User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/11/2001 Time: 09:01:03

Sample: AD22657
Analysis: $GCMS GC/MS Scan For Unknowns
Started: 10/11/01 08:40 Ended: 10/11/01 08:40 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD22657 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-11-2001 Time: 09:01:15

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\22657.D Vial: 16
Acq On : 29 Sep 2001 3:09 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 11:04 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	497681	20.00	ug/l	-0.12
19) Naphthalene-d8	15.40	136	1946689	20.00	ug/l	-0.12
31) Acenaphthene-d10	20.69	164	918725	20.00	ug/l	-0.12
49) Phenanthrene-d10	25.12	188	1281308	20.00	ug/l	-0.12
59) Chrysene-d12	33.16	240	907512	20.00	ug/l	-0.12
68) Perylene-d12	37.28	264	707820	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	203	0.01	ug/l	0.37
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.30	152	5332	0.22	ug/l	-0.13
Spiked Amount 50.000			Recovery =	0.44%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.83	172	1995	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	5.18	79	180	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\22657.D Vial: 16
Acq On : 29 Sep 2001 3:09 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 11:04 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	20.95	165	101	N.D.	
45)	Diethylphthalate	22.19	149	334	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	25.13	178	152	N.D.	
56)	Anthracene	0.00	178	0	N.D.	
57)	Di-n-butylphthalate	27.11	149	2935	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	33.17	228	2259	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.42	149	4134	N.D.	
67)	Chrysene	33.17	228	2259	N.D.	
69)	Di-n-Octylphthalate	35.16	149	1234	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\22657.D Vial: 16
Acq On : 29 Sep 2001 3:09 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 11:04 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

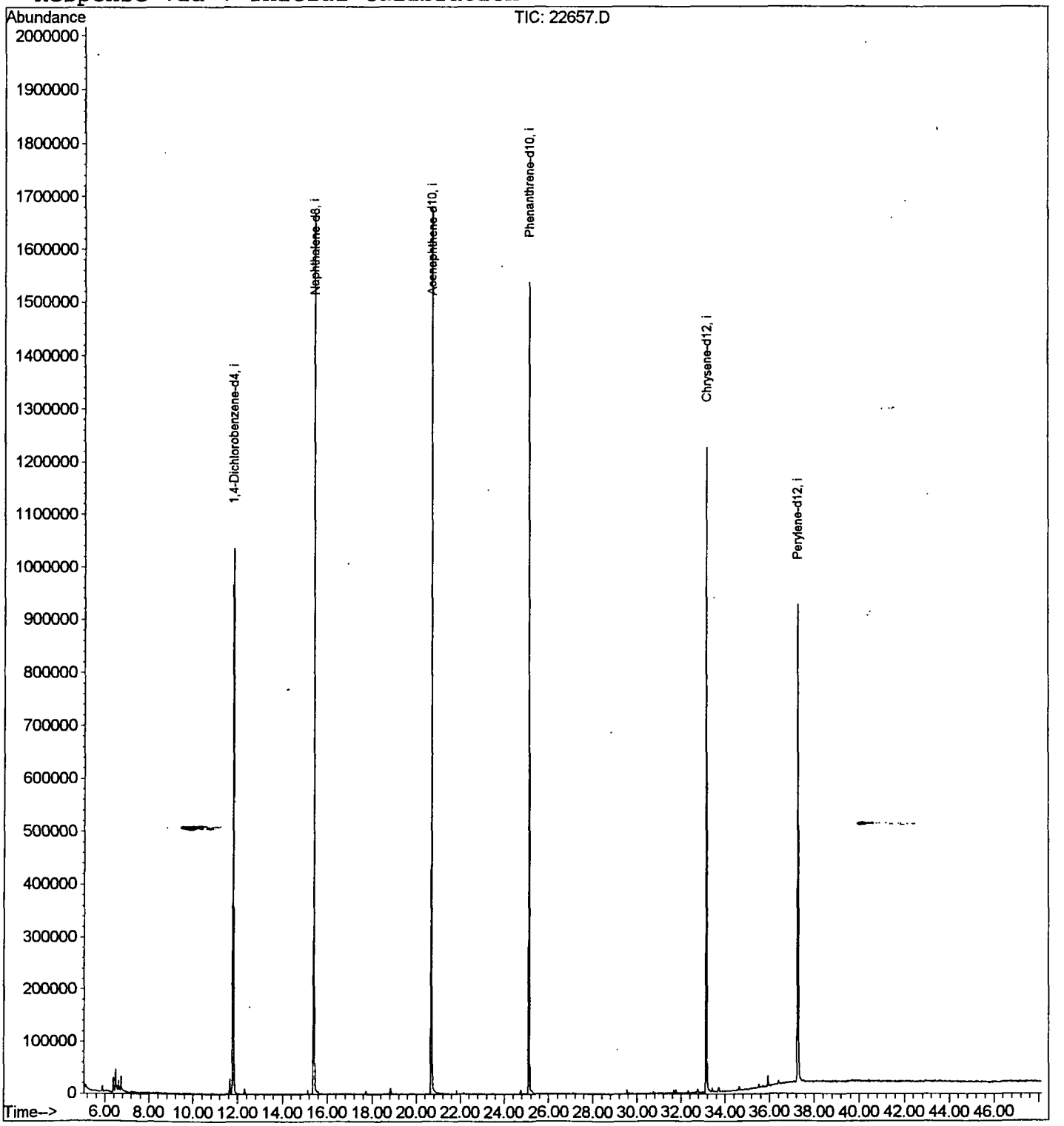
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.27	252	2601	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22657.D Vial: 16
Acq On : 29 Sep 2001 3:09 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 11:04 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\22657.D Vial: 16
Acq On : 29 Sep 2001 3:09 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

