User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/16/2001 Time: 09:23:50

Sample: AD23345
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/16/01 09:21 Ended: 10/16/01 09:21 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

10/10 bad blanks

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0901\23345.D Vial: 17
Acq On : 10 Oct 2001 4:57 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 11 12:20 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 : Thu Sep 13 12:47:04 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	370426	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1449345m	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	675790	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.08	188	926985	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	560002	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	406426	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	3684	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	1608	0.04	ug/l	-0.02
Spiked Amount 50.000			Recovery =	0.08%		
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)

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Title : 209 625/TCLP calibration table 7/16/01
Last Update : Thu Sep 13 12:47:04 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.	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	315	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	308	N.D.	
56)	Anthracene	25.08	178	308	N.D.	
57)	Di-n-butylphthalate	27.08	149	3065	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	33.69	252	219	N.D.	
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	31.66	149	346	N.D.	
65)	Benzo(a)anthracene	33.13	228	1285	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.38	149	3243	N.D.	
67)	Chrysene	33.13	228	1285	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	

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Acq On : 10 Oct 2001 4:57 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 11 12:20 2001 Quant Results File: NP091101.RES

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Title : 209 625/TCLP calibration table 7/16/01
Last Update : Thu Sep 13 12:47:04 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	1504	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

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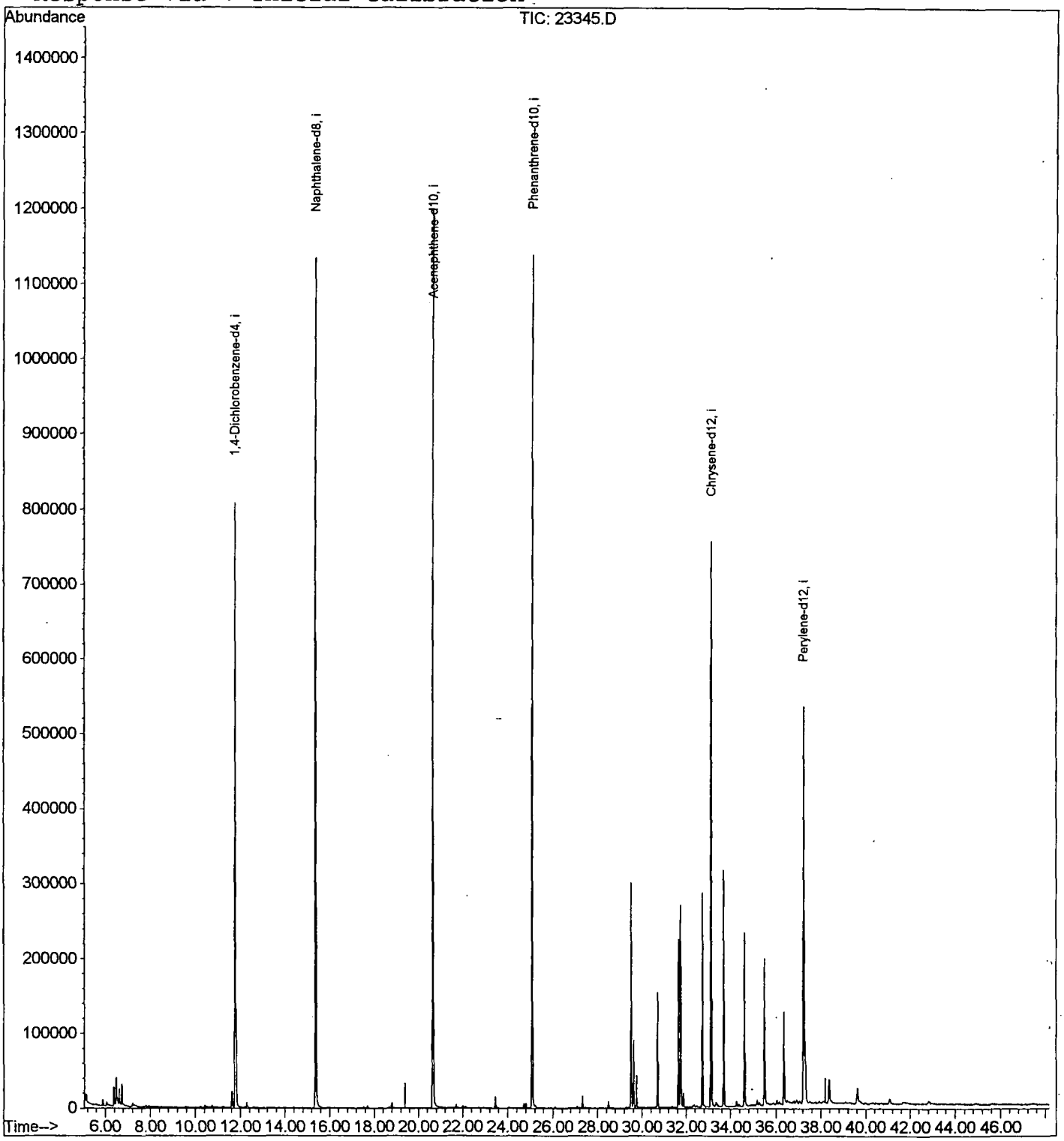
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 11 12:20 2001

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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 : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23345.D Vial: 17
Acq On : 10 Oct 2001 4:57 am 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

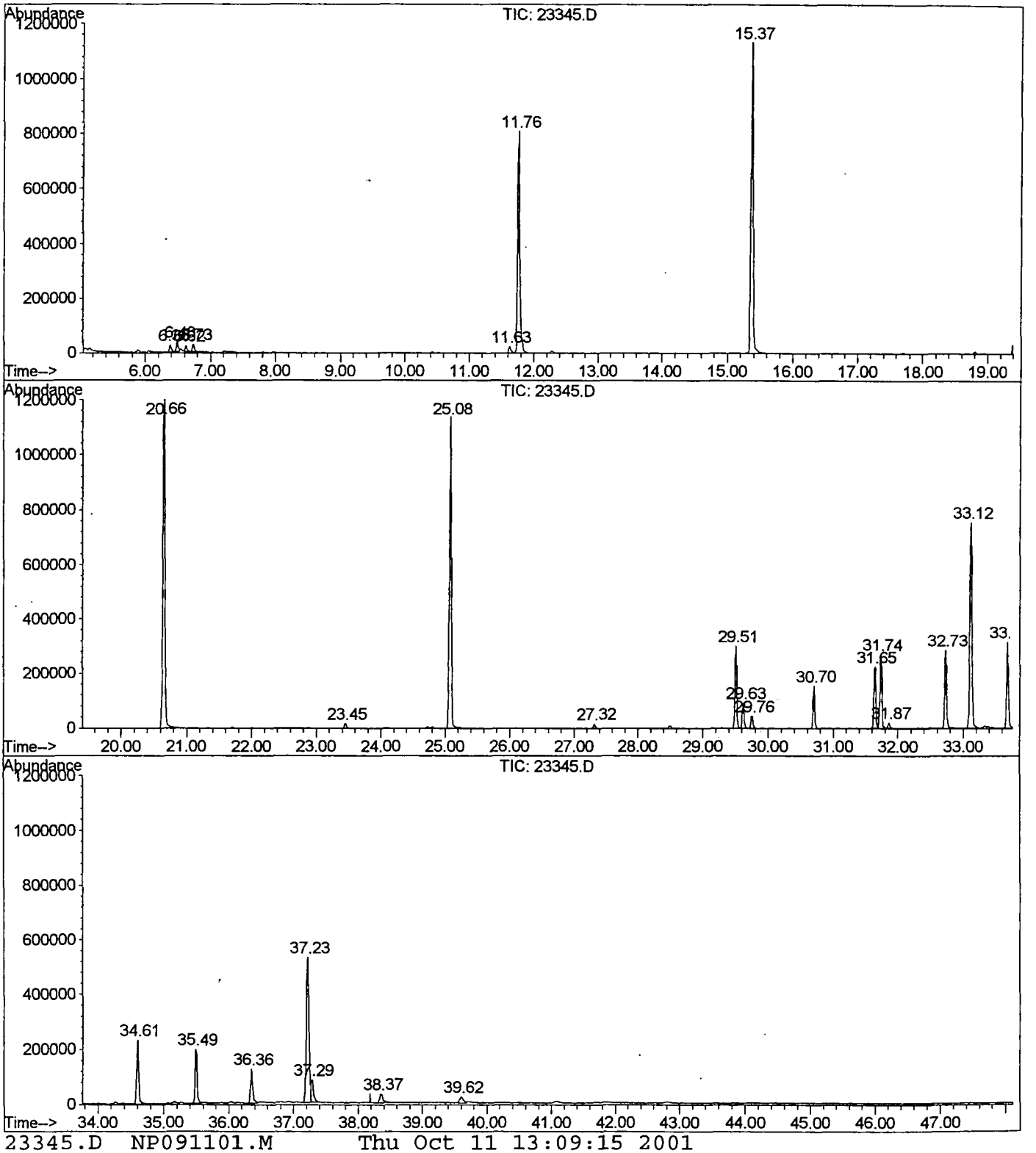
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.383	142	146	153	rBV	25479	51470	1.89%	0.279%
2	6.484	154	157	161	rBV	36024	72582	2.67%	0.394%
3	6.622	169	172	180	rVB	21209	40001	1.47%	0.217%
4	6.732	180	184	193	rVB	28202	58228	2.14%	0.316%
5	11.625	711	717	726	rBV	21990	53956	1.98%	0.293%
6	11.763	726	732	751	rVV	807886	1933599	71.06%	10.485%
7	15.371	1119	1125	1140	rBV	1133950	2673043	98.23%	14.495%
8	20.659	1693	1701	1715	rBV	1199976	2721103	100.00%	14.755%
9	23.449	1998	2005	2012	rBV3	15494	35931	1.32%	0.195%
10	25.084	2176	2183	2195	rBV	1137869	2380710	87.49%	12.910%
11	27.324	2422	2427	2432	rBV	16320	31060	1.14%	0.168%
12	29.508	2659	2665	2672	rBV	299796	580371	21.33%	3.147%
13	29.628	2672	2678	2685	rVB	89790	182867	6.72%	0.992%
14	29.756	2685	2692	2699	rBV	43023	89980	3.31%	0.488%
15	30.702	2789	2795	2803	rBV	153211	297021	10.92%	1.611%
16	31.647	2892	2898	2903	rBV	224134	464956	17.09%	2.521%
17	31.739	2903	2908	2917	rVV	269190	561119	20.62%	3.043%
18	31.868	2917	2922	2926	rVB2	18165	37366	1.37%	0.203%
19	32.731	3009	3016	3022	rBV	285901	588340	21.62%	3.190%
20	33.116	3052	3058	3068	rBV2	754857	1750314	64.32%	9.491%
21	33.686	3109	3120	3128	rBV	315538	671943	24.69%	3.644%
22	34.613	3212	3221	3230	rBV	231639	519028	19.07%	2.814%
23	35.494	3311	3317	3328	rBV	195274	442998	16.28%	2.402%
24	36.357	3405	3411	3421	rBV	123192	293856	10.80%	1.593%
25	37.229	3498	3506	3511	rBV2	528683	1509943	55.49%	8.188%
26	37.293	3511	3513	3525	rVB	80585	195561	7.19%	1.060%
27	38.367	3623	3630	3646	rBV3	31880	119086	4.38%	0.646%
28	39.616	3758	3766	3774	rBV3	20831	84855	3.12%	0.460%

Sum of corrected areas: 18441287

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT0901\23345.D
Operator : 209 GALOS
Acquired : 10 Oct 2001 4:57 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 17
Quant File :NP091101.RES (RTE Integrator)



23345.D NP091101.M Thu Oct 11 13:09:15 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23345.D
Acq On : 10 Oct 2001 4:57 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

