

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/05/2001 Time: 12:33:17

Sample: AD22778
 Analysis: \$GCMS GC/MS Scan For Unknowns
 Started: 10/5/01 12:32 Ended: 10/5/01 12:32 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD22778 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-05-2001 Time: 12:33:49

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\OCT0201\22778.D
 Acq On : 3 Oct 2001 3:49 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 3 4:38 2001

Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	454584	20.00	ug/l	-0.12
19) Naphthalene-d8	15.40	136	1772663	20.00	ug/l	-0.12
31) Acenaphthene-d10	20.68	164	822572	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.11	188	1157658	20.00	ug/l	-0.13
59) Chrysene-d12	33.15	240	847406	20.00	ug/l	-0.13
68) Perylene-d12	37.27	264	633830	20.00	ug/l	-0.15

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	103	0.00	ug/l	0.36
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.30	152	4531	0.20	ug/l	-0.13
Spiked Amount 50.000			Recovery =	0.40%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.83	172	1704	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	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
 22778.D NP091101.M Thu Oct 04 14:34:49 2001

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0201\22778.D

Acq On : 3 Oct 2001 3:49 am

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 3 4:38 2001

Vial: 15

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

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	15.45	128	2121	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.		
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-Chlorophenyl-phenylether	0.00	204	0	N.D.		
47) Fluorene	22.29	166	381	N.D.		
48) Azobenzene/ 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	25.17	178	2777	N.D.		
56) Anthracene	25.17	178	2777	N.D.		
57) Di-n-butylphthalate	27.11	149	1541	N.D.		
58) Fluoranthene	28.81	202	207	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	33.15	228	1857	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.41	149	2369	N.D.		
67) Chrysene	33.15	228	1857	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0201\22778.D

Vial: 15

Acq On : 3 Oct 2001 3:49 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 3 4:38 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	2201	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
22778.D NP091101.M Thu Oct 04 14:34:55 2001

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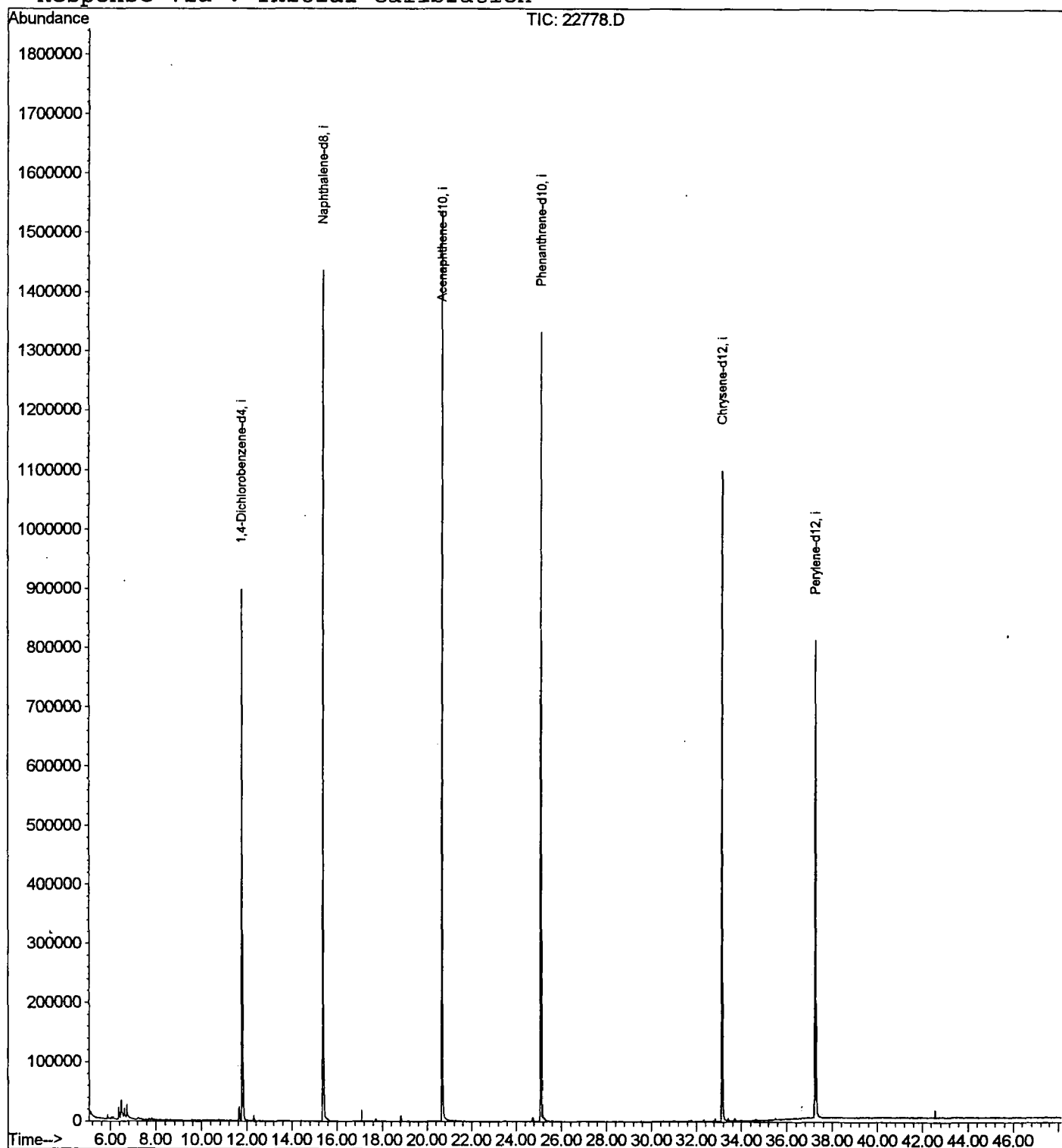
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22778.D
Acq On : 3 Oct 2001 3:49 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 3 4:38 2001

