User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/11/2001 Time: 09:09:26

Sample: AD22754
Analysis: $GCMS GC/MS Scan For Unknowns
Started: 10/11/01 09:08 Ended: 10/11/01 09:08 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD22754 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-11-2001 Time: 09:12:39

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2801\22754.D Vial: 19
Acq On : 29 Sep 2001 6:05 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 1 11:13 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	11.78	152	454988	20.00	ug/l	-0.13
19) Naphthalene-d8	15.40	136	1773209	20.00	ug/l	-0.13
31) Acenaphthene-d10	20.69	164	832627	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.11	188	1193475	20.00	ug/l	-0.13
59) Chrysene-d12	33.15	240	867335	20.00	ug/l	-0.13
68) Perylene-d12	37.28	264	632138	20.00	ug/l	-0.14
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	11.79	132	193	0.01	ug/l	0.38
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.31	152	4665	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	1726	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	30.01	244	375	0.01	ug/l	-0.13
Spiked Amount 50.000			Recovery =	0.02%		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
8) Phenol	0.00	94	0	N.D.		
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
10) 2-Chlorophenol	0.00	128	0	N.D.		
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) 2-Methylphenol	0.00	108	0	N.D.		
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		
17) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
18) Hexachloroethane	0.00	117	0	N.D.		
21) Nitrobenzene	0.00	77	0	N.D.		
22) Isophorone	0.00	82	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2801\22754.D Vial: 19
