

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/19/2001 Time: 08:48:46

Sample: AD23607
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/19/01 08:47 Ended: 10/19/01 08:47 Analyst: MG
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23607 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-19-2001 Time: 08:48:20

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\OCT1601\23607.D
 Acq On : 17 Oct 2001 2:57 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 17 10:00 2001

Vial: 14
 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.76	152	388803	20.00	ug/l	-0.15
19) Naphthalene-d8	15.38	136	1532925	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	721278	20.00	ug/l	-0.16
49) Phenanthrene-d10	25.08	188	1048552	20.00	ug/l	-0.16
59) Chrysene-d12	33.12	240	738370	20.00	ug/l	-0.16
68) Perylene-d12	37.24	264	547329	20.00	ug/l	-0.18

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	3930	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	1486	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

23607.D NP091101.M Wed Oct 17 10:00:51 2001

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Quantitation Report (QT-Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1601\23607.D

Vial: 14

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Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 17 10:00 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	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	25.07	178	273	N.D.		
56) Anthracene	25.07	178	273	N.D.		
57) Di-n-butylphthalate	27.08	149	2496	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	1650	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.39	149	527	N.D.		
67) Chrysene	33.12	228	1650	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)

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 Title : 209 625/TCLP calibration table 7/16/01
 Last Update : Fri Oct 12 09:04:47 2001
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 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	37.25	252	2095	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.	

