User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/17/2001 Time: 11:06:03

Sample: AD23723
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/17/01 11:01 Ended: 10/17/01 11:01 Analyst: MG
Page: 1

	Component Name	Vio	Result
1	Other unknown compounds		see comment

Comments for Sample AD23723 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-17-2001 Time: 11:06:15

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\23723.D
Acq On : 16 Oct 2001 5:46 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:41 2001

Vial: 19
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	377303	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1462184	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	692739	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.08	188	990814	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	691752	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	494897	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	11.75	132	180	0.01	ug/l	0.34
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.28	152	3814	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	1243	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1501\23723.D Vial: 19
Acq On : 16 Oct 2001 5:46 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:41 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	15.43	128	2309	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	1722	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	25.14	178	2273	N.D.	
56)	Anthracene	25.14	178	2273	N.D.	
57)	Di-n-butylphthalate	27.08	149	2078	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	1511	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.38	149	1083	N.D.	
67)	Chrysene	33.12	228	1511	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\OCT1501\23723.D Vial: 19
Acq On : 16 Oct 2001 5:46 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:41 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	37.22	252	1662	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

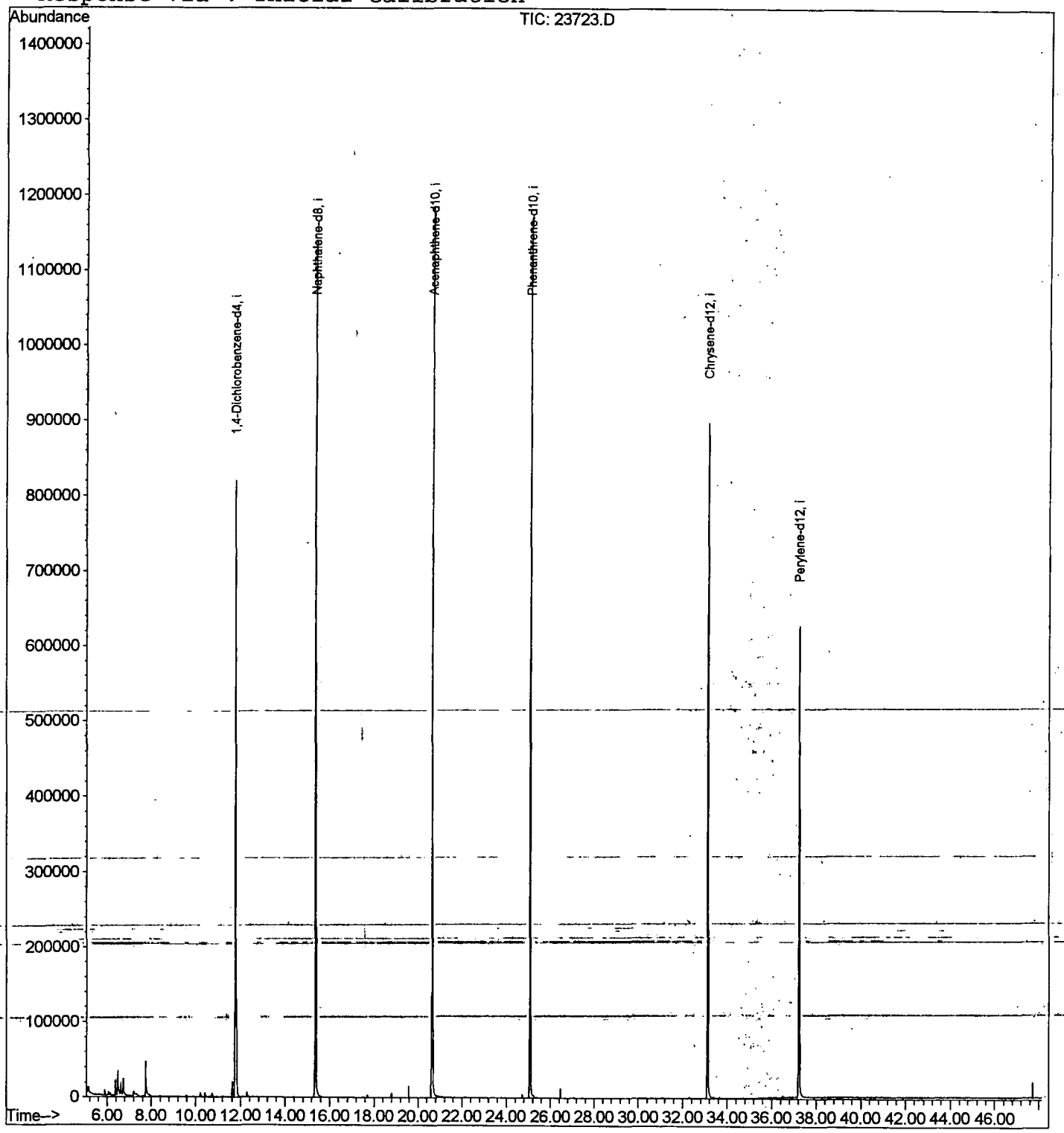
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23723.D
Acq On : 16 Oct 2001 5:46 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:41 2001

