User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/16/2001 Time: 14:55:41

Sample: AD23697
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/16/01 14:48 Ended: 10/16/01 14:48 Analyst: MG
Page: 1

	Component Name	Vio	Result
1	Other unknown compounds		see comment

Comments for Sample AD23697 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-16-2001 Time: 14:56:06

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\23697.D Vial: 10
Acq On : 15 Oct 2001 8:59 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:38 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	355564	20.00	ug/l	-0.14
19) Naphthalene-d8	15.38	136	1397635	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.65	164	658913	20.00	ug/l	-0.16
49) Phenanthrene-d10	25.08	188	966660	20.00	ug/l	-0.16
59) Chrysene-d12	33.12	240	705887	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	526692	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	3516	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	1382	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\OCT1501\23697.D
Acq On : 15 Oct 2001 8:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:38 2001

Vial: 10
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
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) 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	25.08	178	183	N.D.	
56) Anthracene	25.08	178	183	N.D.	
57) Di-n-butylphthalate	27.08	149	2154	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	1699	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.38	149	3182	N.D.	
67) Chrysene	33.12	228	1699	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\23697.D Vial: 10
Acq On : 15 Oct 2001 8:59 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:38 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	2016	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
23697.D NP091101.M Tue Oct 16 14:56:18 2001 Page 3

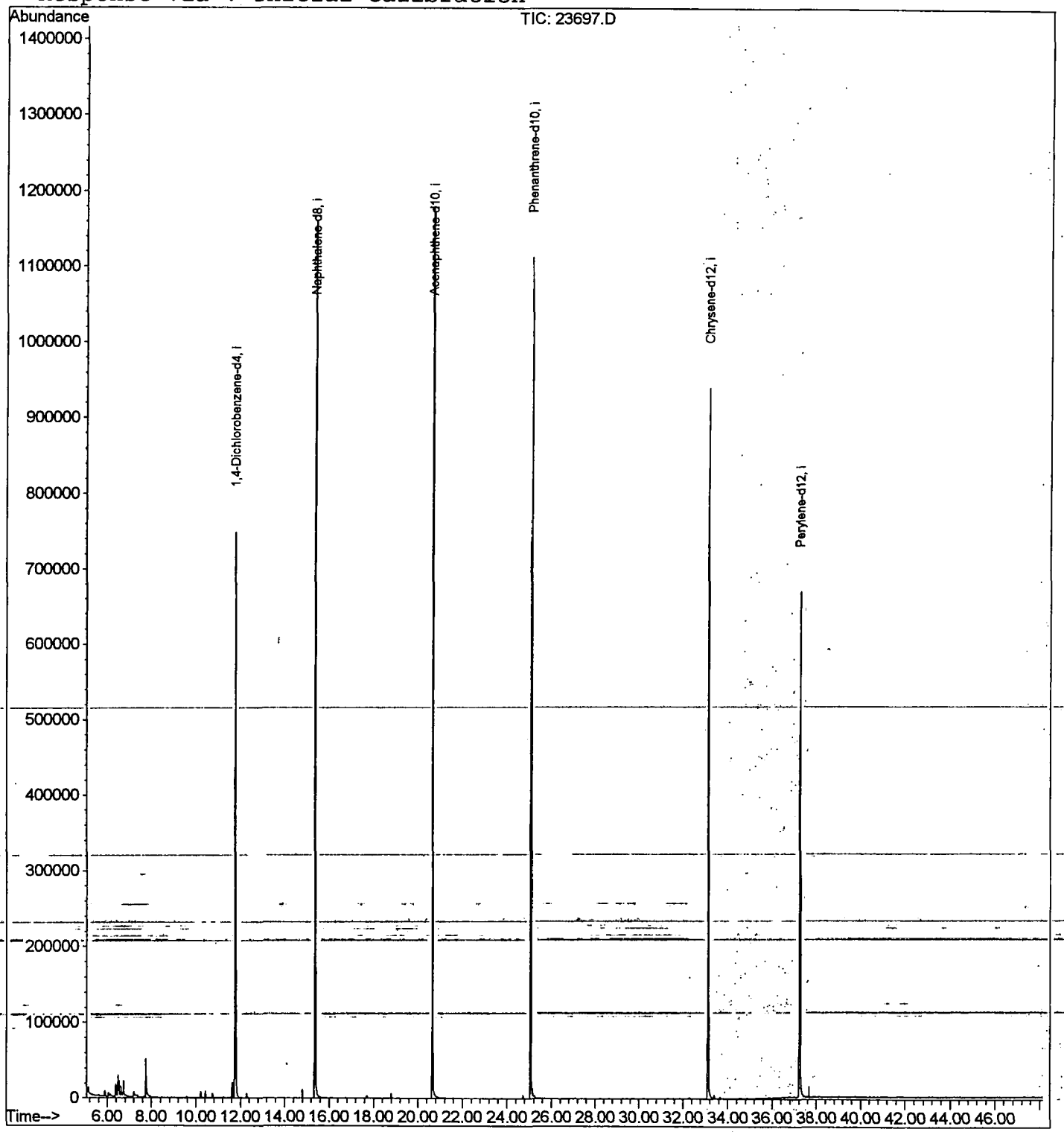
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23697.D
Acq On : 15 Oct 2001 8:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:38 2001

