

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/17/2001 Time: 09:59:02

Sample: AD23717
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/17/01 09:57 Ended: 10/17/01 09:57 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23717 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-17-2001 Time: 09:59:07

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\23717.D
 Acq On : 15 Oct 2001 11:56 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 16 14:39 2001

Vial: 13
 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	355341	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1392995	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	658190	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.09	188	945183	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	674856	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	490049	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	3606	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	18.81	172	1272	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

	R.T.	QIon	Response	Conc	Units	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
 23717.D NP091101.M Tue Oct 16 14:47:50 2001

Quantitation Report (QT Reviewed)

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 Acq On : 15 Oct 2001 11:56 pm
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 Quant Time: Oct 16 14:39 2001

Vial: 13
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Quant Results File: NP091101.RES

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 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	25.09	178	192		N.D.	
56) Anthracene	25.09	178	192		N.D.	
57) Di-n-butylphthalate	27.08	149	2910		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	1661		N.D.	
66) Bis(2-ethylhexyl)phthalate	33.38	149	3137		N.D.	
67) Chrysene	33.12	228	1661		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
 23717.D NP091101.M Tue Oct 16 14:47:54 2001

Quantitation Report

(QT Reviewed)

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Acq On : 15 Oct 2001 11:56 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:39 2001

Vial: 13
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	1786	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
23717.D NP091101.M Tue Oct 16 14:47:55 2001

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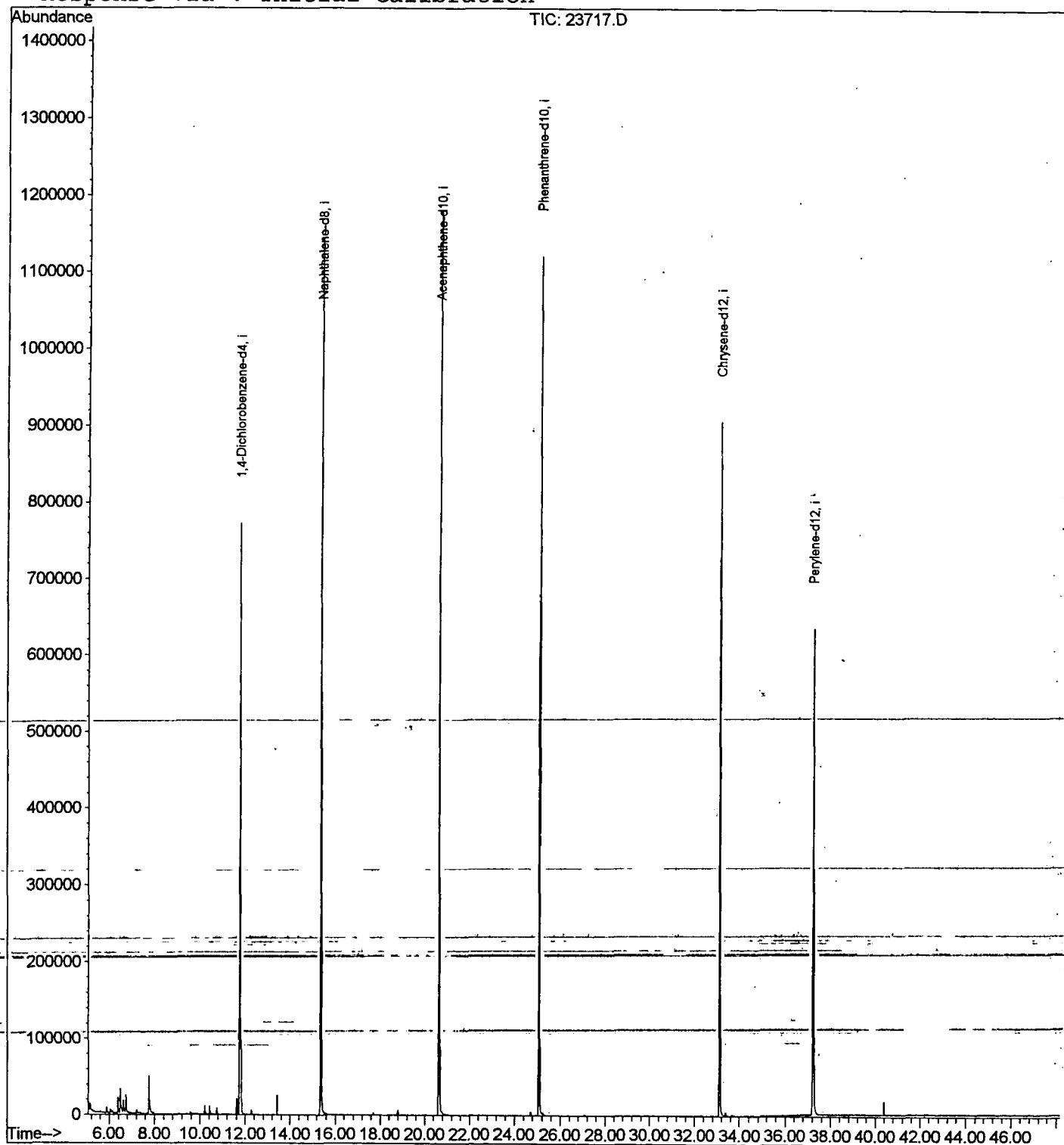
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23717.D
Acq On : 15 Oct 2001 11:56 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:39 2001