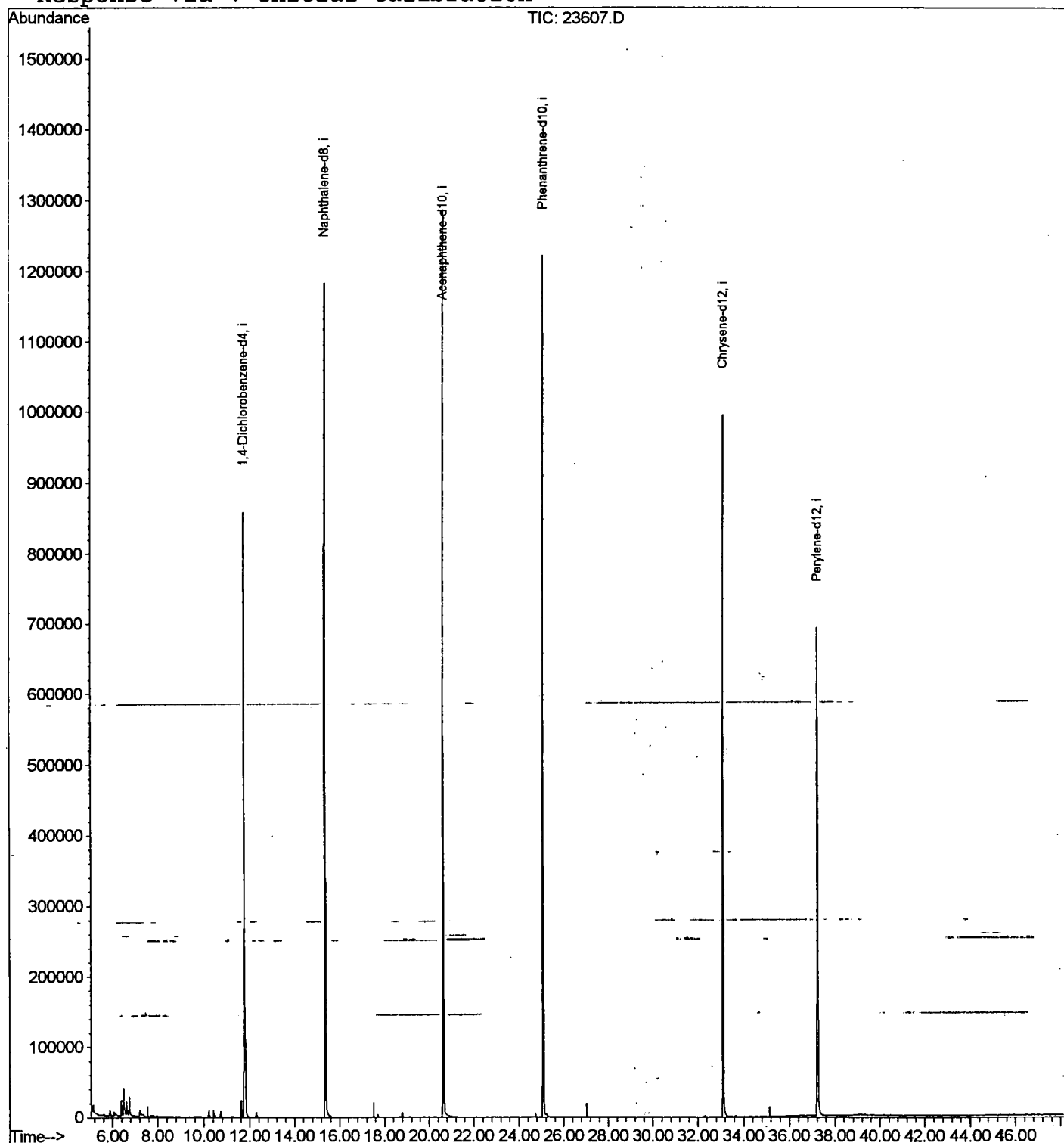
Quantitation-Report

Data File : C:\HPCHEM\1\DATA\OCT1601\23607.D
Acq On : 17 Oct 2001 2:57 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 17 10:00 2001

Vial: 14
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\OCT1601\23607.D

Vial: 14

Acq On : 17 Oct 2001 2:57 am

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	6.390	143	147	152	rBV	23596	45978	1.58%	0.307%
2	6.491	154	158	169	rVV	40053	100491	3.46%	0.671%
3	6.629	169	173	181	rVV	20371	47324	1.63%	0.316%
4	6.739	181	185	199	rVB	26994	64730	2.23%	0.432%
5	11.623	713	717	727	rBV	24118	54411	1.87%	0.363%
6	11.761	727	732	753	rBV	858277	2058835	70.93%	13.754%
7	15.378	1119	1126	1144	rBV	1183445	2798798	96.42%	18.698%
8	20.656	1694	1701	1718	rBV	1287059	2902653	100.00%	19.392%
9	25.081	2176	2183	2193	rBV2	1222446	2655914	91.50%	17.743%
10	33.123	3051	3059	3077	rBV2	995082	2288795	78.85%	15.291%
11	37.236	3498	3507	3524	rBV2	692038	1950758	67.21%	13.032%