Vial: 19
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\23723.D
Acq On : 16 Oct 2001 5:46 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
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

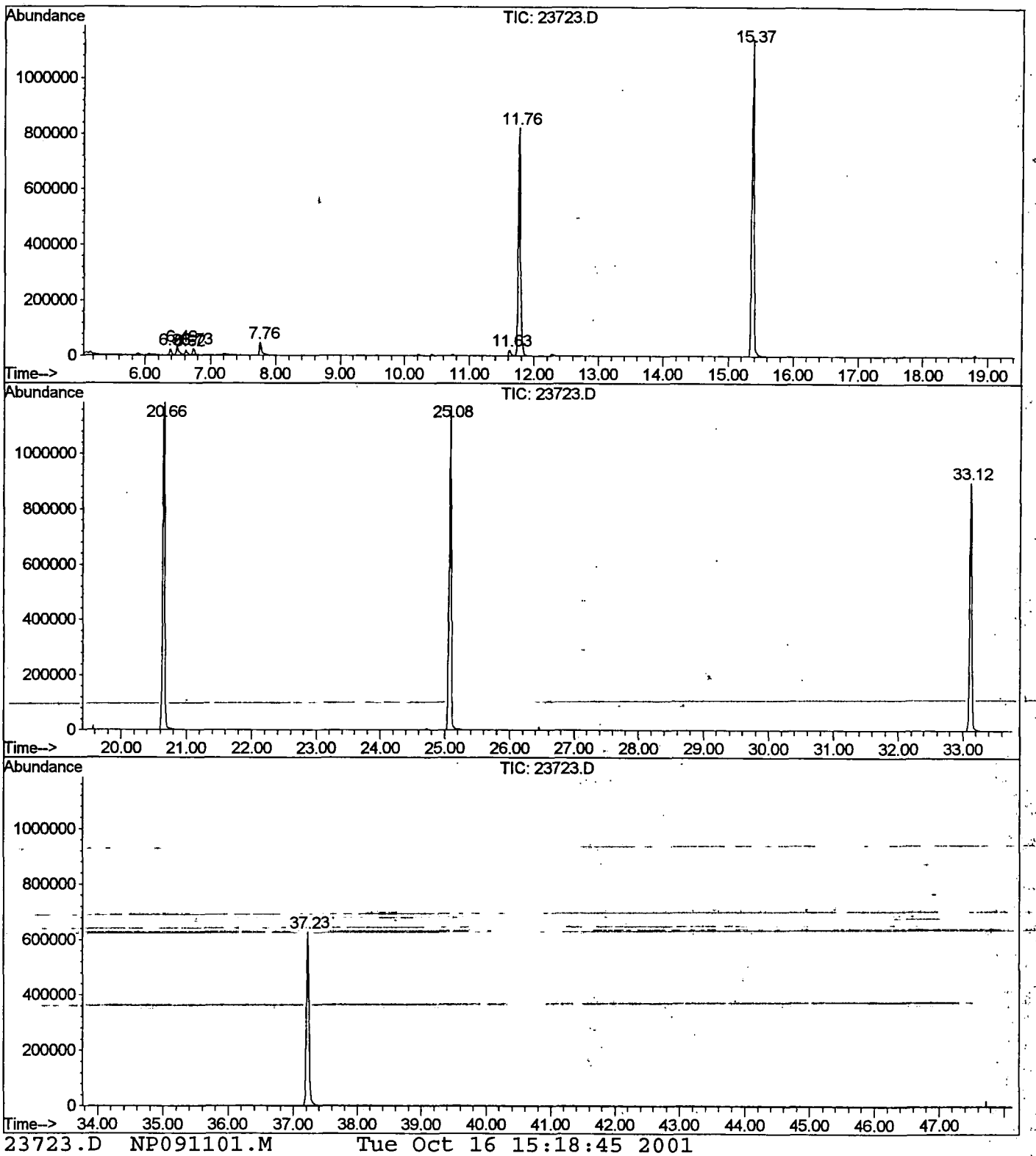
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.383	142	146	153	rBV	21329	42495	1.54%	0.300%
2	6.494	153	158	168	rVV	33149	83901	3.05%	0.592%
3	6.622	168	172	180	rVV	16570	35265	1.28%	0.249%
4	6.732	180	184	192	rVB	21659	48507	1.76%	0.342%
5	7.760	292	296	313	rBV	45793	117206	4.26%	0.827%
6	11.625	711	717	726	rBV	20936	50093	1.82%	0.353%
7	11.763	726	732	745	rBV	820526	1960584	71.20%	13.831%
8	15.371	1118	1125	1142	rBV	1140417	2675158	97.16%	18.872%
9	20.659	1692	1701	1715	rBV	1185498	2753449	100.00%	19.424%
10	25.084	2176	2183	2194	rBV2	1171251	2514078	91.31%	17.735%
11	33.116	3051	3058	3074	rBV2	897004	2131989	77.43%	15.040%
12	37.229	3498	3506	3520	rBV2	625673	1762817	64.02%	12.436%

