

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/10/2001 Time: 14:39:14

Sample: AD23123
 Analysis: \$GCMS GC/MS Scan For Unknowns
 Started: 10/10/01 14:38 Ended: 10/10/01 14:38 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23123 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-10-2001 Time: 14:39:24

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.

Data File : C:\HPCHEM\1\DATA\OCT0401\23123.D

Vial: 6

Acq On : 4 Oct 2001 8:25 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 12:09 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	512561	20.00	ug/l	-0.13
19) Naphthalene-d8	15.40	136	1999980	20.00	ug/l	-0.13
31) Acenaphthene-d10	20.69	164	937683	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.11	188	1337786	20.00	ug/l	-0.13
59) Chrysene-d12	33.15	240	939528	20.00	ug/l	-0.13
68) Perylene-d12	37.27	264	716496	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	192	0.00	ug/l	0.38
Spiked Amount	75.000		Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.30	152	4969	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	18.82	172	2220	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	0.00	244	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Pyridine	5.16	79	171	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

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Data File : C:\HPCHEM\1\DATA\OCT0401\23123.D

Vial: 6

Acq On : 4 Oct 2001 8:25 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 12:09 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	0.00	149	0	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	25.11	178	346	N.D.	
56) Anthracene	25.11	178	346	N.D.	
57) Di-n-butylphthalate	27.10	149	62107	0.58 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

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Data File : C:\HPCHEM\1\DATA\OCT0401\23123.D
Acq On : 4 Oct 2001 8:25 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 9 12:09 2001

Vial: 6
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
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	2333	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.41	149	47341	0.76 ug/l	95
67) Chrysene	33.15	228	2333	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	2680	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
23123.D NP091101.M Tue Oct 09 15:33:51 2001

