

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/25/2001 Time: 12:41:21

Sample: AD23948
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/25/01 12:40 Ended: 10/25/01 12:40 Analyst: MG
 Page: 1

	Component Name	Vol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23948 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-25-2001 Time: 12:41:26

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

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23948.D

Vial: 15

Acq On : 18 Oct 2001 2:58 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 23 15:47 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	360247	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1396847	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.65	164	658495	20.00	ug/l	-0.16
49) Phenanthrene-d10	25.08	188	949593	20.00	ug/l	-0.16
59) Chrysene-d12	33.12	240	703861	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	502907	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	3719	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	1305	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

23948.D NP101901.M Tue Oct 23 15:50:51 2001

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Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23948.D

Vial: 15

Acq On : 18 Oct 2001 2:58 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 23 15:47 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	25.09	178	107	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.08	149	1494	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	1642	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.39	149	783	N.D.		
67) Chrysene	33.12	228	1642	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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23948.D

Vial: 15

Acq On : 18 Oct 2001 2:58 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 23 15:47 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	1888	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
23948.D NP101901.M Tue Oct 23 15:50:57 2001

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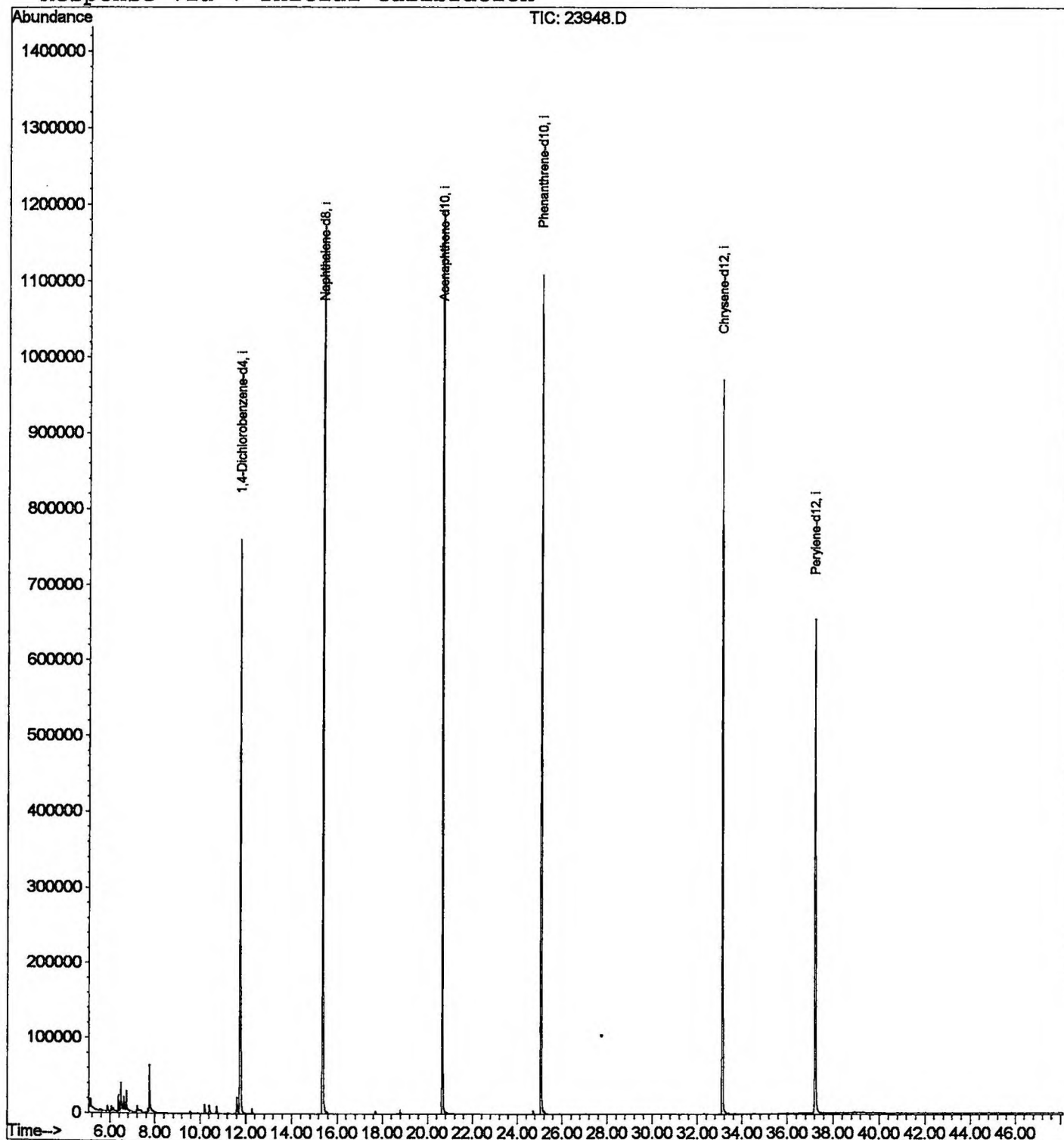
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23948.D
Acq On : 18 Oct 2001 2:58 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 23 15:47 2001