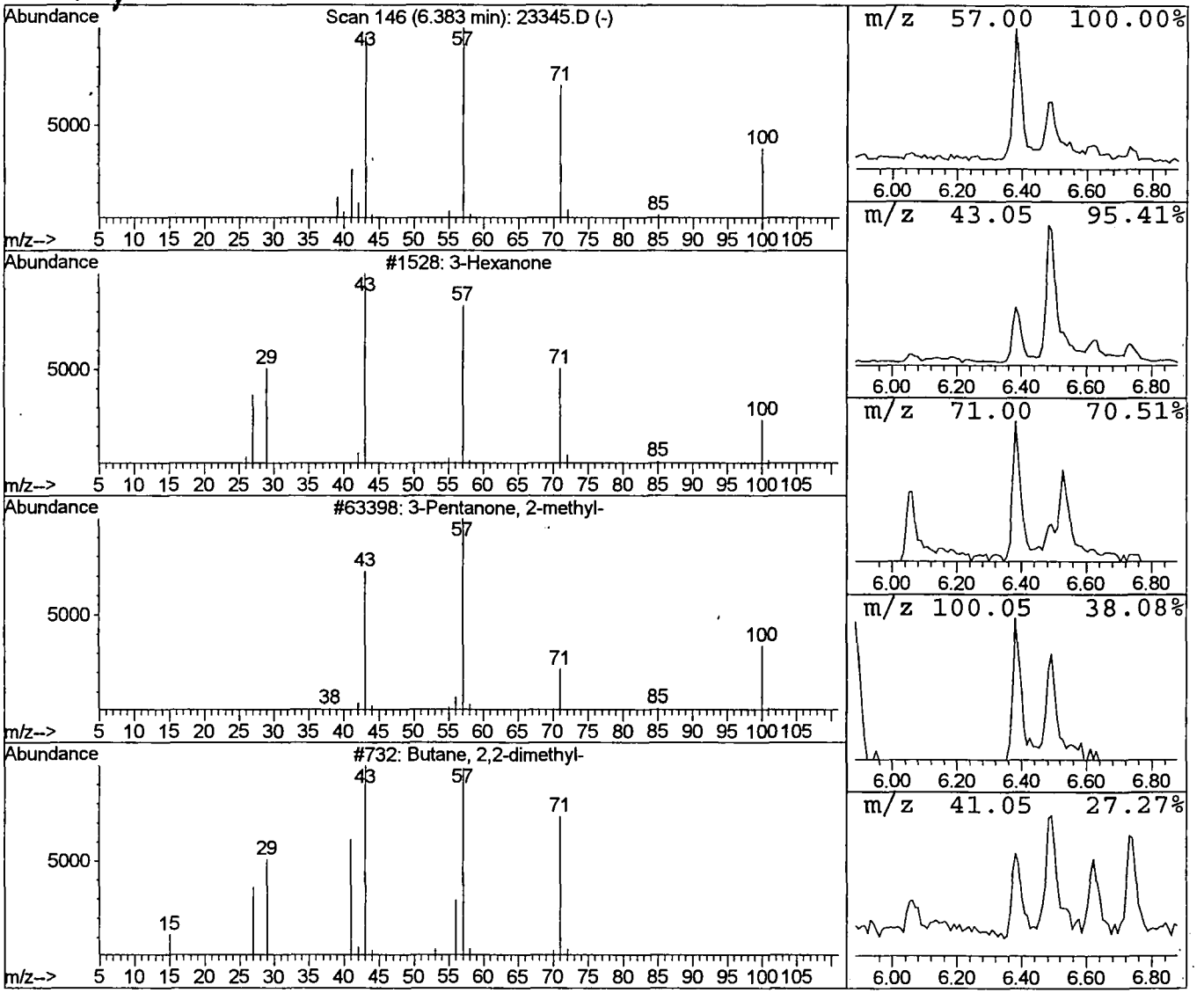
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.53 ug/l	51470	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	80
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	59
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23345.D
Acq On : 10 Oct 2001 4:57 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 17
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
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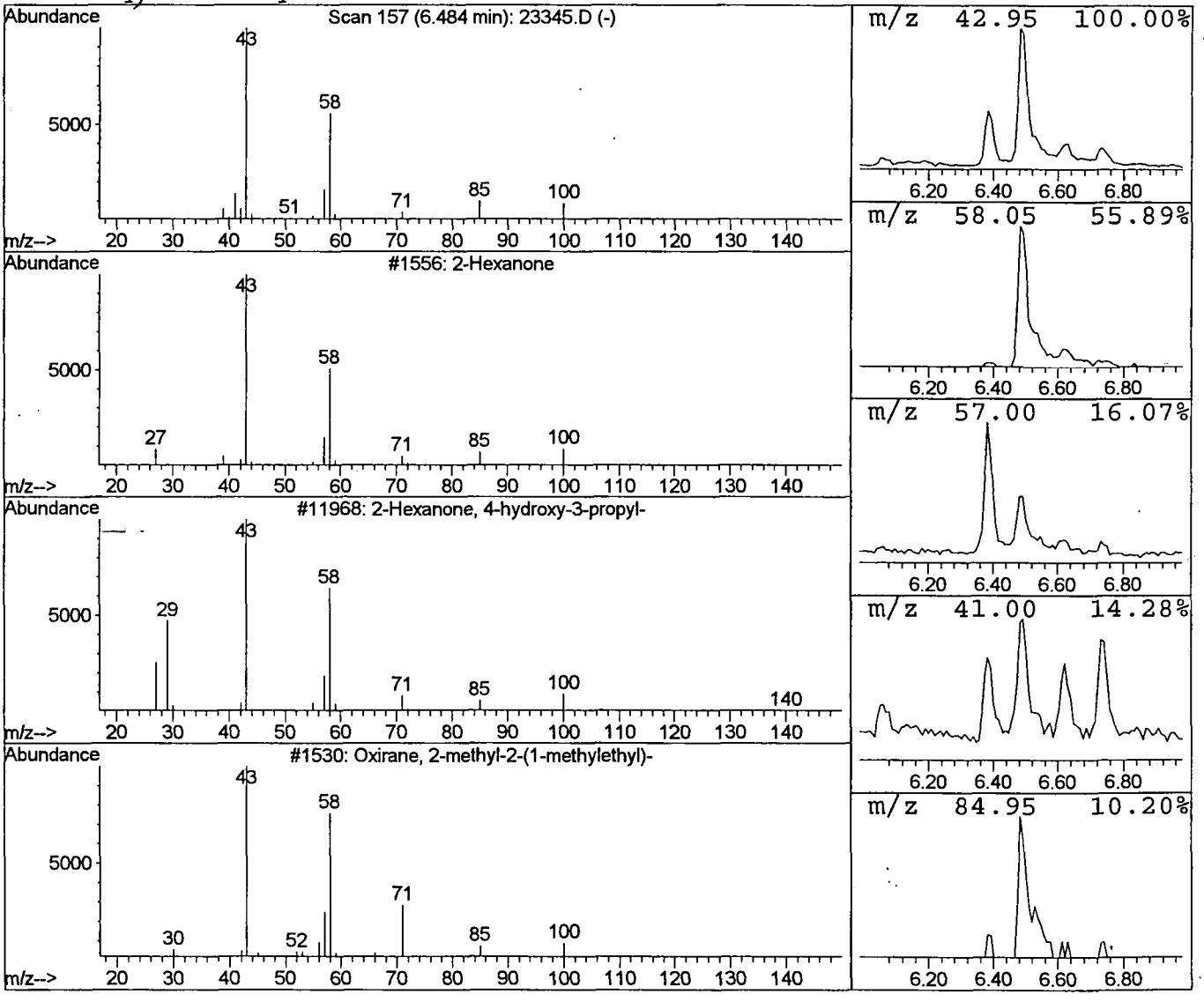
****

Peak Number 2 2-Hexanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.75 ug/l	72582	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
3	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	59
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



Library Search Compound Report

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Acq On : 10 Oct 2001 4:57 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

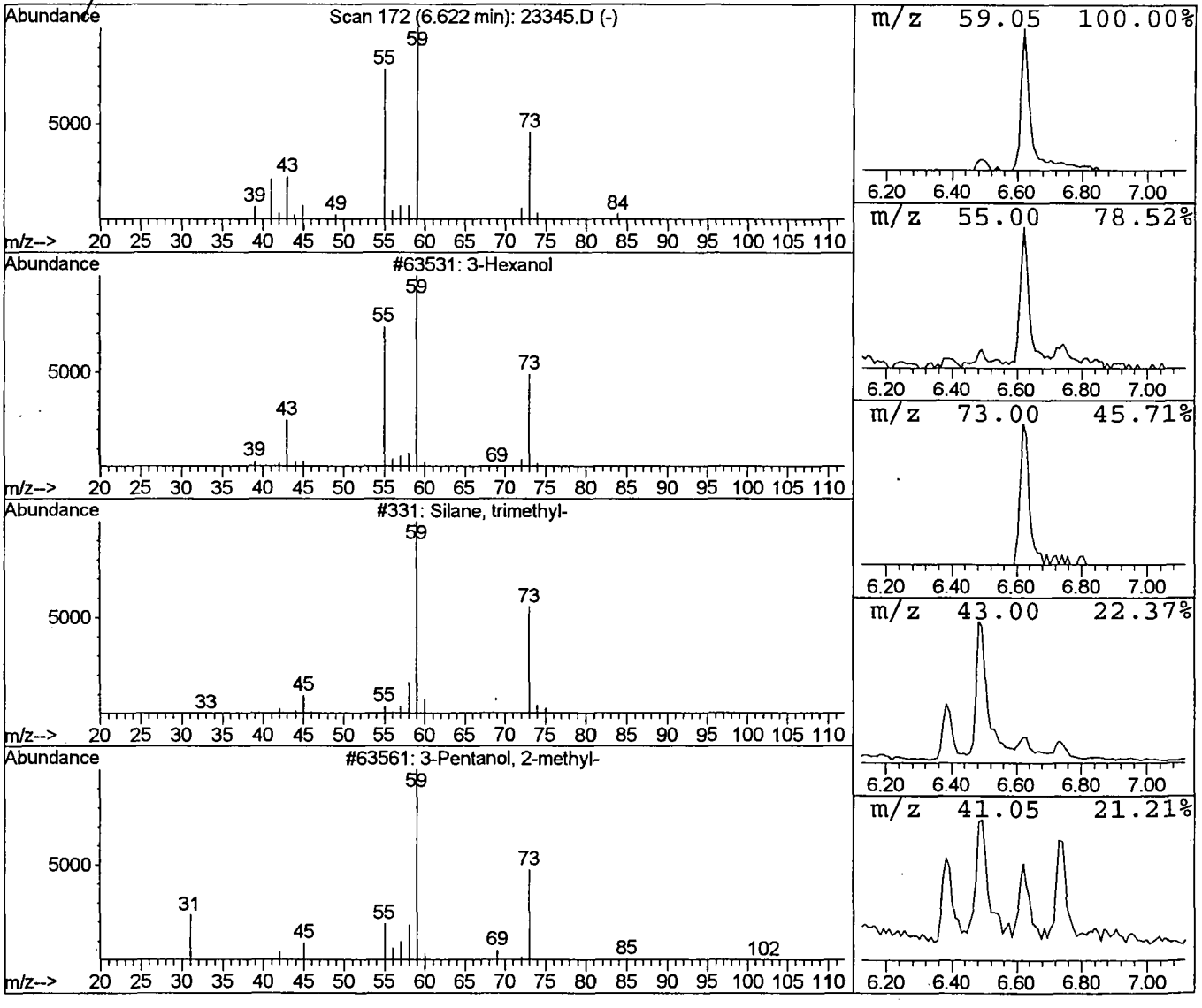
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	0.41 ug/l	40001	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	53
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	38
4	3-Pentanol	88	C5H12O	000584-02-1	36



