	rBV	1336203	2866784	91.66%	15.027%
10	29.509	2660	2665	2672	rBV	206180	391340	12.51%	2.051%
11	29.628	2672	2678	2686	rVV	49754	103150	3.30%	0.541%
12	29.748	2686	2691	2697	rVV	29759	61470	1.97%	0.322%
13	30.703	2788	2795	2803	rBV	86849	167267	5.35%	0.877%
14	31.639	2892	2897	2903	rBV	144673	300053	9.59%	1.573%
15	31.740	2903	2908	2914	rVV	155849	328130	10.49%	1.720%
16	32.731	3007	3016	3028	rBV	167960	344525	11.02%	1.806%
17	33.117	3051	3058	3073	rBV2	1054511	2510957	80.29%	13.162%
18	33.686	3112	3120	3128	rBV	183354	400710	12.81%	2.100%
19	34.613	3216	3221	3230	rVB	133438	290428	9.29%	1.522%
20	35.495	3312	3317	3326	rBV	107632	254341	8.13%	1.333%
21	36.358	3405	3411	3421	rBV	62519	166743	5.33%	0.874%
22	37.230	3498	3506	3512	rBV2	765933	2180748	69.73%	11.431%
23	38.359	3624	3629	3640	rBV2	14244	48775	1.56%	0.256%

Sum of corrected areas: 19077061

23321.D NP091101.M Mon Oct 15 10:22:08 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1201\23321.D
Operator : 209 GALOS
Acquired : 12 Oct 2001 2:50 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 14
Quant File :NP091101.RES (RTE Integrator)



23321.D NP091101.M Mon Oct 15 10:22:11 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D
Acq On : 12 Oct 2001 2:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

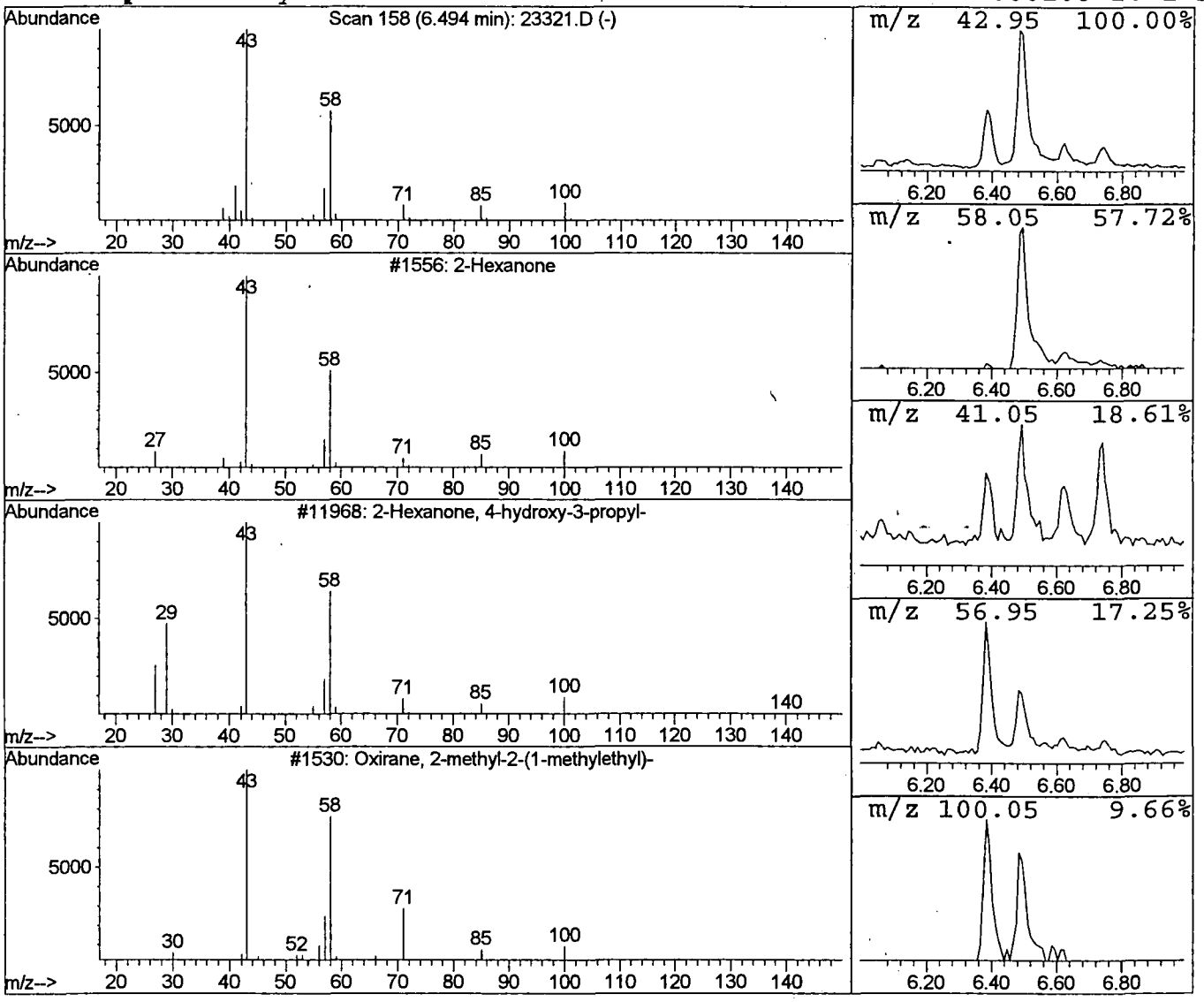
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	0.79 ug/l	87484	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	83
3	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	72
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D
Acq On : 12 Oct 2001 2:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

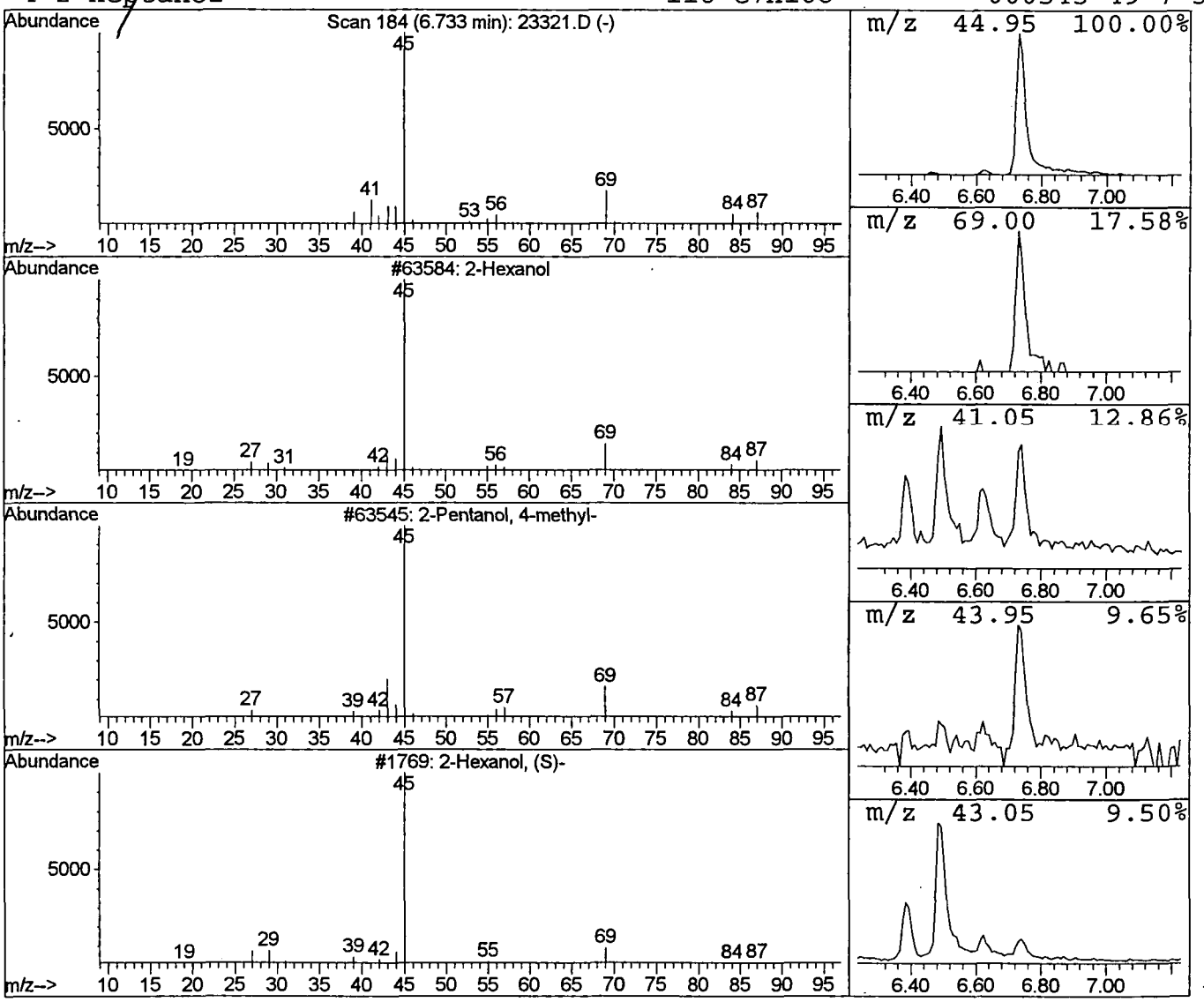
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.51 ug/l	56600	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	43
4	2-Heptanol	116	C7H16O	000543-49-7	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D
Acq On : 12 Oct 2001 2:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

