User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/25/2001 Time: 12:25:57

Sample: AD23947
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/25/01 12:20 Ended: 10/25/01 12:20 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

Comments for Sample AD23947 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-25-2001 Time: 12:26:02

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\23947.D Vial: 14
Acq On : 18 Oct 2001 2:00 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	363142	20.00	ug/l	-0.14
19) Naphthalene-d8	15.38	136	1413112	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.65	164	656782	20.00	ug/l	-0.16
49) Phenanthrene-d10	25.08	188	949795	20.00	ug/l	-0.16
59) Chrysene-d12	33.12	240	667738	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	473982	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	3462	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	18.80	172	1495	0.03	ug/l	-0.01
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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23947.D Vial: 14
Acq On : 18 Oct 2001 2:00 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	22.16	149	229	N.D.	
46)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
47)	Fluorene	0.00	166	0	N.D.	
48)	Azobenzen/ 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	275	N.D.	
56)	Anthracene	25.09	178	275	N.D.	
57)	Di-n-butylphthalate	27.09	149	2270	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	1664	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.39	149	767	N.D.	
67)	Chrysene	33.12	228	1664	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1701\23947.D Vial: 14
Acq On : 18 Oct 2001 2:00 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

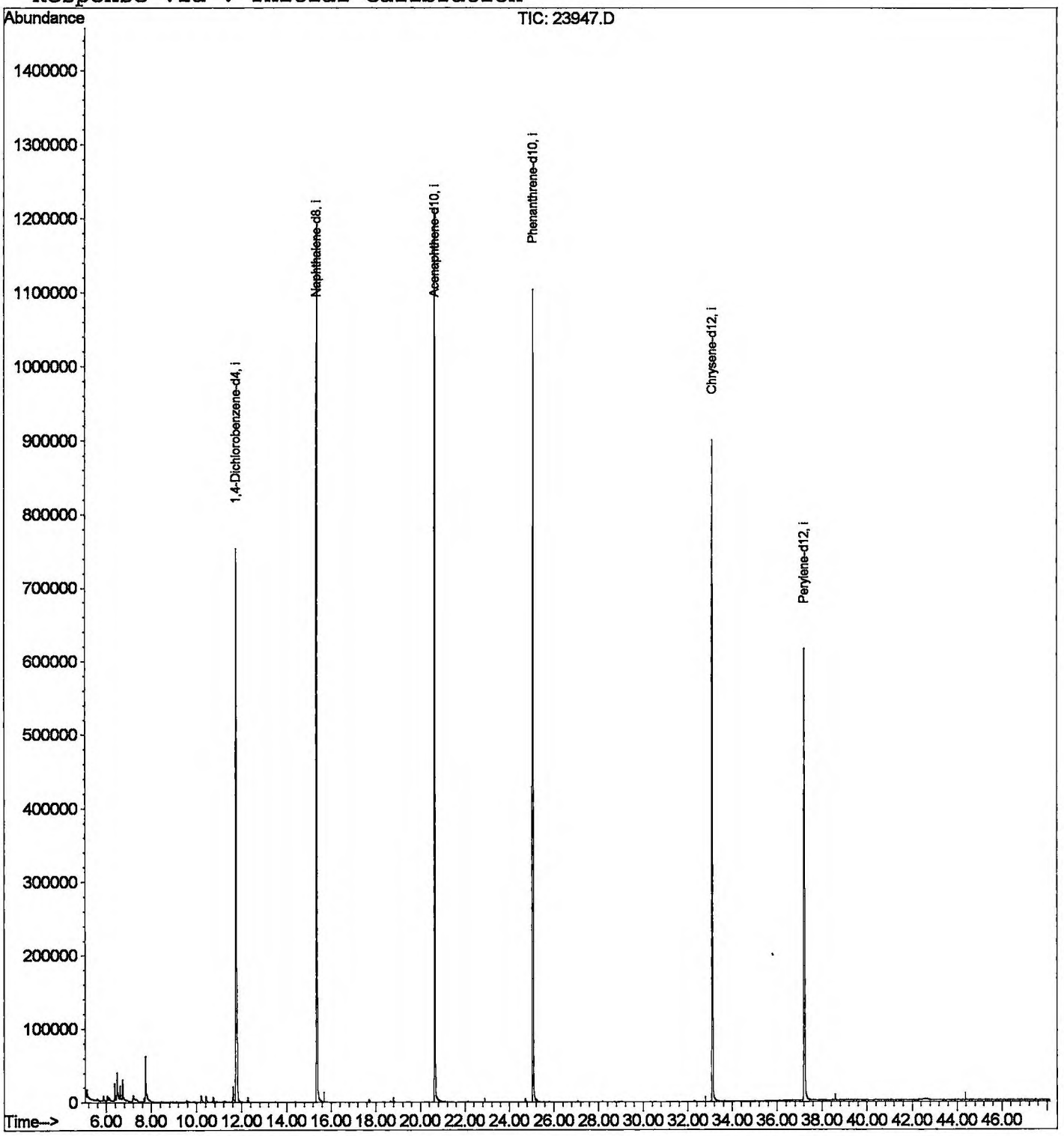
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.23	252	1694	N.D.	
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23947.D Vial: 14
Acq On : 18 Oct 2001 2:00 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