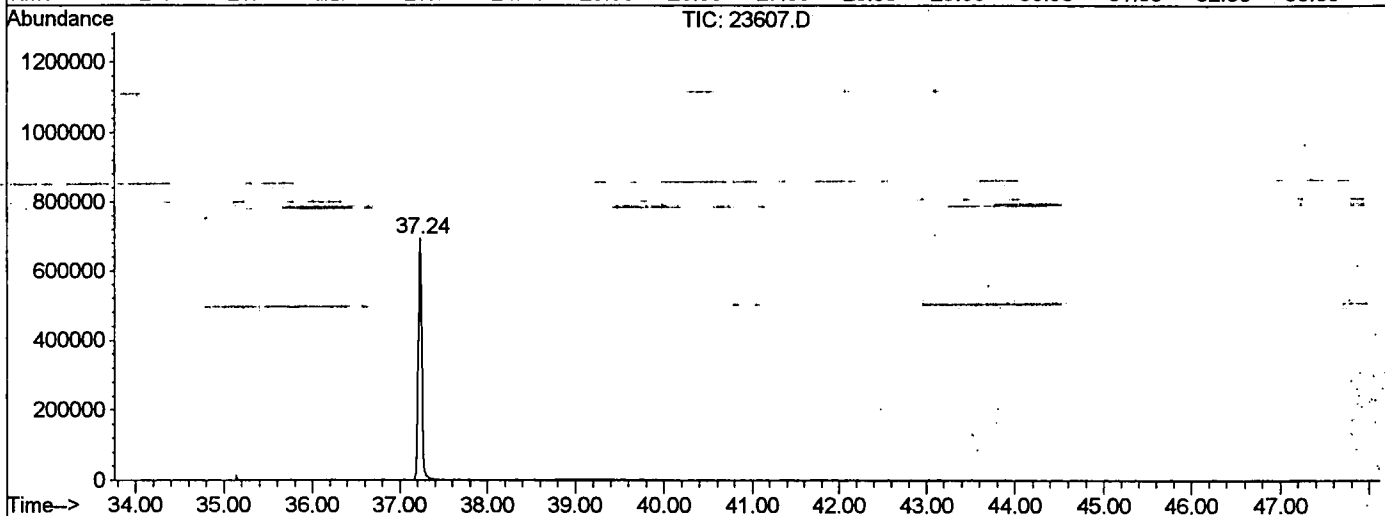
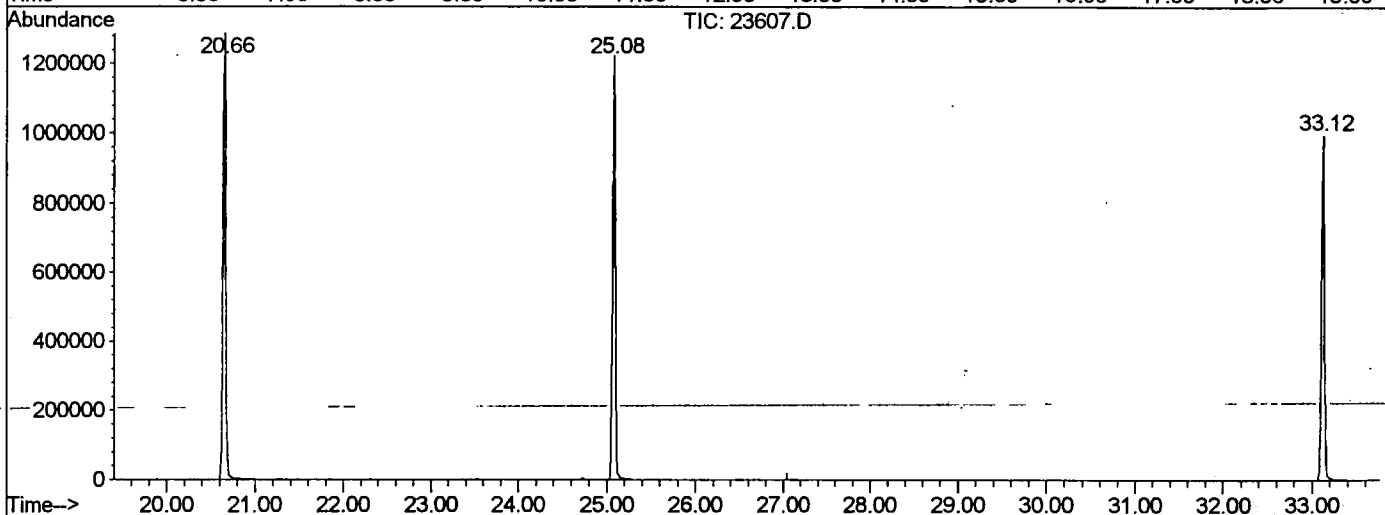
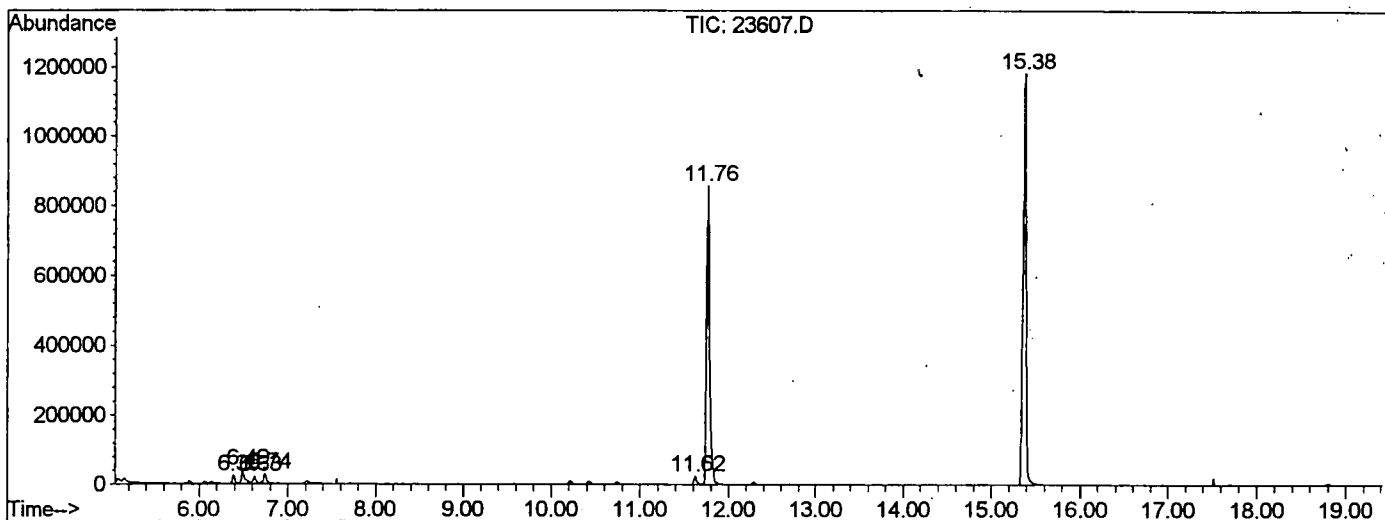
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23607.D NP091101.M

