

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/23/2001 Time: 14:25:19

Sample: AD23901
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/23/01 14:24 Ended: 10/23/01 14:24 Analyst: MG
 Page: 1

Component Name	Vol	Result
Other unknown compounds		see comment

Comments for Sample AD23901 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-23-2001 Time: 14:25:23

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\OCT1701\23901.D

Vial: 6

Acq On : 17 Oct 2001 6:11 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 19 16:58 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	380854	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1467850m	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	706198	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.09	188	1018634	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	767158	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	569374	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	11.76	132	106	0.00	ug/l	0.35
Spiked Amount	75.000		Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.29	152	3617	0.19	ug/l	-0.14
Spiked Amount	50.000		Recovery	=	0.38%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.81	172	1559	0.03	ug/l	0.00
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

23901.D NP091101.M Fri Oct 19 16:58:58 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23901.D

Vial: 6

Acq On : 17 Oct 2001 6:11 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 19 16:58 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

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	22.17	149	239	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	25.09	178	324	N.D.		
56) Anthracene	25.09	178	324	N.D.		
57) Di-n-butylphthalate	27.08	149	2389	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	33.13	228	1733	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.39	149	1852	N.D.		
67) Chrysene	33.13	228	1733	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

23901.D NP091101.M Fri Oct 19 16:59:02 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23901.D

Vial: 6

Acq On : 17 Oct 2001 6:11 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 19 16:58 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

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	2326	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
23901.D NP091101.M Fri Oct 19 16:59:03 2001

Page 3

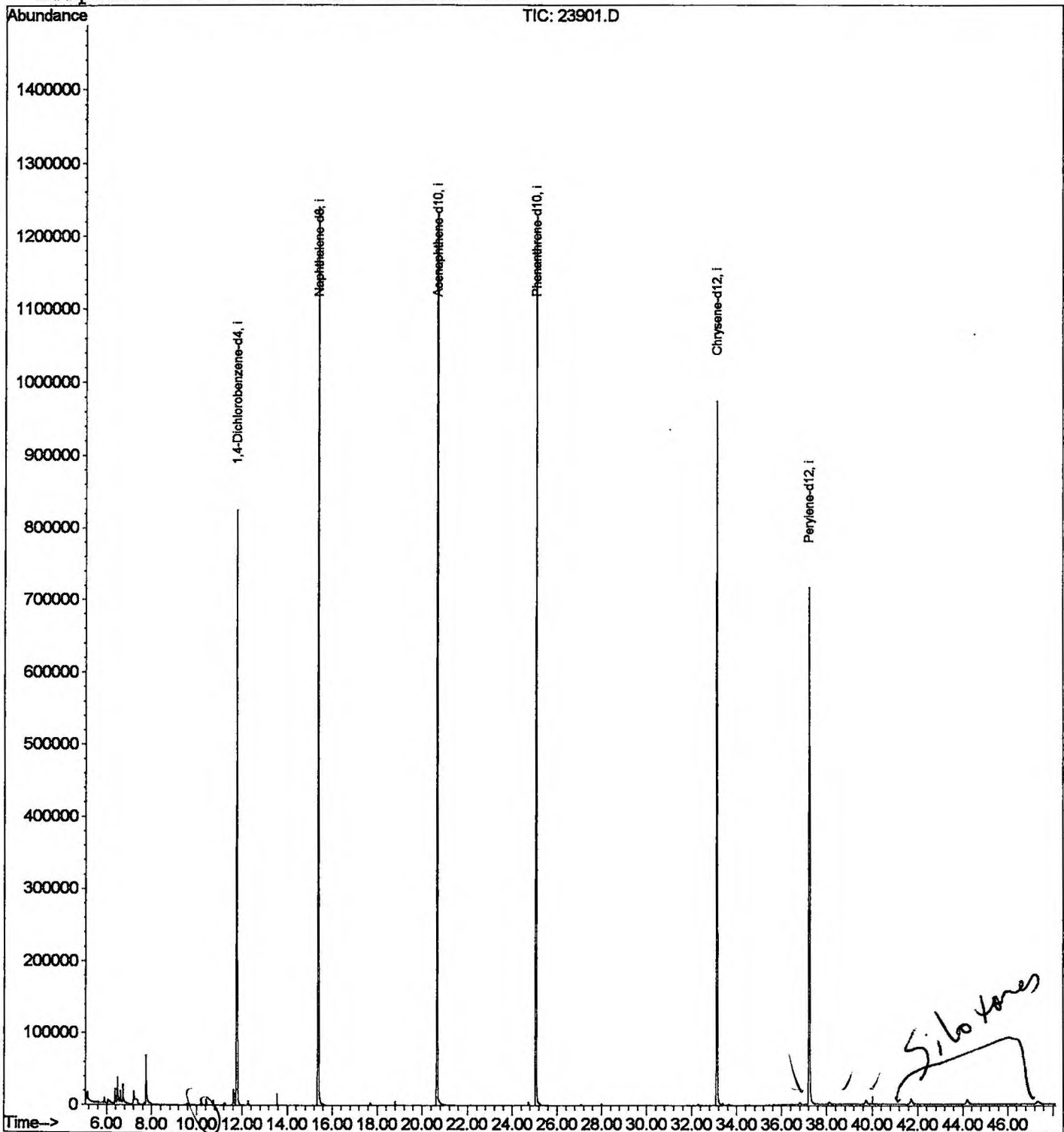
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23901.D
Acq On : 17 Oct 2001 6:11 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 19 16:58 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 : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23901.D