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\23947.D Vial: 14
Acq On : 18 Oct 2001 2:00 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\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

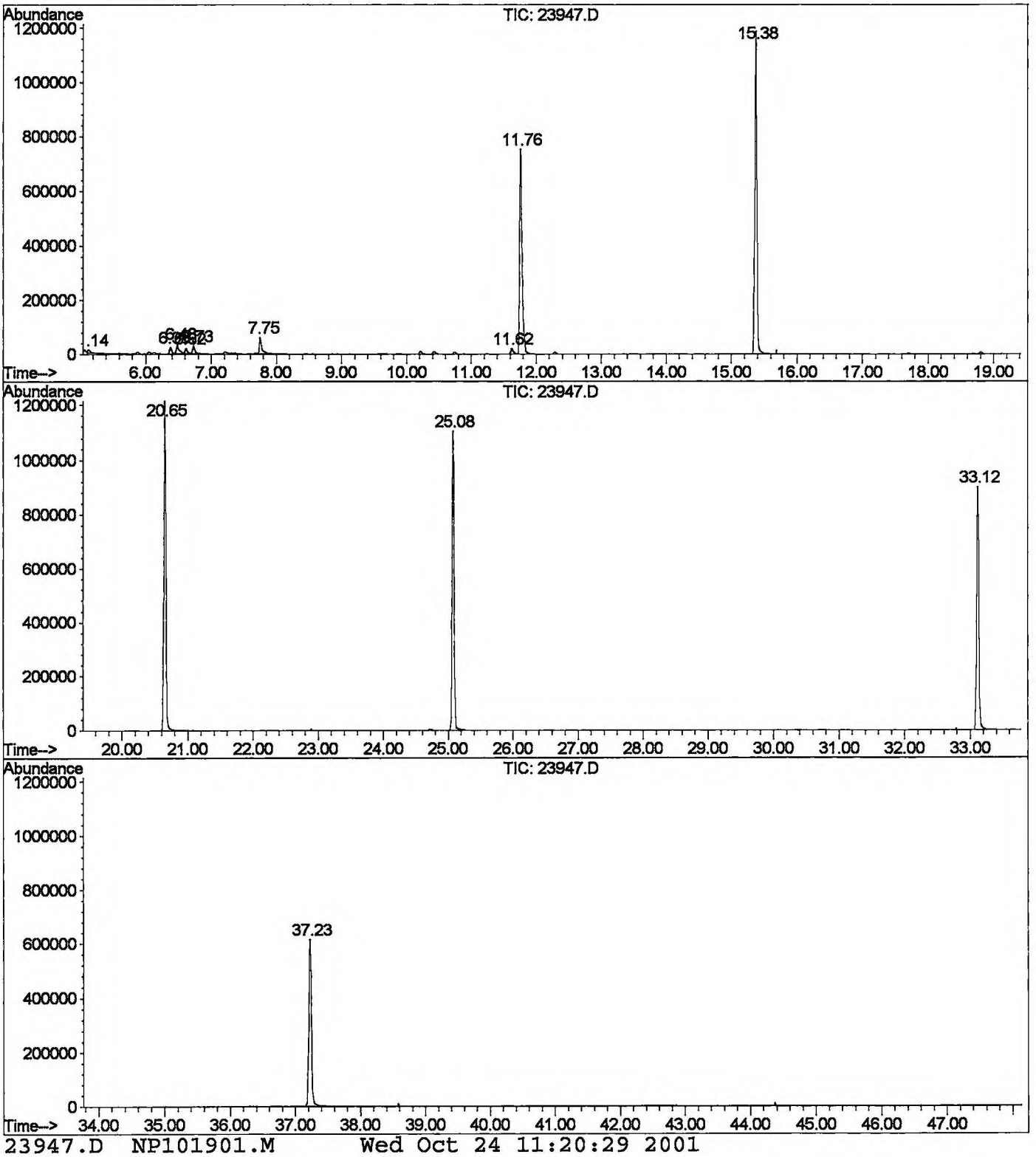
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.140	8	11	19	rVB	12290	27608	1.06%	0.200%
2	6.379	142	146	151	rBV	24020	47129	1.80%	0.342%
3	6.480	153	157	167	rVV	38283	98368	3.76%	0.713%
4	6.618	169	172	181	rVV	19931	44386	1.70%	0.322%
5	6.728	181	184	193	rVB2	27635	57200	2.19%	0.415%
6	7.747	292	295	312	rBV	60798	153416	5.87%	1.112%
7	11.621	711	717	727	rBV	21356	50815	1.94%	0.368%
8	11.759	727	732	745	rBV	753334	1905272	72.89%	13.807%
9	15.376	1120	1126	1144	rBV	1187605	2581594	98.77%	18.709%
10	20.654	1695	1701	1721	rBV	1214558	2613730	100.00%	18.942%
11	25.079	2177	2183	2195	rBV2	1104499	2424755	92.77%	17.572%
12	33.121	3052	3059	3075	rBV2	900568	2079836	79.57%	15.073%
13	37.234	3498	3507	3524	rBV2	614601	1714750	65.61%	12.427%