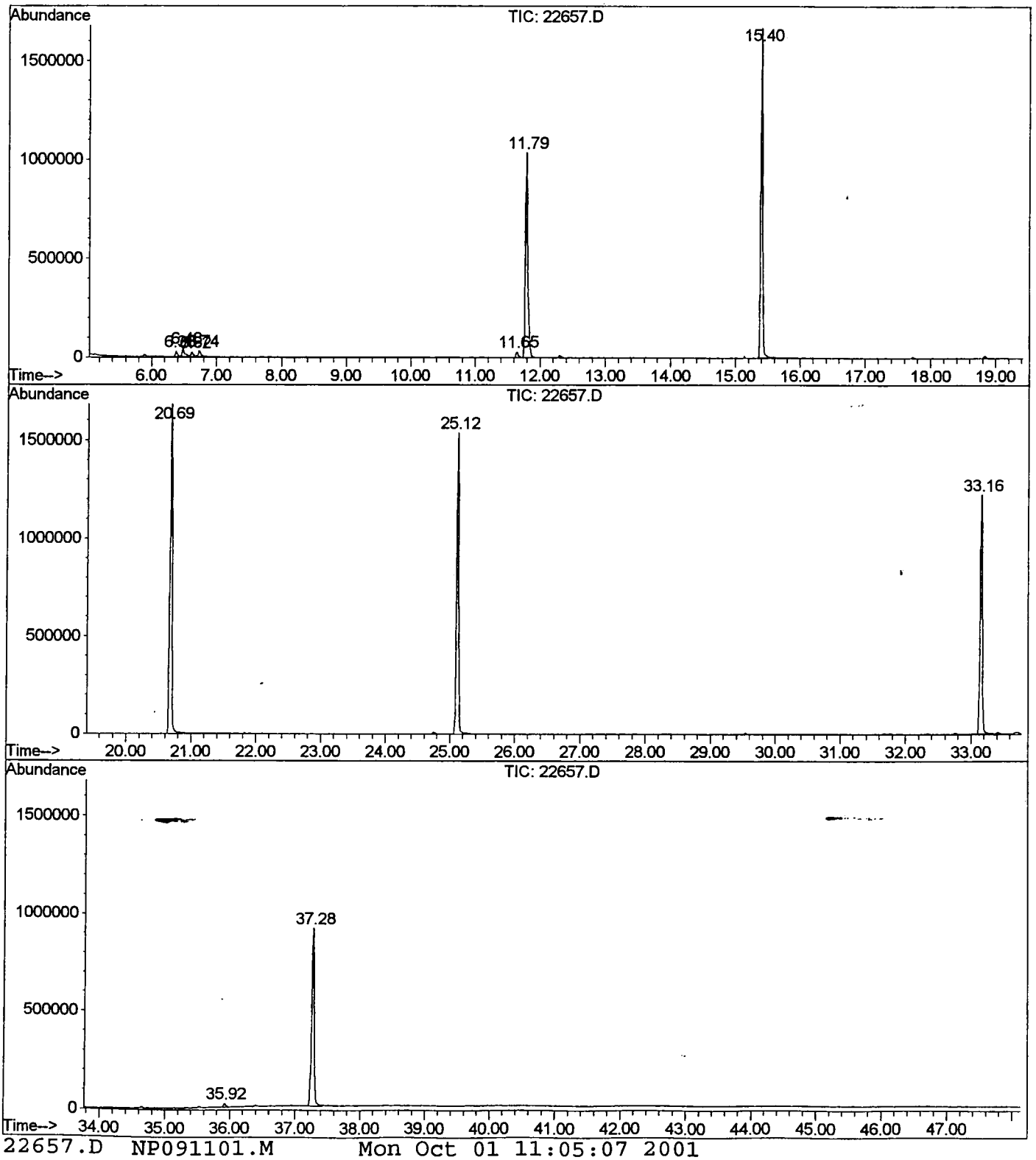
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.380	142	146	151	rBV	26790	50996	1.39%	0.270%
2	6.481	153	157	169	rVV	42719	113605	3.10%	0.601%
3	6.618	169	172	181	rVV	20811	53251	1.45%	0.282%
4	6.738	181	185	197	rVB	27774	67587	1.84%	0.357%
5	11.649	716	720	729	rBV	28261	69886	1.91%	0.369%
6	11.787	729	735	751	rVV	1033870	2586801	70.55%	13.676%
7	15.404	1123	1129	1146	rBV	1666501	3540418	96.55%	18.717%
8	20.692	1698	1705	1720	rBV	1679295	3666802	100.00%	19.385%
9	25.117	2180	2187	2196	rBV2	1535969	3319746	90.54%	17.550%
10	33.159	3056	3063	3072	rBV2	1222645	2815597	76.79%	14.885%
11	35.922	3360	3364	3372	rBV2	20317	47740	1.30%	0.252%
12	37.281	3503	3512	3528	rBV2	905568	2583134	70.45%	13.656%

