User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/11/2001 Time: 09:13:42

Sample: AD22773
Analysis: $GCMS GC/MS Scan For Unknowns
Started: 10/11/01 09:13 Ended: 10/11/01 09:13 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD22773 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-11-2001 Time: 09:13:59

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\22773.D Vial: 20
Acq On : 29 Sep 2001 7:04 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 11:17 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	439729	20.00	ug/l	-0.12
19) Naphthalene-d8	15.40	136	1716431	20.00	ug/l	-0.12
31) Acenaphthene-d10	20.69	164	806656	20.00	ug/l	-0.12
49) Phenanthrene-d10	25.11	188	1180752	20.00	ug/l	-0.12
59) Chrysene-d12	33.16	240	847274	20.00	ug/l	-0.12
68) Perylene-d12	37.28	264	629020	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	117	0.00	ug/l	0.38
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.31	152	4598	0.21	ug/l	-0.12
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	18.83	172	1934	0.04	ug/l	0.01
Spiked Amount 50.000			Recovery =	0.08%		
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	3854	0.08	ug/l	-0.13
Spiked Amount 50.000			Recovery =	0.16%		
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\22773.D Vial: 20
Acq On : 29 Sep 2001 7:04 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 11:17 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	439	N.D.	
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
45) Diethylphthalate	22.19	149	200	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	25.11	178	186	N.D.	
56) Anthracene	25.11	178	186	N.D.	
57) Di-n-butylphthalate	27.11	149	2705	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	1966	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.42	149	3593	N.D.	
67) Chrysene	33.16	228	1966	N.D.	
69) Di-n-Octylphthalate	35.16	149	275	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\22773.D Vial: 20
Acq On : 29 Sep 2001 7:04 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 11:17 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

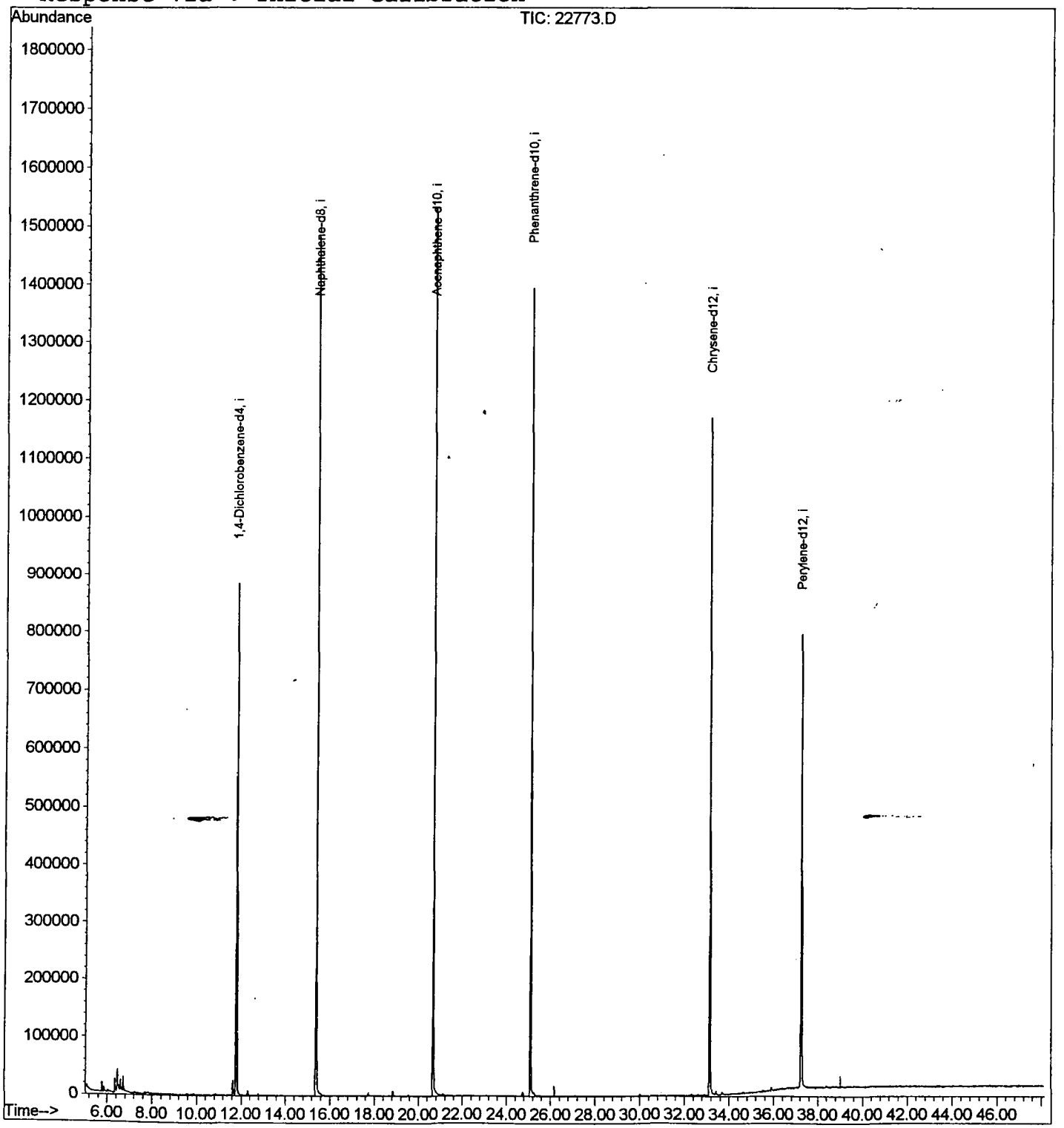
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.28	252	2211	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22773.D Vial: 20
Acq On : 29 Sep 2001 7:04 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 11:17 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\22773.D Vial: 20
Acq On : 29 Sep 2001 7:04 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

