

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/23/2001 Time: 14:31:08

Sample: AD23904
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/23/01 14:29 Ended: 10/23/01 14:29 Analyst: MG
 Page: 1

Component Name	Vol	Result
Other unknown compounds		see comment

Comments for Sample AD23904 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-23-2001 Time: 14:31:14

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\23904.D

Vial: 9

Acq On : 17 Oct 2001 9:08 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 17 21:57 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	11.76	152	405314	20.00	ug/l	-0.15
19) Naphthalene-d8	15.38	136	1591015	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.65	164	754852	20.00	ug/l	-0.16
49) Phenanthrene-d10	25.09	188	1101852	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	763873	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	545520	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	4339	0.22	ug/l	-0.15
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	18.81	172	1513	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

23904.D NP101901.M Tue Oct 23 12:42:30 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23904.D

Acq On : 17 Oct 2001 9:08 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 17 21:57 2001

Vial: 9

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.		
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	25.09	178	182	N.D.		
57) Di-n-butylphthalate	27.08	149	1584	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	33.12	228	1936	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.39	149	819	N.D.		
67) Chrysene	33.12	228	1936	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\OCT1701\23904.D

Vial: 9

Acq On : 17 Oct 2001 9:08 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 17 21:57 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	37.24	252	2047	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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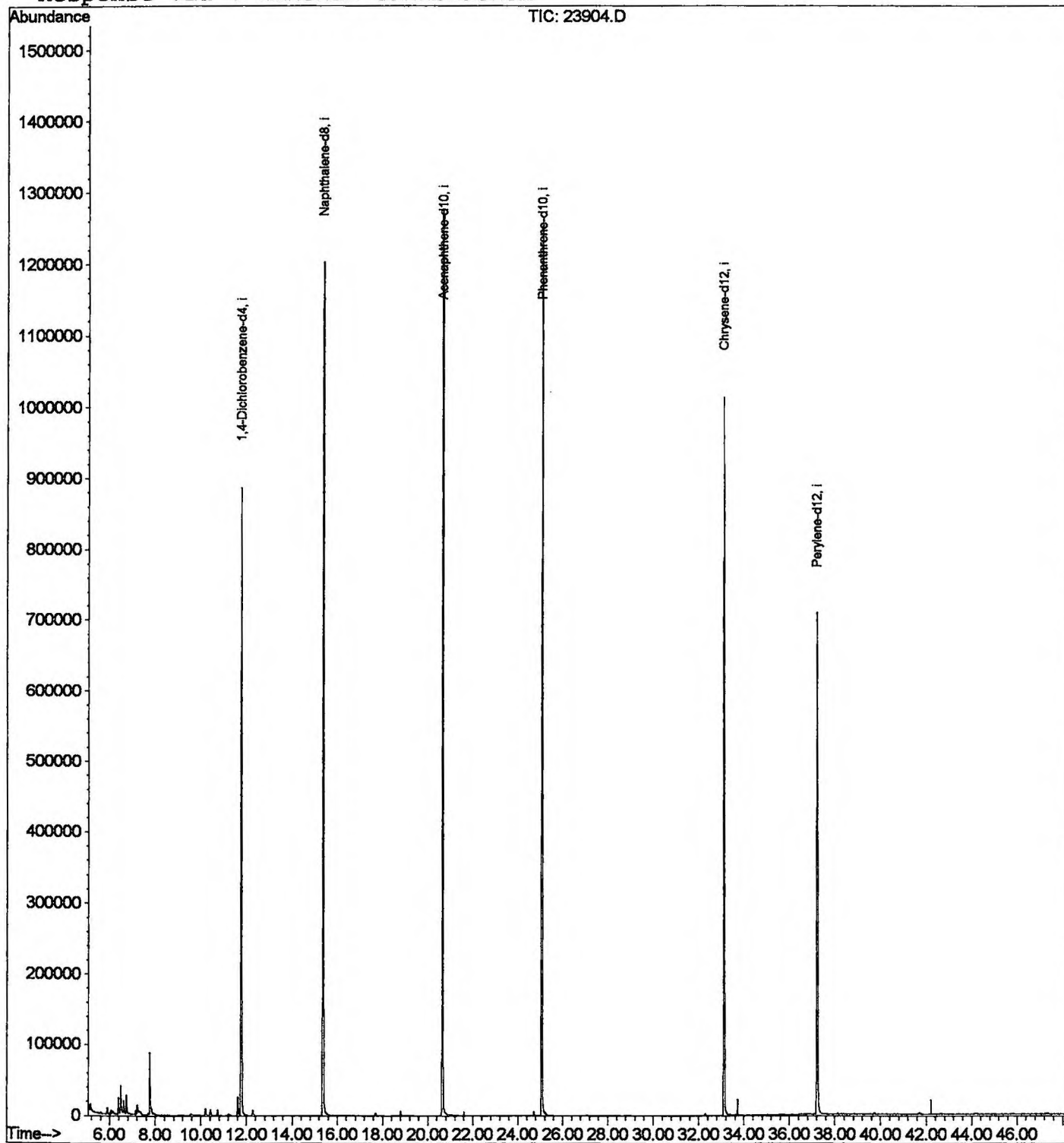
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23904.D
Acq On : 17 Oct 2001 9:08 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 17 21:57 2001