Vial: 13
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\OCT1501\23717.D
Acq On : 15 Oct 2001 11:56 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 13
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

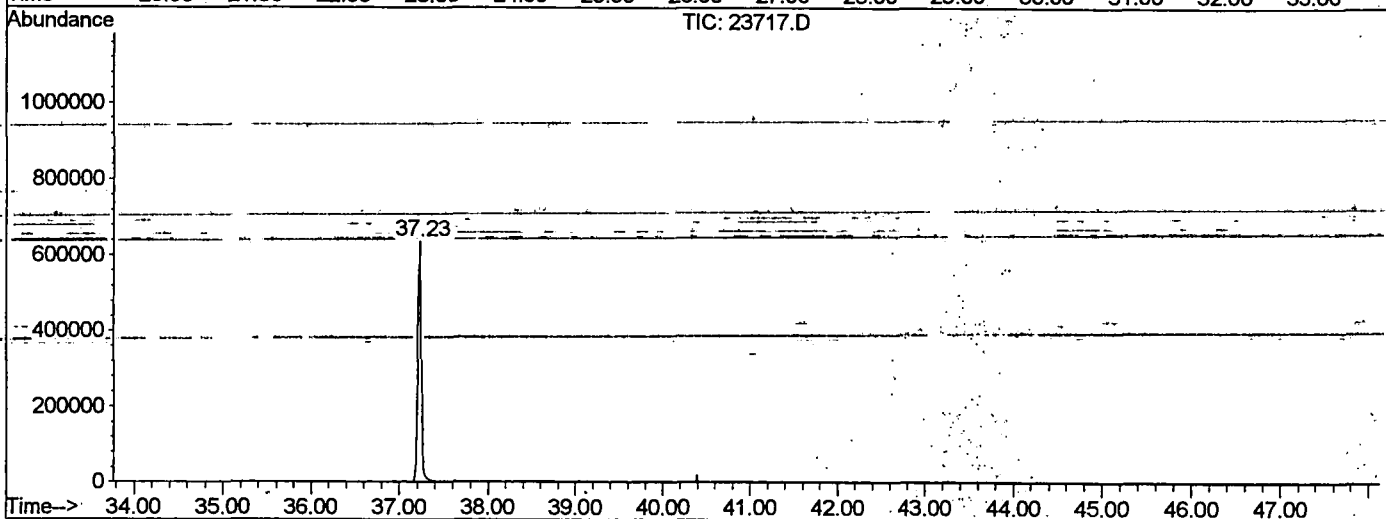
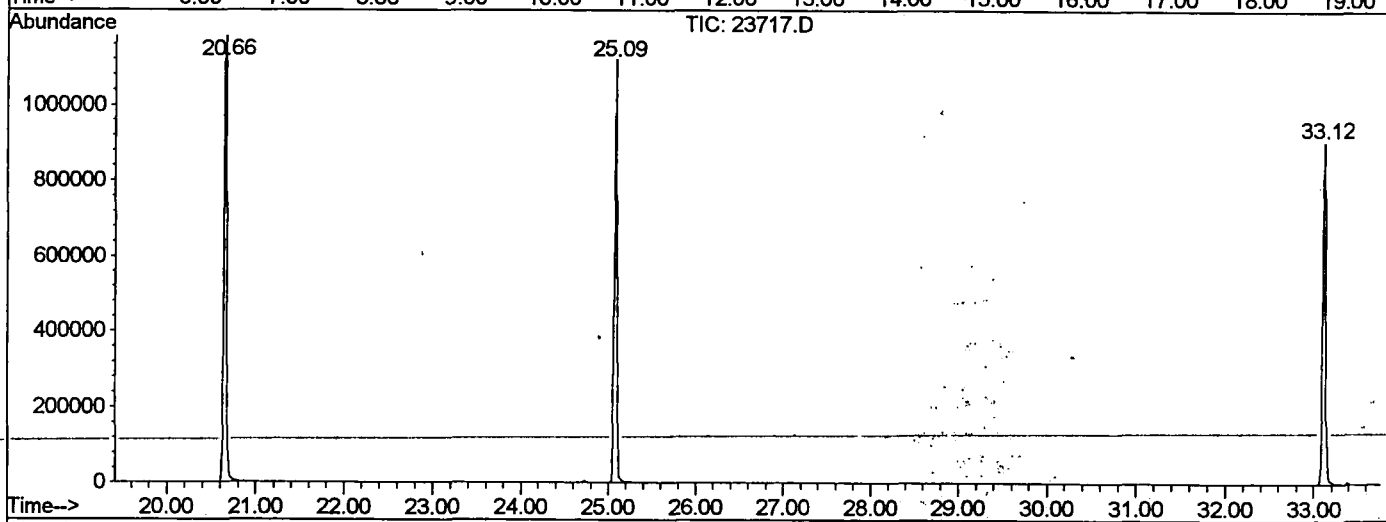
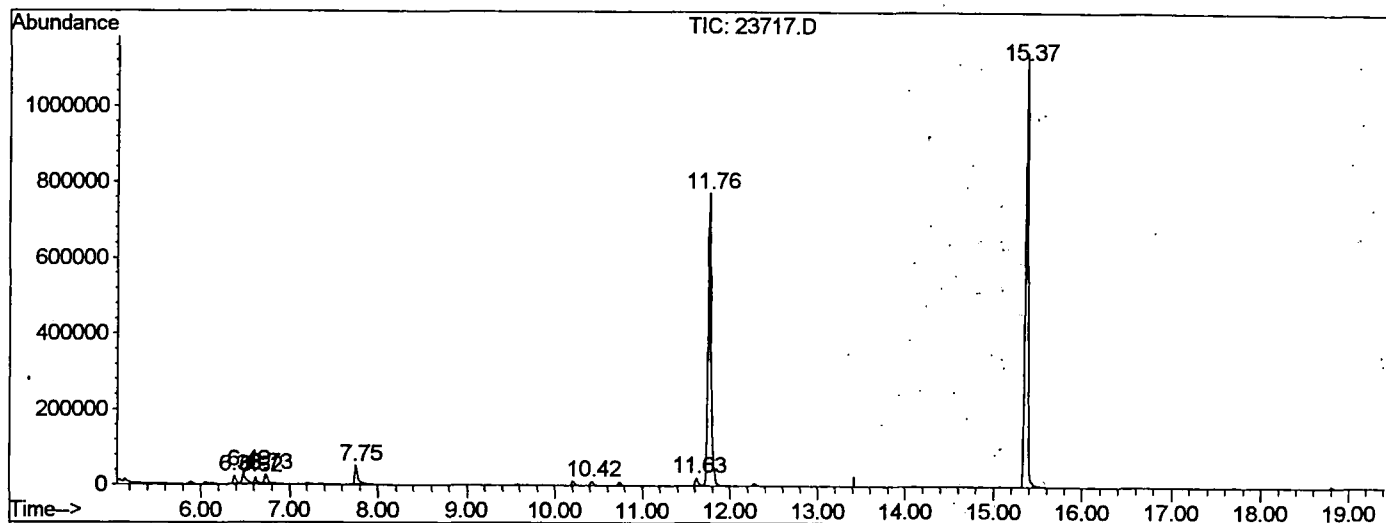
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.385	143	146	153	rBV	20249	38251	1.46%	0.281%
2	6.486	153	157	168	rVV	31488	78500	3.00%	0.577%
3	6.623	168	172	180	rVB	15425	30674	1.17%	0.225%
4	6.734	180	184	190	rBV	22555	43256	1.65%	0.318%
5	7.753	291	295	302	rBV	49089	111774	4.27%	0.821%
6	10.424	581	586	593	rBV2	11007	26340	1.01%	0.194%
7	11.627	712	717	726	rBV	20773	49640	1.90%	0.365%
8	11.764	726	732	747	rBV	772091	1845902	70.54%	13.563%
9	15.372	1119	1125	1139	rBV	1143722	2532550	96.78%	18.608%
10	20.660	1693	1701	1713	rBV	1181372	2616801	100.00%	19.227%
11	25.085	2176	2183	2196	rBV	1120967	2396898	91.60%	17.611%
12	33.118	3051	3058	3076	rBV2	906203	2075466	79.31%	15.249%
13	37.231	3497	3506	3528	rBV2	634014	1764134	67.42%	12.962%