Vial: 15
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\23948.D

Acq On : 18 Oct 2001 2:58 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 15

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	6.386	143	147	152	rBV	21619	43452	1.66%	0.308%
2	6.487	152	158	169	rVV	38436	100675	3.84%	0.713%
3	6.625	169	173	181	rVV	19217	44927	1.71%	0.318%
4	6.735	181	185	195	rVB	26568	59926	2.28%	0.425%
5	7.213	229	237	243	rBV	8871	26373	1.01%	0.187%
6	7.754	292	296	308	rBV	61978	154021	5.87%	1.091%
7	10.215	558	564	571	rVB	12744	30195	1.15%	0.214%
8	10.417	583	586	597	rBV2	11229	28200	1.07%	0.200%
9	11.619	713	717	727	rBV	21730	51344	1.96%	0.364%
10	11.757	727	732	748	rVV	759068	1897852	72.34%	13.449%
11	15.374	1119	1126	1140	rBV	1157598	2574142	98.12%	18.242%
12	20.653	1694	1701	1716	rBV	1192869	2623472	100.00%	18.592%
13	25.078	2177	2183	2196	rBV2	1109090	2458122	93.70%	17.420%
14	33.119	3052	3059	3072	rBV2	970755	2192330	83.57%	15.536%
15	37.232	3499	3507	3522	rBV	651943	1825963	69.60%	12.940%

