User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/01/2001 Time: 14:46:46

Sample: AD22558
Analysis: $GCMS GC/MS Scan For Unknowns
Started: 10/1/01 14:44 Ended: 10/1/01 14:44 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		comment

Comments for Sample AD22558 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-04-2001 Time: 10:11:08

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D Vial: 2
Acq On : 27 Sep 2001 1:02 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 27 14:49 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.97	152	489182	20.00	ng/uL	-0.04
19) Naphthalene-d8	15.59	136	1917263	20.00	ng/uL	-0.04
31) Acenaphthene-d10	20.86	164	846829	20.00	ng/uL	-0.04
49) Phenanthrene-d10	25.28	188	1280561	20.00	ng/uL	-0.03
59) Chrysene-d12	33.29	240	839201	20.00	ng/uL	-0.03
68) Perylene-d12	37.40	264	654240	20.00	ng/uL	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount 75.000	Range 18 - 42		Recovery =	0.00%#		
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount 75.000	Range 19 - 32		Recovery =	0.00%#		
6) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/uL	
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.00%#		
7) 1,2-Dichlorobenzene-d4	12.49	152	5199	0.25	ng/uL	-0.04
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.50%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	19.01	172	1467	0.03	ng/uL	0.11
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.06%#		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 45 - 96		Recovery =	0.00%#		
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount 50.000	Range 58 - 98		Recovery =	0.00%#		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitrosodimethylamine	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-Nitrosodi-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\SEP2701\22558.D Vial: 2
Acq On : 27 Sep 2001 1:02 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 27 14:49 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

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	0.00	149	0	N.D.	
46) 4-Chlorophenylphenylether	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	169	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	0.00	178	0	N.D.	
56) Anthracene	0.00	178	0	N.D.	
57) Di-n-butylphthalate	0.00	149	0	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	31.55	149	2779	N.D.	
65) Benzo(a)anthracene	33.29	228	1220	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.11	149	282	N.D.	
67) Chrysene	33.29	228	1220	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\SEP2701\22558.D Vial: 2
Acq On : 27 Sep 2001 1:02 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 27 14:49 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.40	252	1270	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.	

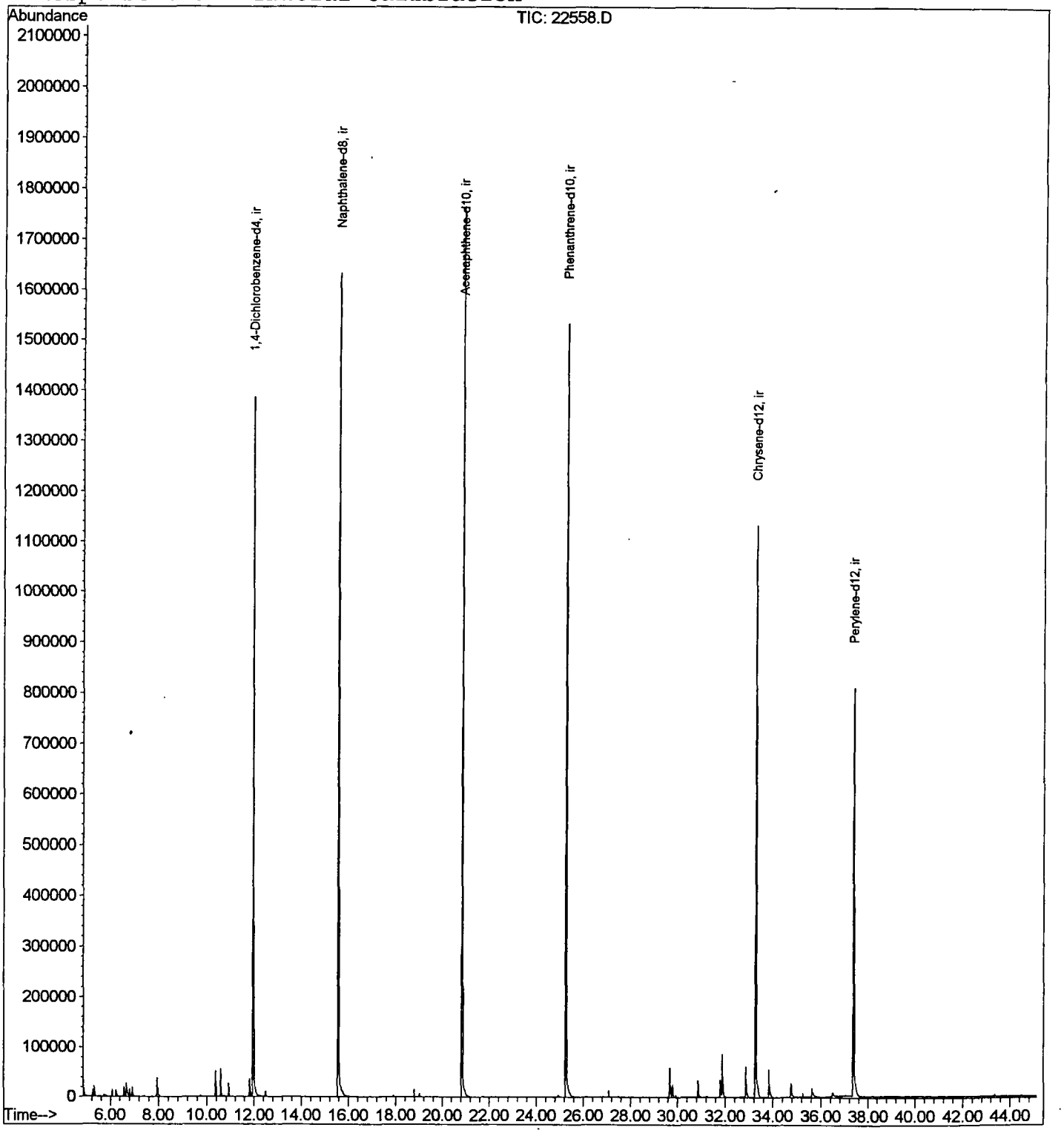
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 27 14:49 2001

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: NP072501.RES

Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D Vial: 2
Acq On : 27 Sep 2001 1:02 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
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

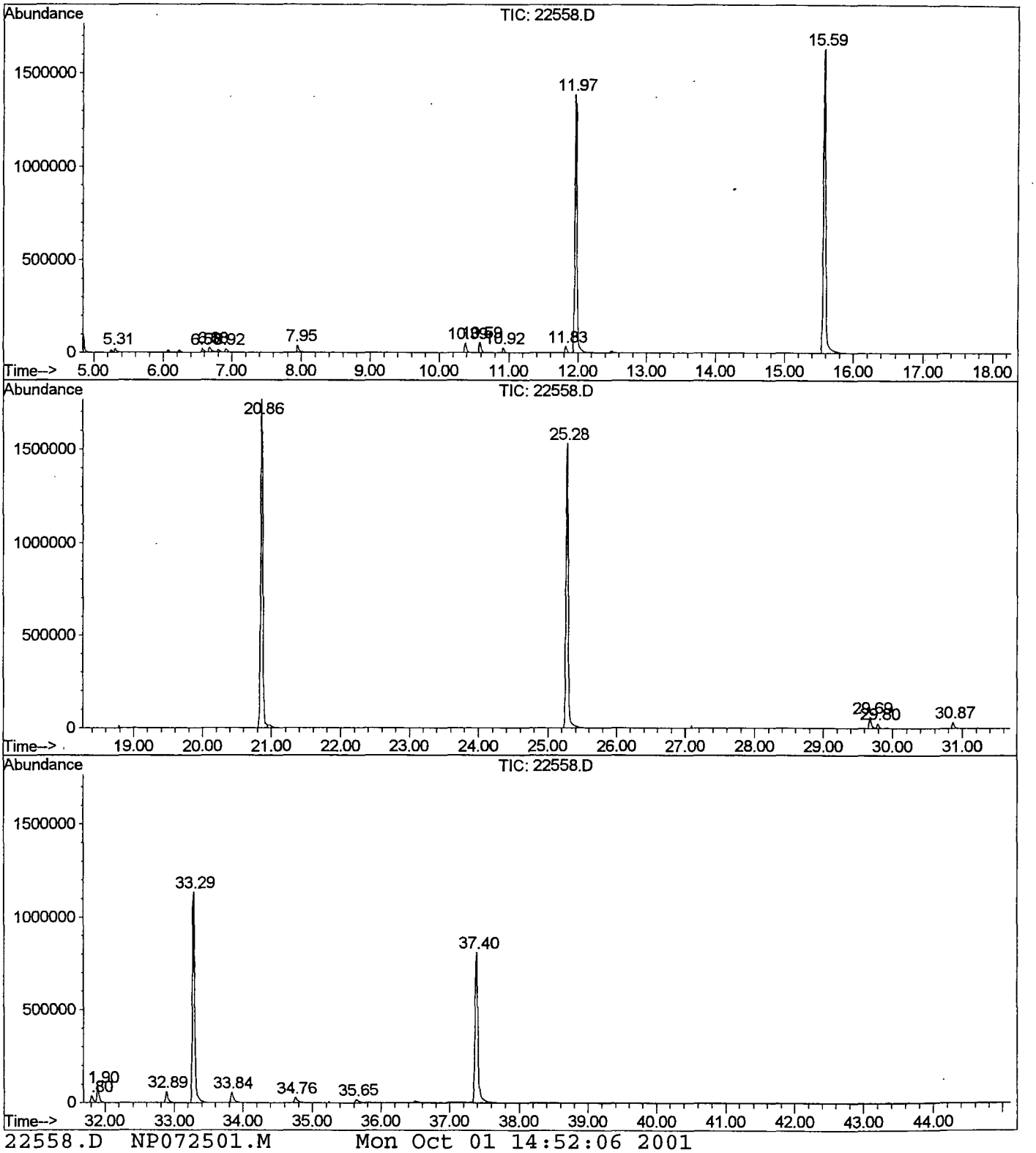
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.311	49	52	59	rVB	21286	42883	1.09%	0.205%
2	6.577	186	190	197	rBV	20021	43752	1.11%	0.209%
3	6.678	197	201	211	rVV	27380	73668	1.86%	0.352%
4	6.916	223	227	234	rBB	18750	44107	1.12%	0.211%
5	7.952	336	340	346	rBV	37607	76593	1.94%	0.366%
6	10.392	602	606	611	rBV2	51092	95874	2.43%	0.458%
7	10.593	624	628	637	rBV	56173	106613	2.70%	0.510%
8	10.923	660	664	670	rBV	26546	48552	1.23%	0.232%
9	11.831	759	763	769	rVB	35290	67506	1.71%	0.323%
10	11.969	773	778	799	rBV	1386630	3042516	76.99%	14.549%
11	15.591	1166	1173	1202	rBV	1632419	3951793	100.00%	18.897%
12	20.864	1741	1748	1757	rBV	1765450	3786671	95.82%	18.108%
13	25.284	2223	2230	2257	rBV2	1532743	3517841	89.02%	16.822%
14	29.685	2705	2710	2717	rBV	59215	133308	3.37%	0.637%
15	29.795	2717	2722	2727	rVB	25095	53929	1.36%	0.258%
16	30.868	2834	2839	2844	rBV	33340	69313	1.75%	0.331%
17	31.804	2937	2941	2947	rBV	35269	82868	2.10%	0.396%
18	31.895	2947	2951	2963	rVB	85362	192046	4.86%	0.918%
19	32.886	3055	3059	3072	rVB	61105	152864	3.87%	0.731%
20	33.289	3096	3103	3119	rBV2	1132933	2675836	67.71%	12.796%
21	33.839	3158	3163	3180	rVB	55629	160341	4.06%	0.767%
22	34.756	3258	3263	3276	rBV	27023	82856	2.10%	0.396%
23	35.646	3355	3360	3372	rBV	17418	62076	1.57%	0.297%
24	37.397	3543	3551	3570	rBV2	806922	2348032	59.42%	11.228%

