

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/23/2001 Time: 14:24:31

Sample: AD23900
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	Via	Result
1	Other unknown compounds		see comment

Comments for Sample AD23900 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-23-2001 Time: 14:24:36

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\23900.D

Vial: 5

Acq On : 17 Oct 2001 5:12 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 23 13:00 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.77	152	341906	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1324119	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	623295	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.09	188	898228	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	662554	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	489559	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	107	0.00	ug/l	0.35
Spiked Amount	75.000		Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.28	152	3310	0.20	ug/l	-0.15
Spiked Amount	50.000		Recovery	=	0.40%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.81	172	1255	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23900.D

Vial: 5

Acq On : 17 Oct 2001 5:12 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 23 13:00 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	22.17	149	214	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	25.08	178	112	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.08	149	900	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	1637	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.40	149	1285	N.D.		
67) Chrysene	33.13	228	1637	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\23900.D Vial: 5
 Acq On : 17 Oct 2001 5:12 pm Operator: 209 GALOS
 Sample : gc/ms unknown Inst : GC/MS 209
 Misc : Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Oct 23 13:00 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
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.23	252	1479	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
 23900.D NP101901.M Tue Oct 23 13:01:32 2001

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23900.D

Acq On : 17 Oct 2001 5:12 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 23 13:00 2001