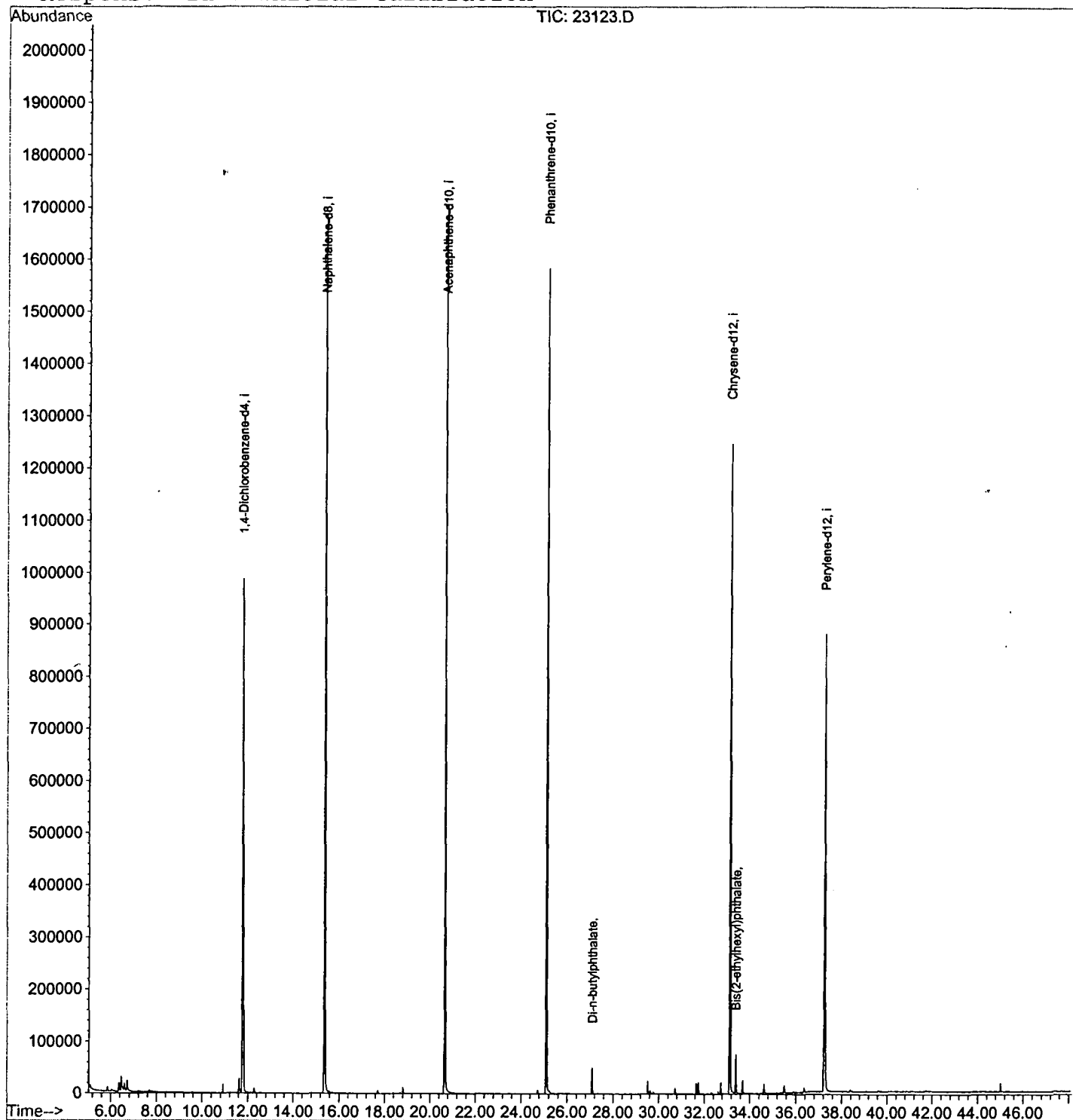
Page 3

Data File : C:\HPCHEM\1\DATA\OCT0401\23123.D
 Acq On : 4 Oct 2001 8:25 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 9 12:09 2001

Vial: 6
 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



Data File : C:\HPCHEM\1\DATA\OCT0401\23123.D

Vial: 6

Acq On : 4 Oct 2001 8:25 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	6.476	153	156	160	rBV	26297	54192	1.45%	0.278%
2	6.724	180	183	193	rVB	18866	44589	1.19%	0.229%
3	11.644	714	719	729	rBV	26698	67901	1.81%	0.349%
4	11.782	729	734	751	rBV	987010	2627730	70.23%	13.495%
5	15.399	1122	1128	1146	rBV	1684334	3621923	96.80%	18.601%
6	20.687	1697	1704	1721	rBV	1706124	3741630	100.00%	19.216%
7	25.112	2179	2186	2197	rBV	1583446	3371186	90.10%	17.313%
8	27.104	2398	2403	2410	rVB	50474	98199	2.62%	0.504%
9	29.528	2663	2667	2673	rBV2	24614	45335	1.21%	0.233%
10	31.758	2905	2910	2917	rBV	21949	43463	1.16%	0.223%
11	32.759	3013	3019	3025	rVB	22518	43751	1.17%	0.225%
12	33.154	3054	3062	3072	rBV	1247066	2882212	77.03%	14.802%
13	33.411	3085	3090	3097	rVB	73595	148856	3.98%	0.764%
14	33.714	3115	3123	3128	rBV3	25749	56684	1.51%	0.291%
15	34.632	3219	3223	3232	rVB	17985	40478	1.08%	0.208%
16	37.267	3501	3510	3527	rBV2	877415	2583710	69.05%	13.269%