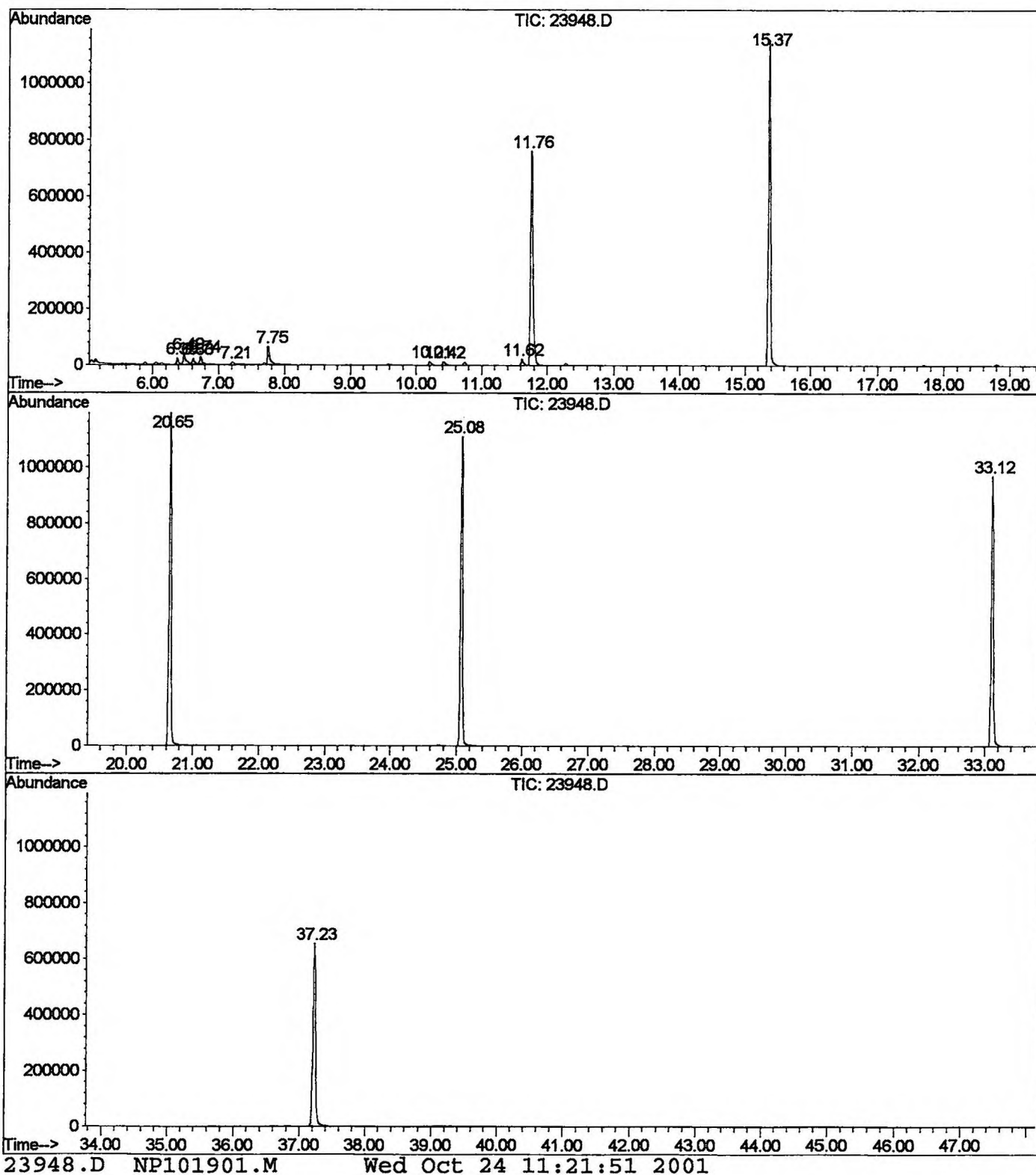
Sum of corrected areas: 14110994

23948.D NP101901.M

Wed Oct 24 11:21:49 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1701\23948.D
Operator : 209 GALOS
Acquired : 18 Oct 2001 2:58 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 15
Quant File :NP091101.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23948.D
Acq On : 18 Oct 2001 2:58 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

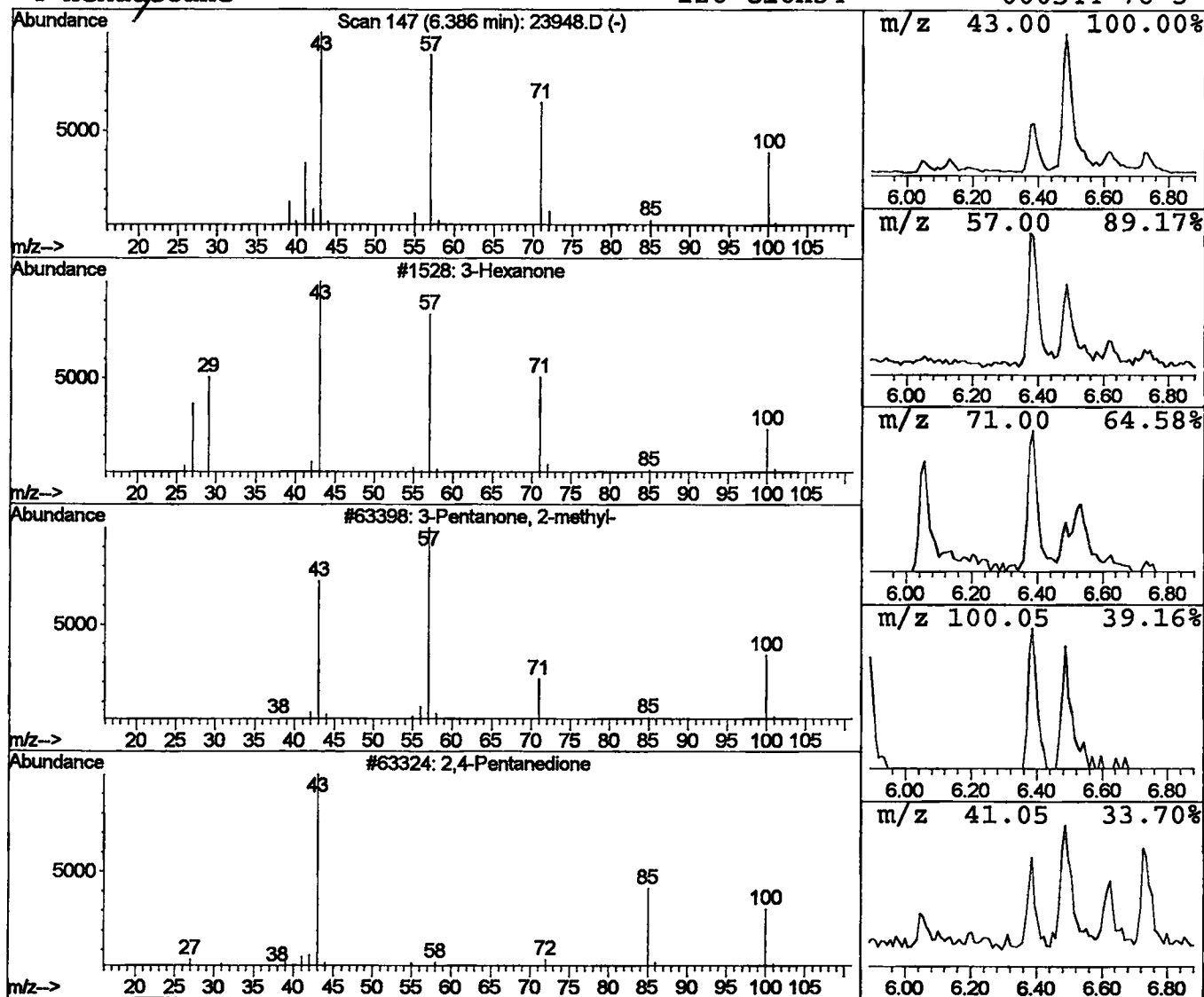
Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	0.46 ug/l	43452	1,4-Dichlorobenzene-d4	11.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexanone	100	C6H12O	000589-38-8	58
2			3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	40
3			2,4-Pentanedione	100	C5H8O2	000123-54-6	35
4			Hexadecane	226	C16H34	000544-76-3	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23948.D
 Acq On : 18 Oct 2001 2:58 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