Sum of corrected areas: 13798859

23947.D NP101901.M Wed Oct 24 11:20:27 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1701\23947.D
Operator : 209 GALOS
Acquired : 18 Oct 2001 2:00 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 14
Quant File :NP091101.RES (RTE Integrator)



23947.D NP101901.M Wed Oct 24 11:20:29 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23947.D
Acq On : 18 Oct 2001 2:00 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

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

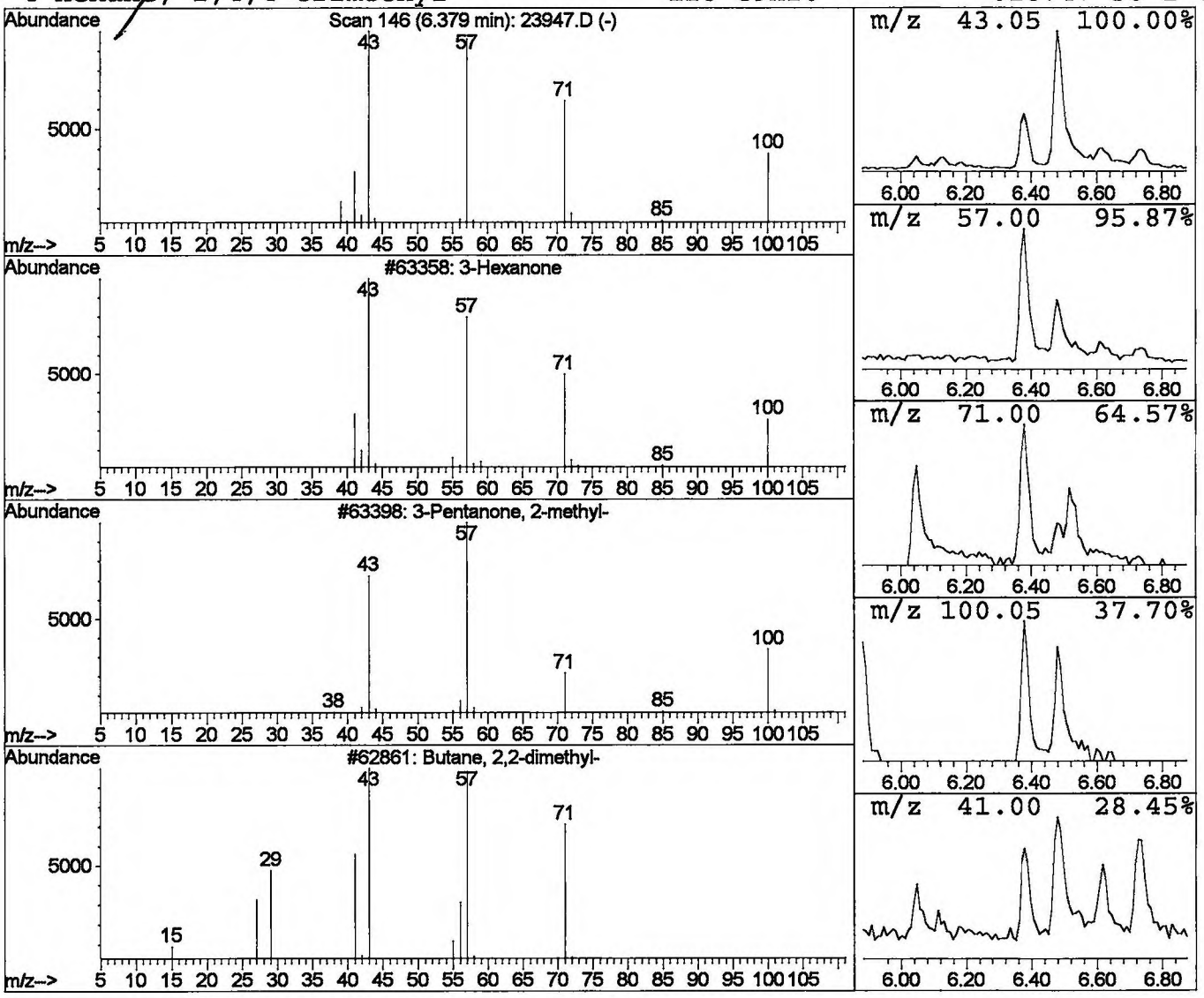
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.49 ug/l	47129	1,4-Dichlorobenzene-d4	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	90
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	64
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23947.D
Acq On : 18 Oct 2001 2:00 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