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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\OCT0201\22778.D
 Acq On : 3 Oct 2001 3:49 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

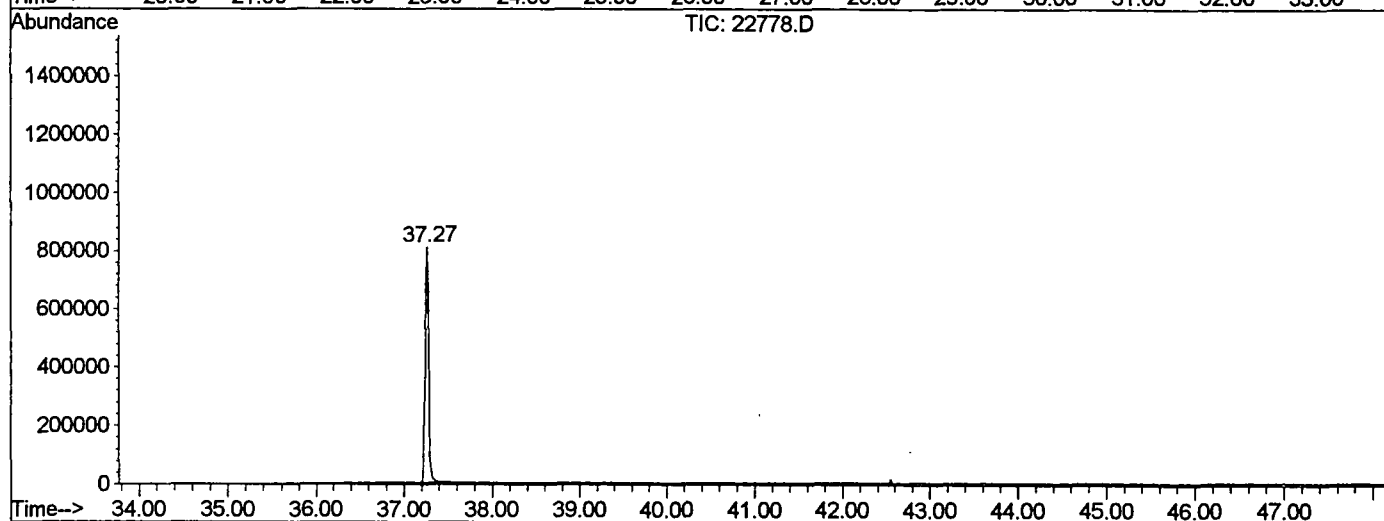
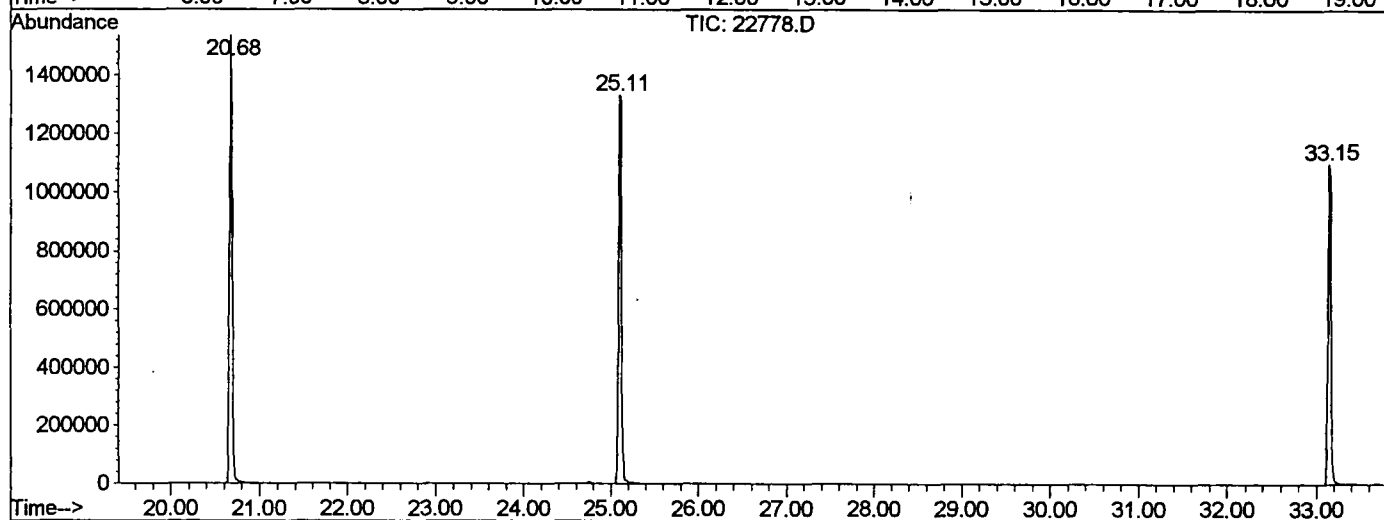
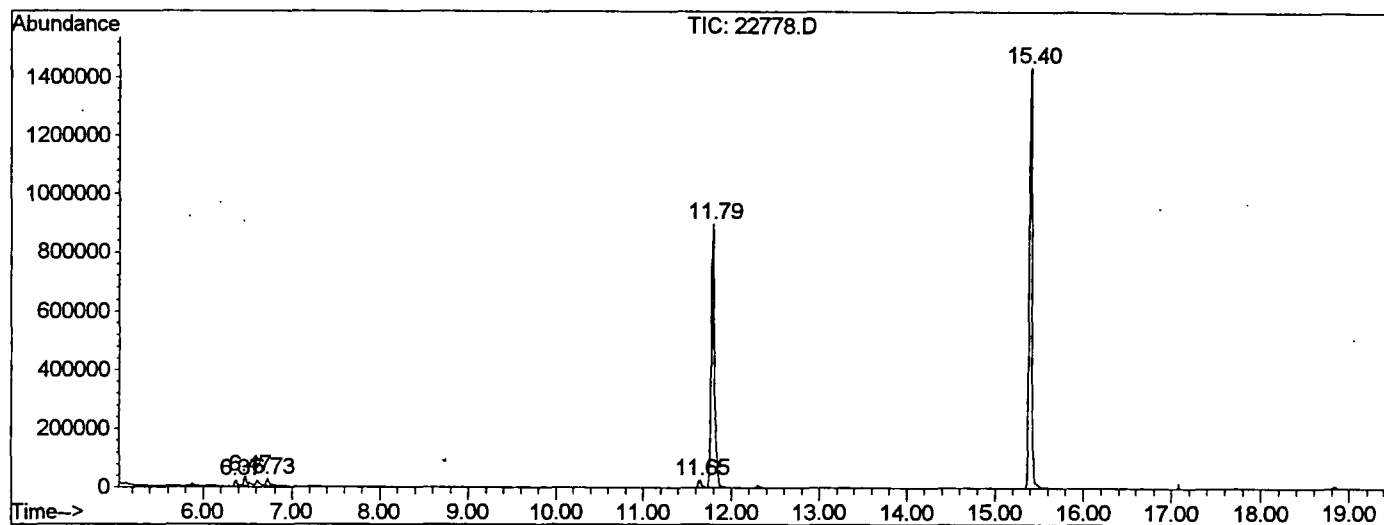
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.370	141	145	152	rBV	19656	43314	1.33%	0.255%
2	6.471	152	156	160	rBV	29784	62469	1.91%	0.368%
3	6.728	180	184	192	rVB	22278	49501	1.52%	0.292%
4	11.648	716	720	729	rVB	23610	60729	1.86%	0.358%
5	11.786	729	735	750	rBV	896960	2364881	72.41%	13.928%
6	15.403	1122	1129	1145	rBV	1436043	3215893	98.47%	18.940%
7	20.682	1698	1704	1733	rBV	1535945	3266011	100.00%	19.235%
8	25.107	2180	2186	2199	rBV2	1331126	3008456	92.11%	17.718%
9	33.149	3055	3062	3078	rBV2	1097774	2637055	80.74%	15.531%
10	37.271	3502	3511	3525	rBV2	805279	2270939	69.53%	13.375%

