NYC 9/11 Public Portal Document

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/12/2001 Time: 09:48:57

Sample: AD22654
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/12/01 09:47 Ended: 10/12/01 09:47 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1101\22654.D Vial: 6
Acq On : 11 Oct 2001 2:38 pm Operator: 209 GALOS
Sample : reinject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 12 8:52 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	498059	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1986464	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	937610	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.08	188	1324146	20.00	ug/l	-0.15
59) Chrysene-d12	33.13	240	994547	20.00	ug/l	-0.15
68) Perylene-d12	37.23	264	742675	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	11.76	132	301	0.01	ug/l	0.35
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.28	152	4958	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	2081	0.03	ug/l	-0.02
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	5.13	79	6012	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	12.97	77	207	N.D.		
22) Isophorone	0.00	82	0	N.D.		

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

NYC-WTC_000087464

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1101\22654.D Vial: 6
Acq On : 11 Oct 2001 2:38 pm Operator: 209 GALOS
Sample : reinject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 12 8:52 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

	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	432	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	210	N.D.	
56)	Anthracene	25.08	178	210	N.D.	
57)	Di-n-butylphthalate	27.08	149	10638	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	33.69	252	617	N.D.	
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	31.64	149	1427	N.D.	
65)	Benzo(a)anthracene	33.13	228	2490	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.38	149	38370	0.58 ug/l	98
67)	Chrysene	33.20	228	100	N.D.	
69)	Di-n-Octylphthalate	35.13	149	63610	0.55 ug/l #	77
70)	Benzo(b)fluoranthene	36.14	252	1855	N.D.	

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

NYC-WTC_000087465

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Quantitation Report (QT Reviewed)

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Sample : reinject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 12 8:52 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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	36.20	252	2416	N.D.	
72) Benzo(a)pyrene	37.05	252	655	N.D.	
73) Indeno(1,2,3-cd)pyrene	40.96	276	28102	0.58 ug/l	98
74) Dibenz(a,h)anthracene	41.02	278	31689	0.85 ug/l	97
75) Benzo(g,h,i)perylene	42.07	276	20822	0.50 ug/l	96

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

NYC-WTC_000087466

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22654.D Vial: 6
Acq On : 11 Oct 2001 2:38 pm Operator: 209 GALOS
Sample : reinject Inst : GC/MS 209
Misc : Multiplr: 1.00
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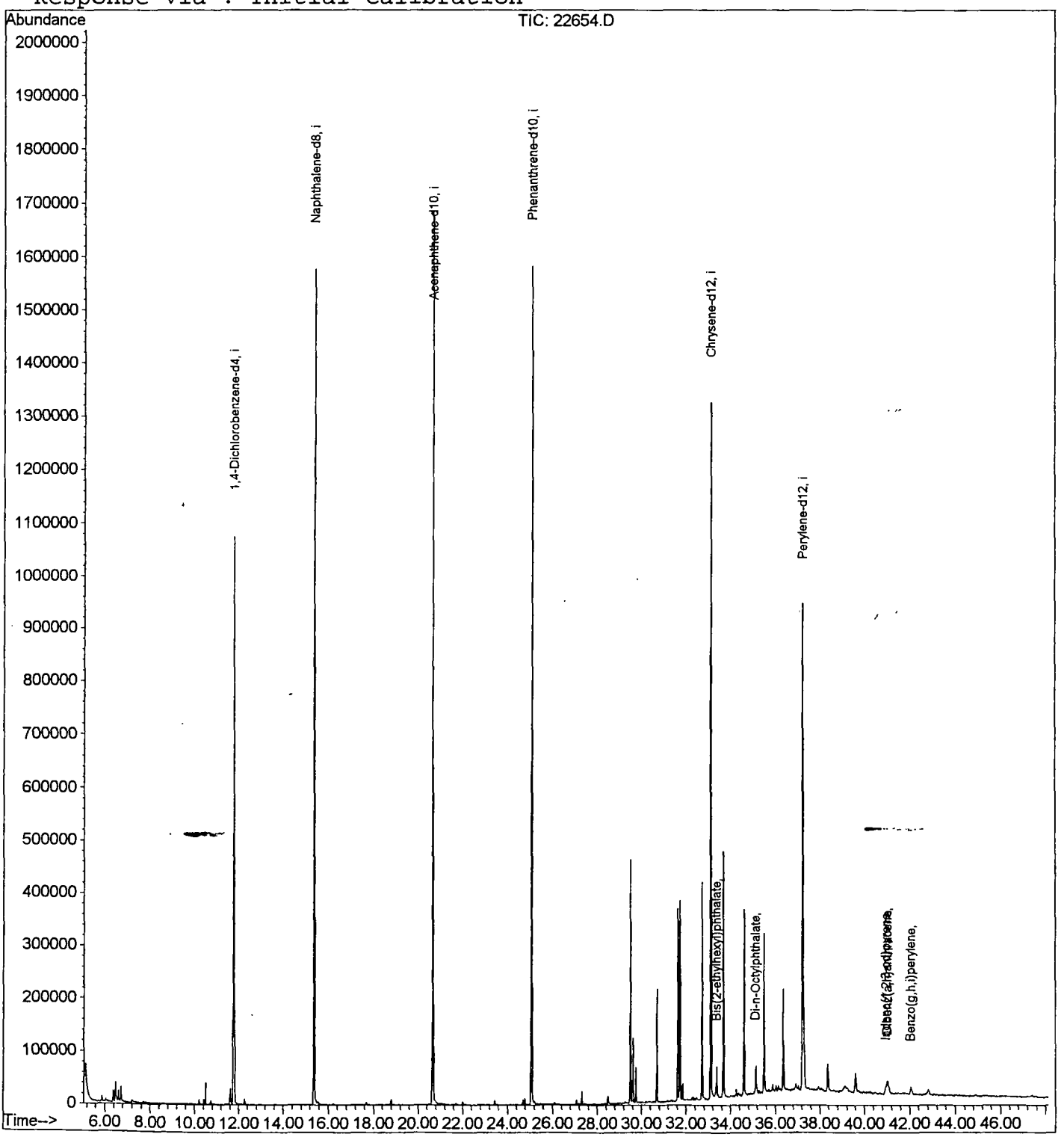
Quant Time: Oct 12 8:52 2001 Quant Results File: NP091101.RES

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration



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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Oct 2001 2:38 pm
Data File: C:\HPCHEM\1\DATA\OCT1101\22654.D
Name: reinject
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
Oxirane, tetradecyl-	5.13	3.7	ug/l	477058	ISTD01	11.76	2589890	20.0
2-Hexanone	6.48	0.8	ug/l	100422	ISTD01	11.76	2589890	20.0
2-Hexanol	6.72	0.5	ug/l	64962	ISTD01	11.76	2589890	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	69014	ISTD01	11.76	2589890	20.0
Butyl hexadecanoate	29.51	5.7	ug/l	889834	ISTD05	33.13	3100690	20.0
Docosane	29.63	1.7	ug/l	256266	ISTD05	33.13	3100690	20.0
1-Nonadecanol	29.75	0.9	ug/l	138307	ISTD05	33.13	3100690	20.0
Tricosane	30.70	2.7	ug/l	424484	ISTD05	33.13	3100690	20.0
Butyl tetradecanoate	31.64	4.8	ug/l	740272	ISTD05	33.13	3100690	20.0
Tetracosane	31.74	5.1	ug/l	783835	ISTD05	33.13	3100690	20.0
Acetic acid, octadec	31.87	0.4	ug/l	64407	ISTD05	33.13	3100690	20.0
Eicosane	32.73	5.4	ug/l	830005	ISTD05	33.13	3100690	20.0
Heneicosane	33.69	6.4	ug/l	990449	ISTD05	33.13	3100690	20.0
Eicosane	34.60	4.8	ug/l	747788	ISTD05	33.13	3100690	20.0
Heneicosane	35.49	4.8	ug/l	659334	ISTD06	37.23	2725720	20.0
Hexatriacontane	36.36	3.1	ug/l	420839	ISTD06	37.23	2725720	20.0
Tetratetracontane	38.36	1.1	ug/l	149970	ISTD06	37.23	2725720	20.0
Octadecane	39.61	0.9	ug/l	120441	ISTD06	37.23	2725720	20.0

22654.D NP091101.M Fri Oct 12 09:09:42 2001

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22654.D Vial: 6
Acq On : 11 Oct 2001 2:38 pm Operator: 209 GALOS
Sample : reinject 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	5.126	3	9	35	rVB6	66693	477058	12.77%	1.729%
2	6.375	139	145	151	rBV2	22505	47201	1.26%	0.171%
3	6.476	151	156	167	rVV2	38454	100422	2.69%	0.364%
4	6.613	167	171	179	rVV	21196	50985	1.36%	0.185%
5	6.723	179	183	197	rVB	28159	64962	1.74%	0.235%
6	11.626	711	717	726	rVB	29060	69014	1.85%	0.250%
7	11.763	726	732	744	rBV	1073870	2589889	69.31%	9.387%
8	15.371	1119	1125	1142	rBV	1576010	3630209	97.15%	13.158%
9	20.659	1694	1701	1715	rBV	1685668	3736689	100.00%	13.544%
10	25.084	2175	2183	2195	rBV2	1581789	3445152	92.20%	12.487%
11	27.324	2419	2427	2431	rBV	25063	49772	1.33%	0.180%
12	29.509	2658	2665	2673	rBV	459131	889834	23.81%	3.225%
13	29.628	2673	2678	2684	rVV	122892	256266	6.86%	0.929%
14	29.748	2687	2691	2698	rVV	67071	138307	3.70%	0.501%
15	30.702	2788	2795	2800	rBV	213428	424484	11.36%	1.539%
16	31.639	2892	2897	2903	rBV2	362129	740272	19.81%	2.683%
17	31.740	2903	2908	2917	rVV	376633	783835	20.98%	2.841%
18	31.868	2917	2922	2927	rVB2	30784	64407	1.72%	0.233%
19	32.731	3010	3016	3023	rBV	408885	830005	22.21%	3.008%
20	33.126	3051	3059	3072	rBV2	1312655	3100691	82.98%	11.239%
21	33.383	3083	3087	3091	rVB	53164	106552	2.85%	0.386%
22	33.686	3111	3120	3130	rBV	462645	990449	26.51%	3.590%
23	34.604	3215	3220	3228	rBV	346971	747788	20.01%	2.710%
24	35.127	3272	3277	3280	rBV	49133	110867	2.97%	0.402%
25	35.494	3312	3317	3329	rBV	298707	659334	17.64%	2.390%
26	36.357	3406	3411	3419	rBV	189144	420839	11.26%	1.525%
27	37.239	3498	3507	3511	rBV2	916176	2725716	72.94%	9.879%
28	38.359	3624	3629	3637	rBV3	49375	149970	4.01%	0.544%
29	39.607	3759	3765	3774	rVB2	34413	120441	3.22%	0.437%
30	42.058	4025	4032	4042	rBV3	14196	68261	1.83%	0.247%