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP091101.RES

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23904.D

Acq On : 17 Oct 2001 9:08 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 9

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	6.397	143	148	154	rBV	24051	50117	1.67%	0.319%
2	6.498	155	159	169	rVV	39922	97789	3.26%	0.623%
3	6.627	169	173	181	rVV	18789	42166	1.41%	0.269%
4	6.746	181	186	193	rVV	25375	56324	1.88%	0.359%
5	7.214	231	237	243	rBV	13258	35078	1.17%	0.223%
6	7.756	293	296	302	rBV	86310	184617	6.16%	1.176%
7	11.621	713	717	727	rBV	25615	57492	1.92%	0.366%
8	11.759	727	732	749	rBV	887031	2124994	70.88%	13.532%
9	15.376	1119	1126	1140	rBV	1203653	2912511	97.14%	18.546%
10	20.654	1694	1701	1720	rBV	1278033	2998224	100.00%	19.092%
11	25.089	2176	2184	2195	rBV2	1254126	2812318	93.80%	17.908%
12	33.121	3052	3059	3081	rBV2	1014865	2366502	78.93%	15.069%
13	37.234	3497	3507	3524	rBV2	708703	1965865	65.57%	12.518%

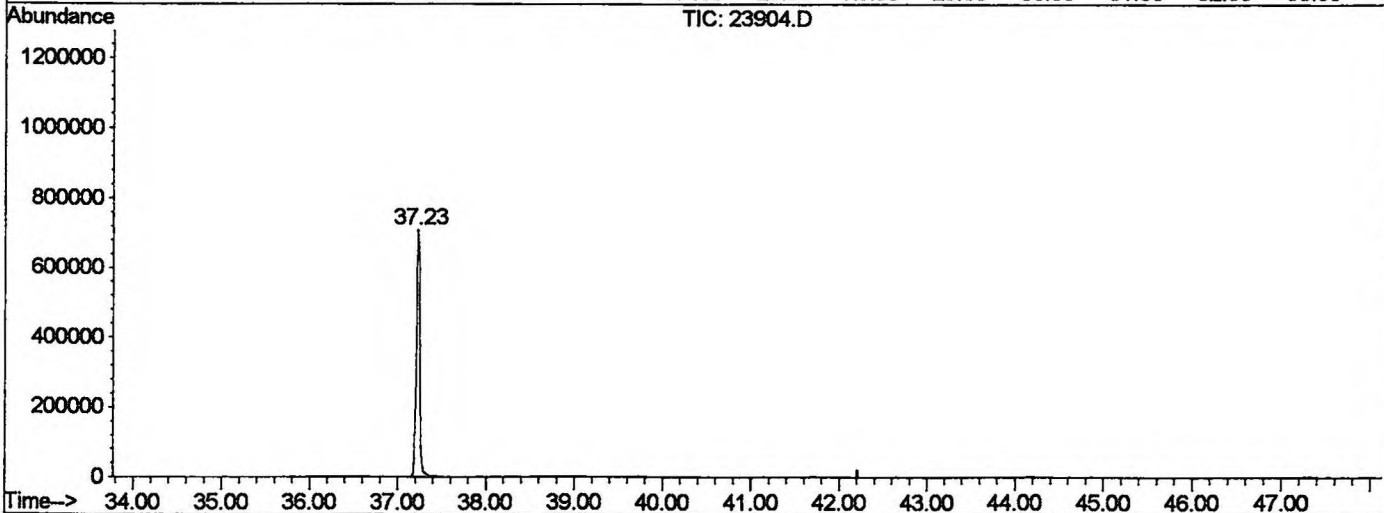
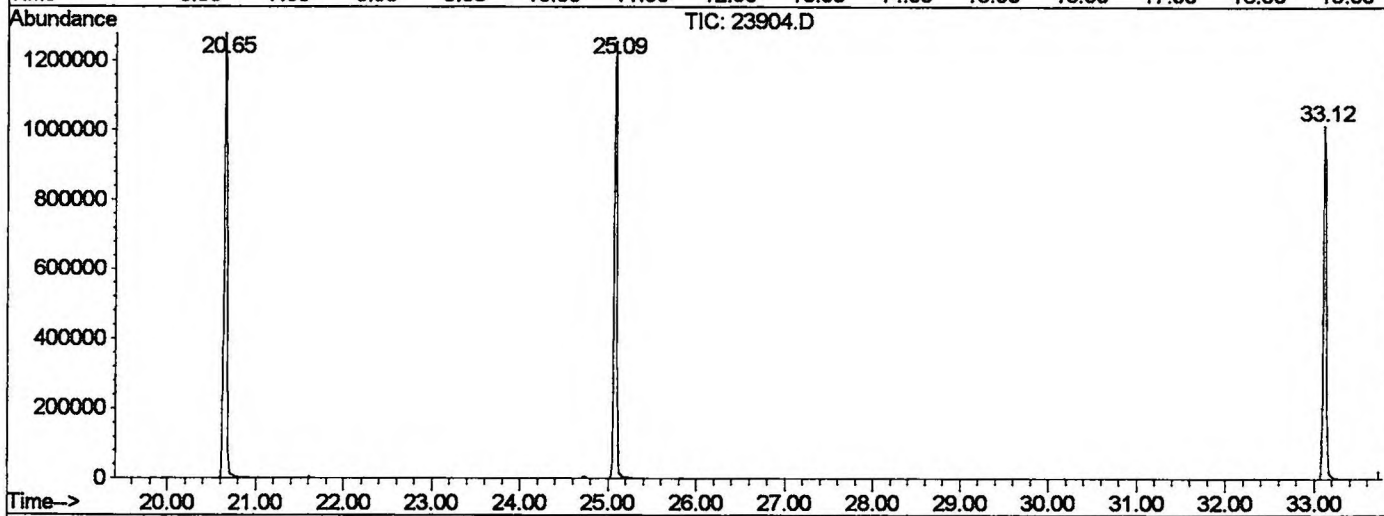
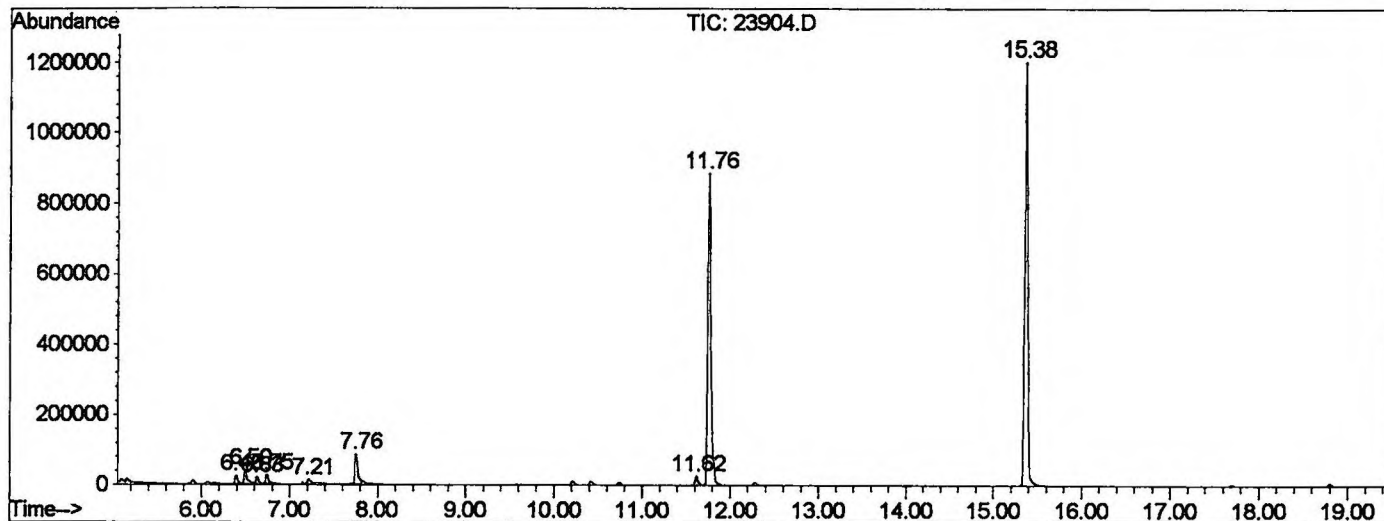
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23904.D NP101901.M