Sum of corrected areas: 14175542

23723.D NP091101.M Tue Oct 16 15:18:43 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1501\23723.D
Operator : 209 GALOS
Acquired : 16 Oct 2001 5:46 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 19
Quant File :NP091101.RES (RTE Integrator)



23723.D NP091101.M Tue Oct 16 15:18:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23723.D
Acq On : 16 Oct 2001 5:46 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

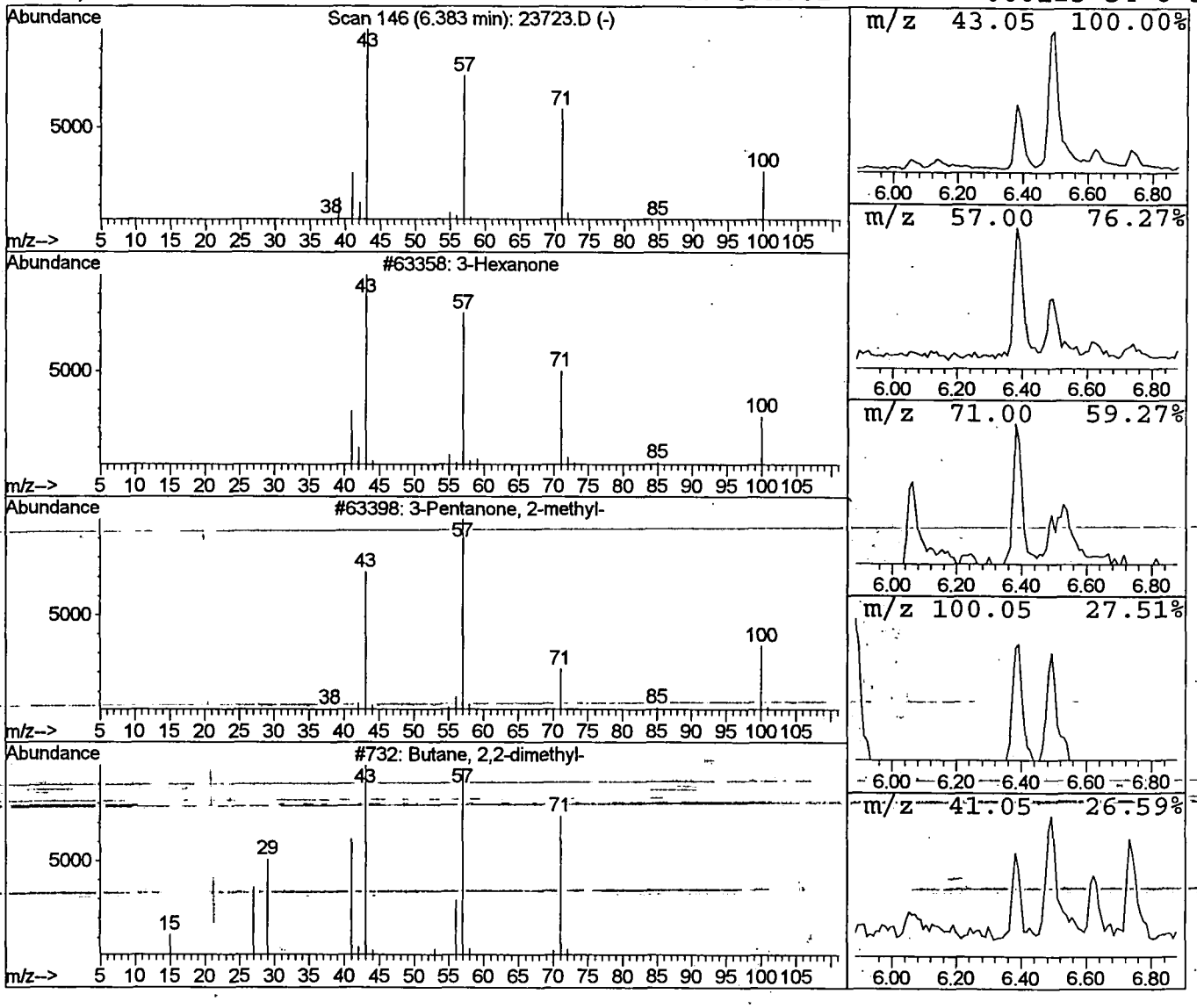
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.43 ug/l	42495	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	43
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23723.D
Acq On : 16 Oct 2001 5:46 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