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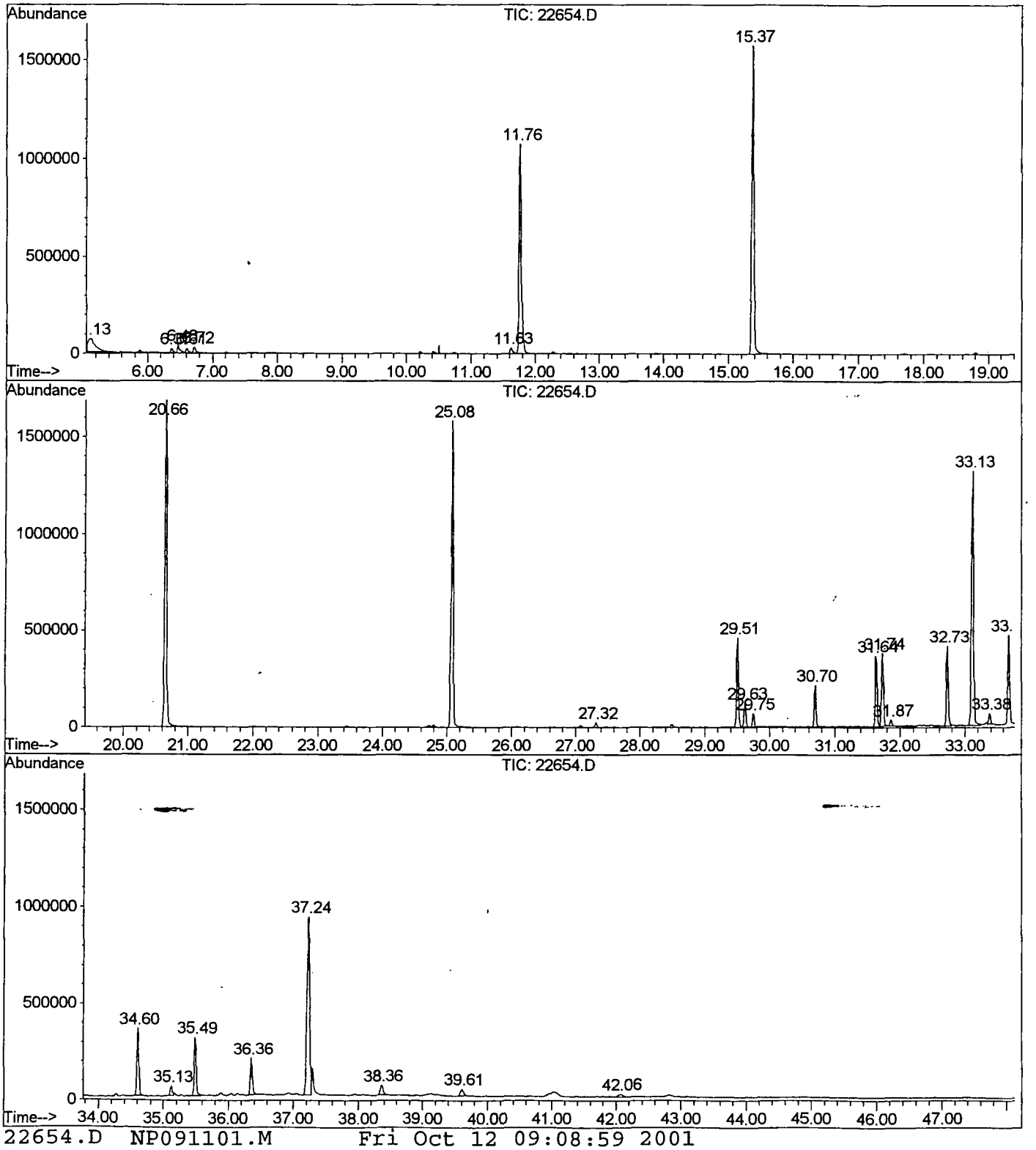
Sum of corrected areas: 27589671

22654.D NP091101.M Fri Oct 12 09:08:56 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1101\22654.D
Operator : 209 GALOS
Acquired : 11 Oct 2001 2:38 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: reinject
Misc Info :
Vial Number: 6
Quant File :NP091101.RES (RTE Integrator)



22654.D NP091101.M Fri Oct 12 09:08:59 2001

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22654.D
Acq On : 11 Oct 2001 2:38 pm
Sample : reinject
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

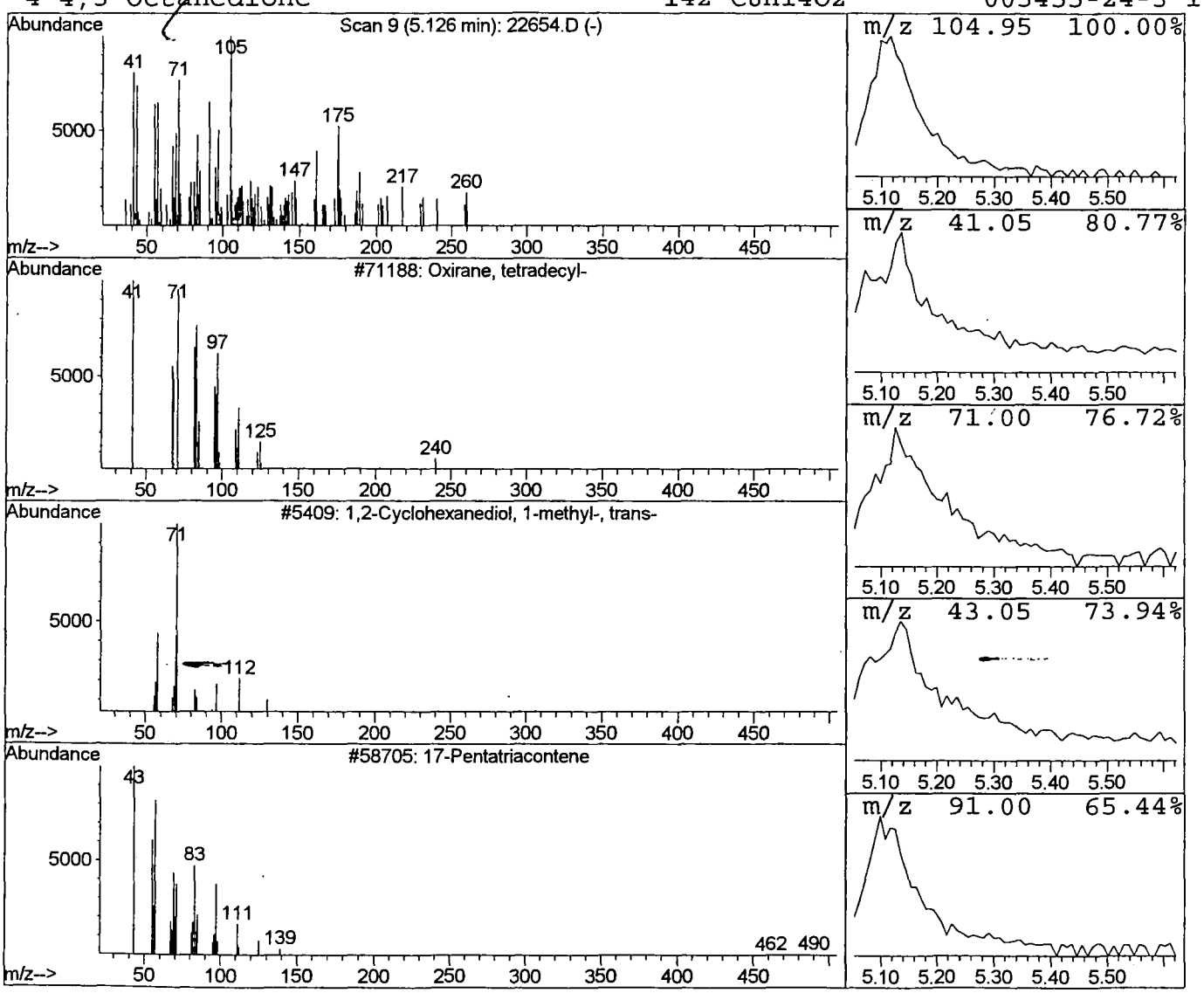
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Oxirane, tetradecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	3.68 ug/l	477058	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	27
2	1,2-Cyclohexanediol, 1-methyl-, tra	130	C7H14O2	019534-08-8	14
3	17-Pentatriacontene	491	C35H70	006971-40-0	10
4	4,5-Octanedione	142	C8H14O2	005455-24-3	10



NYC-WTC_000087472

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22654.D
Acq On : 11 Oct 2001 2:38 pm
Sample : reinject
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

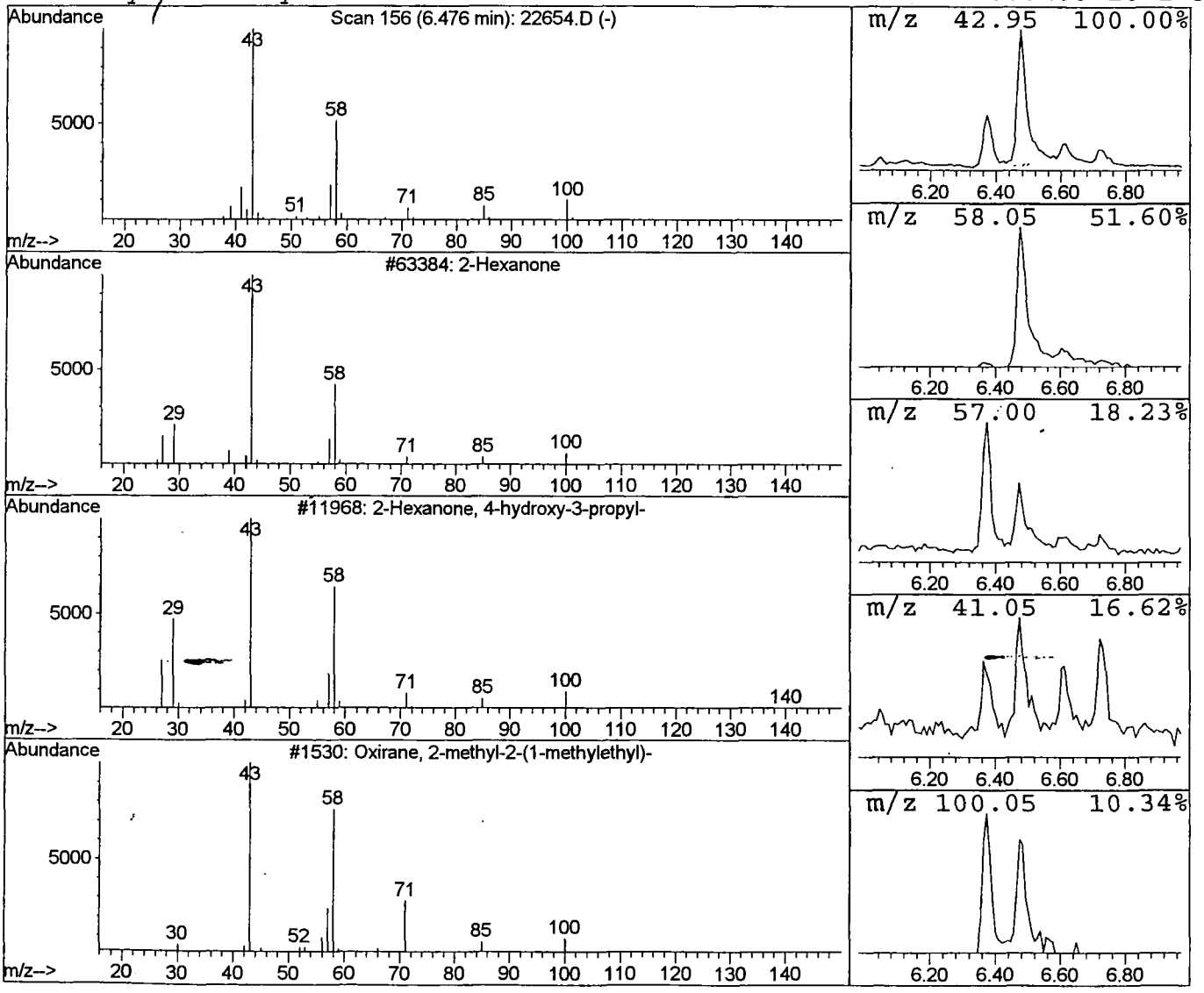
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.78 ug/l	100422	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