Vial: 10
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\23697.D
Acq On : 15 Oct 2001 8:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
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

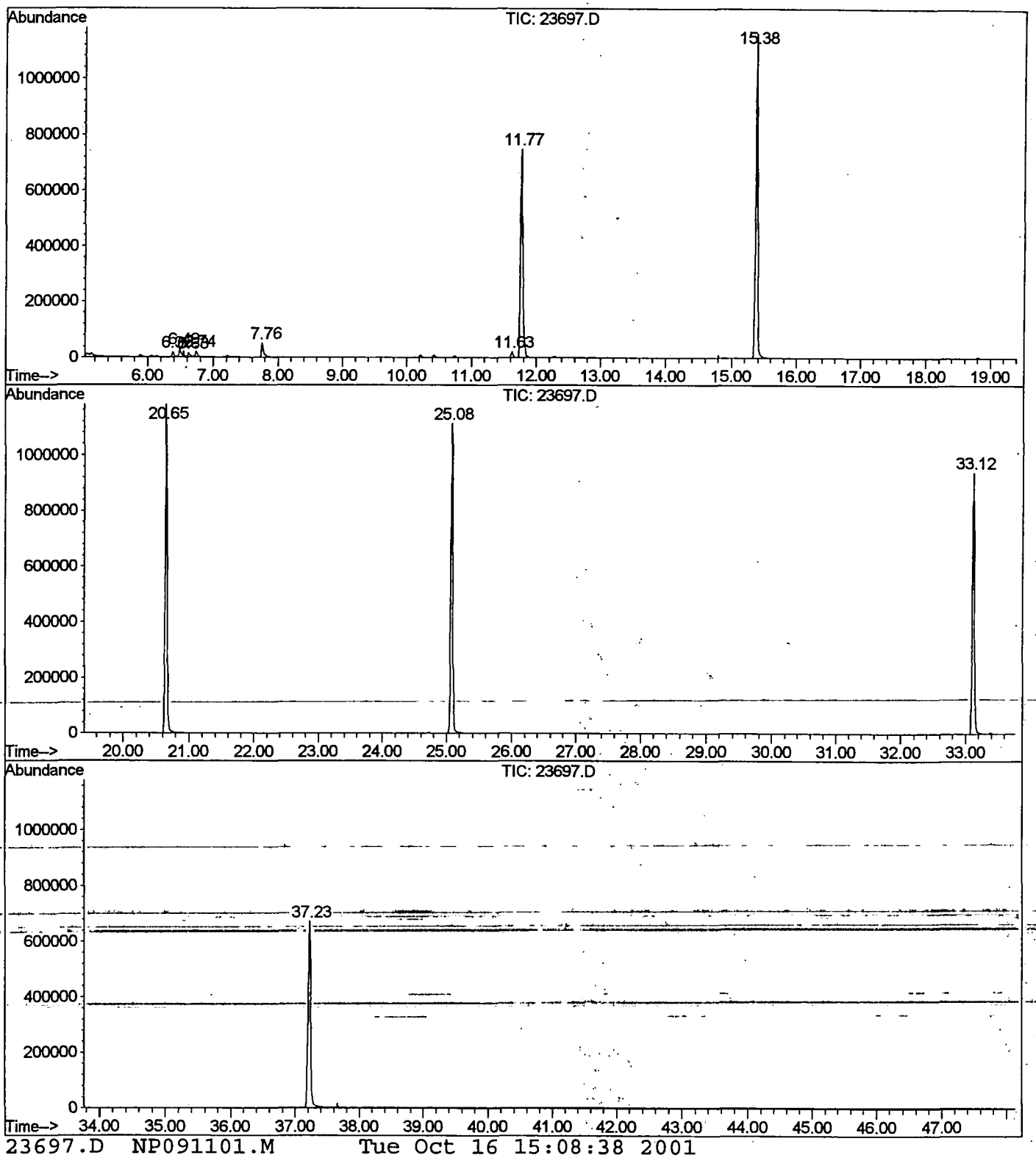
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.388	142	147	154	rBV	16893	37332	1.43%	0.269%
2	6.489	154	158	163	rBV	27464	58078	2.22%	0.419%
3	6.626	169	173	179	rVB2	12961	26869	1.03%	0.194%
4	6.737	181	185	192	rVV	19300	37612	1.44%	0.271%
5	7.756	293	296	313	rBV	50244	121277	4.64%	0.875%
6	11.630	711	718	727	rBV	20298	47570	1.82%	0.343%
7	11.767	727	733	750	rBV	748633	1860770	71.16%	13.431%
8	15.375	1120	1126	1140	rBV	1160708	2543933	97.28%	18.362%
9	20.654	1695	1701	1716	rBV	1179355	2614941	100.00%	18.874%
10	25.079	2177	2183	2196	rBV2	1112126	2458126	94.00%	17.742%
11	33.121	3052	3059	3072	rBV2	940047	2168390	82.92%	15.651%
12	37.234	3498	3507	3519	rBV2	669113	1879583	71.88%	13.567%

Sum of corrected areas: 13854481

23697.D NP091101.M Tue Oct 16 15:08:36 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1501\23697.D
Operator : 209 GALOS
Acquired : 15 Oct 2001 8:59 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 10
Quant File :NP091101.RES (RTE Integrator)



23697.D NP091101.M Tue Oct 16 15:08:38 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23697.D
Acq On : 15 Oct 2001 8:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