Thu Oct 18 10:37:15 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1601\23607.D
 Operator : 209 GALOS
 Acquired : 17 Oct 2001 2:57 am using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 14
 Quant File :NP091101.RES (RTE Integrator)



23607.D NP091101.M Thu Oct 18 10:37:17 2001

Library Search Compound Report

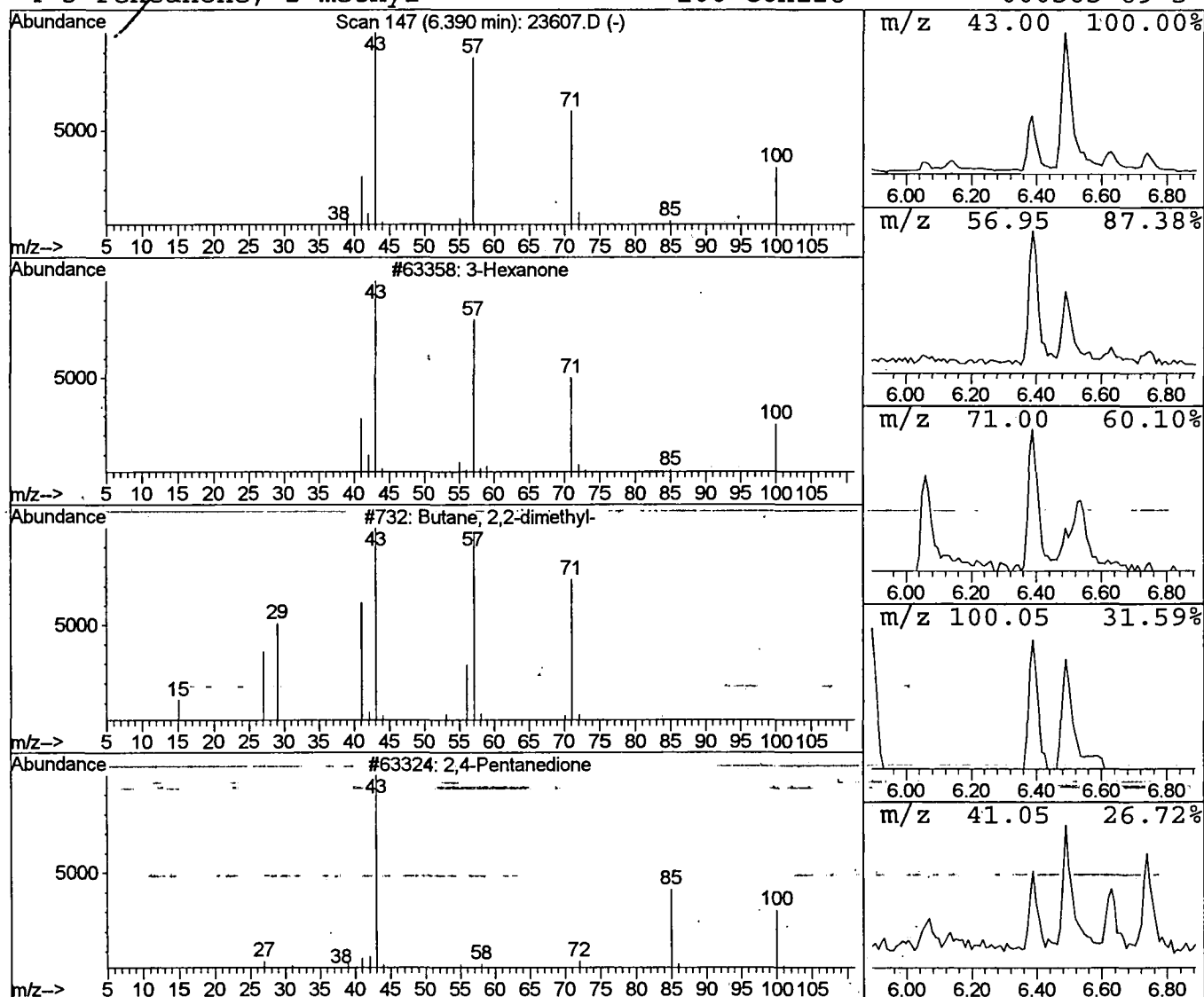
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 Acq On : 17 Oct 2001 2:57 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 14
 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.	
6.39	0.45 ug/l	45978	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	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
3	2,4-Pentanedione	100	C5H8O2	000123-54-6	35
4	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1601\23607.D
 Acq On : 17 Oct 2001 2:57 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