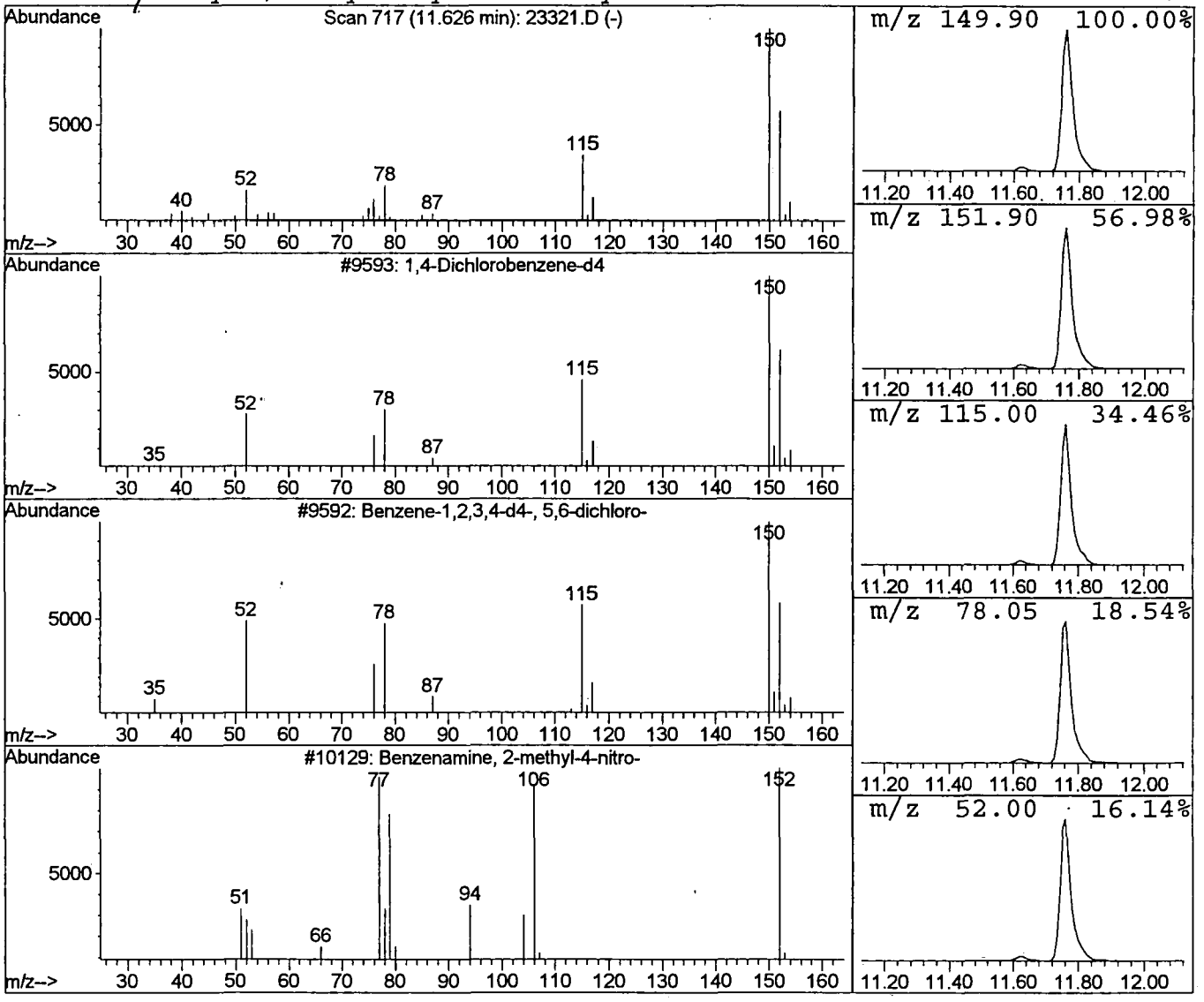
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	0.52 ug/l	57691	1,4-Dichlorobenzene-d4	11.76

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	25
3	Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	12
4	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D
Acq On : 12 Oct 2001 2:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

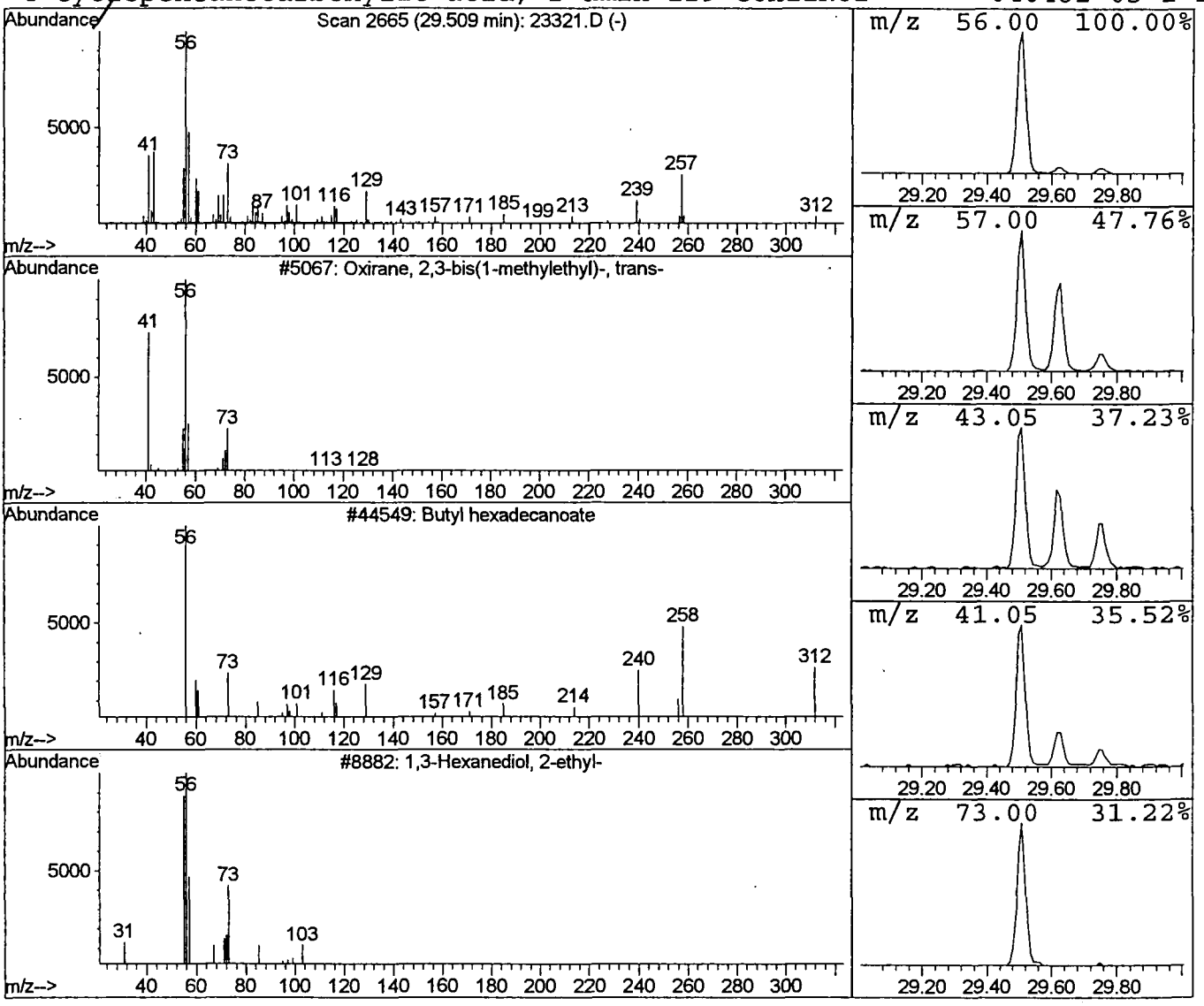
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Oxirane, 2,3-bis(1-methylethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.51	3.12 ug/l	391340	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,3-bis(1-methylethyl)-, t	128	C8H16O	054644-32-5	32
2	Butyl hexadecanoate	312	C20H40O2	000000-00-0	25
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	23
4	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	040482-05-1	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1201\23321.D
Acq On : 12 Oct 2001 2:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