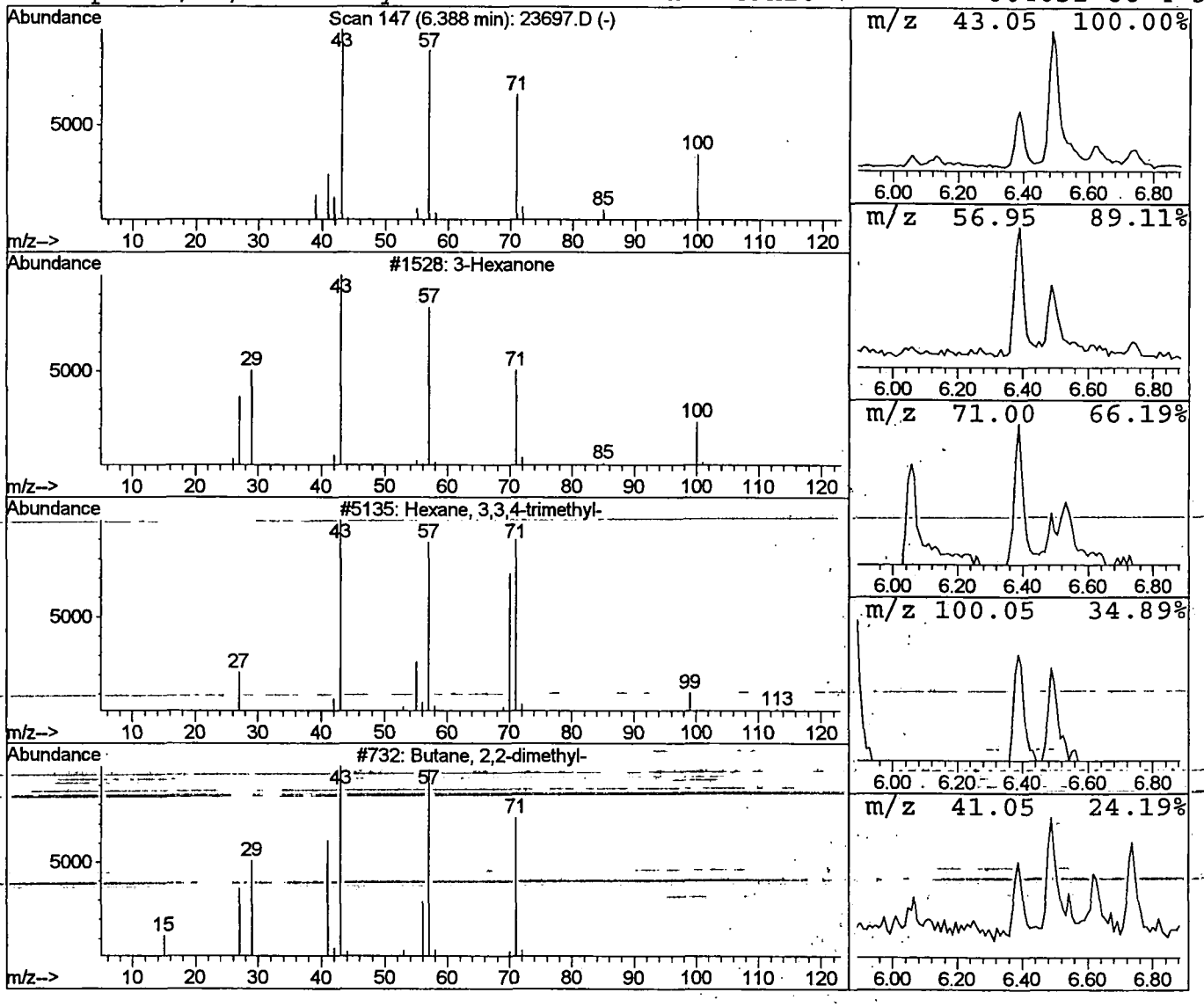
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	0.40 ug/l	37332	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	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
4	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23697.D
Acq On : 15 Oct 2001 8:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