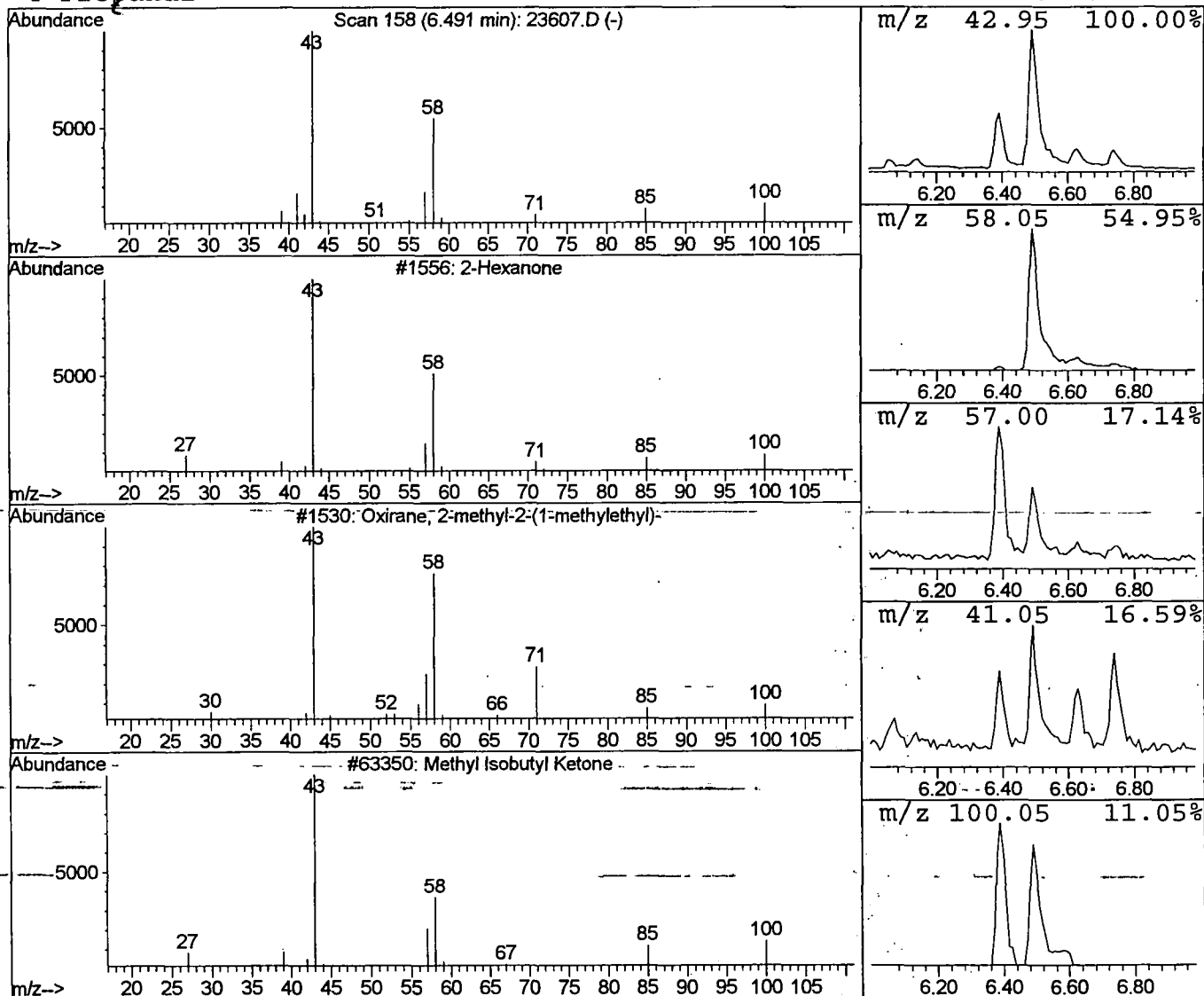
Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	0.98 ug/l	100491	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		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4		Propanal	58	C3H6O	000123-38-6	47



