

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/10/2001 Time: 14:35:33

Sample: AD23083
 Analysis: \$GCMS GC/MS Scan For Unknowns
 Started: 10/10/01 14:34 Ended: 10/10/01 14:34 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23083 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-10-2001 Time: 14:35:47

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\OCT0401\23083.D

Vial: 3

Acq On : 4 Oct 2001 5:29 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 9 12:08 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	491526	20.00	ug/l	-0.12
19) Naphthalene-d8	15.39	136	1926110	20.00	ug/l	-0.13
31) Acenaphthene-d10	20.68	164	912117	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.11	188	1299043	20.00	ug/l	-0.13
59) Chrysene-d12	33.15	240	941615	20.00	ug/l	-0.13
68) Perylene-d12	37.27	264	708020	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	11.79	132	315	0.01	ug/l	0.37
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.30	152	5298	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	2057	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	5.21	79	202	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.	

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

23083.D NP091101.M Tue Oct 09 15:40:33 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0401\23083.D

Vial: 3

Acq On : 4 Oct 2001 5:29 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 9 12:08 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
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.		
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	318	N.D.		
46) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	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	25.12	178	451	N.D.		
56) Anthracene	25.12	178	451	N.D.		
57) Di-n-butylphthalate	27.11	149	66267	0.64 ug/l		99
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		

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

23083.D NP091101.M

Tue Oct 09 15:40:39 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0401\23083.D

Vial: 3

Acq On : 4 Oct 2001 5:29 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplier: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 9 12:08 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
61) Benzidine	29.30	184	1681	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	2312	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.41	149	3226	N.D.		
67) Chrysene	33.16	228	2312	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.27	252	2664	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

23083.D NP091101.M

Tue Oct 09 15:40:42 2001

Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT0401\23083.D

Acq On : 4 Oct 2001 5:29 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 9 12:08 2001