Library Search Compound Report

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Acq On : 10 Oct 2001 4:57 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

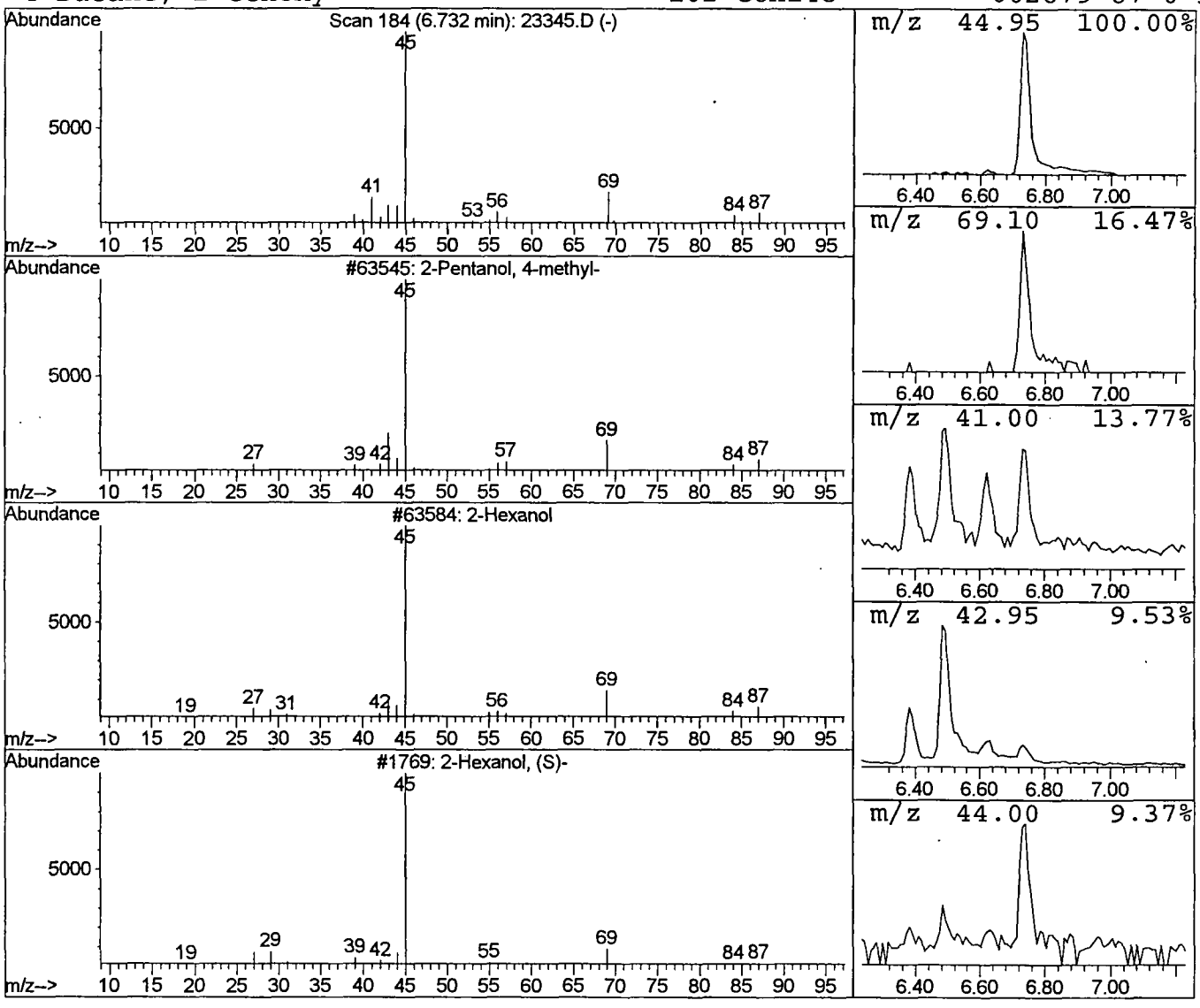
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Pentanol, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.60 ug/l	58228	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	78
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	40
4	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	39



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Acq On : 10 Oct 2001 4:57 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

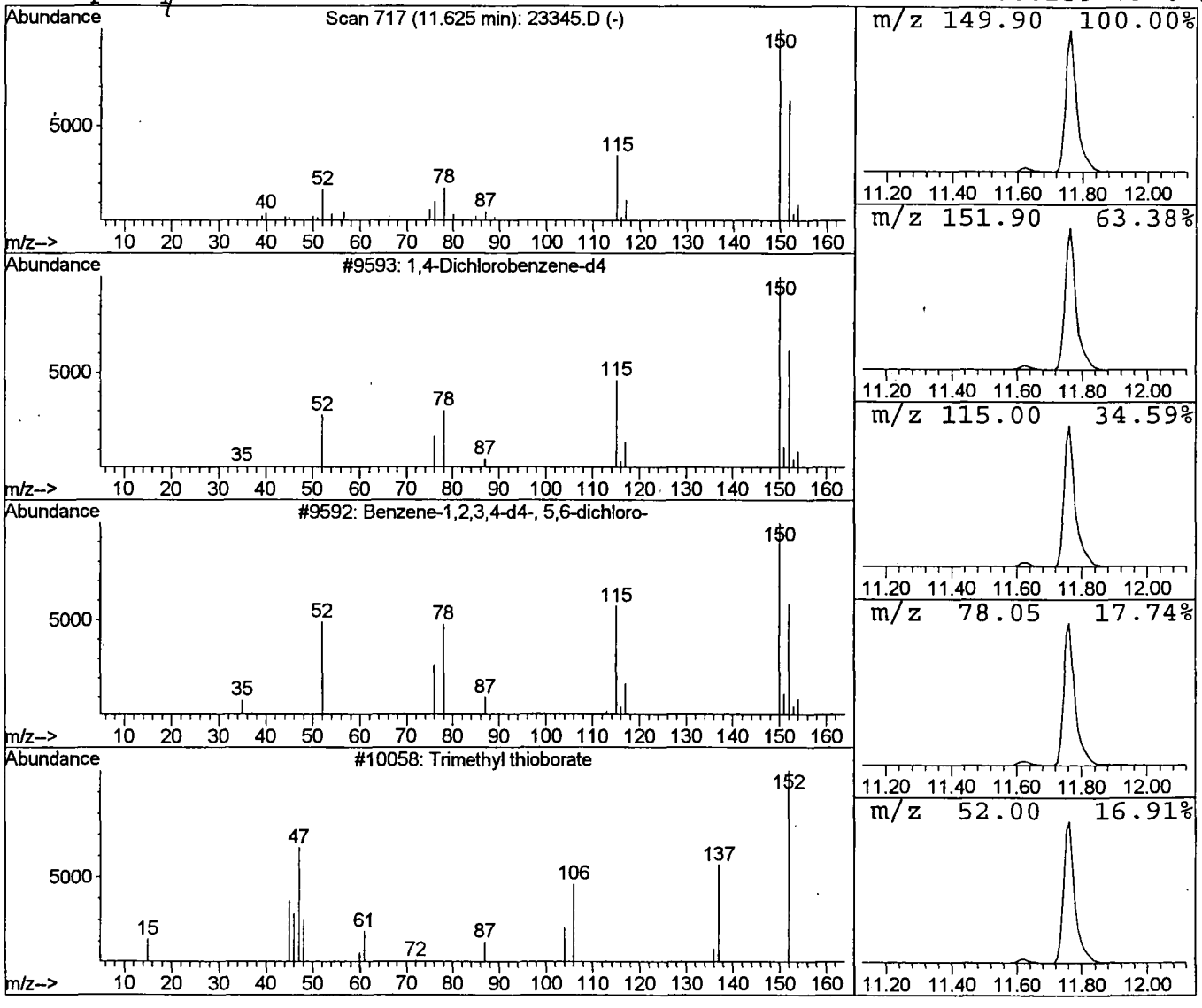
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1,4-Dichlorobenzene-d4 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	0.56 ug/l	53956	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	50
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	32
3	Trimethyl thioborate	152	C3H9BS3	000997-49-9	9
4	Biphenylene	152	C12H8	000259-79-0	9



Library Search Compound Report

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Acq On : 10 Oct 2001 4:57 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

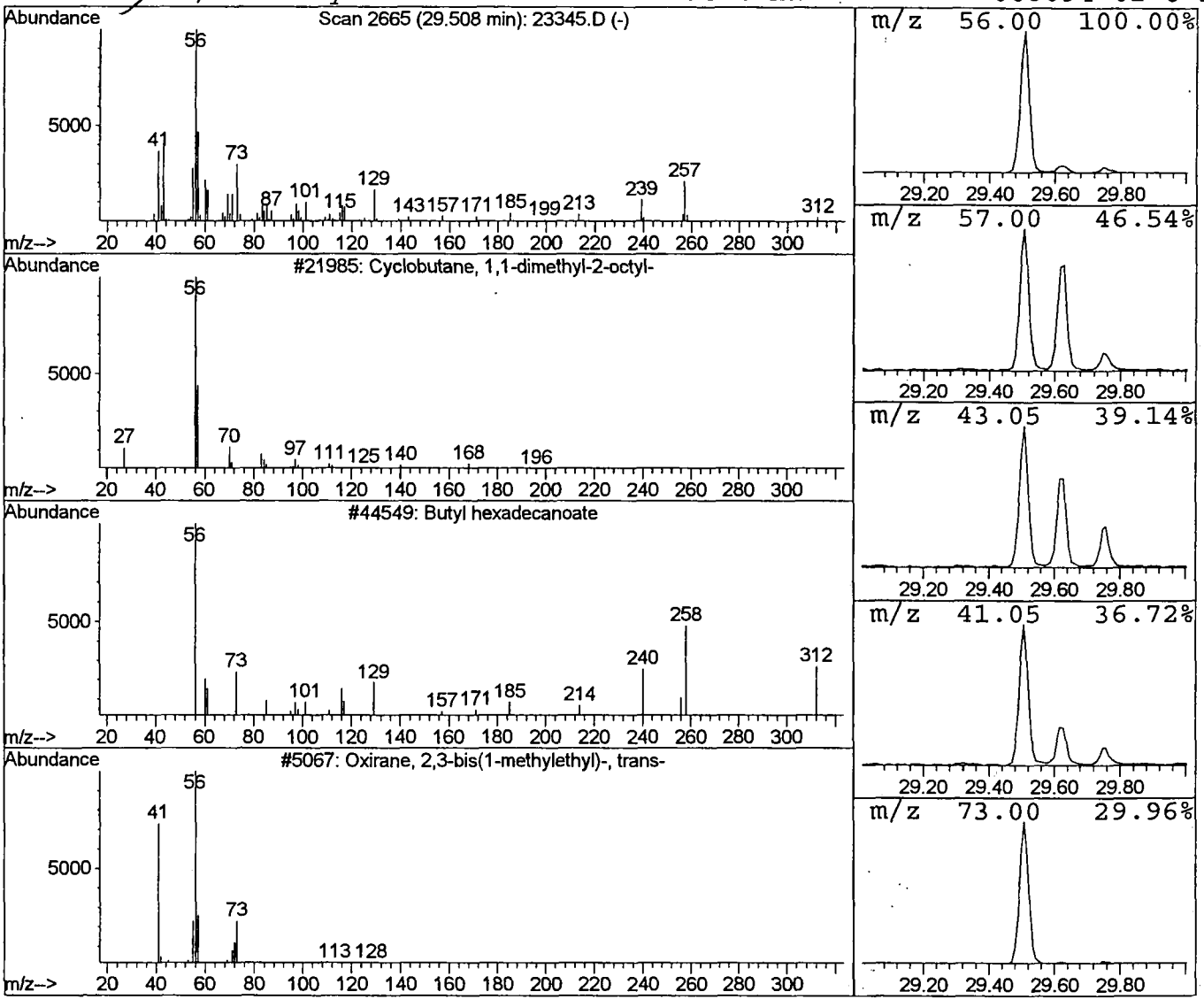
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Cyclobutane, 1,1-dimethyl-2-oc Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.51	6.63 ug/l	580371	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
2	Butyl hexadecanoate	312	C20H40O2	000000-00-0	35
3	Oxirane, 2,3-bis(1-methylethyl)-, t	128	C8H16O	054644-32-5	32
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27