Sum of corrected areas: 18915563

22657.D NP091101.M Mon Oct 01 11:05:04 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2801\22657.D
Operator : 209 GALOS
Acquired : 29 Sep 2001 3:09 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 16
Quant File :NP091101.RES (RTE Integrator)



22657.D NP091101.M Mon Oct 01 11:05:07 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Sep 2001 3:09 am
Data File: C:\HPCHEM\1\DATA\SEP2801\22657.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

22657.D NP091101.M Mon Oct 01 11:05:08 2001

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22657.D Vial: 16
Acq On : 29 Sep 2001 3:09 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

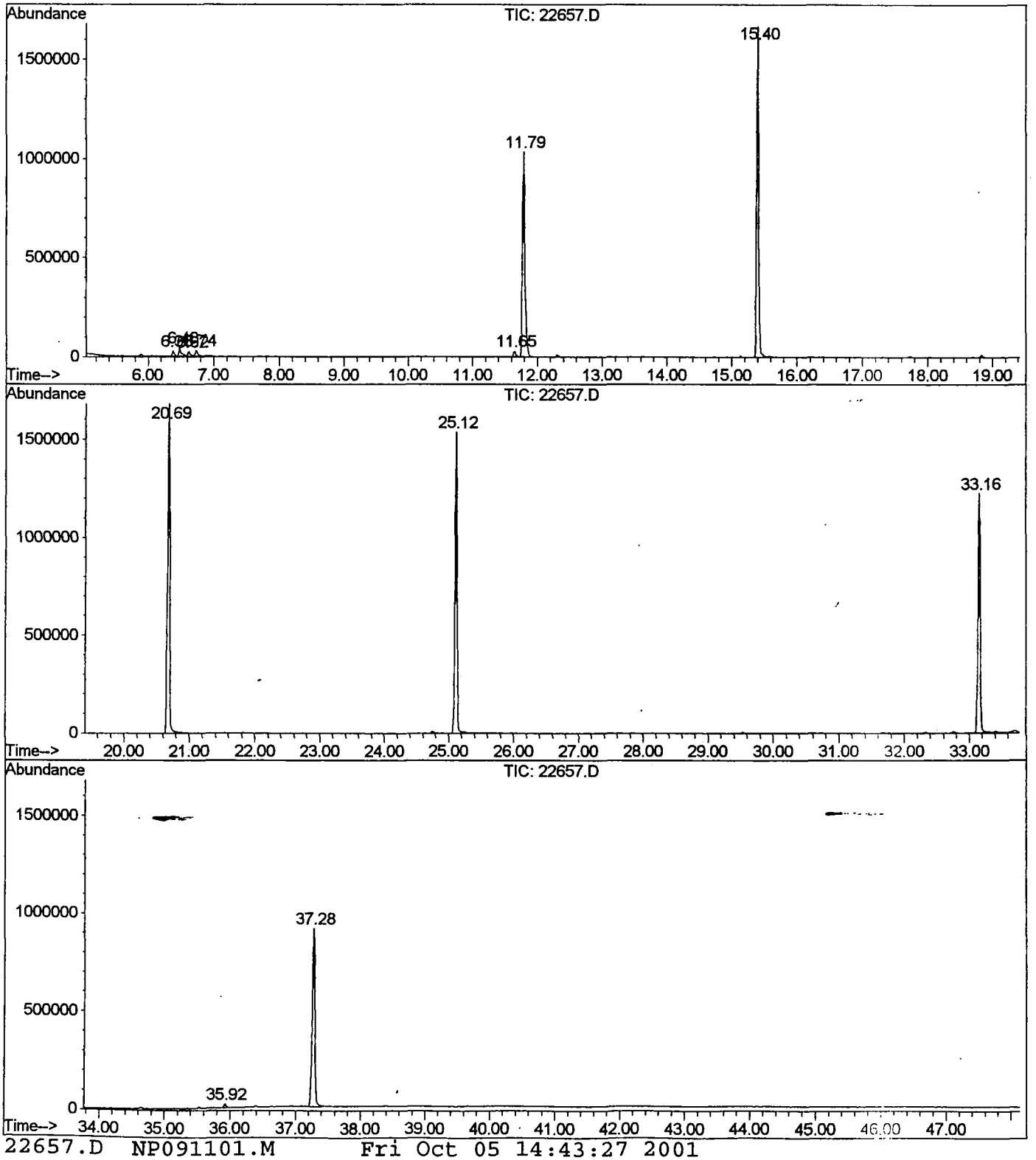
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.380	142	146	151	rBV	26790	50996	1.39%	0.270%
2	6.481	153	157	169	rVV	42719	113605	3.10%	0.601%
3	6.618	169	172	181	rVV	20811	53251	1.45%	0.282%
4	6.738	181	185	197	rVB	27774	67587	1.84%	0.357%
5	11.649	716	720	729	rBV	28261	69886	1.91%	0.369%
6	11.787	729	735	751	rVV	1033870	2586801	70.55%	13.676%
7	15.404	1123	1129	1146	rBV	1666501	3540418	96.55%	18.717%
8	20.692	1698	1705	1720	rBV	1679295	3666802	100.00%	19.385%
9	25.117	2180	2187	2196	rBV2	1535969	3319746	90.54%	17.550%
10	33.159	3056	3063	3072	rBV2	1222645	2815597	76.79%	14.885%
11	35.922	3360	3364	3372	rBV2	20317	47740	1.30%	0.252%
12	37.281	3503	3512	3528	rBV2	905568	2583134	70.45%	13.656%

Sum of corrected areas: 18915563

22657.D NP091101.M Fri Oct 05 14:43:25 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2801\22657.D
Operator : 209 GALOS
Acquired : 29 Sep 2001 3:09 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 16
Quant File :NP091101.RES (RTE Integrator)



22657.D NP091101.M Fri Oct 05 14:43:27 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22657.D
Acq On : 29 Sep 2001 3:09 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 16
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

