User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/11/2001 Time: 08:19:48

Sample: AD22581
Analysis: $GCMS GC/MS Scan For Unknowns
Started: 10/11/01 08:19 Ended: 10/11/01 08:19 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\SEP2801\22581.D Vial: 9
Acq On : 28 Sep 2001 8:16 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 1 11:43 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	11.79	152	532307	20.00	ug/l	-0.12
19) Naphthalene-d8	15.40	136	2112823	20.00	ug/l	-0.13
31) Acenaphthene-d10	20.69	164	992467	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.12	188	1428812	20.00	ug/l	-0.12
59) Chrysene-d12	33.16	240	1017341	20.00	ug/l	-0.12
68) Perylene-d12	37.29	264	752511	20.00	ug/l	-0.13
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	11.78	132	200	0.00	ug/l	0.37
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.31	152	5535	0.21	ug/l	-0.13
Spiked Amount 50.000			Recovery =	0.42%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.82	172	2281	0.03	ug/l	0.01
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	30.02	244	185	0.00	ug/l	-0.13
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) Pyridine	5.48	79	207	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

NYC-WTC_000087227

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D Vial: 9
Acq On : 28 Sep 2001 8:16 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 1 11:43 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	21.13	65	207	N.D.	
44)	2,4-Dinitrotoluene	20.96	165	198	N.D.	
45)	Diethylphthalate	22.18	149	250	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	25.12	178	268	N.D.	
56)	Anthracene	25.12	178	268	N.D.	
57)	Di-n-butylphthalate	27.11	149	3441	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	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.16	228	2300	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.42	149	77304	1.15 ug/l	98
67)	Chrysene	33.16	228	2300	N.D.	
69)	Di-n-Octylphthalate	35.16	149	3525	N.D.	
70)	Benzo(b)fluoranthene	36.19	252	297	N.D.	

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

NYC-WTC_000087228

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D Vial: 9
Acq On : 28 Sep 2001 8:16 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 1 11:43 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	36.26	252	186	N.D.	
72) Benzo(a)pyrene	37.09	252	302	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.	

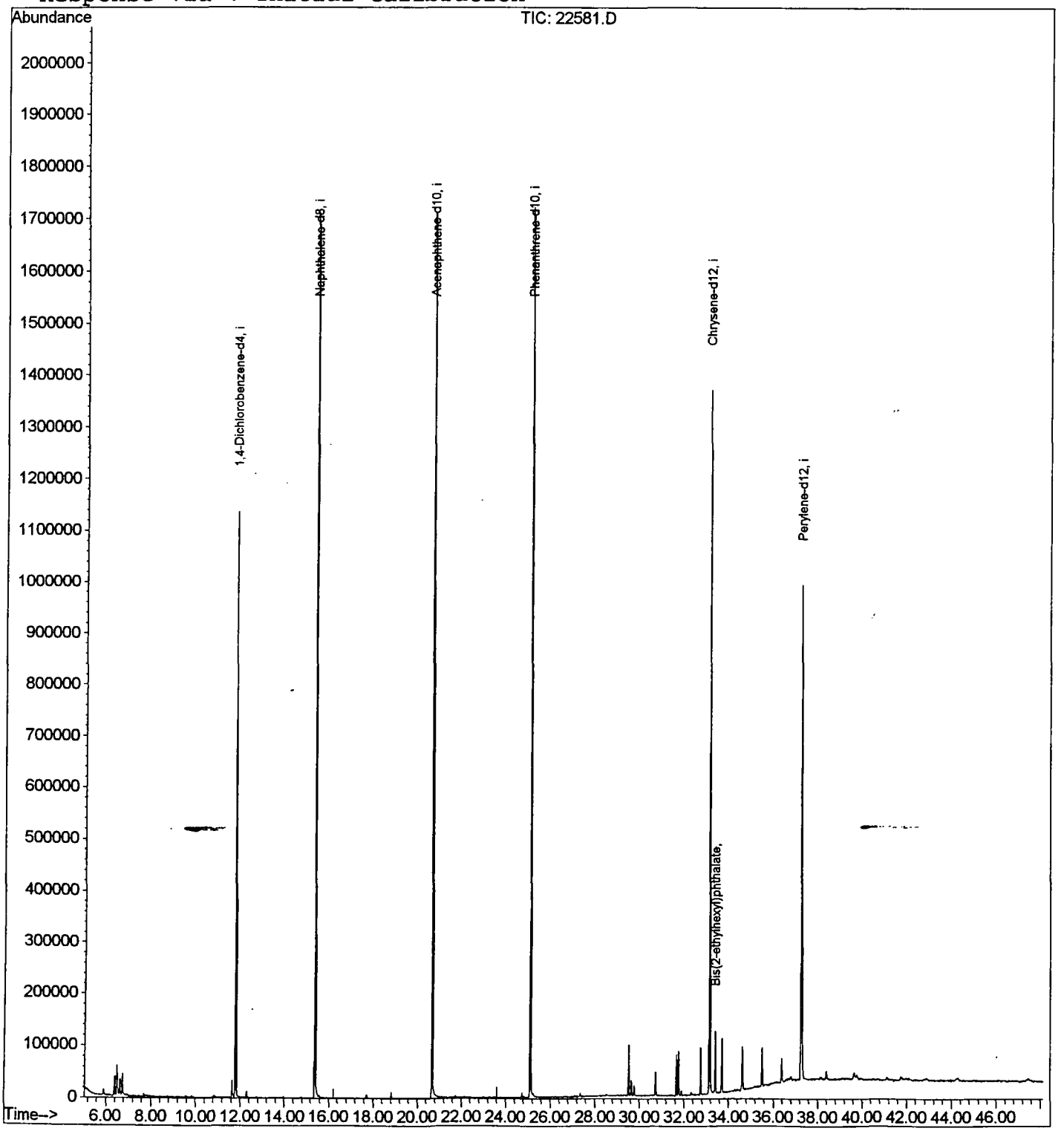
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000087229

Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D Vial: 9
Acq On : 28 Sep 2001 8:16 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 1 11:43 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



NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D Vial: 9
Acq On : 28 Sep 2001 8:16 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	6.403	143	148	155	rBV	37049	76184	1.93%	0.340%
2	6.504	155	159	163	rBV	55932	115196	2.92%	0.514%
3	6.642	169	174	181	rVB	29576	58663	1.49%	0.262%
4	6.752	182	186	193	rBV	40702	78397	1.99%	0.350%
5	11.645	713	719	729	rBV	32769	77123	1.95%	0.344%
6	11.783	729	734	753	rVV	1135021	2758057	69.88%	12.307%
7	15.400	1121	1128	1145	rBV	1712615	3843508	97.38%	17.150%
8	20.688	1697	1704	1718	rBV	1713159	3946753	100.00%	17.611%
9	25.122	2180	2187	2198	rBV2	1721274	3690829	93.52%	16.469%
10	29.537	2663	2668	2674	rBV2	98147	196085	4.97%	0.875%
11	29.657	2674	2681	2686	rVB	28939	57439	1.46%	0.256%
12	30.740	2793	2799	2808	rVB2	45670	98947	2.51%	0.442%
13	31.676	2896	2901	2906	rBV	79294	155182	3.93%	0.692%
14	31.768	2906	2911	2917	rVB	84844	172450	4.37%	0.769%
15	32.769	3014	3020	3025	rBV	90930	180244	4.57%	0.804%
16	33.164	3056	3063	3076	rBV2	1362644	3170937	80.34%	14.149%
17	33.421	3086	3091	3097	rVB	119234	249574	6.32%	1.114%
18	33.724	3117	3124	3130	rBV2	104660	231513	5.87%	1.033%
19	34.642	3220	3224	3232	rVB	82679	167838	4.25%	0.749%
20	35.532	3317	3321	3328	rVB	74713	151932	3.85%	0.678%
21	36.395	3410	3415	3421	rBV2	48210	118759	3.01%	0.530%
22	37.286	3504	3512	3525	rBV2	957431	2815751	71.34%	12.564%