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Acq On : 10 Oct 2001 4:57 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

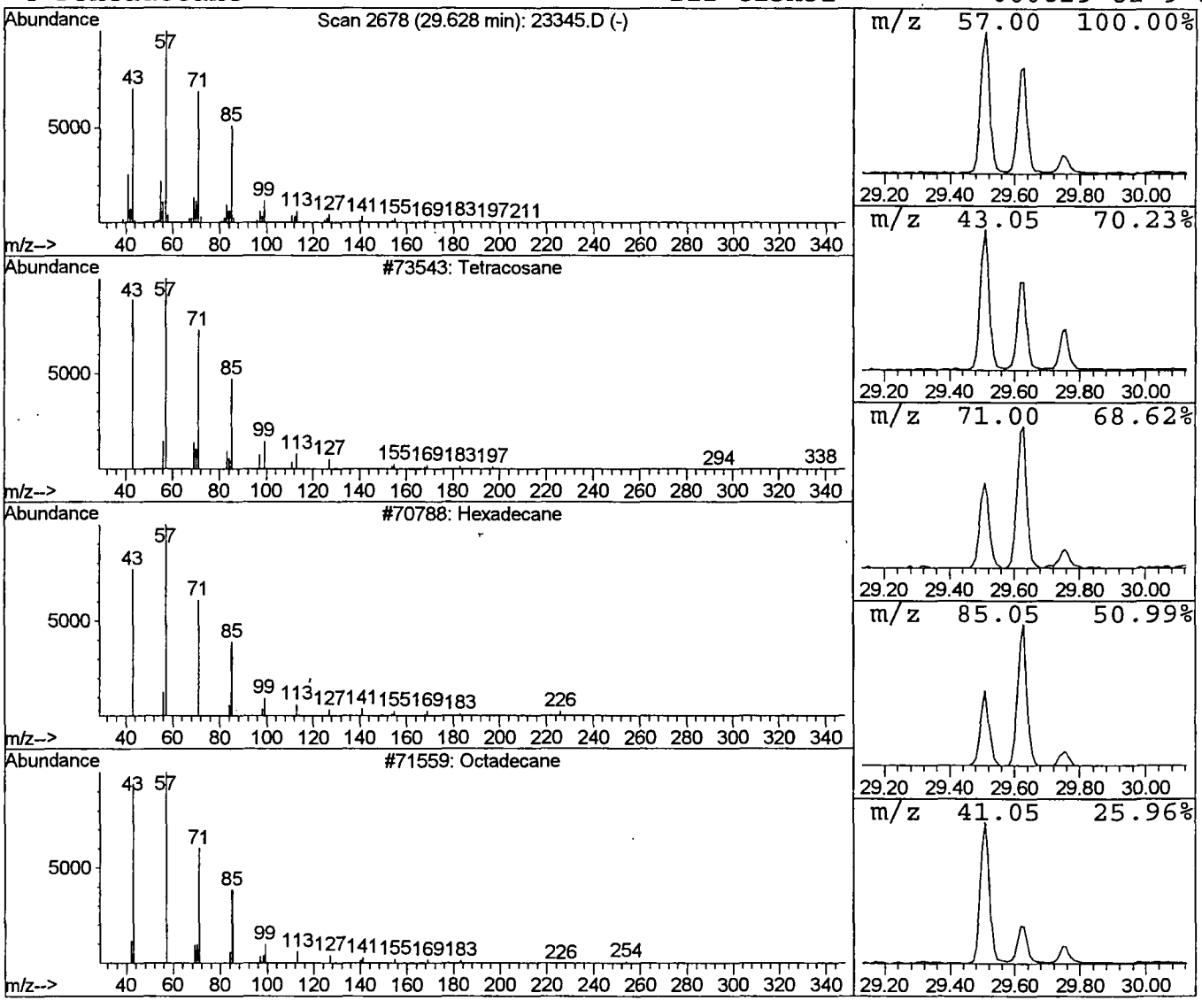
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Tetracosane — Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.63	2.09 ug/l	182867	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Pentadecane	212	C15H32	000629-62-9	86



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

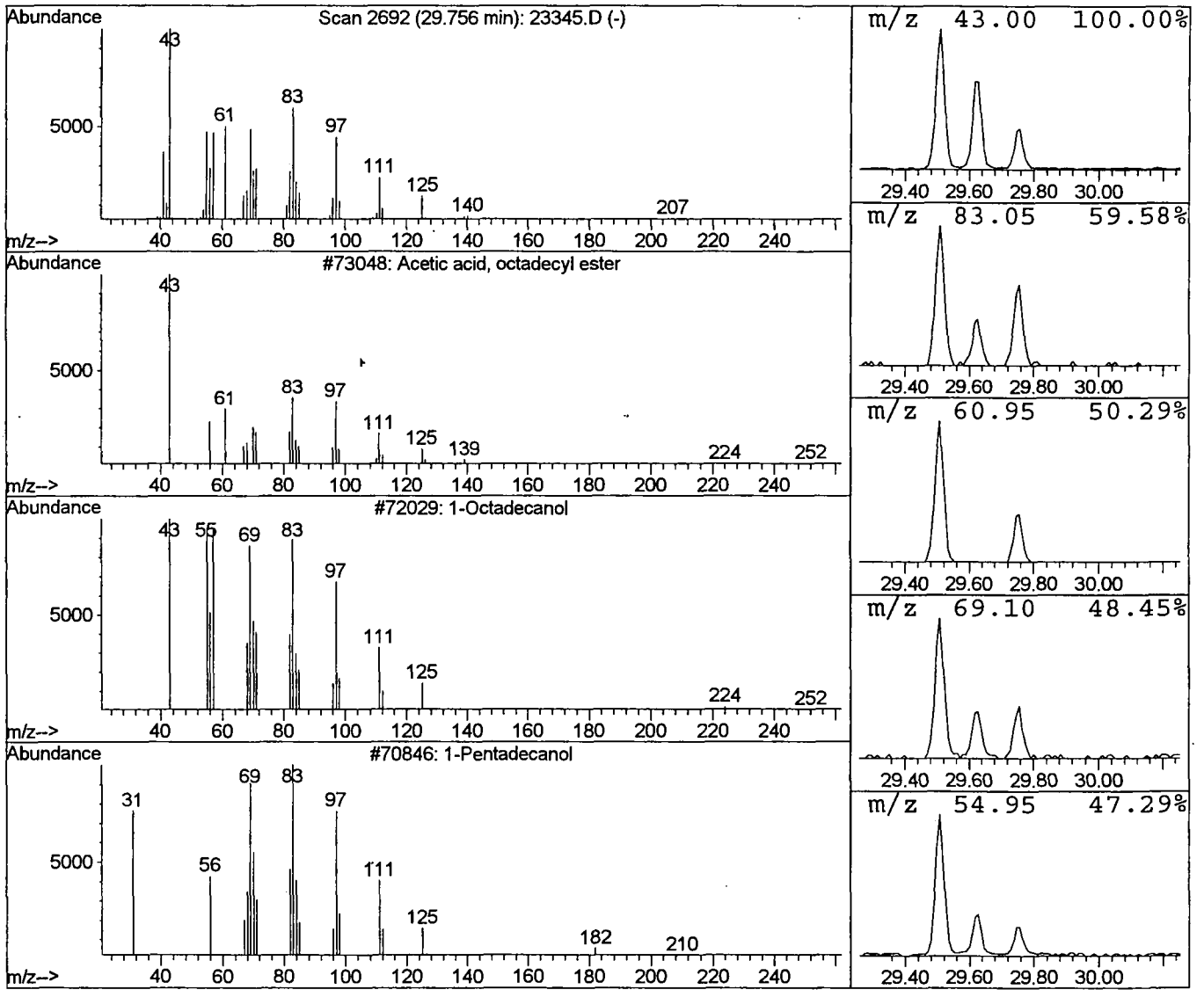
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Acetic acid, octadecyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.76	1.03 ug/l	89980	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	91
2	1-Octadecanol	270	C18H38O	000112-92-5	81
3	1-Pentadecanol	228	C15H32O	000629-76-5	74
4	4-Tetradecanol	214	C14H30O	001653-33-4	68