Vial: 5

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

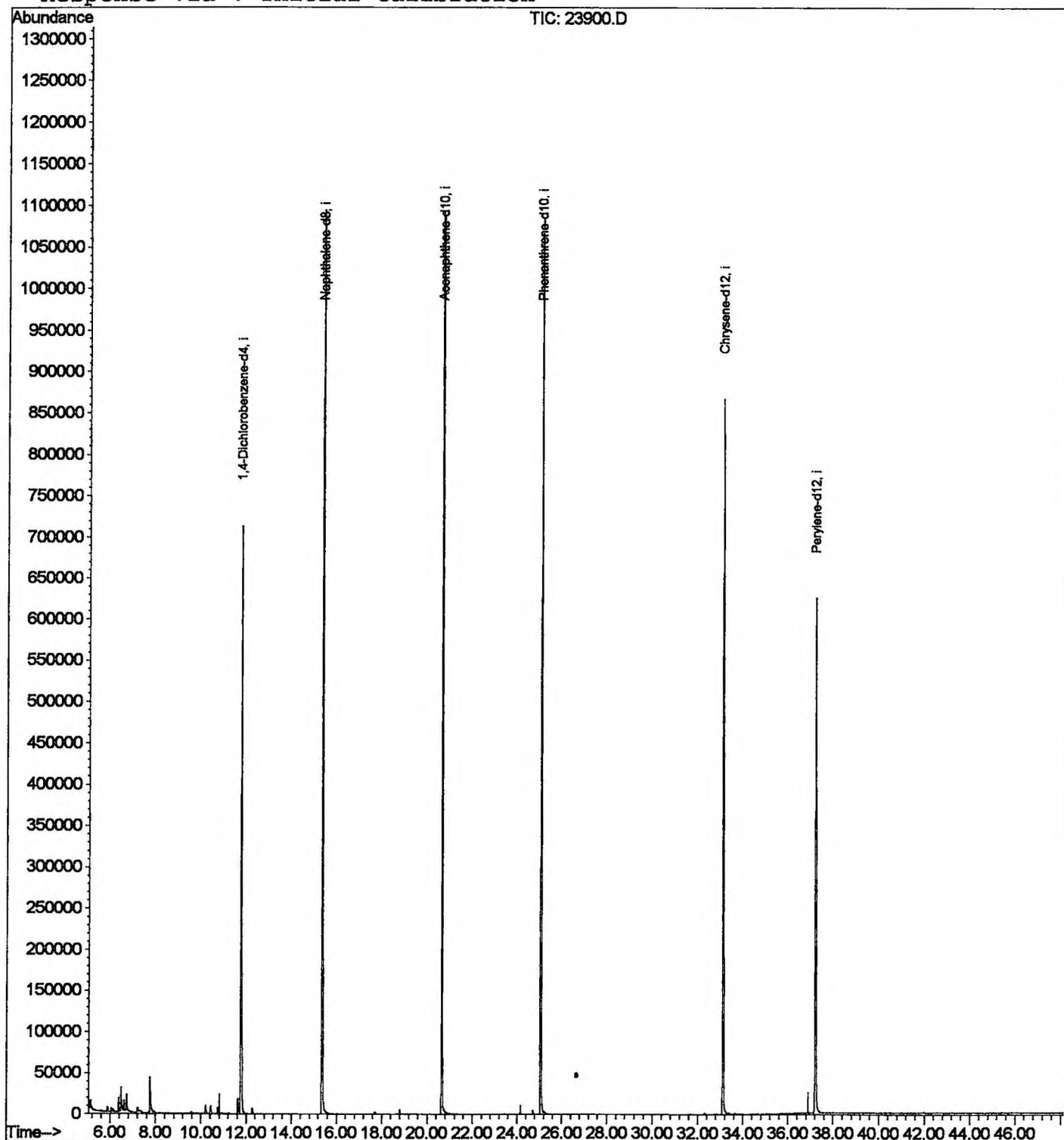
Quant Results File: NP091101.RES

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\23900.D

Acq On : 17 Oct 2001 5:12 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 5

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	143	147	153	rBV	18266	35999	1.45%	0.273%
2	6.488	153	158	169	rVV	30947	78323	3.14%	0.594%
3	6.626	169	173	180	rVV	14088	31534	1.27%	0.239%
4	6.736	182	185	192	rVB	20714	43143	1.73%	0.327%
5	7.755	293	296	313	rBV	43376	111474	4.48%	0.846%
6	11.629	714	718	727	rVB	18695	46468	1.87%	0.353%
7	11.767	727	733	750	rBV	713518	1789751	71.86%	13.579%
8	15.374	1120	1126	1141	rBV	1094978	2415159	96.98%	18.323%
9	20.653	1694	1701	1720	rBV	1094452	2490445	100.00%	18.895%
10	25.087	2177	2184	2195	rBV2	1067183	2331032	93.60%	17.685%
11	33.120	3052	3059	3073	rBV2	867112	2049623	82.30%	15.550%
12	37.233	3499	3507	3522	rBV2	624782	1757815	70.58%	13.336%