Acq On : 29 Sep 2001 6:05 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
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MS Integration Params: RTEINT.P
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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	22.18	149	365	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	0.00	178	0	N.D.	
56)	Anthracene	25.11	178	127	N.D.	
57)	Di-n-butylphthalate	27.11	149	3583	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	2036	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.42	149	7352	N.D.	
67)	Chrysene	33.16	228	2036	N.D.	
69)	Di-n-Octylphthalate	35.16	149	342	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\SEP2801\22754.D Vial: 19
Acq On : 29 Sep 2001 6:05 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 1 11:13 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

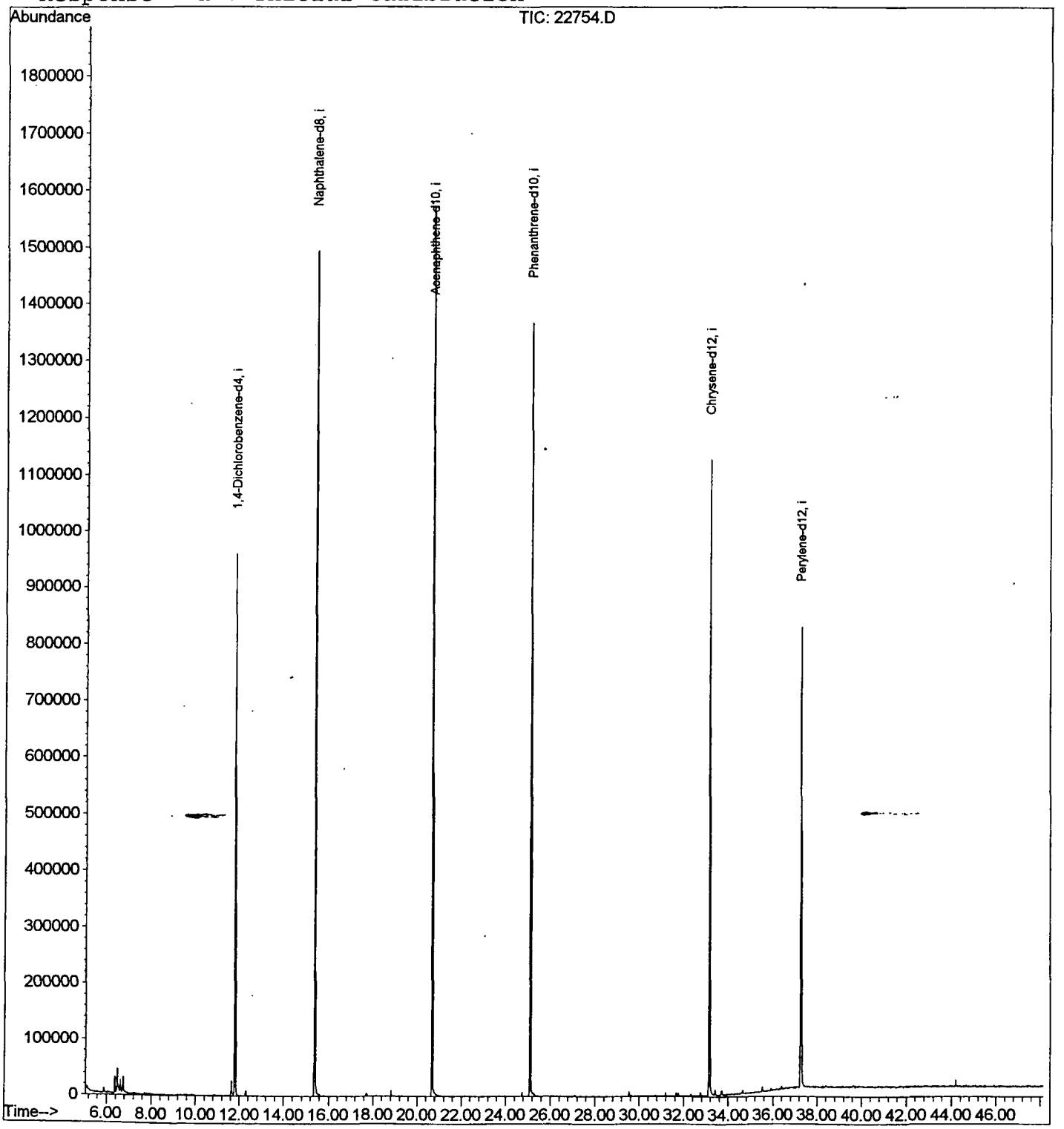
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.09	252	391	N.D.	
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22754.D Vial: 19
Acq On : 29 Sep 2001 6:05 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 1 11:13 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22754.D Vial: 19
Acq On : 29 Sep 2001 6:05 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

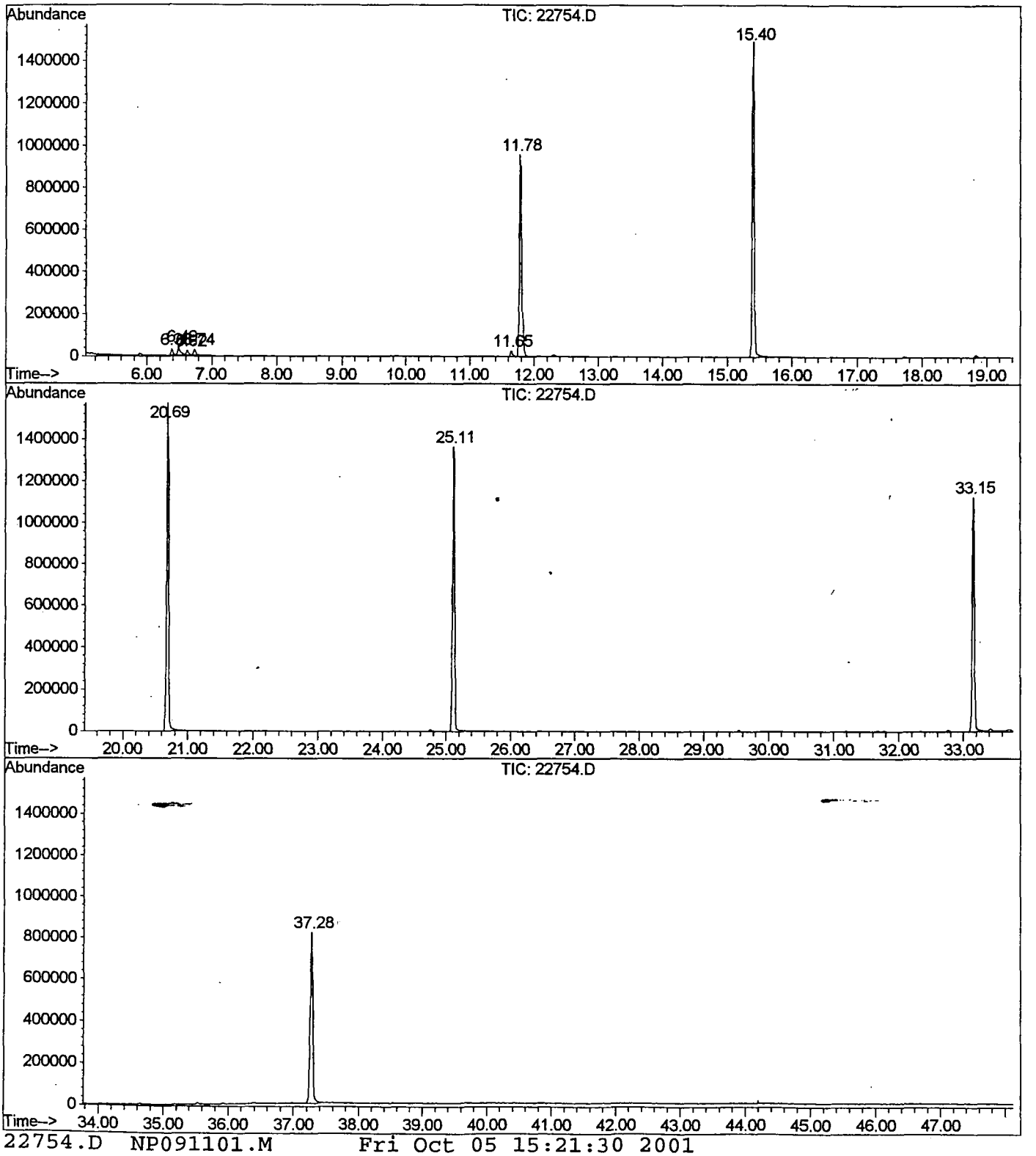
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.385	142	146	152	rBV	29044	59447	1.78%	0.342%
2	6.486	154	157	168	rVV	42588	117409	3.52%	0.675%
3	6.623	169	172	179	rVV	23125	52259	1.57%	0.301%
4	6.743	181	185	198	rVB	27488	66305	1.99%	0.381%
5	11.645	715	719	729	rBV	26391	60696	1.82%	0.349%
6	11.783	729	734	750	rBV	958753	2356526	70.63%	13.555%