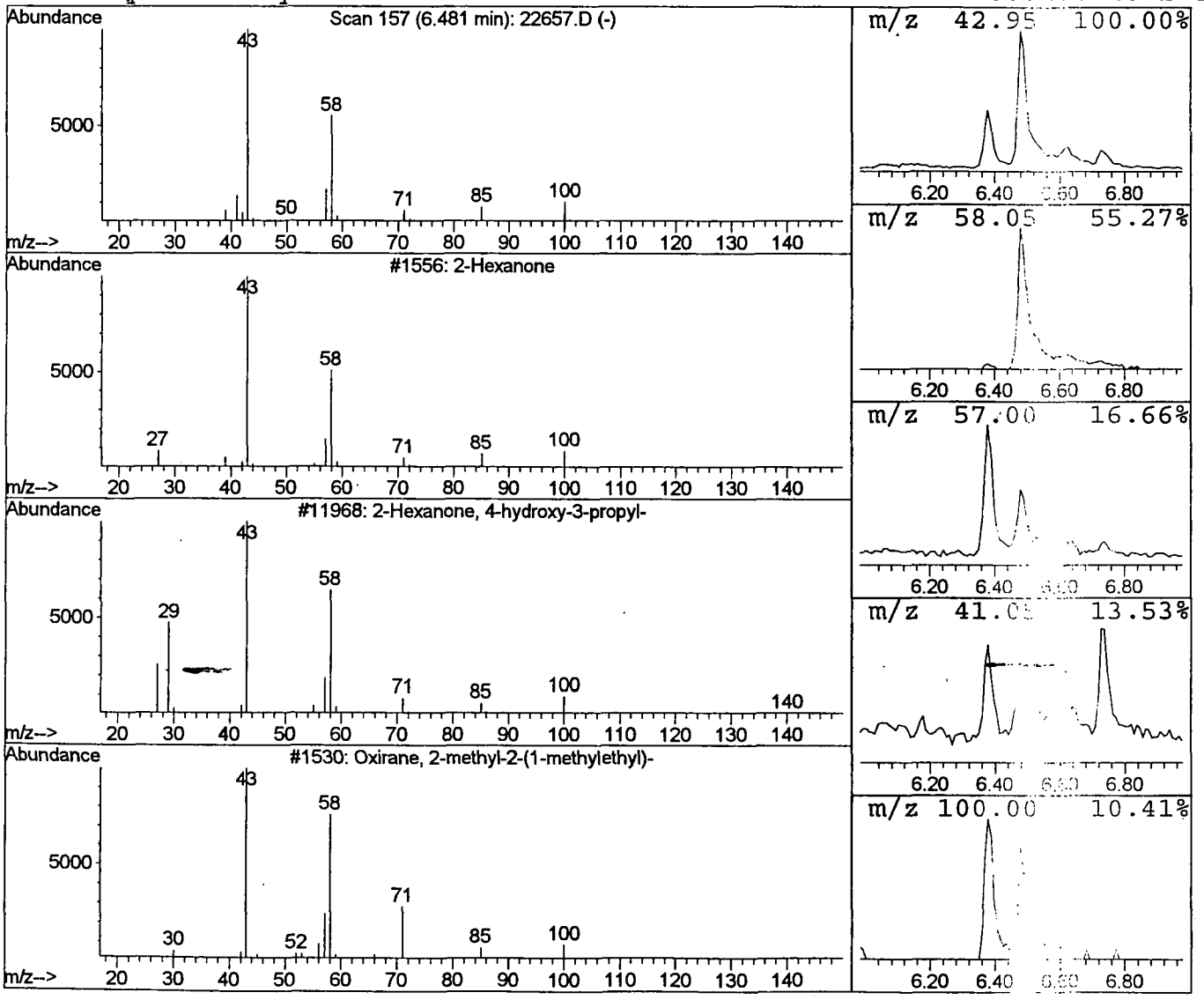
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.88 ug/l	113605	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	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	78
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22657.D
Acq On : 29 Sep 2001 3:09 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 16
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