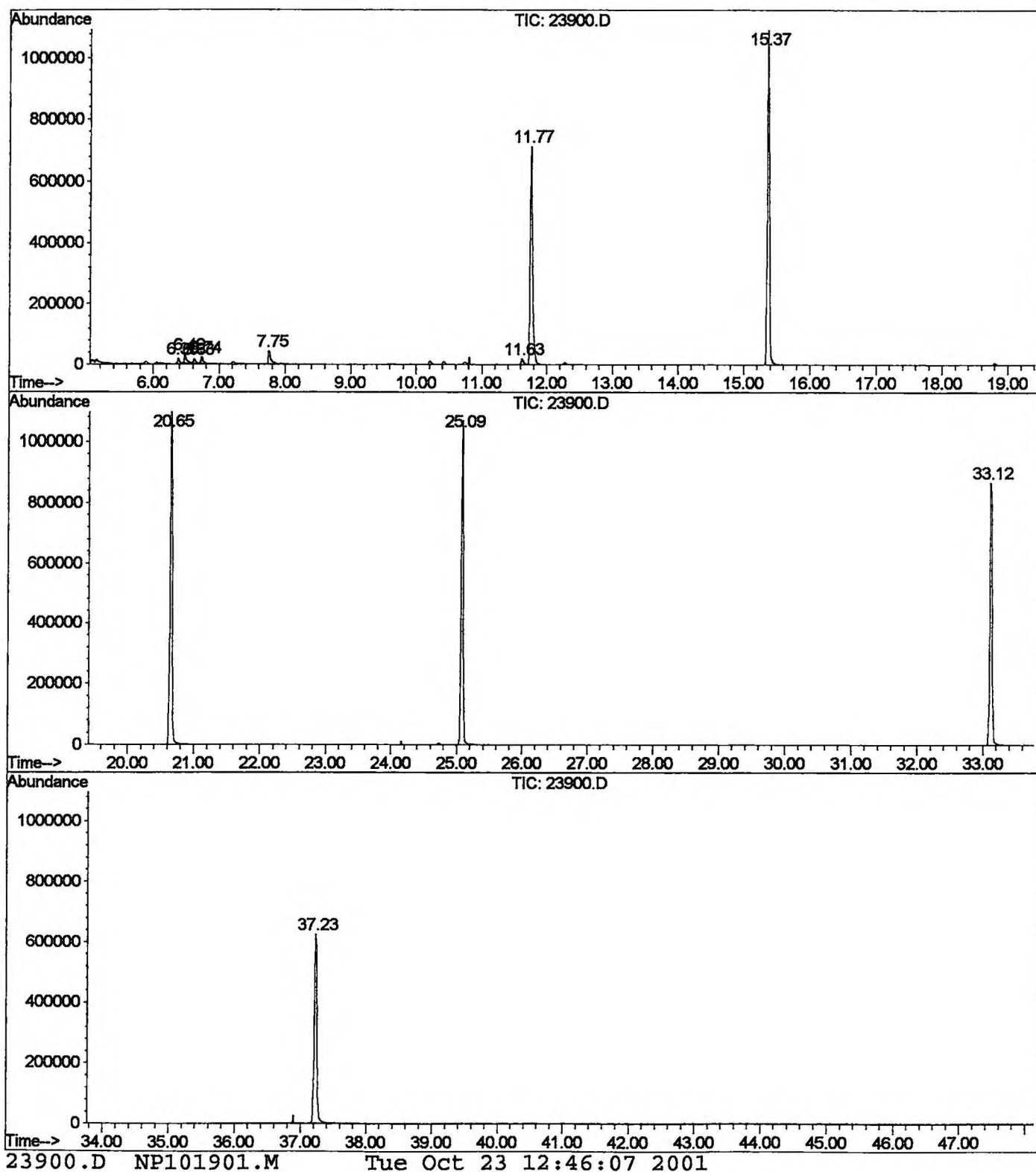
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23900.D NP101901.M

Tue Oct 23 12:46:05 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1701\23900.D
 Operator : 209 GALOS
 Acquired : 17 Oct 2001 5:12 pm using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 5
 Quant File :NP091101.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23900.D
Acq On : 17 Oct 2001 5:12 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