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

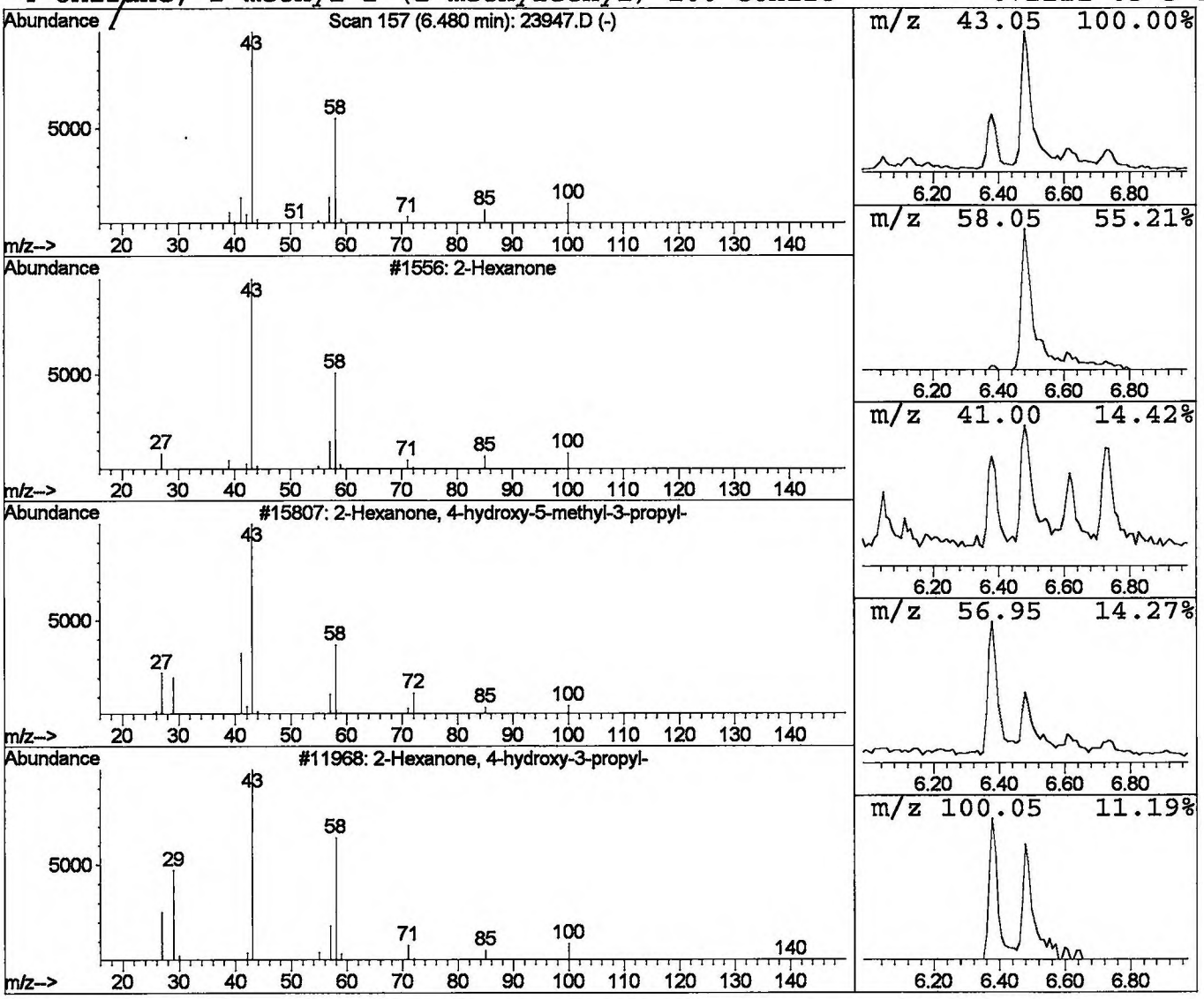
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	1.03 ug/l	98368	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-5-methyl-3-pr	172	C10H20O2	061141-74-0	78
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
4	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23947.D
Acq On : 18 Oct 2001 2:00 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