Vial: 3

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

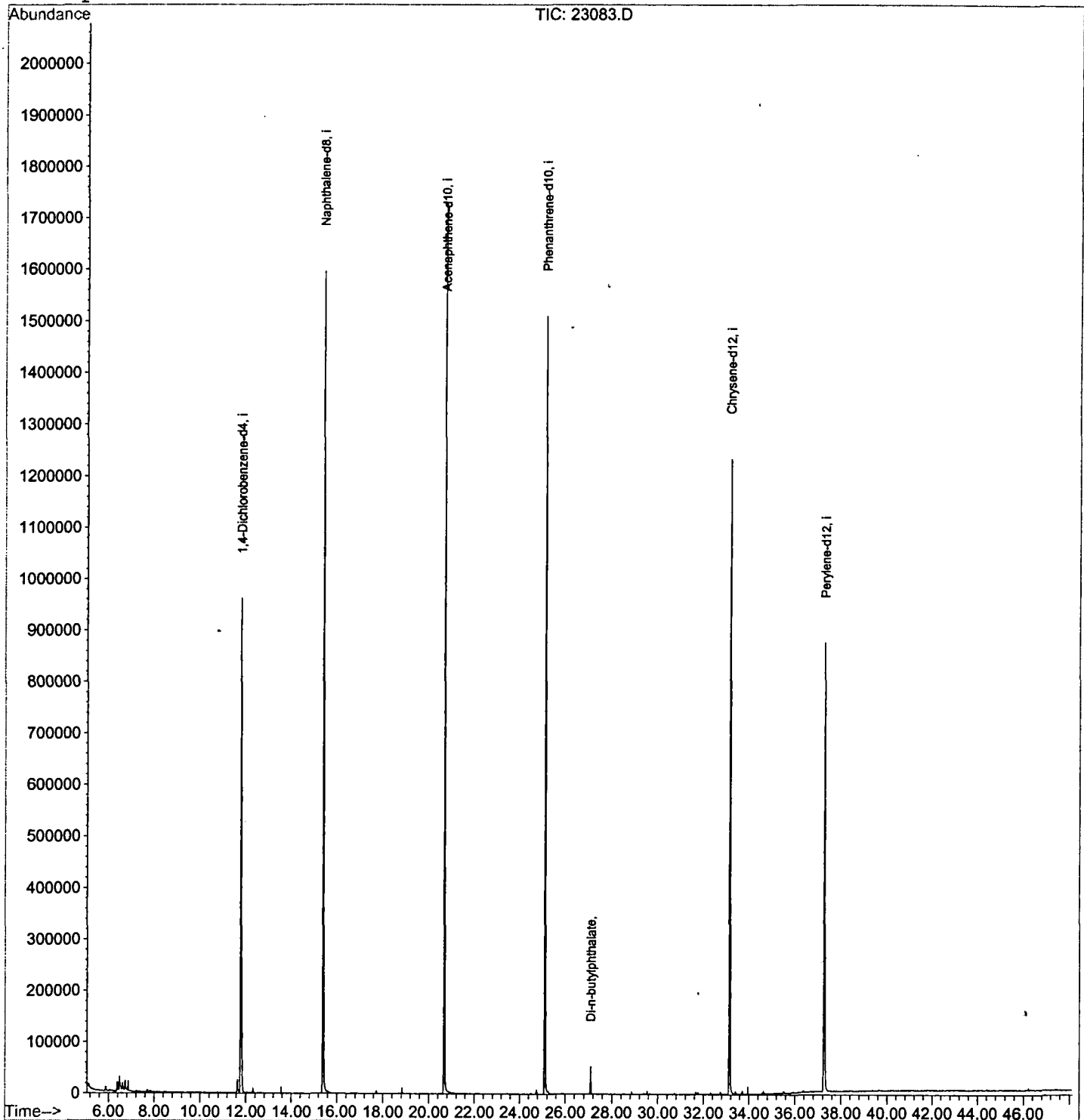
Quant Results File: NP091101.RES

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\OCT0401\23083.D

Vial: 3

Acq On : 4 Oct 2001 5:29 pm

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	6.370	142	145	153	rBV	18282	43927	1.21%	0.234%
2	6.480	153	157	160	rBV	26674	53797	1.49%	0.287%
3	6.728	181	184	193	rVB	18865	44418	1.23%	0.237%
4	11.648	714	720	729	rBV	25371	67814	1.87%	0.362%
5	11.786	729	735	750	rBV	960415	2519108	69.65%	13.437%
6	15.394	1122	1128	1146	rBV	1596001	3493674	96.59%	18.635%
7	20.682	1697	1704	1714	rBV	1730545	3617028	100.00%	19.293%
8	25.107	2179	2186	2199	rBV2	1510091	3349221	92.60%	17.865%
9	27.108	2399	2404	2409	rBV	53296	101742	2.81%	0.543%
10	33.149	3055	3062	3077	rBV2	1233510	2909397	80.44%	15.519%
11	37.271	3502	3511	3527	rBV2	870954	2547713	70.44%	13.589%