Library-Search-Compound Report

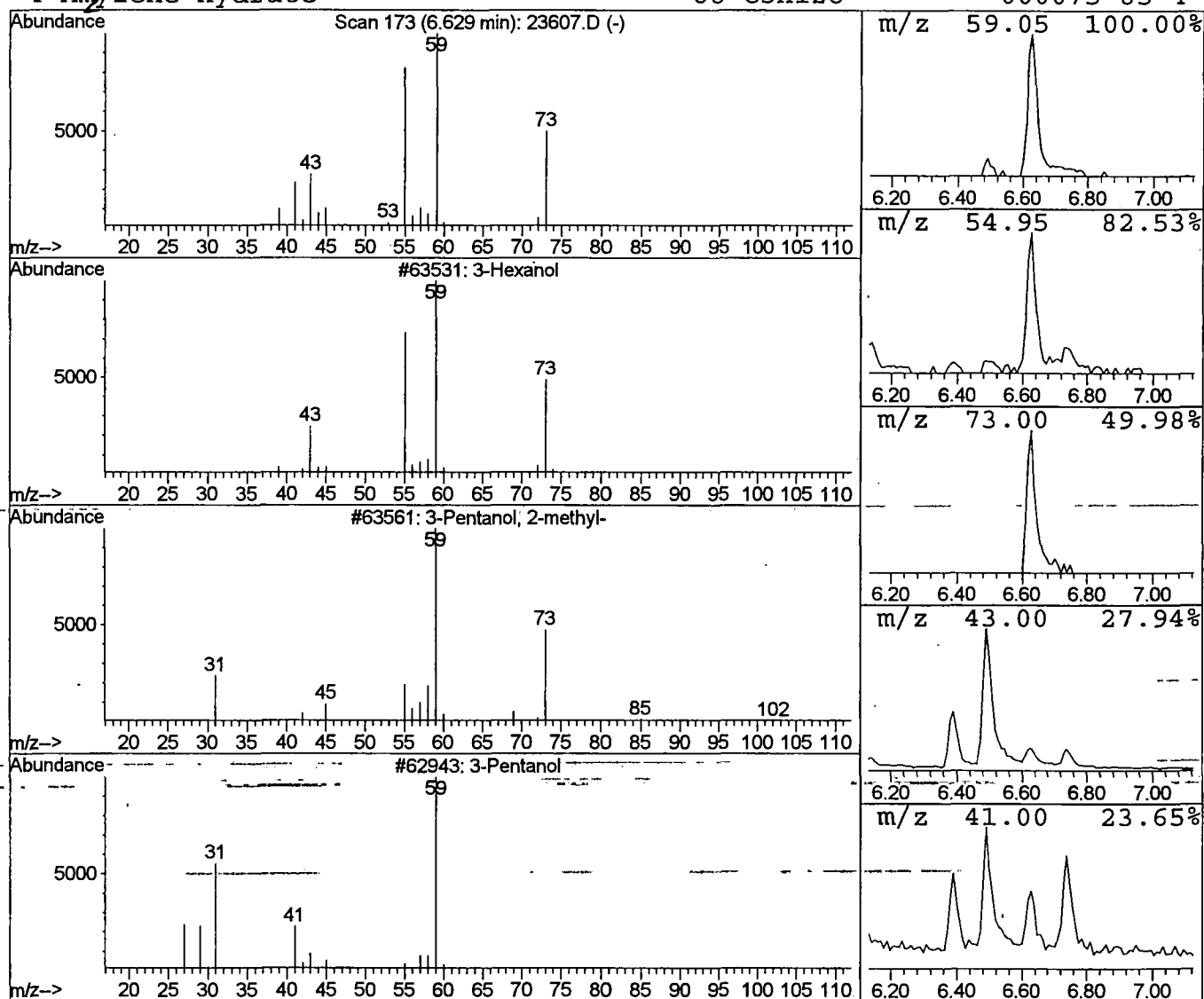
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 Acq On : 17 Oct 2001 2:57 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 14
 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 3-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.63	0.46 ug/l	47324	1,4-Dichlorobenzene-d4	11.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	50
3	3-Pentanol	88	C5H12O	000584-02-1	45
4	Amylene Hydrate	88	C5H12O	000075-85-4	42