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

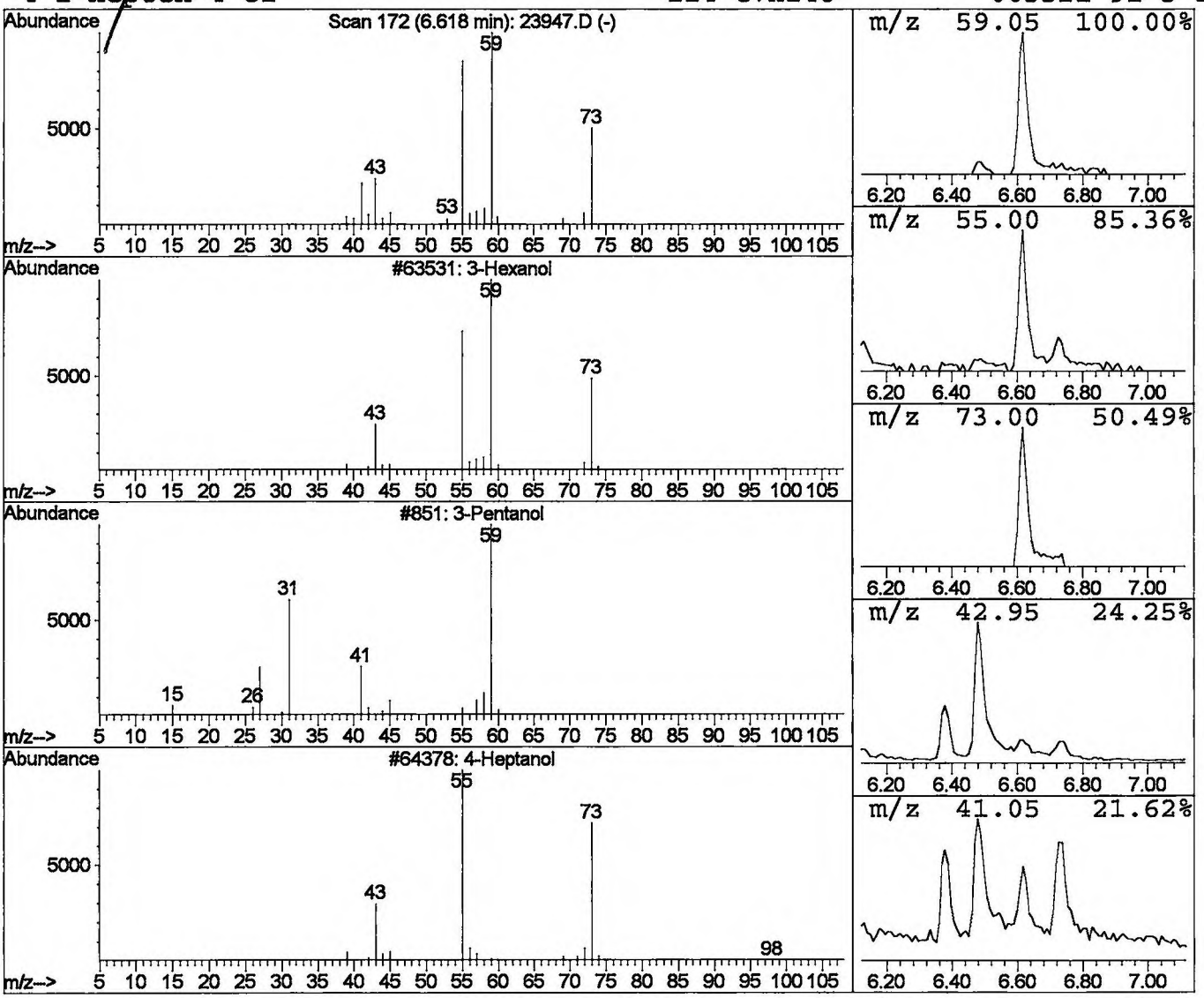
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	0.47 ug/l	44386	1,4-Dichlorobenzene-d4	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	90
2	3-Pentanol	88	C5H12O	000584-02-1	59
3	4-Heptanol	116	C7H16O	000589-55-9	22
4	1-Hepten-4-ol	114	C7H14O	003521-91-3	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23947.D
Acq On : 18 Oct 2001 2:00 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