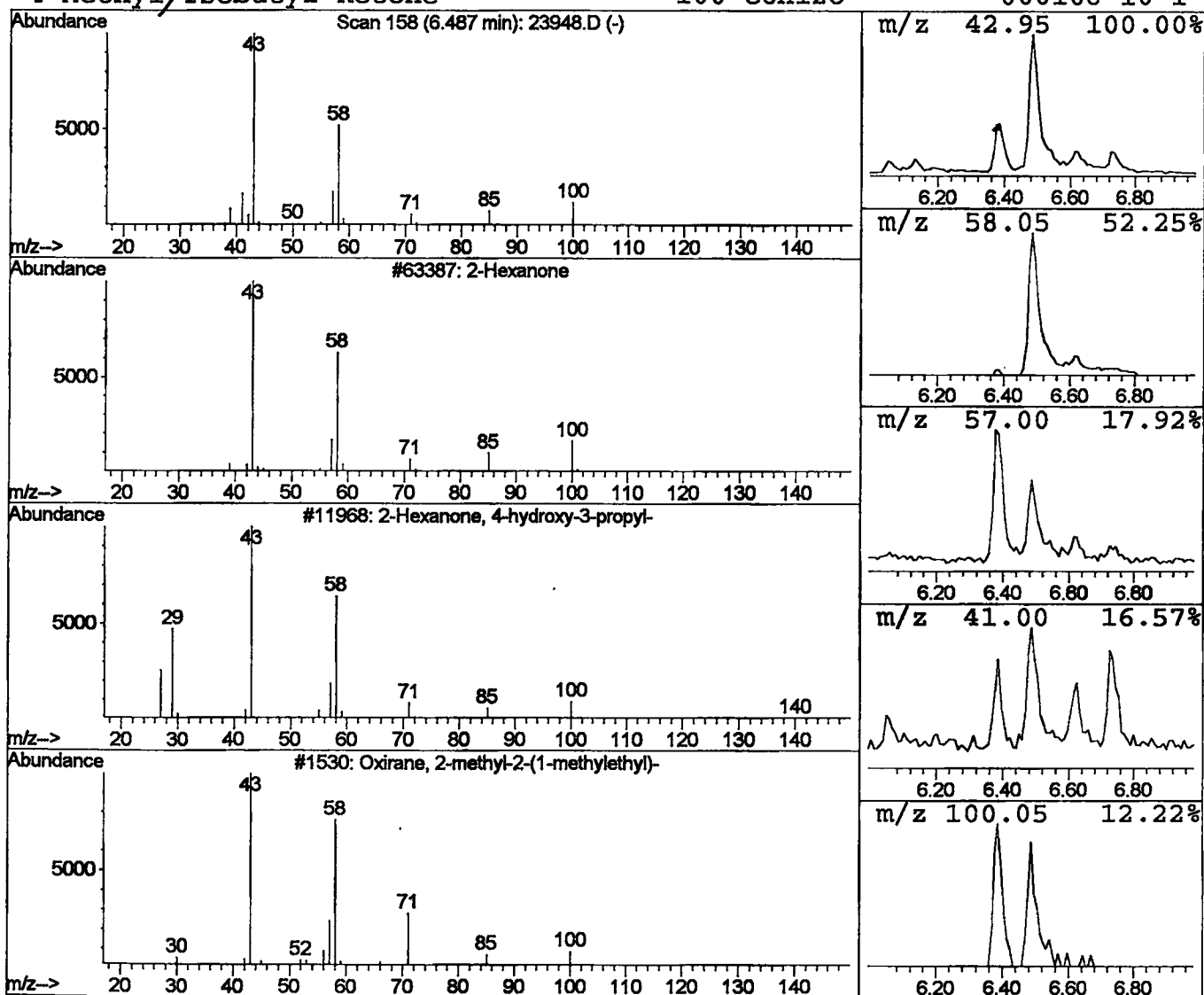
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	1.06 ug/l	100675	1,4-Dichlorobenzene-d4	11.77