Acq On : 17 Oct 2001 6:11 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 6

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP101901.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	142	147	153	rBV	20934	39530	1.41%	0.262%
2	6.488	153	158	169	rVV	35870	90500	3.23%	0.600%
3	6.626	169	173	179	rVV	17027	37995	1.35%	0.252%
4	6.736	181	185	194	rVB	25179	52505	1.87%	0.348%
5	7.222	231	238	242	rBV	17913	50568	1.80%	0.335%
6	7.755	292	296	310	rBV	67357	162784	5.80%	1.079%
7	11.629	713	718	727	rVB	21547	50893	1.81%	0.337%
8	11.767	727	733	751	rBV	824555	2005372	71.51%	13.287%
9	15.375	1120	1126	1144	rBV	1239775	2709266	96.60%	17.950%
10	20.662	1695	1702	1719	rBV	1233003	2804480	100.00%	18.581%
11	25.087	2177	2184	2197	rBV	1209789	2590531	92.37%	17.164%
12	33.120	3052	3059	3079	rBV2	973926	2375872	84.72%	15.741%
13	37.233	3499	3507	3524	rBV2	714032	2050087	73.10%	13.583%
14	41.704	3985	3994	4004	rBV4	7813	37409	1.33%	0.248%
15	44.182	4253	4264	4272	rBV6	5973	35391	1.26%	0.234%