Sum of corrected areas: 13610186

23717-D-NP091101-M-Tue Oct 16 15:11:56 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1501\23717.D
 Operator : 209 GALOS
 Acquired : 15 Oct 2001 11:56 pm using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 13
 Quant File :NP091101.RES (RTE Integrator)



23717.D NP091101.M Tue Oct 16 15:11:58 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23717.D
 Acq On : 15 Oct 2001 11:56 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

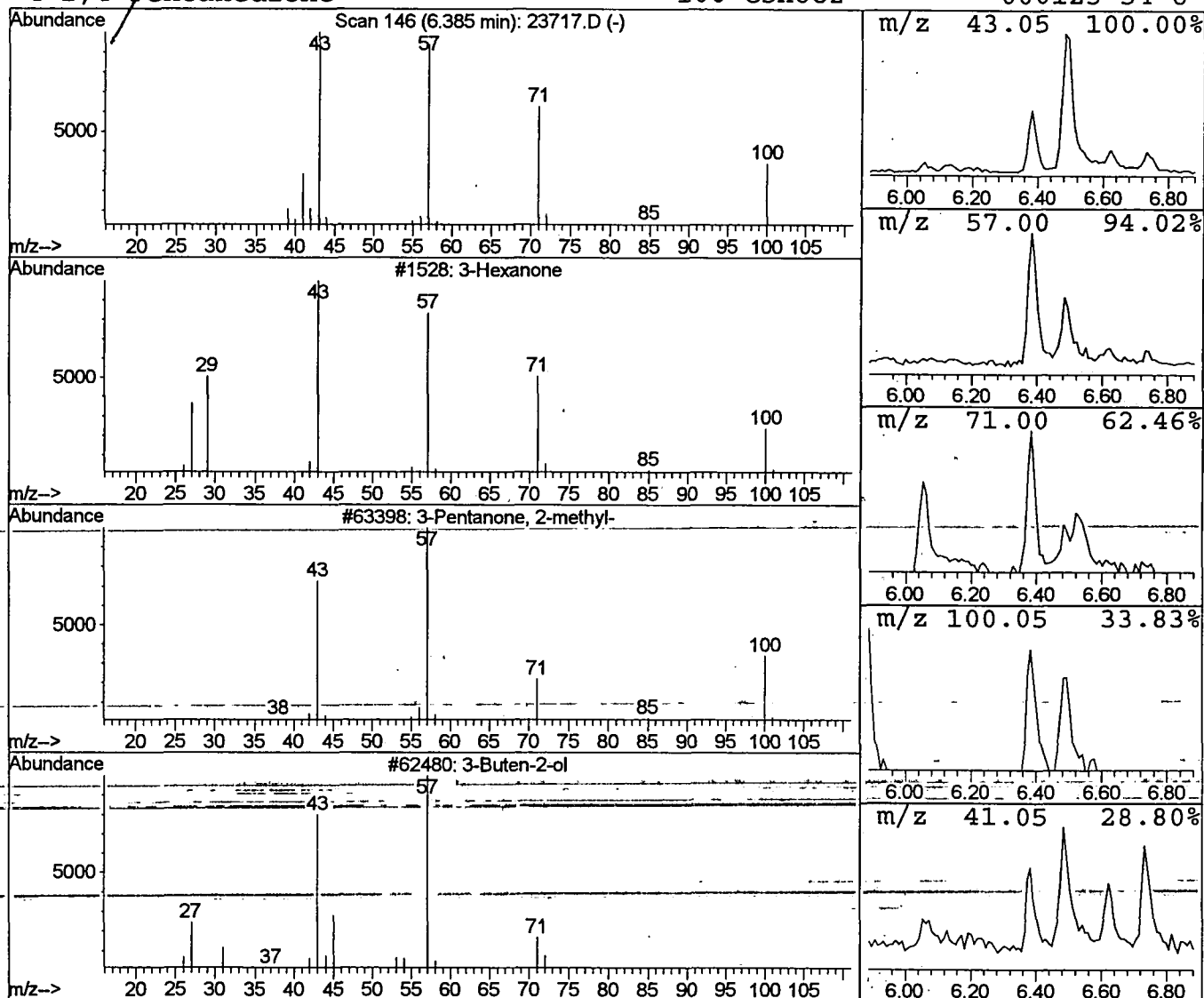
Vial: 13
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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.
6.38	0.41 ug/l	38251	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	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	59
3	3-Buten-2-ol	72	C4H8O	000598-32-3	38
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	35