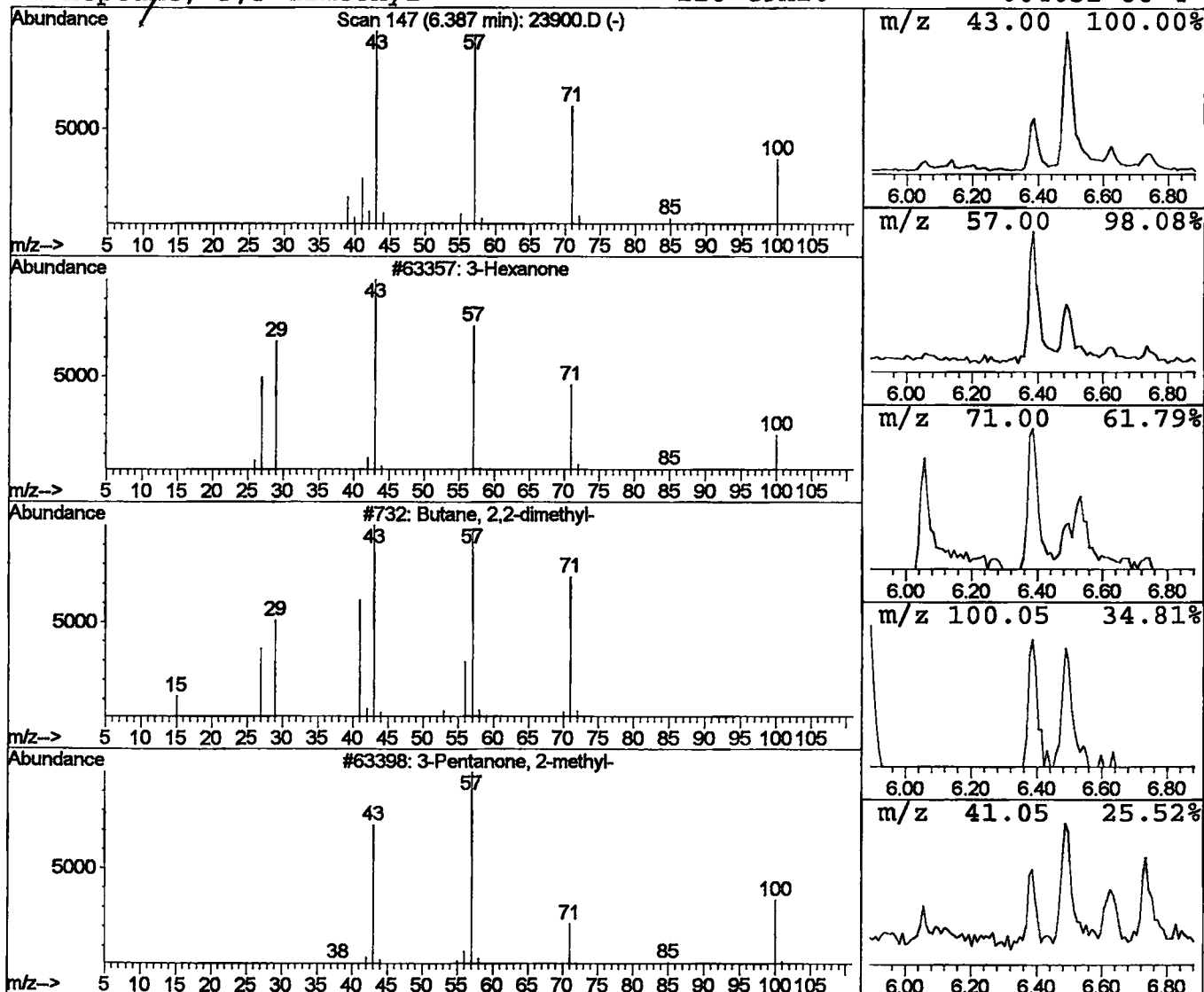
Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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	0.40 ug/l	35999	1,4-Dichlorobenzene-d4	11.77

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexanone	100	C6H12O	000589-38-8	78
2		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
3		3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	42
4		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23900.D
 Acq On : 17 Oct 2001 5:12 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