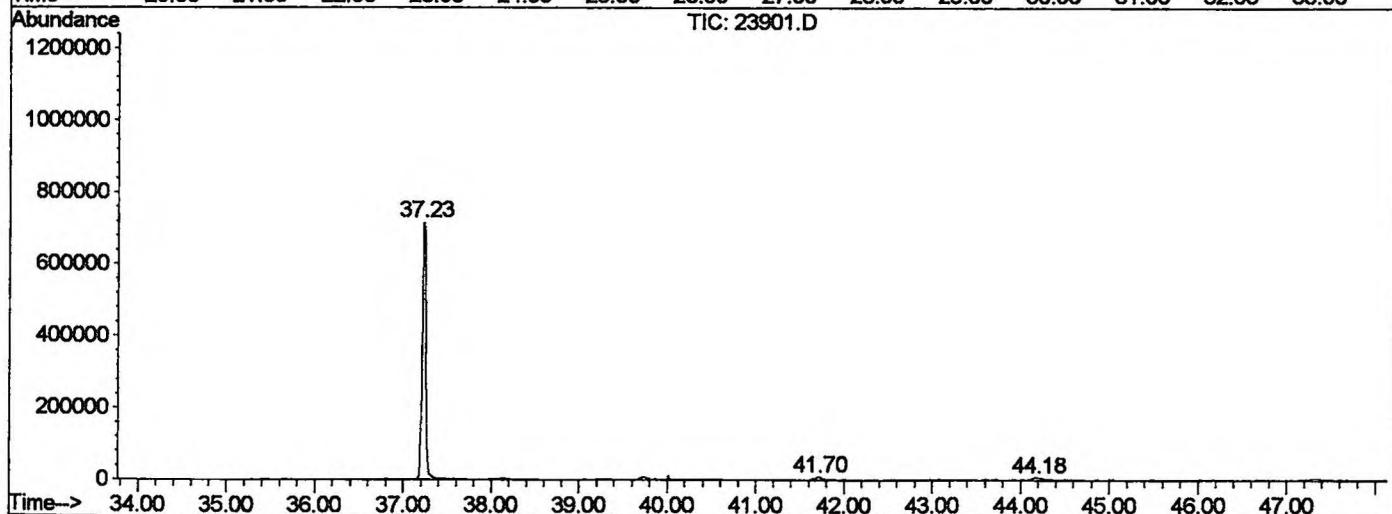
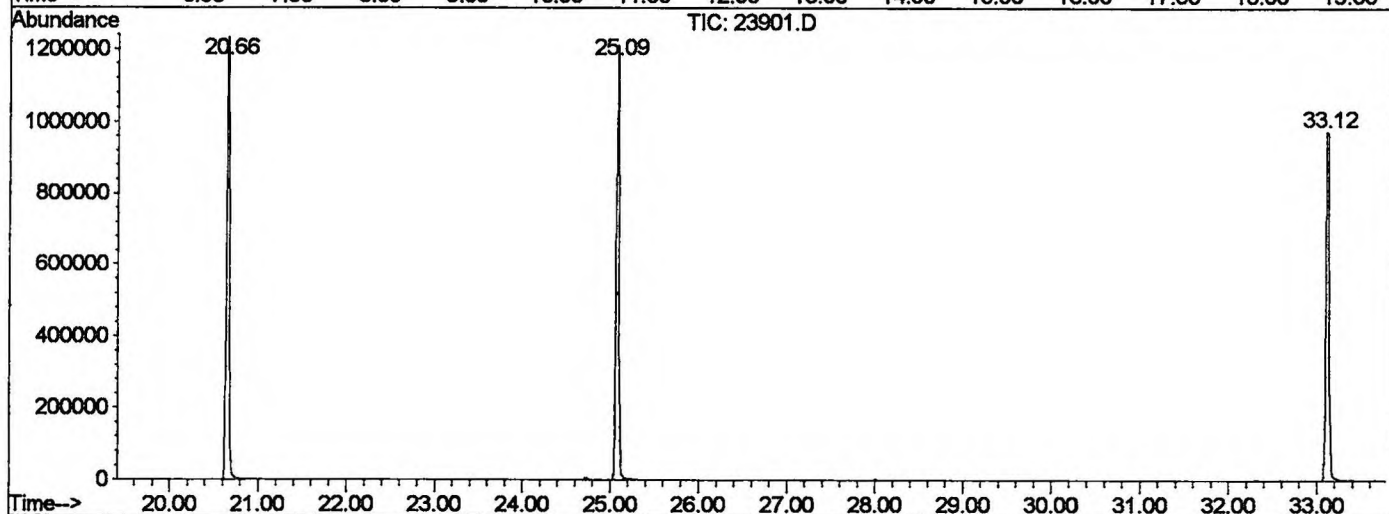
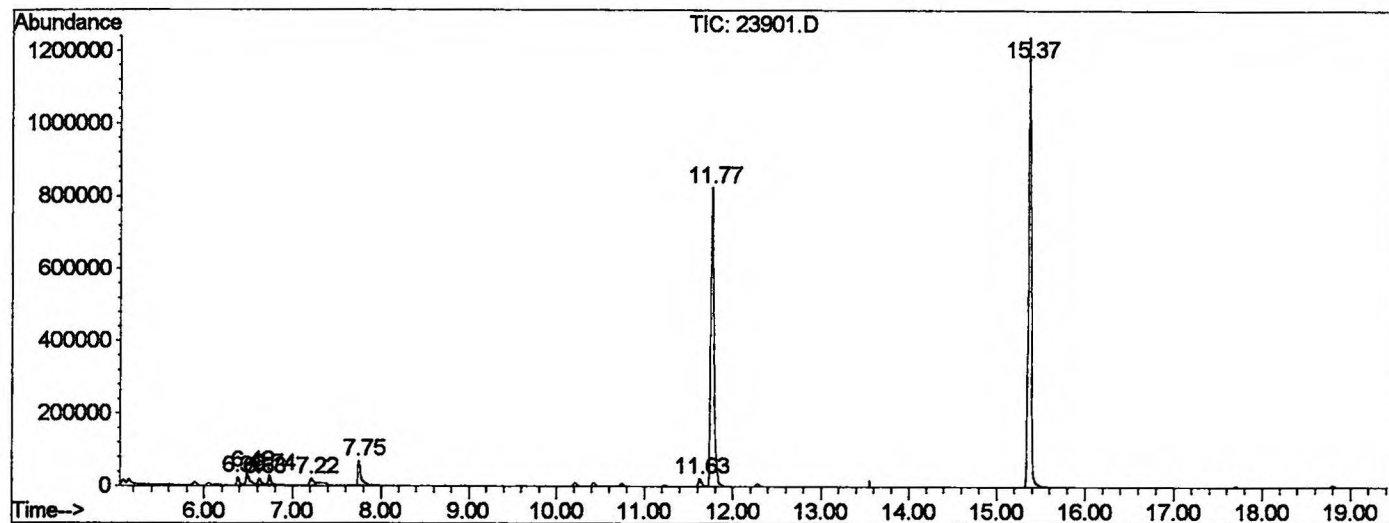
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23901.D NP101901.M