7	15.400	1122	1128	1145	rBV	1491995	3221615	96.56%	18.532%
8	20.688	1697	1704	1721	rBV	1571530	3336414	100.00%	19.192%
9	25.113	2179	2186	2199	rBV2	1365802	3103698	93.02%	17.853%
10	33.155	3055	3062	3076	rBV2	1125664	2687047	80.54%	15.457%
11	37.276	3502	3511	3526	rBV2	815994	2323047	69.63%	13.363%

Sum of corrected areas: 17384463

22754.D NP091101.M Fri Oct 05 15:21:28 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2801\22754.D
Operator : 209 GALOS
Acquired : 29 Sep 2001 6:05 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 19
Quant File :NP091101.RES (RTE Integrator)



22754.D NP091101.M Fri Oct 05 15:21:30 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22754.D
Acq On : 29 Sep 2001 6:05 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

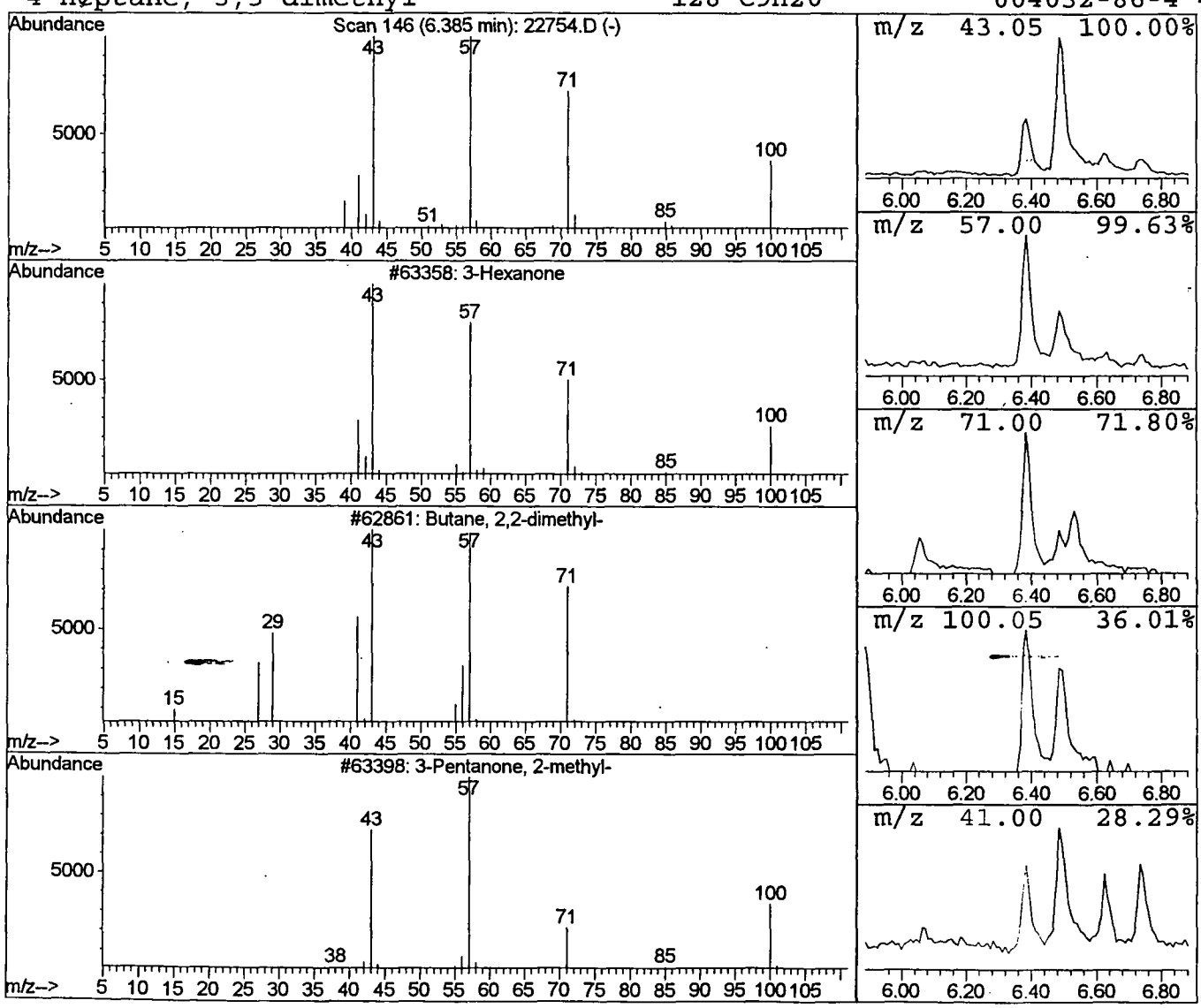
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.50 ug/l	59447	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	86