NYC-WTC_000087473

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22654.D
Acq On : 11 Oct 2001 2:38 pm
Sample : reinject
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

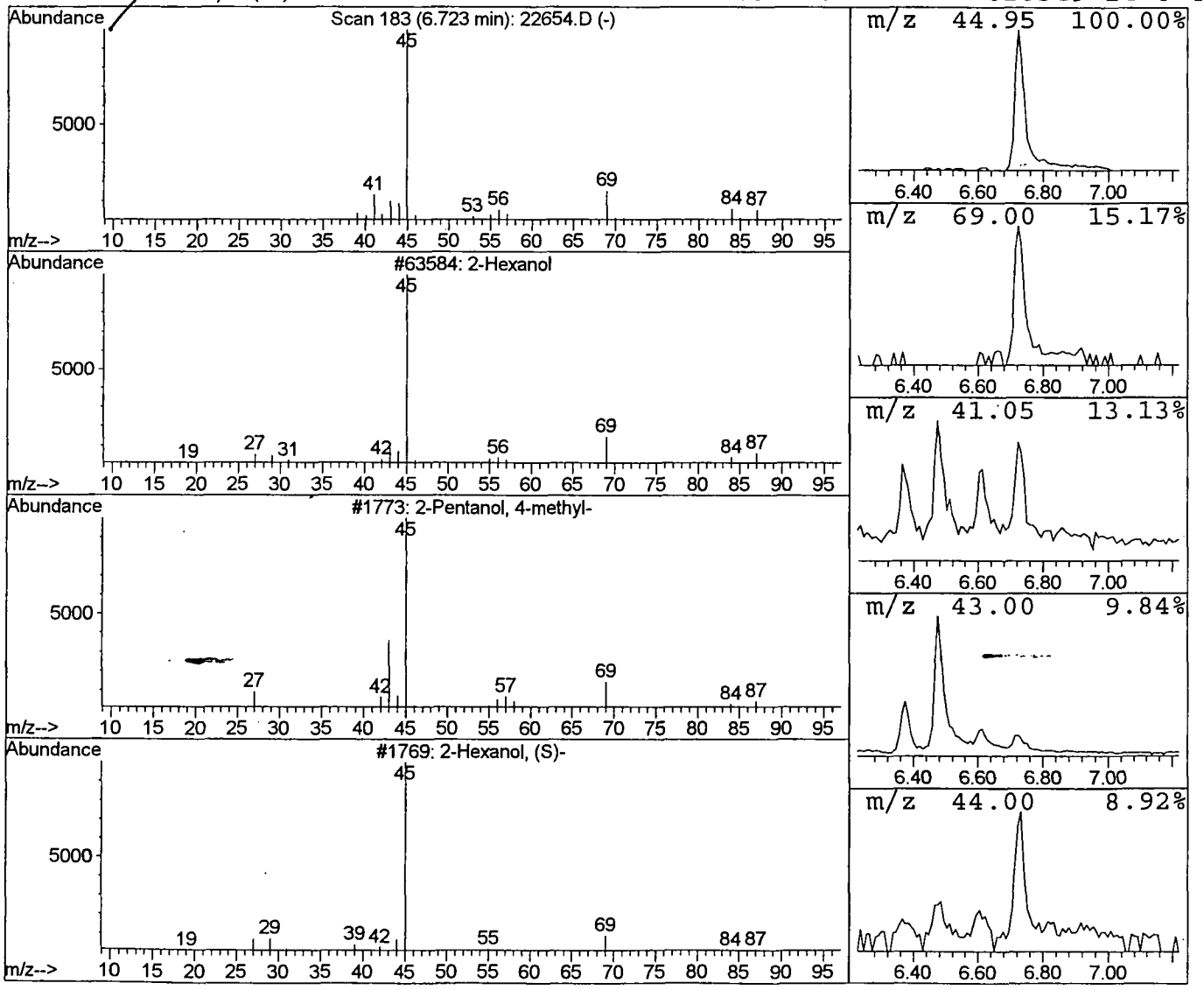
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	0.50 ug/l	64962	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	78
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	43
4	2-Hexanol, (R)-	102	C6H14O	026549-24-6	43



NYC-WTC_000087474

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22654.D
Acq On : 11 Oct 2001 2:38 pm
Sample : reinject
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

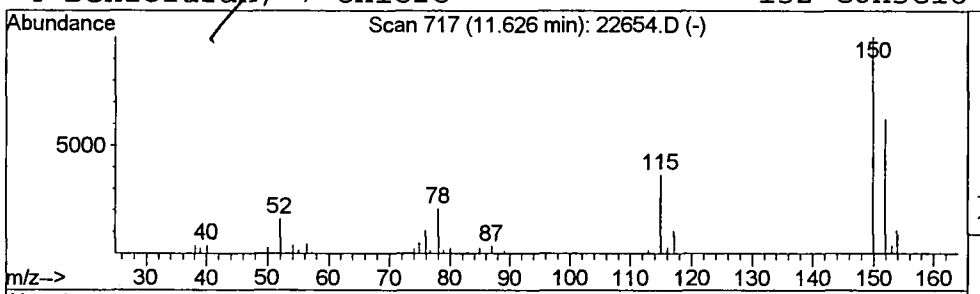
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

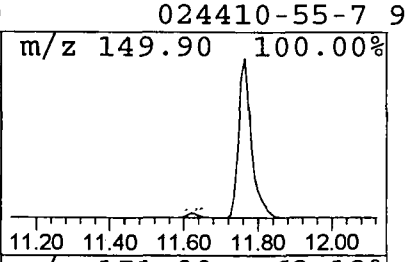
****

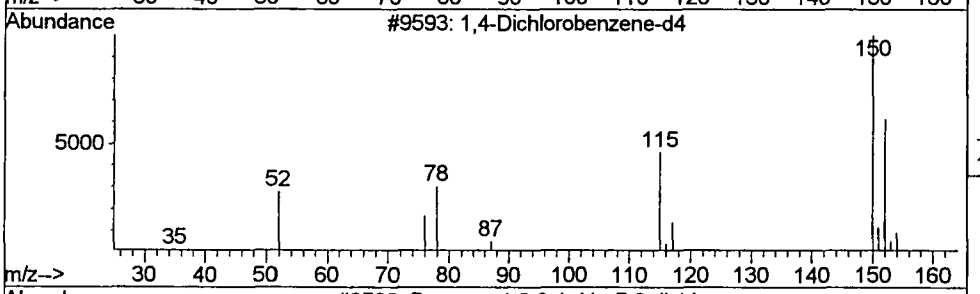
Peak Number 4 1,4-Dichlorobenzene-d4 Concentration Rank 16

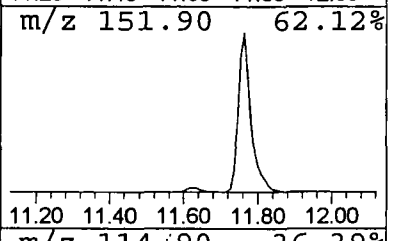
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	0.53 ug/l	69014	1,4-Dichlorobenzene-d4	11.76

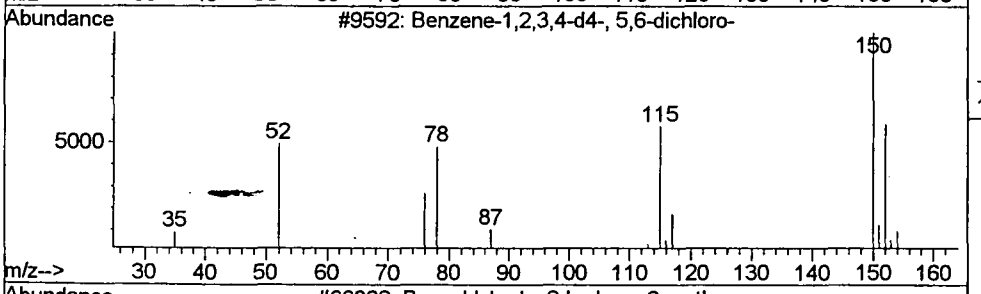
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	35
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Benzofuran, 7-chloro-	152	C8H5ClO	024410-55-7	9

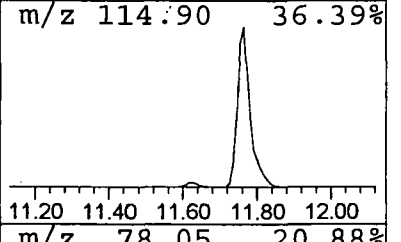


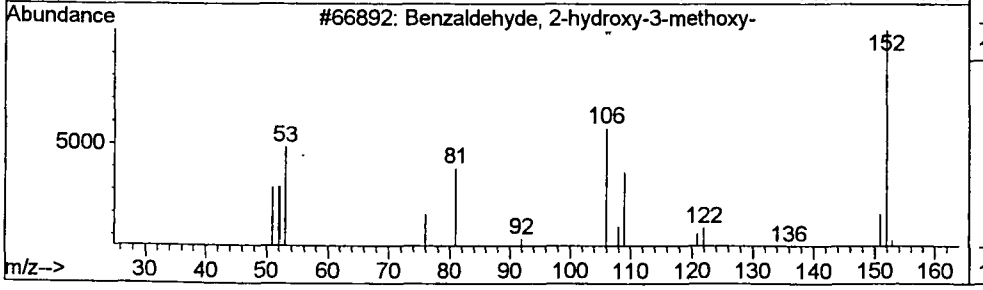


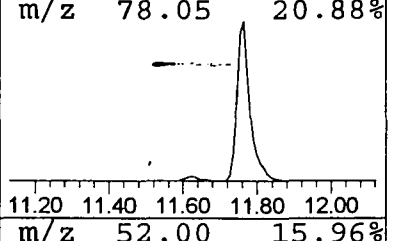


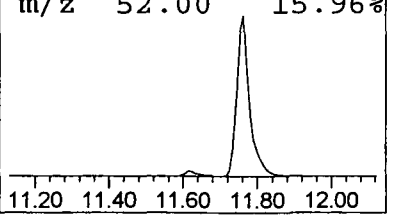












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Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

