

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/17/2001 Time: 09:55:32

Sample: AD23699
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/17/01 09:55 Ended: 10/17/01 09:55 Analyst: MG
Page: 1

	Component Name	Viol	Result
f	Other unknown compounds		see comment

Comments for Sample AD23699 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-17-2001 Time: 09:57:03

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\OCT1501\23699.D

Vial: 12

Acq On : 15 Oct 2001 10:57 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 16 14:38 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 : Fri Oct 12 09:04:47 2001

Response via : Initial Calibration

DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.77	152	360477	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1408559	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.65	164	668077	20.00	ug/l	-0.16
49) Phenanthrene-d10	25.08	188	958644	20.00	ug/l	-0.16
59) Chrysene-d12	33.12	240	690388	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	508068	20.00	ug/l	-0.19

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	0.00	132	0	0.00	ug/l	
Spiked Amount 75.000			Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.28	152	3692	0.21	ug/l	-0.15
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	18.80	172	1326	0.03	ug/l	-0.01
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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1501\23699.D

Acq On : 15 Oct 2001 10:57 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 16 14:38 2001

Vial: 12

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 : Fri Oct 12 09:04:47 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	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	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.09	149	2696	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	33.11	228	1559	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.39	149	2576	N.D.		
67) Chrysene	33.11	228	1559	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\OCT1501\23699.D

Acq On : 15 Oct 2001 10:57 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 16 14:38 2001

Vial: 12

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 : Fri Oct 12 09:04:47 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	37.23	252	1938	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
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Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23699.D

Acq On : 15 Oct 2001 10:57 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 16 14:38 2001