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	59
4	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22754.D
Acq On : 29 Sep 2001 6:05 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

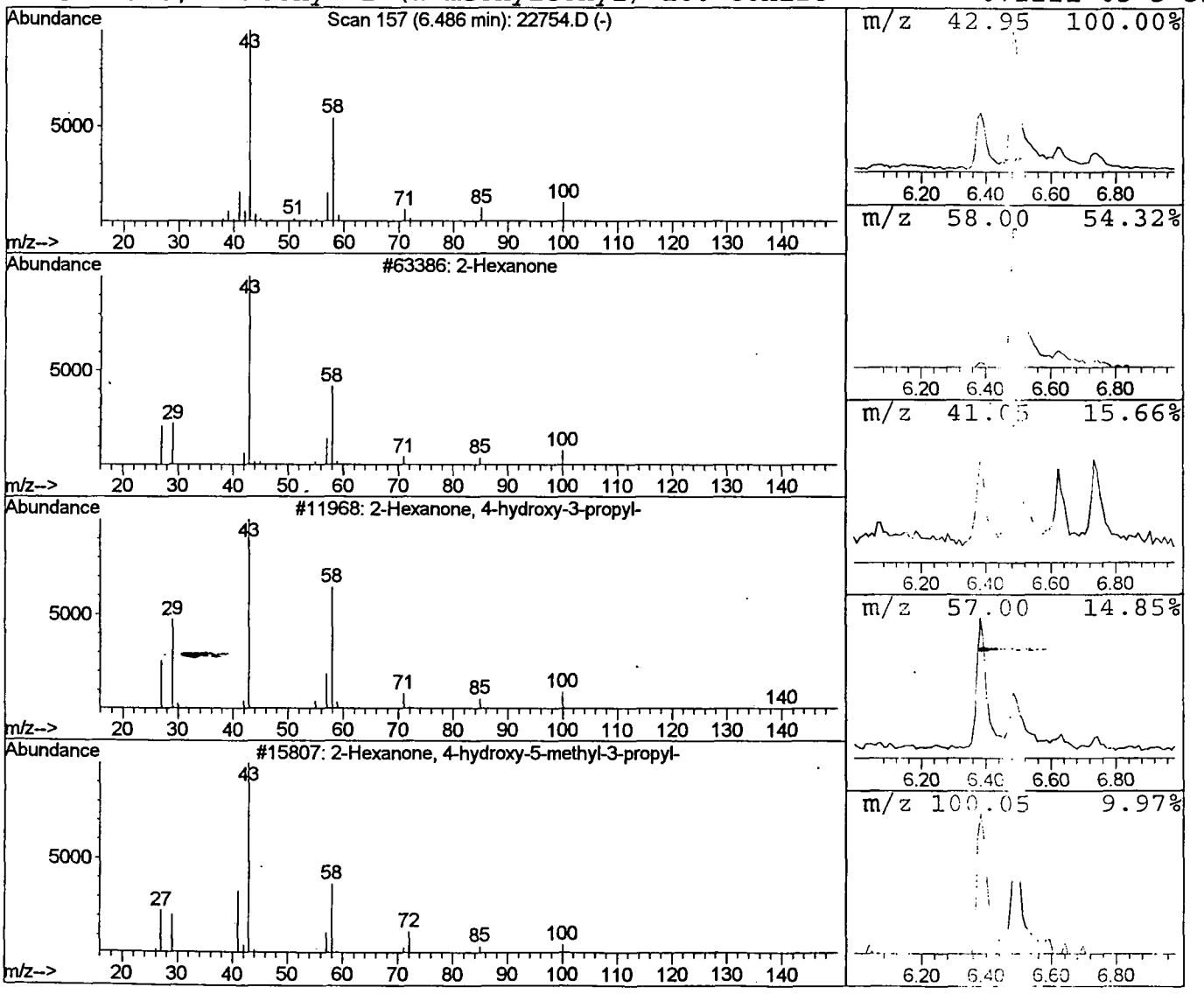
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	1.00 ug/l	117409	1,4-Dichlorobenzene-d4	11.78

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	83
3	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	74
4	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22754.D
Acq On : 29 Sep 2001 6:05 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

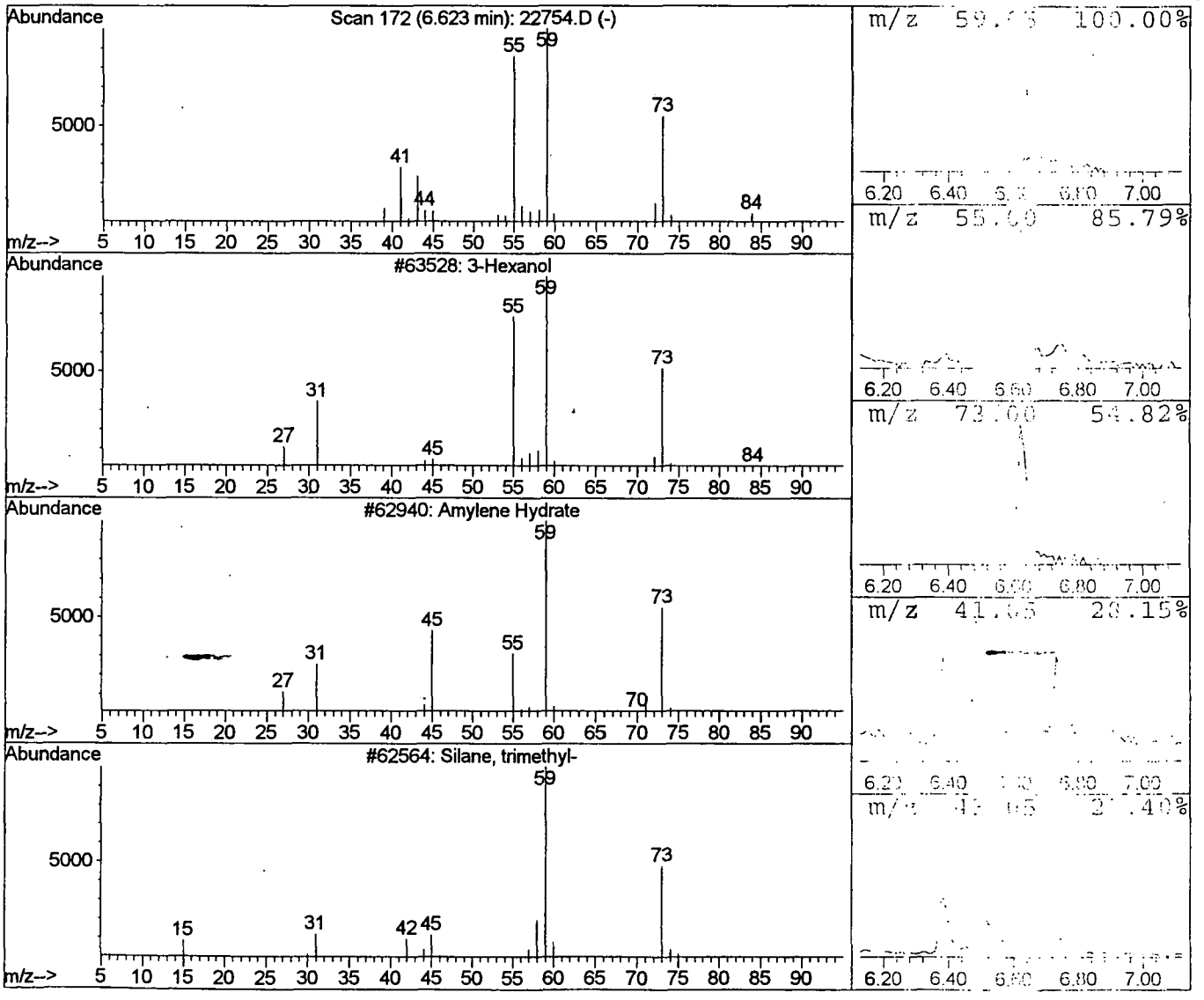
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	0.44 ug/l	52259	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	64
2	Amylene Hydrate	88	C5H12O	000075-85-4	38