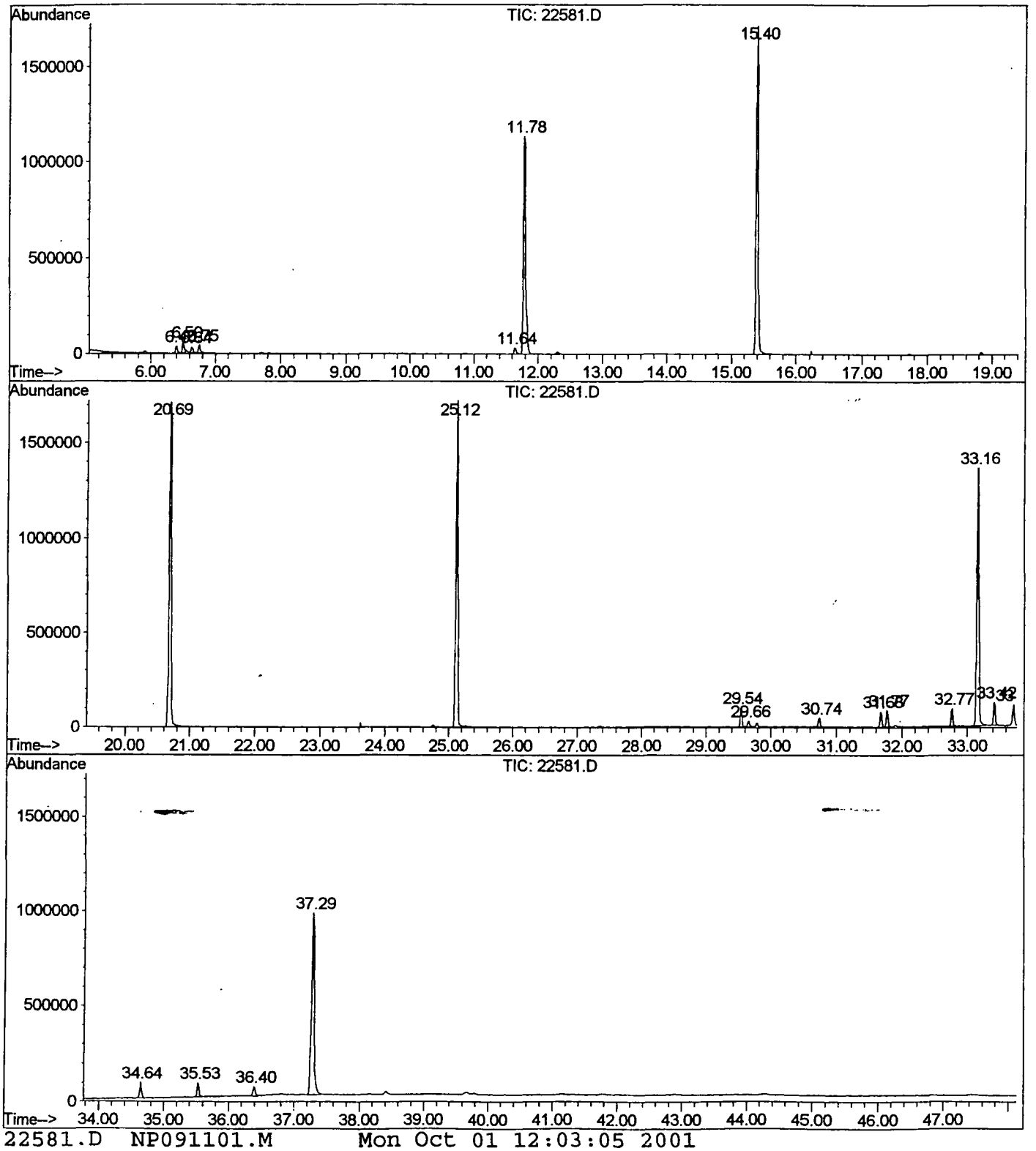
Sum of corrected areas: 22411361

22581.D NP091101.M Mon Oct 01 12:03:02 2001

NYC-WTC_000087231

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2801\22581.D
Operator : 209 GALOS
Acquired : 28 Sep 2001 8:16 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 9
Quant File :NP091101.RES (RTE Integrator)



22581.D NP091101.M Mon Oct 01 12:03:05 2001

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D
Acq On : 28 Sep 2001 8:16 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

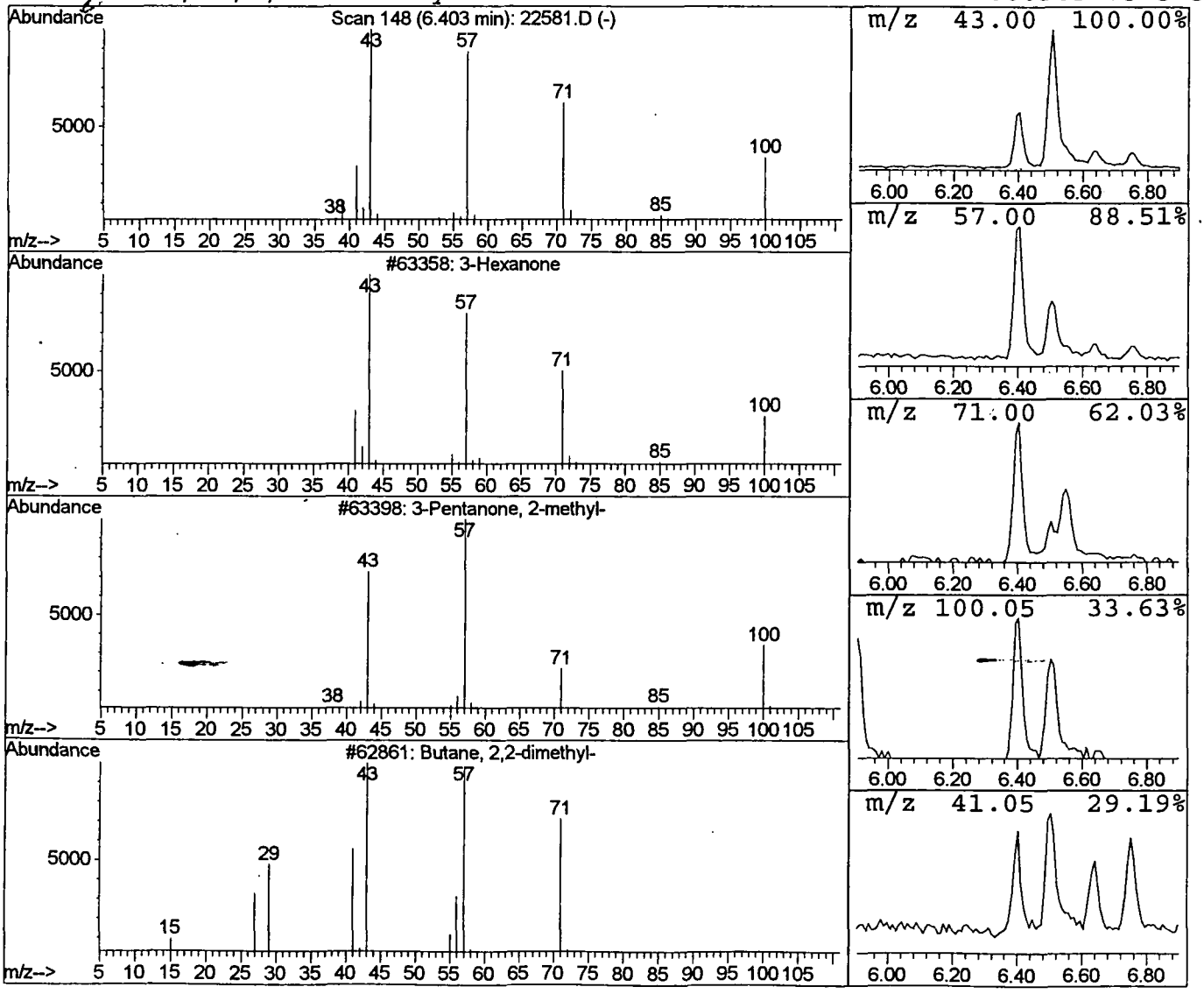
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	0.55 ug/l	76184	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	50
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	38



NYC-WTC_000087233

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D
Acq On : 28 Sep 2001 8:16 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

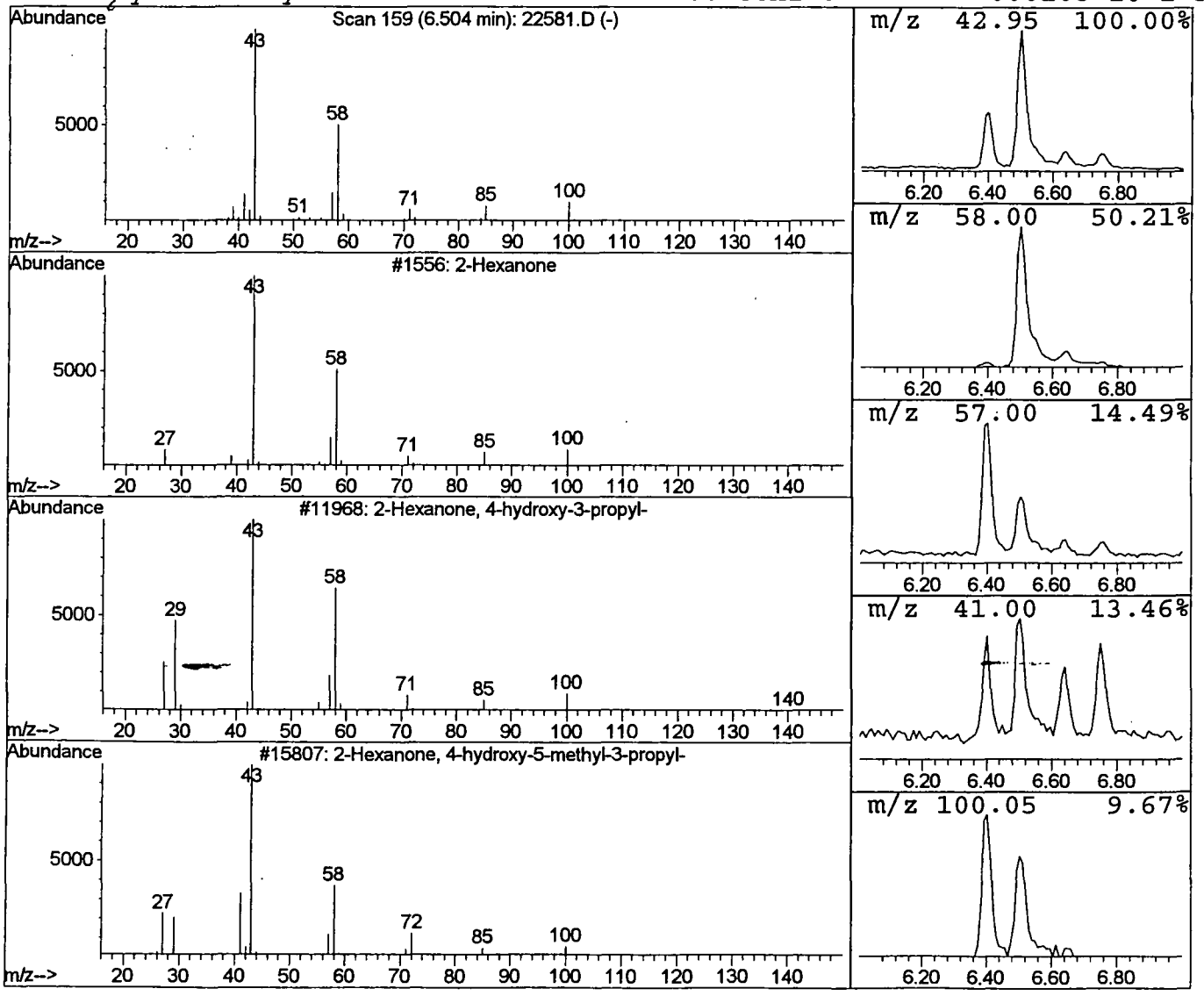
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.84 ug/l	115196	1,4-Dichlorobenzene-d4	11.79