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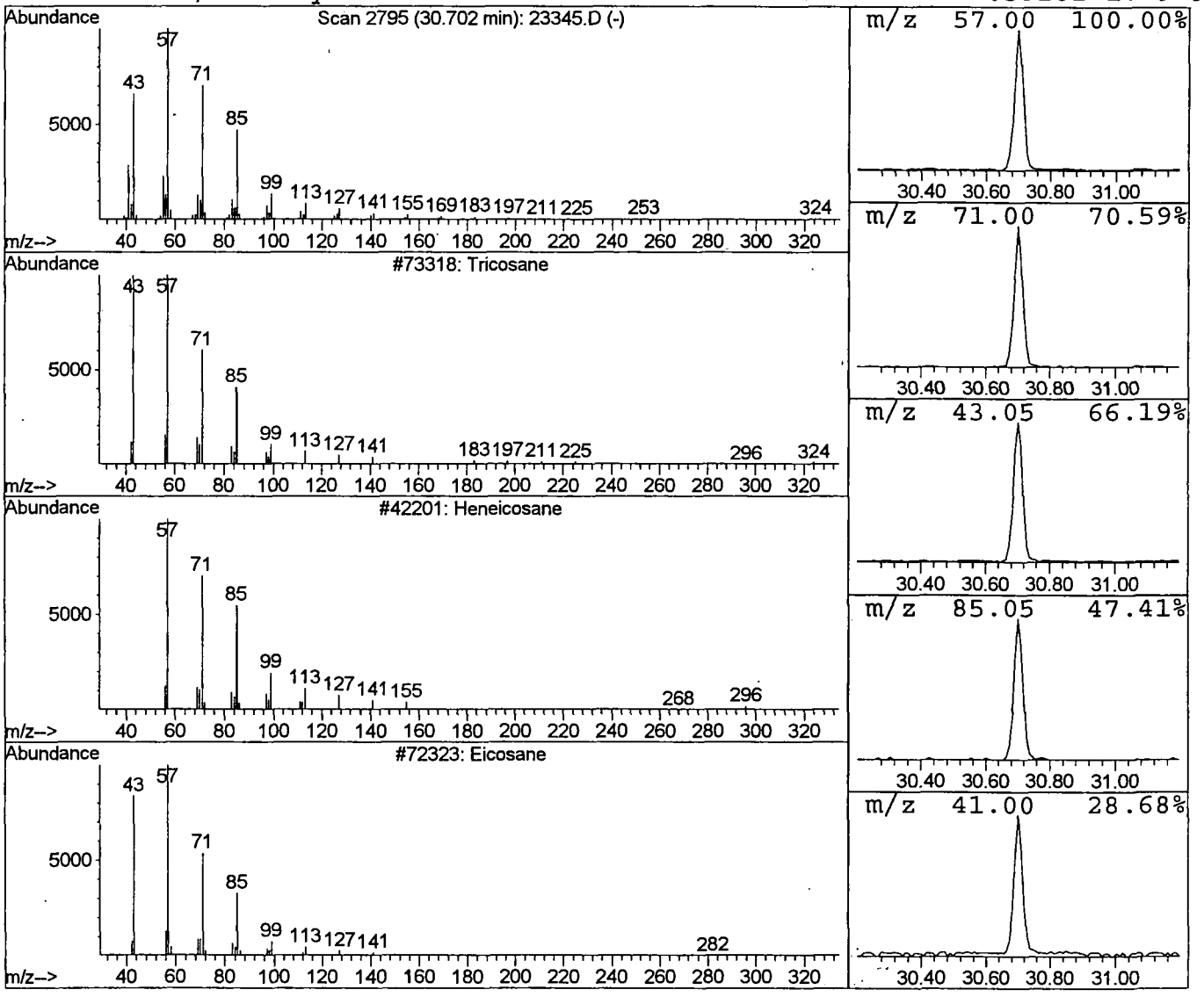
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Tricosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.70	3.39 ug/l	297021	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	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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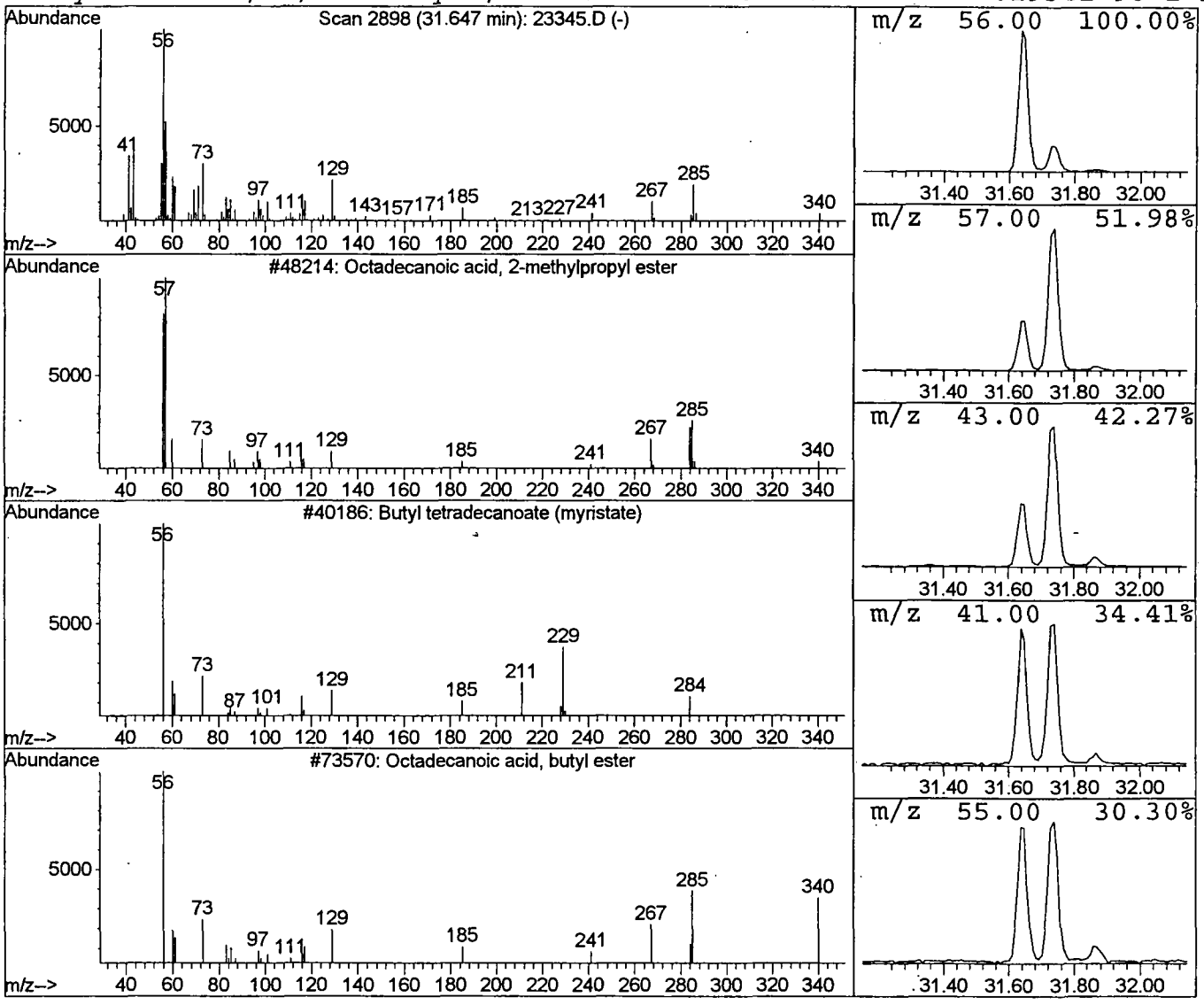
Peak Number 10 Octadecanoic acid, 2-methylpro Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.65	5.31 ug/l	464956	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropyl e	340	C22H44O2	000646-13-9	89
2	Butyl tetradecanoate (myristate)	284	C18H36O2	000000-00-0	64
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	45
4	Cyclobutane, 1,2-diethyl-, trans-	112	C8H16	019341-98-1	27



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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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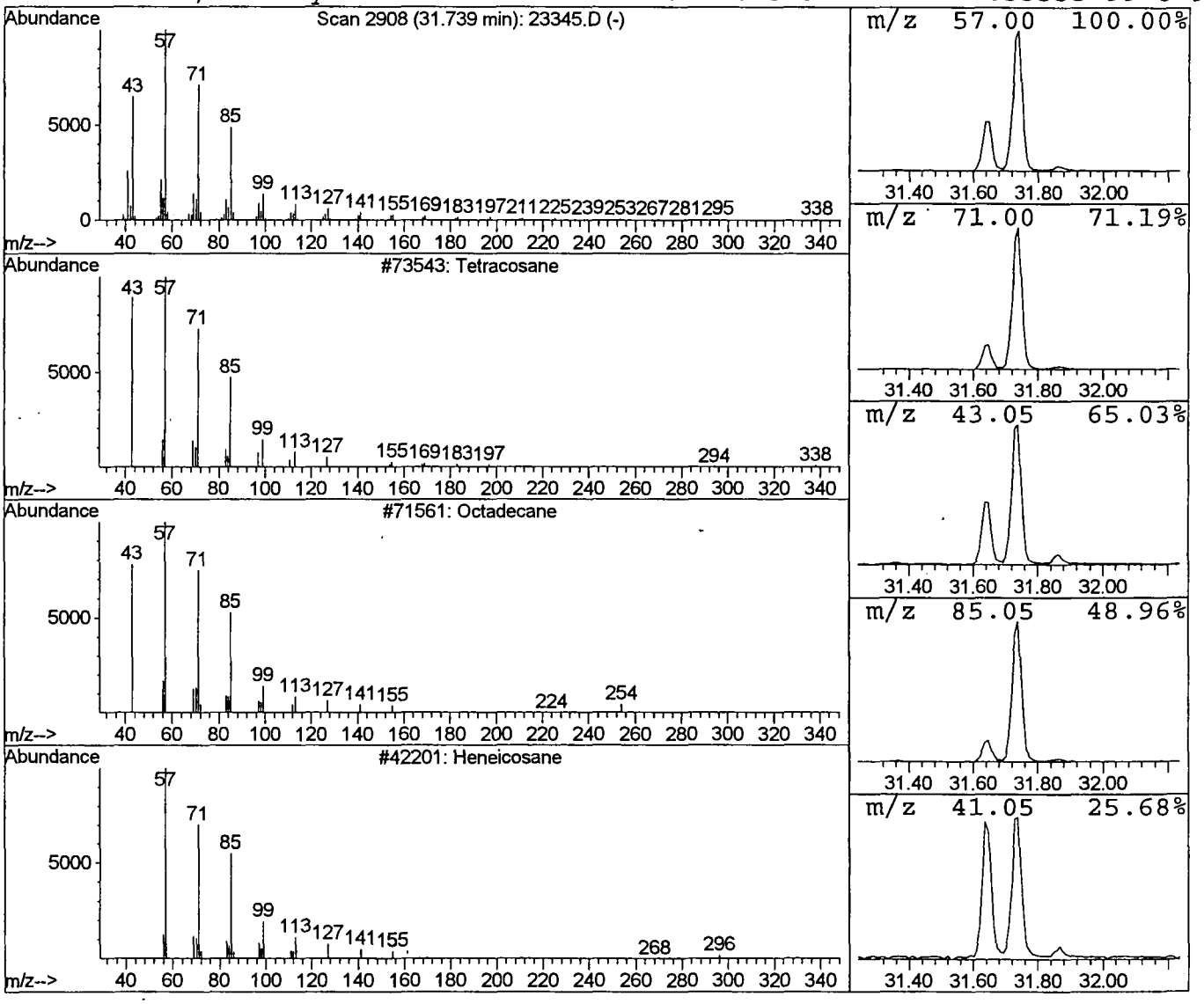
Peak Number 11 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.74	6.41 ug/l	561119	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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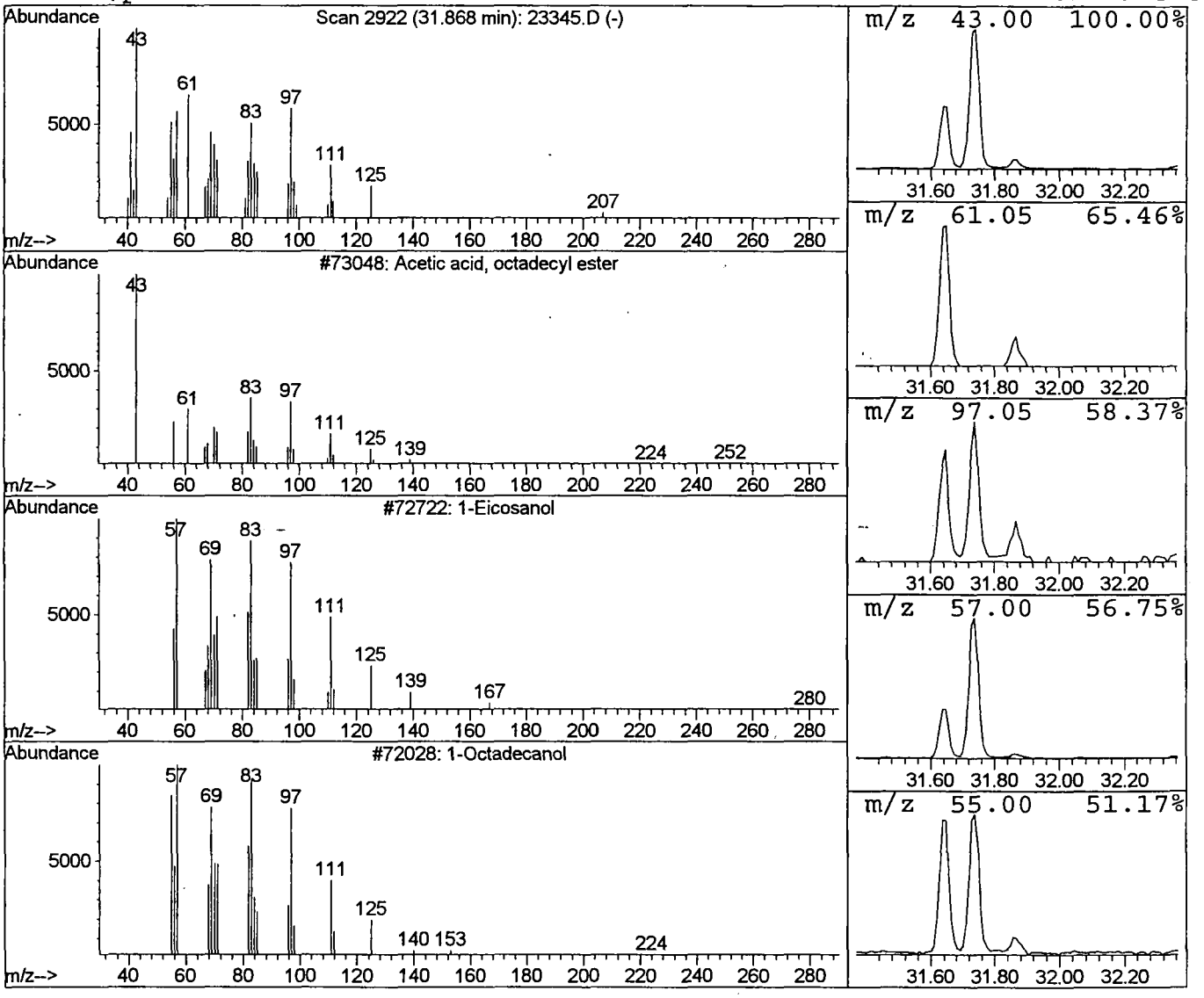
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 12 Acetic acid, octadecyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.87	0.43 ug/l	37366	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	74
2	1-Eicosanol	298	C20H42O	000629-96-9	64
3	1-Octadecanol	270	C18H38O	000112-92-5	58
4	1-Heptadecene	238	C17H34	006765-39-5	58