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	33
4	3-Pentanol	88	C5H12O	000584-02-1	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22754.D
Acq On : 29 Sep 2001 6:05 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
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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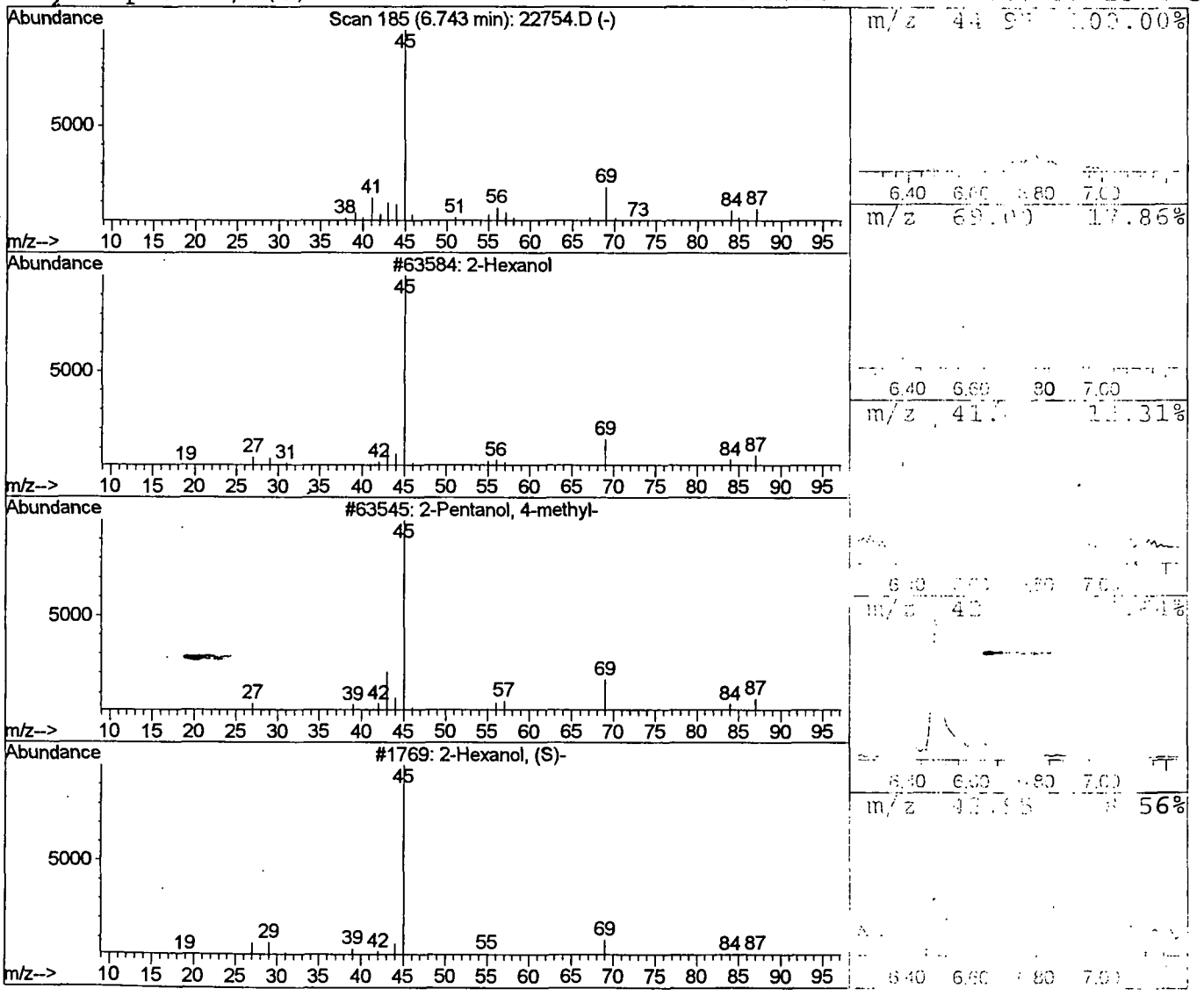
Peak Number 4 2-Hexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.56 ug/l	66305	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS #	Qual
1	2-Hexanol	102	C6H14O	626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	108-11-2	83
3	2-Hexanol, (S)-	102	C6H14O	26549-28-8	40
4	2-Heptanol, (S)-	116	C7H16O	99583-25-4	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22754.D
Acq On : 29 Sep 2001 6:05 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