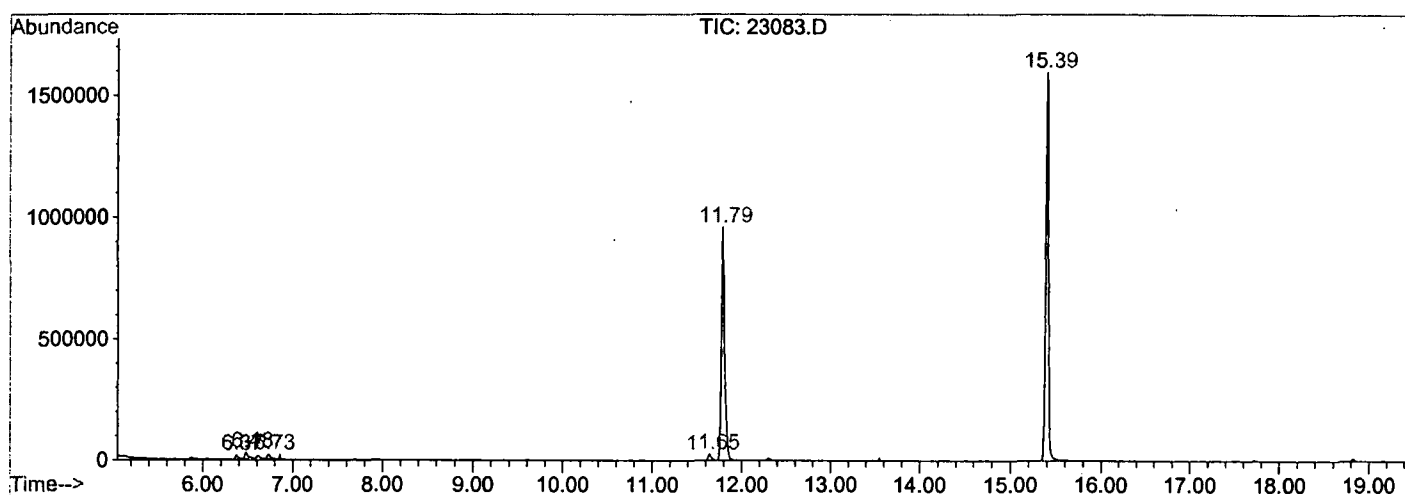
Sum of corrected areas: 18747839

23083.D NP091101.M

Tue Oct 09 12:25:48 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT0401\23083.D
 Operator : 209 GALOS
 Acquired : 4 Oct 2001 5:29 pm using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms `unknown`
 Misc Info :
 Vial Number: 3