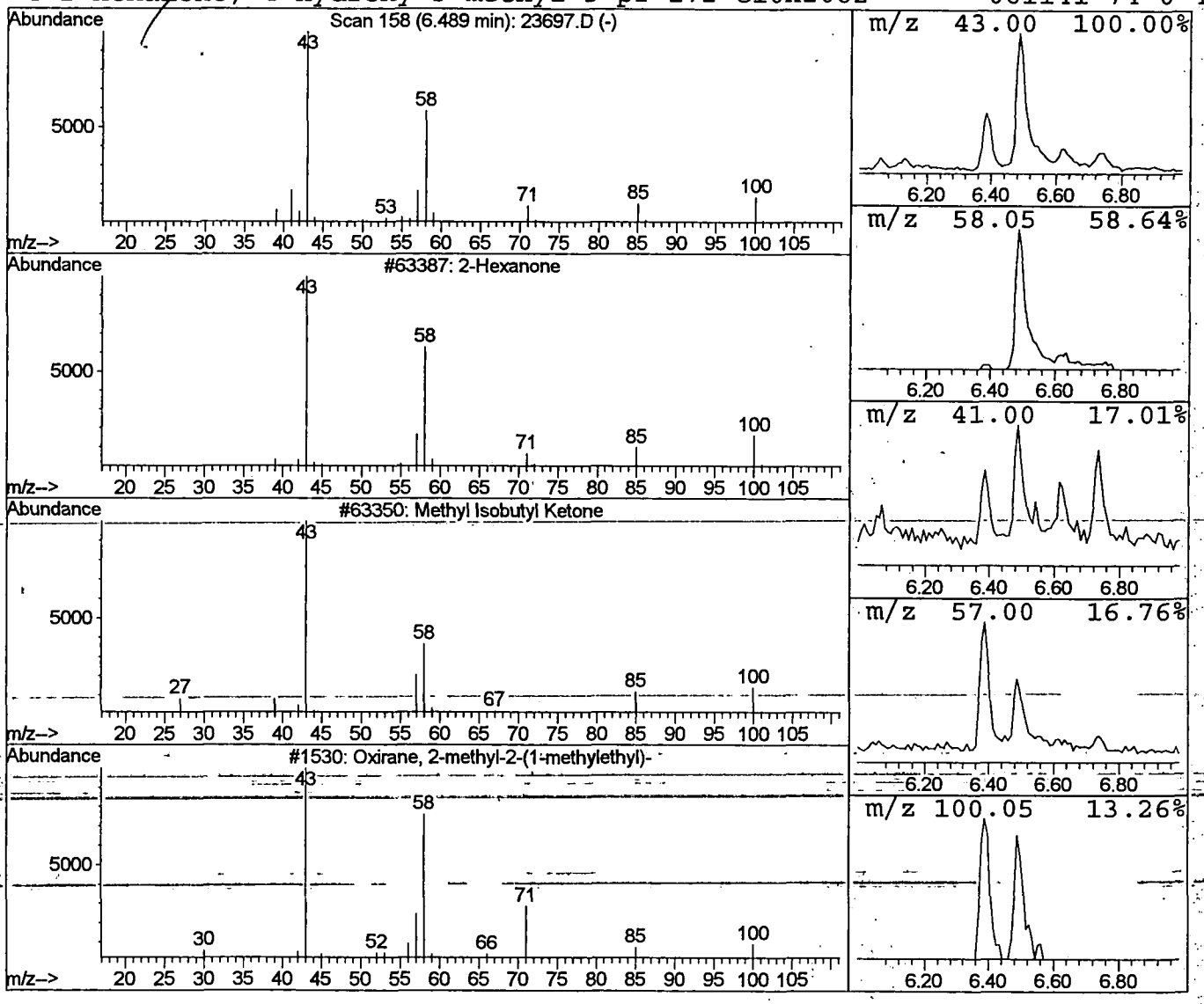
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	0.62 ug/l	58078	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	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
3	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	50
4	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23697.D
Acq On : 15 Oct 2001 8:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