Tue Oct 23 12:50:42 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1701\23904.D
 Operator : 209 GALOS
 Acquired : 17 Oct 2001 9:08 pm using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 9
 Quant File :NP091101.RES (RTE Integrator)



23904.D NP101901.M Tue Oct 23 12:50:44 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23904.D
 Acq On : 17 Oct 2001 9:08 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

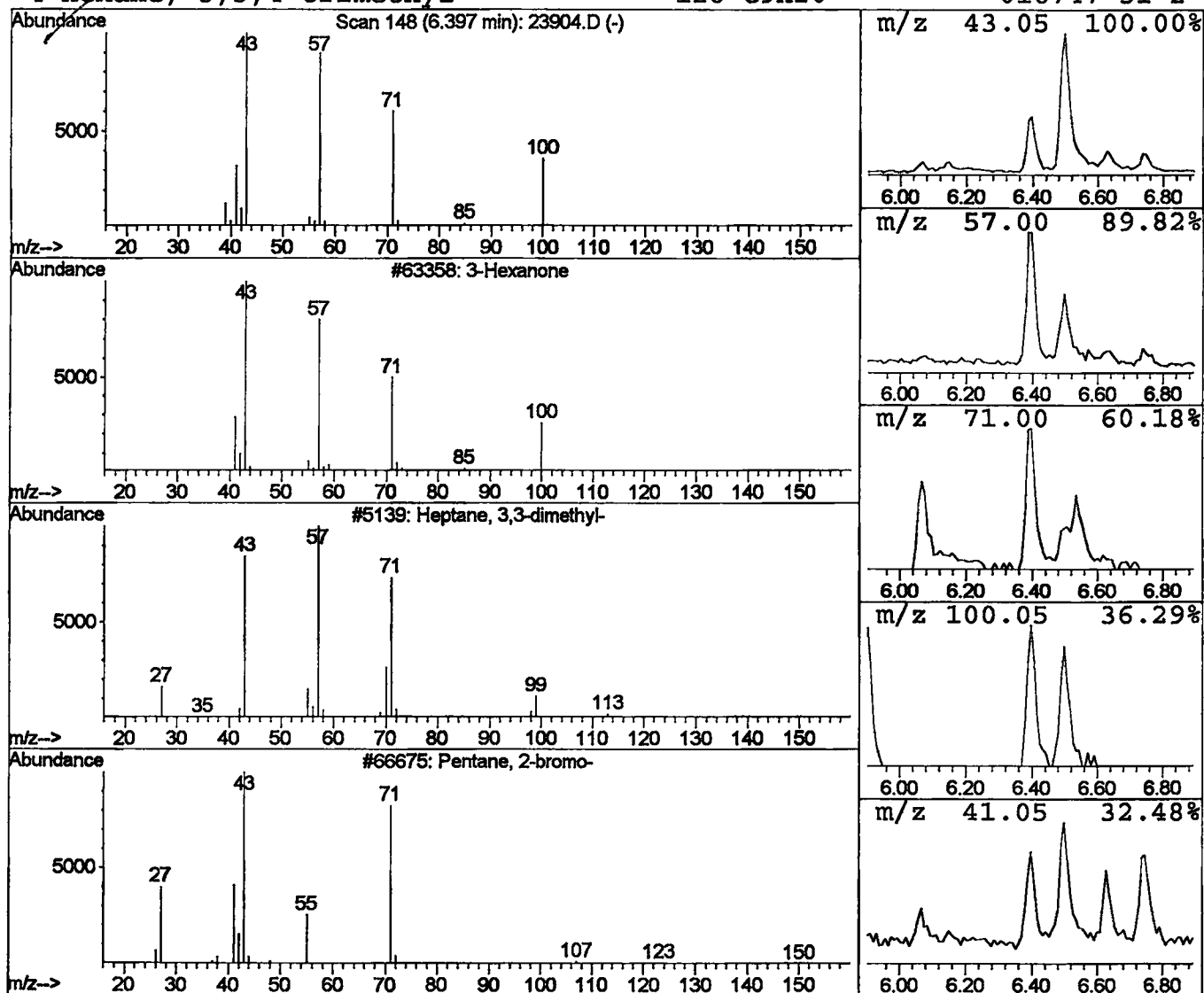
Vial: 9
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	0.47 ug/l	50117	1,4-Dichlorobenzene-d4	11.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone		100	C6H12O	000589-38-8	91
2	Heptane, 3,3-dimethyl-		128	C9H20	004032-86-4	45
3	Pentane, 2-bromo-		150	C5H11Br	000107-81-3	43
4	Hexane, 3,3,4-trimethyl-		128	C9H20	016747-31-2	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23904.D
 Acq On : 17 Oct 2001 9:08 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