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	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	83
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



NYC-WTC_000087234

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D
Acq On : 28 Sep 2001 8:16 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

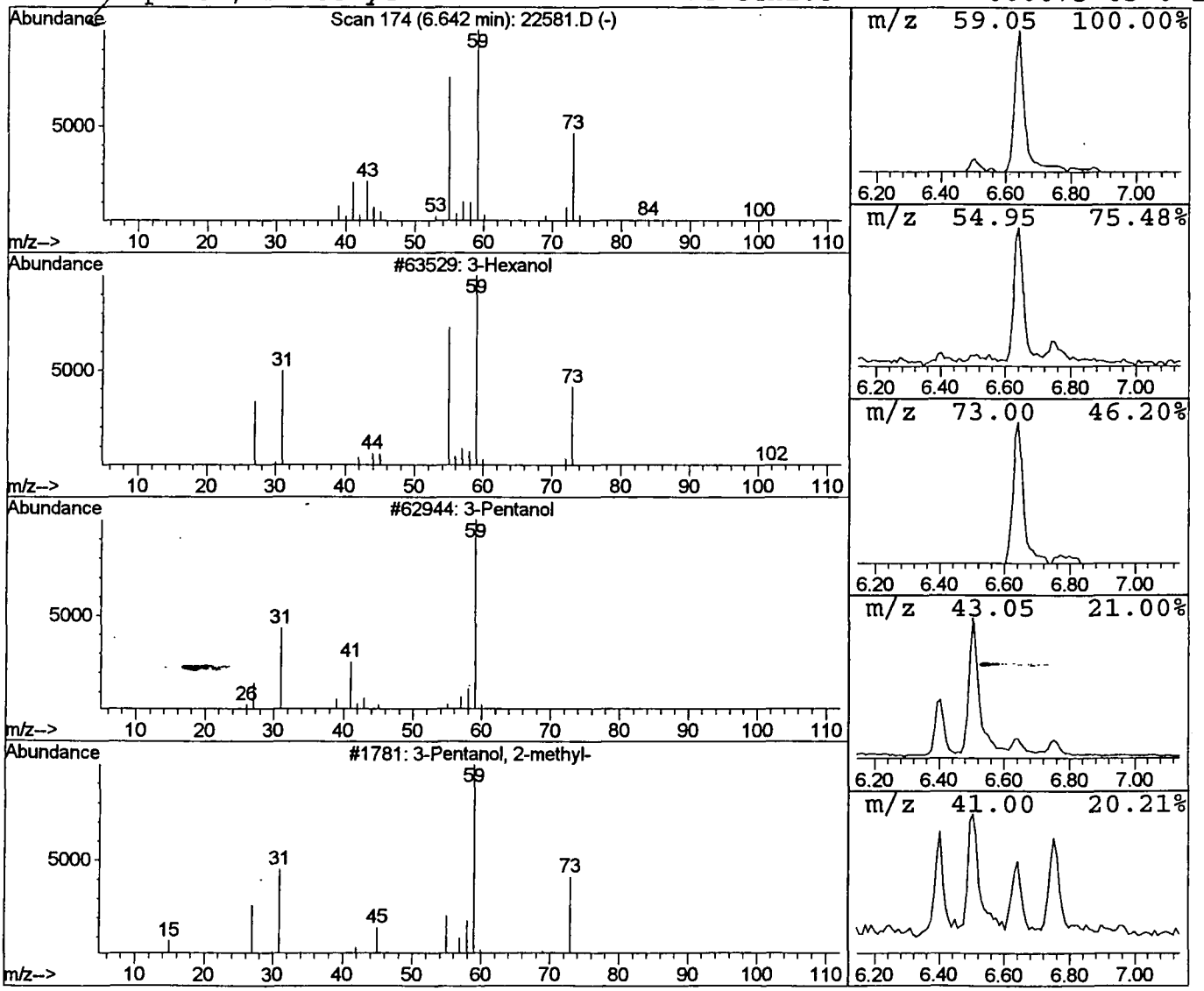
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol — Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	0.43 ug/l	58663	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Pentanol	88	C5H12O	000584-02-1	53
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	36
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	28



NYC-WTC_000087235

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D
Acq On : 28 Sep 2001 8:16 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

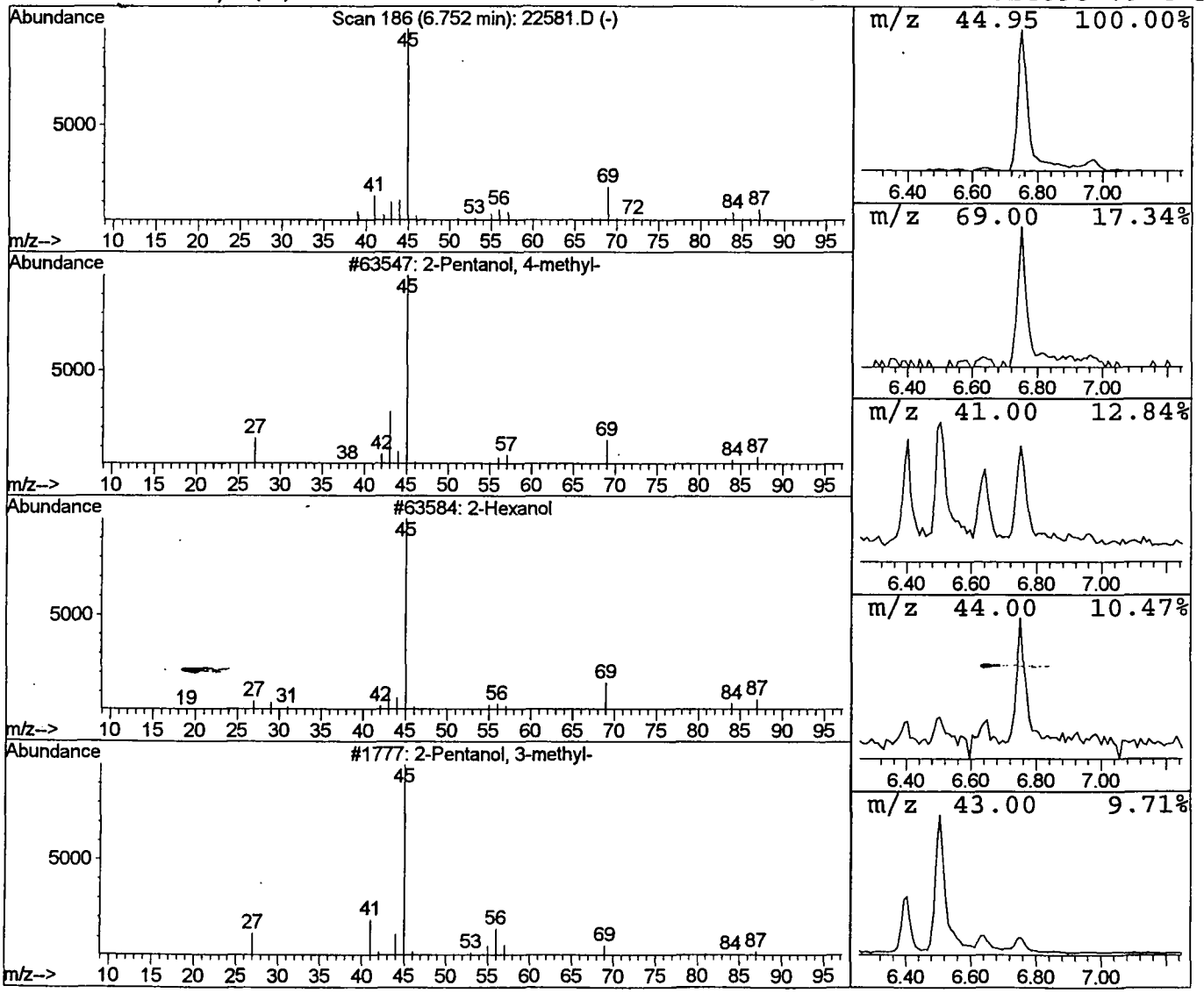
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Pentanol, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	0.57 ug/l	78397	1,4-Dichlorobenzene-d4	11.79