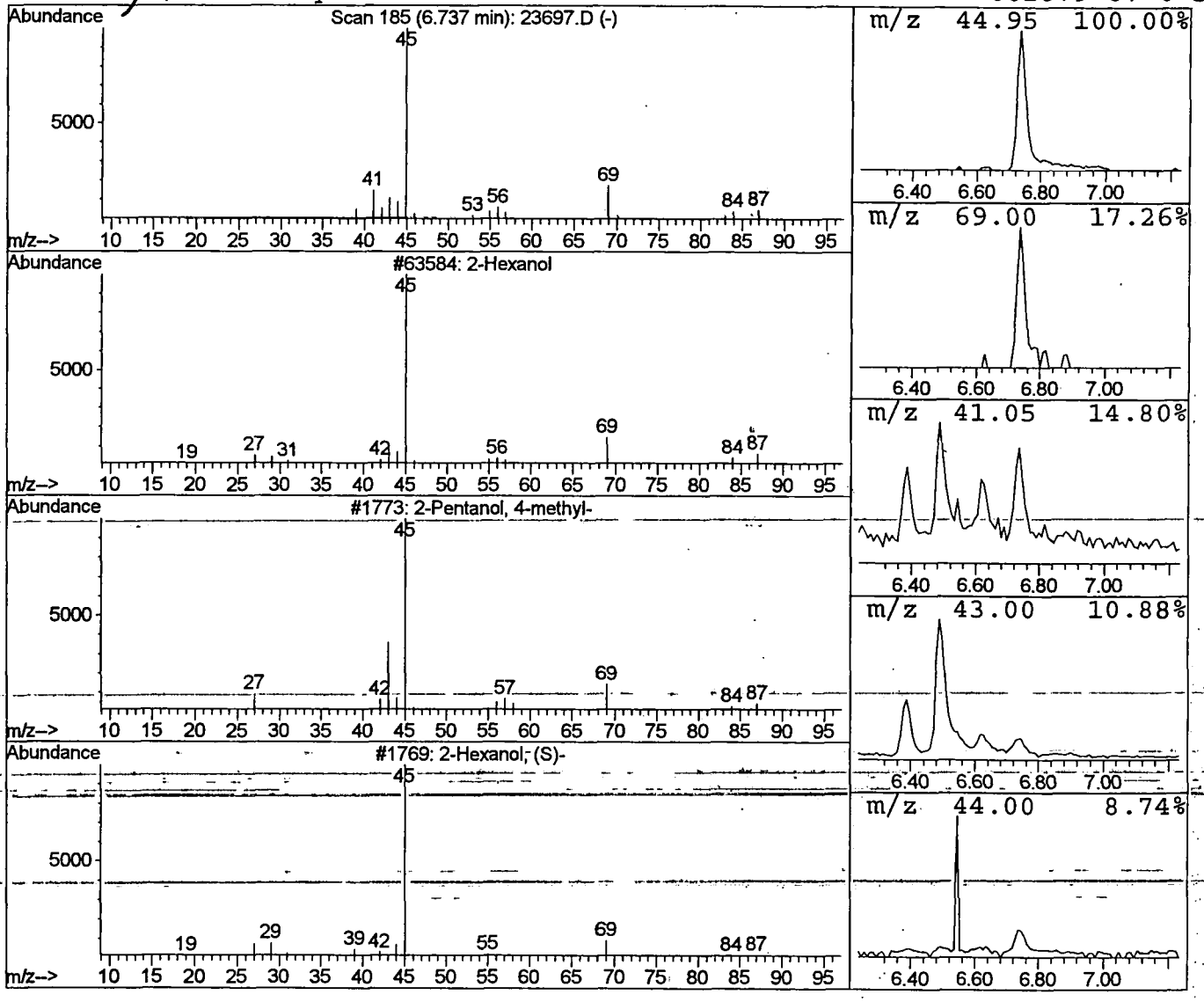
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.40 ug/l	37612	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	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23697.D
Acq On : 15 Oct 2001 8:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