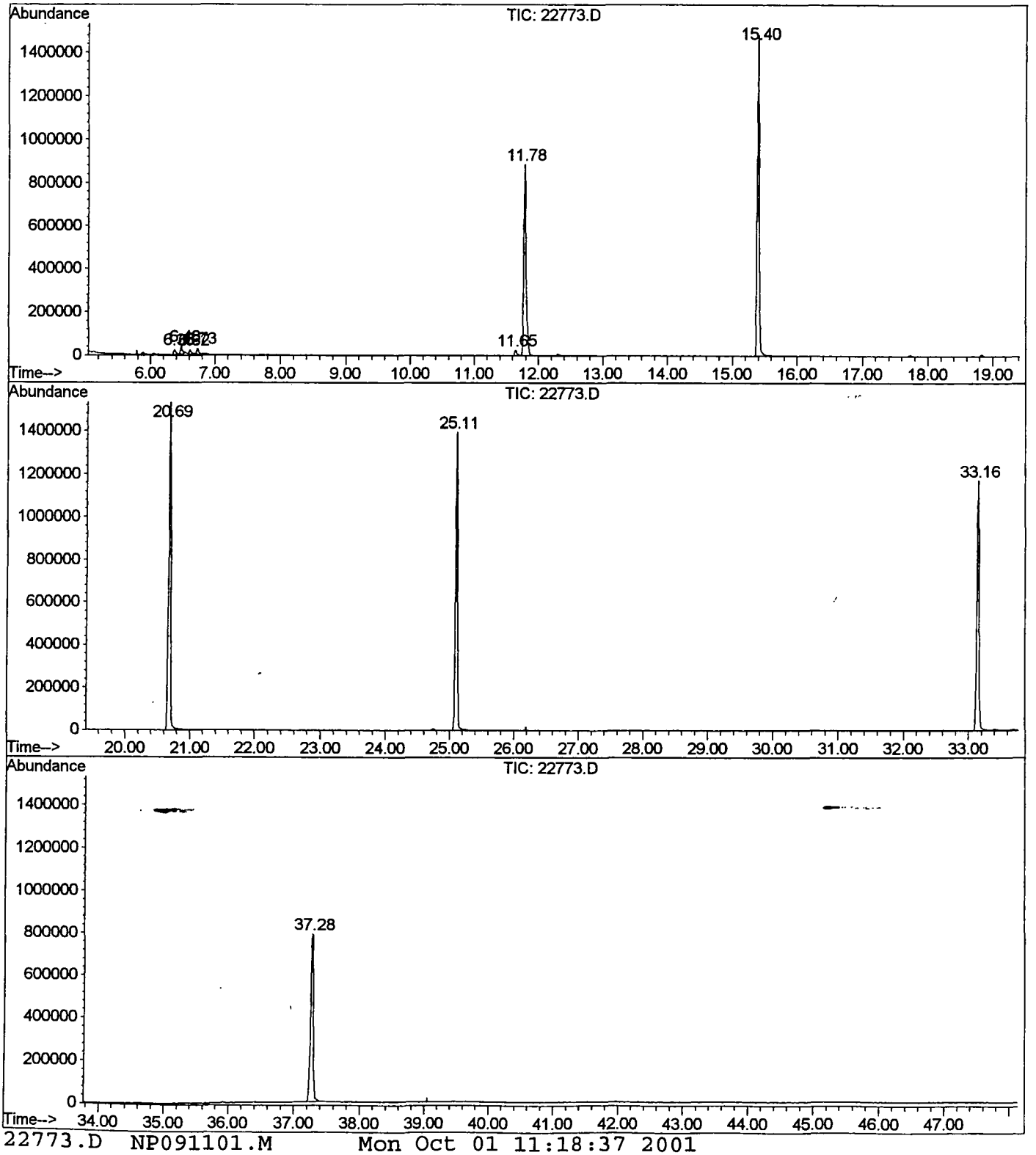
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.378	142	146	153	rBV	23431	53338	1.65%	0.316%
2	6.479	153	157	161	rBV	37786	76369	2.36%	0.453%
3	6.616	169	172	181	rVB	18492	39643	1.22%	0.235%
4	6.726	181	184	193	rVB	25350	55370	1.71%	0.328%
5	11.647	716	720	730	rBV	24528	58360	1.80%	0.346%
6	11.785	730	735	753	rBV	882674	2284303	70.51%	13.548%
7	15.402	1123	1129	1147	rBV	1481260	3133308	96.71%	18.584%
8	20.690	1698	1705	1727	rBV	1531926	3239795	100.00%	19.216%
9	25.115	2180	2187	2199	rBV2	1392976	3003312	92.70%	17.813%
10	33.156	3056	3063	3082	rBV2	1168009	2639930	81.48%	15.658%
11	37.278	3503	3512	3524	rBV2	781626	2276560	70.27%	13.502%