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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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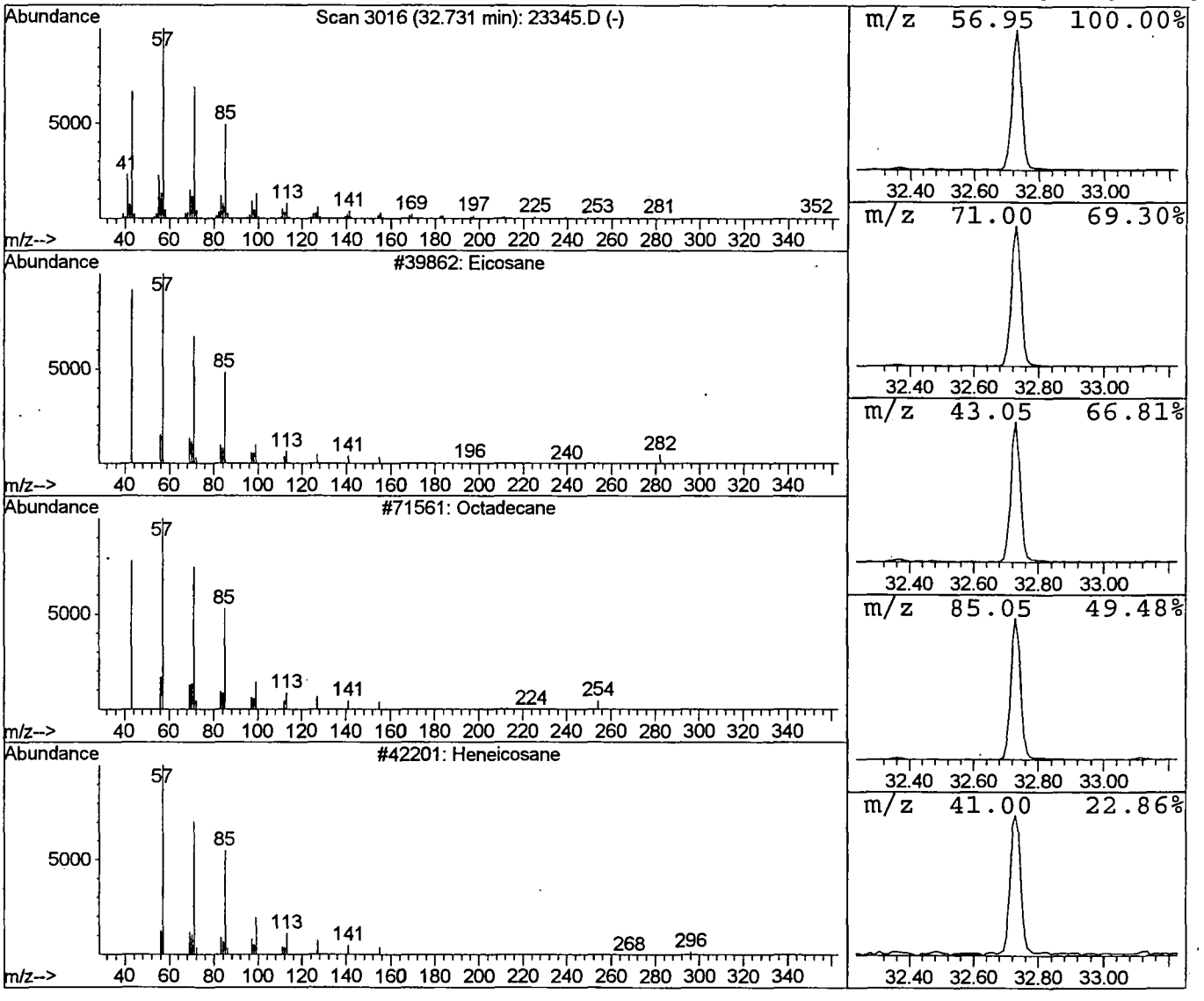
Peak Number 13 Eicosane — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.73	6.72 ug/l	588340	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
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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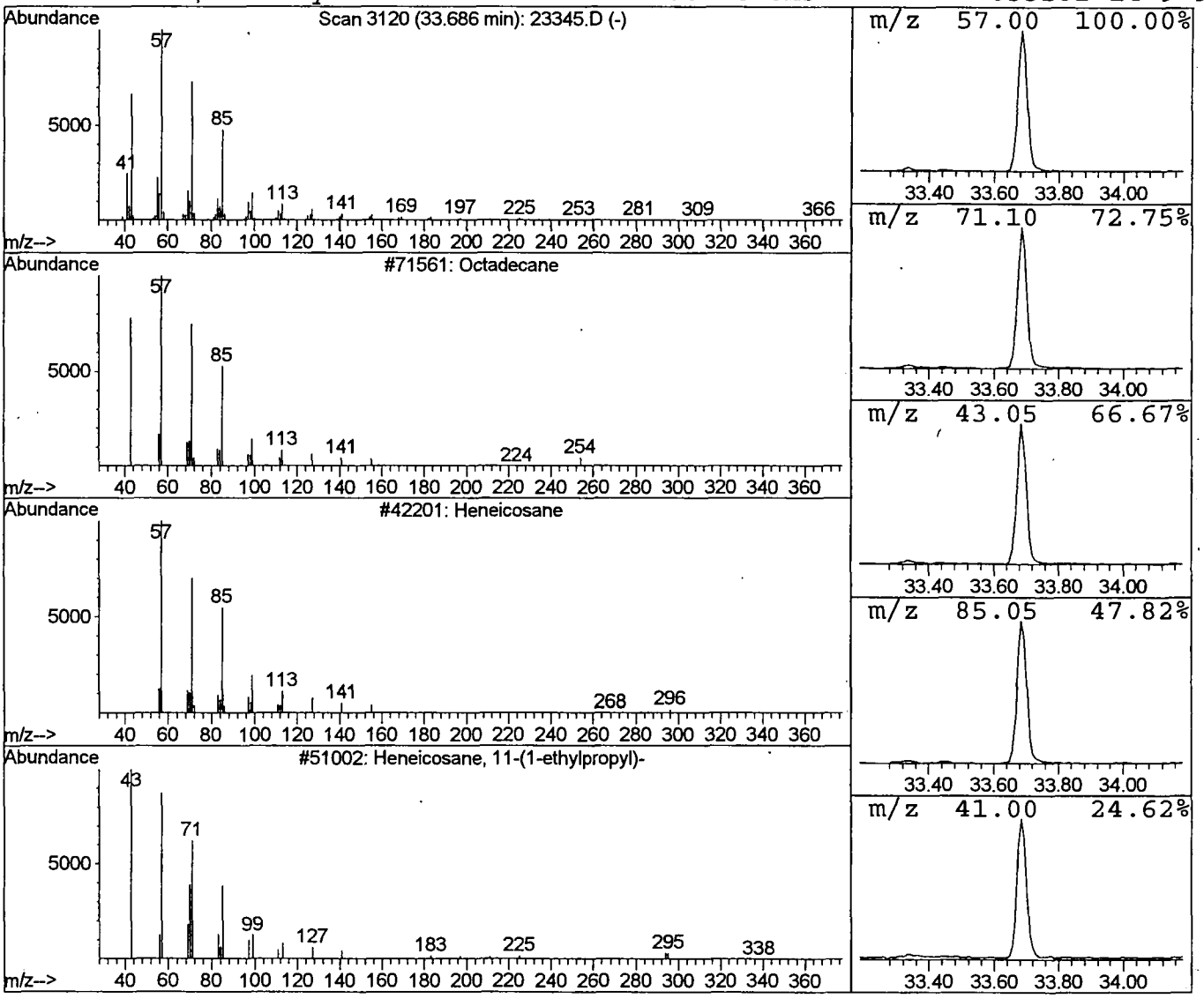
Peak Number 14 Octadecane — Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.69	7.68 ug/l	671943	Chrysene-d12	33.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	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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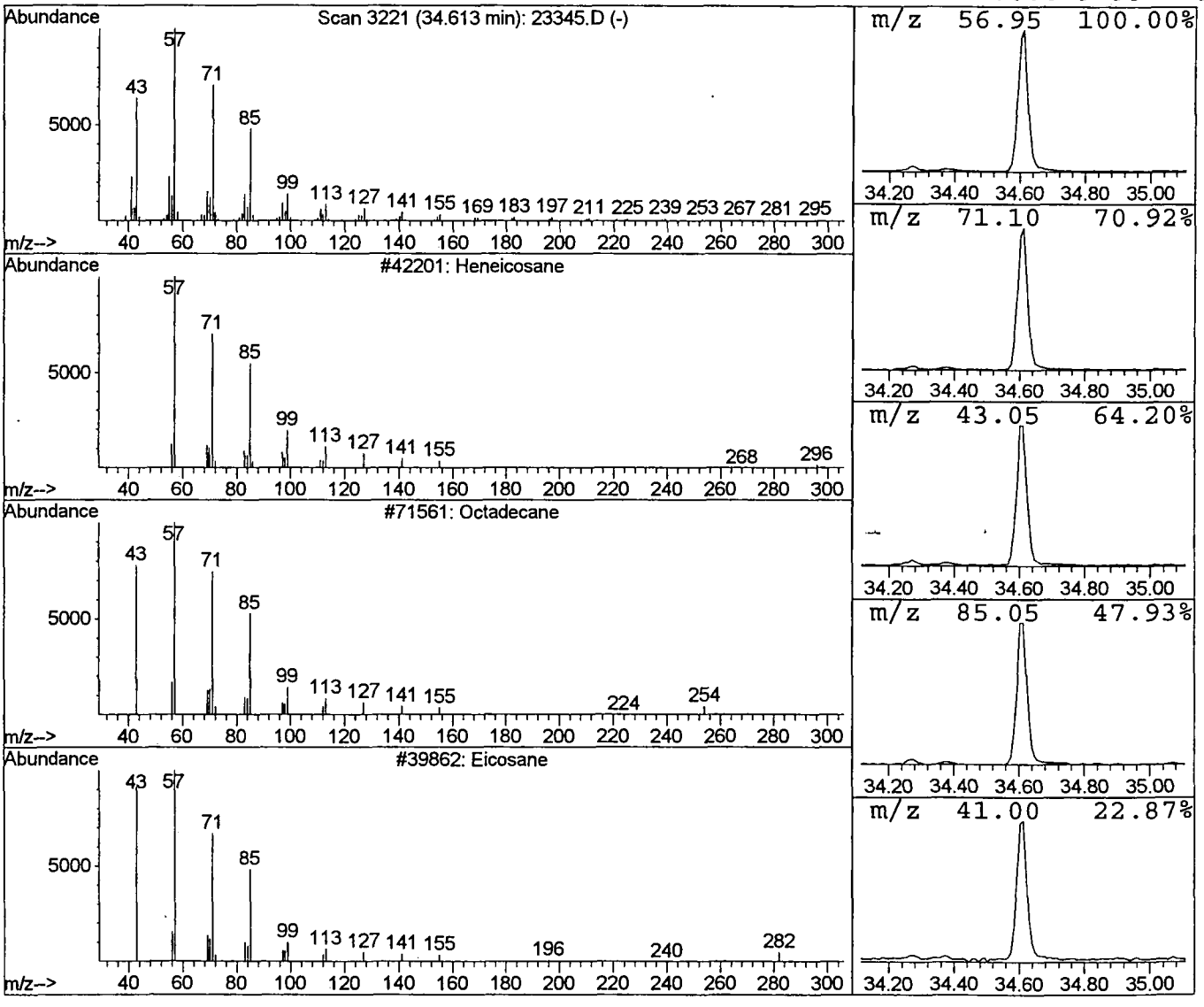
Peak Number 15 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.61	5.93 ug/l	519028	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	Pentacosane	352	C25H52	000629-99-2	91