Library Search Compound Report

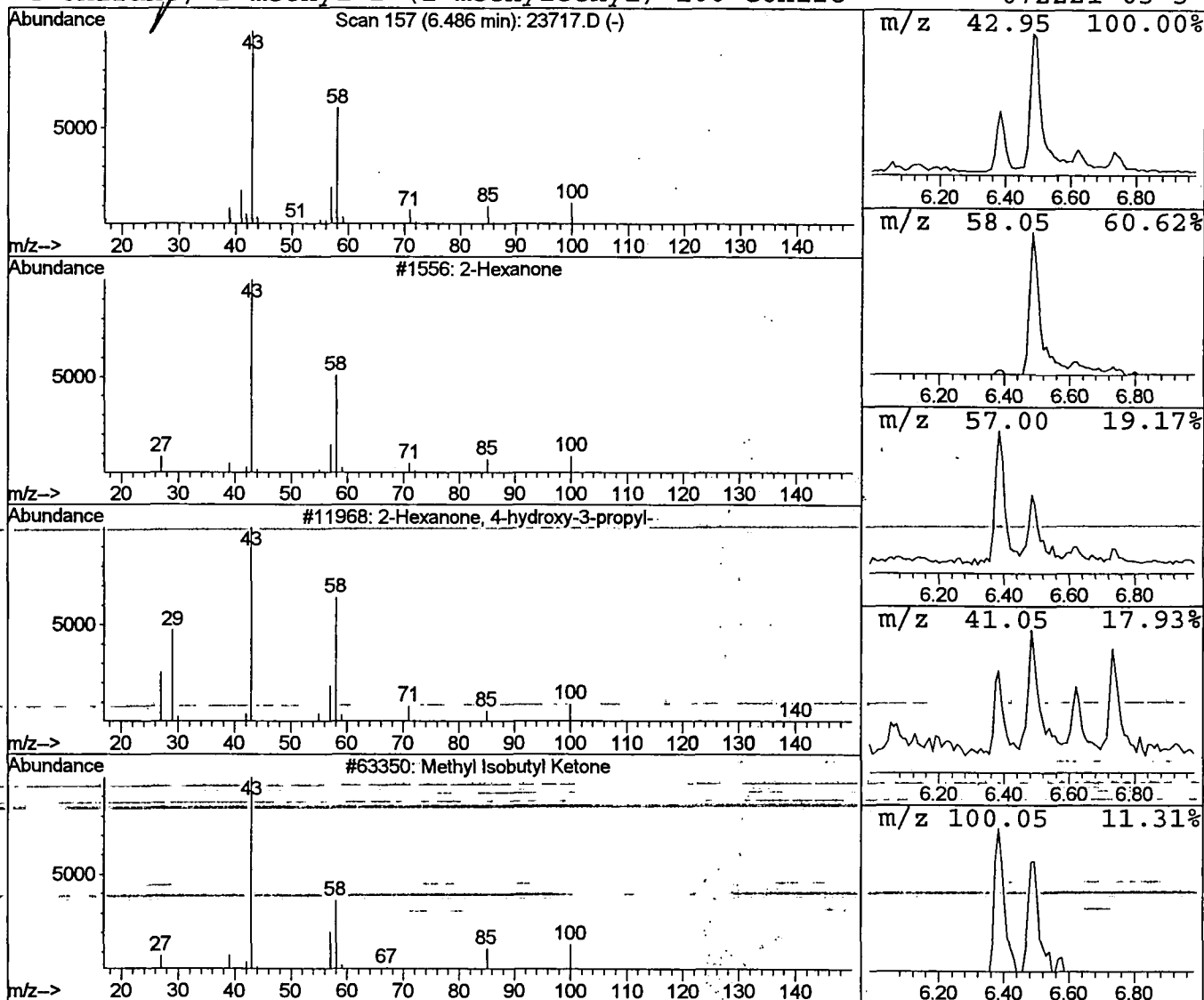
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Acq On : 15 Oct 2001 11:56 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 13
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.	
6.49	0.85 ug/l	78500	1,4-Dichlorobenzene-d4	11.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	78
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	56