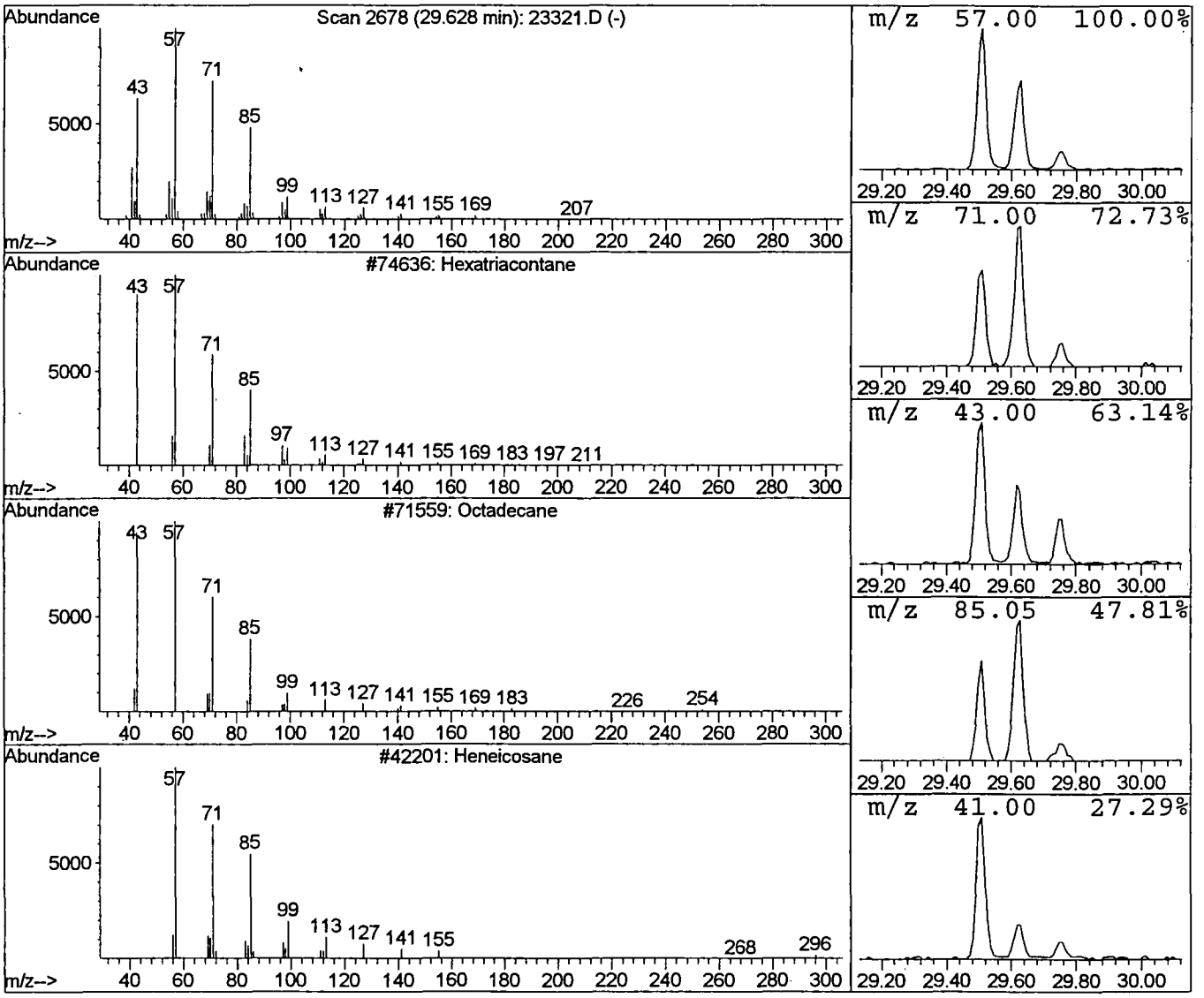
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Hexatriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.63	0.82 ug/l	103150	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetracosane	338	C24H50	000646-31-1	87



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Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

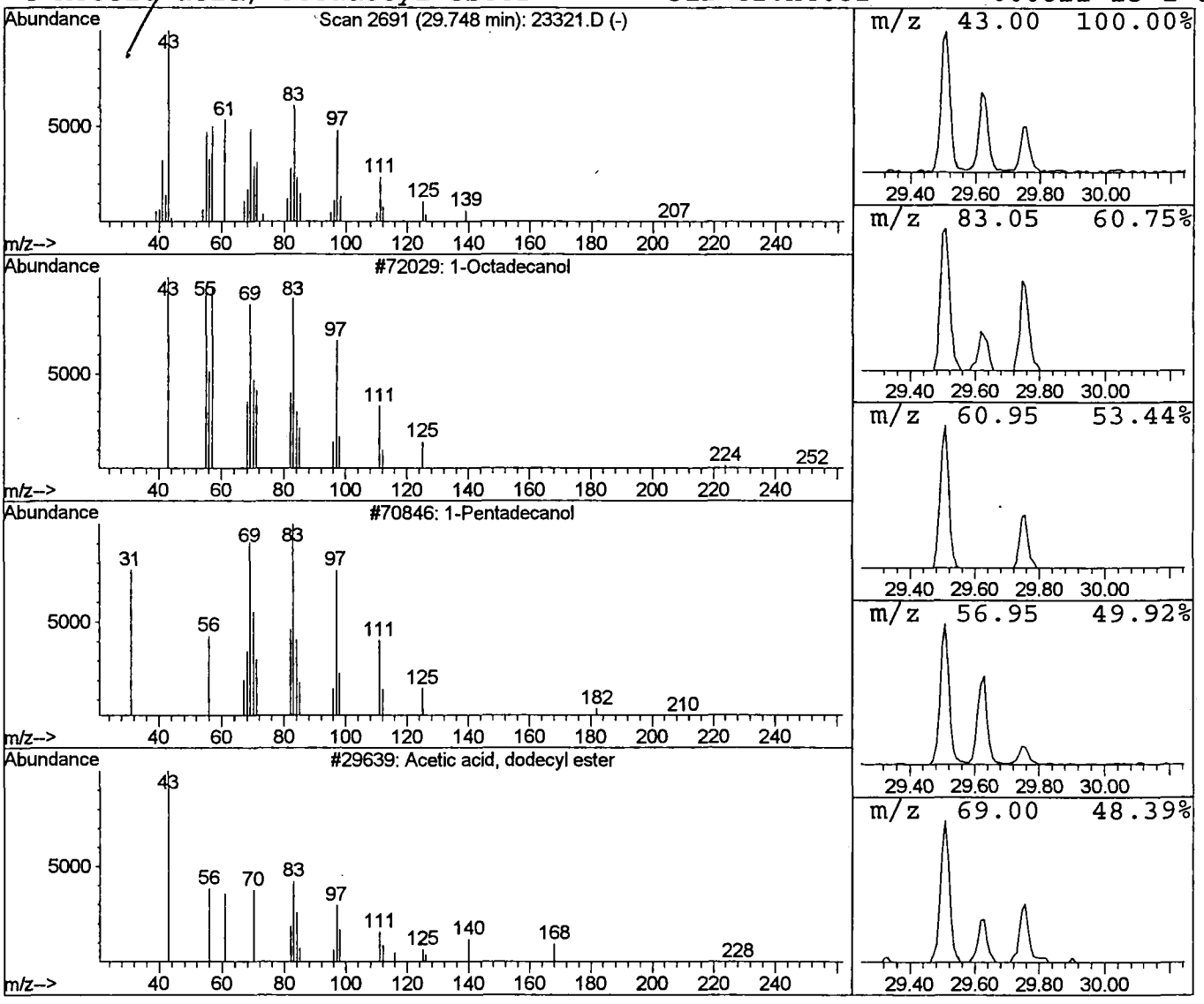
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1-Octadecanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.75	0.49 ug/l	61470	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	76
2	1-Pentadecanol	228	C15H32O	000629-76-5	74
3	Acetic acid, dodecyl ester	228	C14H28O2	000112-66-3	72
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	62