Vial: 12

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

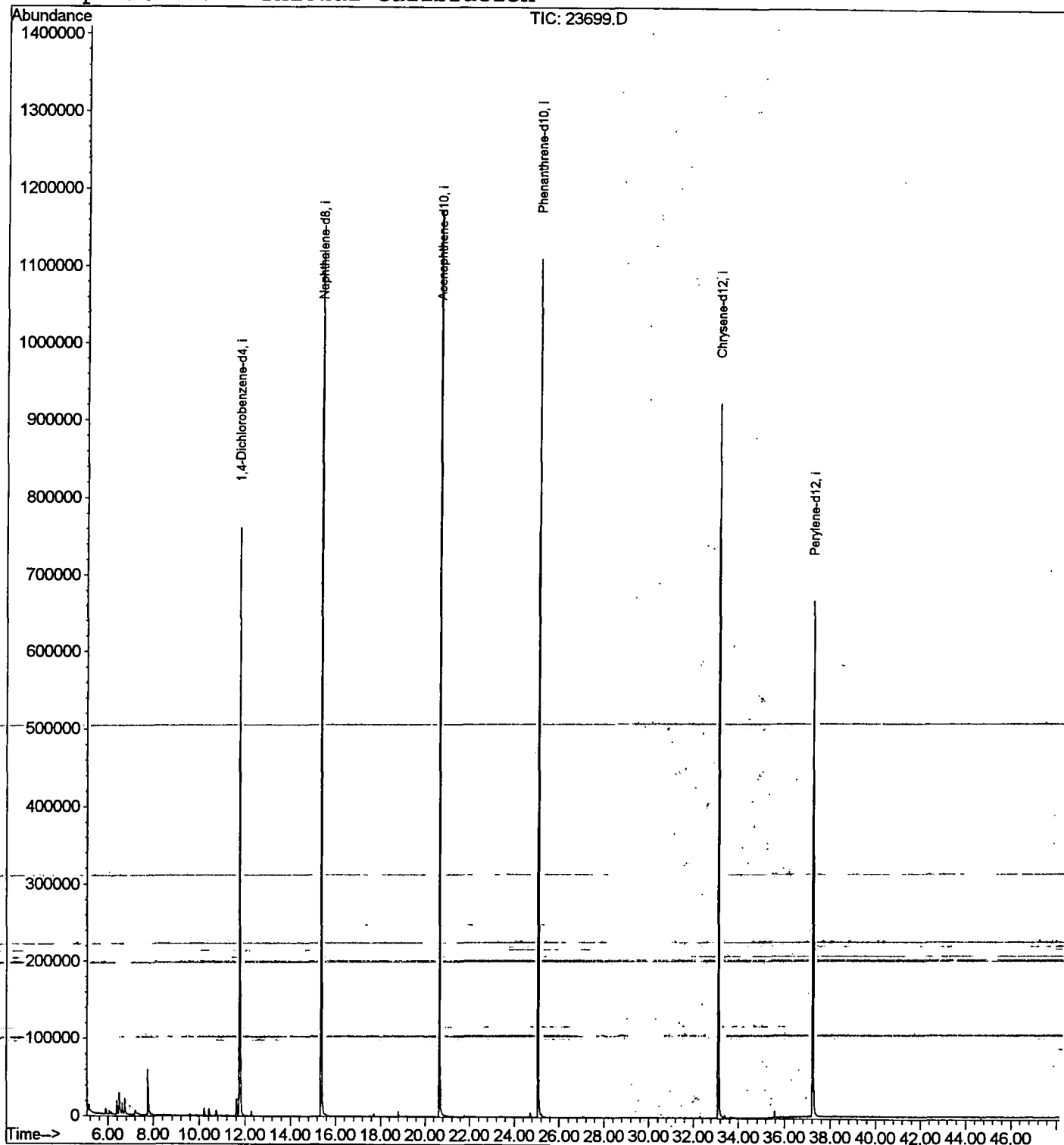
Quant Results File: NP091101.RES

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

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

Last Update : Fri Oct 12 09:04:47 2001

Response via : Initial Calibration



23699.D NP091101.M

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23699.D
Acq On : 15 Oct 2001 10:57 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
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	6.387	143	147	154	rBV	17907	35610	1.34%	0.256%
2	6.497	154	159	167	rVV	28116	70545	2.66%	0.507%
3	6.626	169	173	179	rVV	14428	31386	1.18%	0.226%
4	6.736	181	185	195	rVB	19741	43096	1.62%	0.310%
5	7.755	292	296	310	rBV	58067	138768	5.22%	0.998%
6	11.620	713	717	727	rVB	21649	47834	1.80%	0.344%
7	11.766	727	733	746	rBV	761167	1876233	70.62%	13.496%
8	15.374	1119	1126	1138	rBV	1118330	2564410	96.52%	18.447%
9	20.653	1694	1701	1716	rBV	1173836	2656878	100.00%	19.112%
10	25.078	2176	2183	2197	rBV2	1110607	2483687	93.48%	17.866%
11	33.120	3052	3059	3073	rBV2	923977	2123110	79.91%	15.272%
12	37.233	3499	3507	3521	rBV	666918	1830106	68.88%	13.165%