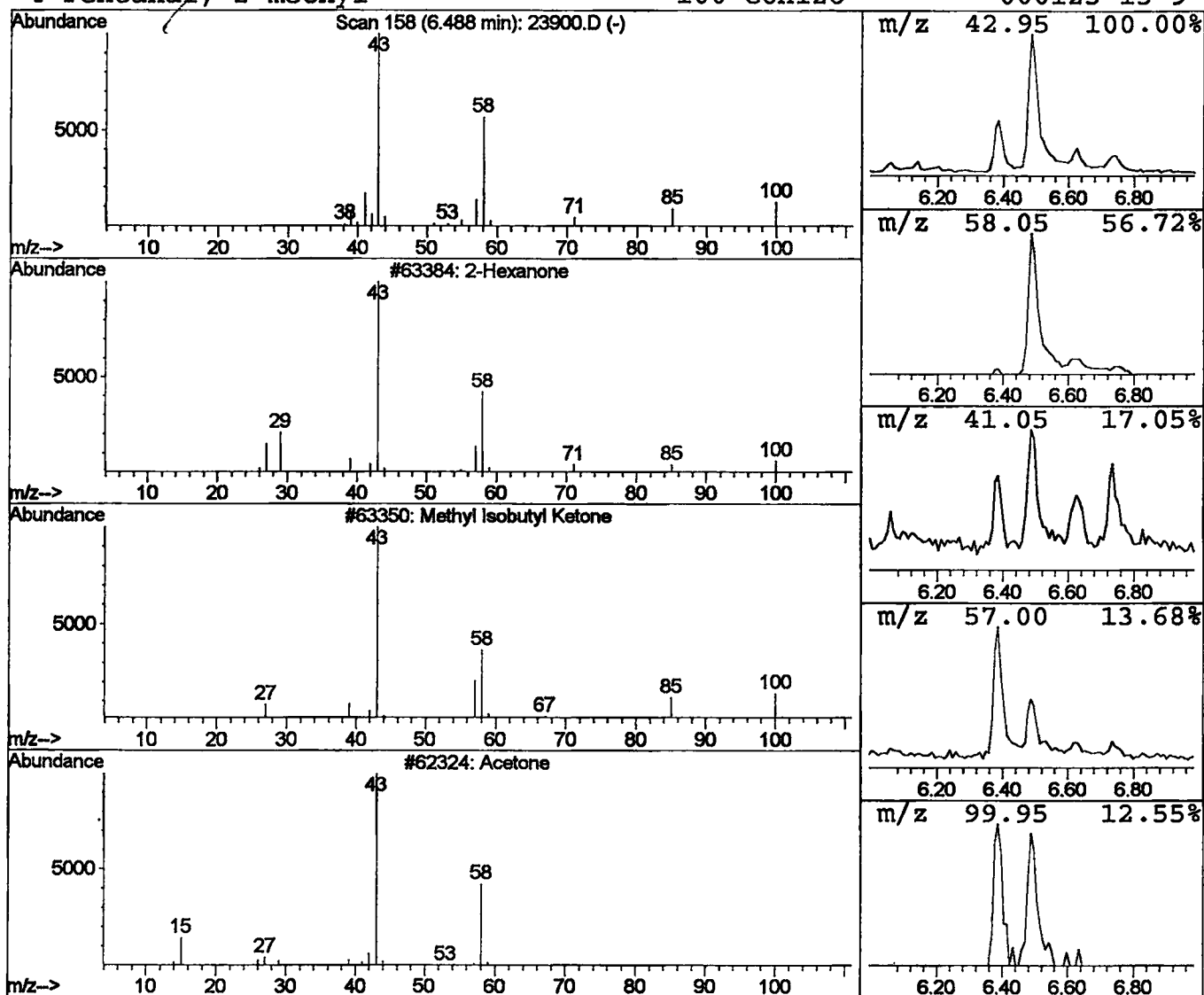
Vial: 5
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.88 ug/l	78323	1,4-Dichlorobenzene-d4	11.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanone	100	C6H12O	000591-78-6	90
2		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
3		Acetone	58	C3H6O	000067-64-1	42
4		Pentanal, 2-methyl-	100	C6H12O	000123-15-9	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23900.D
 Acq On : 17 Oct 2001 5:12 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