Tue Oct 23 12:47:18 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1701\23901.D
 Operator : 209 GALOS
 Acquired : 17 Oct 2001 6:11 pm using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 6
 Quant File :NP091101.RES (RTE Integrator)



23901.D NP101901.M Tue Oct 23 12:47:20 2001

Library Search Compound Report

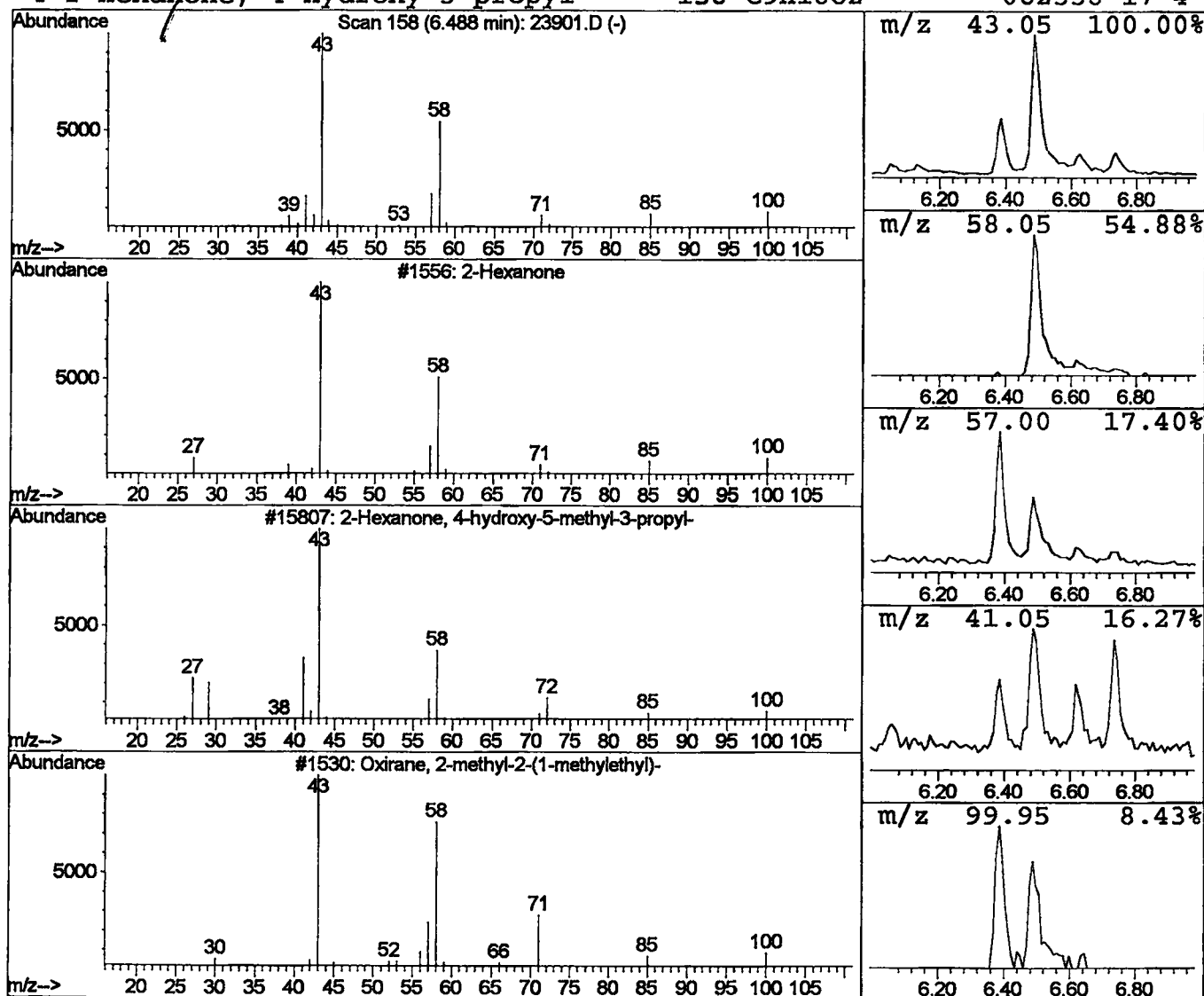
Data File : C:\HPCHEM\1\DATA\OCT1701\23901.D
Acq On : 17 Oct 2001 6:11 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