Sum of corrected areas: 20911838

22558.D NP072501.M Mon Oct 01 14:52:05 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Operator : GALOS
Acquired : 27 Sep 2001 1:02 pm using AcqMethod HP060501
Instrument : GC/MS Ins
Sample Name: gc/ms unknown <1 ml
Misc Info :
Vial Number: 2
Quant File :NP072501.RES (RTE Integrator)



22558.D NP072501.M Mon Oct 01 14:52:06 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

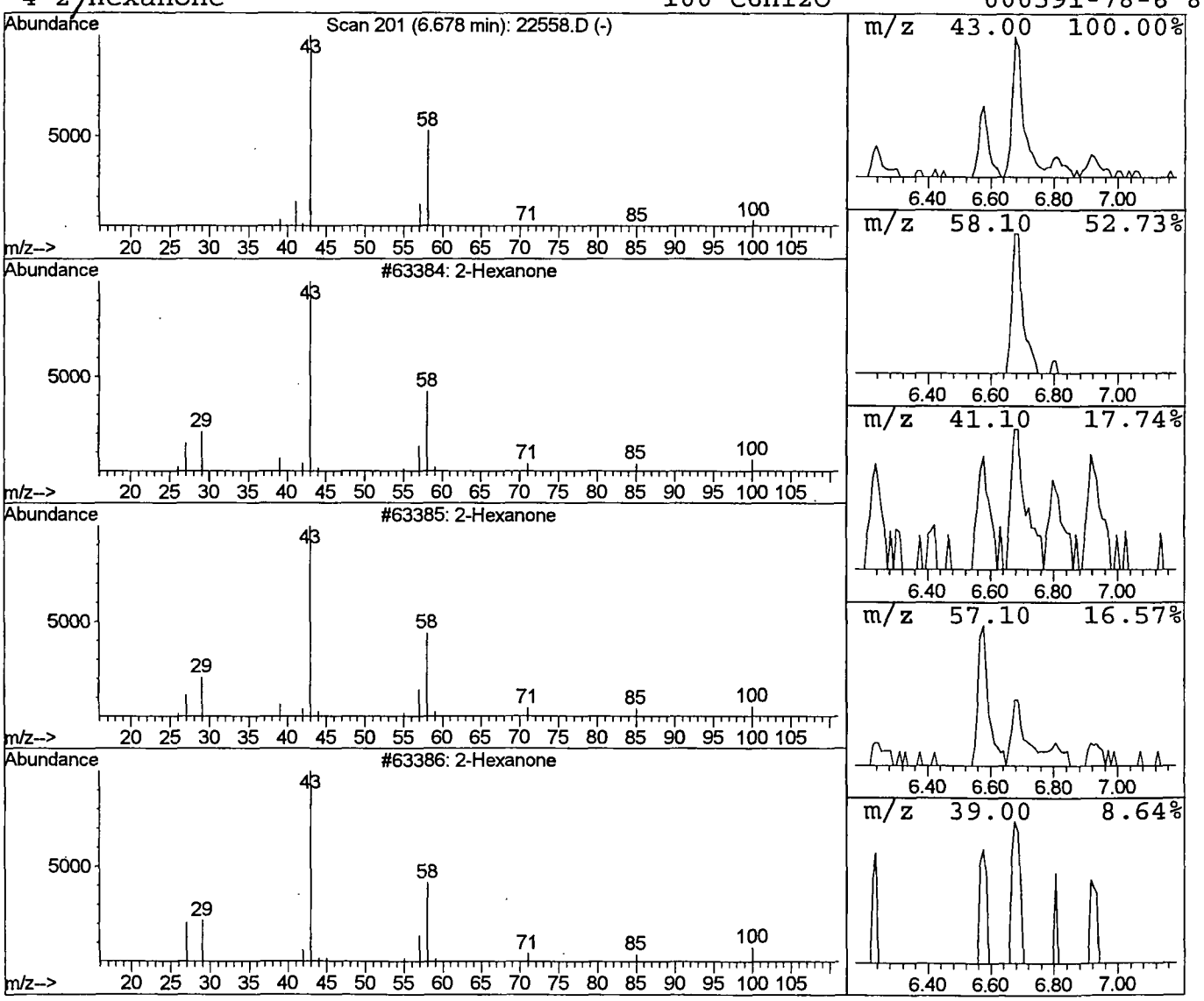
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	0.48 ng/uL	73668	1,4-Dichlorobenzene-d4	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
2	2-Hexanone	100	C6H12O	000591-78-6	90
3	2-Hexanone	100	C6H12O	000591-78-6	83
4	2-Hexanone	100	C6H12O	000591-78-6	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