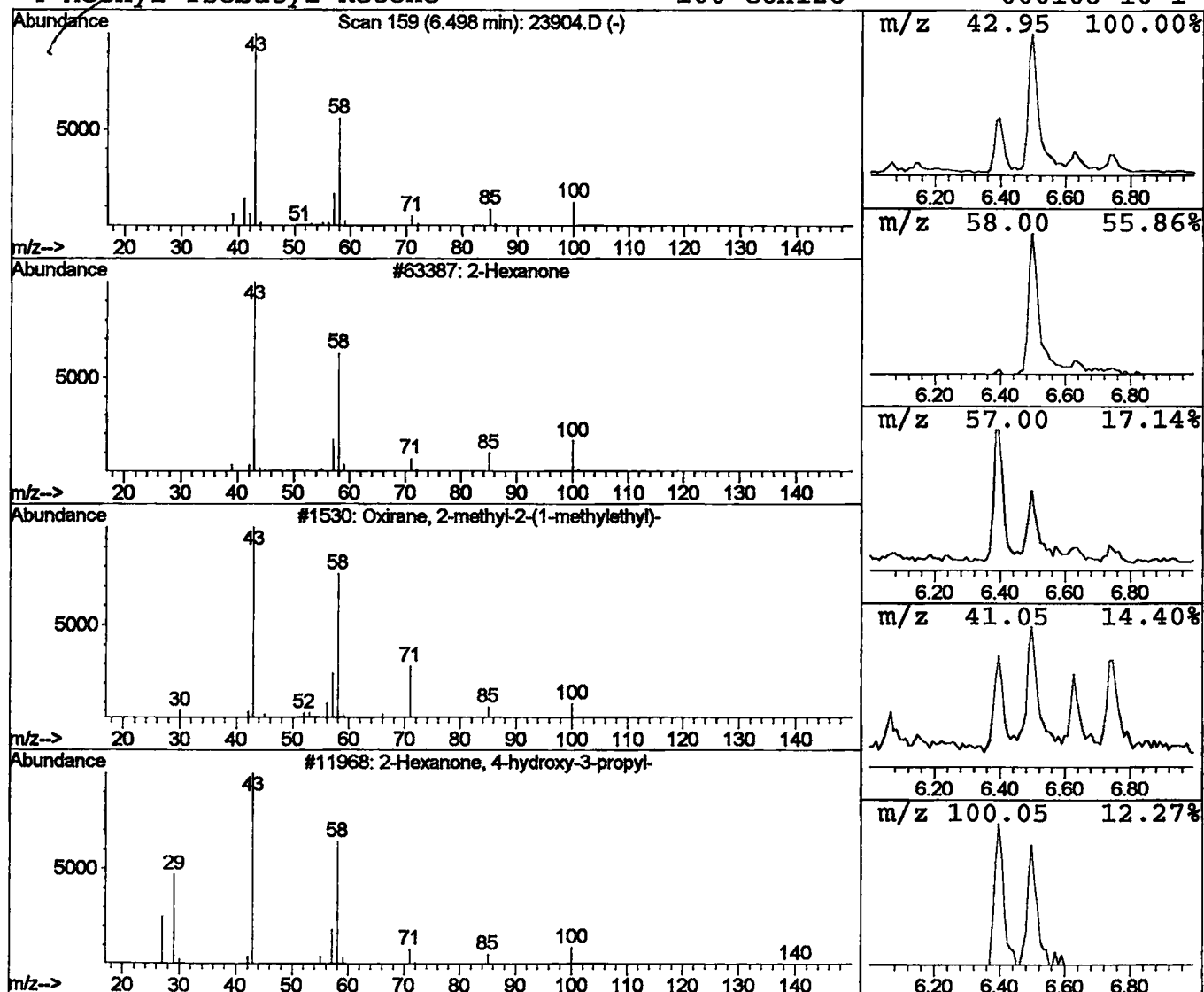
Vial: 9
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.92 ug/l	97789	1,4-Dichlorobenzene-d4	11.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanone	100	C6H12O	000591-78-6	91
2		Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	86
3		2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
4		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23904.D
 Acq On : 17 Oct 2001 9:08 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