Sum of corrected areas: 16860288

22773.D NP091101.M Mon Oct 01 11:18:35 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2801\22773.D
Operator : 209 GALOS
Acquired : 29 Sep 2001 7:04 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 20
Quant File :NP091101.RES (RTE Integrator)



22773.D NP091101.M Mon Oct 01 11:18:37 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Sep 2001 7:04 am
Data File: C:\HPCHEM\1\DATA\SEP2801\22773.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

22773.D NP091101.M Mon Oct 01 11:18:39 2001

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22773.D Vial: 20
Acq On : 29 Sep 2001 7:04 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

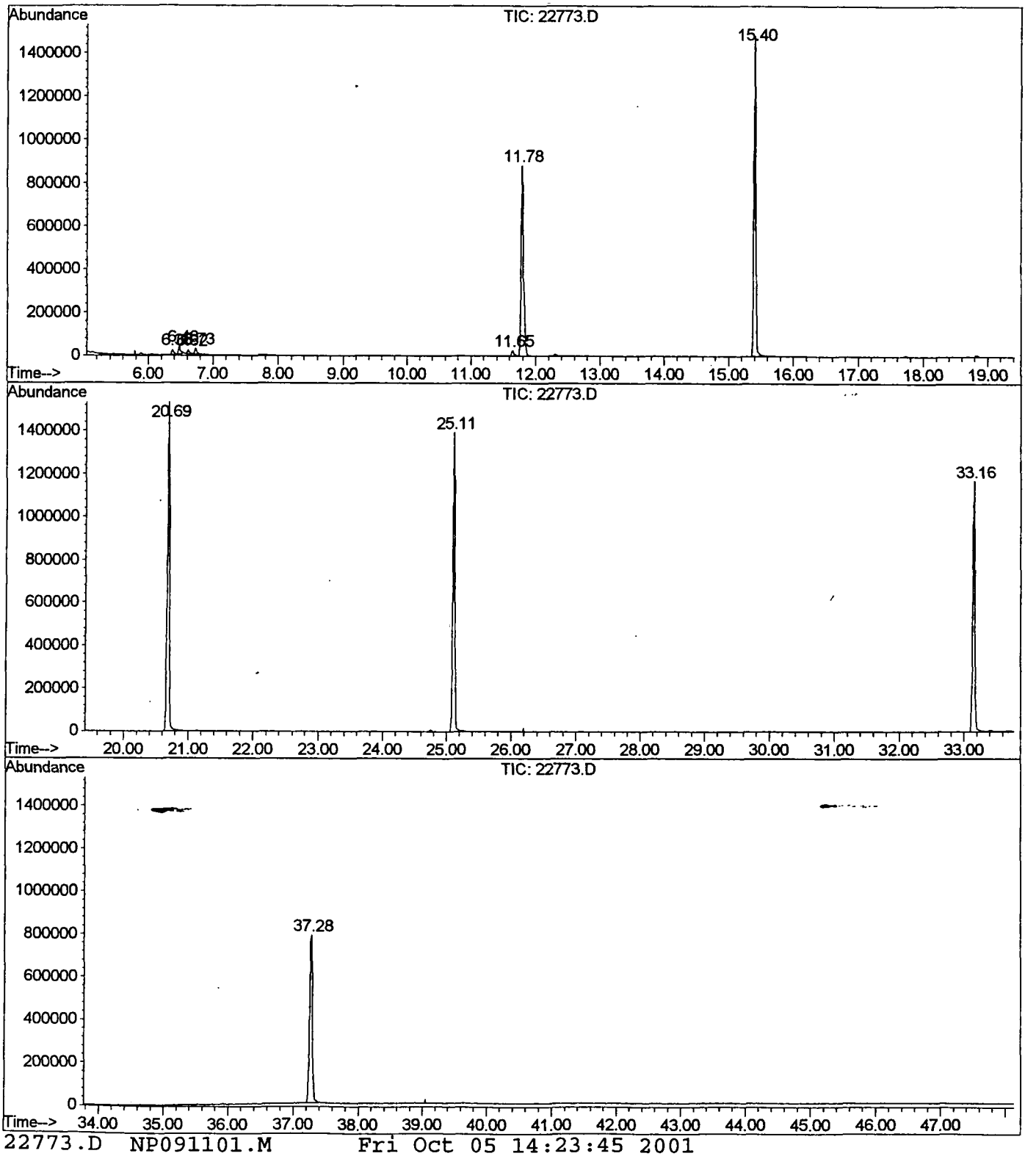
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.378	142	146	153	rBV	23431	53338	1.65%	0.316%
2	6.479	153	157	161	rBV	37786	76369	2.36%	0.453%
3	6.616	169	172	181	rVB	18492	39643	1.22%	0.235%
4	6.726	181	184	193	rVB	25350	55370	1.71%	0.328%
5	11.647	716	720	730	rBV	24528	58360	1.80%	0.346%
6	11.785	730	735	753	rBV	882674	2284303	70.51%	13.548%
7	15.402	1123	1129	1147	rBV	1481260	3133308	96.71%	18.584%
8	20.690	1698	1705	1727	rBV	1531926	3239795	100.00%	19.216%
9	25.115	2180	2187	2199	rBV2	1392976	3003312	92.70%	17.813%
10	33.156	3056	3063	3082	rBV2	1168009	2639930	81.48%	15.658%
11	37.278	3503	3512	3524	rBV2	781626	2276560	70.27%	13.502%

Sum of corrected areas: 16860288

22773.D NP091101.M Fri Oct 05 14:23:42 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2801\22773.D
Operator : 209 GALOS
Acquired : 29 Sep 2001 7:04 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 20
Quant File :NP091101.RES (RTE Integrator)



22773.D NP091101.M Fri Oct 05 14:23:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22773.D
Acq On : 29 Sep 2001 7:04 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