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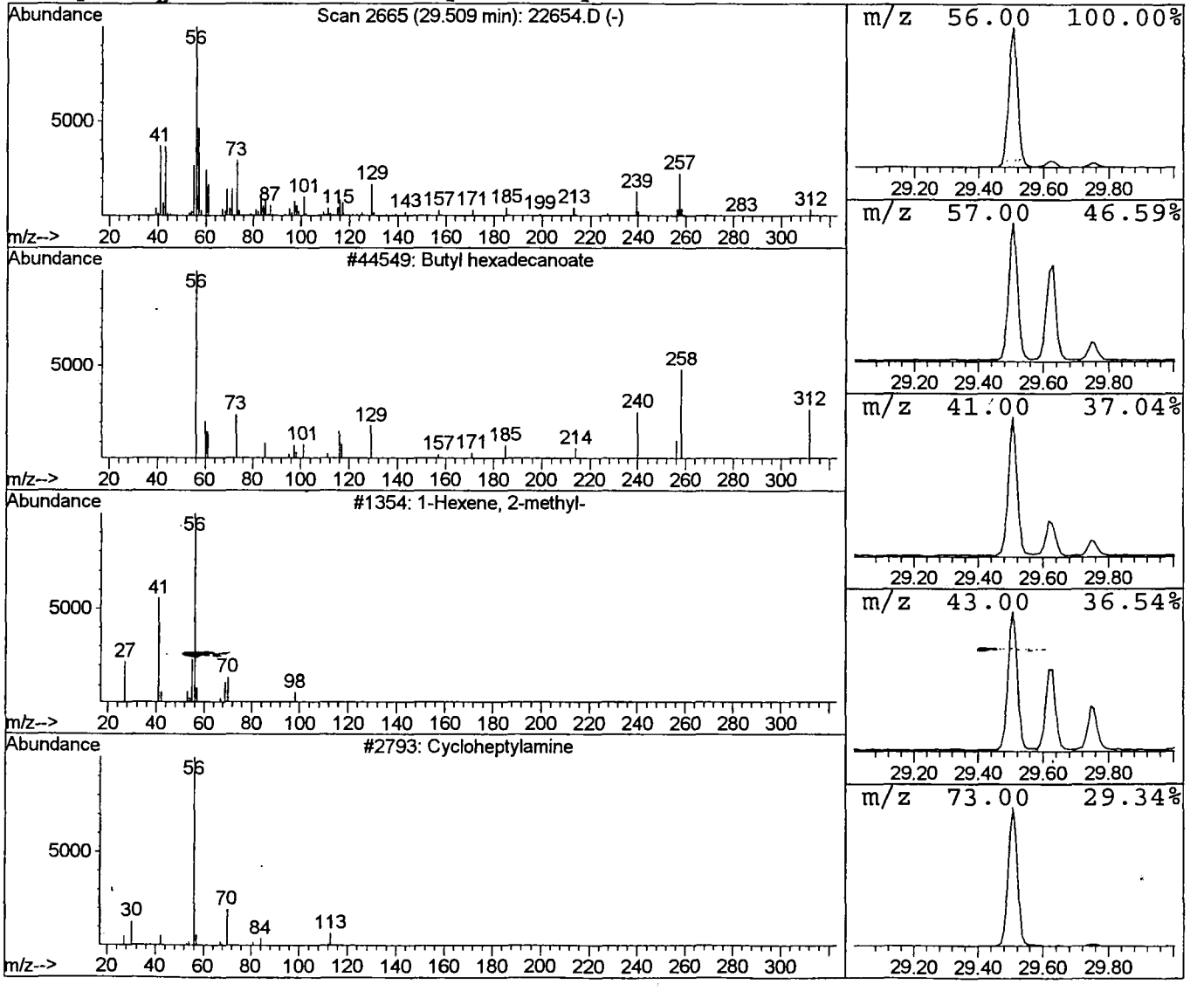
Peak Number 5 Butyl hexadecanoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.51	5.74 ug/l	889834	Chrysene-d12	33.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl hexadecanoate	312	C20H40O2	000000-00-0	35
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
3	Cycloheptylamine	113	C7H15N	005452-35-7	27
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	27



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

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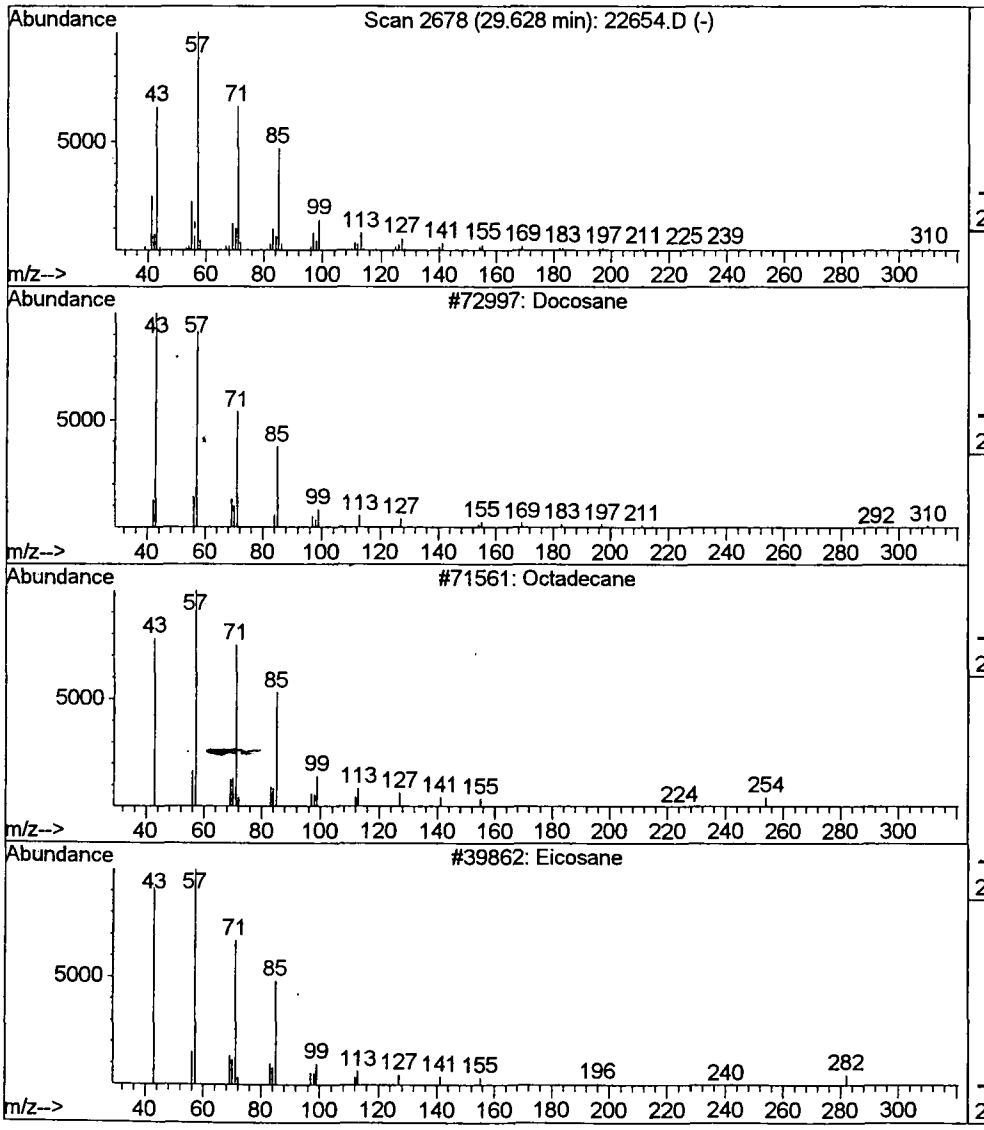
Peak Number 6 Docosane — Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.63	1.65 ug/l	256266	Chrysene-d12	33.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91



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NYC 9/11 Public Portal Document

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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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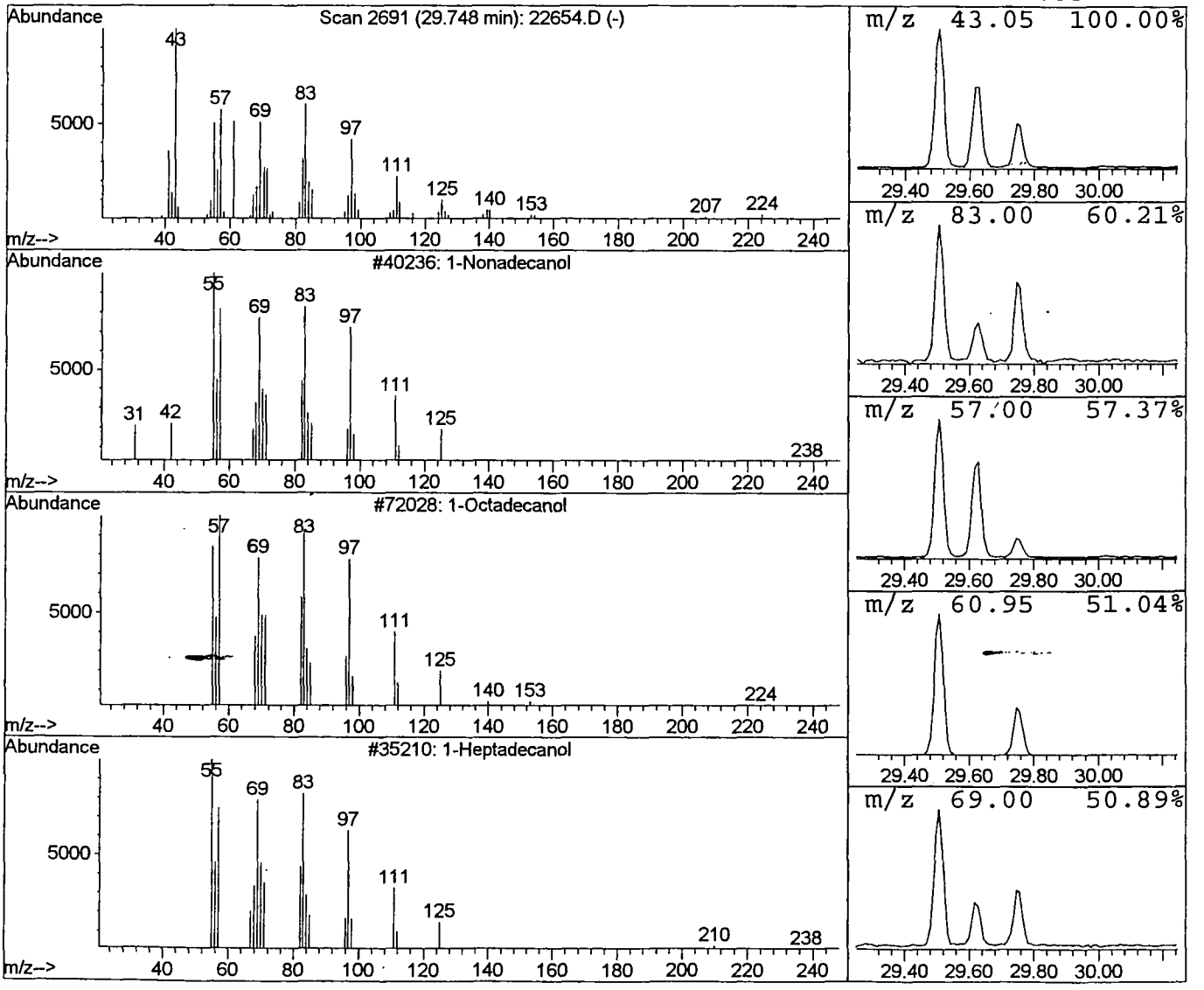
Peak Number 7 1-Nonadecanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.75	0.89 ug/l	138307	Chrysene-d12	33.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	93
2	1-Octadecanol	270	C18H38O	000112-92-5	81
3	1-Heptadecanol	256	C17H36O	001454-85-9	81
4	4-Tetradecanol	214	C14H30O	001653-33-4	81