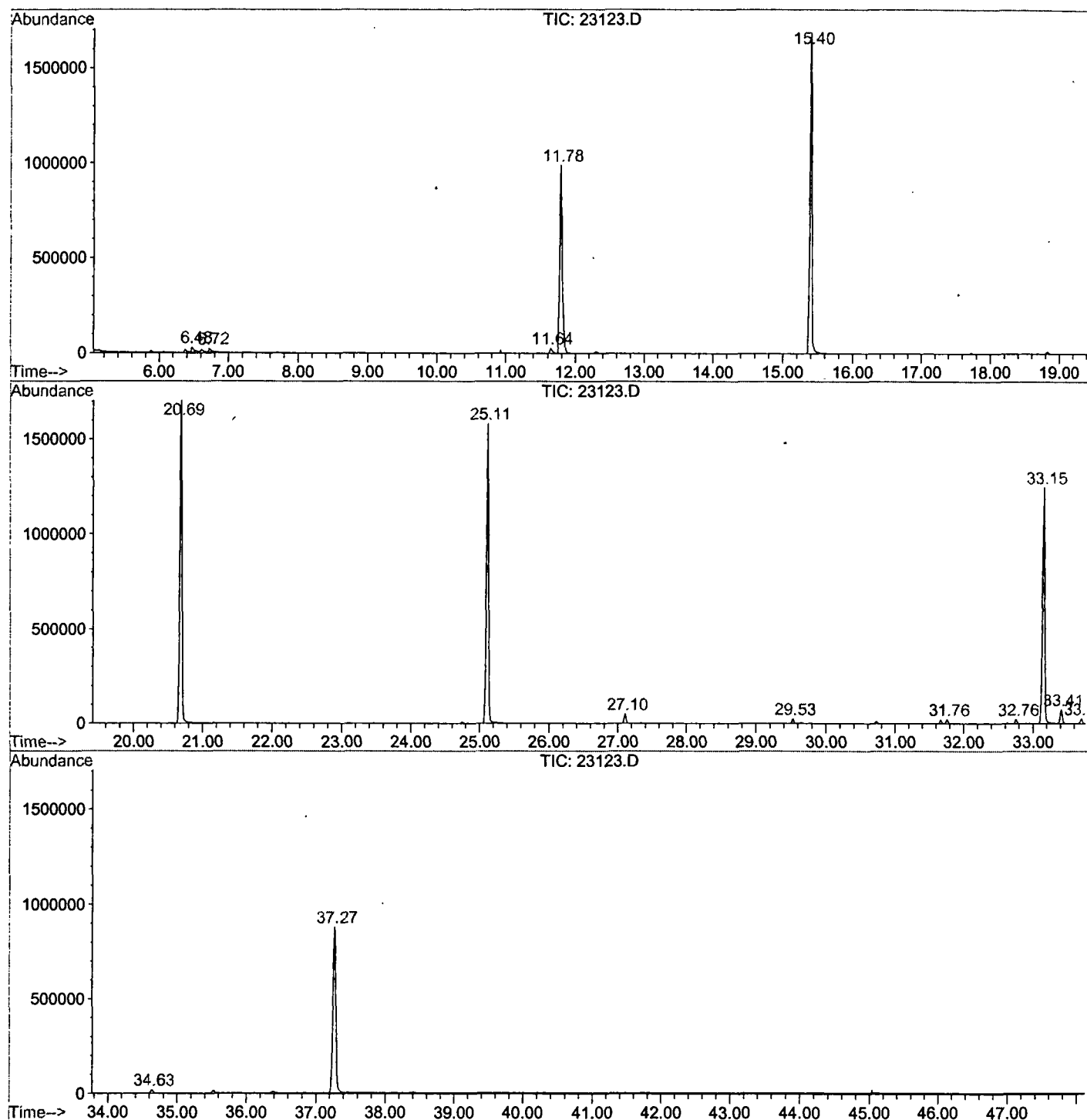
Sum of corrected areas: 19471839

23123.D NP091101.M

Tue Oct 09 12:32:10 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT0401\23123.D
Operator : 209 GALOS
Acquired : 4 Oct 2001 8:25 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 6
Quant File :NP091101.RES (RTE Integrator)



23123.D NP091101.M

Tue Oct 09 12:32:18 2001

Data File : C:\HPCHEM\1\DATA\OCT0401\23123.D
Acq On : 4 Oct 2001 8:25 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