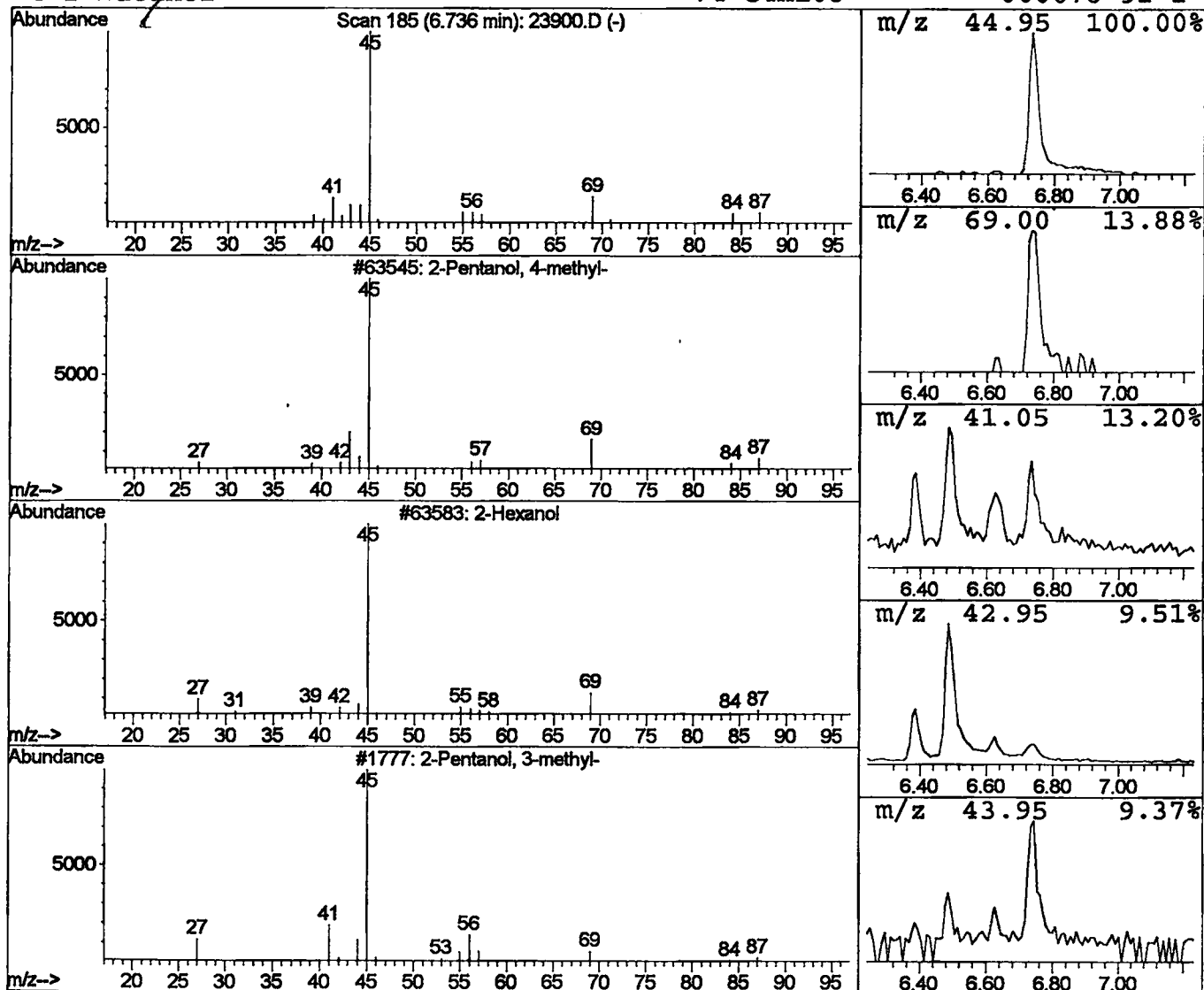
Vial: 5
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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-Pentanol, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.48 ug/l	43143	1,4-Dichlorobenzene-d4	11.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83	
2	2-Hexanol	102	C6H14O	000626-93-7	83	
3	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40	
4	2-Butanol	74	C4H10O	000078-92-2	39	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23900.D

Acq On : 17 Oct 2001 5:12 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 5