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

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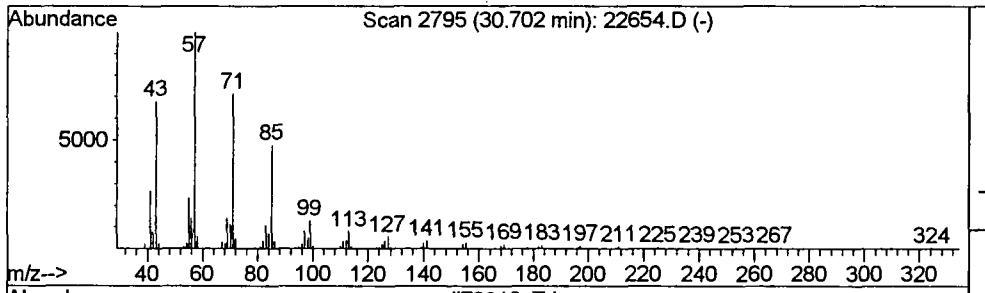
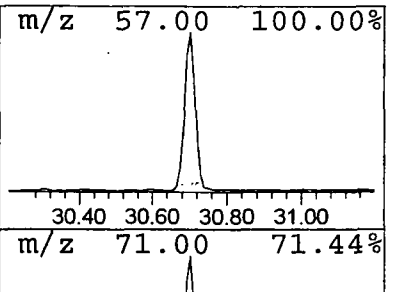
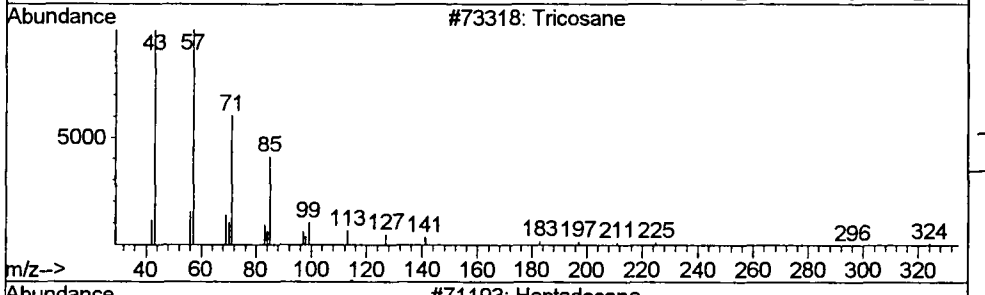
Peak Number 8 Tricosane Concentration Rank 10

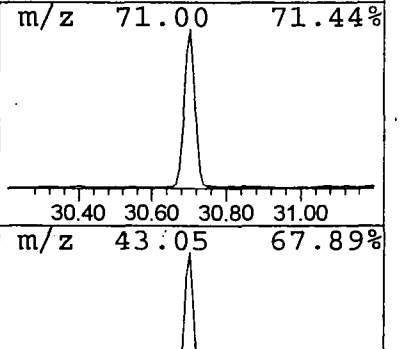
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.70	2.74 ug/l	424484	Chrysene-d12	33.13

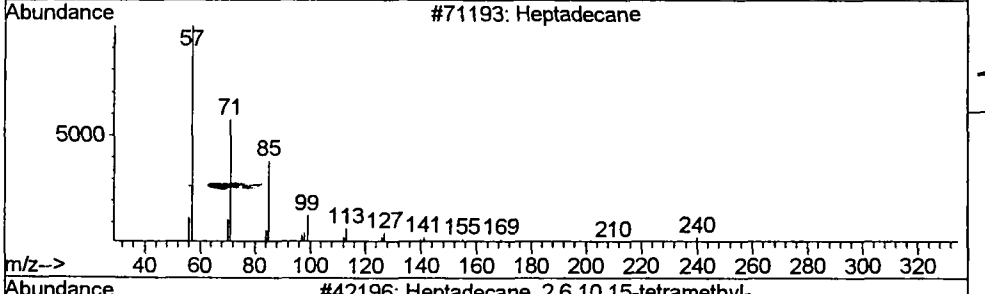
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	97
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Octadecane	254	C18H38	000593-45-3	90

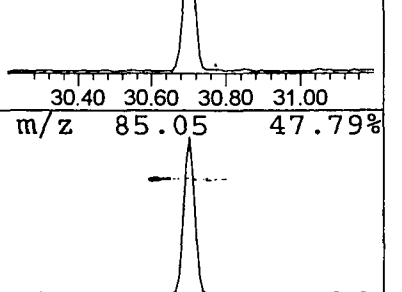


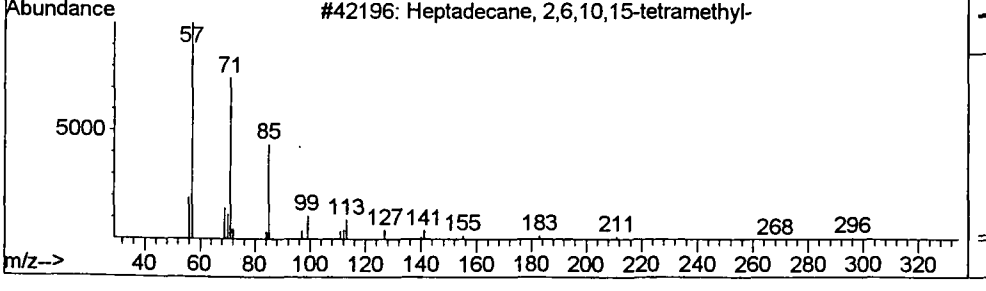


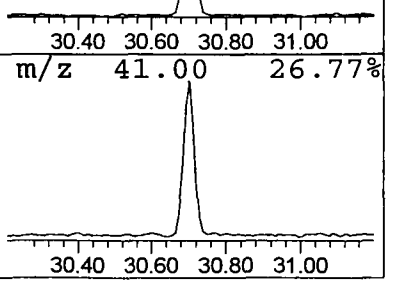












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Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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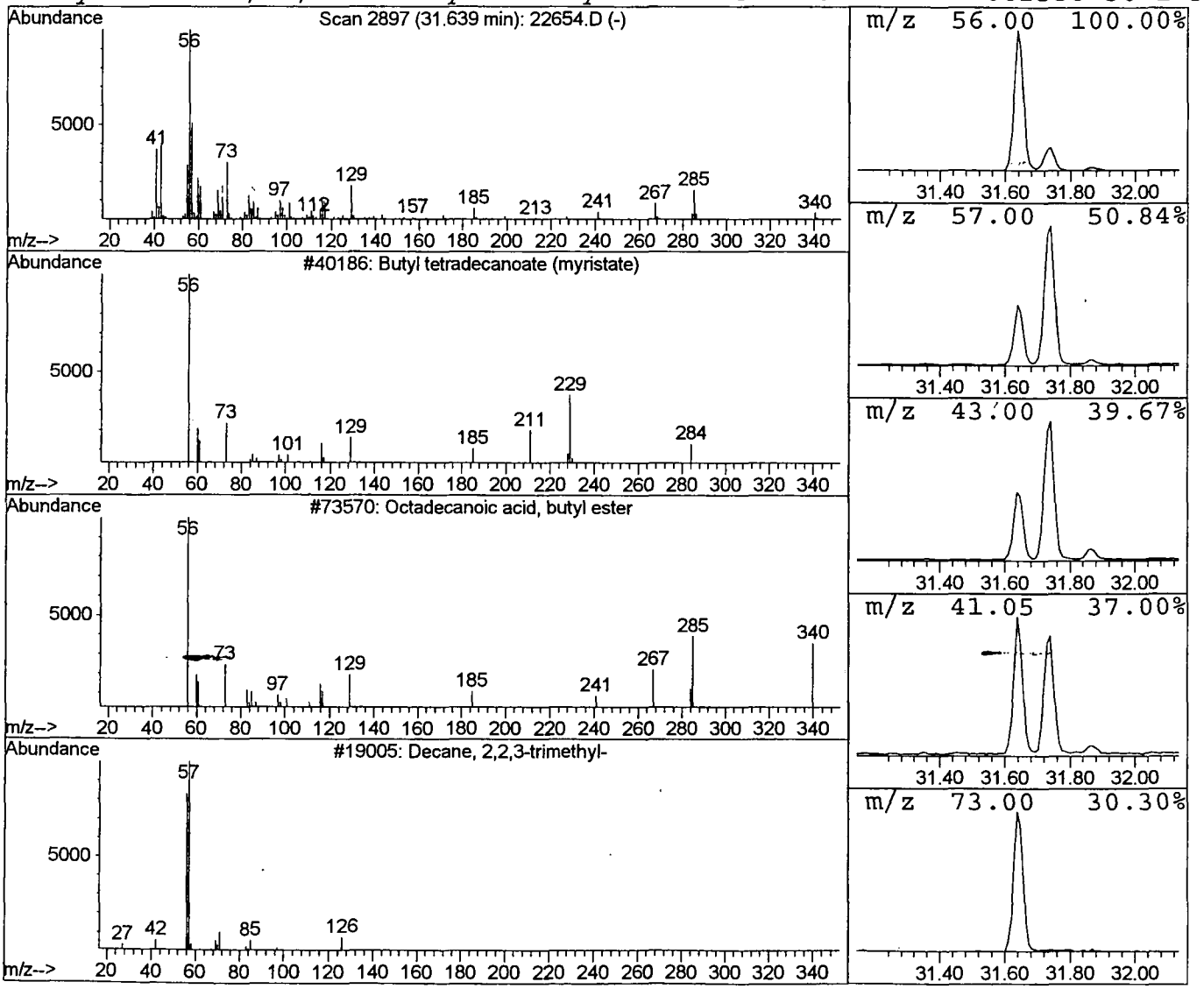
Peak Number 9 Butyl tetradecanoate (myristat Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.64	4.77 ug/l	740272	Chrysene-d12	33.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl tetradecanoate (myristate)	284	C18H36O2	000000-00-0	80
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	39
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35



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Library : C:\DATABASE\NBS75K.L