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Inst : GC/MS 209
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Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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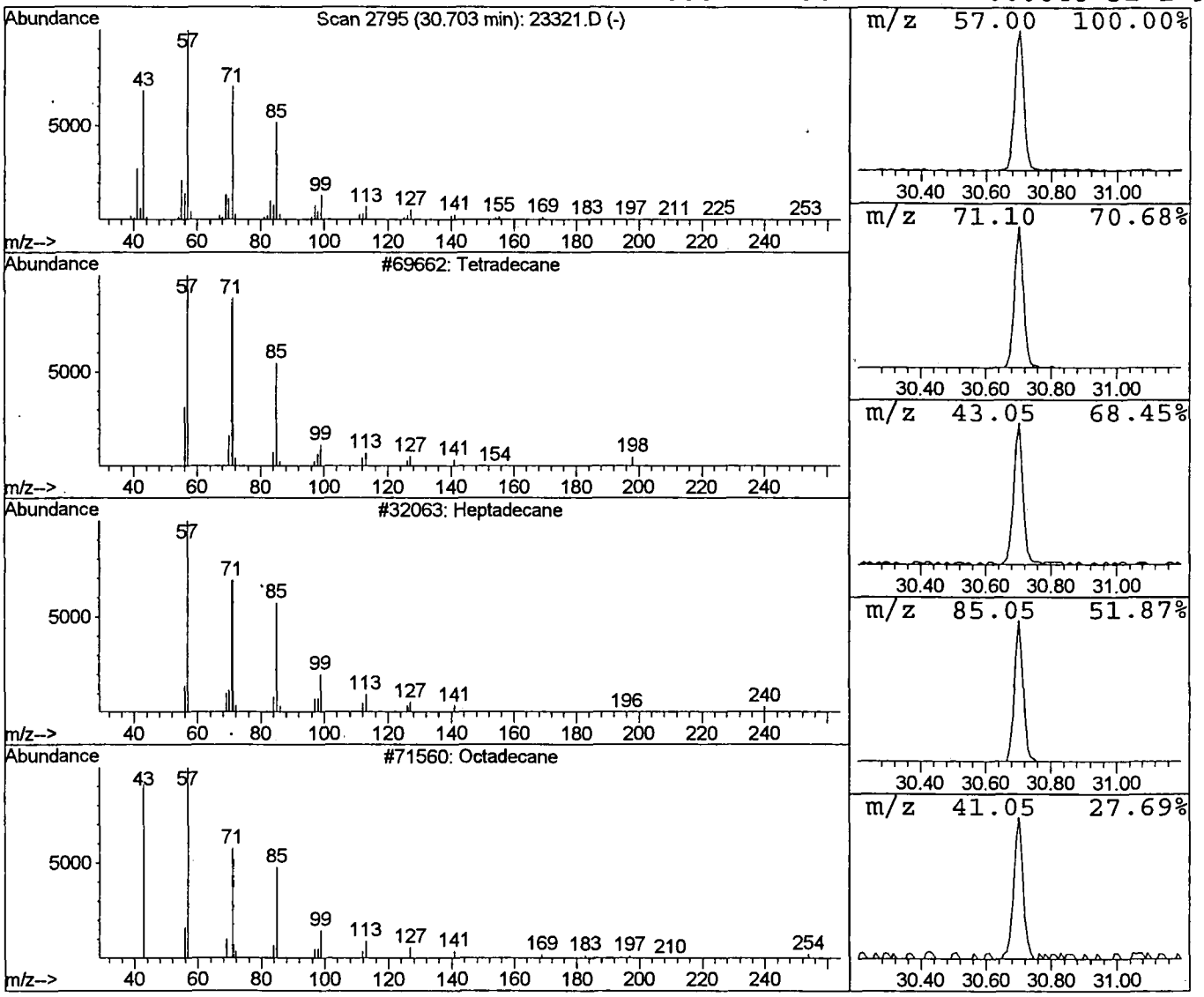
Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.70	1.33 ug/l	167267	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetracosane	338	C24H50	000646-31-1	90



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Inst : GC/MS 209
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Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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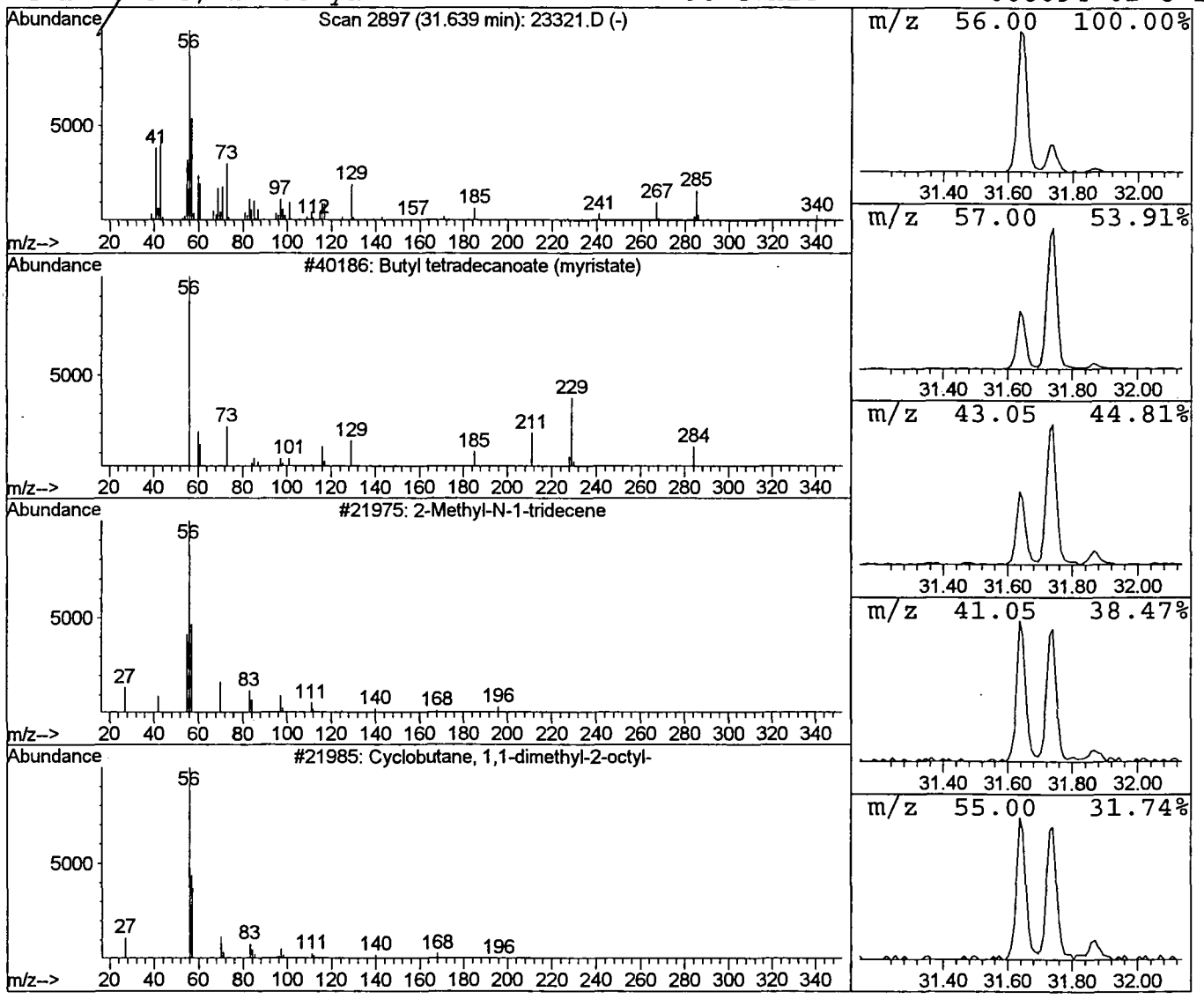
Peak Number 8 Butyl tetradecanoate (myristat Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.64	2.39 ug/l	300053	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl tetradecanoate (myristate)	284	C18H36O2	000000-00-0	72
2	2-Methyl-N-1-tridecene	196	C14H28	018094-01-4	27
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	27
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27