Sum of corrected areas: 16979248

22778.D NP091101.M Fri Oct 05 08:47:44 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT0201\22778.D
Operator : 209 GALOS
Acquired : 3 Oct 2001 3:49 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 15
Quant File :NP091101.RES (RTE Integrator)



22778.D NP091101.M Fri Oct 05 08:47:47 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22778.D

Acq On : 3 Oct 2001 3:49 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 15

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

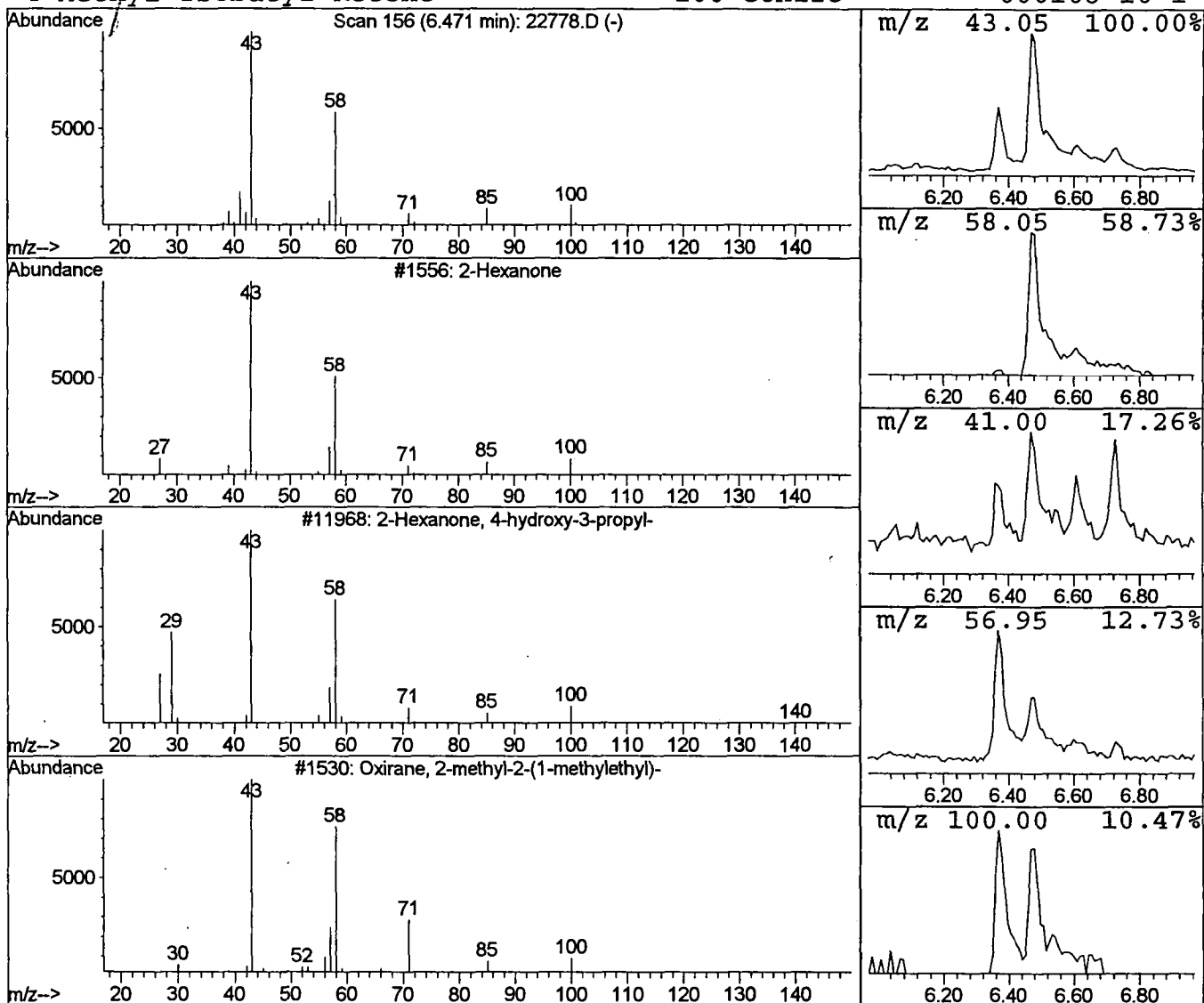
Title : 209 625/TCLP calibration table 7/16/01

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	0.53 ug/l	62469	1,4-Dichlorobenzene-d4	11.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanone	100	C6H12O	000591-78-6	90
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	59
4		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22778.D

Acq On : 3 Oct 2001 3:49 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 15