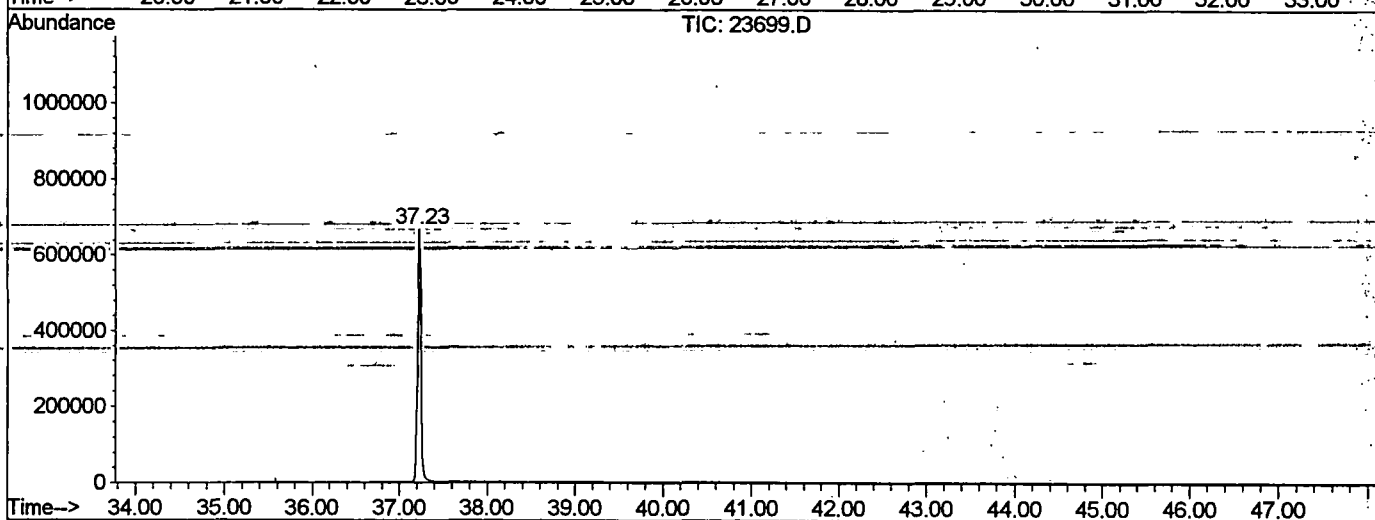
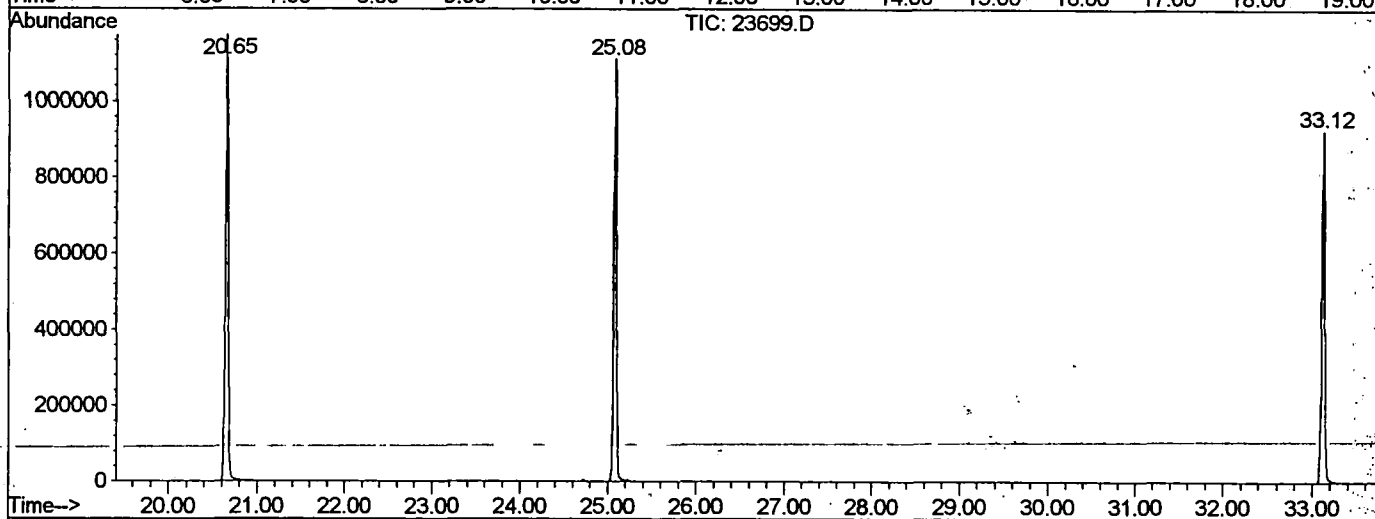