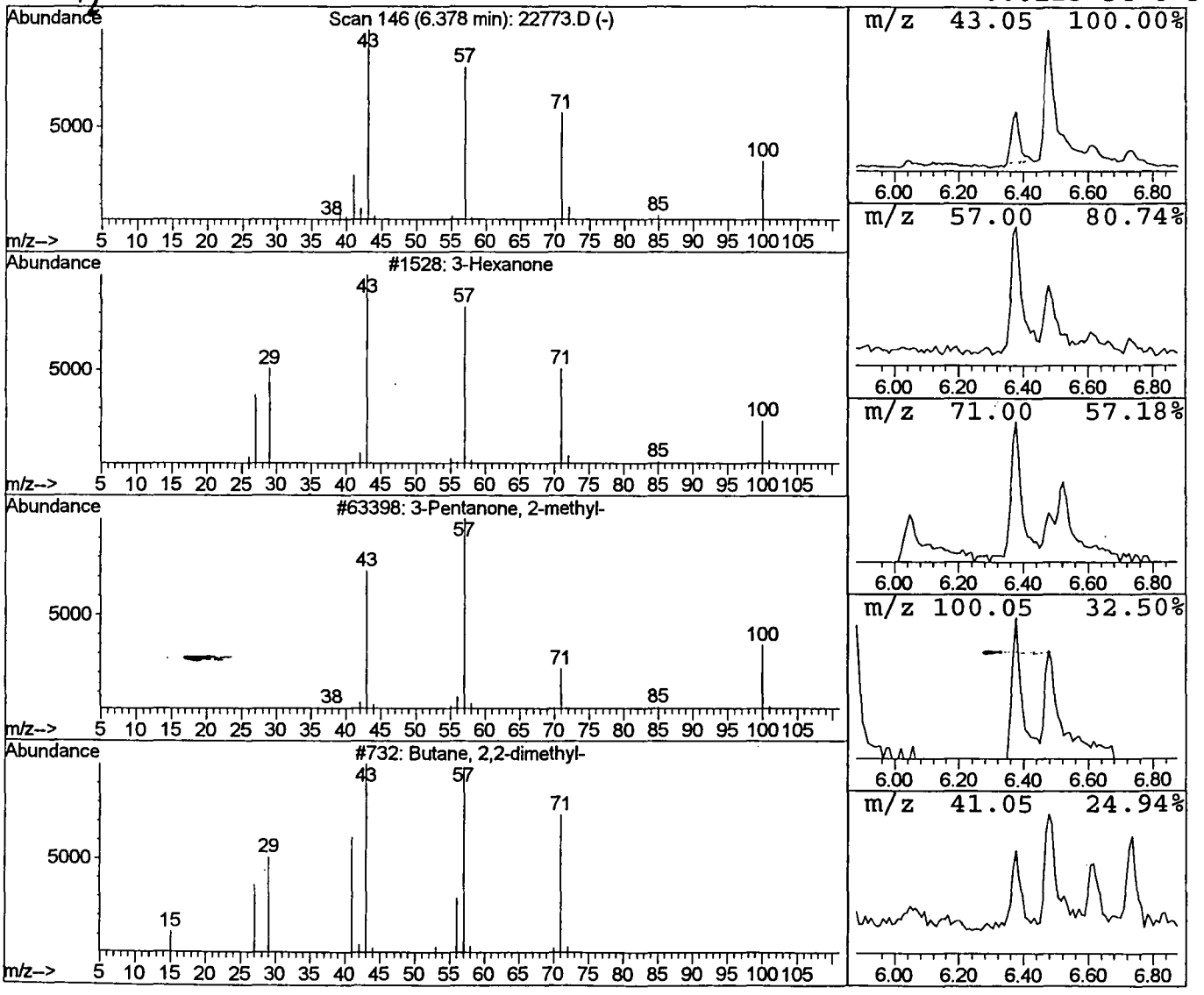
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.47 ug/l	53338	1,4-Dichlorobenzene-d4	11.78

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	38
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	36
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22773.D
Acq On : 29 Sep 2001 7:04 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