Library Search-Compound-Report

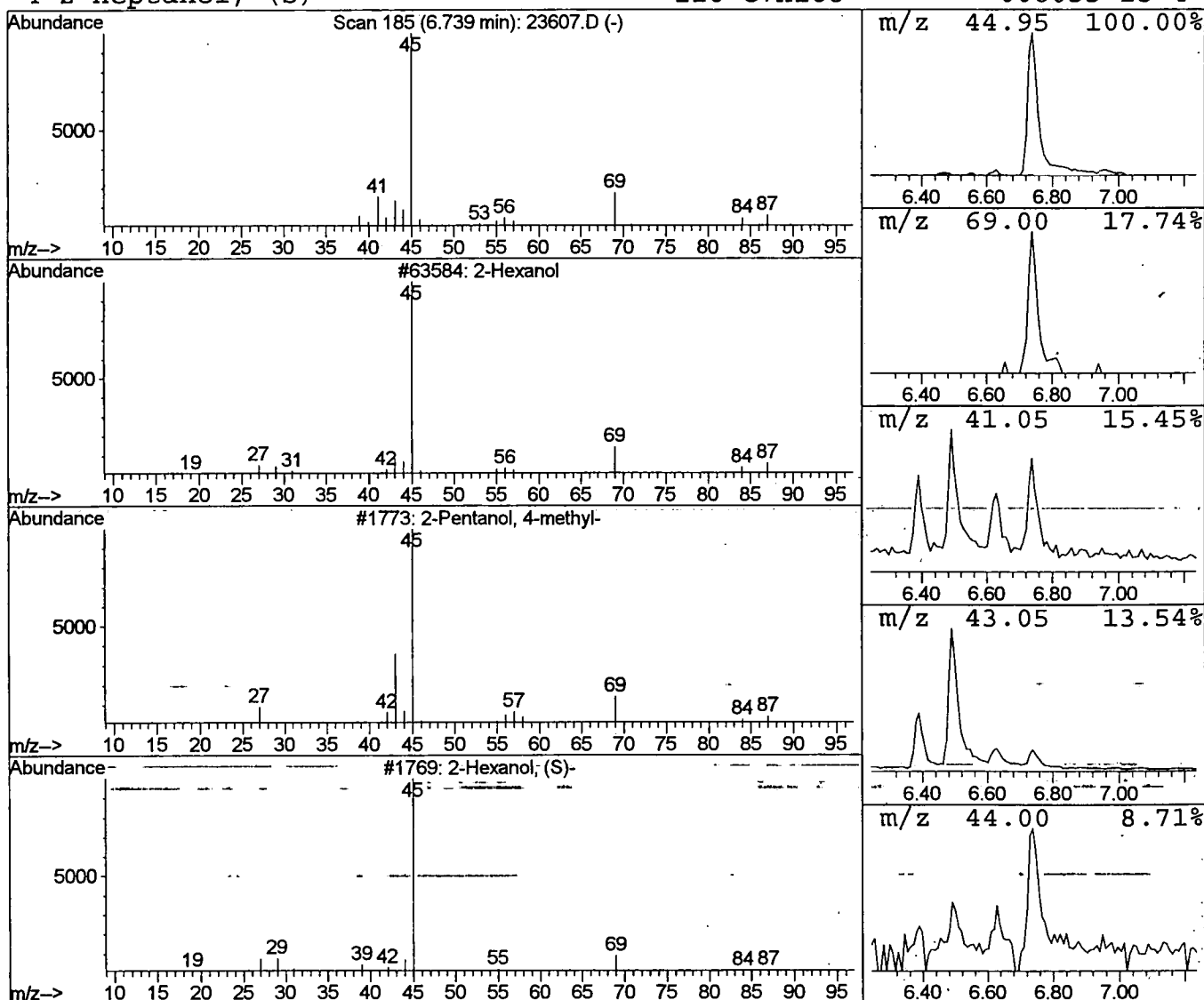
Data File : C:\HPCHEM\1\DATA\OCT1601\23607.D
 Acq On : 17 Oct 2001 2:57 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 14
 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-Hexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.74	0.63 ug/l	64730	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	78
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	43
4	2-Heptanol, (S)-	116	C7H16O	006033-23-4	39



Library Search Compound Report

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Acq On : 17 Oct 2001 2:57 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