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	83
3	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	56
4	2-Butanol, (R)-	74	C4H10O	014898-79-4	50



NYC-WTC_000087236

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D
Acq On : 28 Sep 2001 8:16 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

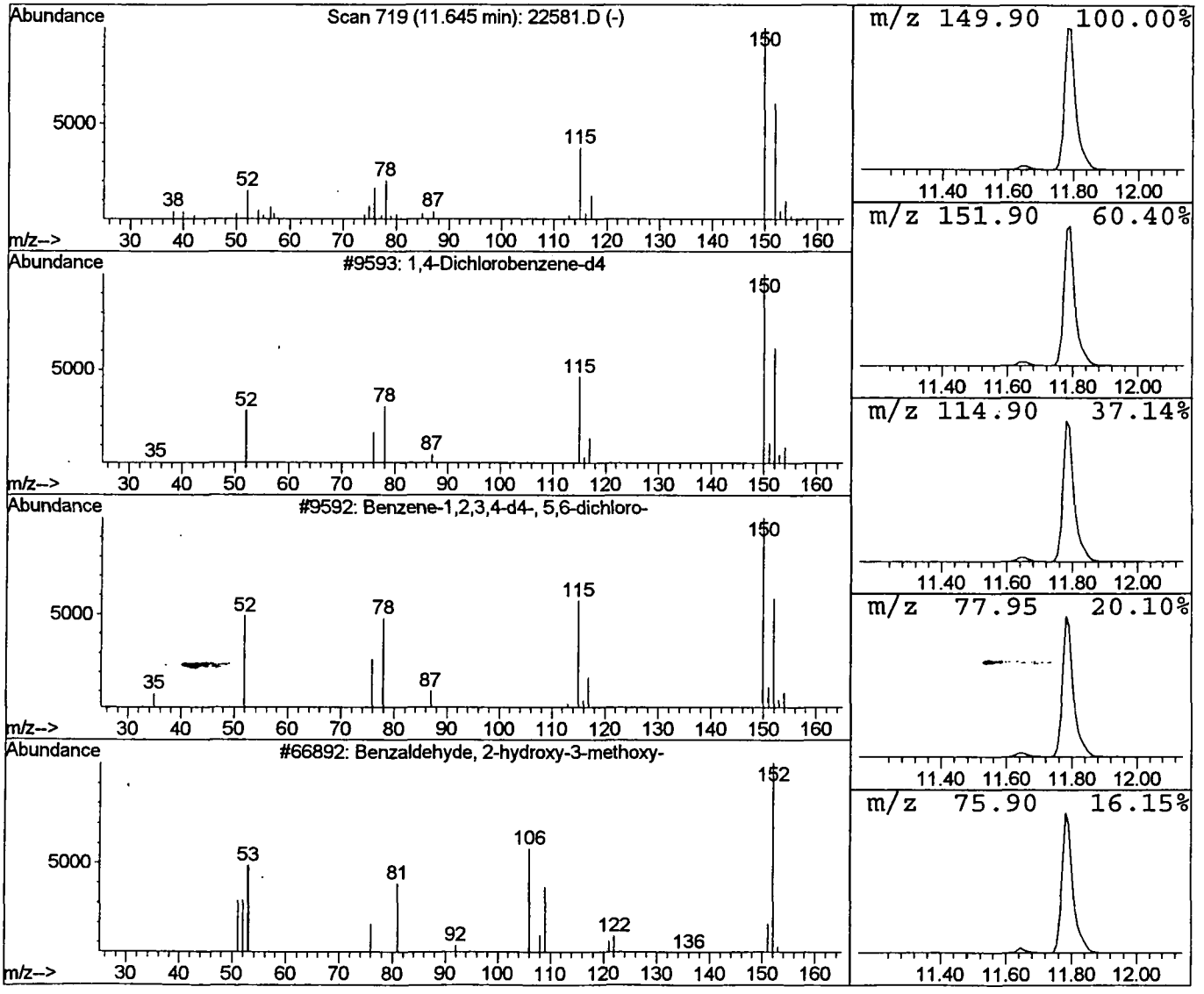
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1,4-Dichlorobenzene-d4 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	0.56 ug/l	77123	1,4-Dichlorobenzene-d4	11.79

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	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Vanillin	152	C8H8O3	000121-33-5	9



NYC-WTC_000087237

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D
Acq On : 28 Sep 2001 8:16 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

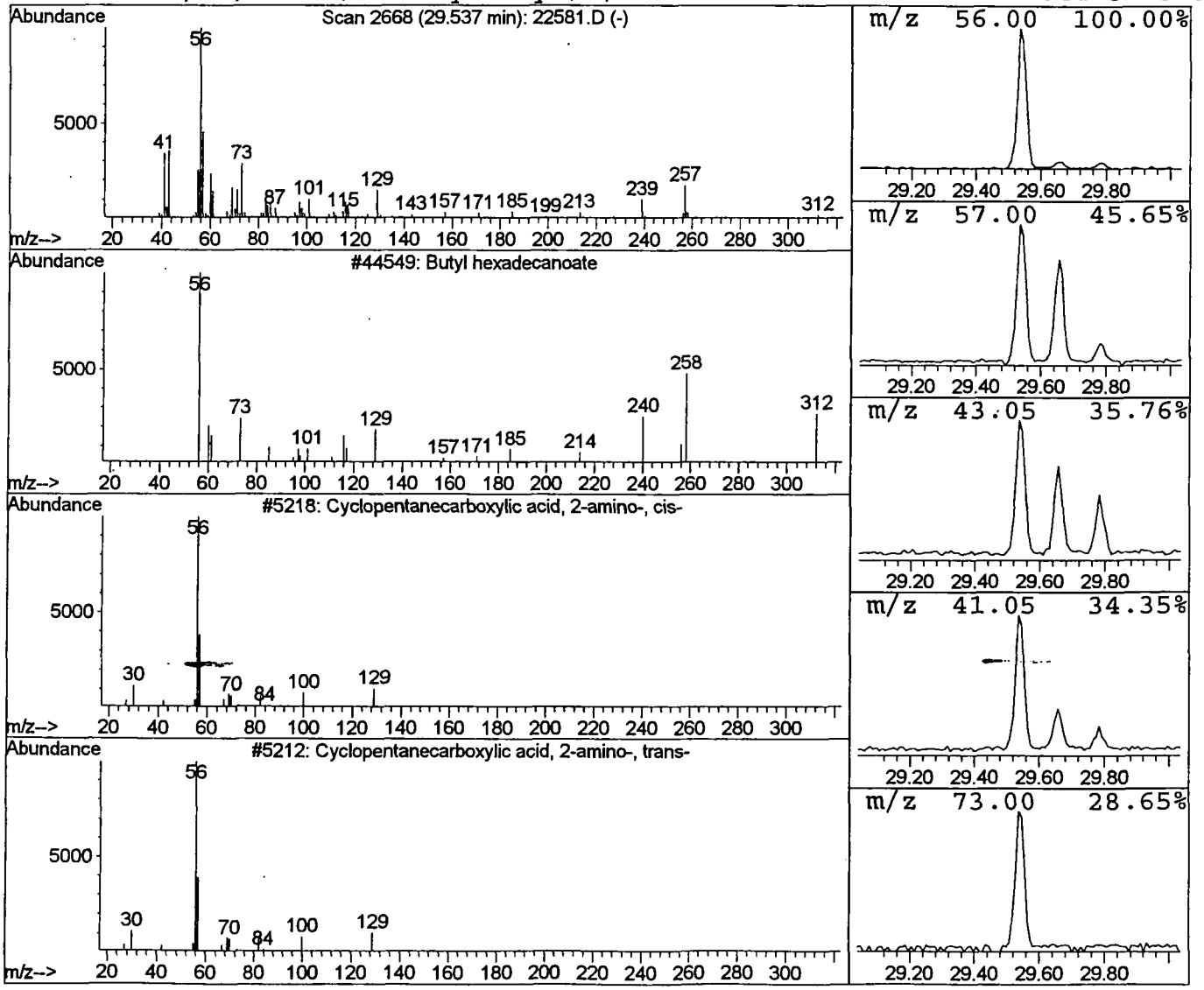
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Butyl hexadecanoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.54	1.24 ug/l	196085	Chrysene-d12	33.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl hexadecanoate	312	C20H40O2	000000-00-0	59
2	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	037910-65-9	38
3	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	040482-05-1	38
4	Oxirane, 2,3-bis(1-methylethyl)-,* t	128	C8H16O	054644-32-5	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D
Acq On : 28 Sep 2001 8:16 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