Library Search Compound Report

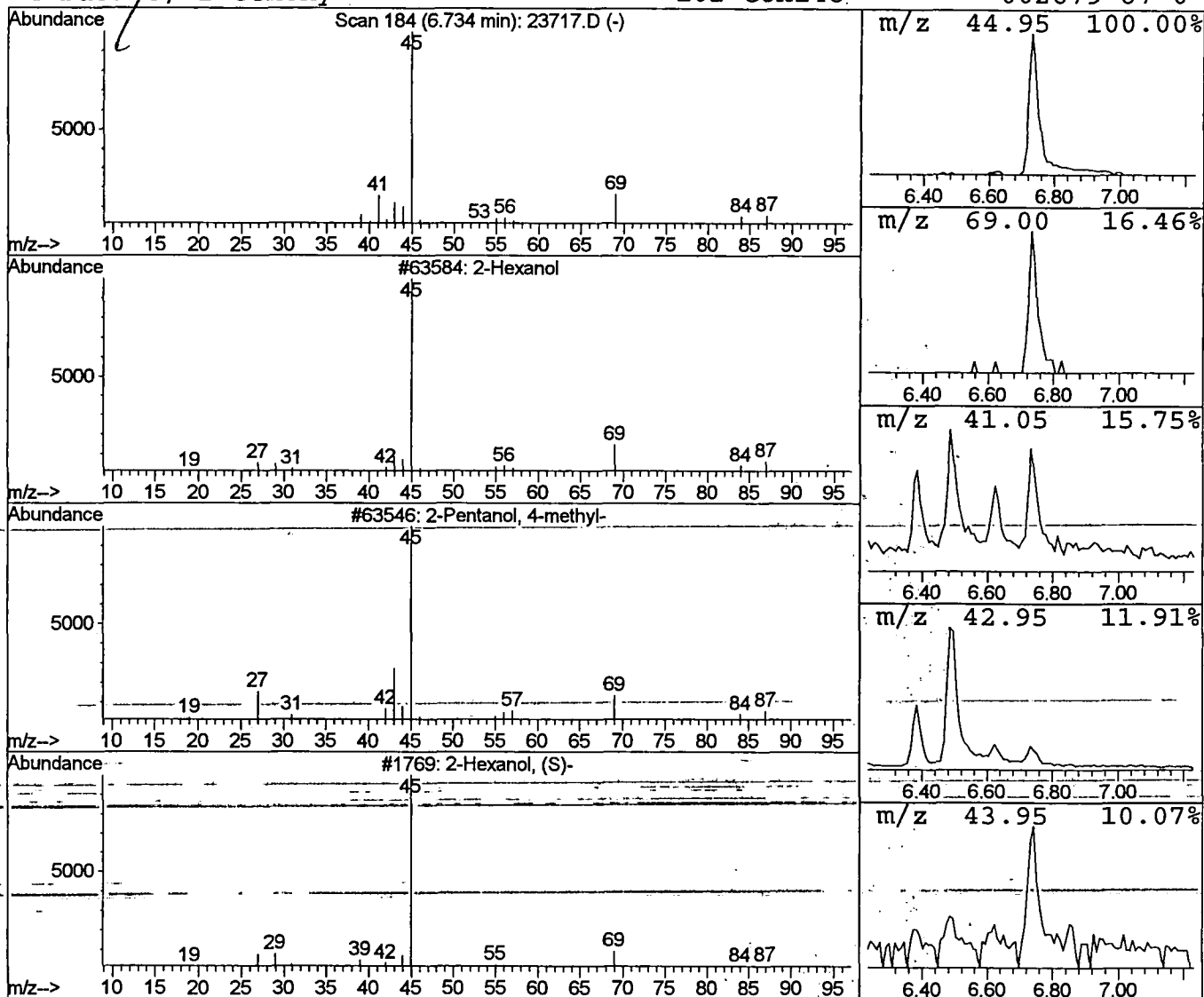
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Acq On : 15 Oct 2001 11:56 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 13
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.	
6.73	0.47 ug/l	43256	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	74
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
4	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	56



Library Search Compound Report

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Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