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	83
3	Oxirane, 2-methyl-2-(1-methylethyl)-	100	C6H12O	072221-03-5	78
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23948.D
 Acq On : 18 Oct 2001 2:58 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

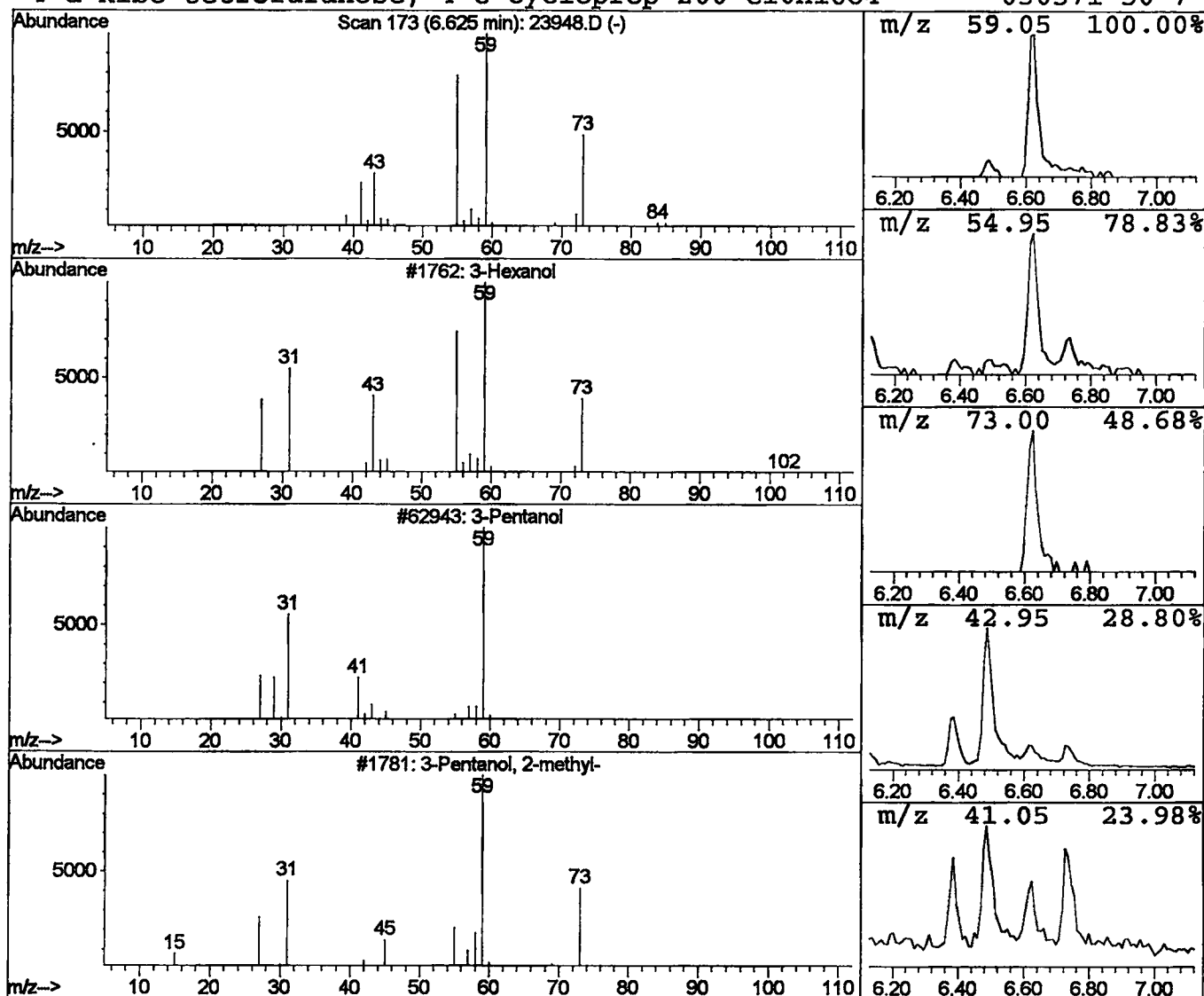
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	0.47 ug/l	44927	1,4-Dichlorobenzene-d4	11.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol		102	C6H14O	000623-37-0	83
2	3-Pentanol		88	C5H12O	000584-02-1	40
3	3-Pentanol, 2-methyl-		102	C6H14O	000565-67-3	38
4	d-Ribo-tetrofuranose, 4-c-cycloprop		200	C10H16O4	030571-50-7	36