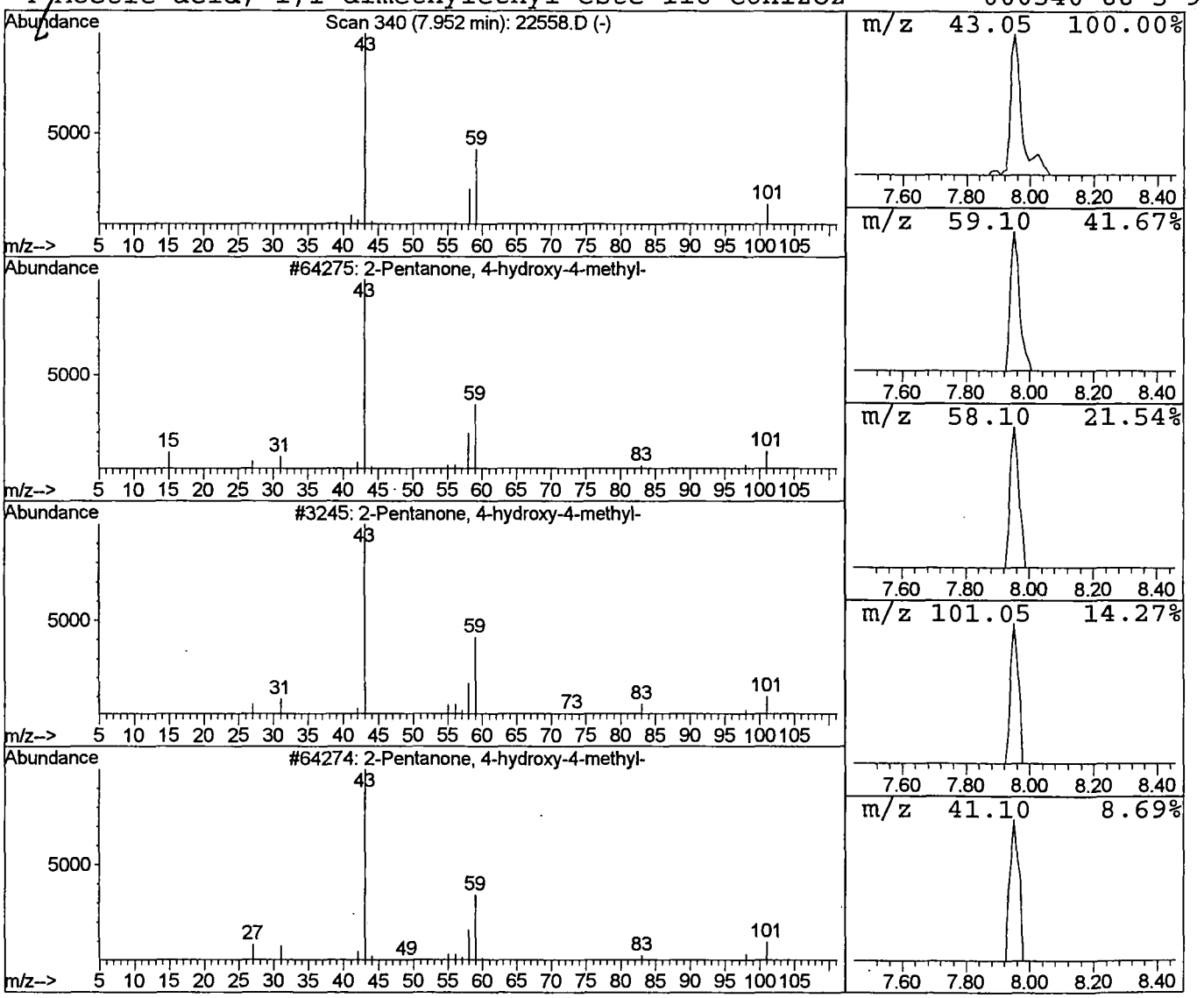
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	0.50 ng/uL	76593	1,4-Dichlorobenzene-d4	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

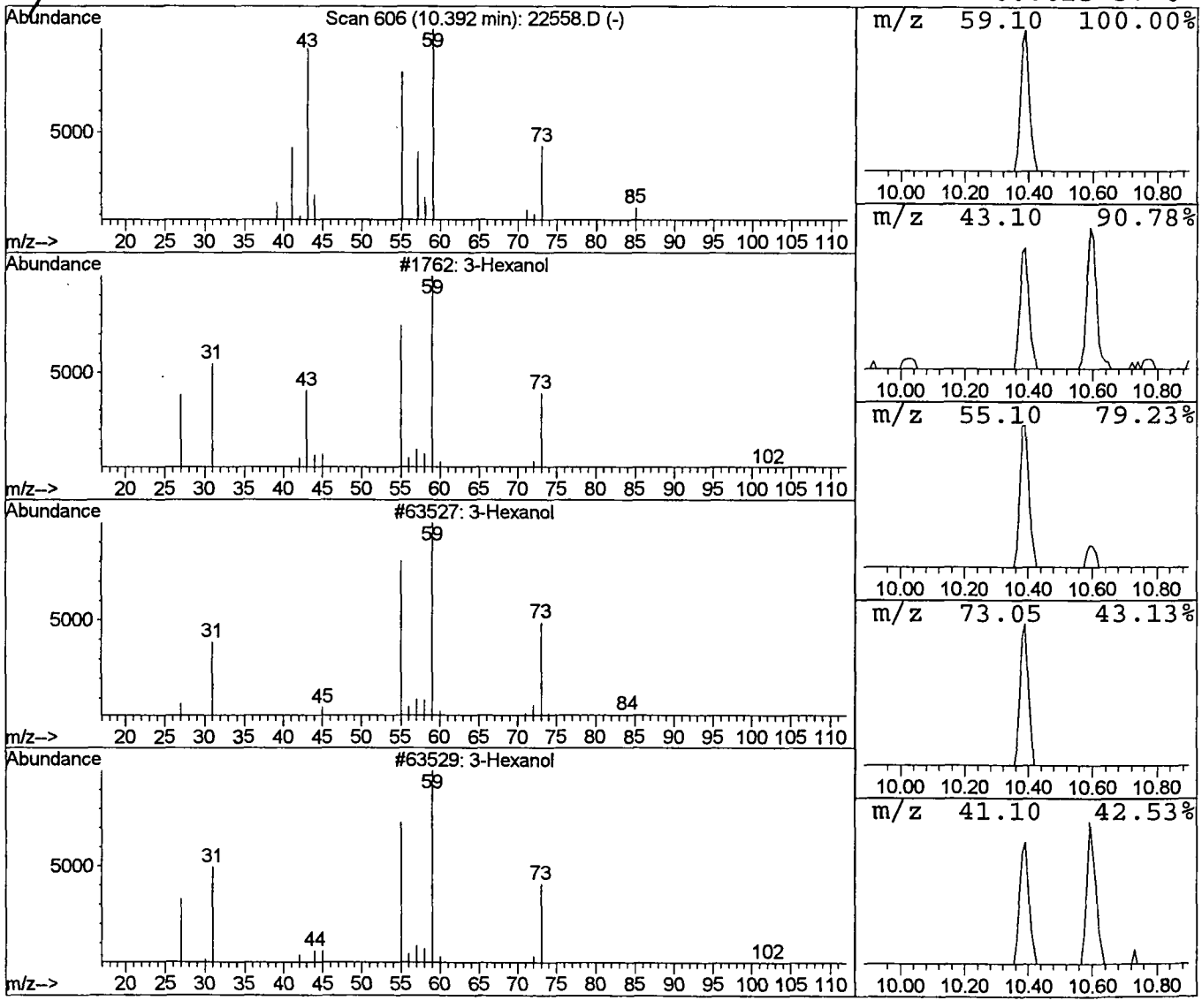
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol — Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	0.63 ng/uL	95874	1,4-Dichlorobenzene-d4	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	42
2	3-Hexanol	102	C6H14O	000623-37-0	40
3	3-Hexanol	102	C6H14O	000623-37-0	40
4	3-Hexanol	102	C6H14O	000623-37-0	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

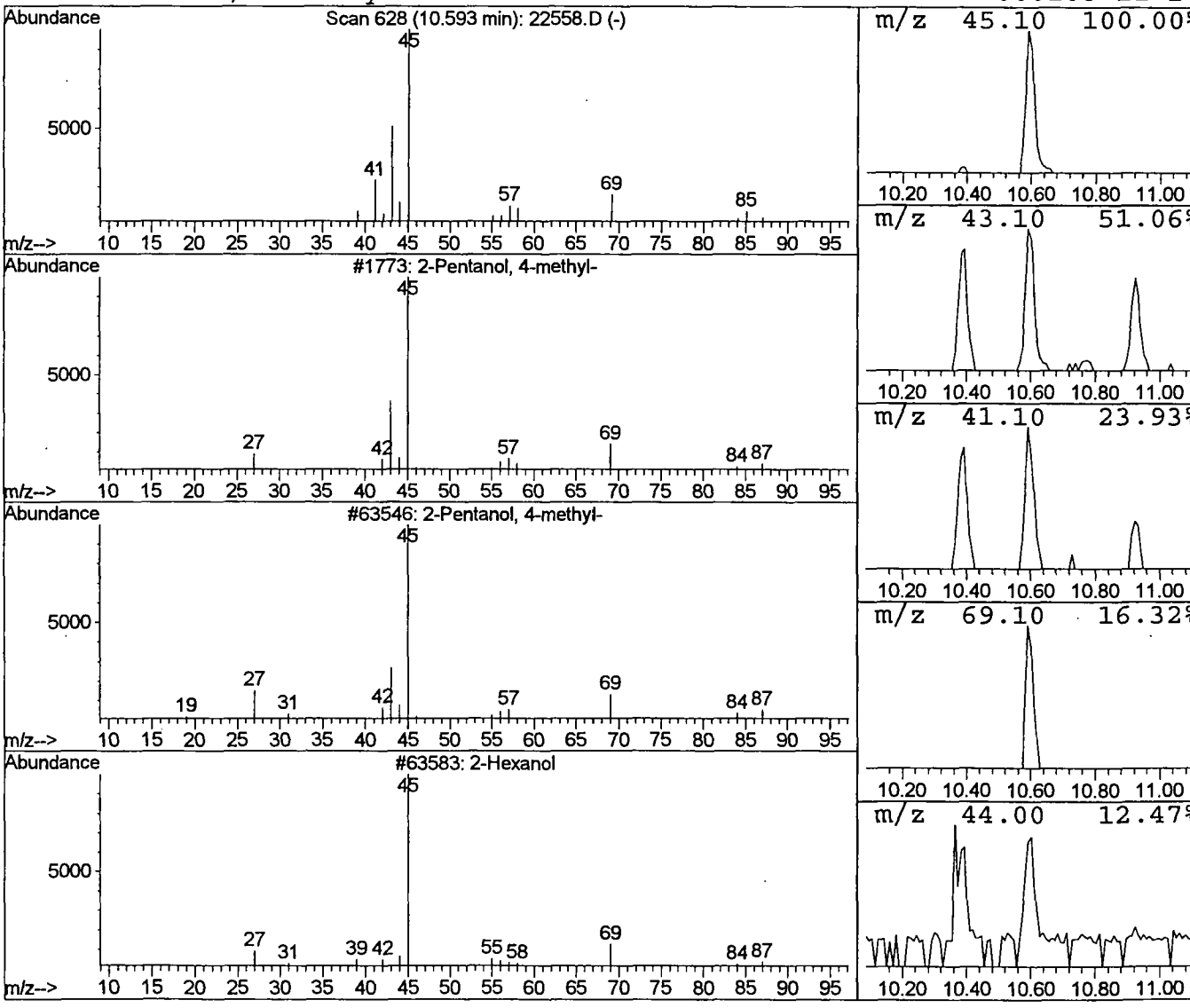
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Pentanol, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	0.70 ng/uL	106613	1,4-Dichlorobenzene-d4	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	72
3	2-Hexanol	102	C6H14O	000626-93-7	72
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