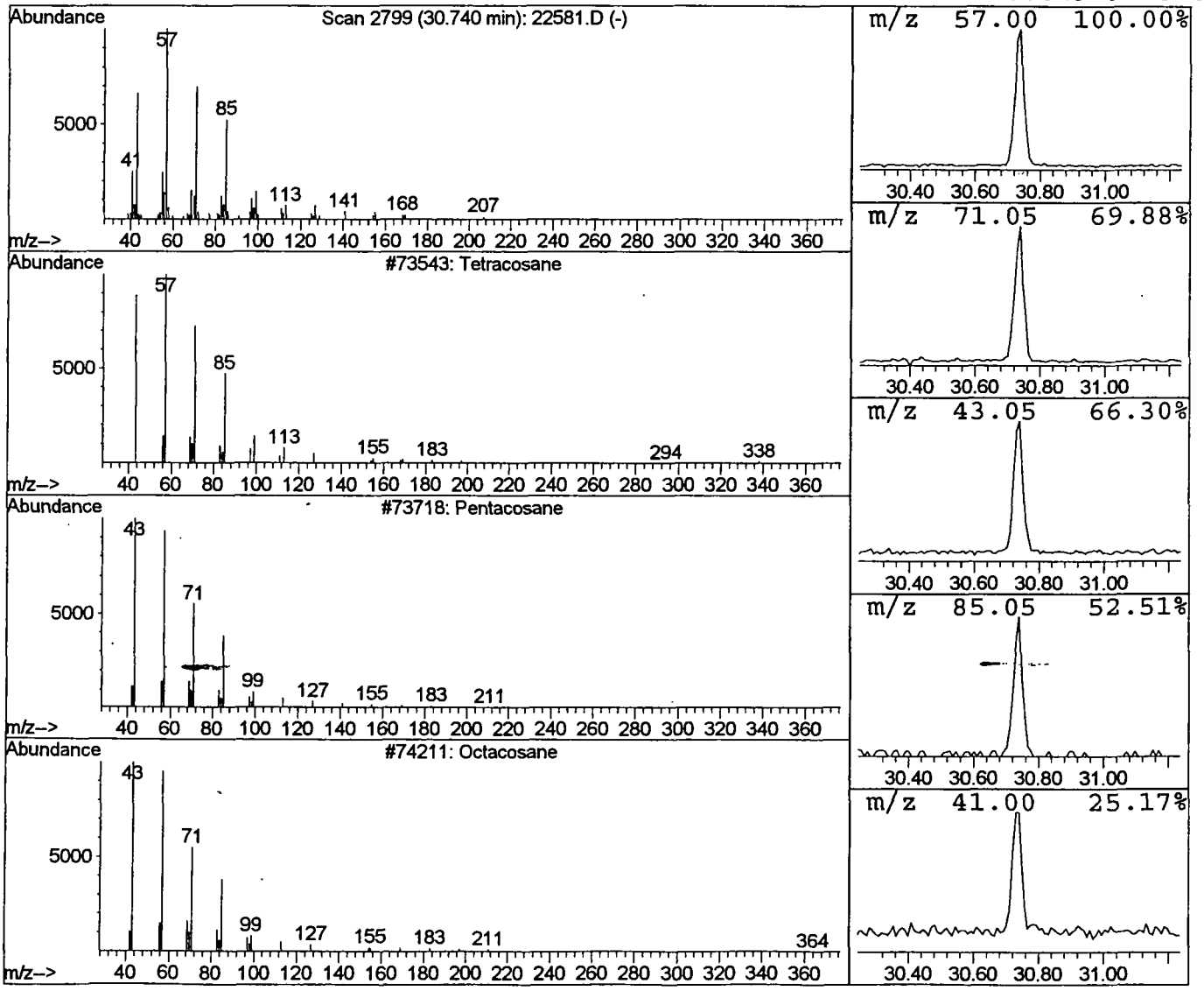
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.74	0.62 ug/l	98947	Chrysene-d12	33.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Nonadecane	268	C19H40	000629-92-5	86



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Library Search Compound Report

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Misc :
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Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

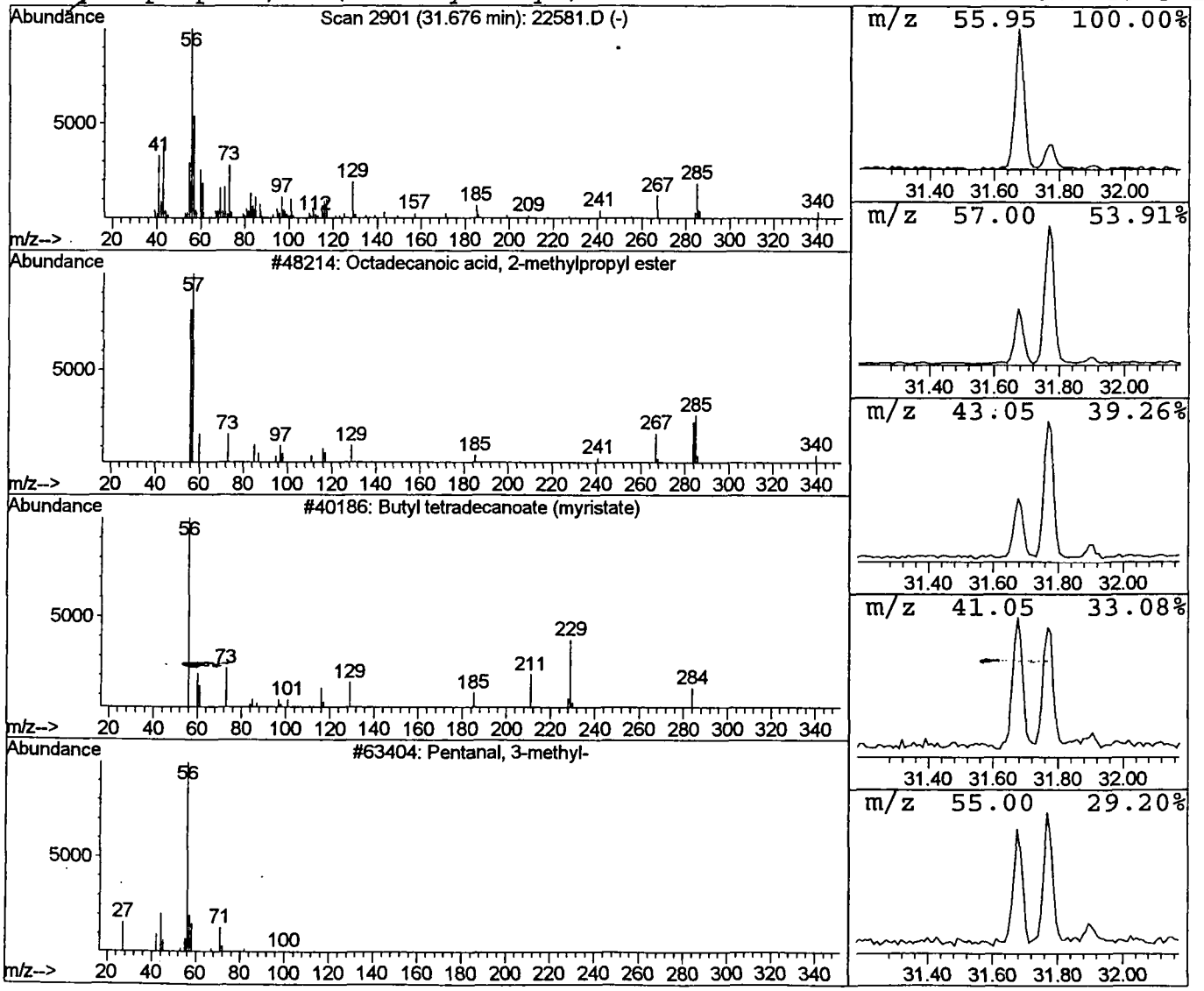
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Octadecanoic acid, 2-methylpro Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.68	0.98 ug/l	155182	Chrysene-d12	33.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropyl e	340	C22H44O2	000646-13-9	70
2	Butyl tetradecanoate (myristate)	284	C18H36O2	000000-00-0	59
3	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	27
4	Cyclopropane, 1-(1-methylethyl)-2-n	210	C15H30	041977-39-3	27



NYC-WTC_000087240

Library Search Compound Report

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Inst : GC/MS 209
Multiplr: 1.00