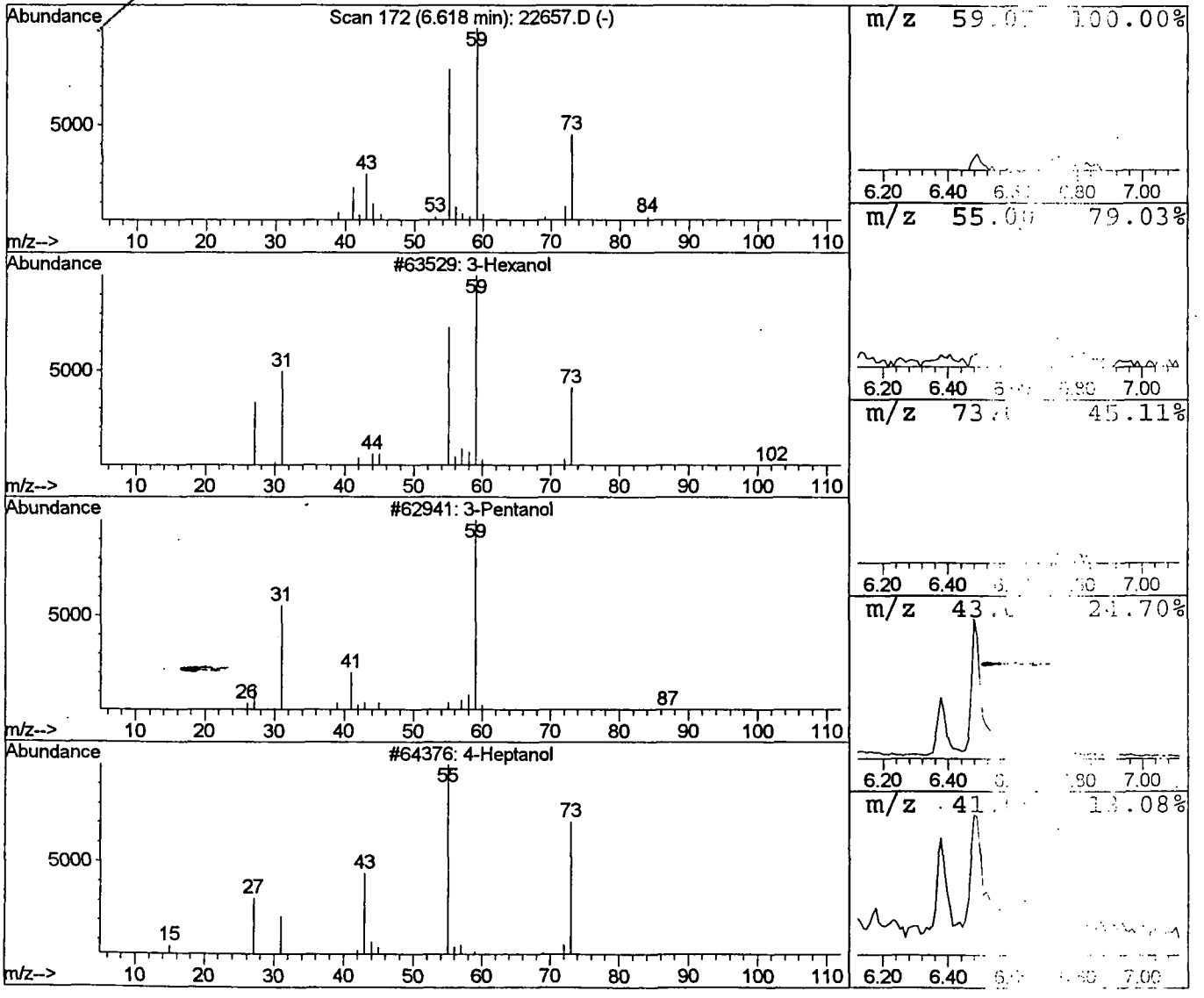
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	0.41 ug/l	53251	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	78
2	3-Pentanol	88	C5H12O	000584-02-1	33
3	4-Heptanol	116	C7H16O	000589-55-9	27
4	Guanidine	59	CH5N3	000113-00-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22657.D
Acq On : 29 Sep 2001 3:09 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Oper : GALOS
Inst : GC/MS 209
Mult : 1.00