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

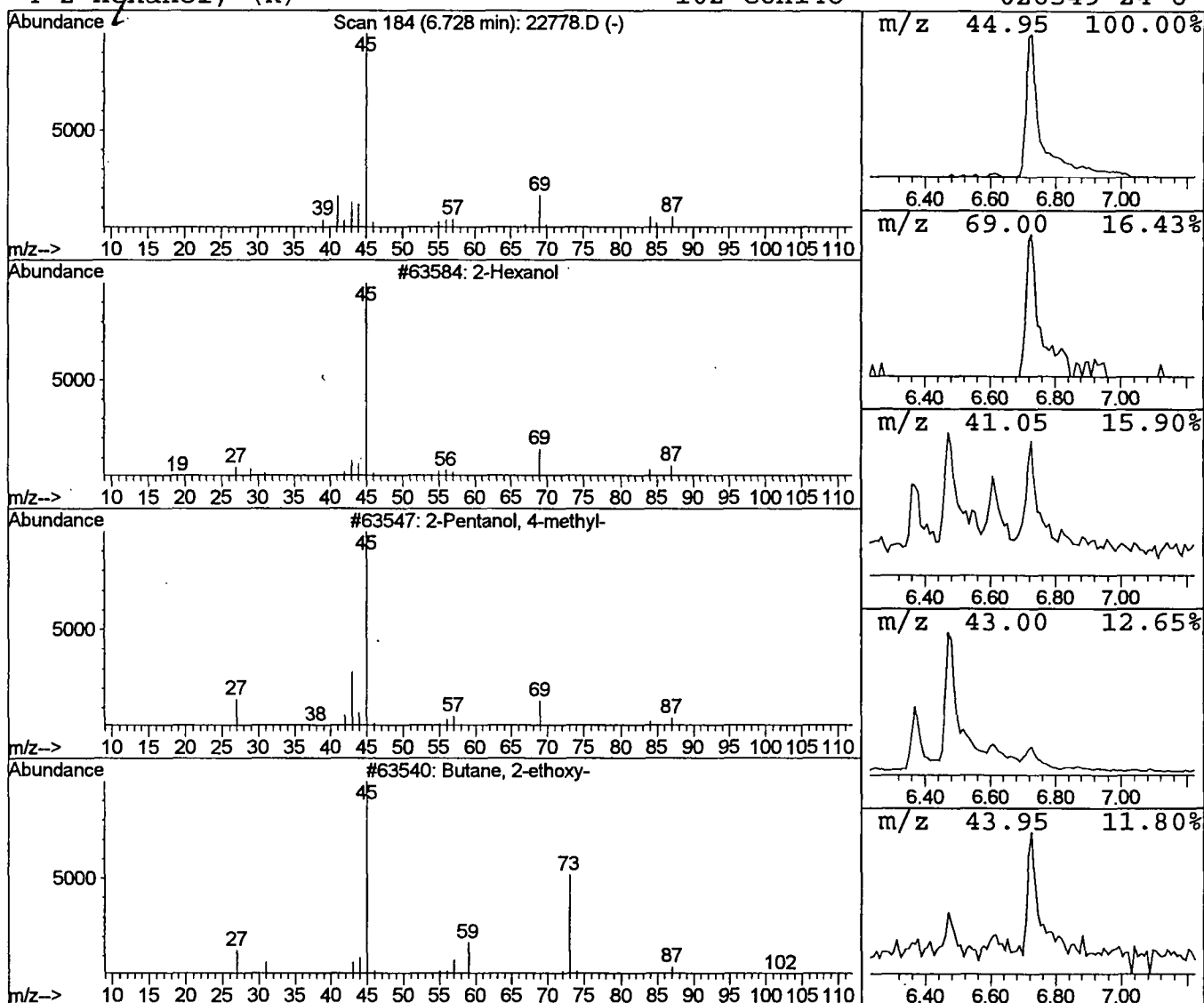
Title : 209 625/TCLP calibration table 7/16/01

Library : C:\DATABASE\NBS75K.L

Peak Number 2 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.42 ug/l	49501	1,4-Dichlorobenzene-d4	11.79

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	78
3	Butane, 2-ethoxy-			102	C6H14O	002679-87-0	45
4	2-Hexanol, (R)-			102	C6H14O	026549-24-6	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22778.D
Acq On : 3 Oct 2001 3:49 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