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.	
6.49	0.90 ug/l	90500	1,4-Dichlorobenzene-d4	11.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
2	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	74
3	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	72
4	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23901.D
Acq On : 17 Oct 2001 6:11 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

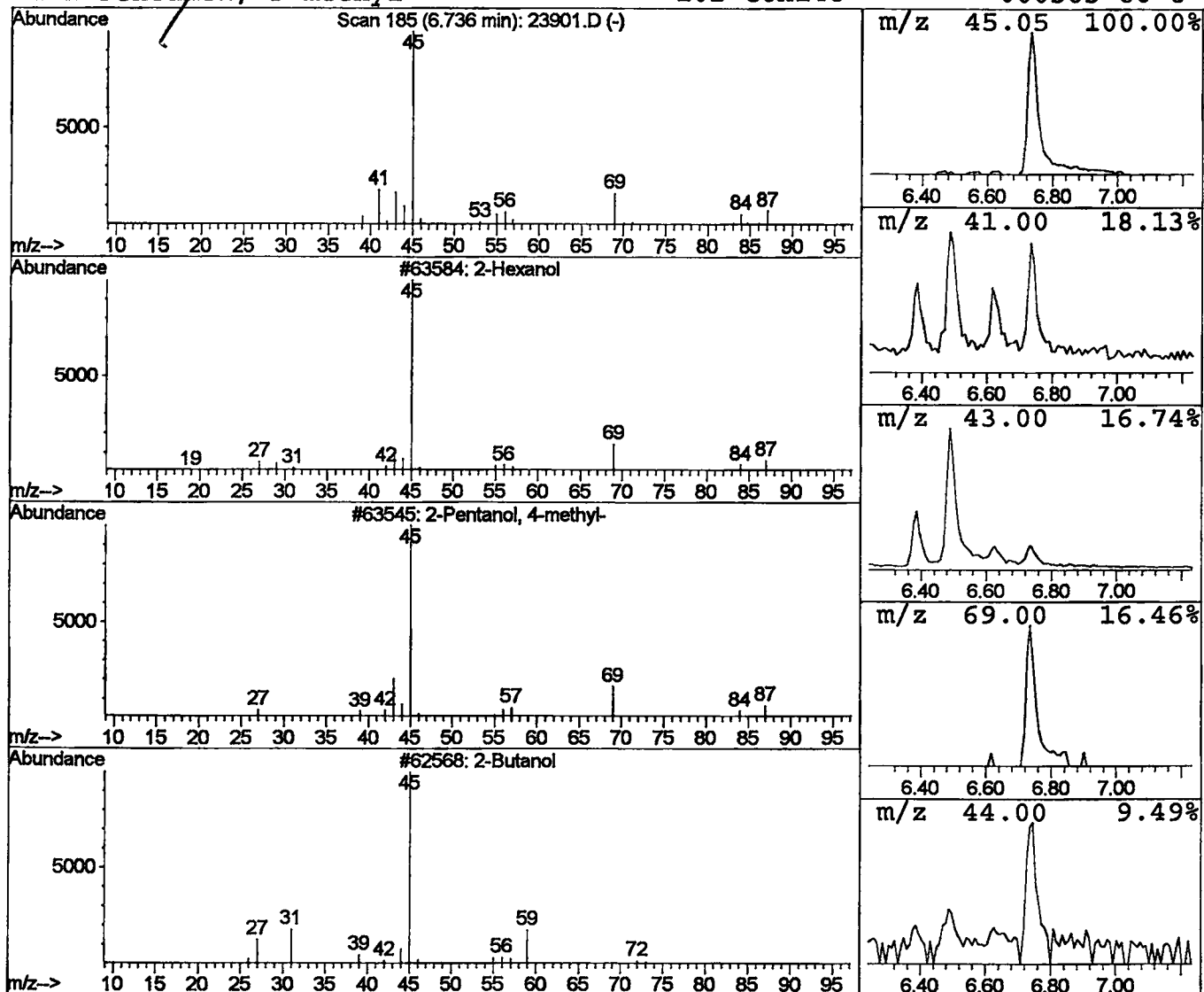
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.52 ug/l	52505	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-Butanol	74	C4H10O	000078-92-2	50
4			2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23901.D
Acq On : 17 Oct 2001 6:11 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