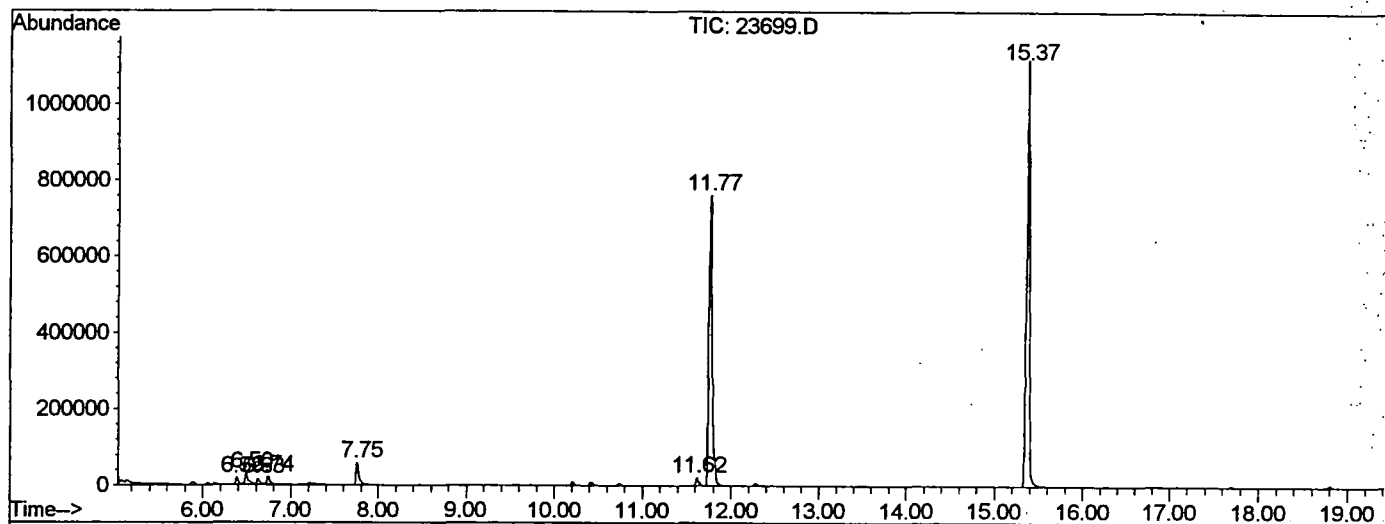
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23699.D NP091101.M