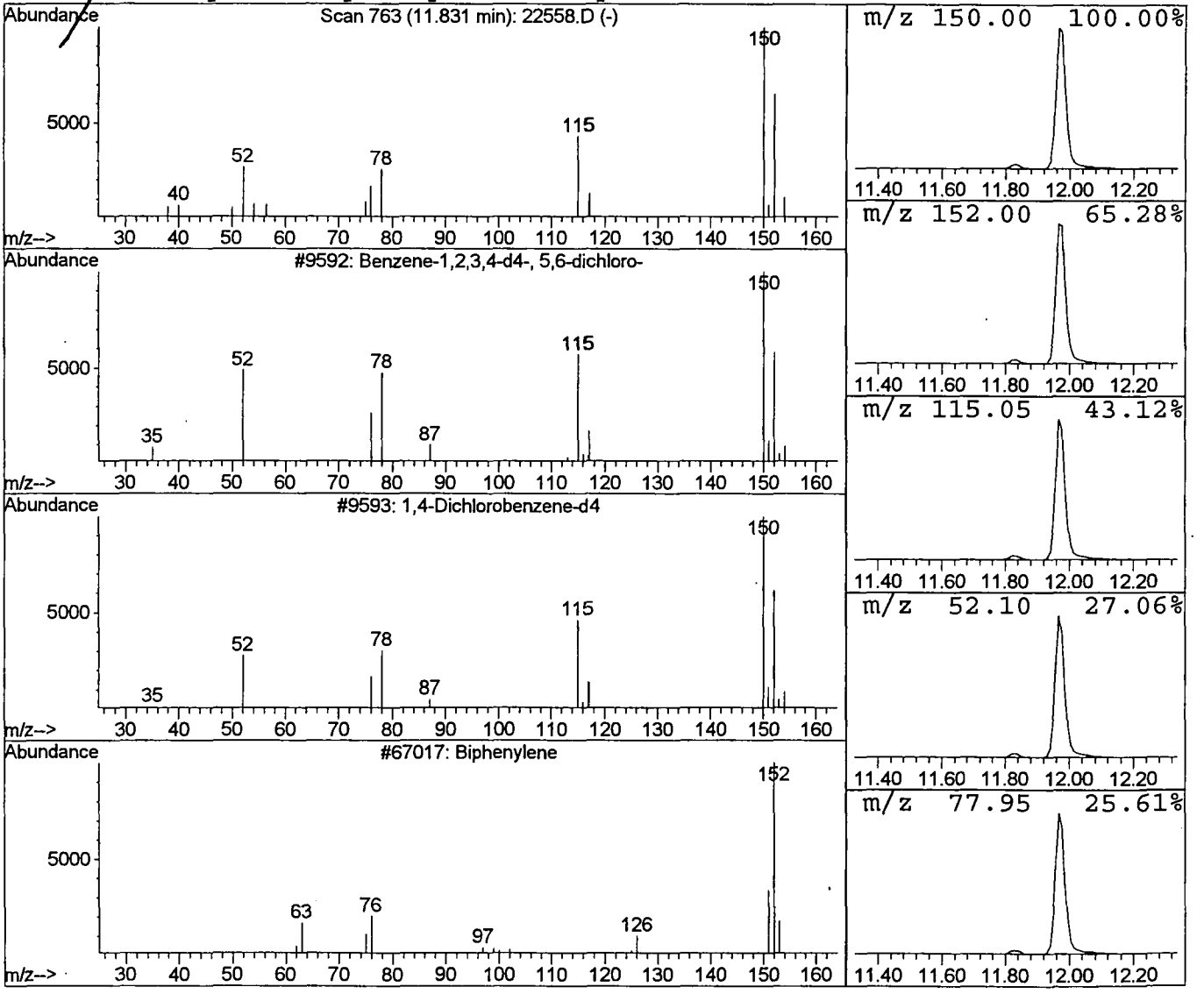
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Benzene-1,2,3,4-d4-, 5,6-dichl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	0.44 ng/uL	67506	1,4-Dichlorobenzene-d4	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	45
2	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	36
3	Biphenylene	152	C12H8	000259-79-0	9
4	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D Vial: 2
Acq On : 27 Sep 2001 1:02 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

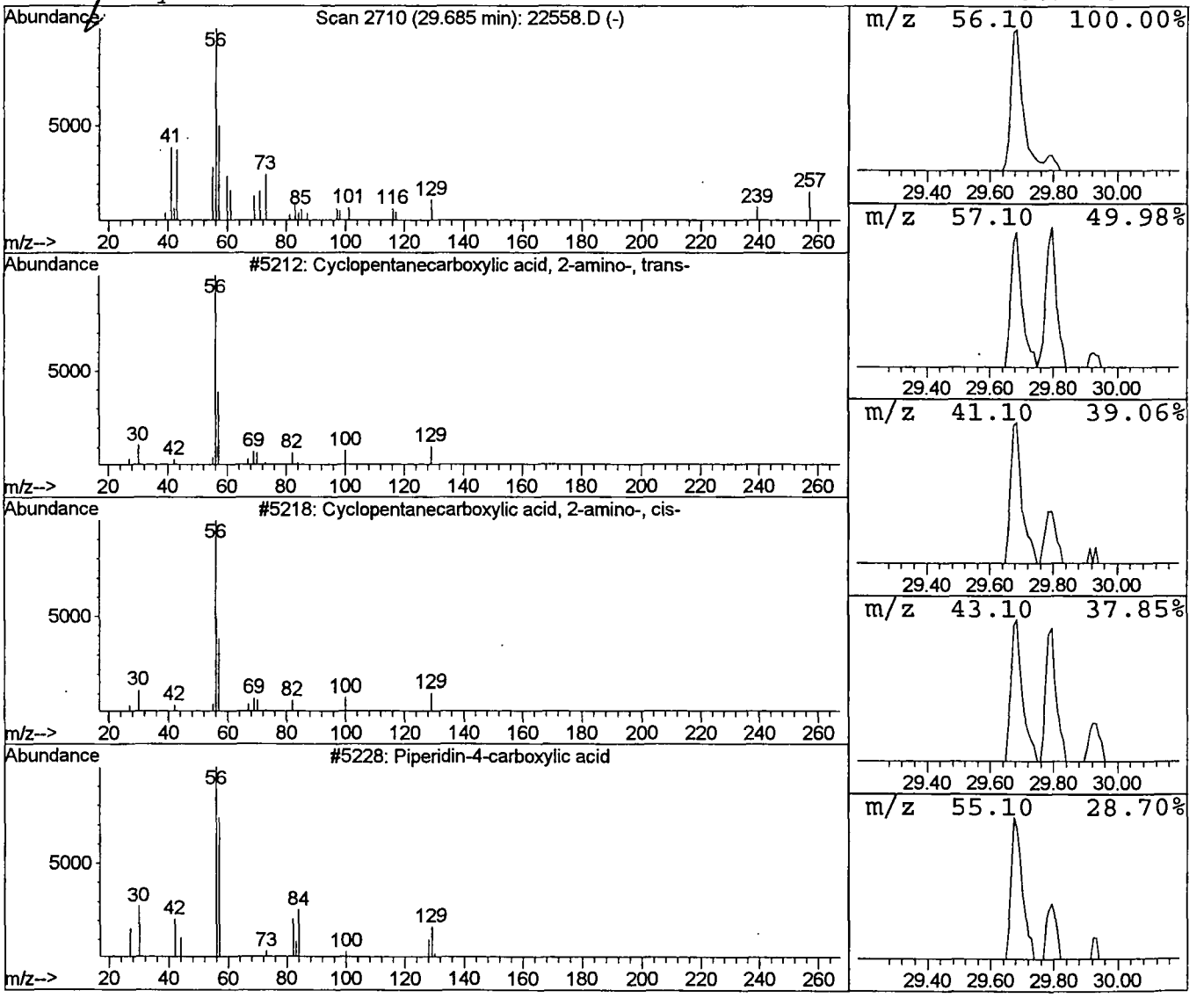
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Cyclopentanecarboxylic acid, 2 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.69	1.00 ng/uL	133308	Chrysene-d12	33.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	040482-05-1	37
2	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	037910-65-9	37
3	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	25
4	2-Methyl-N-1-tridecene	196	C14H28	018094-01-4	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