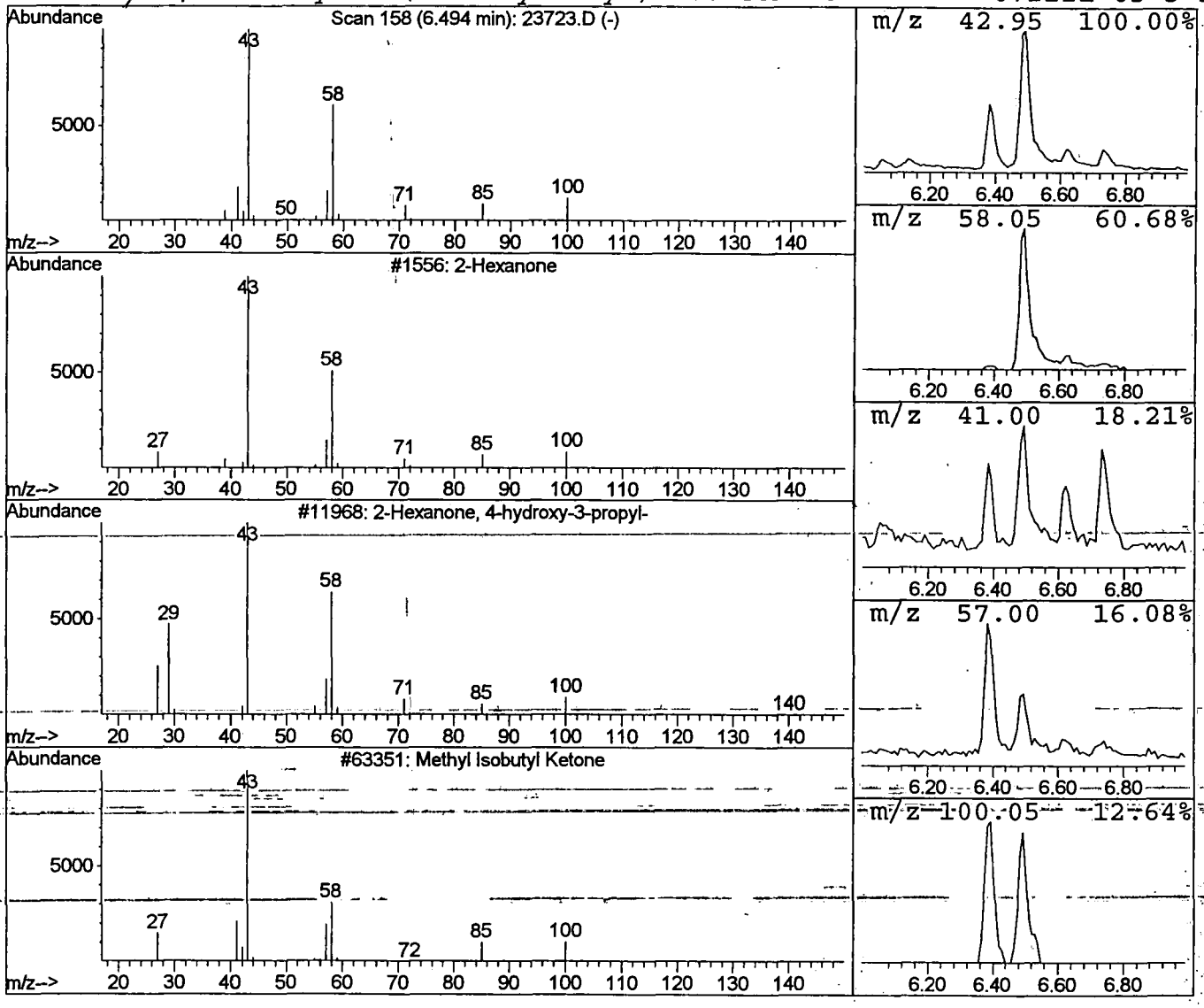
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	0.86 ug/l	83901	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	83
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23723.D
Acq On : 16 Oct 2001 5:46 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