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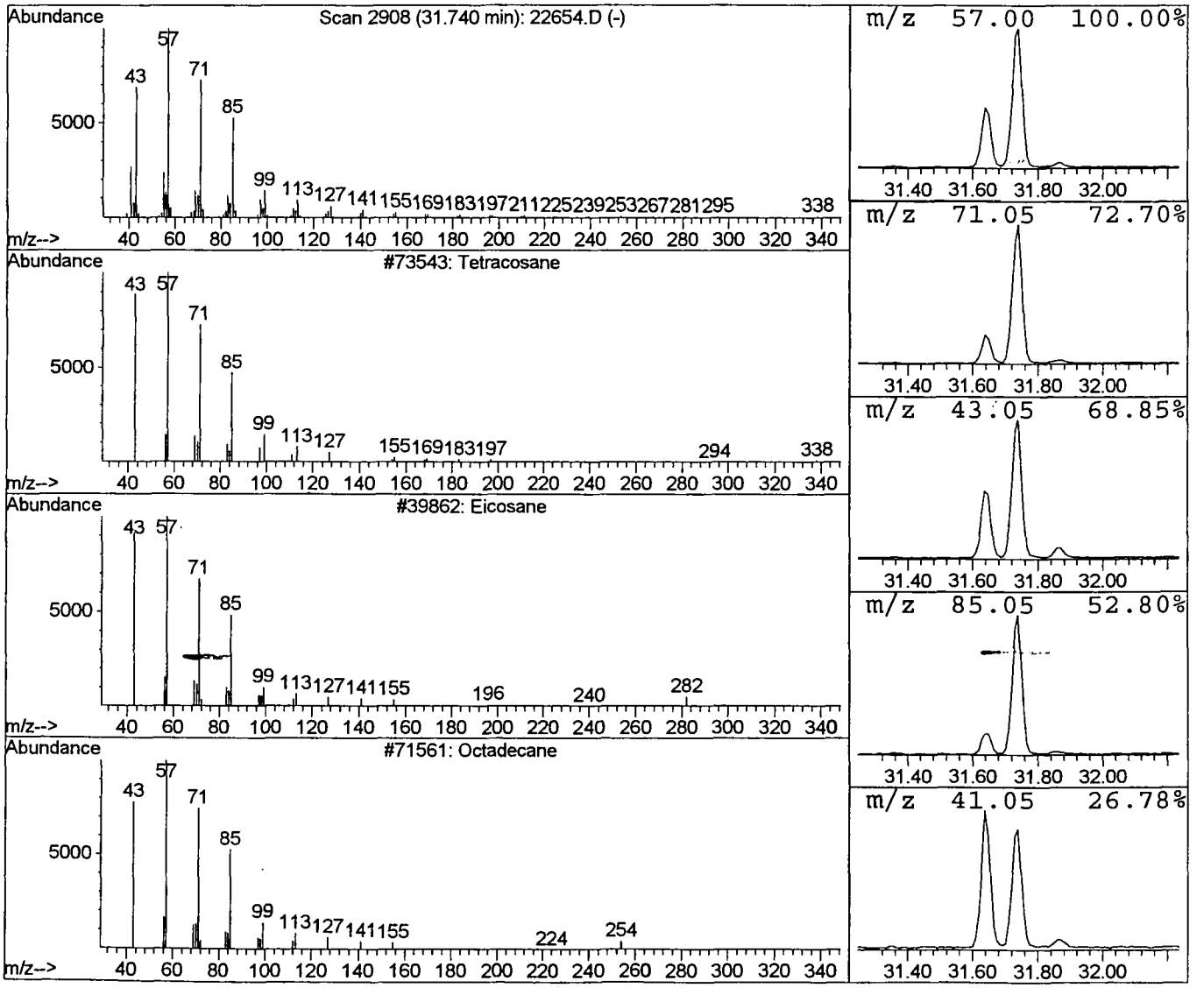
Peak Number 10 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.74	5.06 ug/l	783835	Chrysene-d12	33.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	99
2	Eicosane	282	C20H42	000112-95-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	91



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

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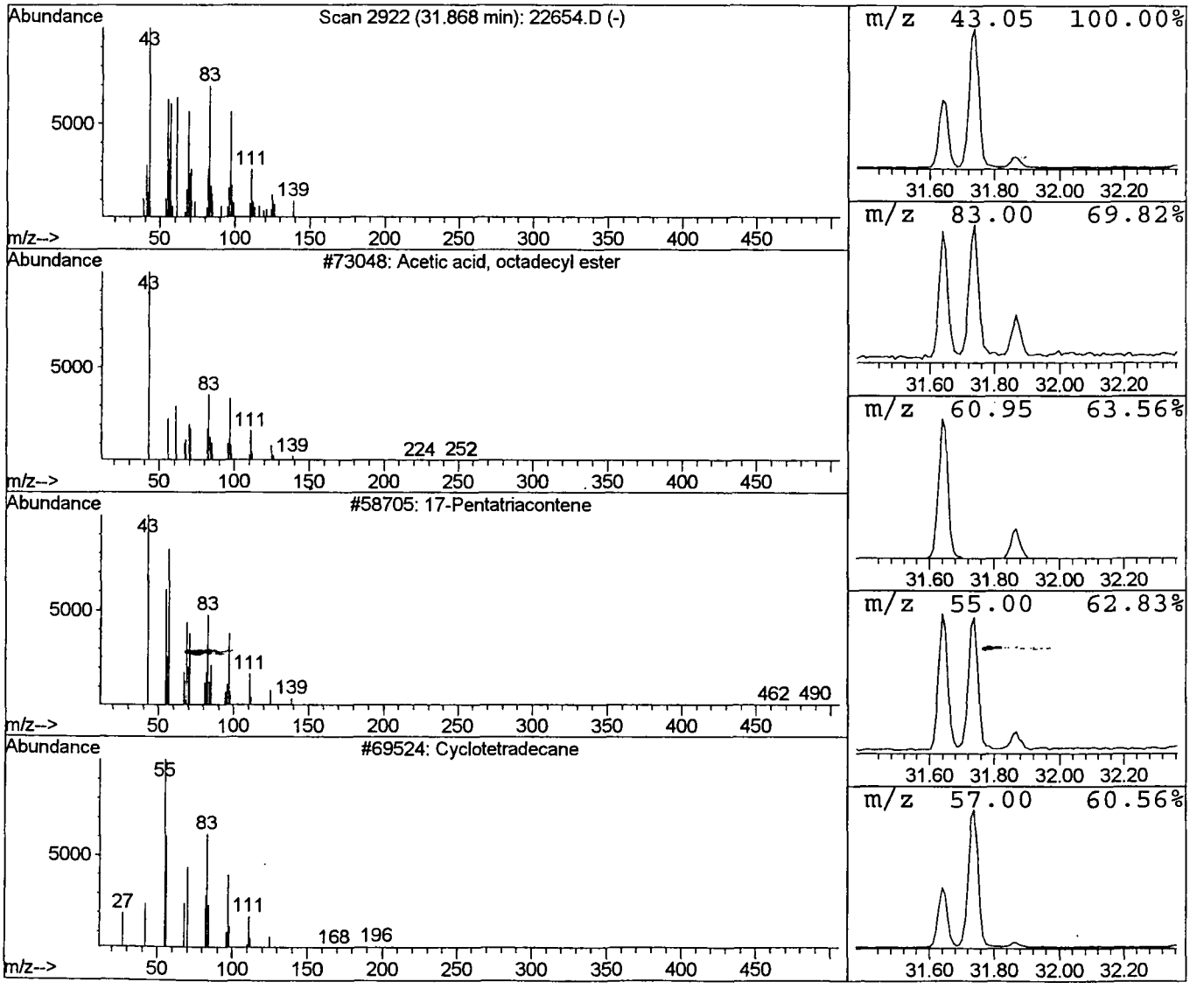
Peak Number 11 Acetic acid, octadecyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.87	0.42 ug/l	64407	Chrysene-d12	33.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	83
2	17-Pentatriacontene	491	C35H70	006971-40-0	52
3	Cyclotetradecane	196	C14H28	000295-17-0	50
4	1-Docosene	308	C22H44	001599-67-3	49



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Library : C:\DATABASE\NBS75K.L

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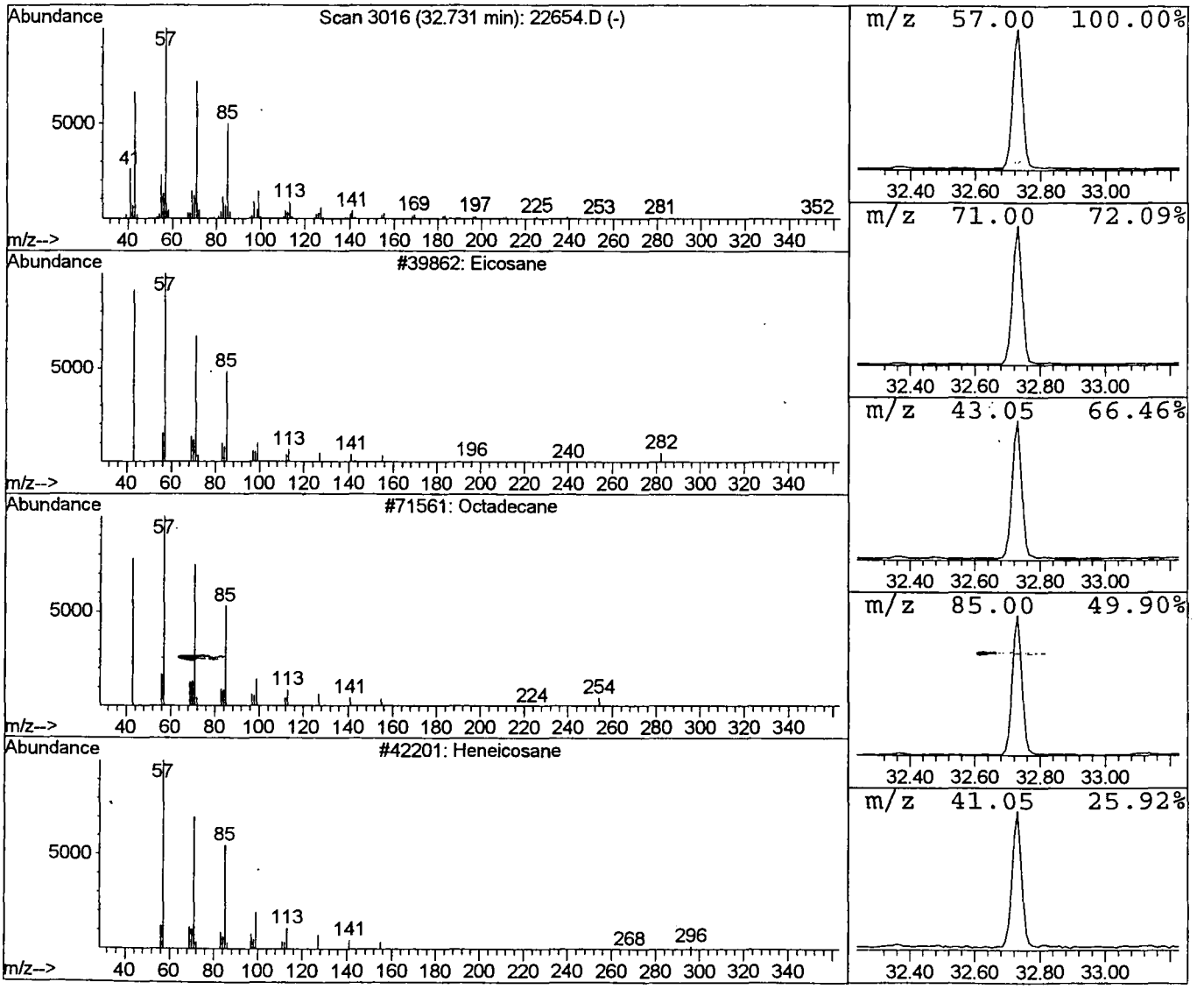
Peak Number 12 Eicosane — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.73	5.35 ug/l	830005	Chrysene-d12	33.13

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	91
4	Nonadecane	268	C19H40	000629-92-5	91