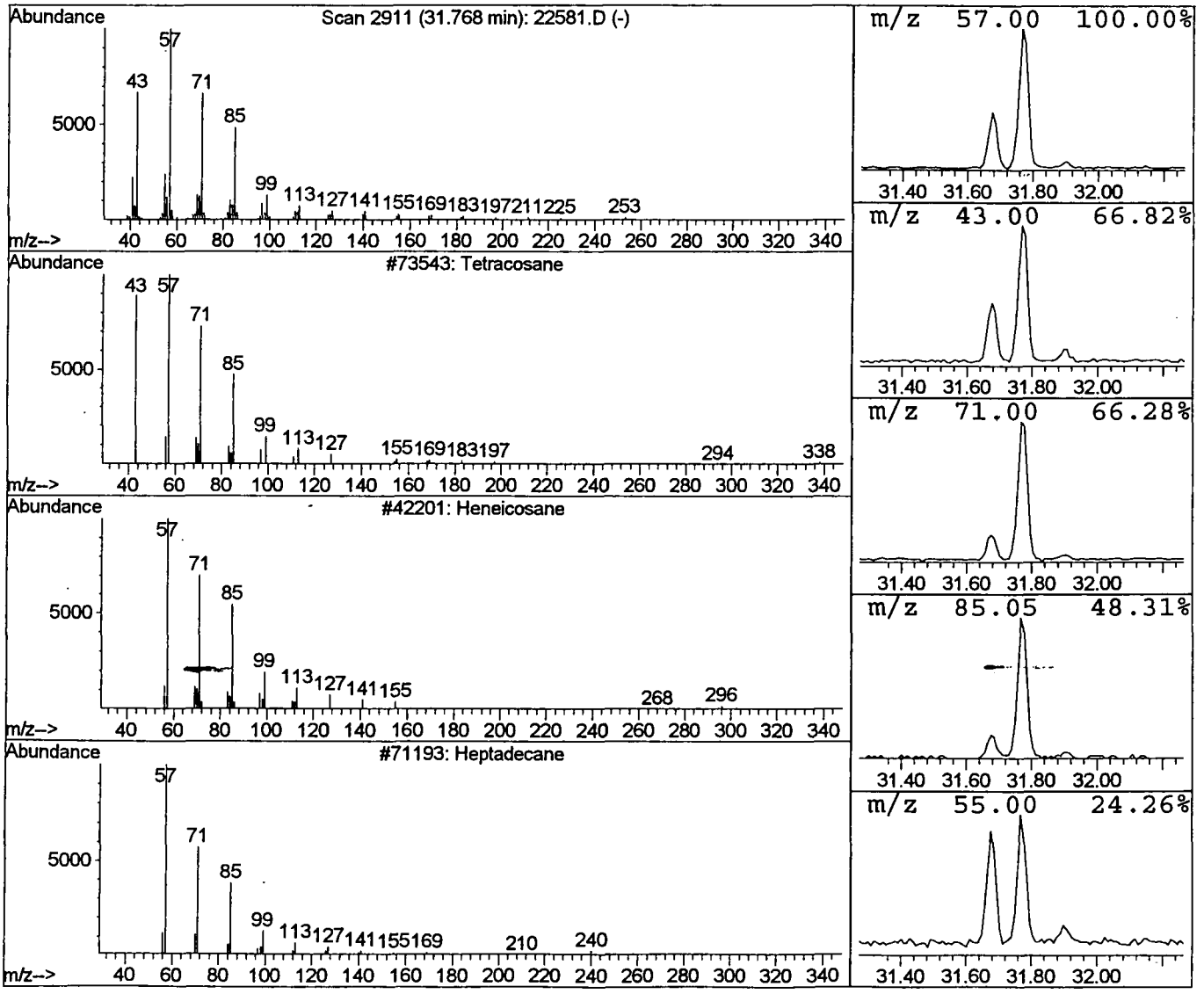
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.77	1.09 ug/l	172450	Chrysene-d12	33.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Pentadecane	212	C15H32	000629-62-9	86



Library Search Compound Report

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Inst : GC/MS 209
Multiplr: 1.00

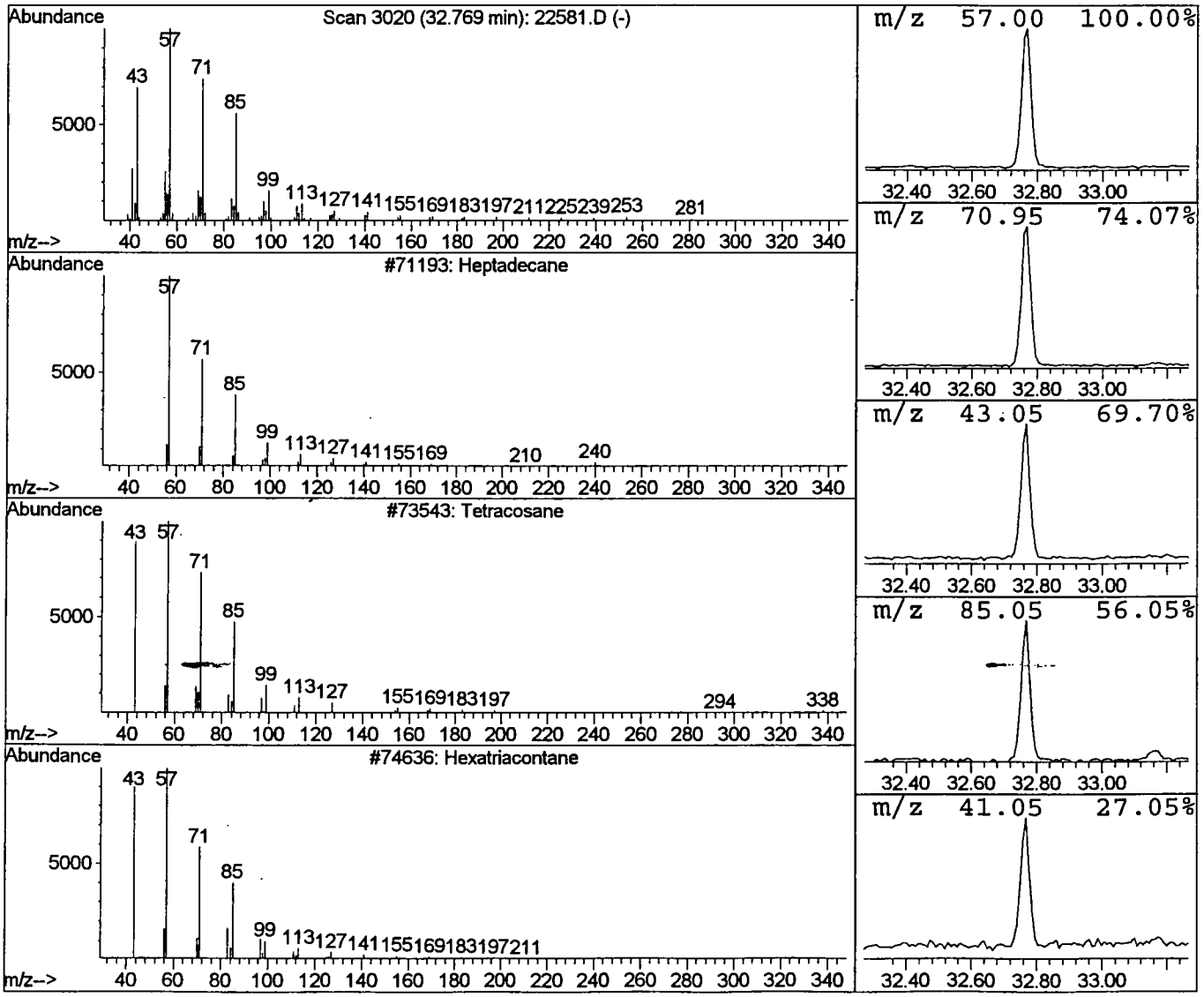
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.77	1.14 ug/l	180244	Chrysene-d12	33.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	Tetradecane	198	C14H30	000629-59-4	87



NYC 9/11 Public Portal Document

Library Search Compound Report

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Misc :
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Vial: 9
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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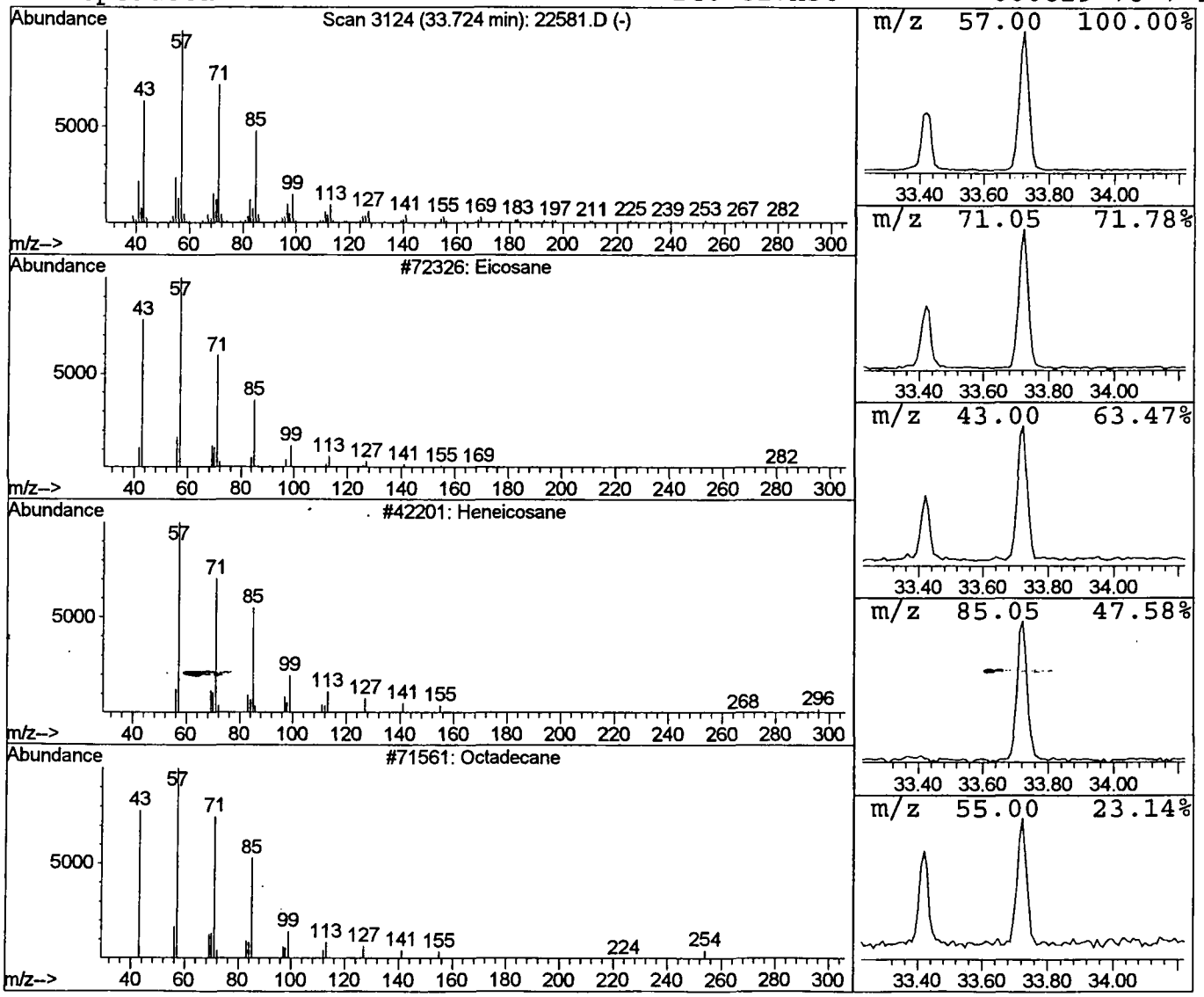
Peak Number 11 Eicosane — Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.72	1.46 ug/l	231513	Chrysene-d12	33.16