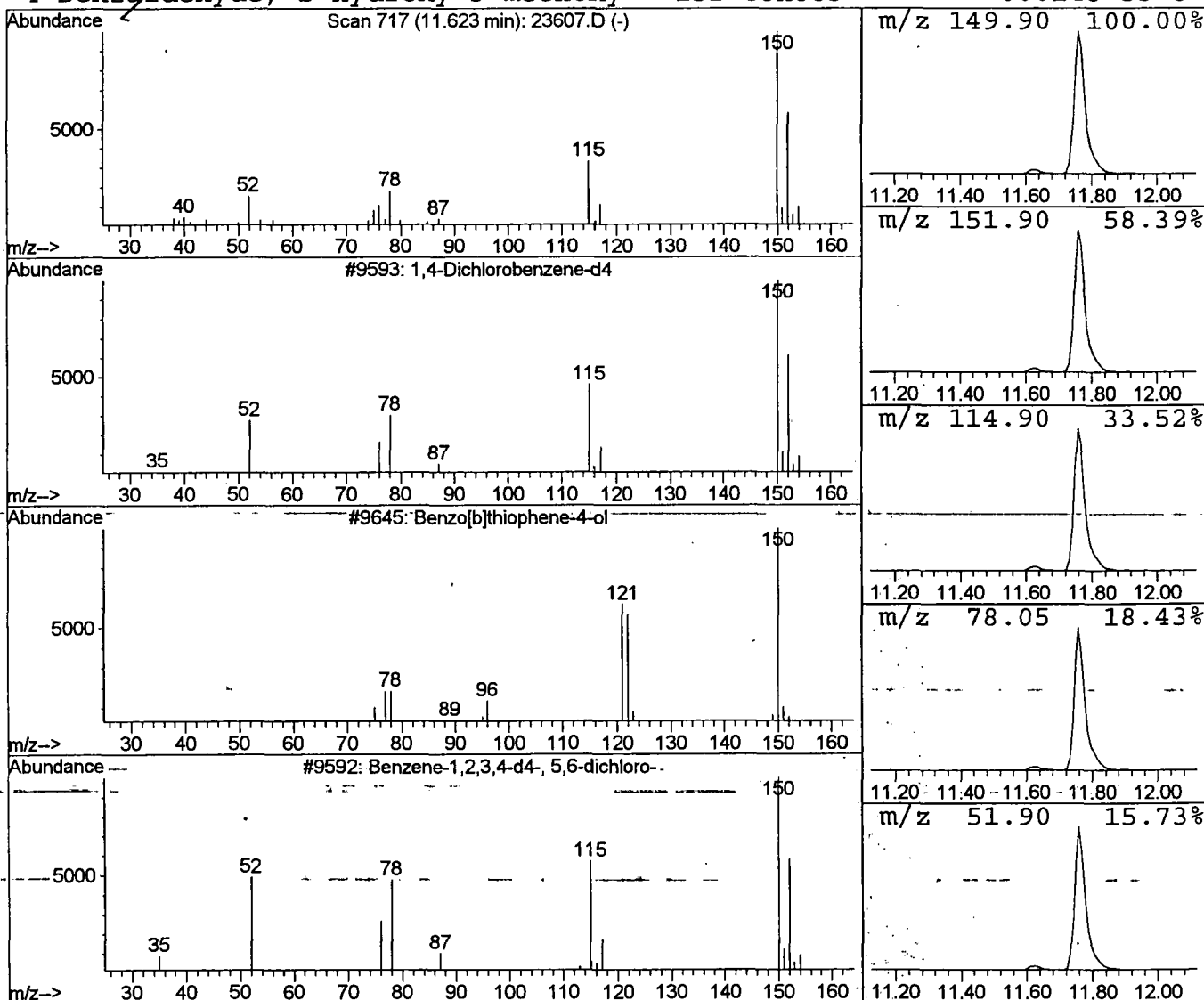
Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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	0.53 ug/l	54411	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			Benzo[b]thiophene-4-ol	150	C8H6OS	003610-02-4	23
3			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	16
4			Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Oct 2001 2:57 am
Data File: C:\HPCHEM\1\DATA\OCT1601\23607.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
3-Hexanone	6.39	0.4 ug/l	45978	ISTD01	11.76	2058840	20.0
2-Hexanone	6.49	1.0 ug/l	100491	ISTD01	11.76	2058840	20.0
3-Hexanol	6.63	0.5 ug/l	47324	ISTD01	11.76	2058840	20.0
2-Hexanol	6.74	0.6 ug/l	64730	ISTD01	11.76	2058840	20.0
1,4-Dichlorobenzene-	11.62	0.5 ug/l	54411	ISTD01	11.76	2058840	20.0

23607.D NP091101.M Thu Oct 18 10:37:30 2001