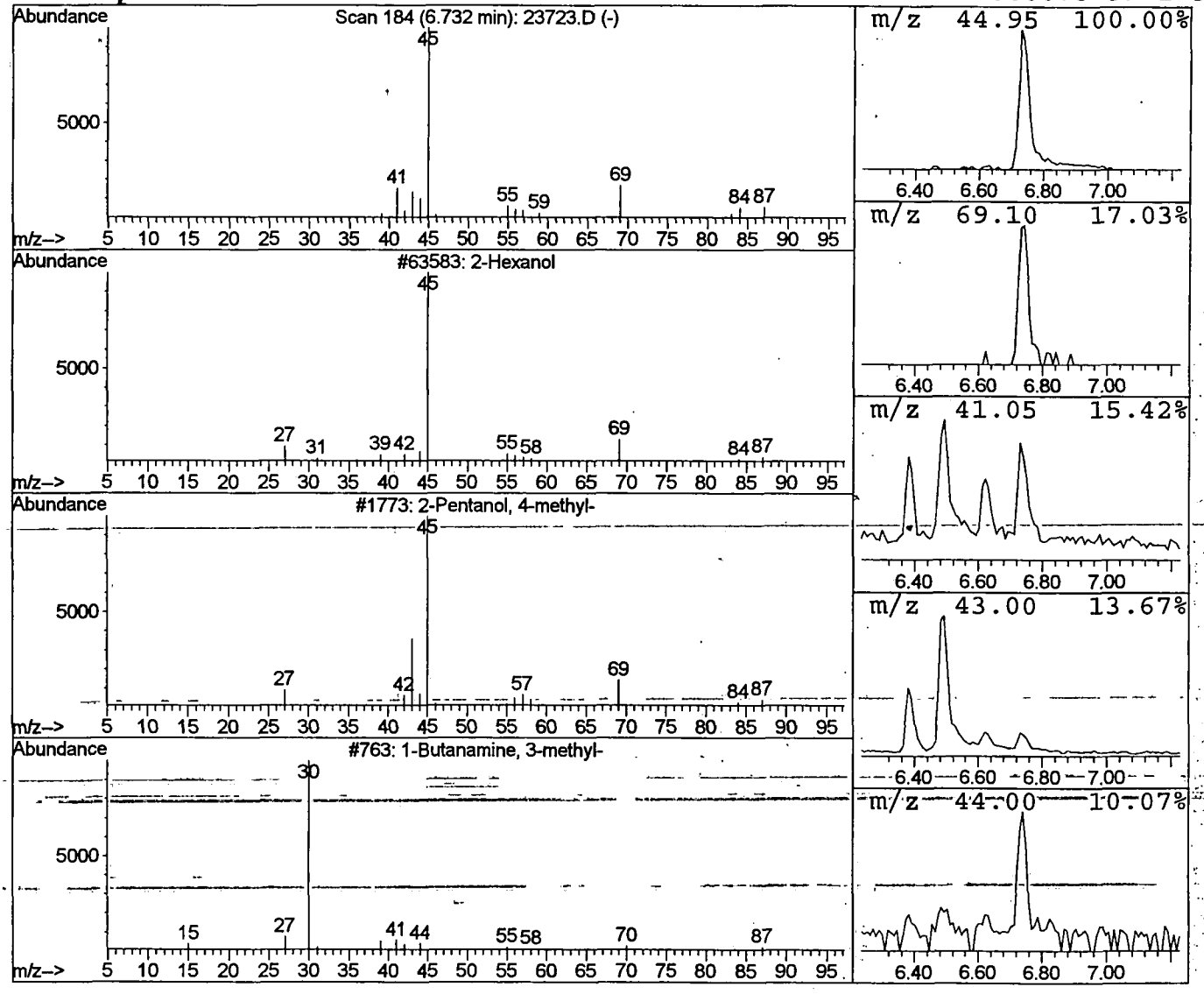
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.49 ug/l	48507	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	43
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	2-Butanol	74	C4H10O	000078-92-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23723.D
Acq On : 16 Oct 2001 5:46 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