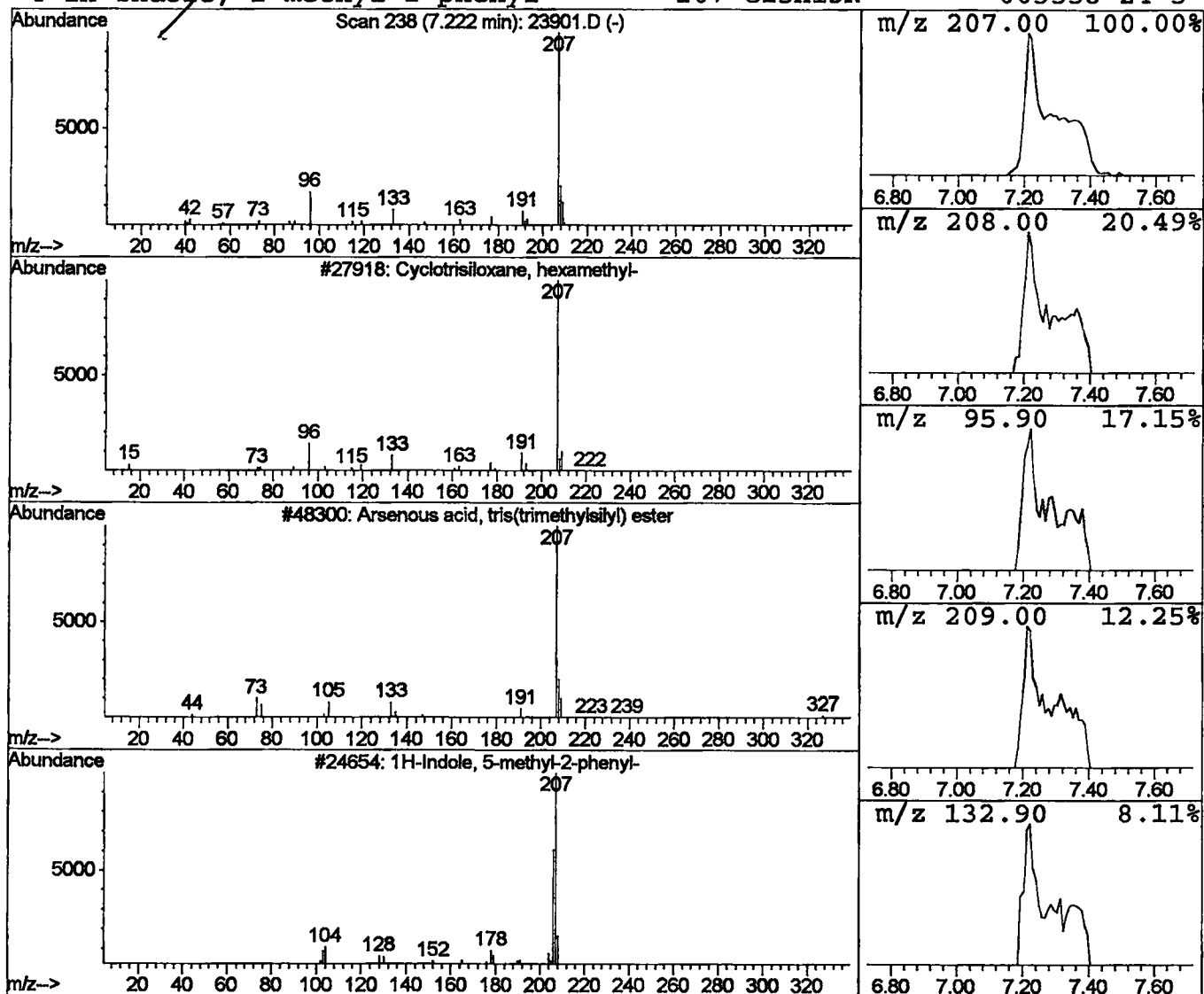
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	0.50 ug/l	50568	1,4-Dichlorobenzene-d4	11.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
2			Arsenous acid, tris(trimethylsilyl)	342	C9H27AsO3Si3	055429-29-3	56
3			1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	45
4			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23901.D
 Acq On : 17 Oct 2001 6:11 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