Tue Oct 16 15:10:48 2001

LSC-Report---Integrated-Chromatogram

File : C:\HPCHEM\1\DATA\OCT1501\23699.D
Operator : 209 GALOS
Acquired : 15 Oct 2001 10:57 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 12
Quant File :NP091101.RES (RTE Integrator)



23699.D NP091101.M Tue Oct 16 15:10:51 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23699.D

Acq On : 15 Oct 2001 10:57 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 12

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

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

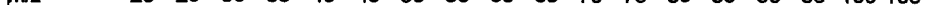
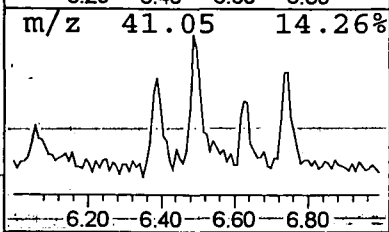
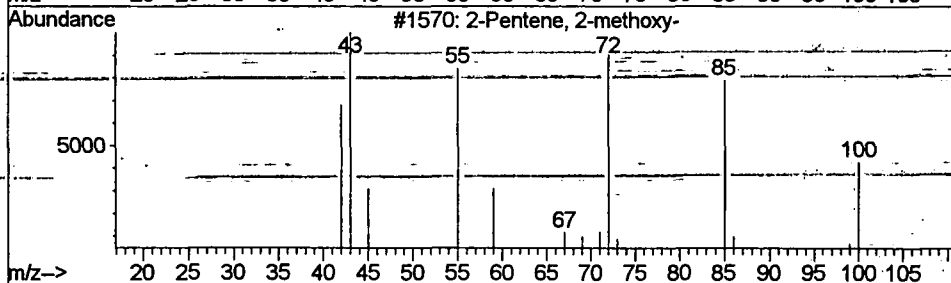
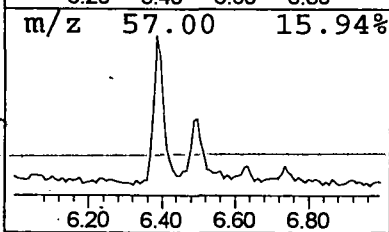
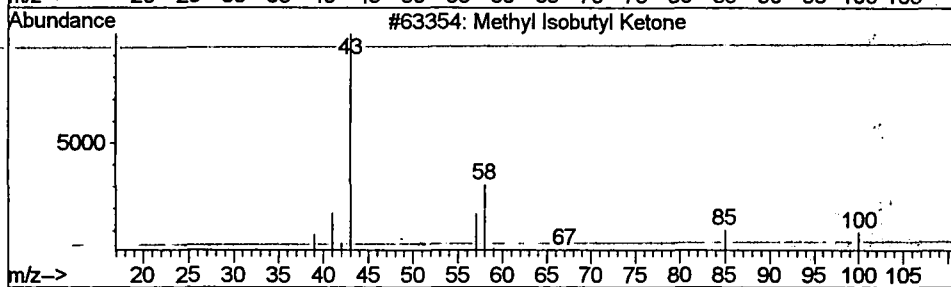
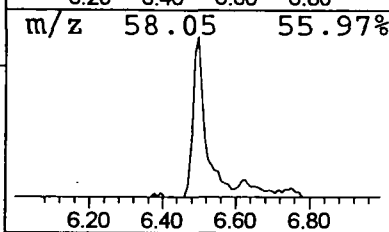
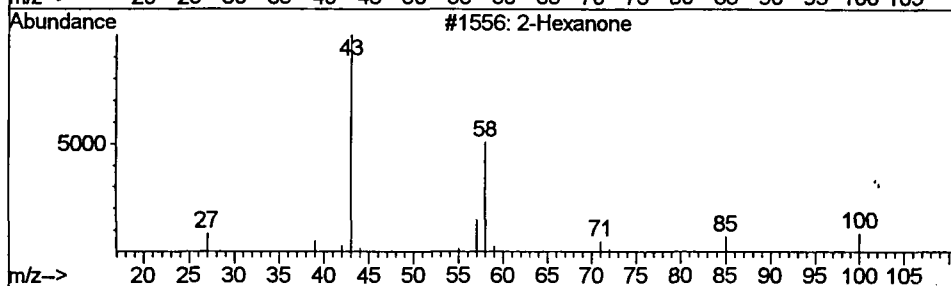
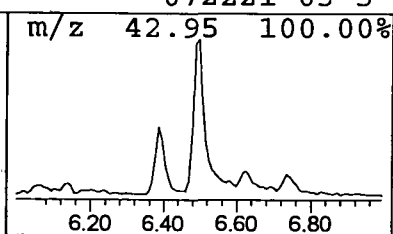
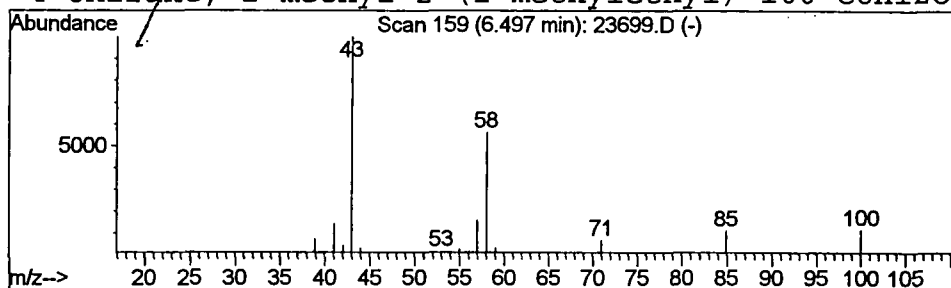
Title : 209 625/TCLP calibration table 7/16/01

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.75 ug/l	70545	1,4-Dichlorobenzene-d4	11.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	91
2			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64
3			2-Pentene, 2-methoxy-	100	C6H12O	061142-47-0	46
4			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	45



Library Search Compound Report

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Acq On : 15 Oct 2001 10:57 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 12