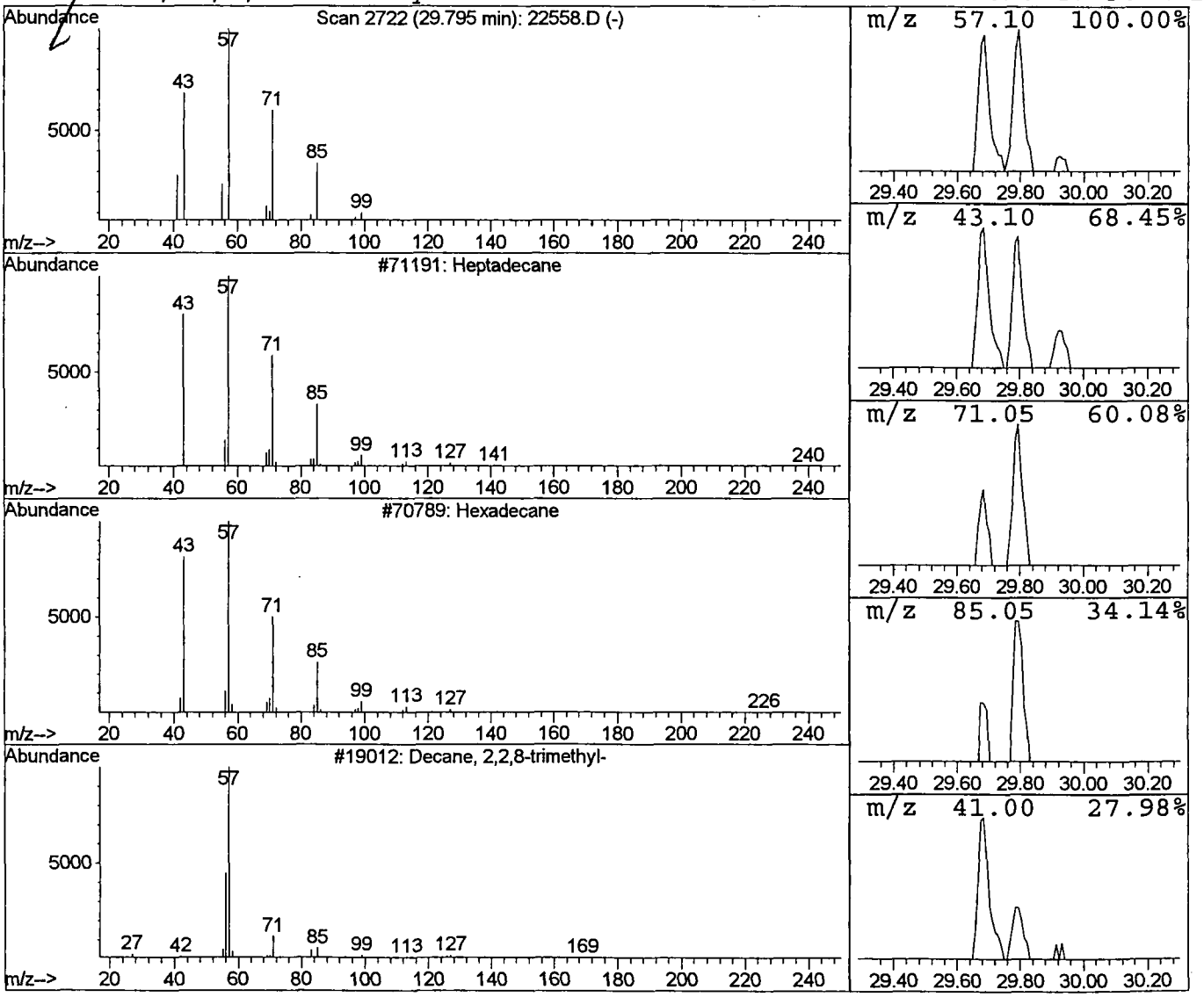
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Heptadecane — Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.80	0.40 ng/uL	53929	Chrysene-d12	33.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	74
2	Hexadecane	226	C16H34	000544-76-3	43
3	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	39
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

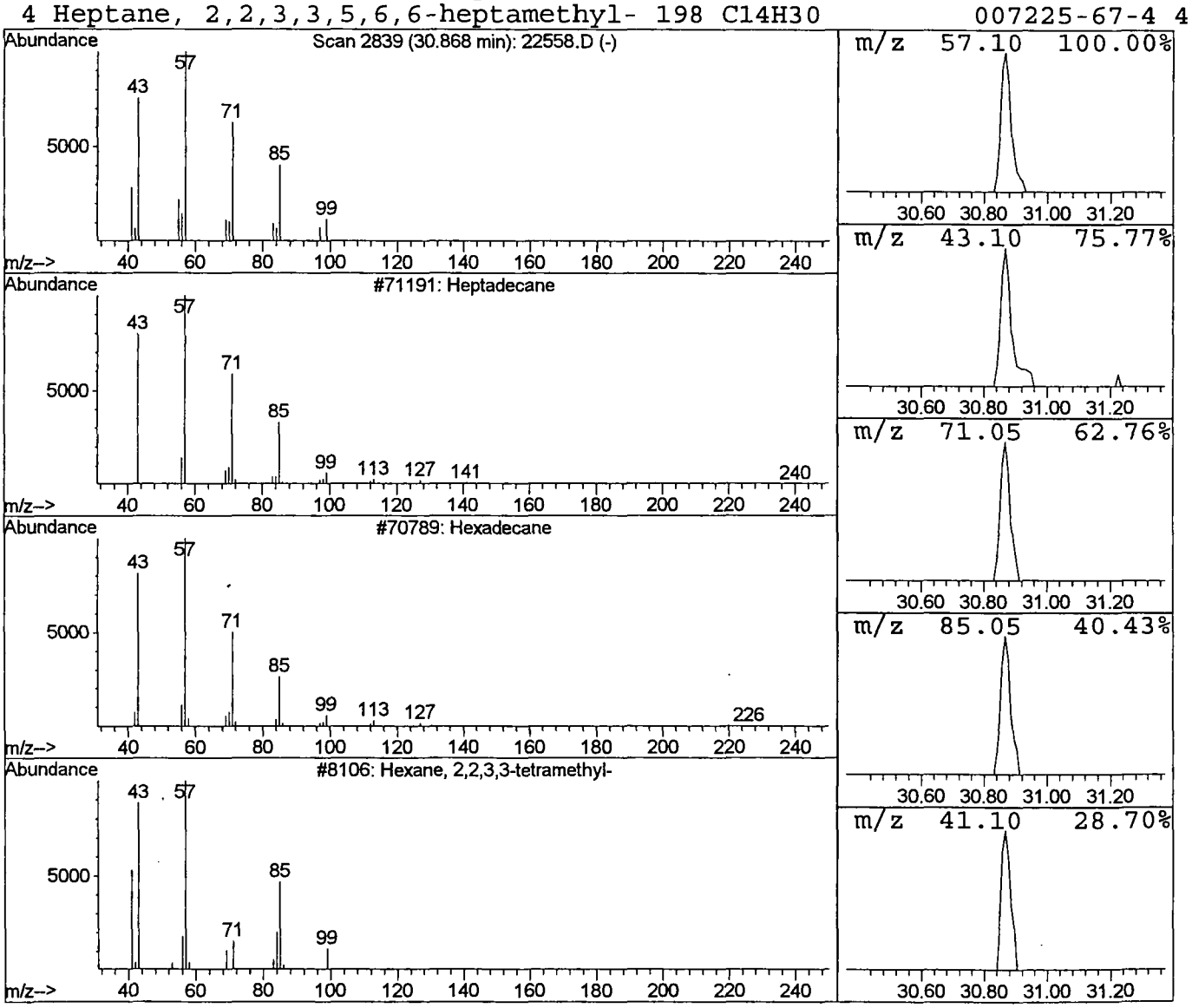
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Heptadecane — Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.87	0.52 ng/uL	69313	Chrysene-d12	33.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Hexadecane	226	C16H34	000544-76-3	53
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
4	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