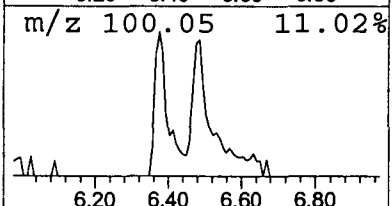
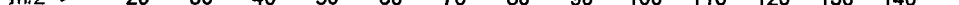
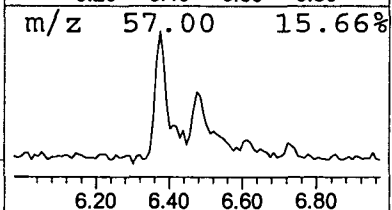
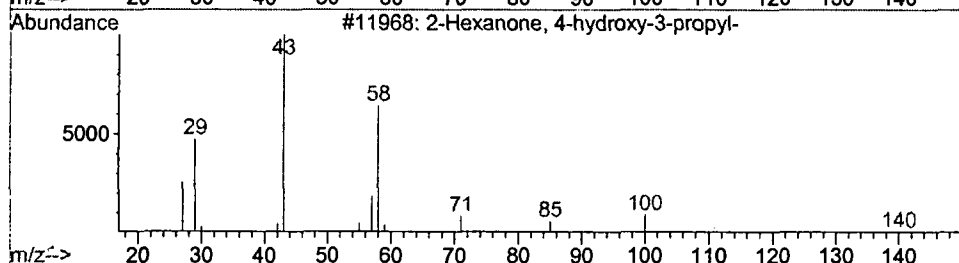
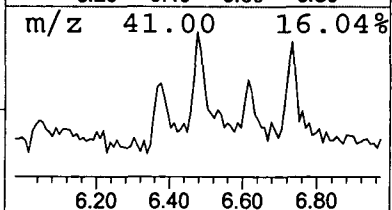
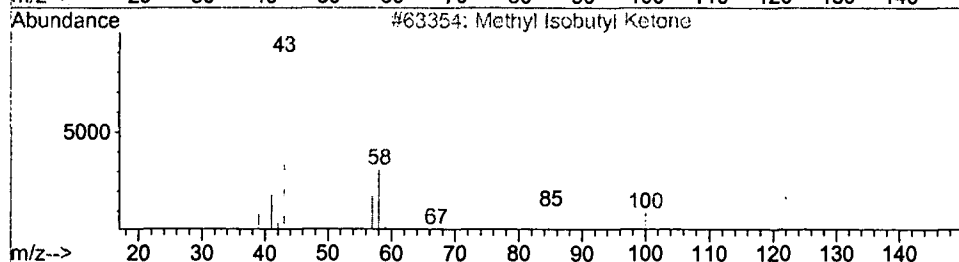
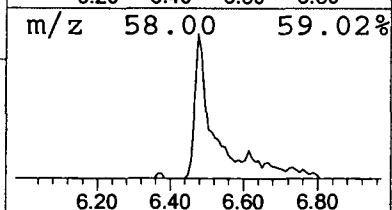
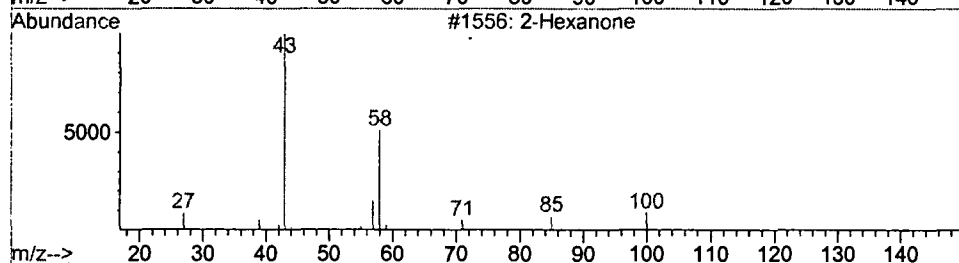
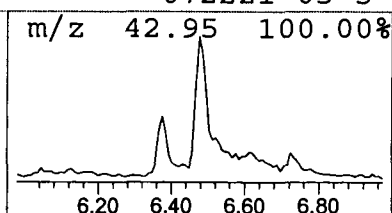
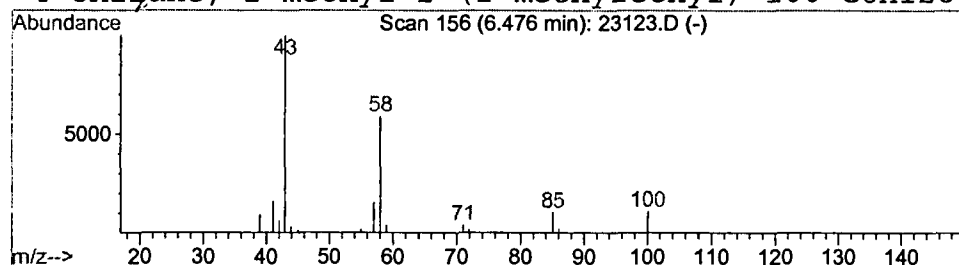
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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	0.41 ug/l	54192	1,4-Dichlorobenzene-d4	11.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	87
2			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
3			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	56
4			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	45