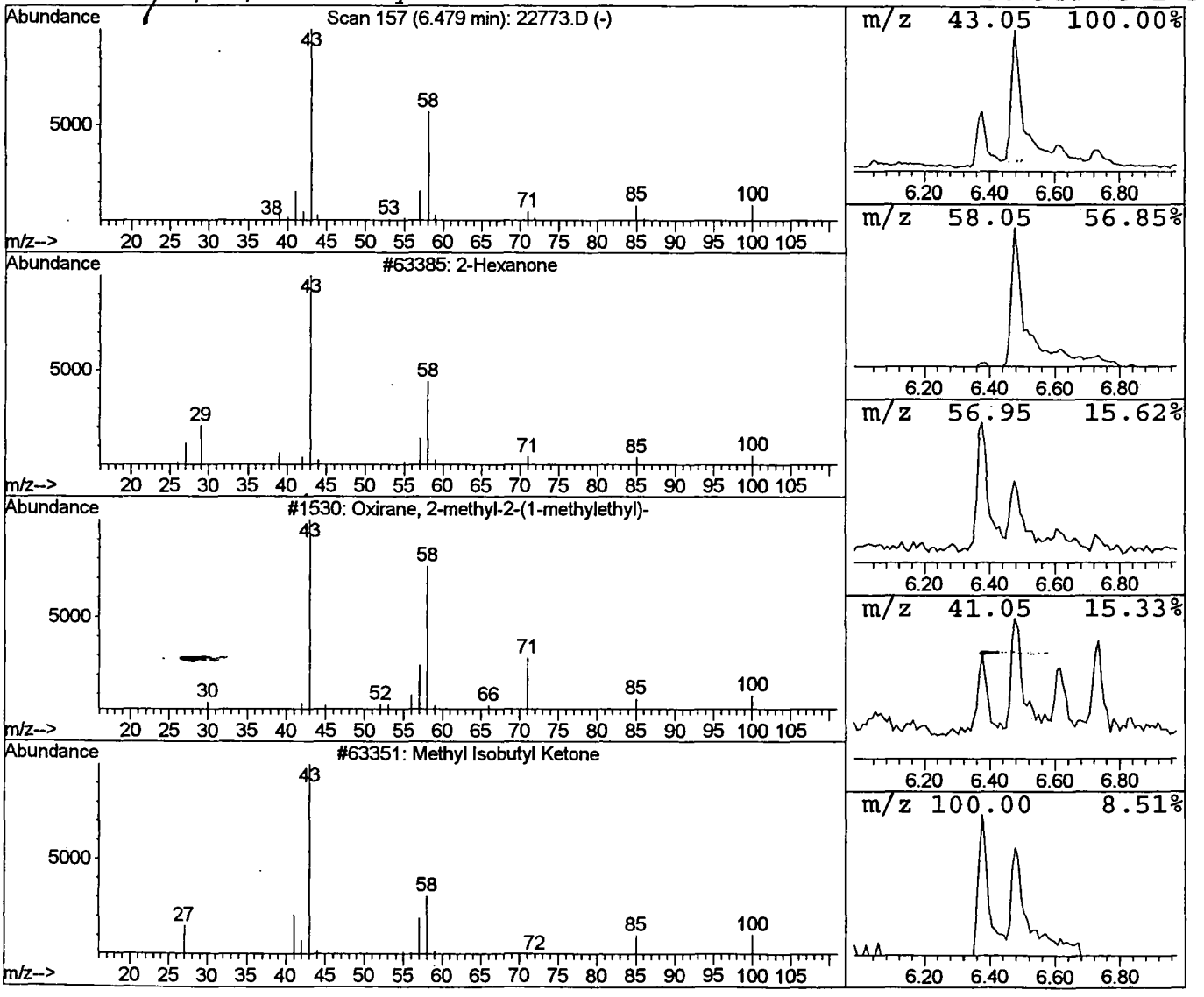
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.67 ug/l	76369	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	64
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
4	Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22773.D
Acq On : 29 Sep 2001 7:04 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