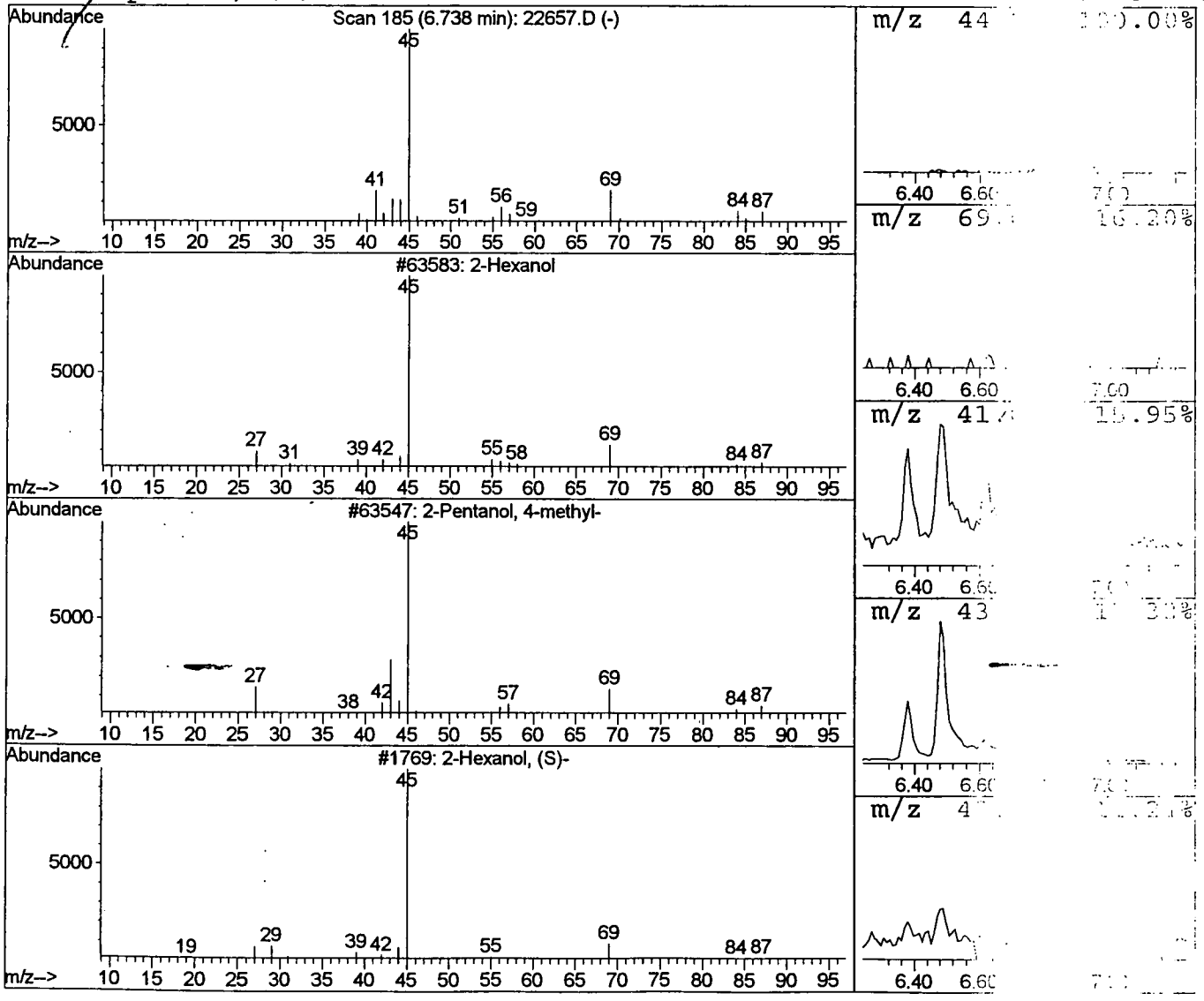
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integ
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentrati Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.52 ug/l	67587	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS	Qual
1	2-Hexanol	102	C6H14O	[illegible]-93-7	78
2	2-Pentanol, 4-methyl-	102	C6H14O	[illegible]-11-2	64
3	2-Hexanol, (S)-	102	C6H14O	[illegible]-78-0	43
4	2-Heptanol, (S)-	116	C7H16O	[illegible]-23-1	40