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

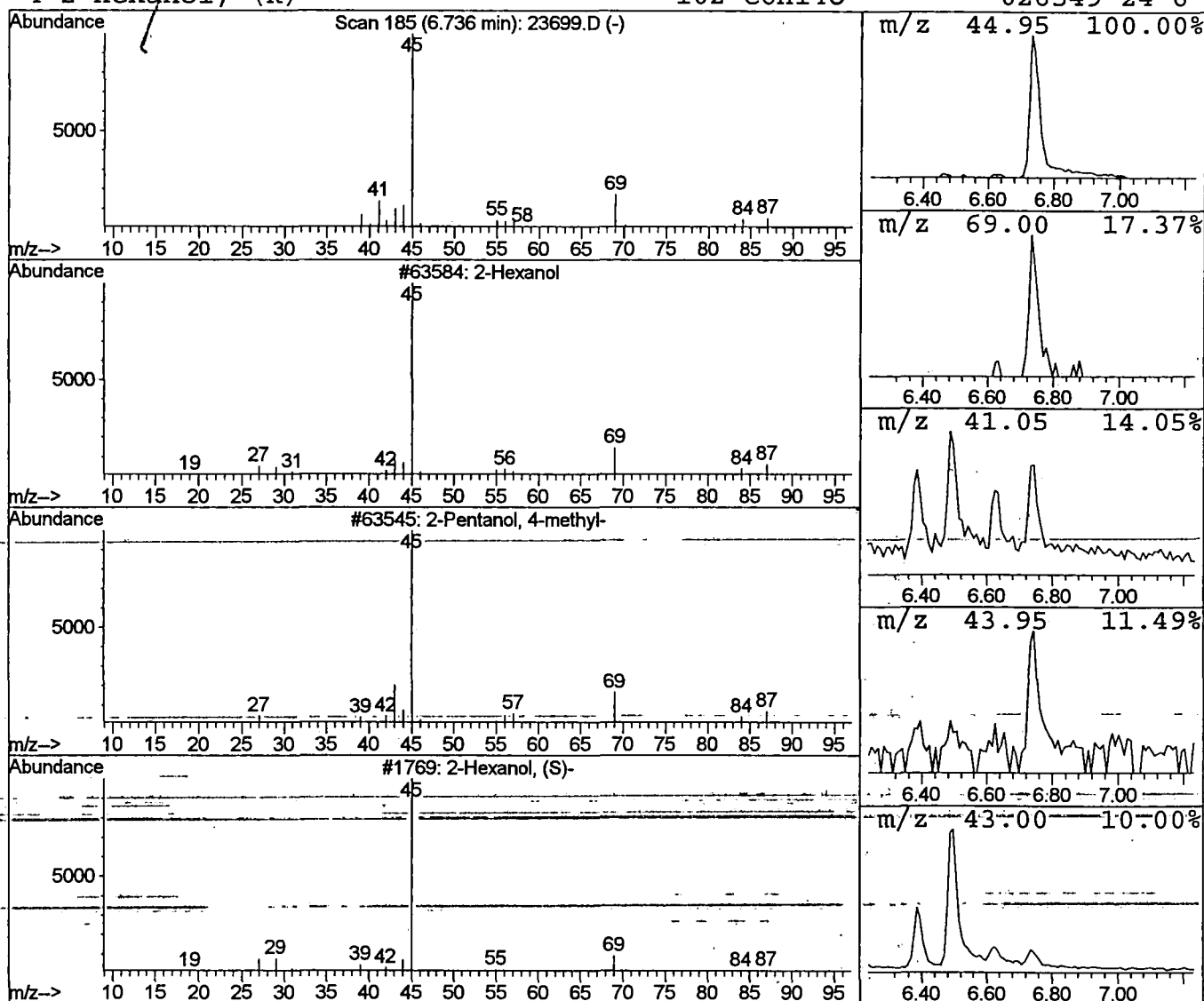
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

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

Library : C:\DATABASE\NBS75K.L

Peak Number 2 2-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.74	0.46 ug/l	43096	1,4-Dichlorobenzene-d4	11.77	
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	74
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	74
4	2-Hexanol, (R)-	102	C6H14O	026549-24-6	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23699.D
Acq On : 15 Oct 2001 10:57 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