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

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

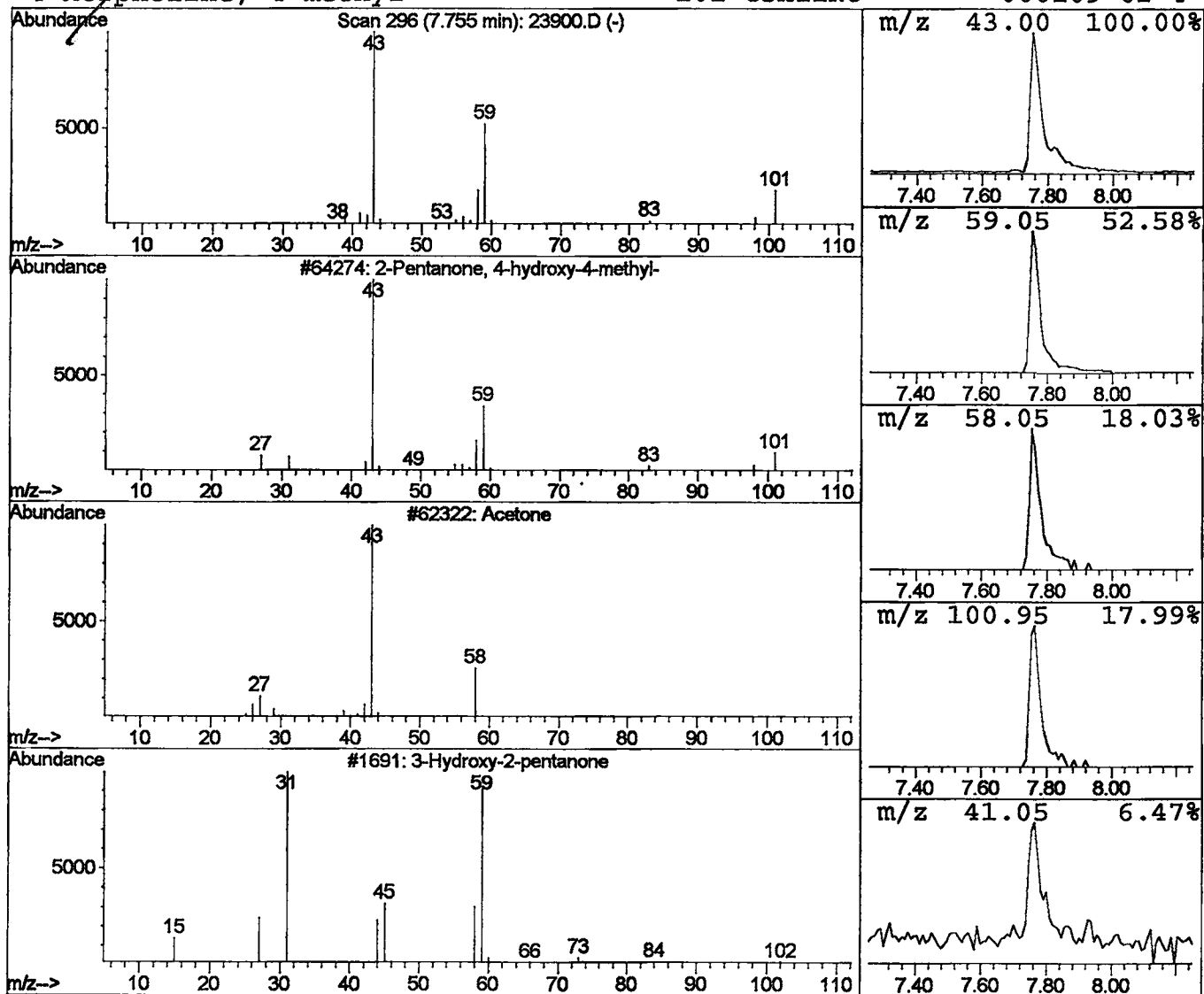
Title : 209 625/TCLP calibration table 7/16/01

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	1.25 ug/l	111474	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	45
2			Acetone	58	C3H6O	000067-64-1	12
3			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23900.D
 Acq On : 17 Oct 2001 5:12 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