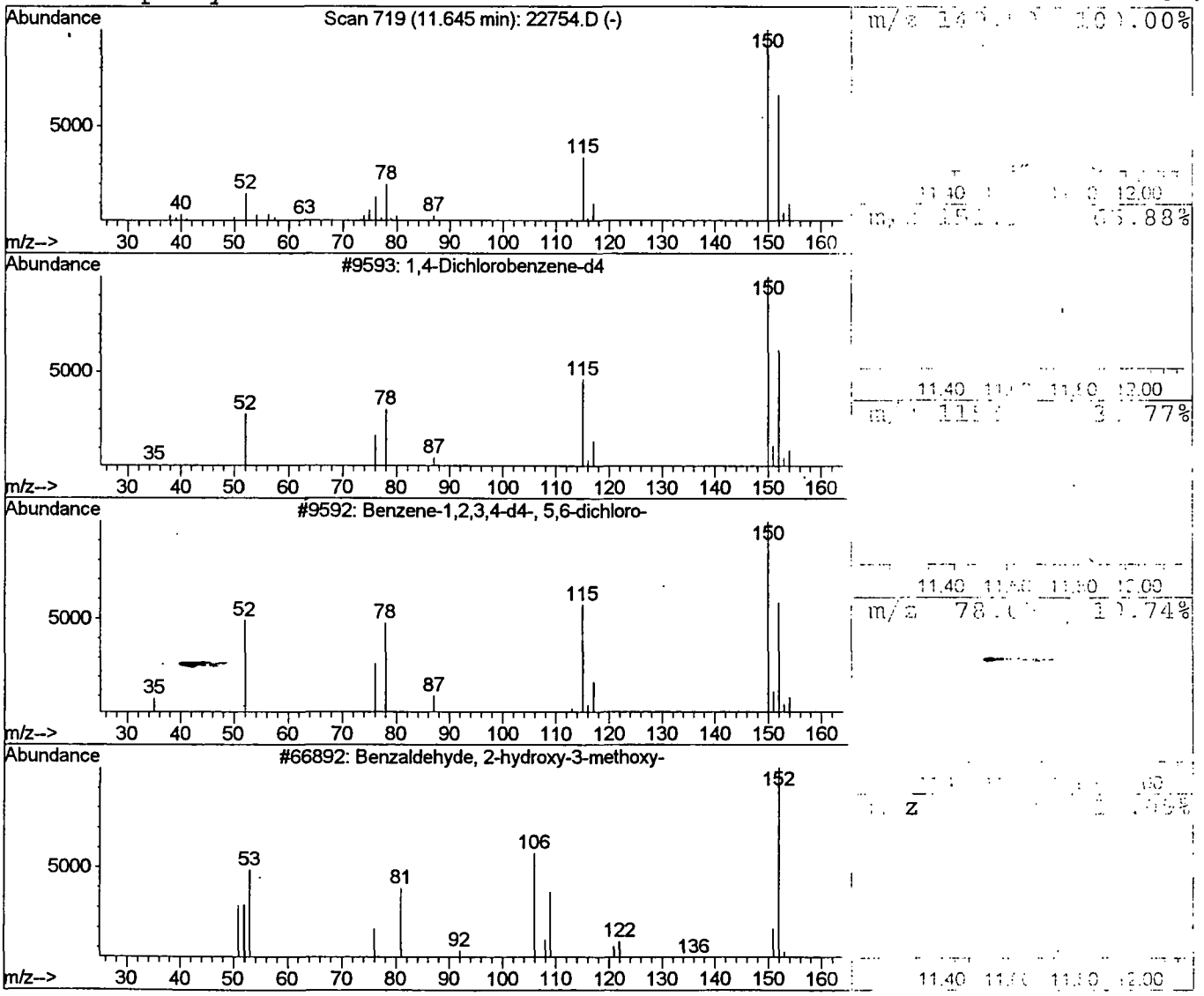
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to IST?	R.?
11.65	0.52 ug/l	60696	1,4-Dichlorobenzene-d4	1.1

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	003199-59-1	35
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	0[illegible]3148-53-8	10
4	Acenaphthylene	152	C12H8	0[illegible]208-96-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Sep 2001 8:05 am
Data File: C:\HPCHEM\1\DATA\SEP2801\22754.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	6.38	0.5	ug/l	59447	ISTD01	11.38	38465 0	20.0
2-Hexanone	6.49	1.0	ug/l	117409	ISTD01	11.38	38465 0	20.0
3-Hexanol	6.62	0.4	ug/l	52259	ISTD01	11.38	38465 0	20.0
2-Hexanol	6.74	0.6	ug/l	66305	ISTD01	11.38	38465 0	20.0
1,4-Dichlorobenzene-	11.65	0.5	ug/l	60696	ISTD01	11.38	38465 0	20.0

22754.D NP091101.M Fri Oct 05 15:21:43 2001