Library Search Compound Report

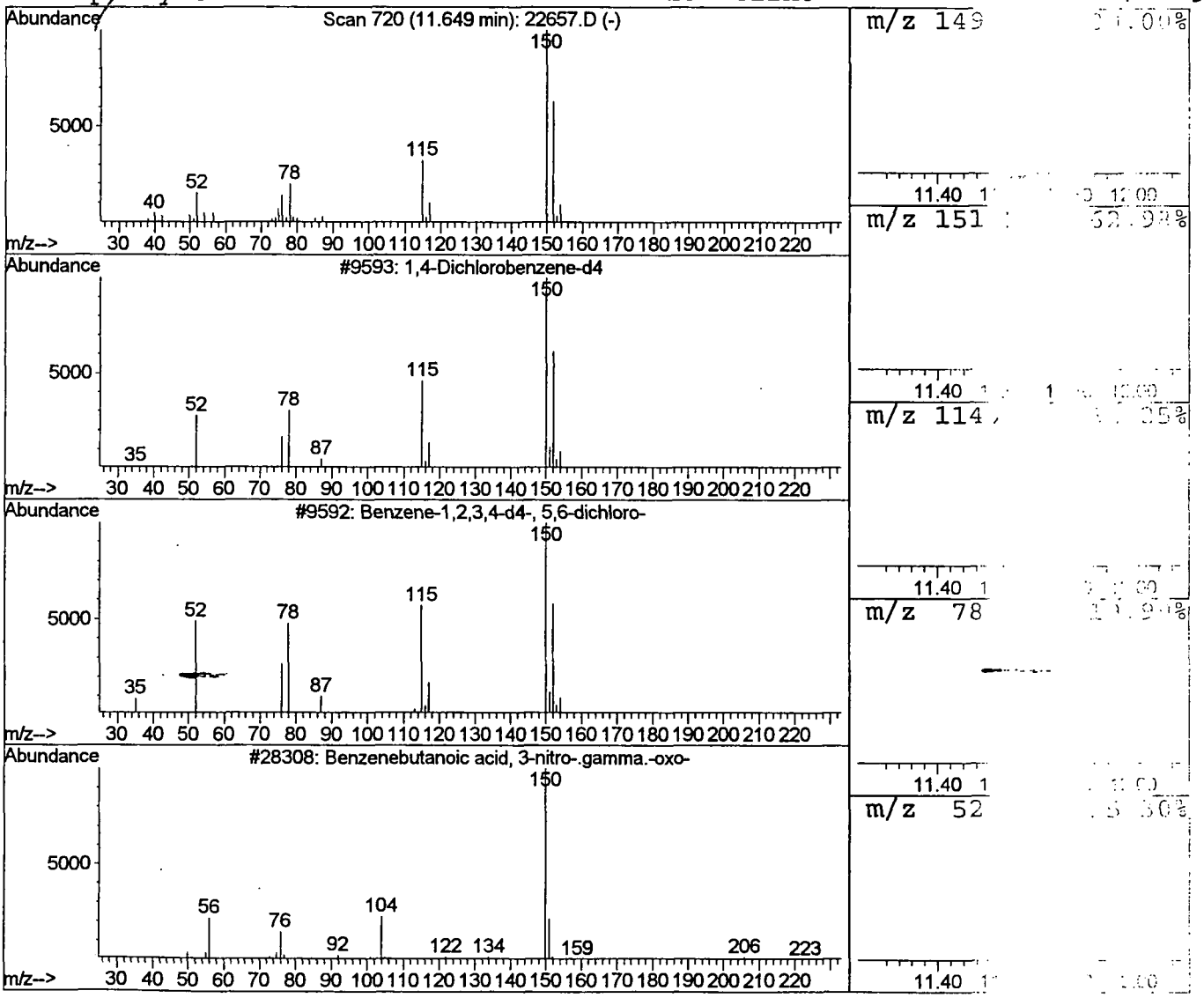
Data File : C:\HPCHEM\1\DATA\SEP2801\22657.D
Acq On : 29 Sep 2001 3:09 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

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

Peak Number 4 1,4-Dichlorobenzene-d4 Concentrat

R.T.	EstConc	Area	Relative to ISTD
11.65	0.54 ug/l	69886	1,4-Dichlorobenzene-d4

Hit# of 5	Tentative ID	MW	MolForm	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	53
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	25
3	Benzenebutanoic acid, 3-nitro-.gamm	223	C10H9NO5	17
4	Biphenylene	152	C12H8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Sep 2001 3:09
Data File: C:\HPCHEM\1\DATA\SEP2801\22657.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	Area	ISConc
2-Hexanone	6.48	0.9	ug/l	113605	ISTD01	11.7[illegible]	80[illegible]	20.0
3-Hexanol	6.62	0.4	ug/l	53251	ISTD01	11.7[illegible]	30[illegible]	20.0
2-Hexanol	6.74	0.5	ug/l	67587	ISTD01	11.7[illegible]	30[illegible]	20.0
1,4-Dichlorobenzene-	11.65	0.5	ug/l	69886	ISTD01	11.7[illegible]	309	20.0

22657.D NP091101.M Fri Oct 05 14:43:39 2001