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Inst : GC/MS 209
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Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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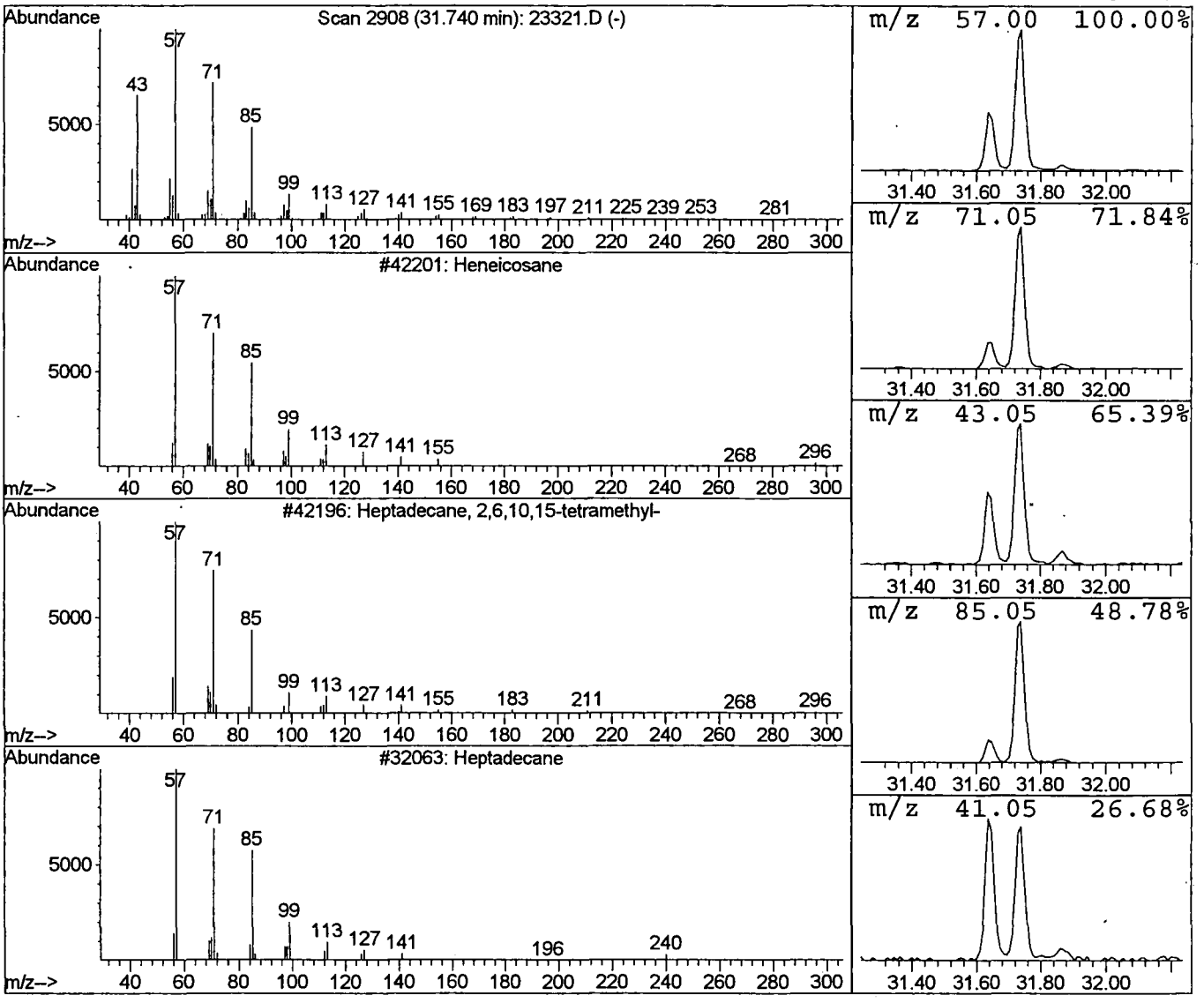
Peak Number 9 Heneicosane — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.74	2.61 ug/l	328130	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Eicosane	282	C20H42	000112-95-8	91



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Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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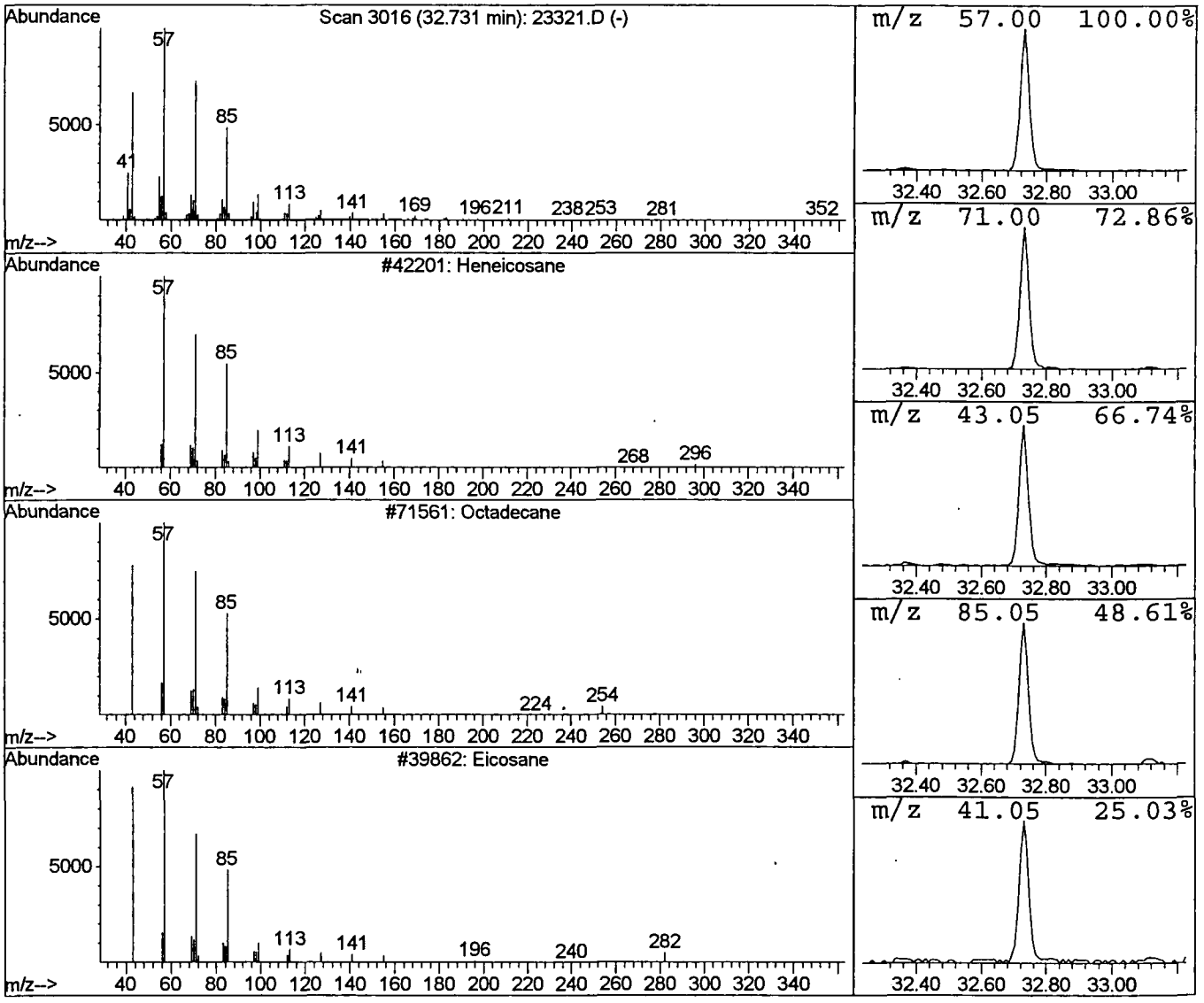
Peak Number 10 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.73	2.74 ug/l	344525	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetracosane	338	C24H50	000646-31-1	90