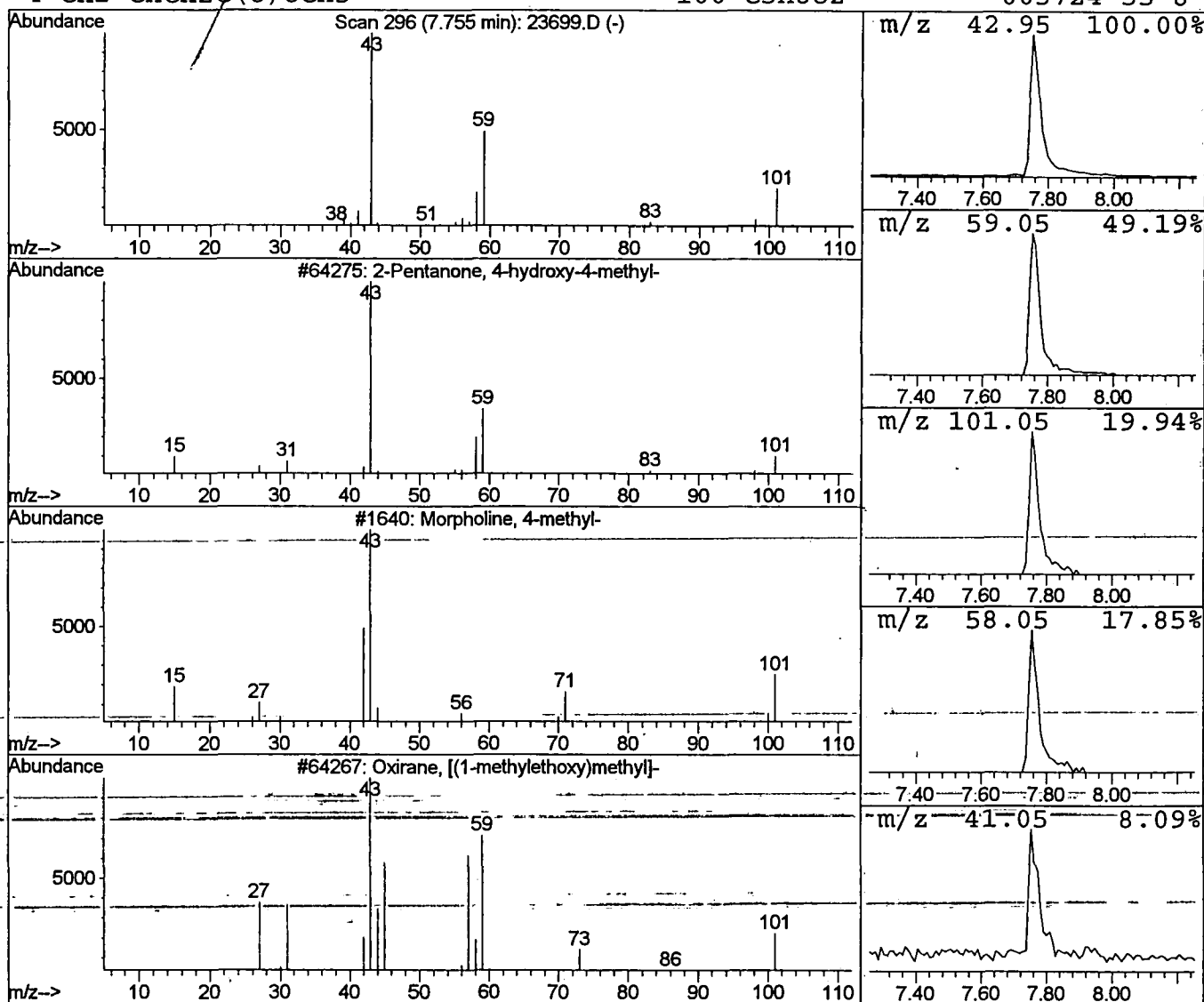
Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	1.48 ug/l	138768	1,4-Dichlorobenzene-d4	11.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
4			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9