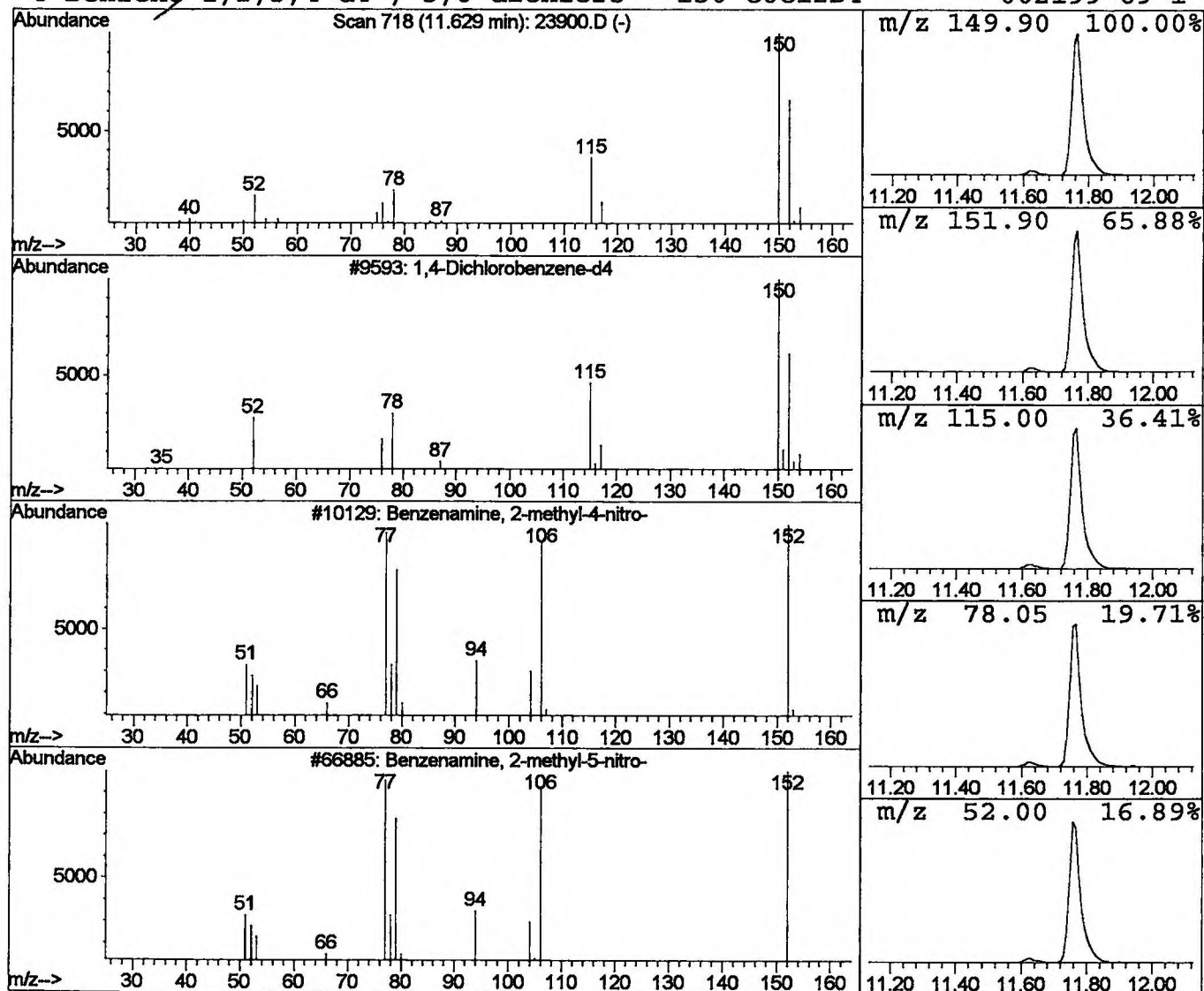
Vial: 5
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.52 ug/l	46468	1,4-Dichlorobenzene-d4	11.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	50
2		Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	12
3		Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	10
4		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Oct 2001 5:12 pm
Data File: C:\HPCHEM\1\DATA\OCT1701\23900.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	35999	ISTD01	11.77	1789750	20.0
2-Hexanone	6.49	0.9	ug/l	78323	ISTD01	11.77	1789750	20.0
2-Pentanol, 4-methyl	6.74	0.5	ug/l	43143	ISTD01	11.77	1789750	20.0
2-Pentanone, 4-hydro	7.75	1.2	ug/l	111474	ISTD01	11.77	1789750	20.0
1,4-Dichlorobenzene	11.63	0.5	ug/l	46468	ISTD01	11.77	1789750	20.0

23900.D NP101901.M Tue Oct 23 12:46:20 2001