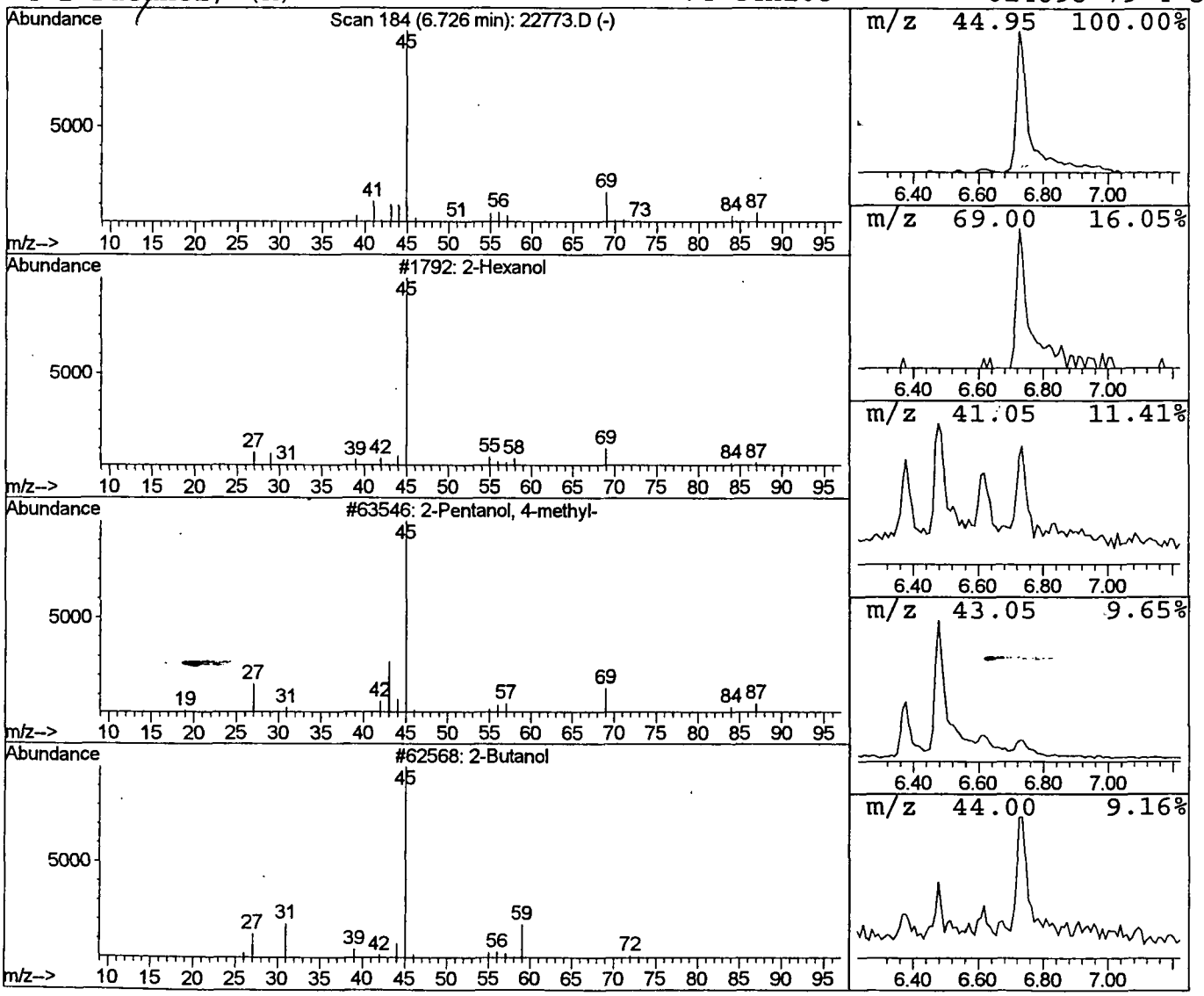
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.48 ug/l	55370	1,4-Dichlorobenzene-d4	11.78

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	83
3	2-Butanol	74	C4H10O	000078-92-2	56
4	2-Butanol, (R)-	74	C4H10O	014898-79-4	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22773.D
Acq On : 29 Sep 2001 7:04 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