 Quant File :NP091101.RES (RTE Integrator)



23083.D NP091101.M

Tue Oct 09 12:25:55 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0401\23083.D
 Acq On : 4 Oct 2001 5:29 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

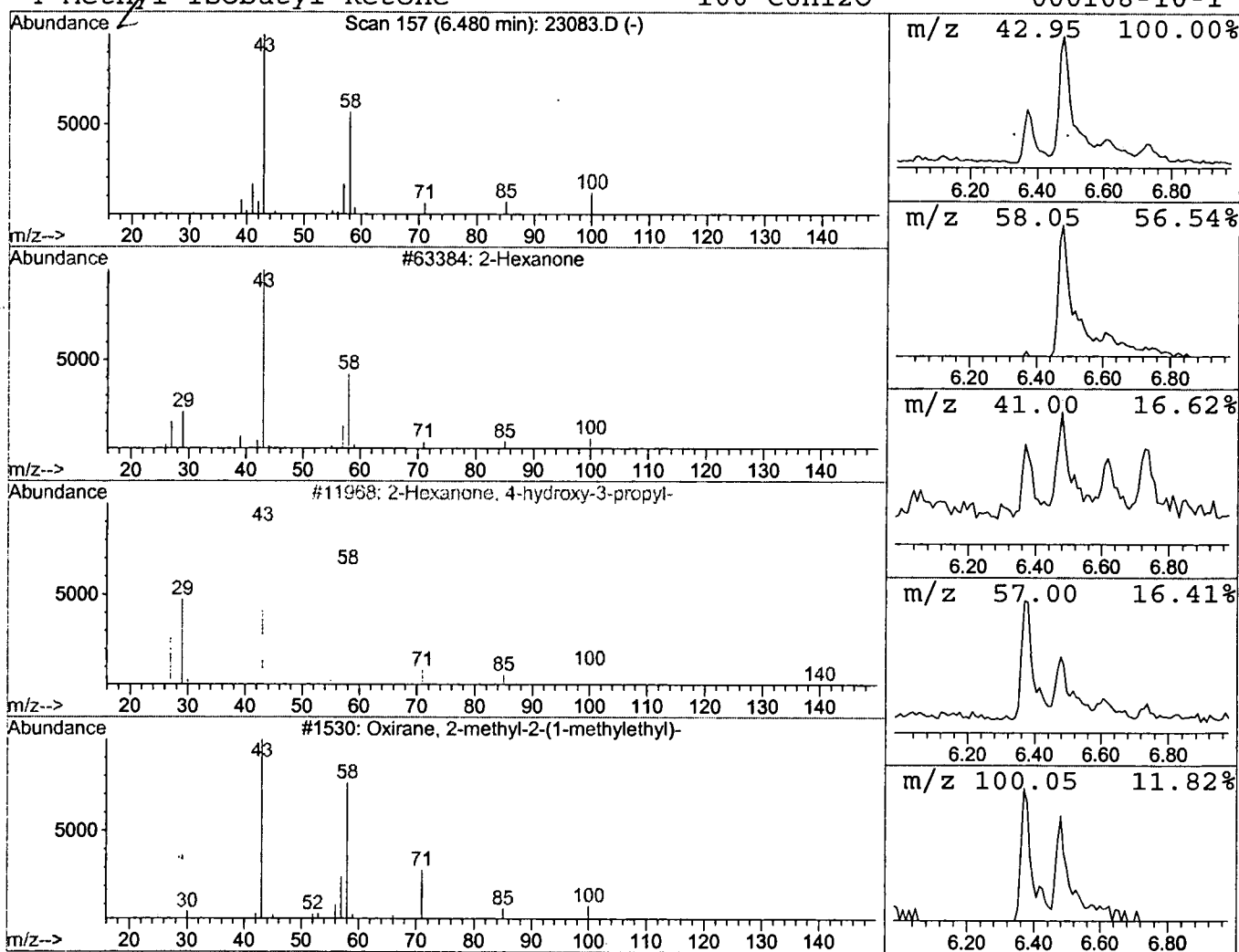
Vial: 3
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.43 ug/l	53797	1,4-Dichlorobenzene-d4	11.79