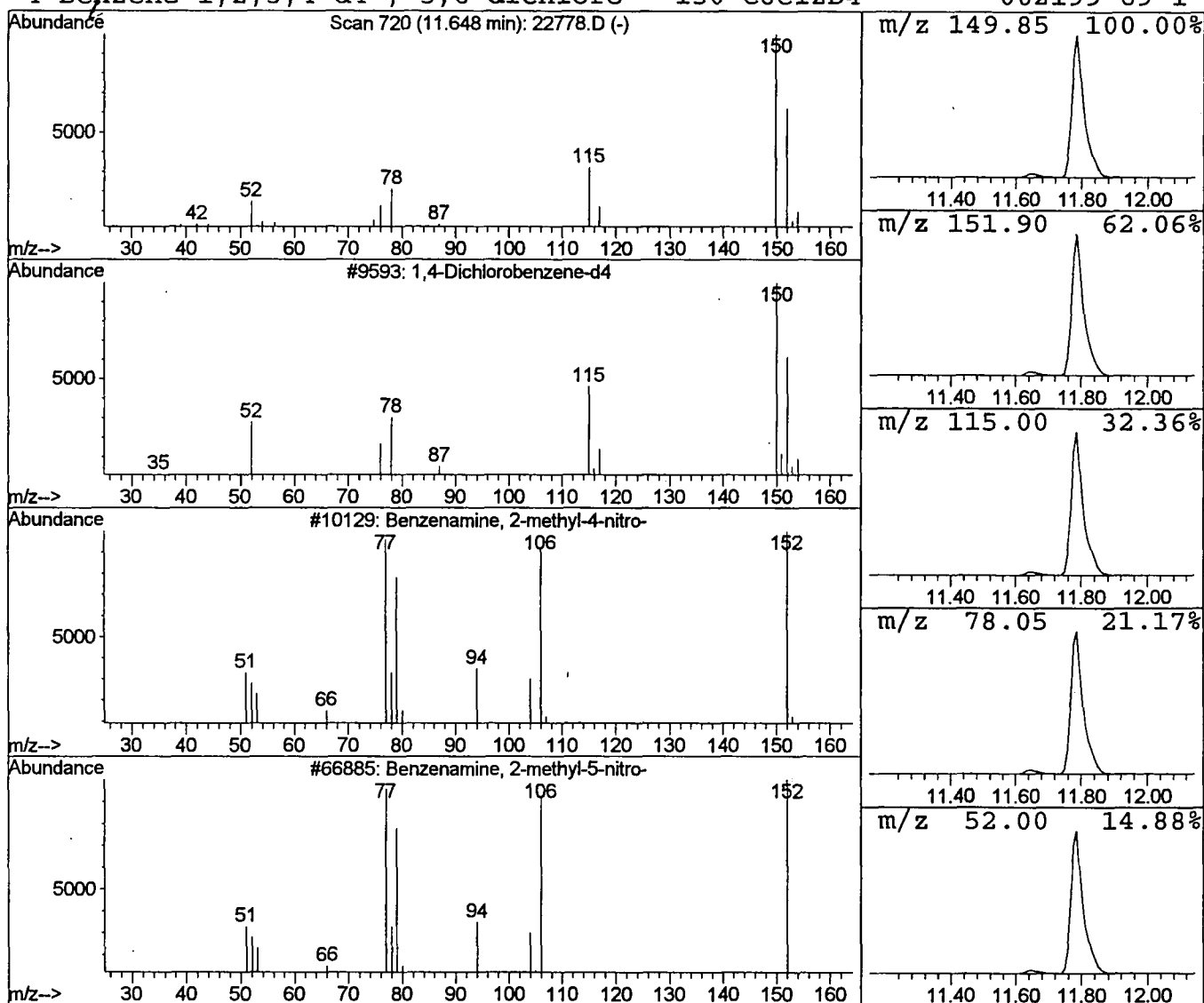
Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.51 ug/l	60729	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			Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	22
3			Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	22
4			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	17



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 3 Oct 2001 3:49 am
Data File: C:\HPCHEM\1\DATA\OCT0201\22778.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
2-Hexanone	6.47	0.5 ug/l	62469	ISTD01	11.79	2364880	20.0
2-Hexanol	6.73	0.4 ug/l	49501	ISTD01	11.79	2364880	20.0
1,4-Dichlorobenzene-	11.65	0.5 ug/l	60729	ISTD01	11.79	2364880	20.0

22778.D NP091101.M Fri Oct 05 08:47:56 2001