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

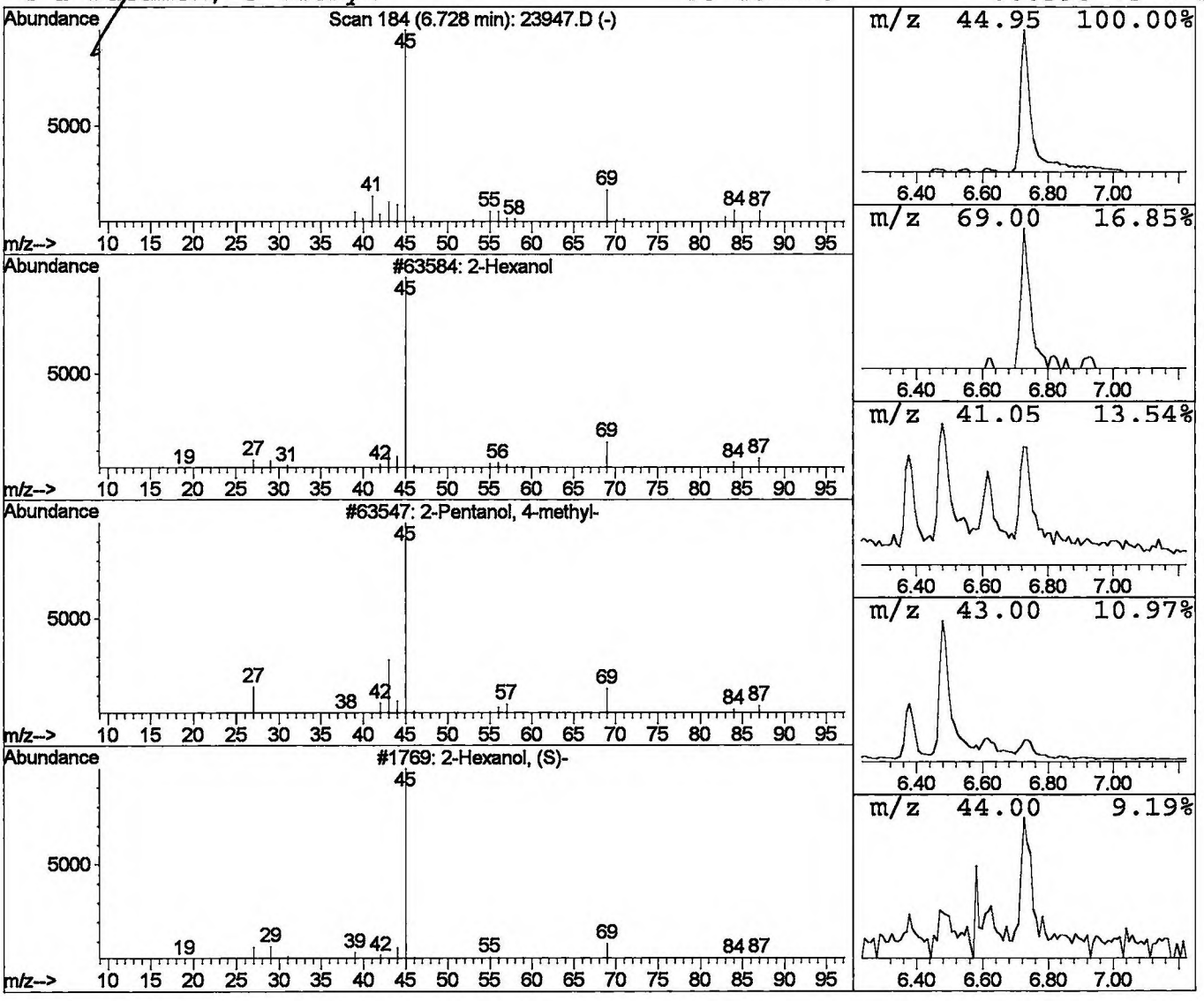
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.60 ug/l	57200	1,4-Dichlorobenzene-d4	11.77

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-Butanol, 3-methyl-	88	C5H12O	000598-75-4	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23947.D
Acq On : 18 Oct 2001 2:00 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