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Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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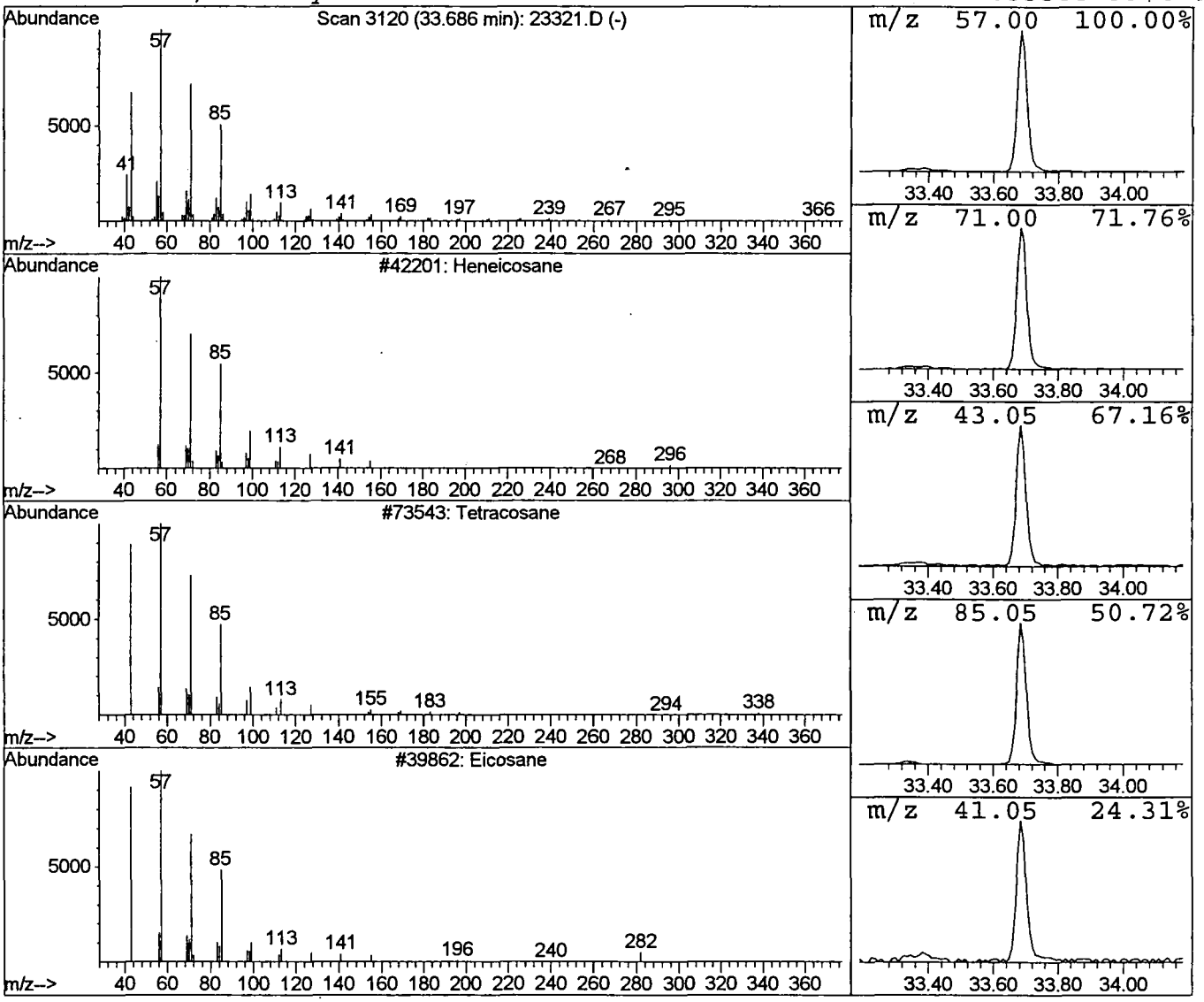
Peak Number 11 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.69	3.19 ug/l	400710	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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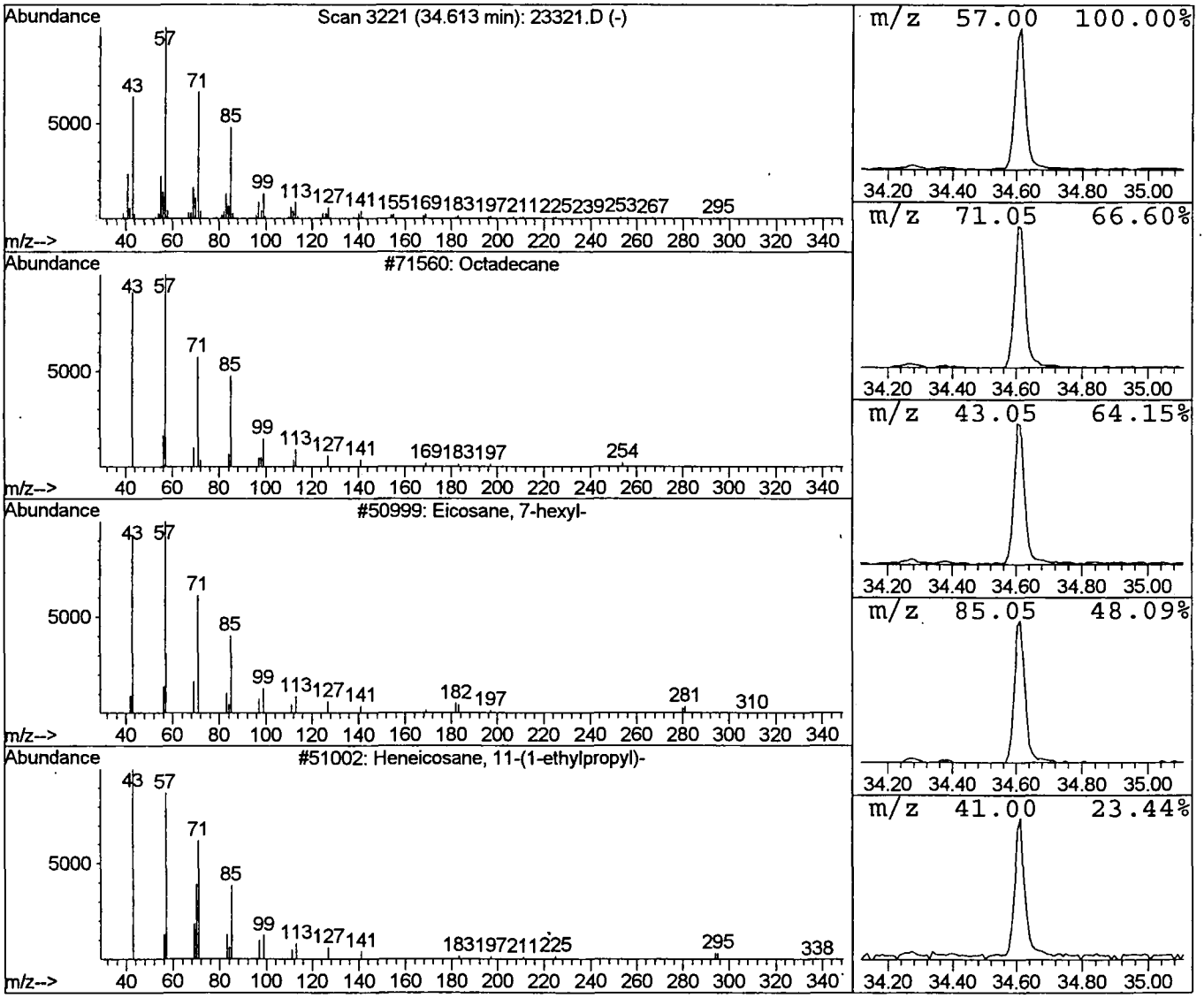
Peak Number 12 Octadecane — Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.61	2.31 ug/l	290428	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Eicosane	282	C20H42	000112-95-8	91