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

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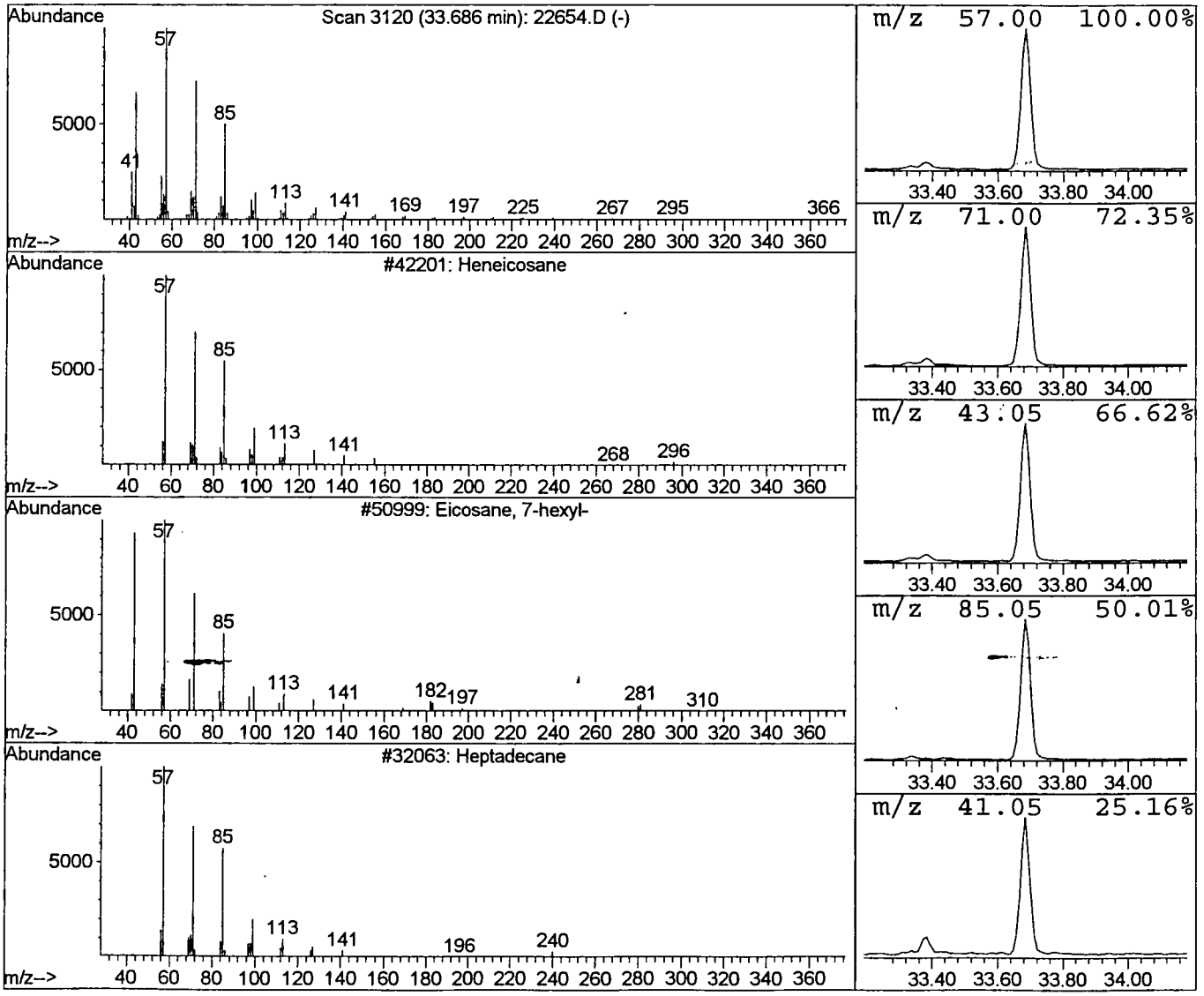
Peak Number 13 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.69	6.39 ug/l	990449	Chrysene-d12	33.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetracosane	338	C24H50	000646-31-1	90



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

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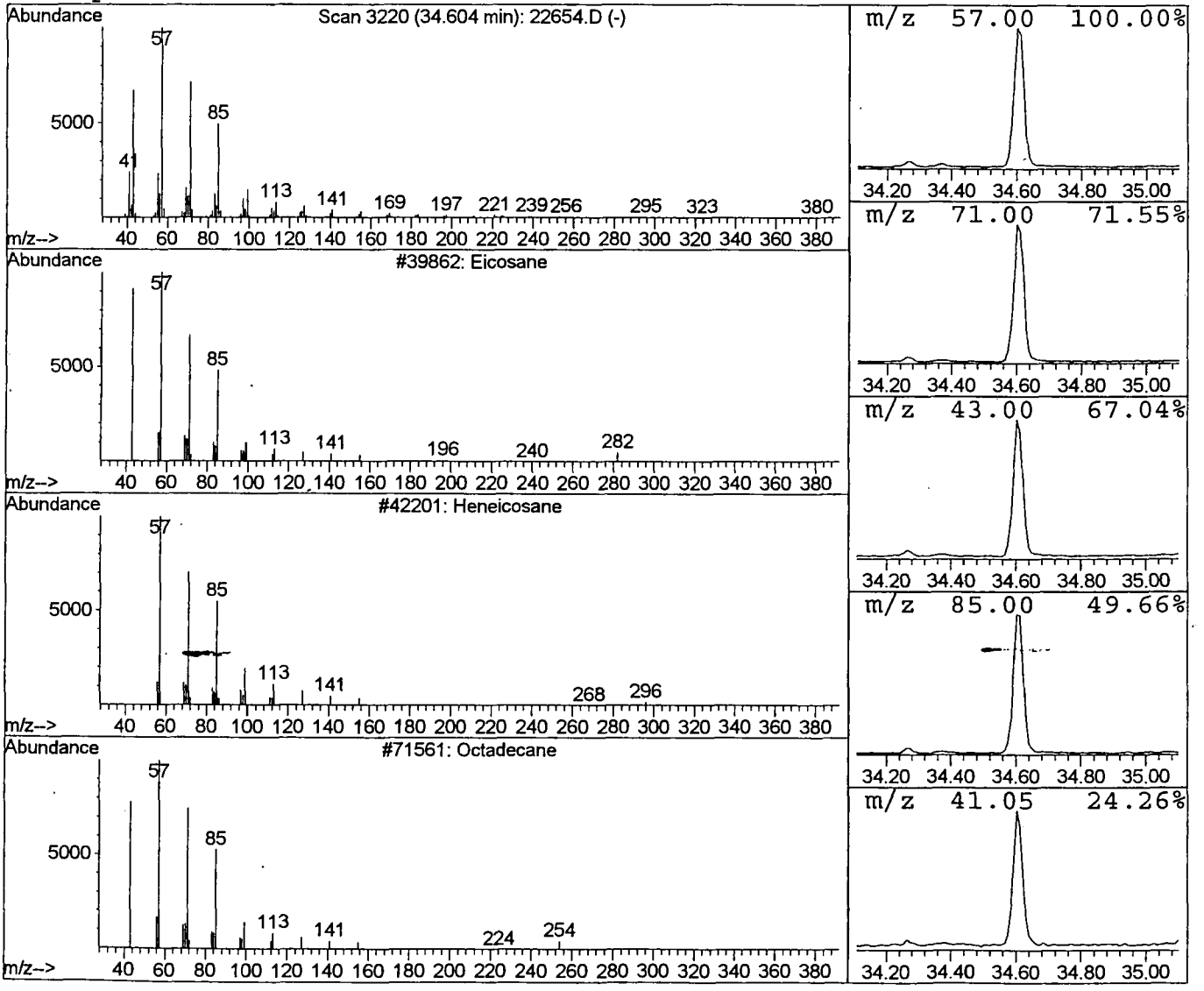
Peak Number 14 Eicosane — Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.60	4.82 ug/l	747788	Chrysene-d12	33.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heptadecane	240	C17H36	000629-78-7	91



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Library : C:\DATABASE\NBS75K.L

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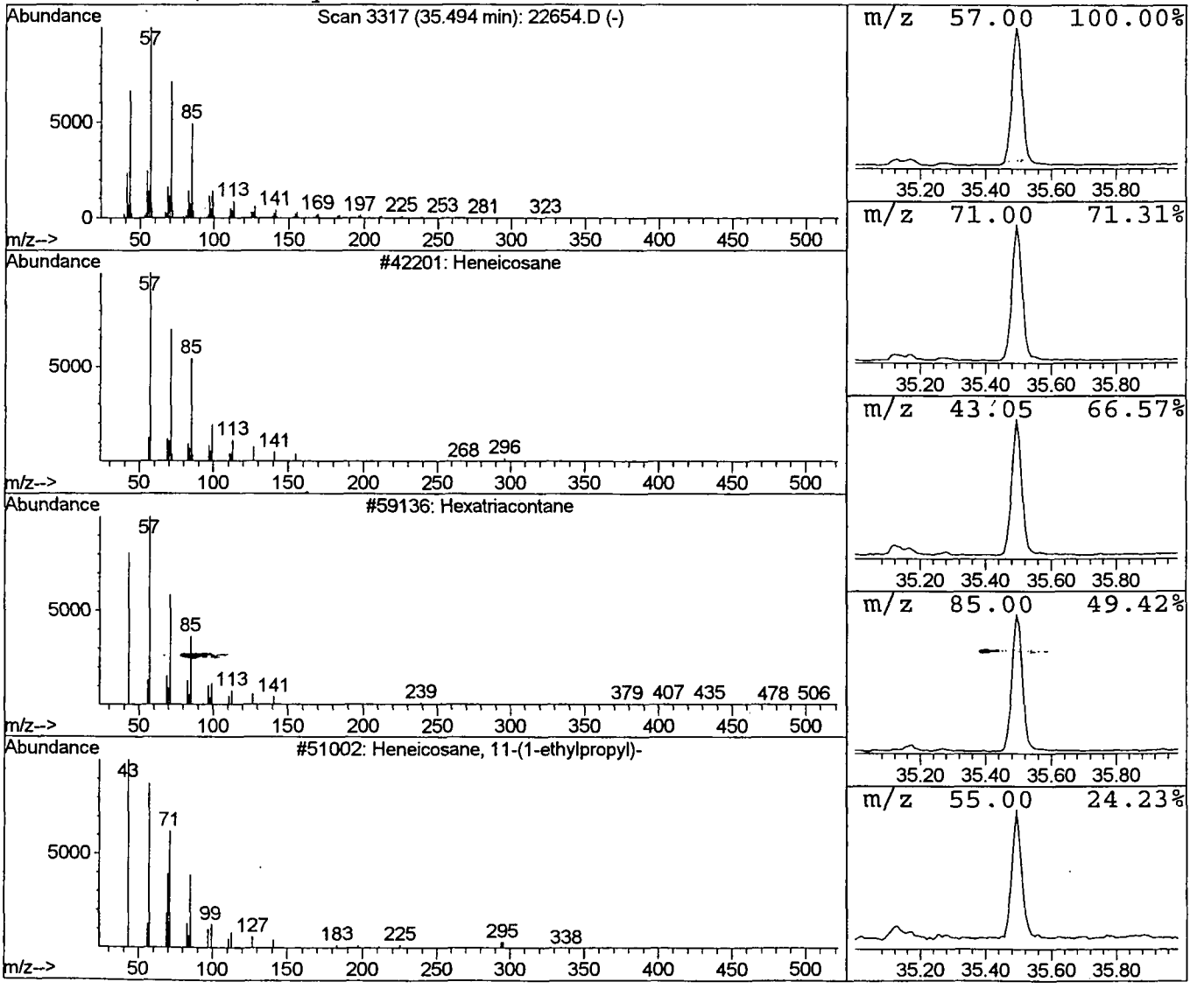
Peak Number 15 Heneicosane — Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.49	4.84 ug/l	659334	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	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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