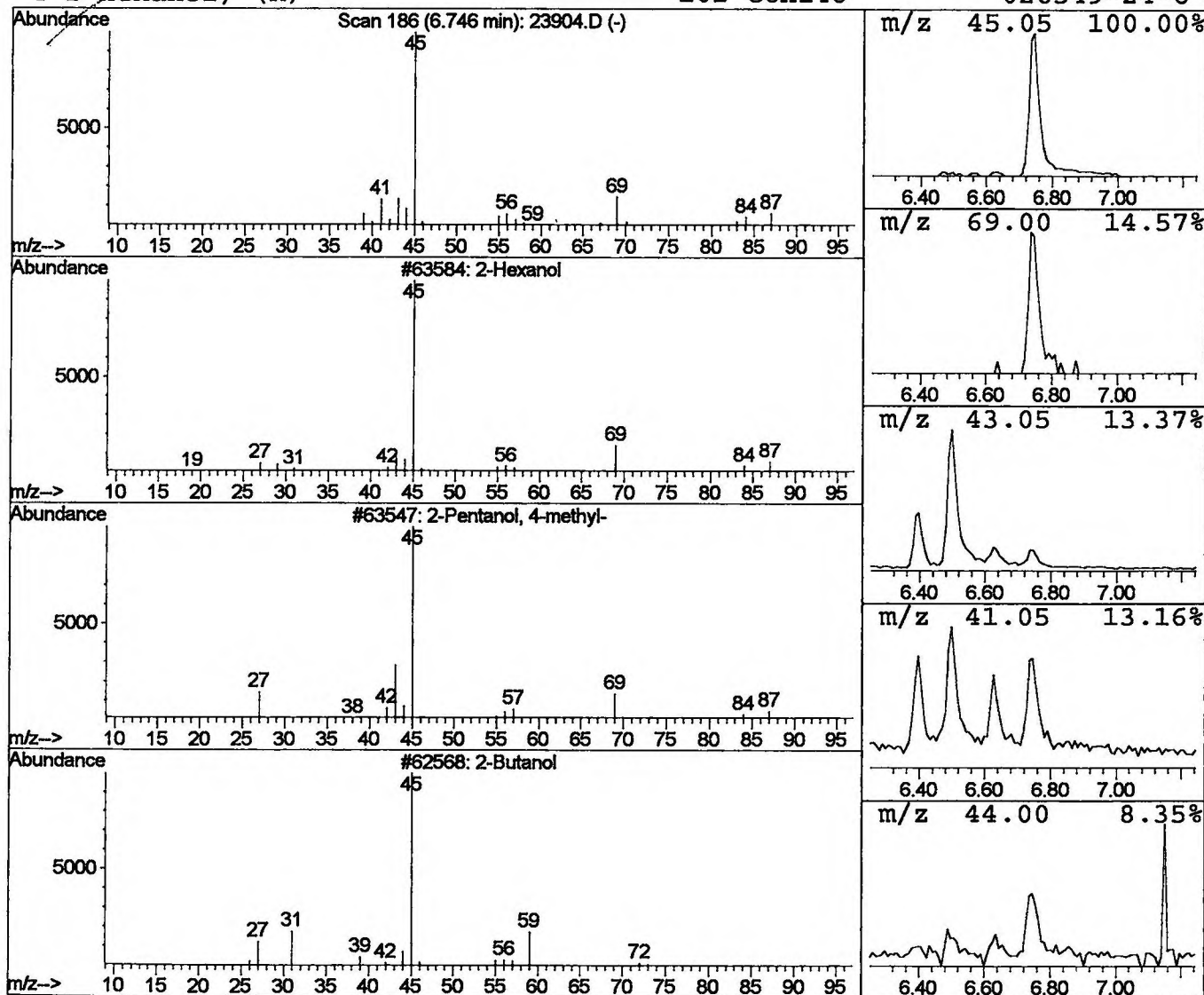
Vial: 9
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	0.53 ug/l	56324	1,4-Dichlorobenzene-d4	11.76

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	64
3	2-Butanol	74	C4H10O	000078-92-2	50
4	2-Hexanol, (R) -	102	C6H14O	026549-24-6	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23904.D
 Acq On : 17 Oct 2001 9:08 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