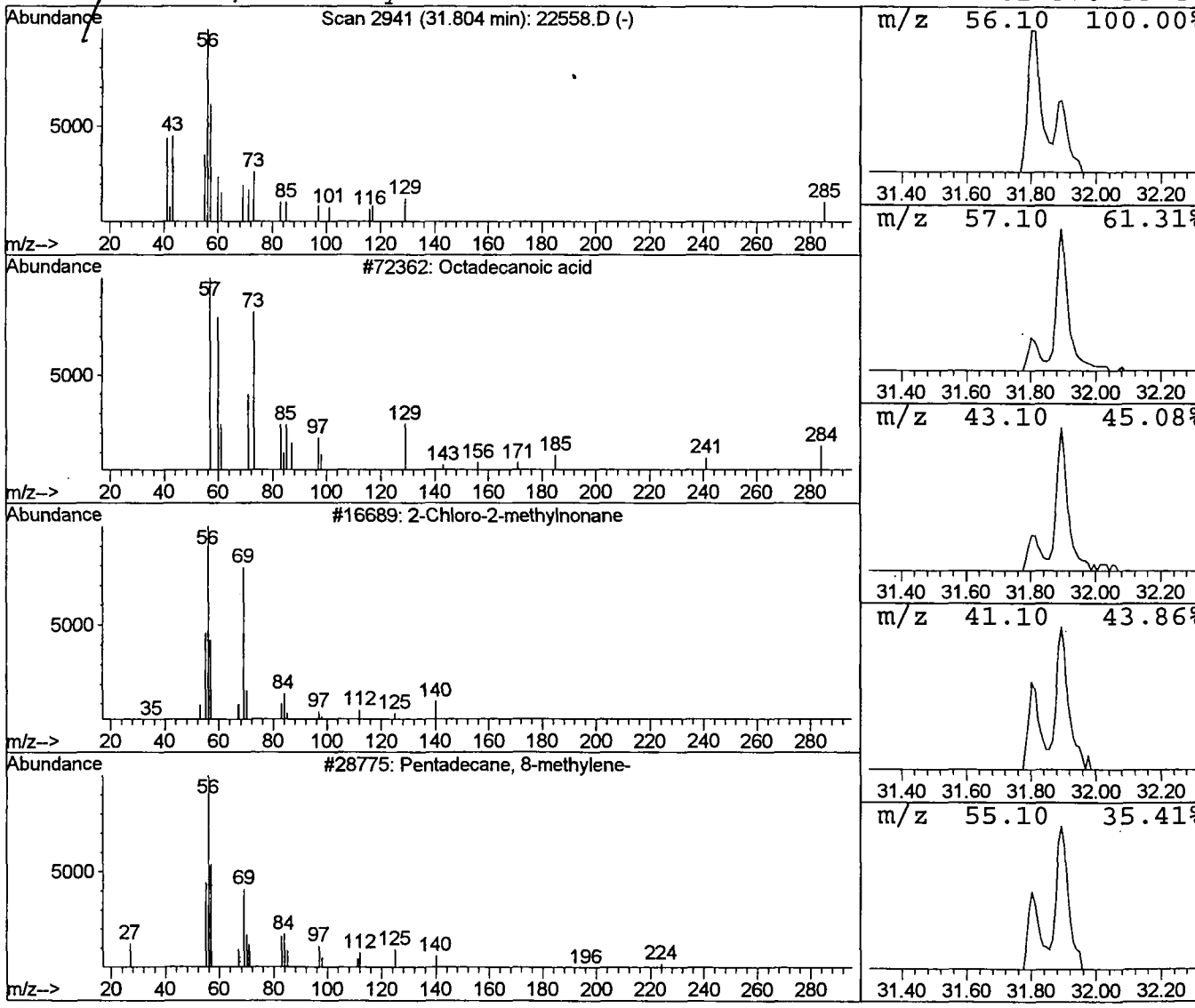
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.80	0.62 ng/uL	82868	Chrysene-d12	33.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	27
2	2-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	25
3	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	25
4	1-Undecene, 10-methyl-	168	C12H24	022370-55-4	23



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

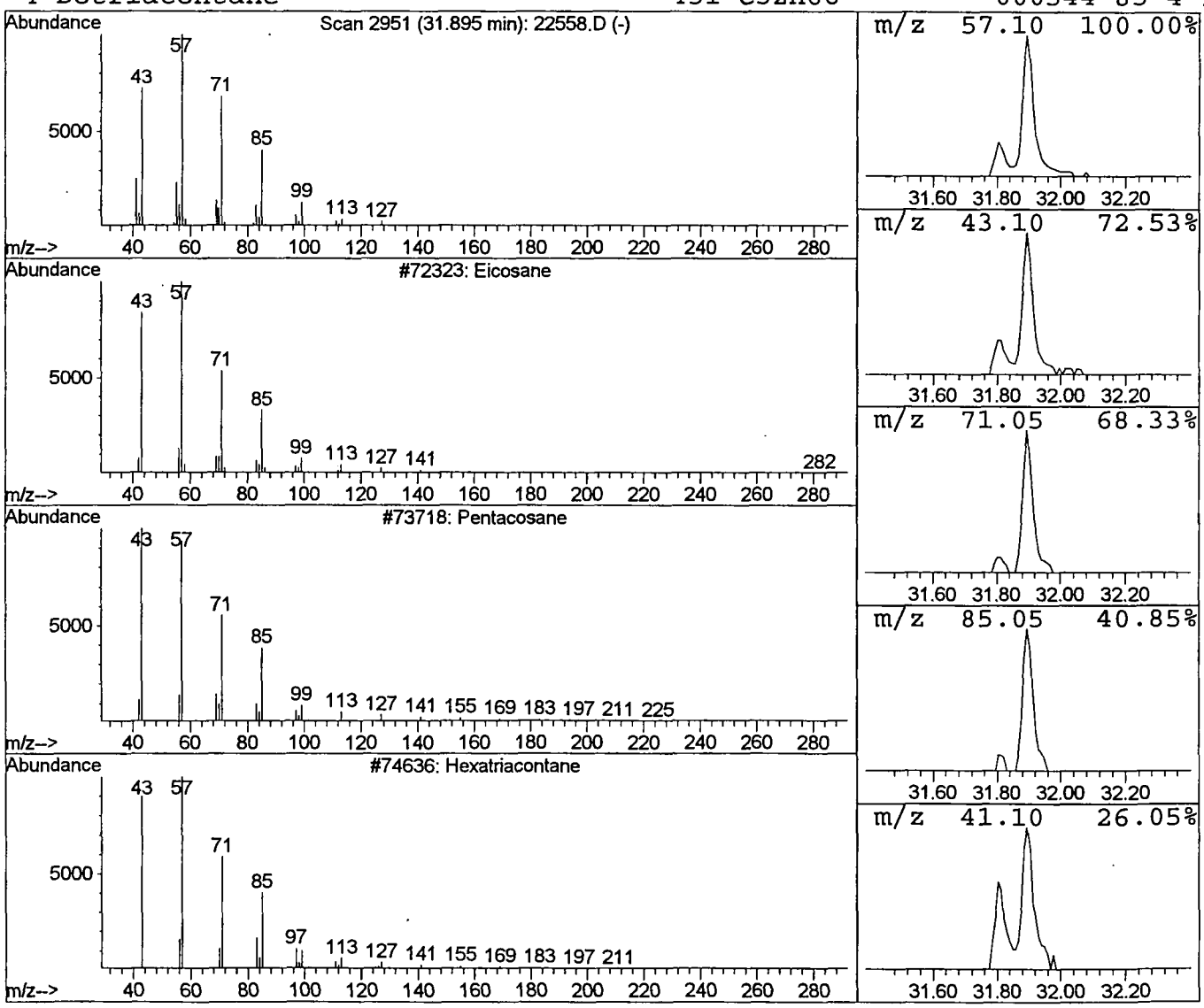
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.90	1.44 ng/uL	192046	Chrysene-d12	33.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentacosane	352	C25H52	000629-99-2	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Dotriacontane	451	C32H66	000544-85-4	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

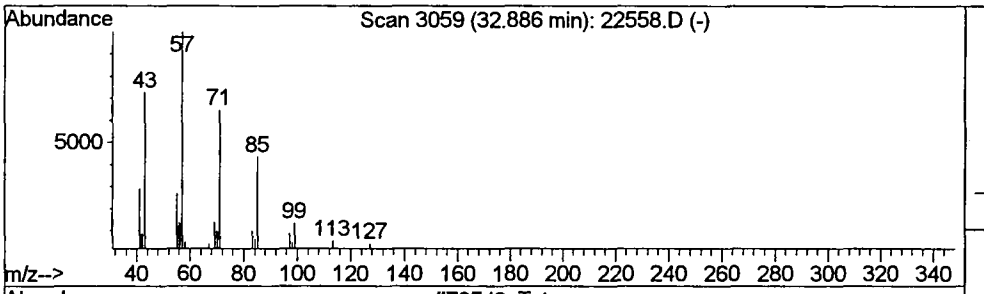
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

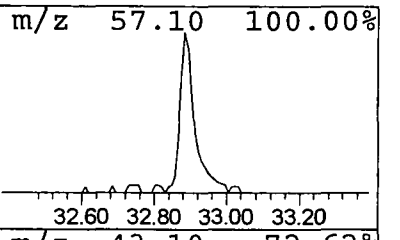
****

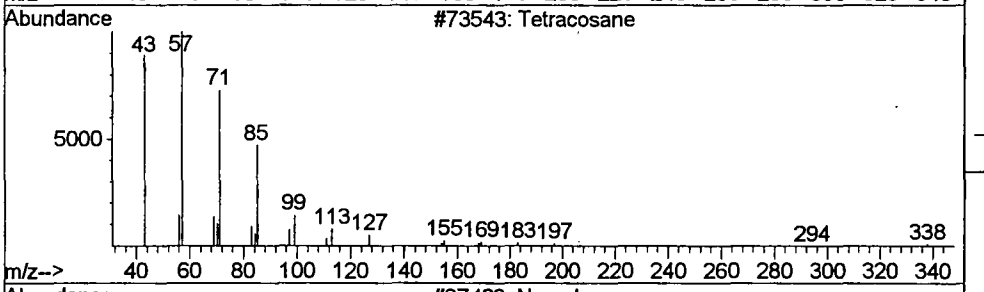
Peak Number 11 Tetracosane Concentration Rank 3