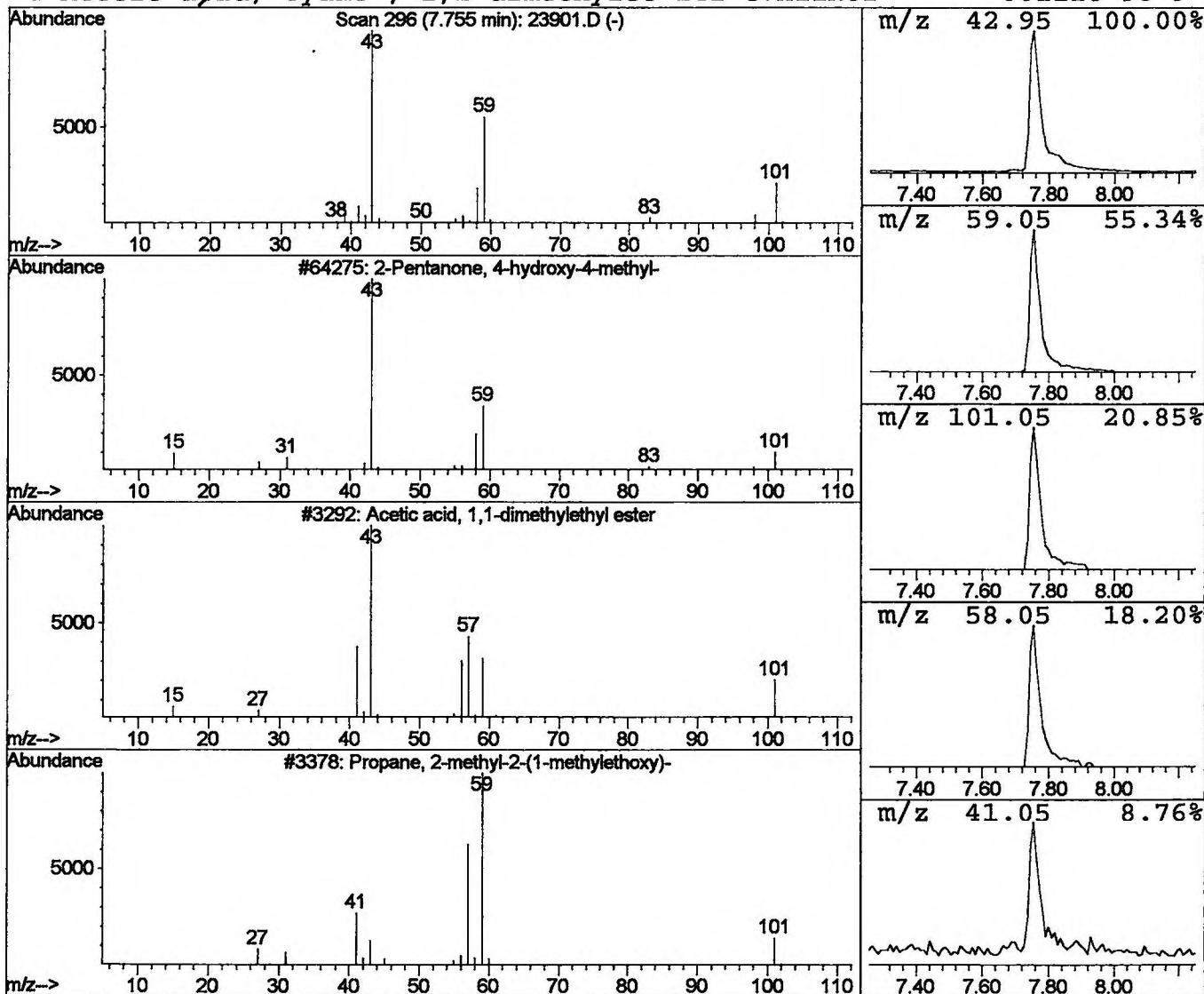
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 4 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	1.62 ug/l	162784	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	53
2			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3			Propane, 2-methyl-2-(1-methylethoxy	116	C7H16O	017348-59-3	28
4			Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23901.D
 Acq On : 17 Oct 2001 6:11 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