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



NYC-WTC_000087243

NYC 9/11 Public Portal Document

Library Search Compound Report

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Misc :
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Vial: 9
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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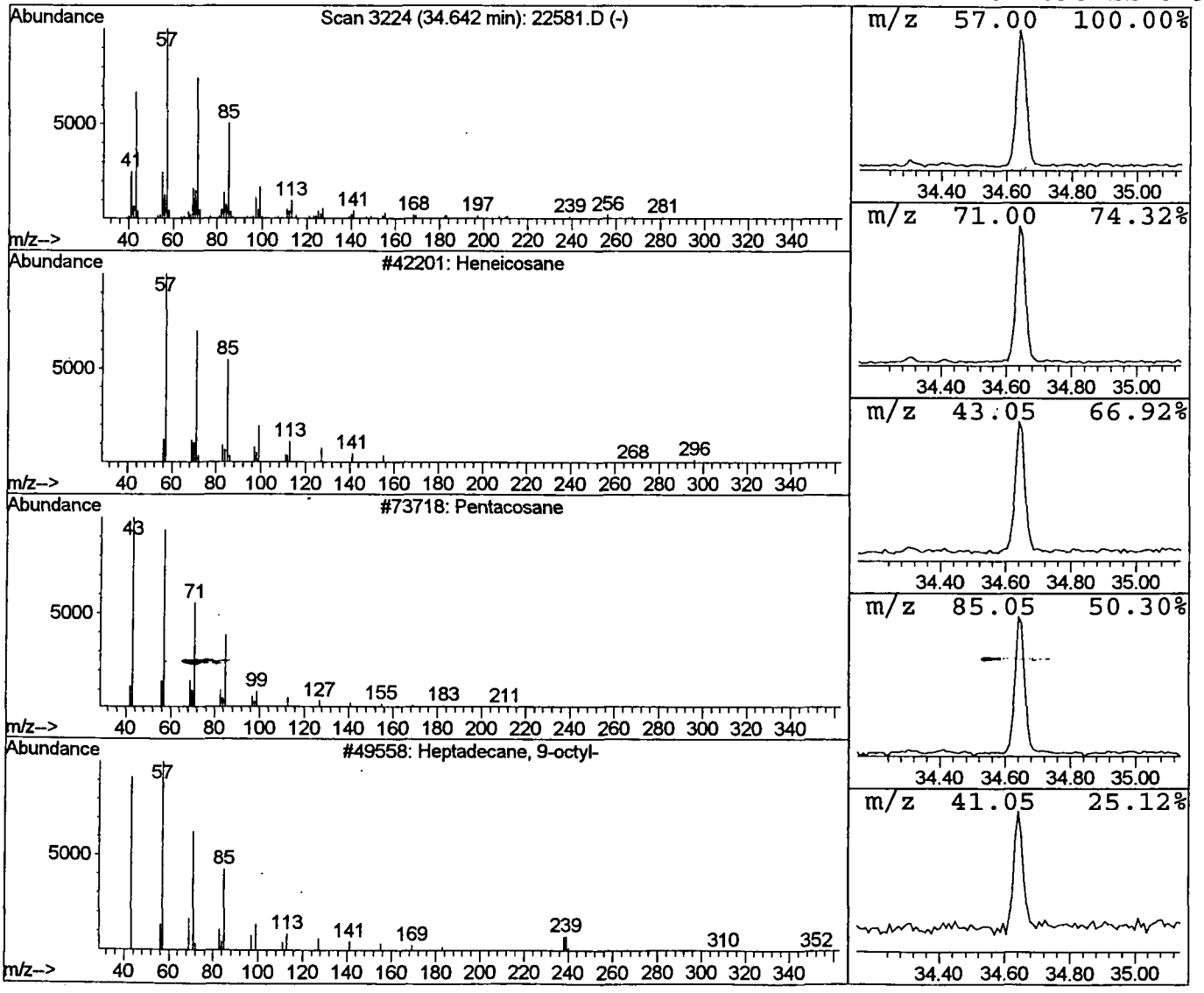
Peak Number 12 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.64	1.06 ug/l	167838	Chrysene-d12	33.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91



NYC-WTC_000087244

Library Search Compound Report

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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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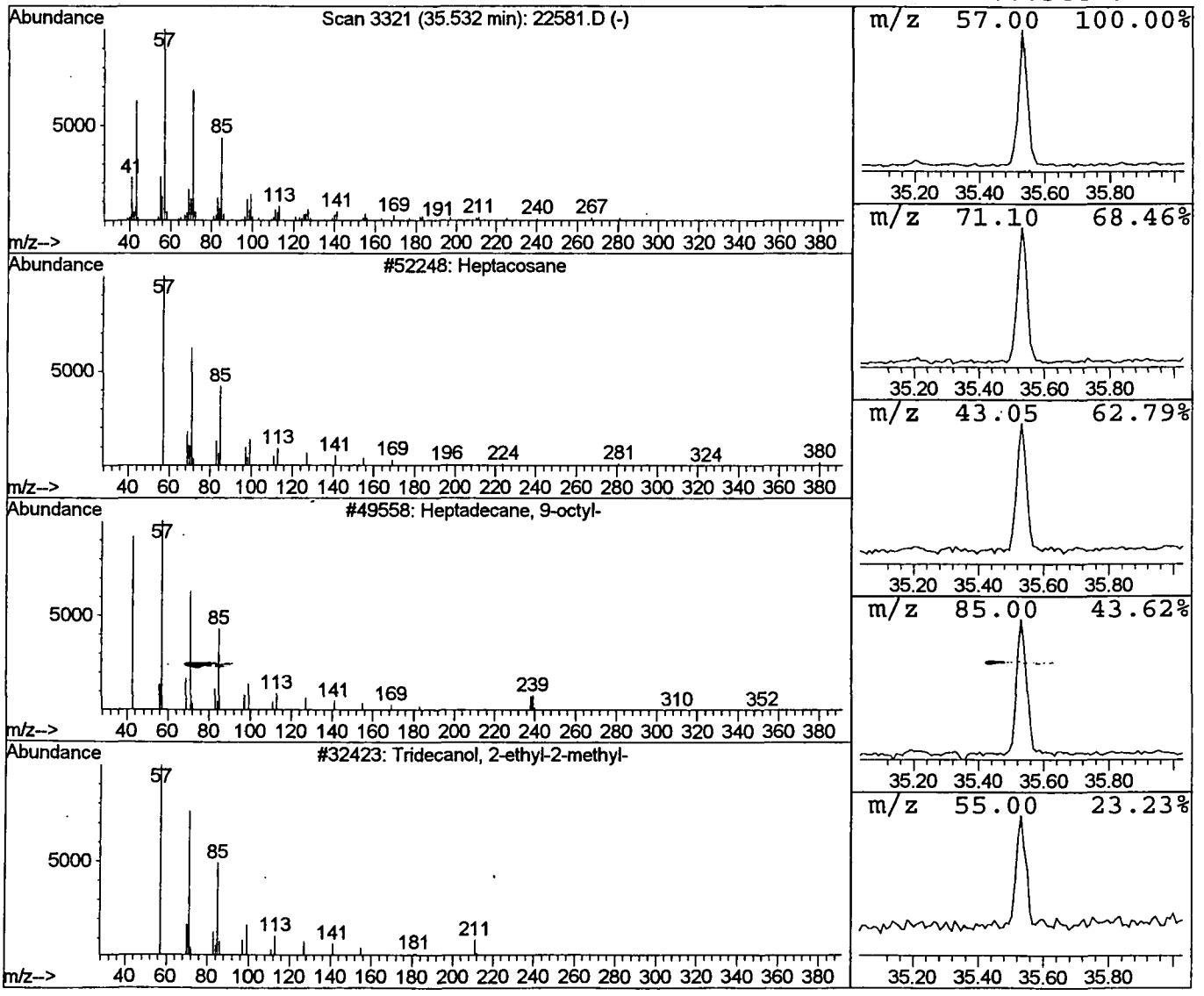
Peak Number 13 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.53	1.08 ug/l	151932	Perylene-d12	37.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	000000-00-0	91
4	Dotriacontane	451	C32H66	000544-85-4	91



NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22581.D
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Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