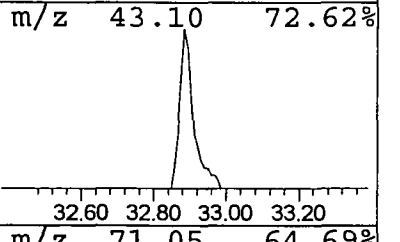
R.T.	EstConc	Area	Relative to ISTD	R.T.
32.89	1.14 ng/uL	152864	Chrysene-d12	33.29

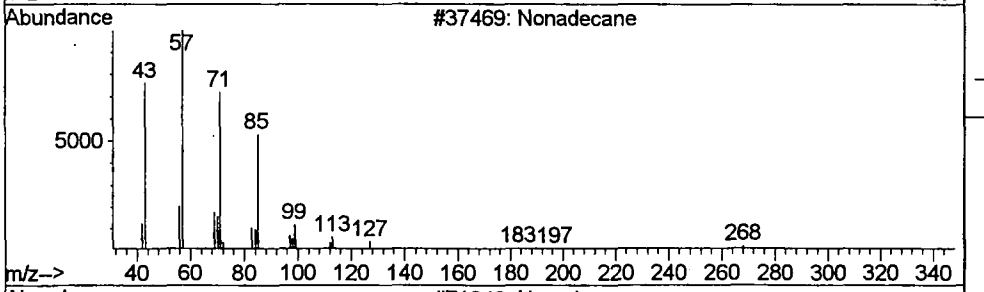
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Pentadecane	212	C15H32	000629-62-9	86

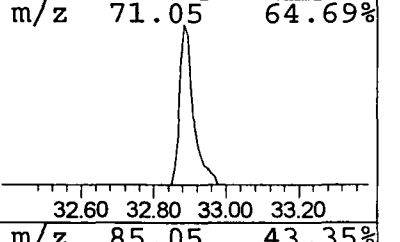


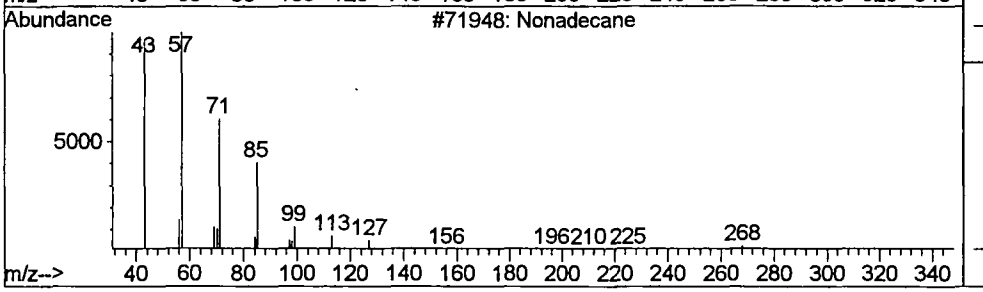


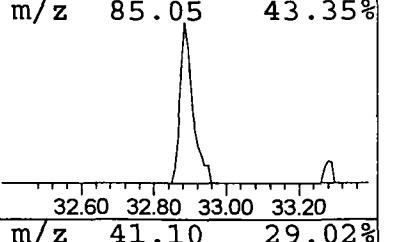


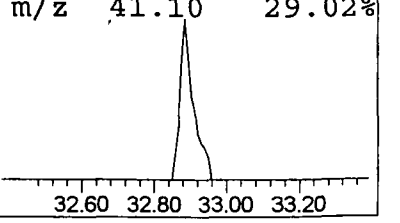












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D Vial: 2
Acq On : 27 Sep 2001 1:02 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

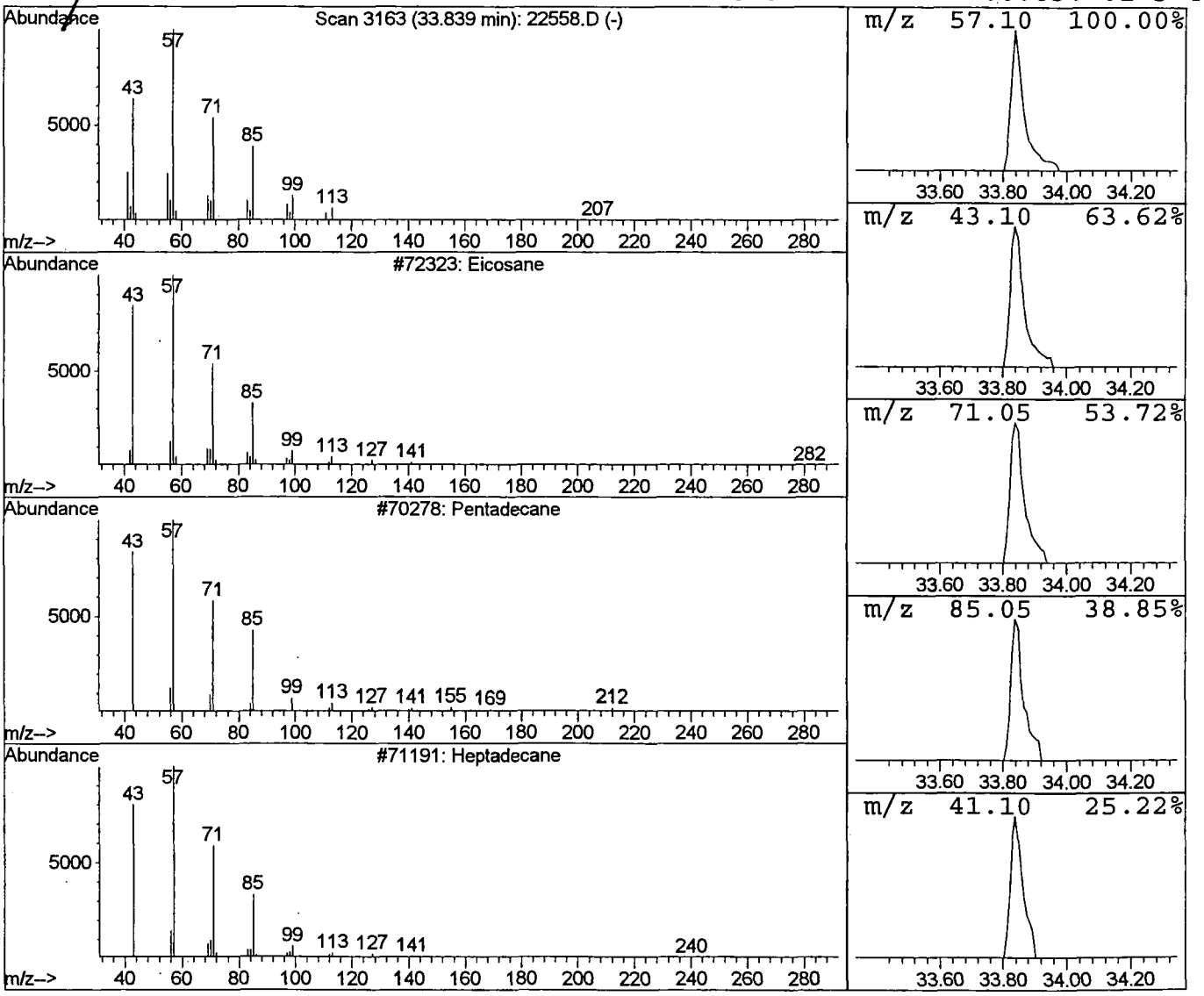
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 12 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.84	1.20 ng/uL	160341	Chrysene-d12	33.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	72
2	Pentadecane	212	C15H32	000629-62-9	64
3	Heptadecane	240	C17H36	000629-78-7	53
4	Hexacosane	366	C26H54	000630-01-3	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D
Acq On : 27 Sep 2001 1:02 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