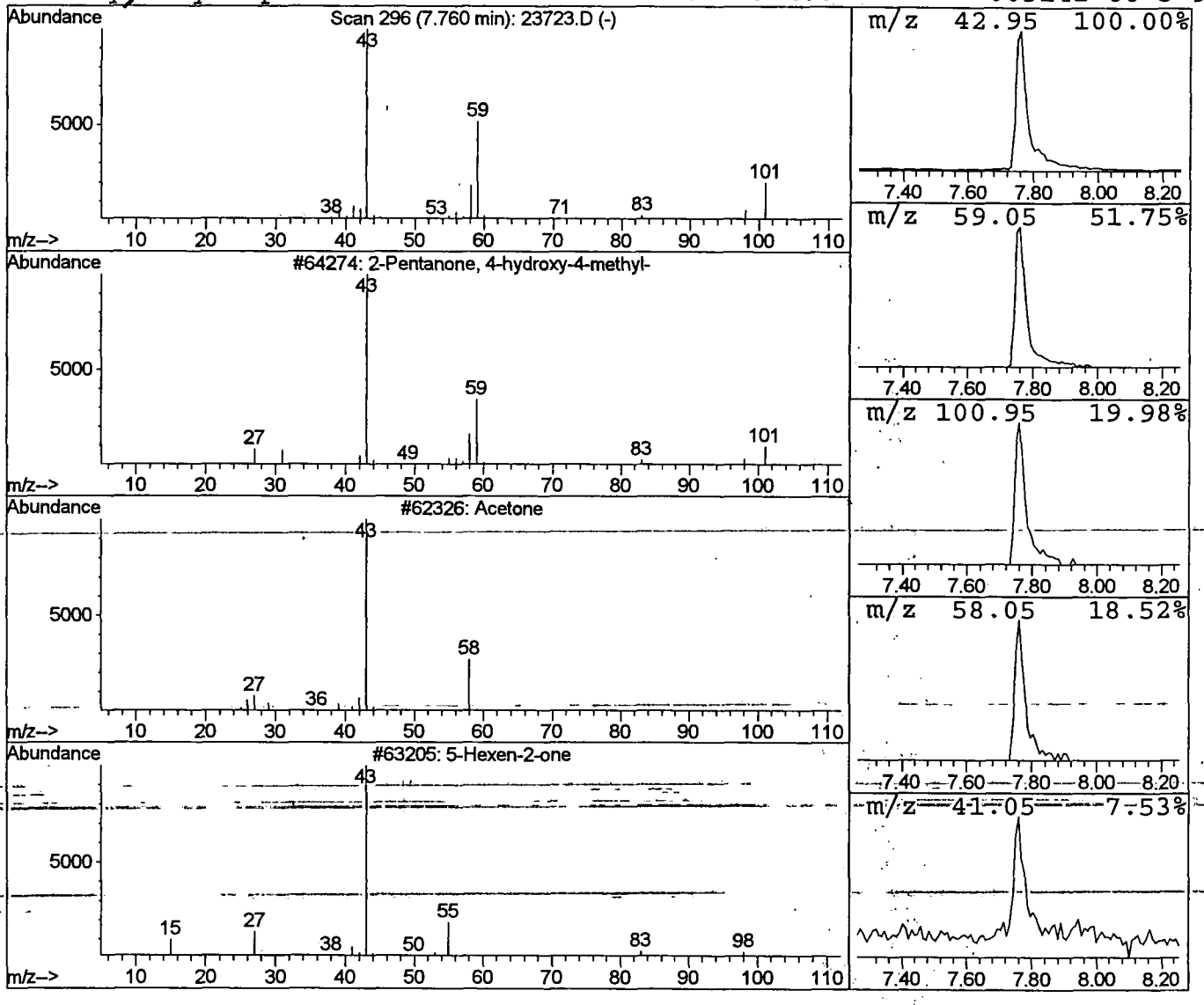
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	1.20 ug/l	117206	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	42
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23723.D
Acq On : 16 Oct 2001 5:46 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