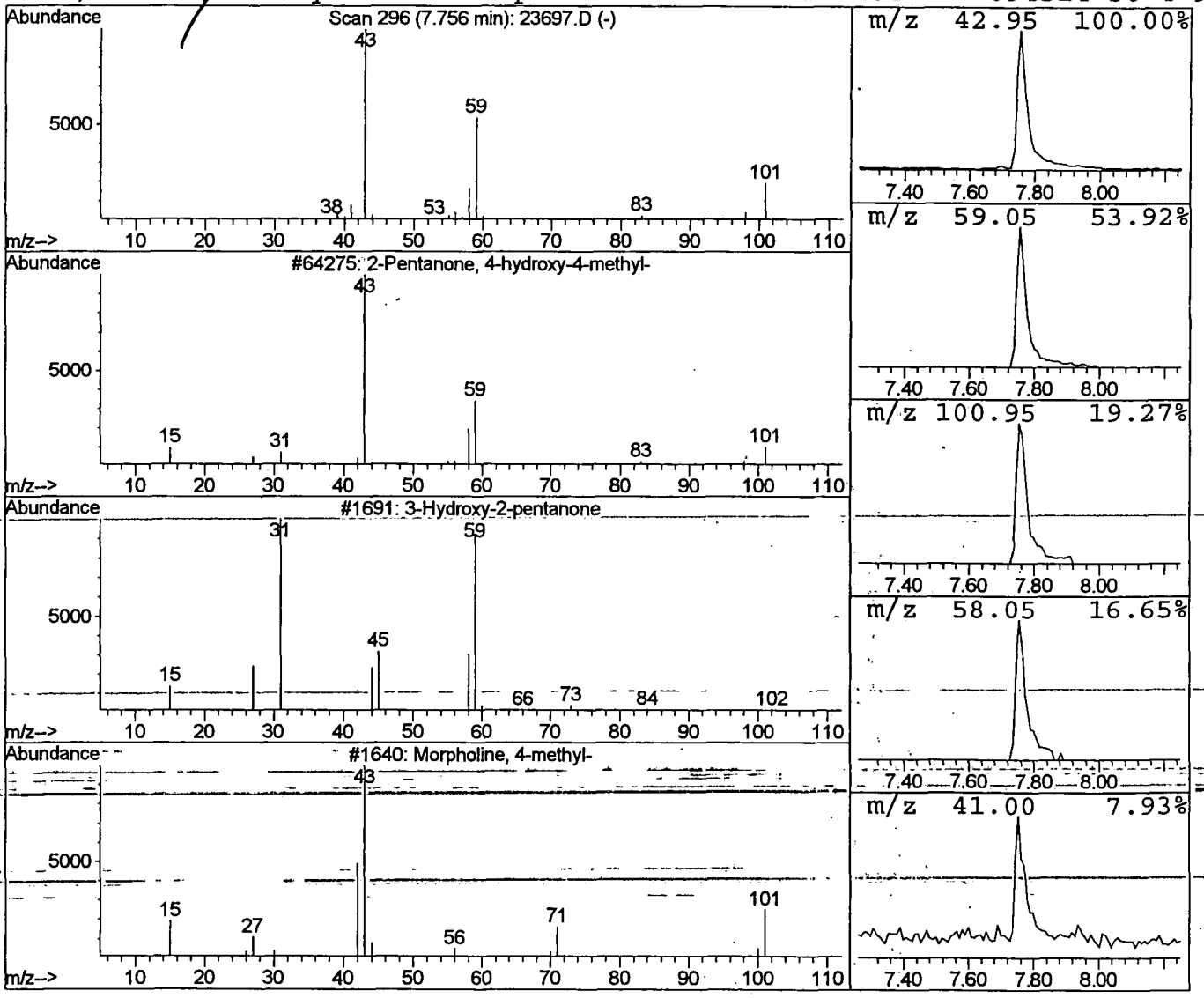
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	1.30 ug/l	121277	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	38
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23697.D
Acq On : 15 Oct 2001 8:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