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Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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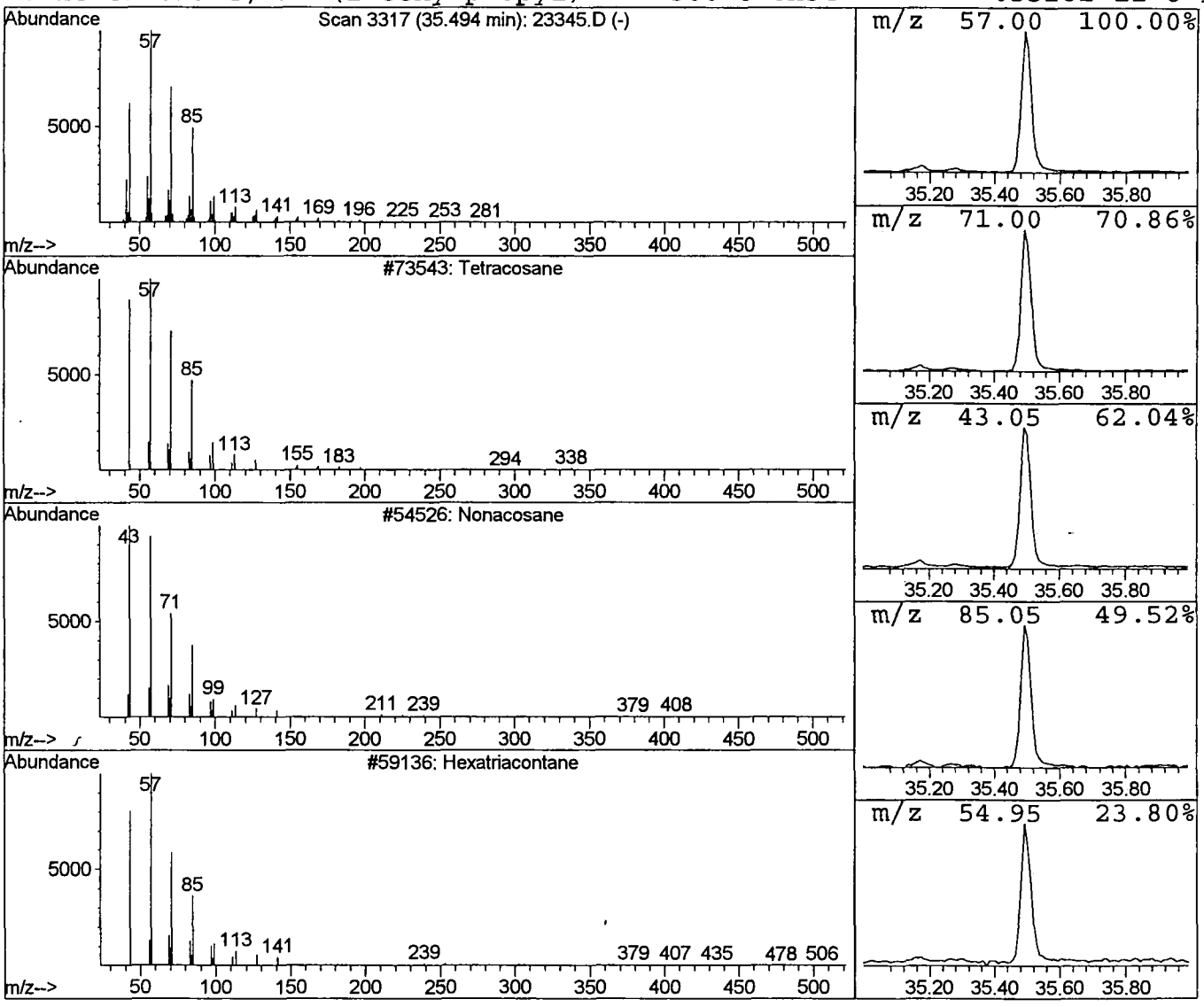
Peak Number 16 Tetracosane — Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.49	5.87 ug/l	442998	Perylene-d12	37:23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Nonacosane	408	C29H60	000630-03-5	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



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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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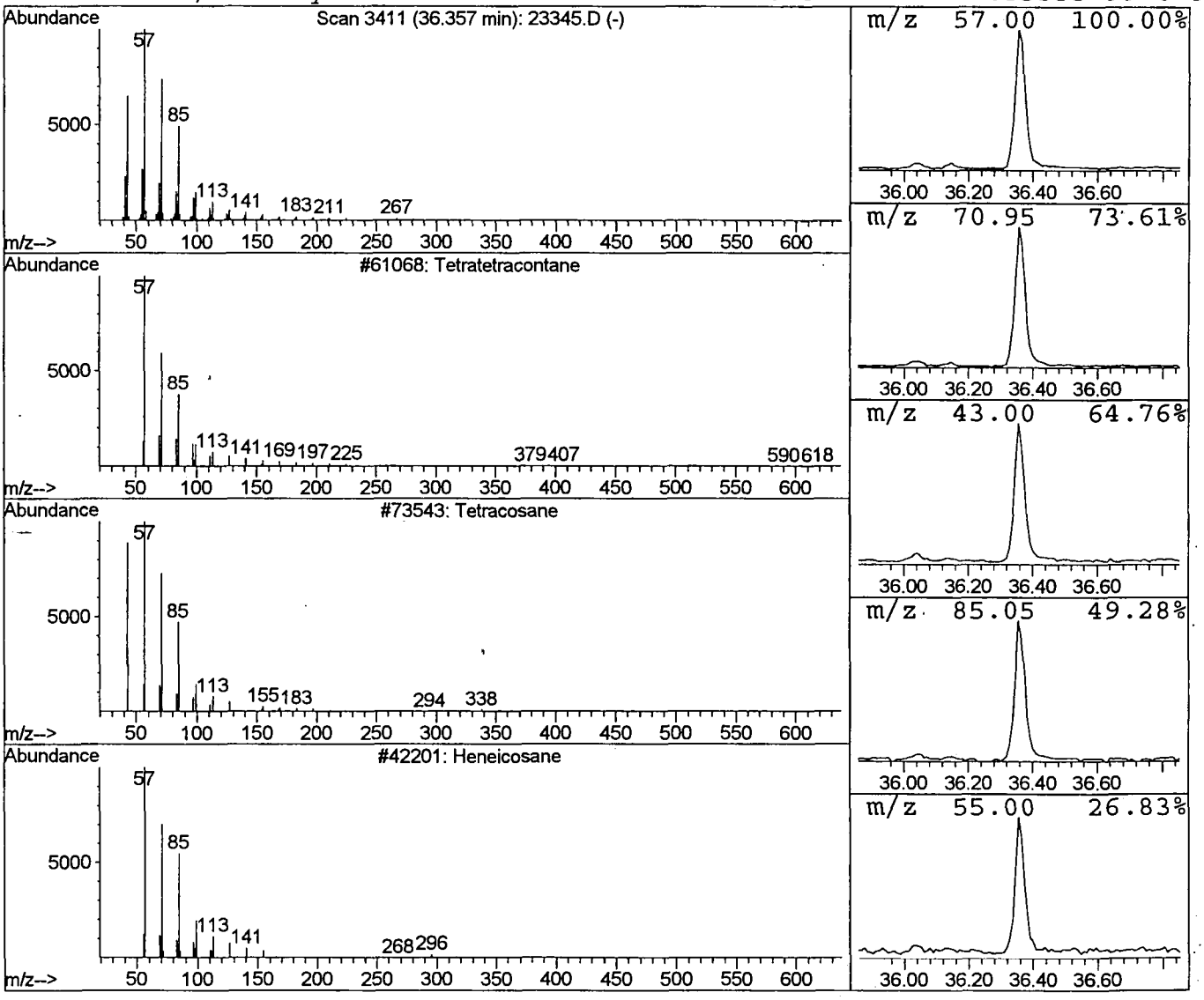
Peak Number 17 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.36	3.89 ug/l	293856	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	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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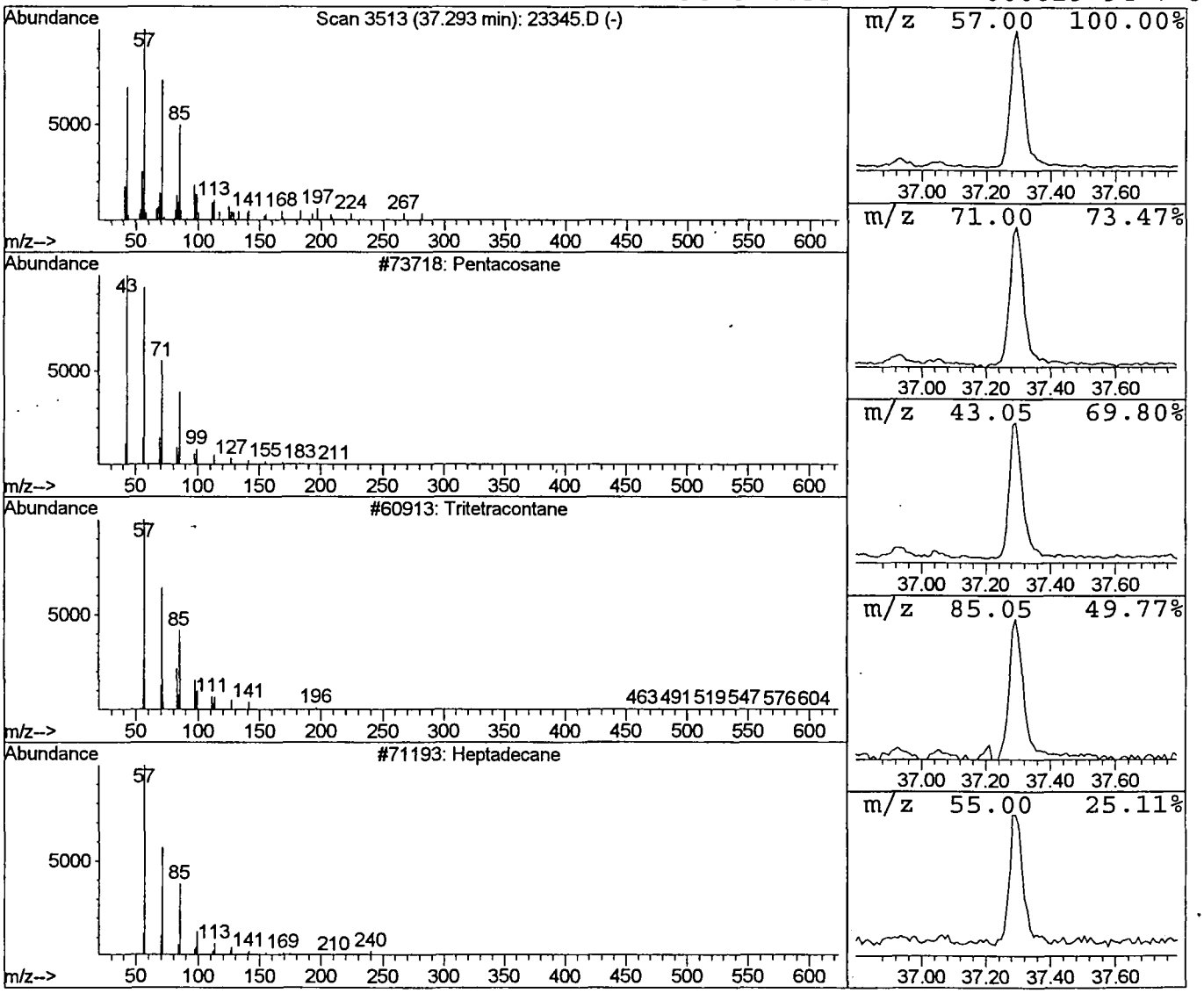
Peak Number 18 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.29	2.59 ug/l	195561	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	87
2	Tritetracontane	605	C43H88	007098-21-7	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Heneicosane	296	C21H44	000629-94-7	86