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Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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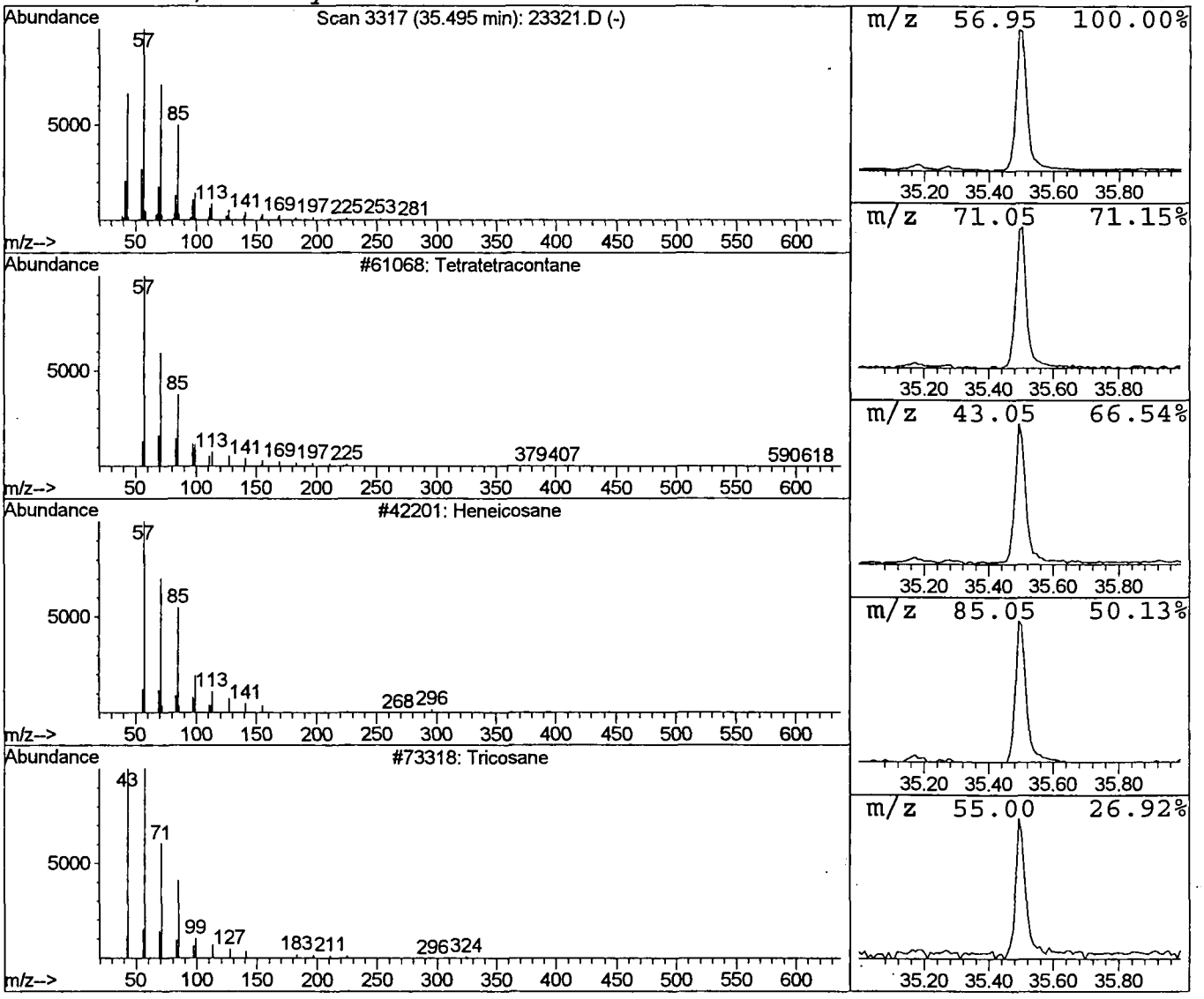
Peak Number 13 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.49	2.33 ug/l	254341	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tricosane	324	C23H48	000638-67-5	91
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91



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Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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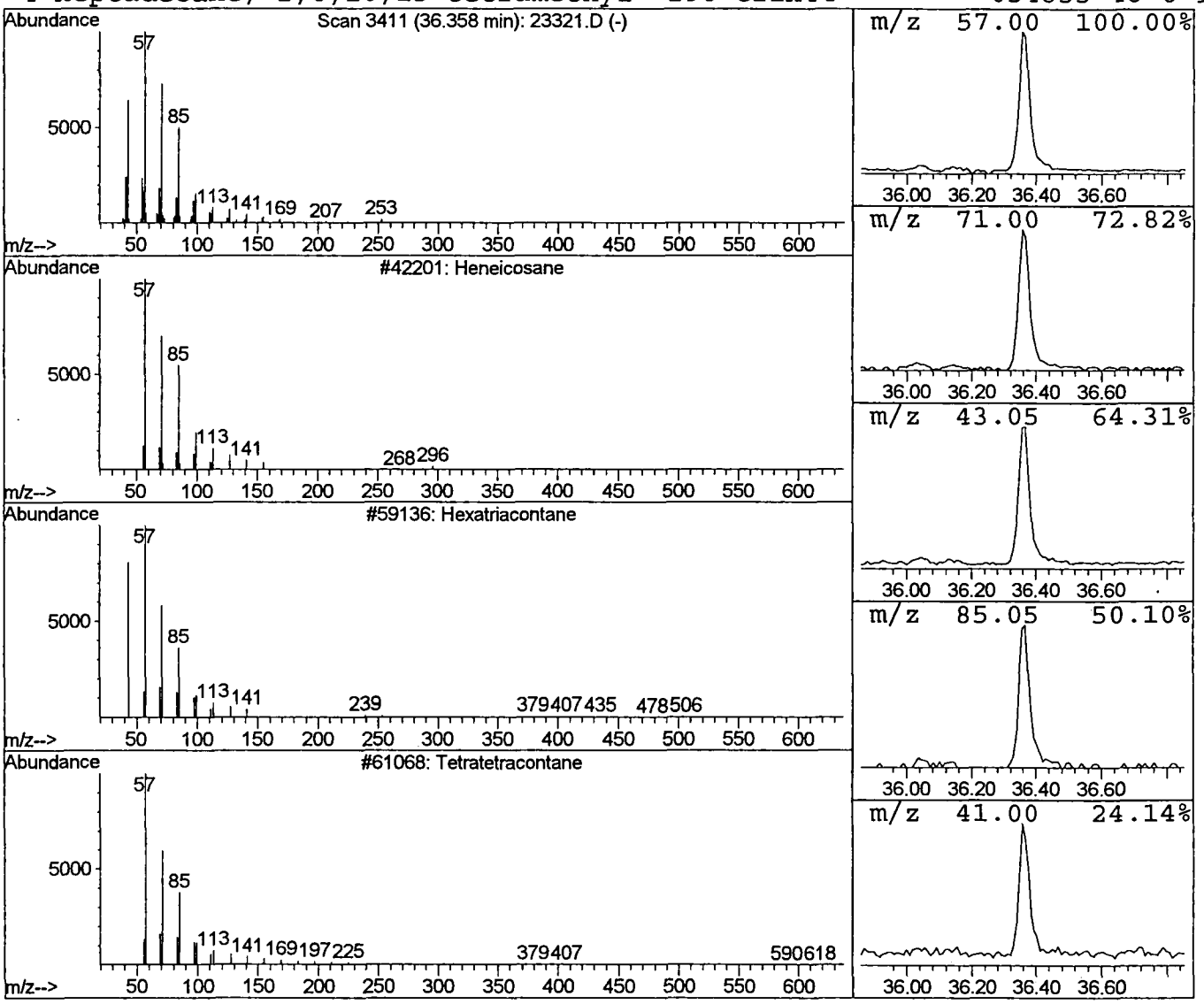
Peak Number 14 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.36	1.53 ug/l	166743	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91