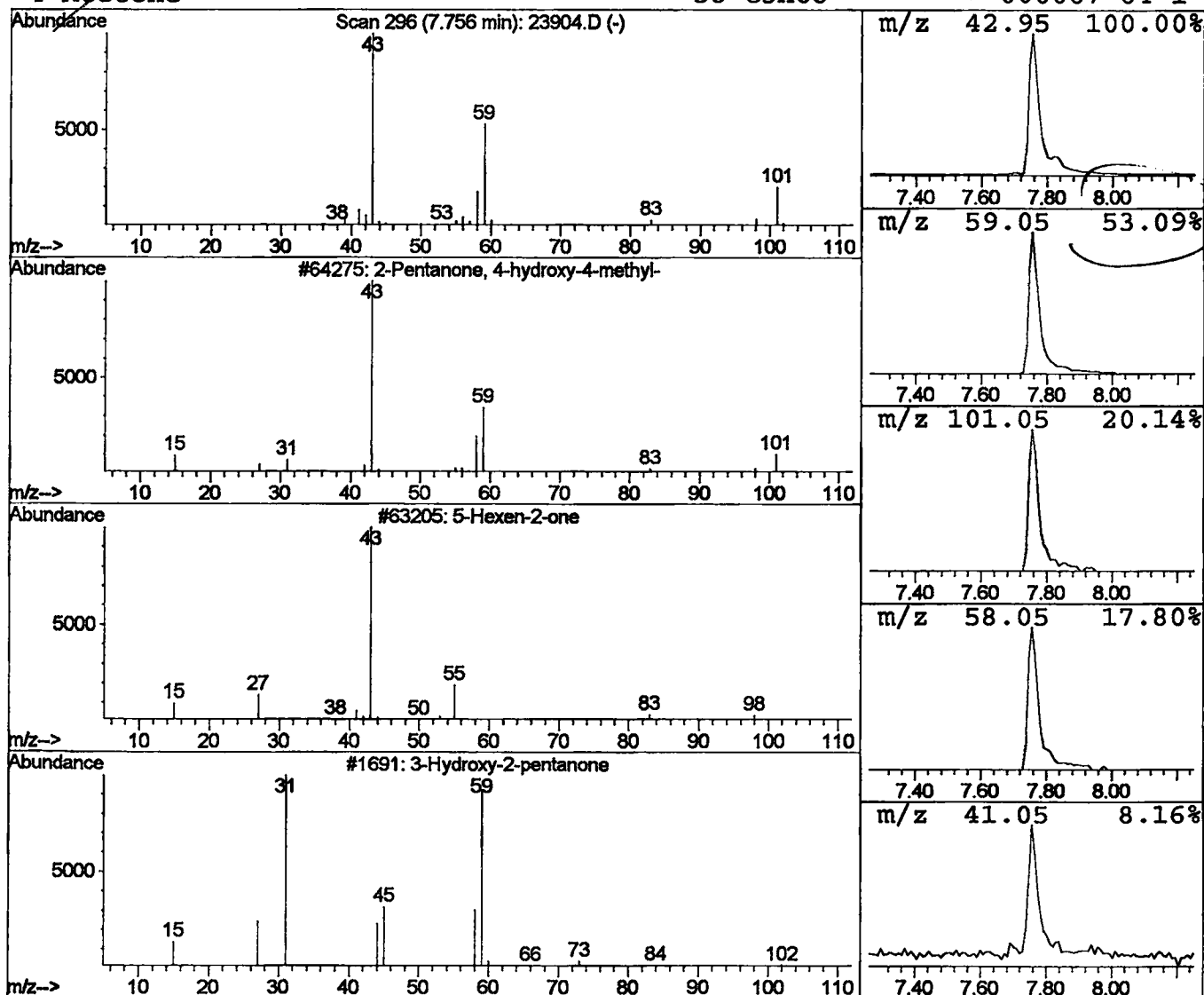
Vial: 9
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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.
7.76	1.74 ug/l	184617	1,4-Dichlorobenzene-d4	11.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2			5-Hexen-2-one	98	C6H10O	000109-49-9	9
3			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4			Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23904.D
Acq On : 17 Oct 2001 9:08 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