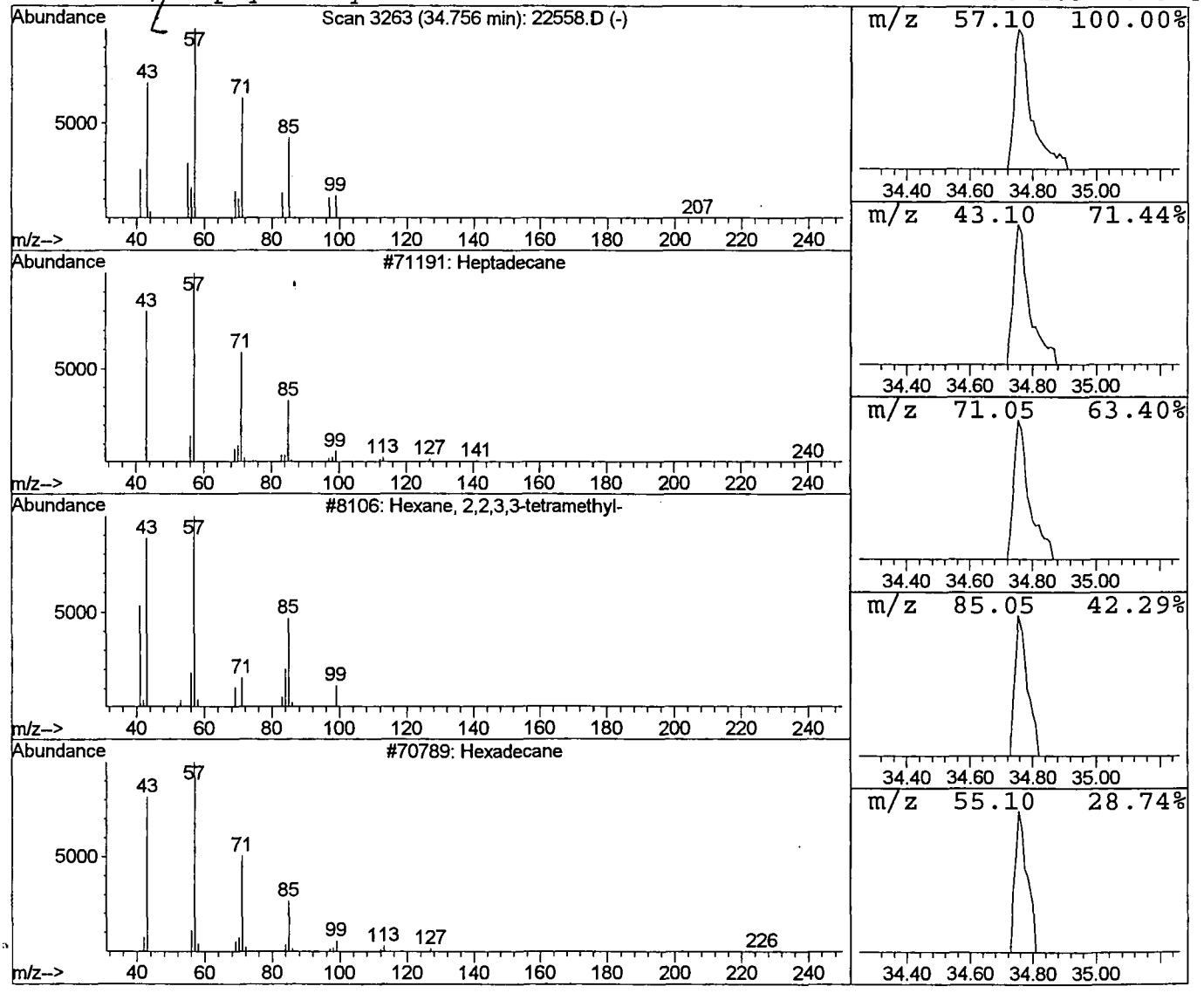
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 13 Heptadecane — Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.76	0.62 ng/uL	82856	Chrysene-d12	33.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	78
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
3	Hexadecane	226	C16H34	000544-76-3	38
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22558.D Vial: 2
Acq On : 27 Sep 2001 1:02 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

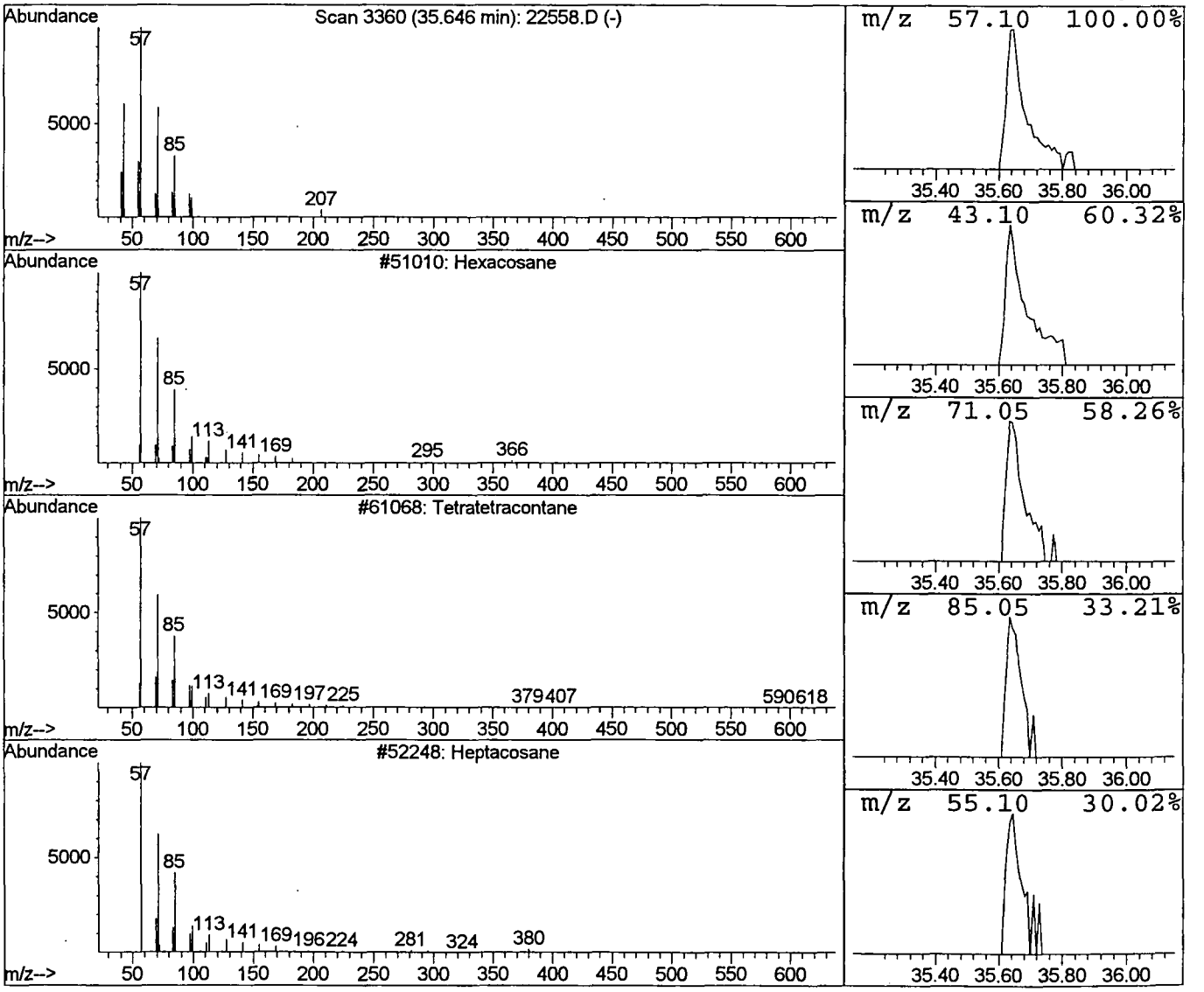
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

Peak Number 14 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.65	0.53 ng/uL	62076	Perylene-d12	37.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tetratriacontane	479	C34H70	014167-59-0	72



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 27 Sep 2001 1:02 pm
Data File: C:\HPCHEM\1\DATA\SEP2701\22558.D
Name: gc/ms unknown <1 ml
Misc:
Method: C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title: 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Hexanone	6.68	0.5	ng/uL	73668	ISTD01	11.97	3042520	20.0
2-Pentanone, 4-hydro	7.95	0.5	ng/uL	76593	ISTD01	11.97	3042520	20.0
3-Hexanol	10.39	0.6	ng/uL	95874	ISTD01	11.97	3042520	20.0
2-Pentanol, 4-methyl	10.59	0.7	ng/uL	106613	ISTD01	11.97	3042520	20.0
Benzene-1,2,3,4-d4-,	11.83	0.4	ng/uL	67506	ISTD01	11.97	3042520	20.0
Cyclopentanecarboxyl	29.69	1.0	ng/uL	133308	ISTD05	33.29	2675840	20.0
Heptadecane	29.80	0.4	ng/uL	53929	ISTD05	33.29	2675840	20.0
Heptadecane	30.87	0.5	ng/uL	69313	ISTD05	33.29	2675840	20.0
Octadecanoic acid	31.80	0.6	ng/uL	82868	ISTD05	33.29	2675840	20.0
Eicosane	31.90	1.4	ng/uL	192046	ISTD05	33.29	2675840	20.0
Tetracosane	32.89	1.1	ng/uL	152864	ISTD05	33.29	2675840	20.0
Eicosane	33.84	1.2	ng/uL	160341	ISTD05	33.29	2675840	20.0
Heptadecane	34.76	0.6	ng/uL	82856	ISTD05	33.29	2675840	20.0
Hexacosane	35.65	0.5	ng/uL	62076	ISTD06	37.40	2348030	20.0

22558.D NP072501.M Mon Oct 01 14:52:45 2001