Library Search Compound Report

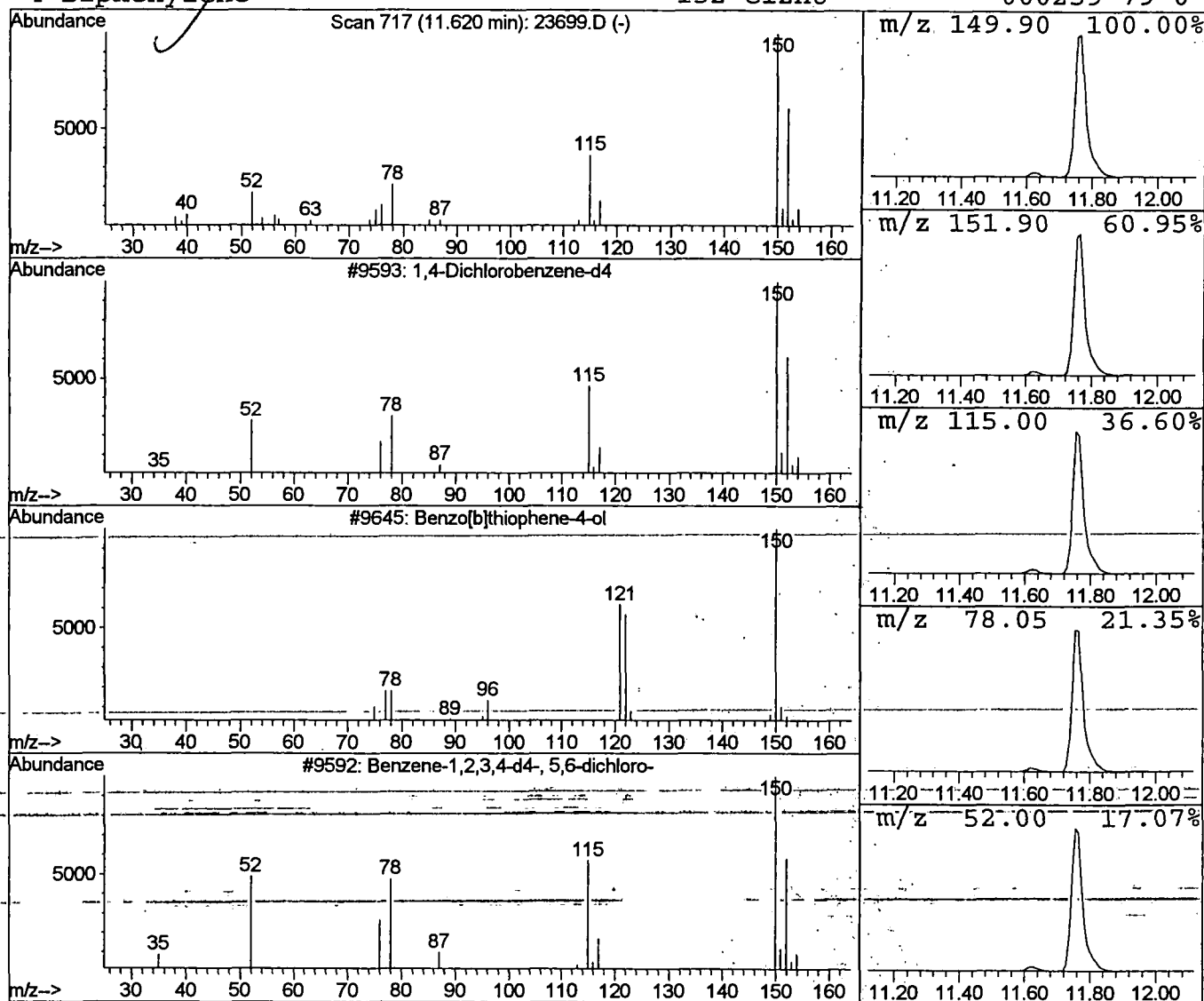
Data File : C:\HPCHEM\1\DATA\OCT1501\23699.D
Acq On : 15 Oct 2001 10:57 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.62	0.51 ug/l	47834	1,4-Dichlorobenzene-d4	11.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2	Benzo[b]thiophene-4-ol	150	C8H6OS	003610-02-4	37
3	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	17
4	Biphenylene	152	C12H8	000259-79-0	9



-- Tentatively Identified Compound (LSC) summary --

Operator ID: 209 GALOS Date Acquired: 15 Oct 2001 10:57 pm
Data File: C:\HPCHEM\1\DATA\OCT1501\23699.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	6.50	0.8	ug/l	70545	ISTD01	11.77	1876230	20.0
2-Hexanol	6.74	0.5	ug/l	43096	ISTD01	11.77	1876230	20.0
2-Pentanone, 4-hydro	7.75	1.5	ug/l	138768	ISTD01	11.77	1876230	20.0
1,4-Dichlorobenzene-	11.62	0.5	ug/l	47834	ISTD01	11.77	1876230	20.0

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