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Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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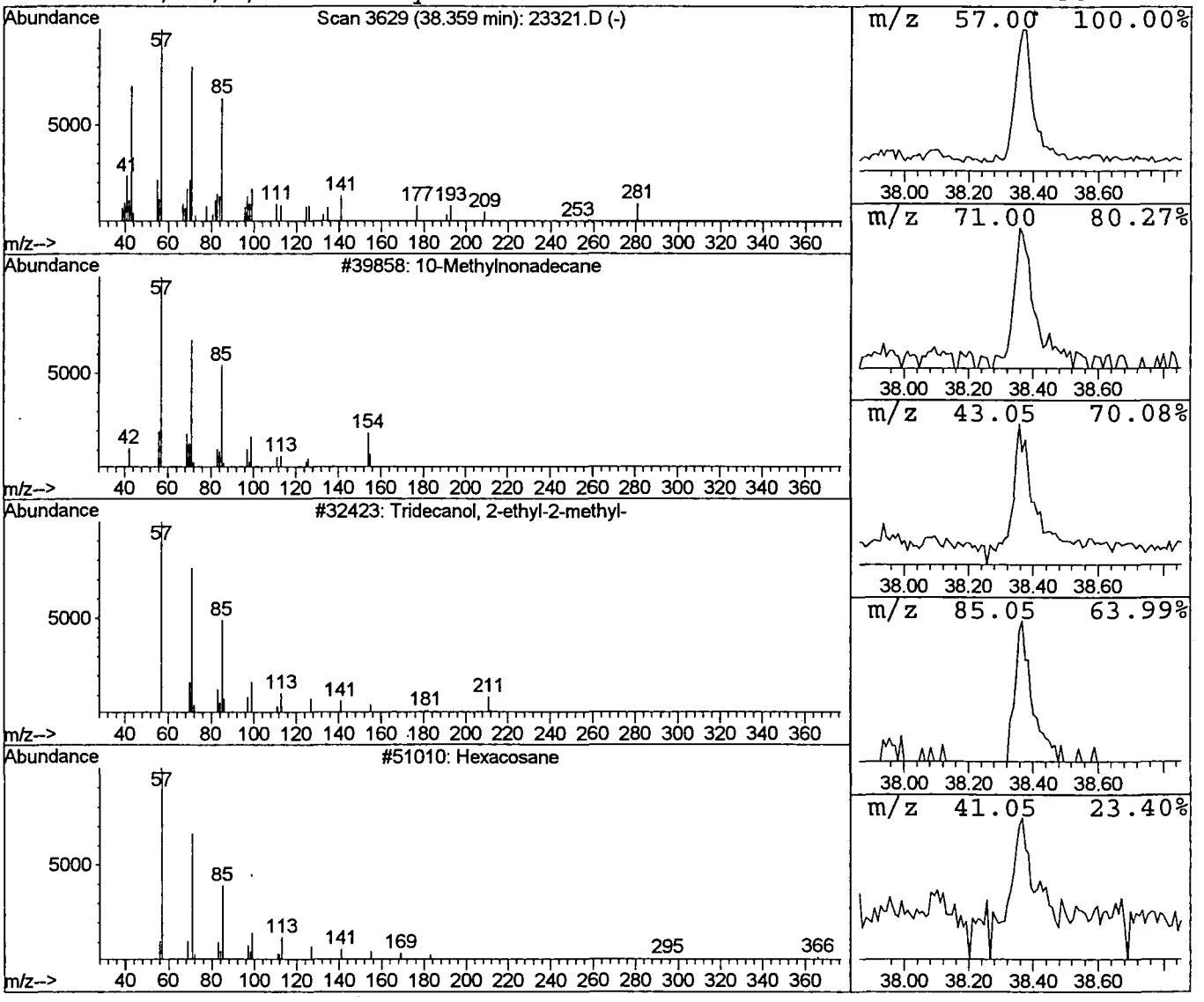
Peak Number 15 10-Methylnonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.36	0.45 ug/l	48775	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	000000-00-0	80
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	000000-00-0	72
3	Hexacosane	366	C26H54	000630-01-3	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Oct 2001 2:50 pm
Data File: C:\HPCHEM\1\DATA\OCT1201\23321.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title: 209 625/TCLP calibration table 7/16/01
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Hexanone	6.49	0.8	ug/l	87484	ISTD01	11.76	2204060	20.0
2-Hexanol	6.73	0.5	ug/l	56600	ISTD01	11.76	2204060	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	57691	ISTD01	11.76	2204060	20.0
Oxirane, 2,3-bis(1-m	29.51	3.1	ug/l	391340	ISTD05	33.12	2510960	20.0
Hexatriacontane	29.63	0.8	ug/l	103150	ISTD05	33.12	2510960	20.0
1-Octadecanol	29.75	0.5	ug/l	61470	ISTD05	33.12	2510960	20.0
Tetradecane	30.70	1.3	ug/l	167267	ISTD05	33.12	2510960	20.0
Butyl tetradecanoate	31.64	2.4	ug/l	300053	ISTD05	33.12	2510960	20.0
Heneicosane	31.74	2.6	ug/l	328130	ISTD05	33.12	2510960	20.0
Heneicosane	32.73	2.7	ug/l	344525	ISTD05	33.12	2510960	20.0
Heneicosane	33.69	3.2	ug/l	400710	ISTD05	33.12	2510960	20.0
Octadecane	34.61	2.3	ug/l	290428	ISTD05	33.12	2510960	20.0
Tetratetracontane	35.49	2.3	ug/l	254341	ISTD06	37.23	2180750	20.0
Heneicosane	36.36	1.5	ug/l	166743	ISTD06	37.23	2180750	20.0
10-Methylnonadecane	38.36	0.4	ug/l	48775	ISTD06	37.23	2180750	20.0

23321.D NP091101.M Mon Oct 15 10:22:46 2001

File : C:\HPCHEM\1\DATA\OCT1201\23321.D
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Acquired : 12 Oct 2001 2:50 pm using AcqMethod NP091101
Instrument : GC/MS 209
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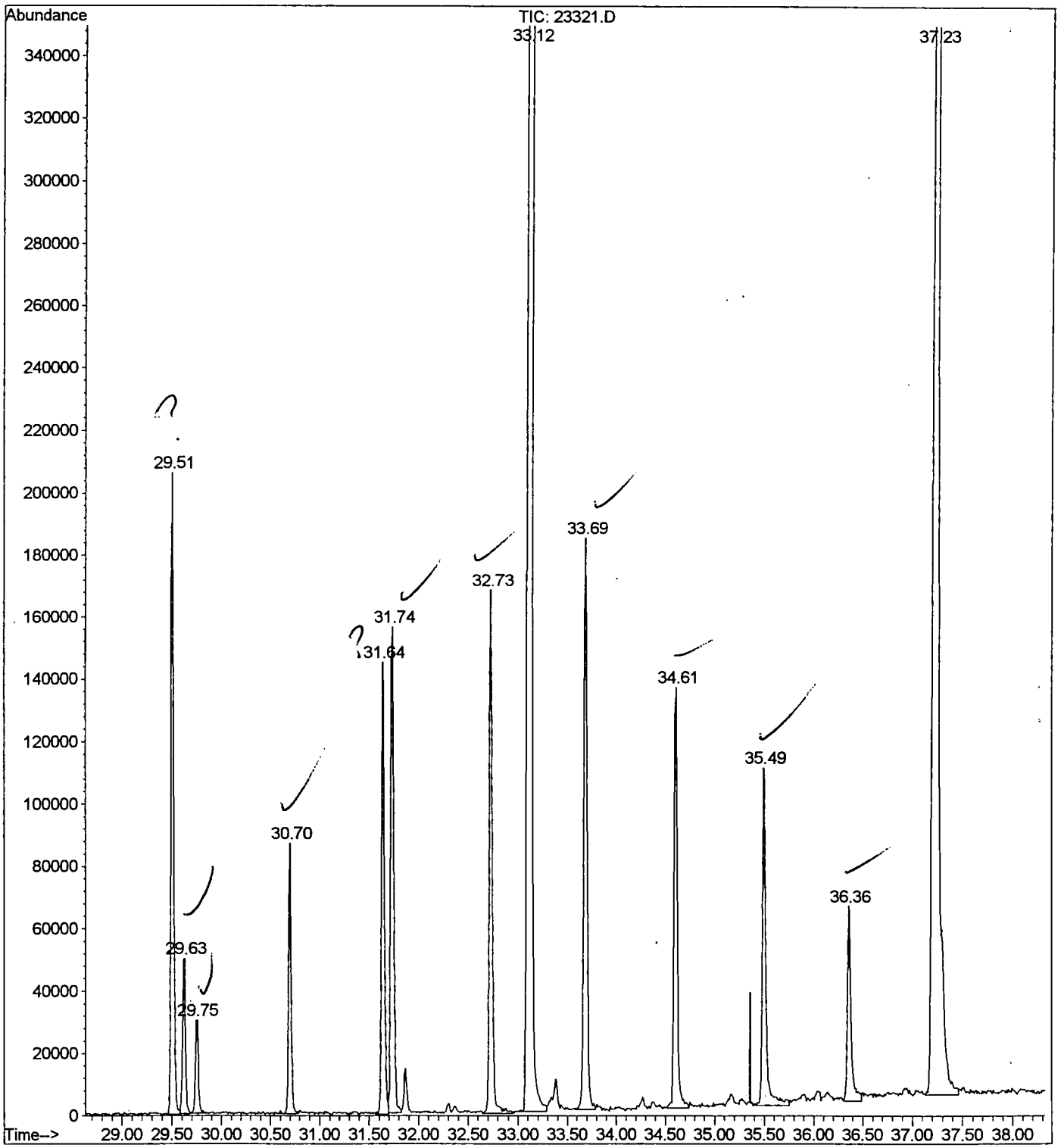
Vial Number: 14



Comments for Sample AD23321 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-18-2001 Time: 08:06:23

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds generally different than those present in the Laboratory Blank.