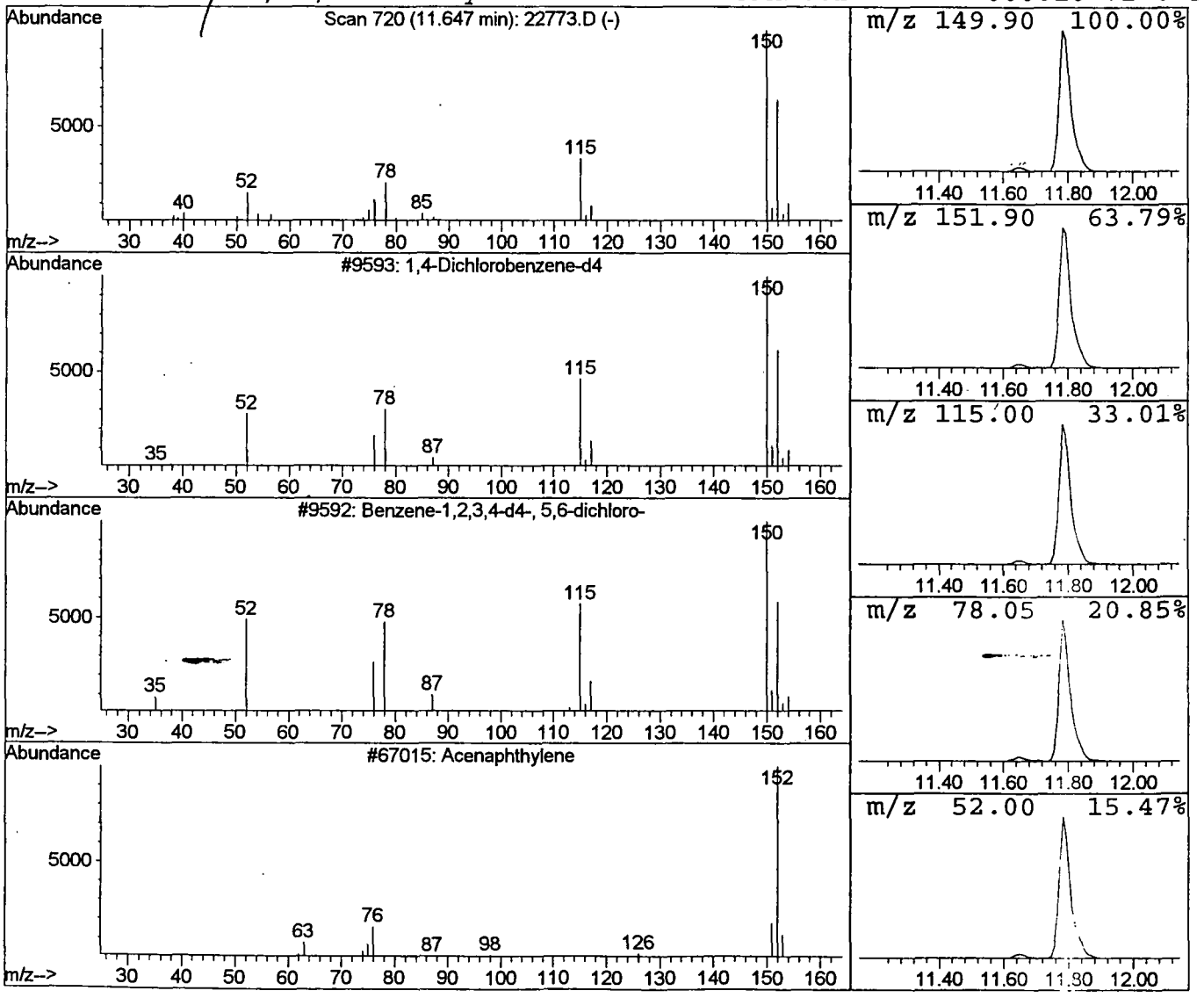
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.51 ug/l	58360	1,4-Dichlorobenzene-d4	11.78

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	40
3	Acenaphthylene	152	C12H8	000208-96-8	9
4	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Sep 2001 7:04 am
Data File: C:\HPCHEM\1\DATA\SEP2801\22773.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	53338	ISTD01	11.78	2284300	20.0
2-Hexanone	6.48	0.7	ug/l	76369	ISTD01	11.78	2284300	20.0
2-Hexanol	6.73	0.5	ug/l	55370	ISTD01	11.78	2284300	20.0
1,4-Dichlorobenzene-	11.65	0.5	ug/l	58360	ISTD01	11.78	2284300	20.0

22773.D NP091101.M Fri Oct 05 14:23:56 2001