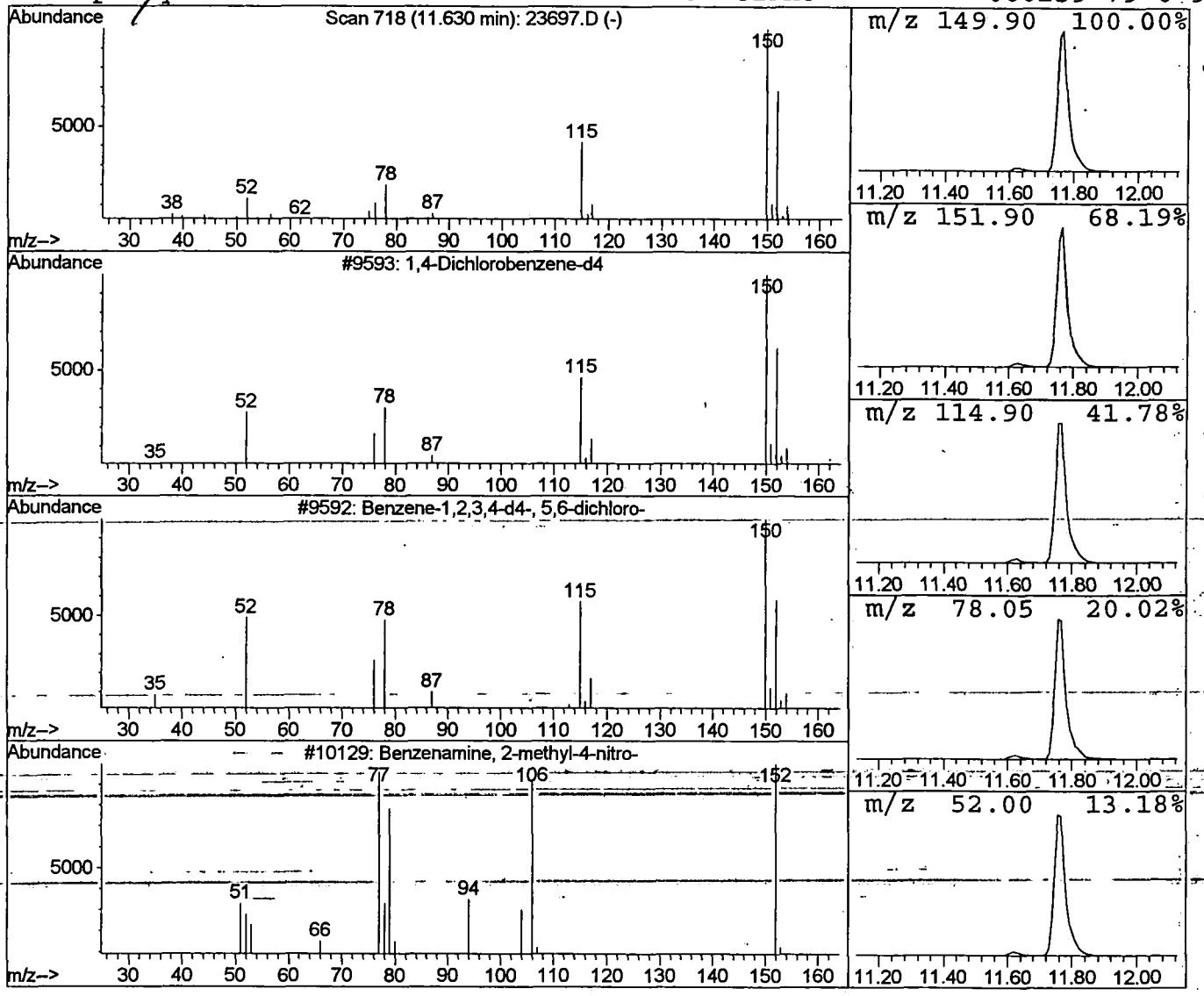
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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	47570	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	72
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	39
3	Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	10
4	Biphenylene	152	C12H8	000259-79-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Oct 2001 8:59 pm
Data File: C:\HPCHEM\1\DATA\OCT1501\23697.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	37332	ISTD01	11.77	1860770	20.0
2-Hexanone	6.49	0.6	ug/l	58078	ISTD01	11.77	1860770	20.0
2-Hexanol	6.74	0.4	ug/l	37612	ISTD01	11.77	1860770	20.0
2-Pentanone, 4-hydro	7.76	1.3	ug/l	121277	ISTD01	11.77	1860770	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	47570	ISTD01	11.77	1860770	20.0

23697.D NP091101.M Tue Oct 16 15:08:51 2001