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

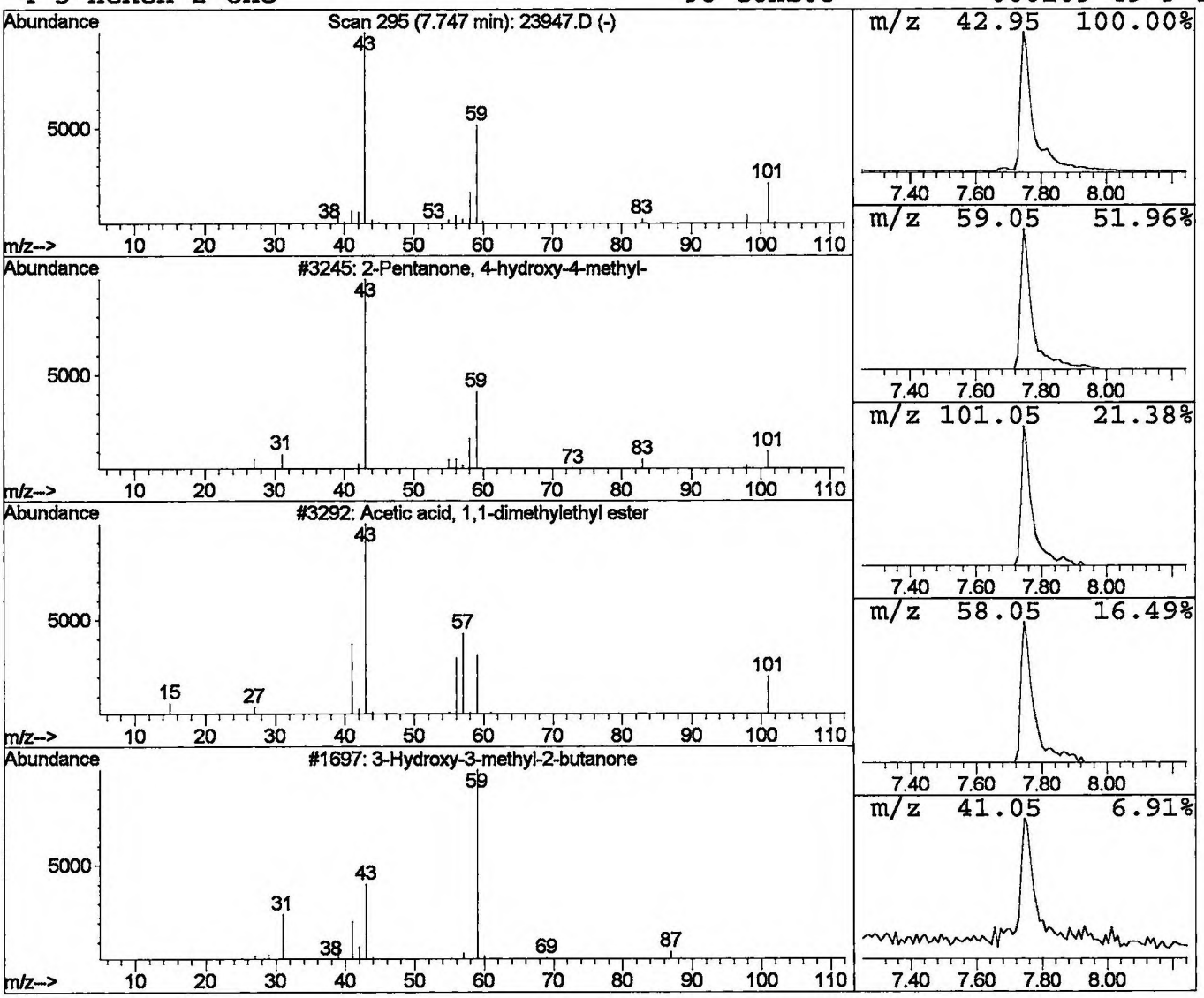
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	1.61 ug/l	153416	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	64
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1701\23947.D
Acq On : 18 Oct 2001 2:00 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