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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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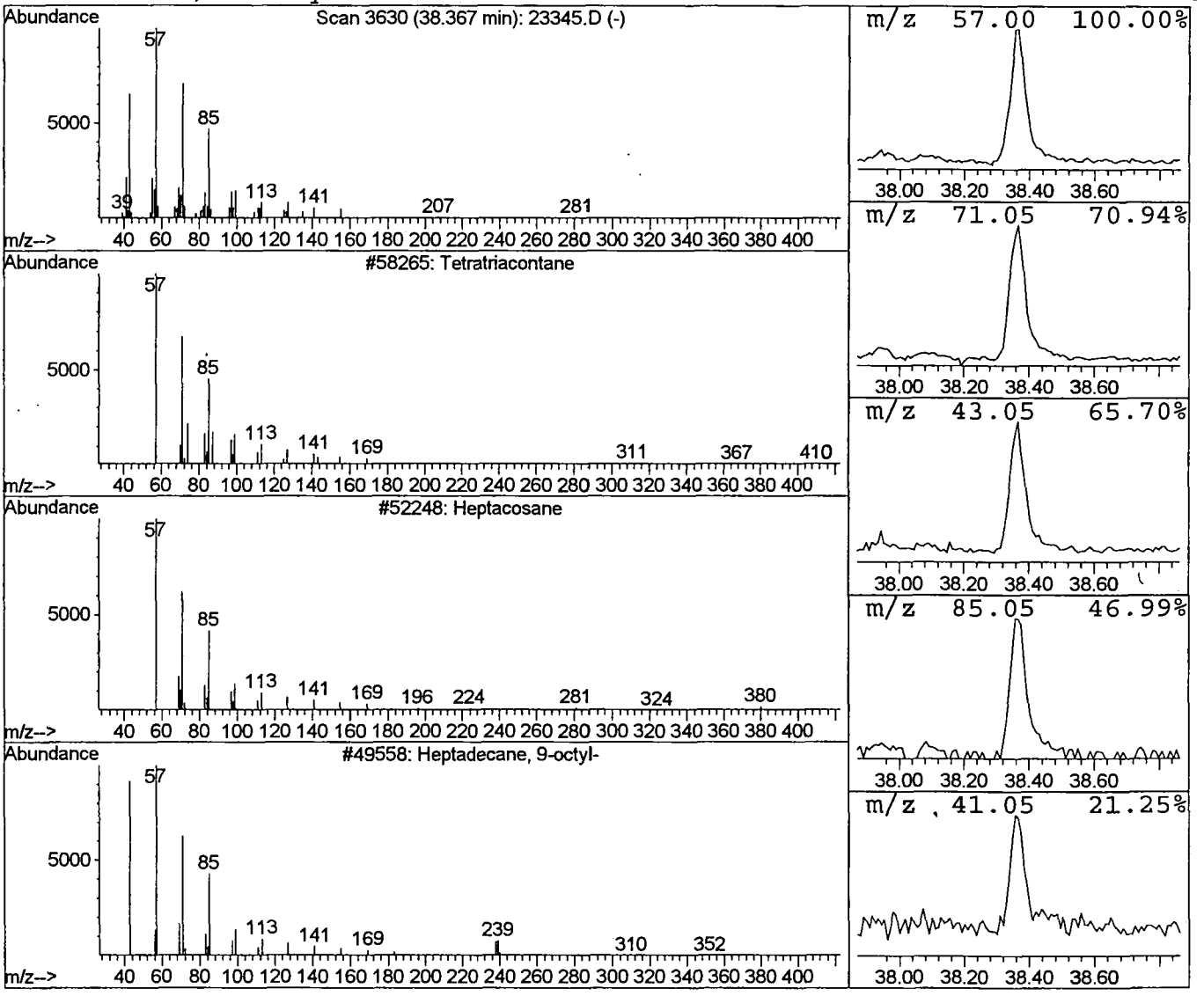
Peak Number 19 Tetratriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.37	1.58 ug/l	119086	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	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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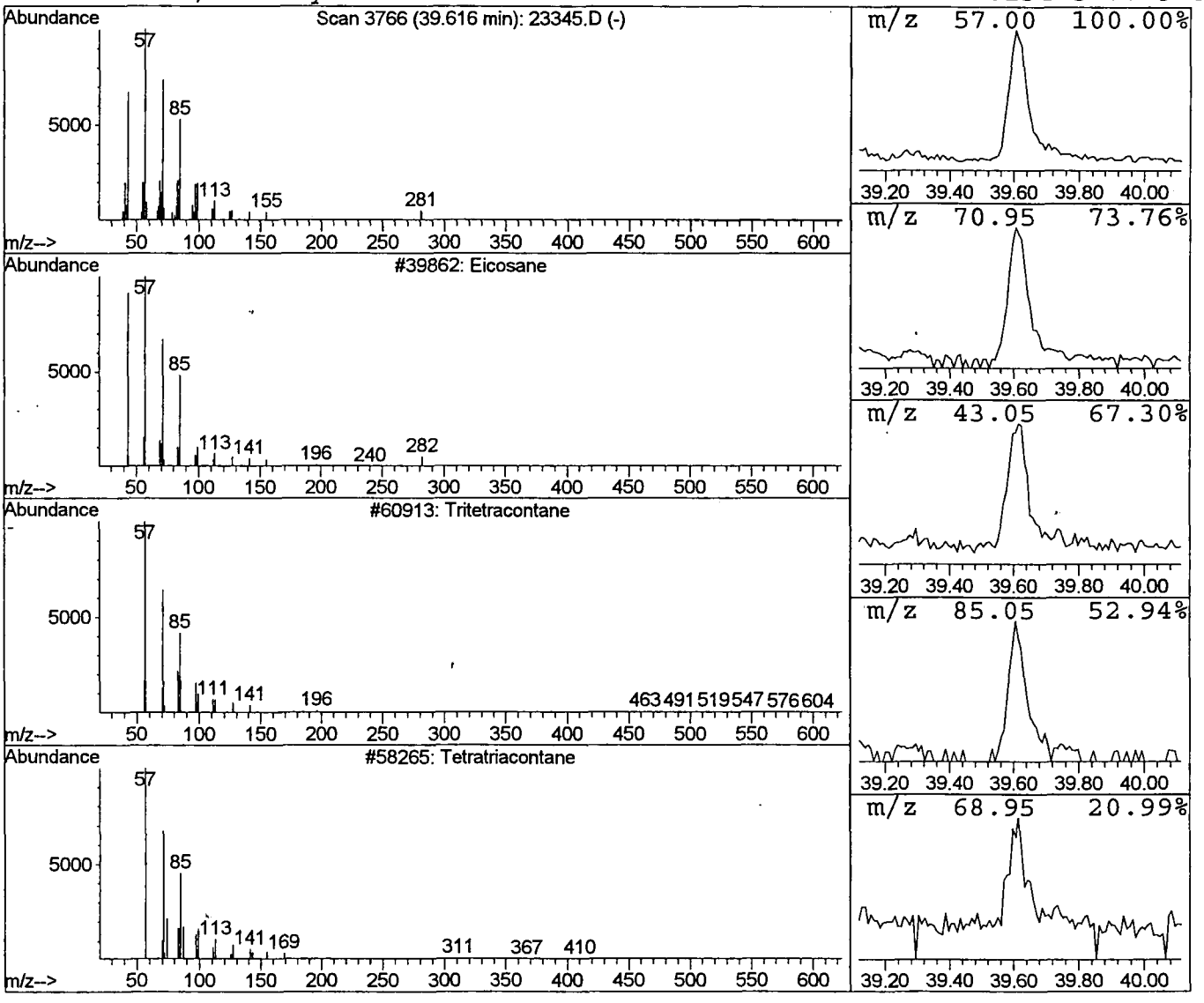
Peak Number 20 Eicosane — Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.62	1.12 ug/l	84855	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tritetracontane	605	C43H88	007098-21-7	87
3	Tetratriacontane	479	C34H70	014167-59-0	86
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Oct 2001 4:57 am
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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
3-Hexanone	6.38	0.5	ug/l	51470	ISTD01	11.76	1933600	20.0
2-Hexanone	6.48	0.8	ug/l	72582	ISTD01	11.76	1933600	20.0
3-Hexanol	6.62	0.4	ug/l	40001	ISTD01	11.76	1933600	20.0
2-Pentanol, 4-methyl	6.73	0.6	ug/l	58228	ISTD01	11.76	1933600	20.0
1,4-Dichlorobenzene-	11.63	0.6	ug/l	53956	ISTD01	11.76	1933600	20.0
Cyclobutane, 1,1-dim	29.51	6.6	ug/l	580371	ISTD05	33.12	1750310	20.0
Tetracosane	29.63	2.1	ug/l	182867	ISTD05	33.12	1750310	20.0
Acetic acid, octadec	29.76	1.0	ug/l	89980	ISTD05	33.12	1750310	20.0
Tricosane	30.70	3.4	ug/l	297021	ISTD05	33.12	1750310	20.0
Octadecanoic acid, 2	31.65	5.3	ug/l	464956	ISTD05	33.12	1750310	20.0
Tetracosane	31.74	6.4	ug/l	561119	ISTD05	33.12	1750310	20.0
Acetic acid, octadec	31.87	0.4	ug/l	37366	ISTD05	33.12	1750310	20.0
Eicosane	32.73	6.7	ug/l	588340	ISTD05	33.12	1750310	20.0
Octadecane	33.69	7.7	ug/l	671943	ISTD05	33.12	1750310	20.0
Heneicosane	34.61	5.9	ug/l	519028	ISTD05	33.12	1750310	20.0
Tetracosane	35.49	5.9	ug/l	442998	ISTD06	37.23	1509940	20.0
Tetratetracontane	36.36	3.9	ug/l	293856	ISTD06	37.23	1509940	20.0
Pentacosane	37.29	2.6	ug/l	195561	ISTD06	37.23	1509940	20.0
Tetratriacontane	38.37	1.6	ug/l	119086	ISTD06	37.23	1509940	20.0
Eicosane	39.62	1.1	ug/l	84855	ISTD06	37.23	1509940	20.0

23345.D NP091101.M Thu Oct 11 13:10:55 2001

Comments for Sample AD23345 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-19-2001 Time: 16:43:26

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, reveals the presence of non-target compounds. However, these compounds were observed in previous Laboratory Blanks, though not in the Laboratory Blank associated with this sample.