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	78
3	Oxirane, 2-methyl-2-(1-methylethyl)		100	C6H12O	072221-03-5	64
4	Methyl Isobutyl Ketone		100	C6H12O	000108-10-1	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0401\23083.D

Acq On : 4 Oct 2001 5:29 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 3

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

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

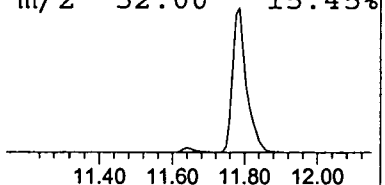
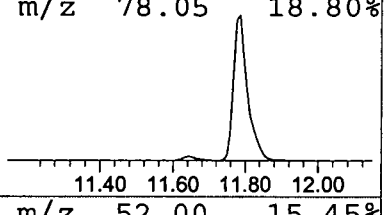
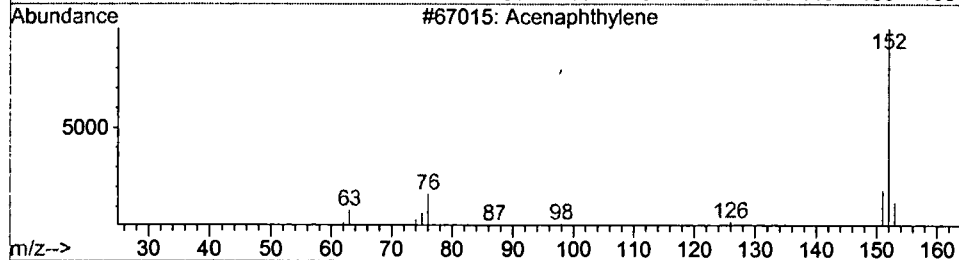
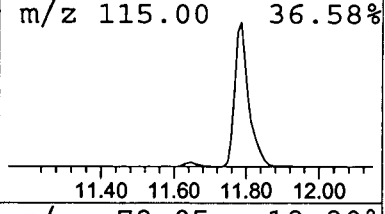
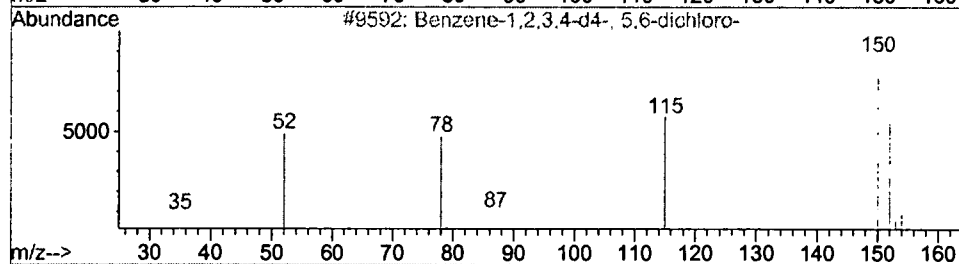
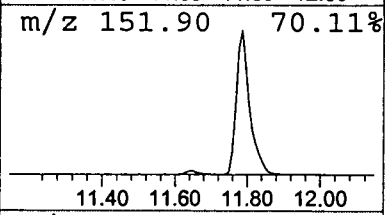
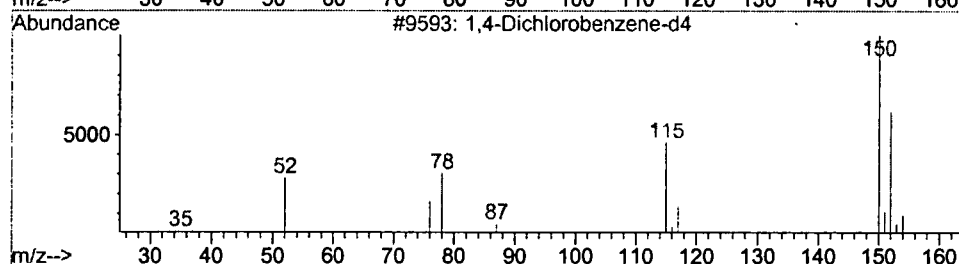
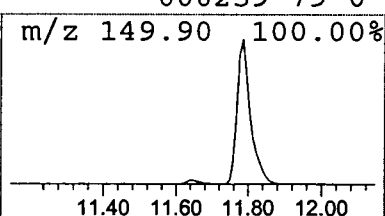
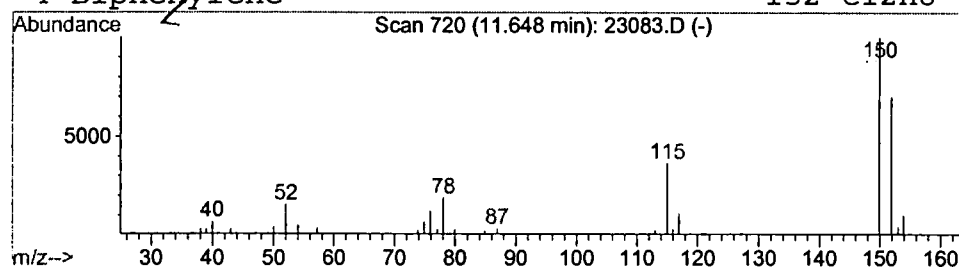
Title : 209 625/TCLP calibration table 7/16/01

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.54 ug/l	67814	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			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	25
3			Acenaphthylene	152	C12H8	000208-96-8	9
4			Biphenylene	152	C12H8	000259-79-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Oct 2001 5:29 pm
Data File: C:\HPCHEM\1\DATA\OCT0401\23083.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	6.48	0.4	ug/l	53797	ISTD01	11.79	2519110	20.0
1,4-Dichlorobenzene-	11.65	0.5	ug/l	67814	ISTD01	11.79	2519110	20.0

23083.D NP091101.M Tue Oct 09 12:26:16 2001