Library Search Compound Report

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 Acq On : 18 Oct 2001 2:58 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

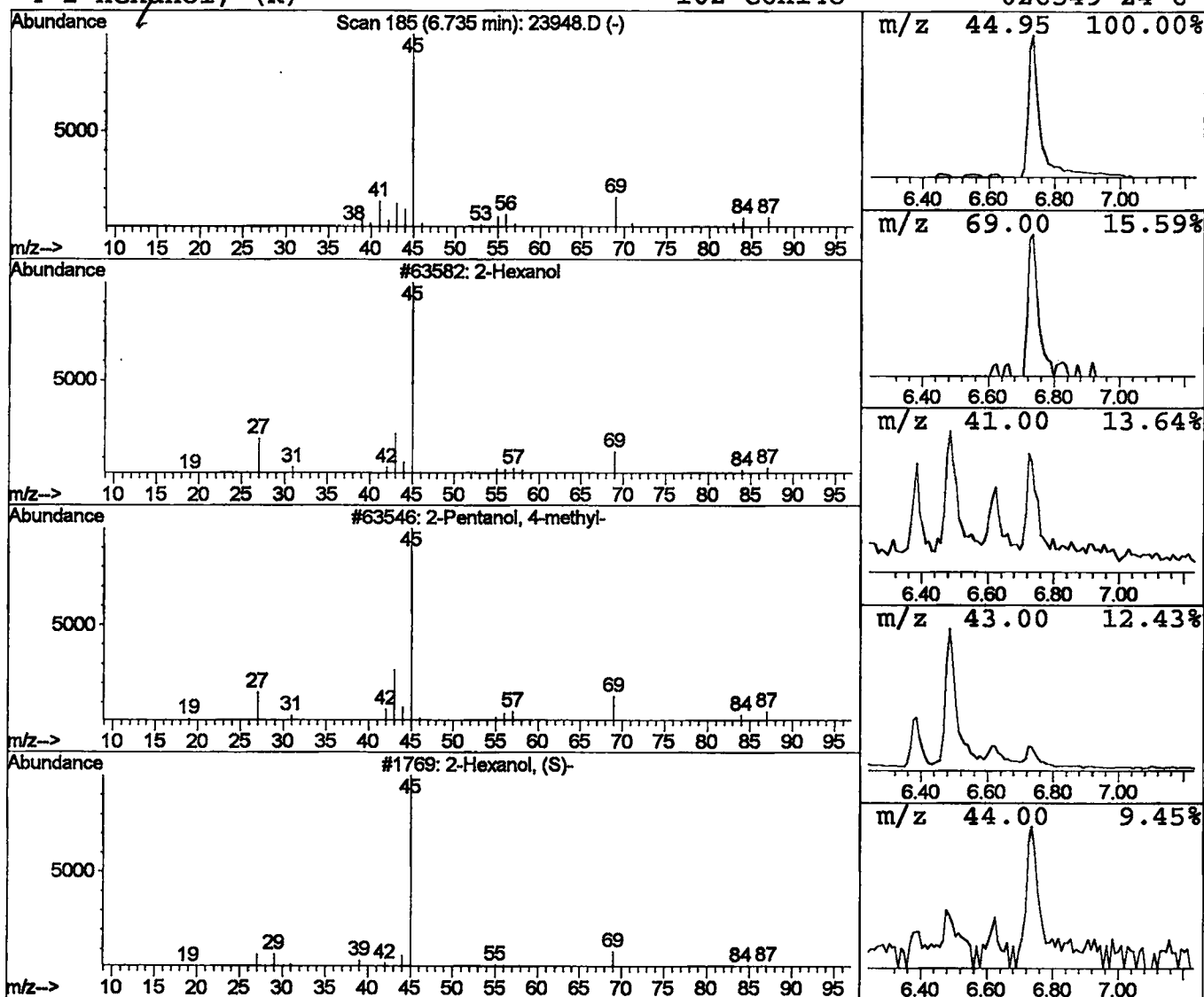
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.63 ug/l	59926	1,4-Dichlorobenzene-d4	11.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanol	102	C6H14O	000626-93-7	74
2		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
3		2-Hexanol, (S)-	102	C6H14O	052019-78-0	43
4		2-Hexanol, (R)-	102	C6H14O	026549-24-6	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23948.D
 Acq On : 18 Oct 2001 2:58 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