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

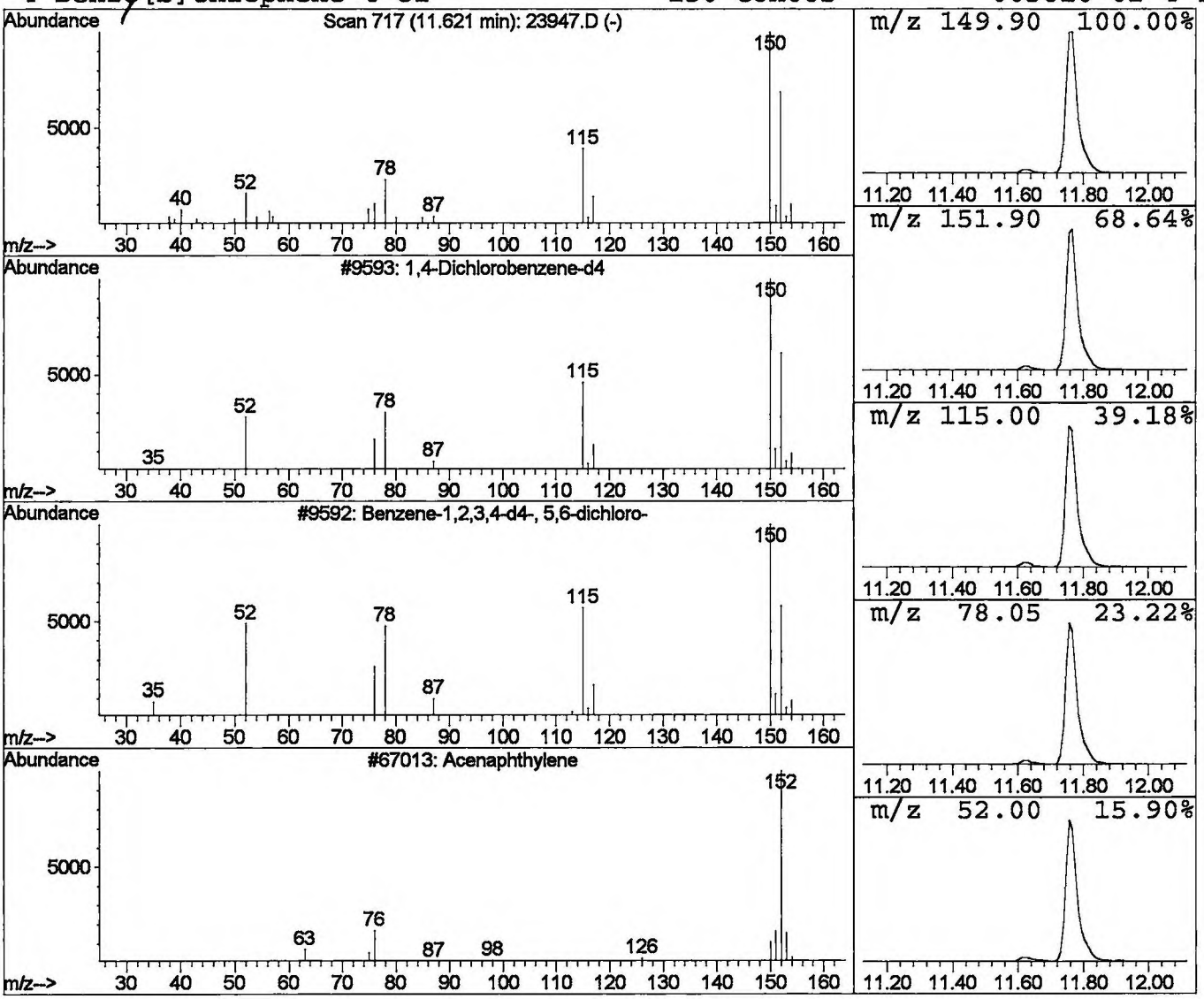
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1,4-Dichlorobenzene-d4 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	0.53 ug/l	50815	1,4-Dichlorobenzene-d4	11.77

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	33
3	Acenaphthylene	152	C12H8	000208-96-8	9
4	Benzo[b]thiophene-4-ol	150	C8H6OS	003610-02-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Oct 2001 2:00 am
Data File: C:\HPCHEM\1\DATA\OCT1701\23947.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	0.5	ug/l	47129	ISTD01	11.77	1905270	20.0
2-Hexanone	6.48	1.0	ug/l	98368	ISTD01	11.77	1905270	20.0
3-Hexanol	6.62	0.5	ug/l	44386	ISTD01	11.77	1905270	20.0
2-Hexanol	6.73	0.6	ug/l	57200	ISTD01	11.77	1905270	20.0
2-Pentanone, 4-hydro	7.75	1.6	ug/l	153416	ISTD01	11.77	1905270	20.0
1,4-Dichlorobenzene-	11.62	0.5	ug/l	50815	ISTD01	11.77	1905270	20.0

23947.D NP101901.M Wed Oct 24 11:20:44 2001