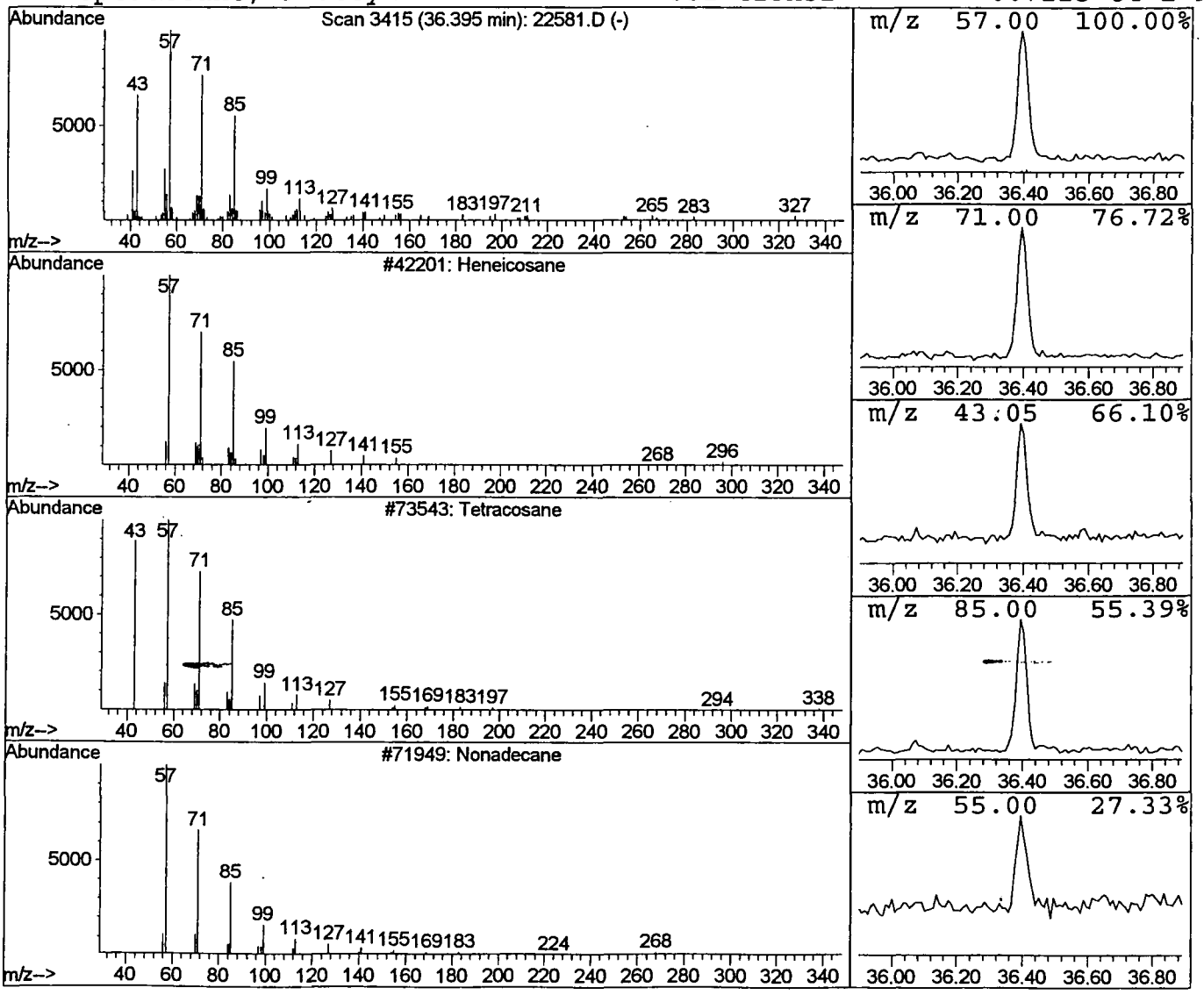
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 14 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.40	0.84 ug/l	118759	Perylene-d12	37.29

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	Nonadecane	268	C19H40	000629-92-5	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



NYC-WTC_000087246

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Sep 2001 8:16 pm
Data File: C:\HPCHEM\1\DATA\SEP2801\22581.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
3-Hexanone	6.40	0.6	ug/l	76184	ISTD01	11.79	2758060	20.0
2-Hexanone	6.50	0.8	ug/l	115196	ISTD01	11.79	2758060	20.0
3-Hexanol	6.64	0.4	ug/l	58663	ISTD01	11.79	2758060	20.0
2-Pentanol, 4-methyl	6.75	0.6	ug/l	78397	ISTD01	11.79	2758060	20.0
1,4-Dichlorobenzene-	11.64	0.6	ug/l	77123	ISTD01	11.79	2758060	20.0
Butyl hexadecanoate	29.54	1.2	ug/l	196085	ISTD05	33.16	3170940	20.0
Tetracosane	30.74	0.6	ug/l	98947	ISTD05	33.16	3170940	20.0
Octadecanoic acid, 2	31.68	1.0	ug/l	155182	ISTD05	33.16	3170940	20.0
Tetracosane	31.77	1.1	ug/l	172450	ISTD05	33.16	3170940	20.0
Heptadecane	32.77	1.1	ug/l	180244	ISTD05	33.16	3170940	20.0
Eicosane	33.72	1.5	ug/l	231513	ISTD05	33.16	3170940	20.0
Heneicosane	34.64	1.1	ug/l	167838	ISTD05	33.16	3170940	20.0
Heptacosane	35.53	1.1	ug/l	151932	ISTD06	37.29	2815750	20.0
Heneicosane	36.40	0.8	ug/l	118759	ISTD06	37.29	2815750	20.0

22581.D NP091101.M Mon Oct 01 12:03:39 2001

NYC 9/11 Public Portal Document

File : C:\HPCHEM\1\DATA\SEP2801\22581.D
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Instrument : GC/MS 209
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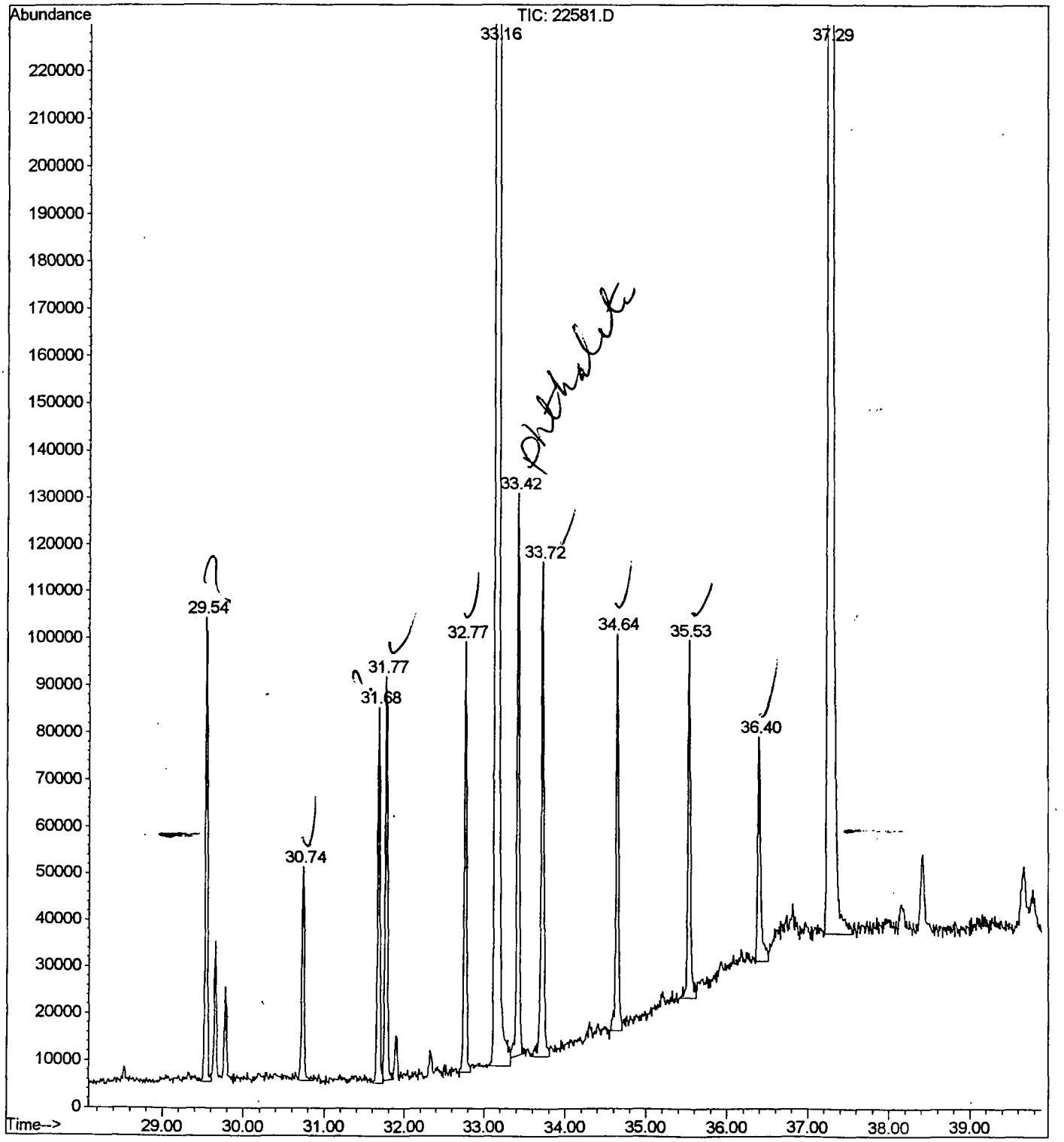

Comments for Sample AD22581 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-12-2001 Time: 13:43:45

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