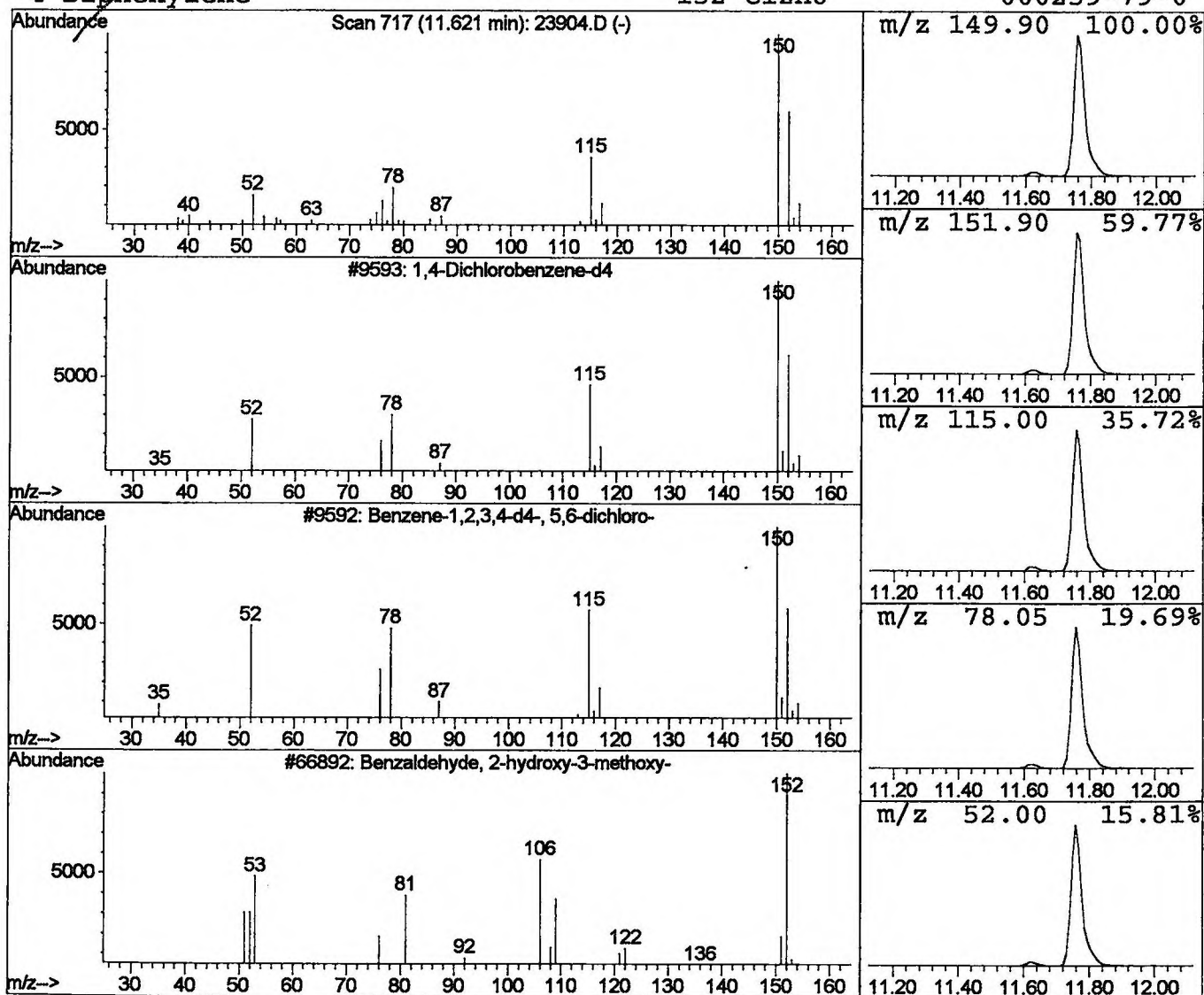
Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	0.54 ug/l	57492	1,4-Dichlorobenzene-d4	11.76

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	35
3			Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4			Biphenylene	152	C12H8	000259-79-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Oct 2001 9:08 pm
Data File: C:\HPCHEM\1\DATA\OCT1701\23904.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	6.40	0.5	ug/l	50117	ISTD01	11.76	2124990	20.0
2-Hexanone	6.50	0.9	ug/l	97789	ISTD01	11.76	2124990	20.0
2-Hexanol	6.75	0.5	ug/l	56324	ISTD01	11.76	2124990	20.0
2-Pentanone, 4-hydro	7.76	1.7	ug/l	184617	ISTD01	11.76	2124990	20.0
1,4-Dichlorobenzene-	11.62	0.5	ug/l	57492	ISTD01	11.76	2124990	20.0

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