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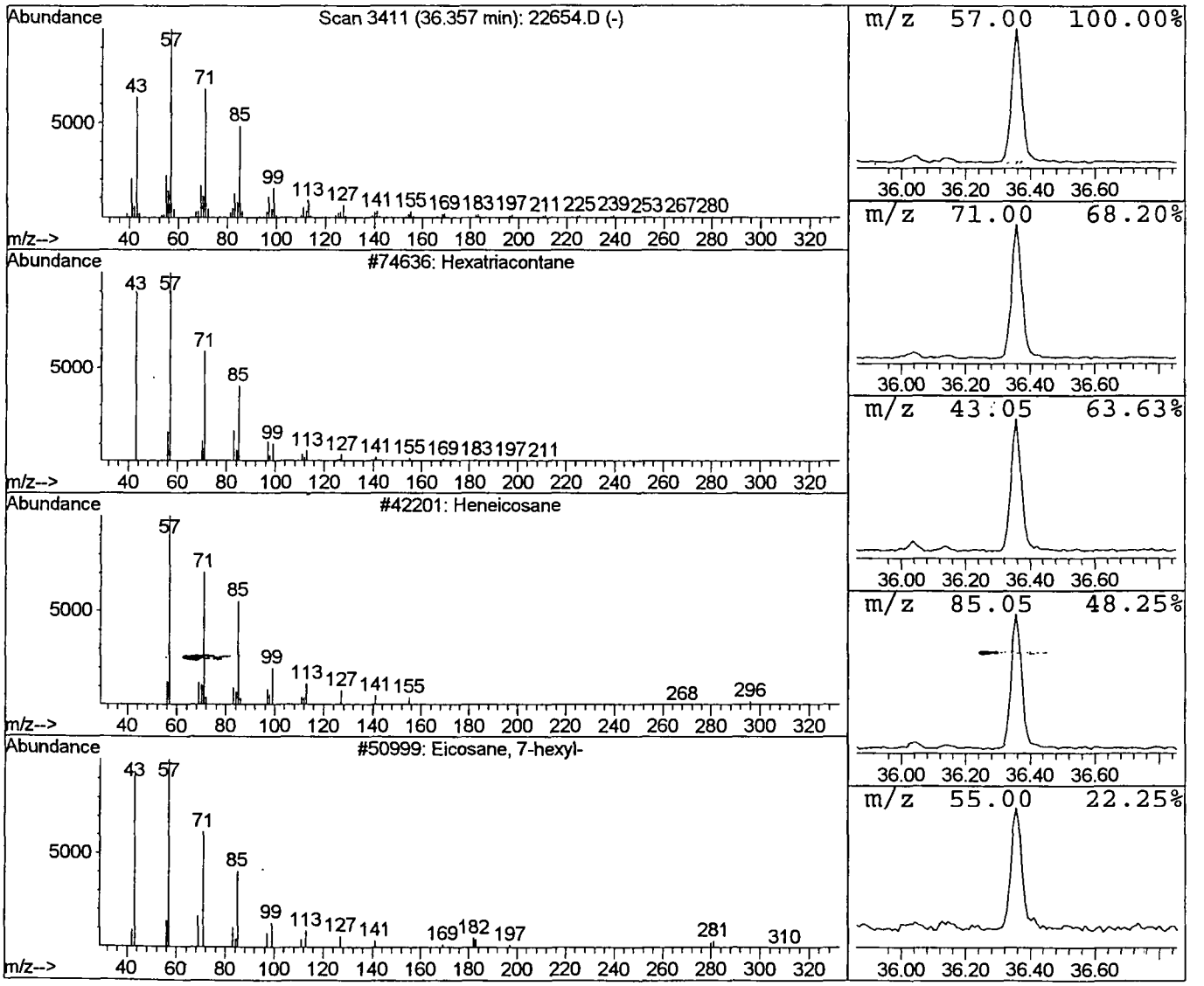
Peak Number 16 Hexatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.36	3.09 ug/l	420839	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Triacontane	422	C30H62	000638-68-6	91



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Misc :
MS Integration Params: LSCINT.P

Vial: 6
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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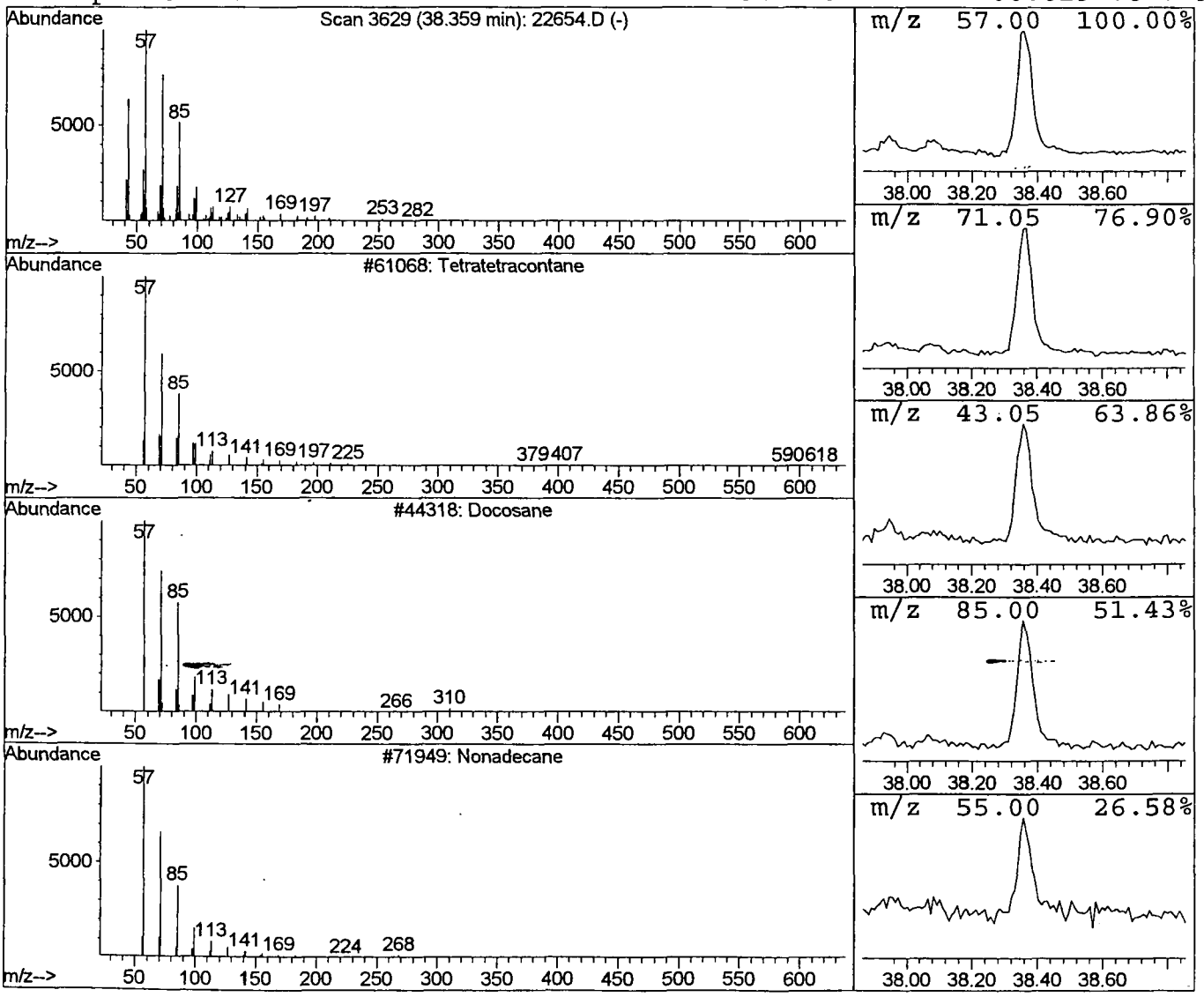
Peak Number 17 Tetratetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.36	1.10 ug/l	149970	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Docosane	310	C22H46	000629-97-0	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	90



NYC-WTC_000087488

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1101\22654.D
Acq On : 11 Oct 2001 2:38 pm
Sample : reinject
Misc :
MS Integration Params: LSCINT.P

Vial: 6
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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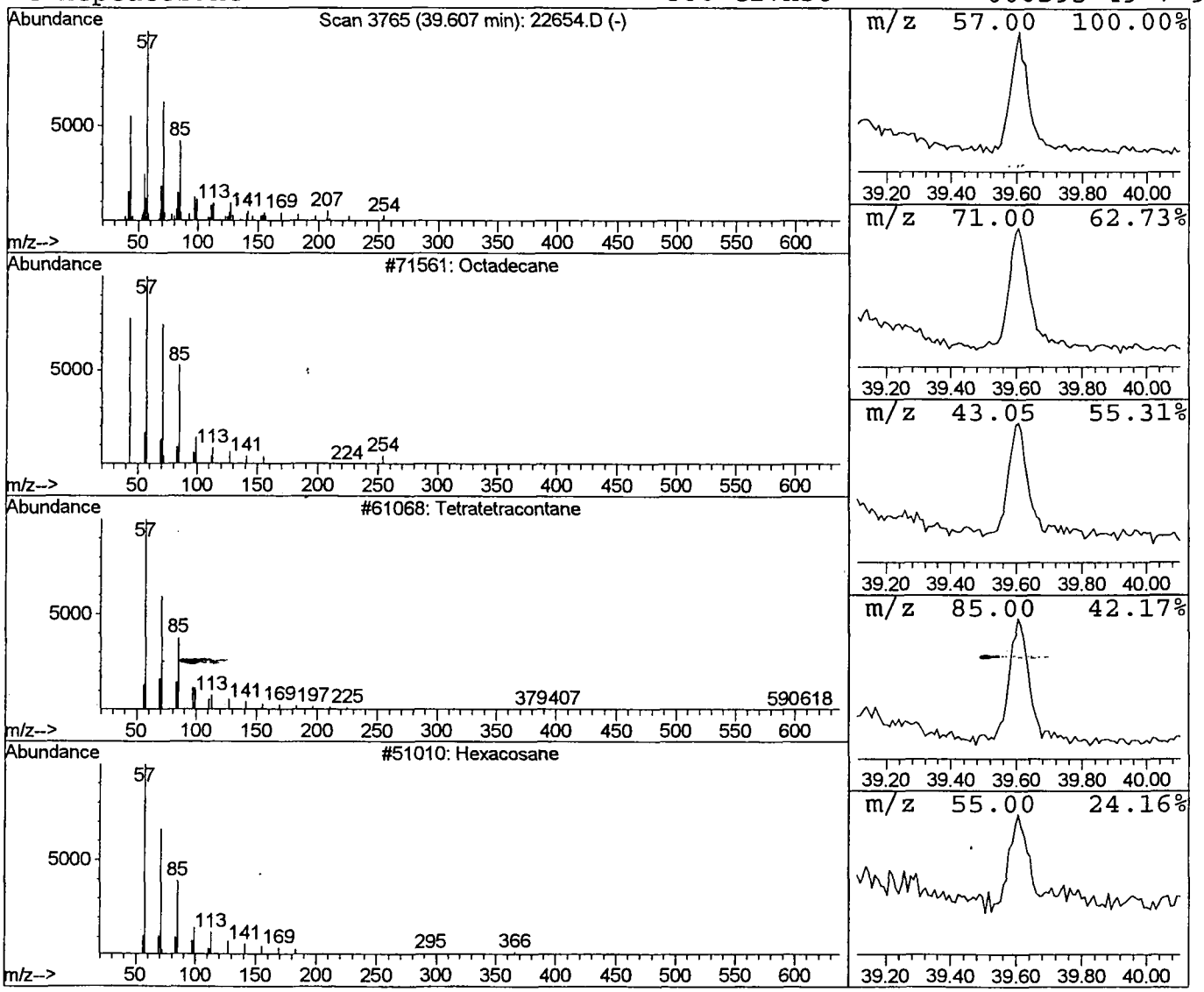
Peak Number 18 Octadecane — Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.61	0.88 ug/l	120441	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptacosane	380	C27H56	000593-49-7	91



NYC-WTC_000087489

Comments for Sample AD22654 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-12-2001 Time: 17:44:37

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 in the Laboratory Blank, except that the levels are higher in the sample than in the Laboratory Blank.