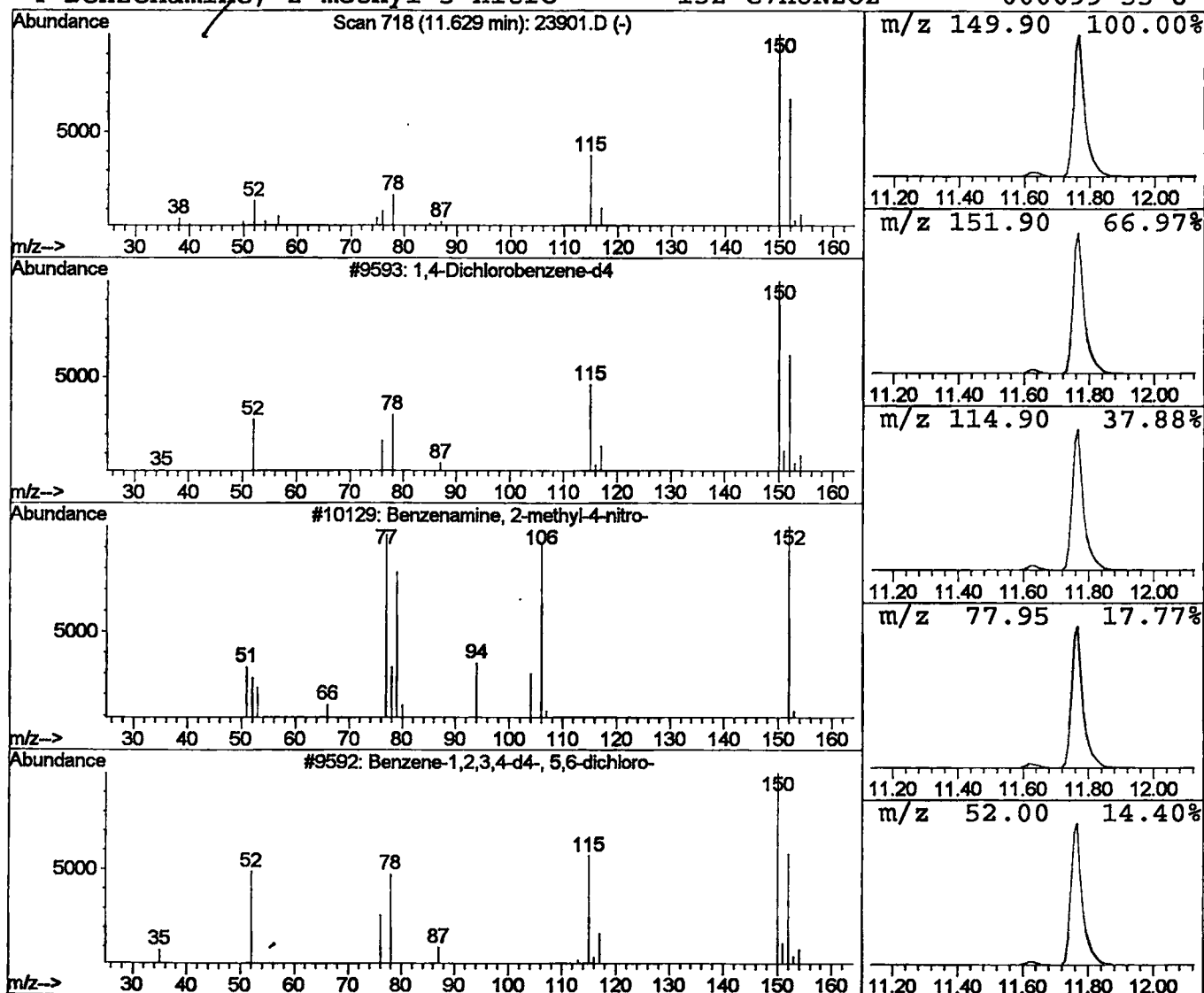
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 5 1,4-Dichlorobenzene-d4 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	0.51 ug/l	50893	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	56
2		Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	22
3		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	17
4		Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	14



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Oct 2001 6:11 pm
 Data File: C:\HPCHEM\1\DATA\OCT1701\23901.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	6.49	0.9	ug/l	90500	ISTD01	11.77	2005370	20.0
2-Hexanol	6.74	0.5	ug/l	52505	ISTD01	11.77	2005370	20.0
Cyclotrisiloxane, he	7.22	0.5	ug/l	50568	ISTD01	11.77	2005370	20.0
2-Pentanone, 4-hydro	7.75	1.6	ug/l	162784	ISTD01	11.77	2005370	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	50893	ISTD01	11.77	2005370	20.0

23901.D NP101901.M Tue Oct 23 12:47:33 2001