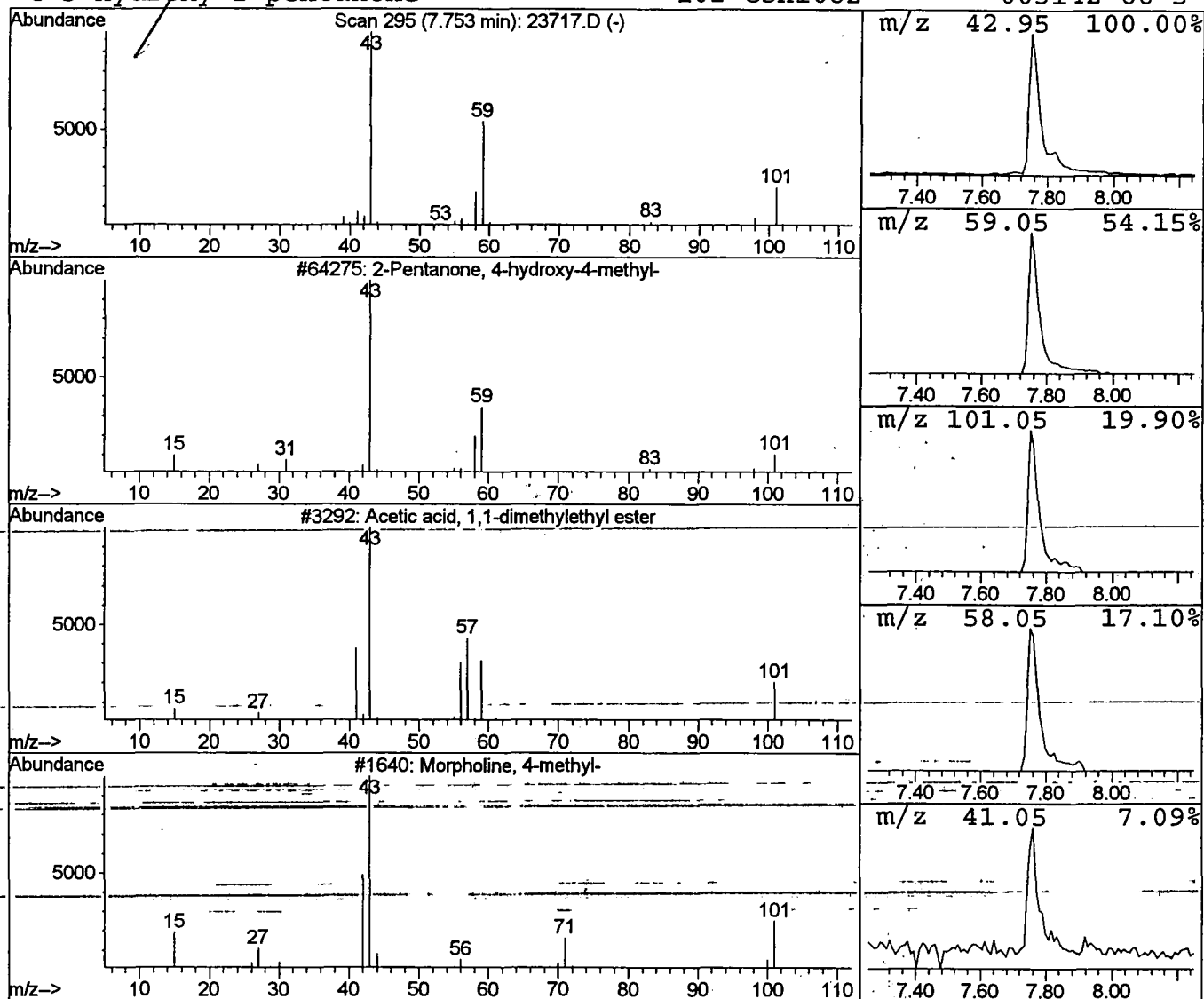
Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
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Library : C:\DATABASE\NBS75K.L

Peak Number 4 2-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	1.21 ug/l	111774	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	50
2			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