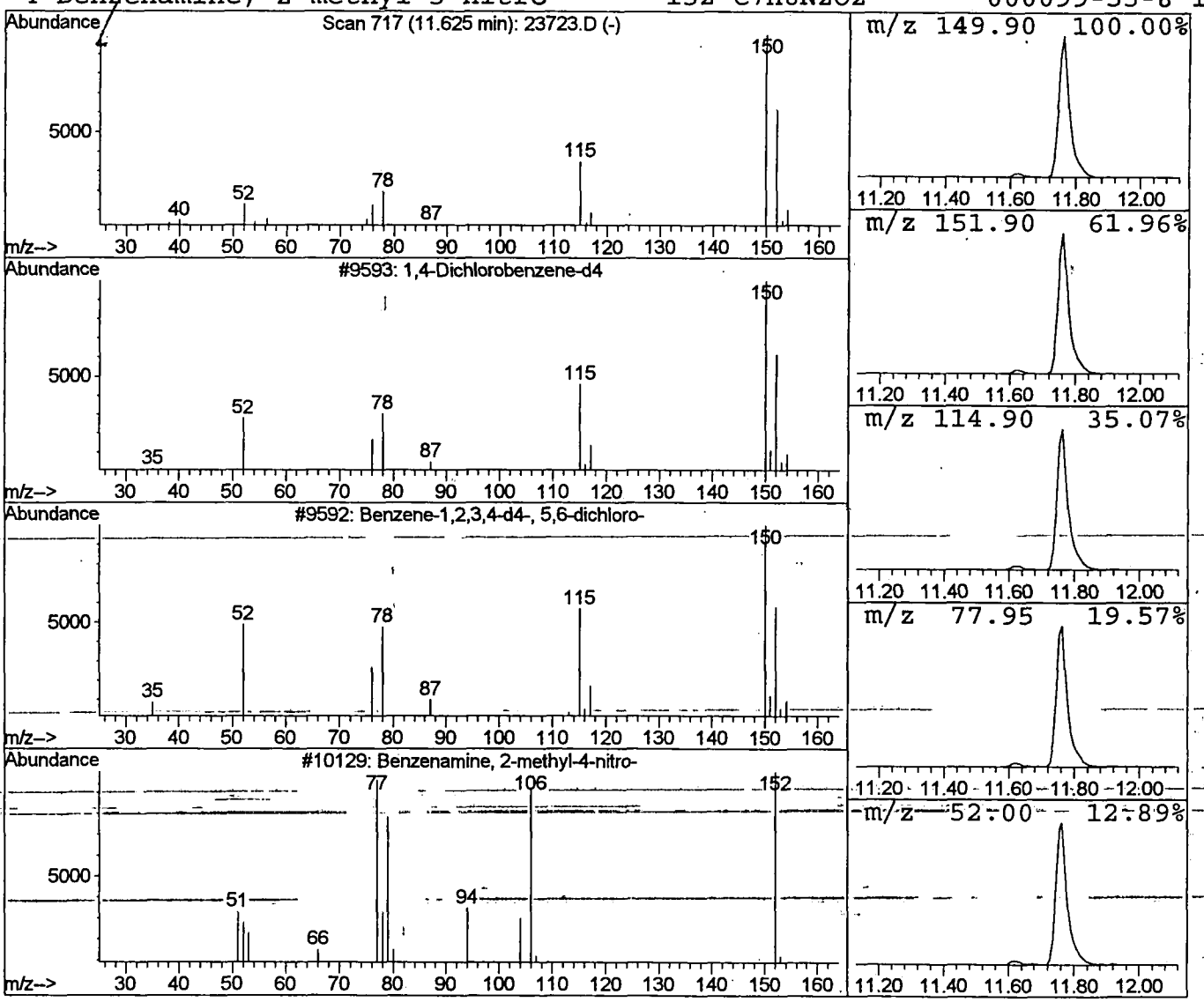
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	0.51 ug/l	50093	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	40
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	33
3	Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	16
4	Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Oct 2001 5:46 am
Data File: C:\HPCHEM\1\DATA\OCT1501\23723.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	42495	ISTD01	11.76	1960580	20.0
2-Hexanone	6.49	0.9	ug/l	83901	ISTD01	11.76	1960580	20.0
2-Hexanol	6.73	0.5	ug/l	48507	ISTD01	11.76	1960580	20.0
2-Pentanone, 4-hydro	7.76	1.2	ug/l	117206	ISTD01	11.76	1960580	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	50093	ISTD01	11.76	1960580	20.0

23723.D NP091101.M Tue Oct 16 15:18:58 2001