Data File : C:\HPCHEM\1\DATA\OCT0401\23123.D

Acq On : 4 Oct 2001 8:25 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 6

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

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

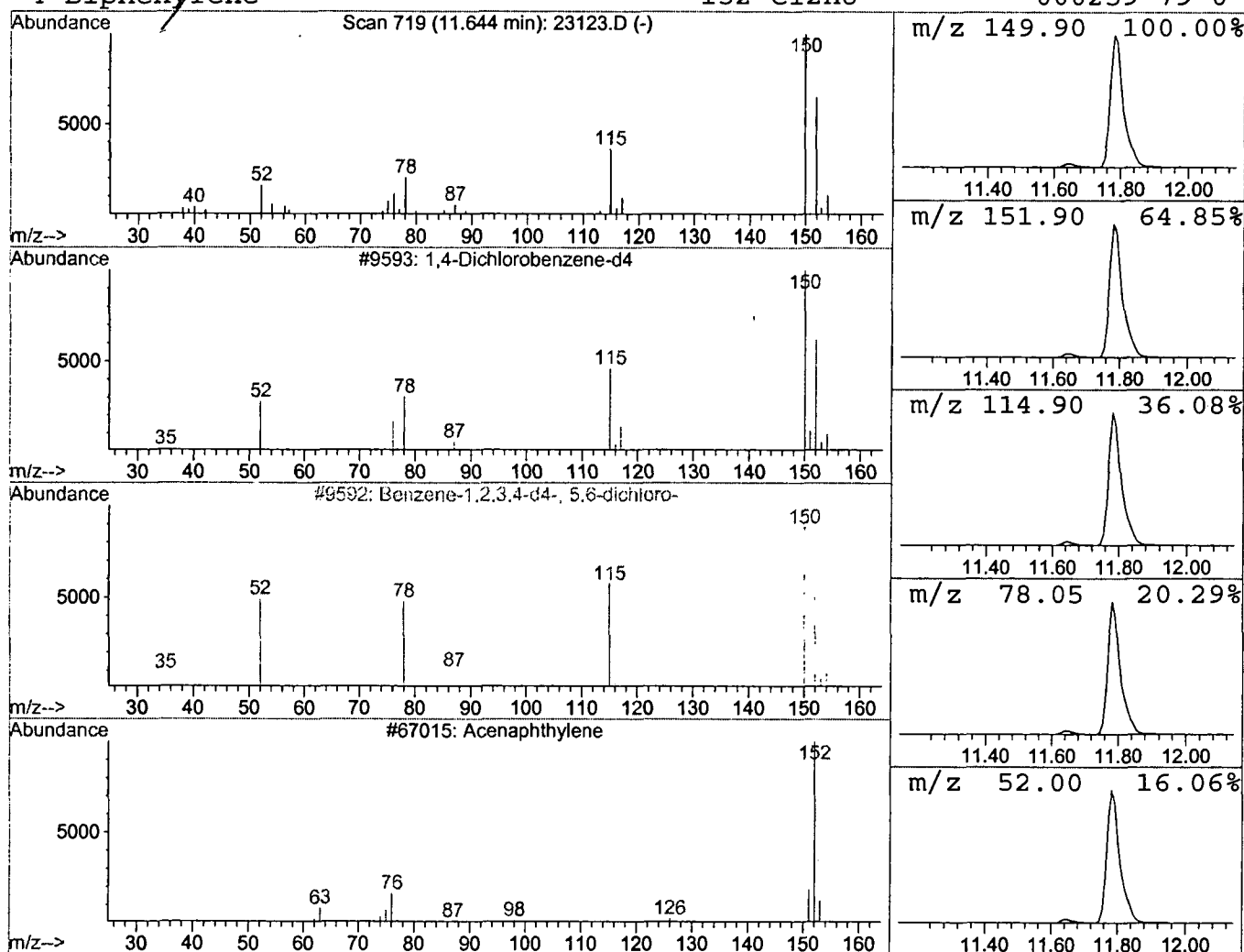
Title : 209 625/TCLP calibration table 7/16/01

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	0.52 ug/l	67901	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	38
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 8:25 pm
Data File: C:\HPCHEM\1\DATA\OCT0401\23123.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	54192	ISTD01	11.78	2627730	20.0
1,4-Dichlorobenzene-	11.64	0.5	ug/l	67901	ISTD01	11.78	2627730	20.0

23123.D NP091101.M Tue Oct 09 12:32:40 2001

Comments for Sample AD23123 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 10-12-2001 Time: 10:09:42

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does reveal the presence of non-target compounds at levels relatively less than other samples. These hydrocarbons do not appear to be present in the Laboratory Blank. However, these hydrocarbons were present in previous Laboratory Blanks, and also some samples, analyzed for this NYCDEP project. An investigation is being made to determine the source of these hydrocarbons, if other than the samples themselves, i.e. laboratory equipment and reagents.