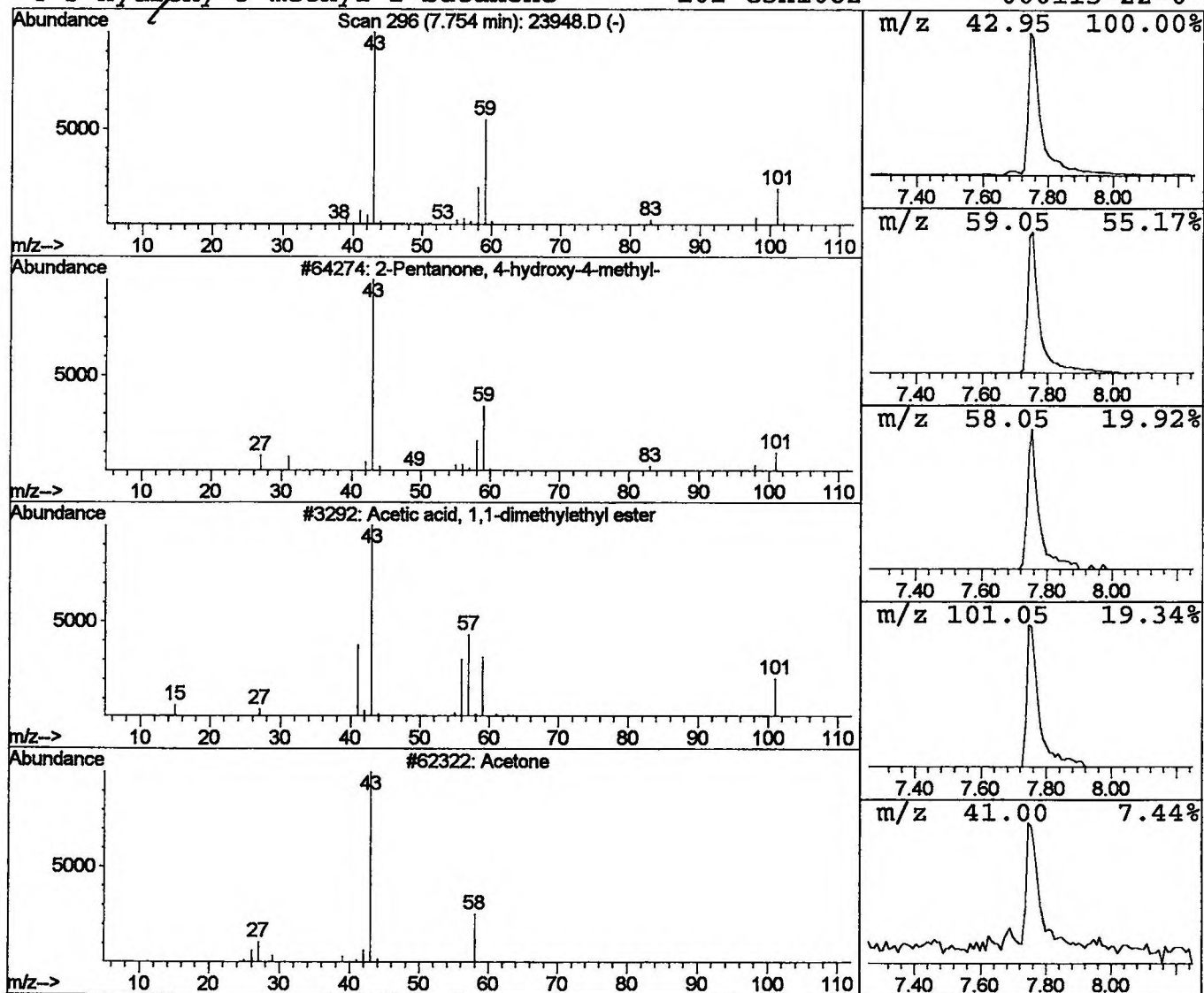
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	1.62 ug/l	154021	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	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	Acetone	58	C3H6O	000067-64-1	12
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23948.D
 Acq On : 18 Oct 2001 2:58 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