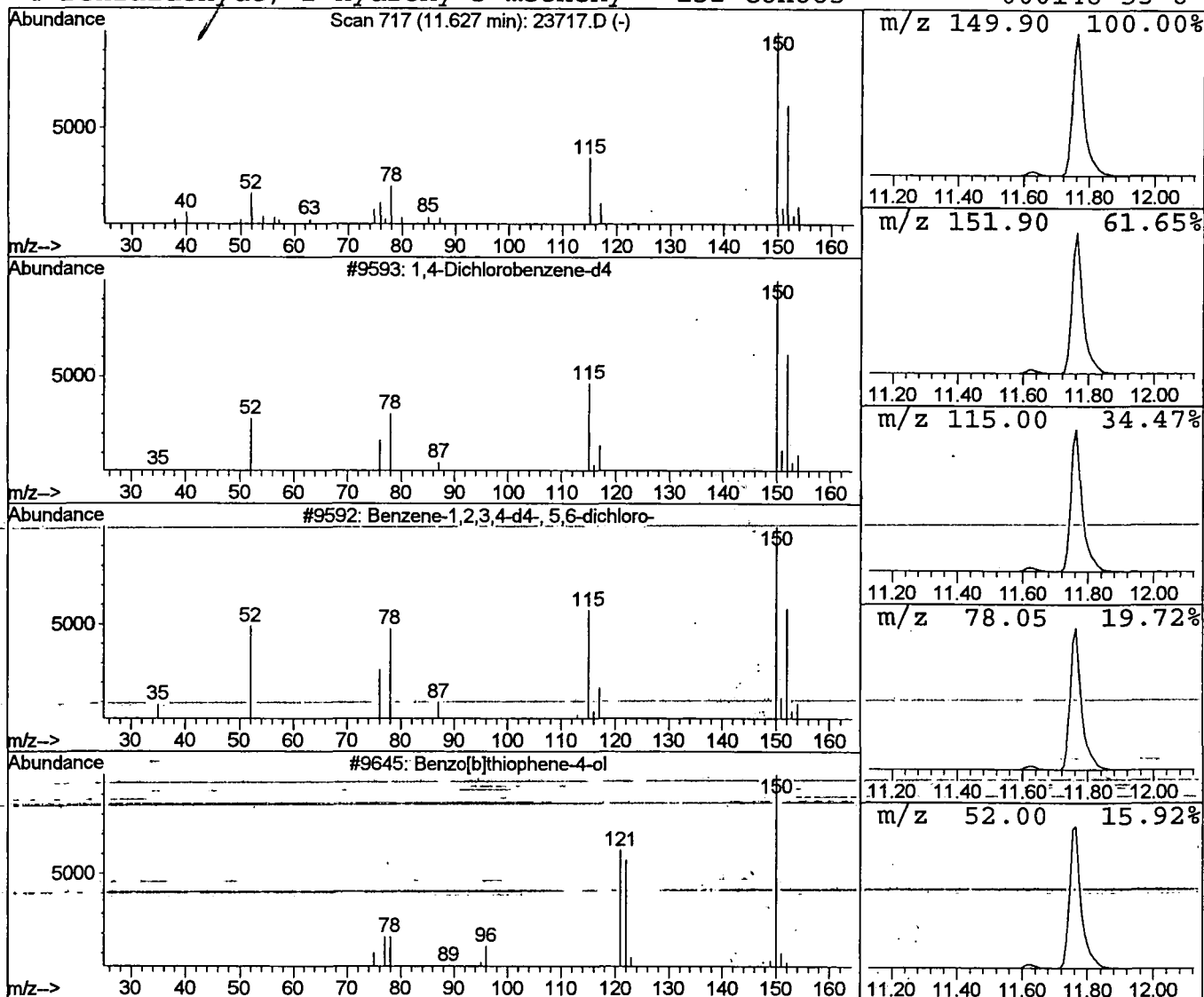
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 Sample : gc/ms unknown
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 MS Integration Params: LSCINT.P

Vial: 13
 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.		
11.63	0.54 ug/l	49640	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	50
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	25
3		Benzo[b]thiophene-4-ol	150	C8H6OS	003610-02-4	25
4		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Oct 2001 11:56 pm
Data File: C:\HPCHEM\1\DATA\OCT1501\23717.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	6.38	0.4	ug/l	38251	ISTD01	11.76	1845900	20.0
2-Hexanone	6.49	0.9	ug/l	78500	ISTD01	11.76	1845900	20.0
2-Hexanol	6.73	0.5	ug/l	43256	ISTD01	11.76	1845900	20.0
2-Pentanone, 4-hydro	7.75	1.2	ug/l	111774	ISTD01	11.76	1845900	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	49640	ISTD01	11.76	1845900	20.0

23717.D NP091101.M Tue Oct 16 15:12:11 2001