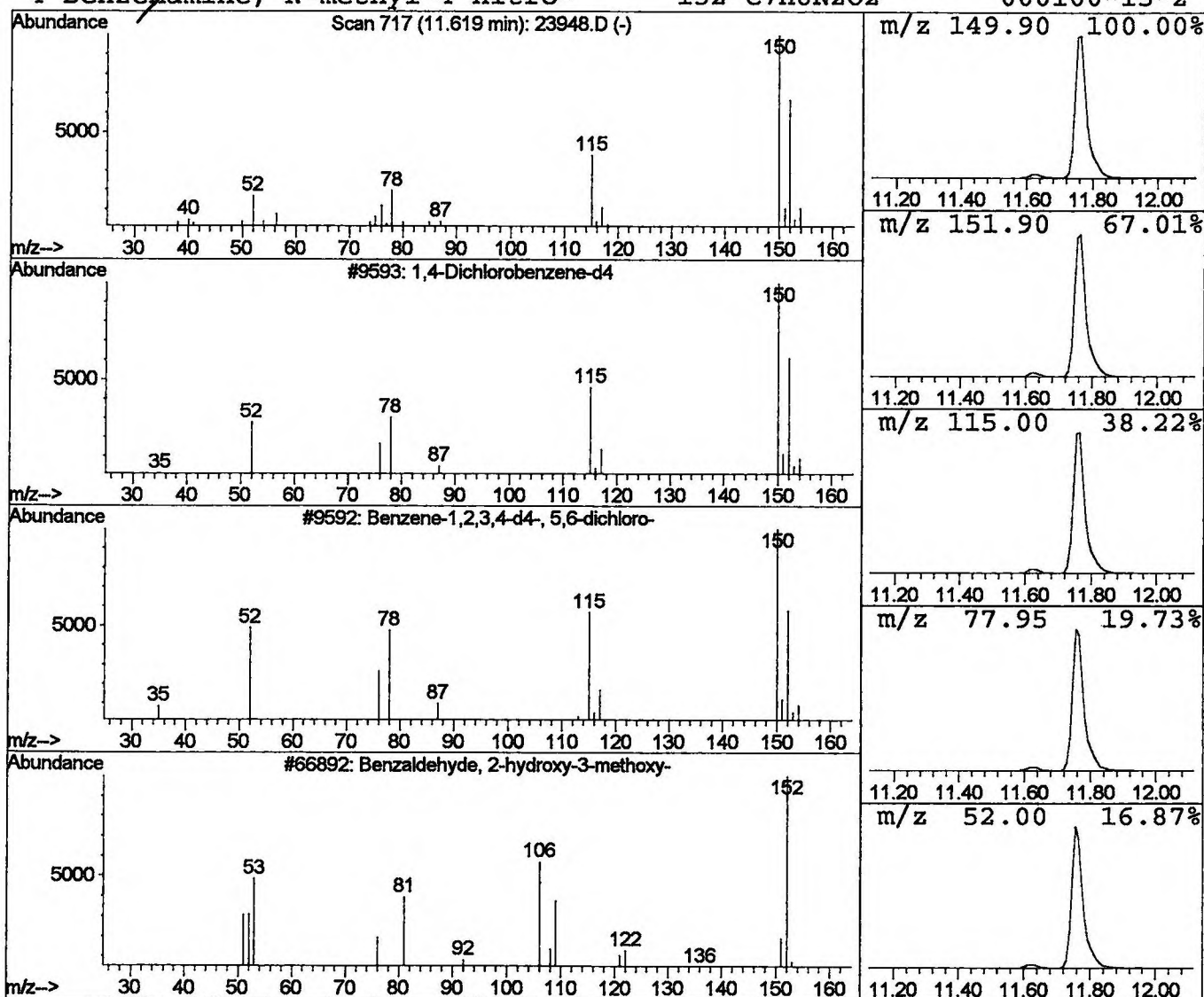
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 6 1,4-Dichlorobenzene-d4 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	0.54 ug/l	51344	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	53
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	32
3		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4		Benzenamine, N-methyl-4-nitro-	152	C7H8N2O2	000100-15-2	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Oct 2001 2:58 am
Data File: C:\HPCHEM\1\DATA\OCT1701\23948.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	0.5 ug/l	43452	ISTD01	11.77	1897850	20.0
2-Hexanone	6.49	1.1 ug/l	100675	ISTD01	11.77	1897850	20.0
3-Hexanol	6.63	0.5 ug/l	44927	ISTD01	11.77	1897850	20.0
2-Hexanol	6.74	0.6 ug/l	59926	ISTD01	11.77	1897850	20.0
2-Pentanone, 4-hydro	7.75	1.6 ug/l	154021	ISTD01	11.77	1897850	20.0
1,4-Dichlorobenzene-	11.62	0.5 ug/l	51344	ISTD01	11.77	1897850	20.0

23948.D NP101901.M Wed Oct 24 11:22:07 2001