User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/01/2001 Time: 13:46:20

Sample: AD23833
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/1/01 13:45 Ended: 11/1/01 13:45 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23833 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-01-2001 Time: 13:46:38

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\OCT3001\23833.D Vial: 18
Acq On : 31 Oct 2001 7:06 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:27 2001 Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration
DataAcq Meth : NP101901

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	521140	20.00 ug/l	-0.04
19) Naphthalene-d8	15.32	136	2025892	20.00 ug/l	-0.04
31) Acenaphthene-d10	20.60	164	965238	20.00 ug/l	-0.03
49) Phenanthrene-d10	25.02	188	1365890	20.00 ug/l	-0.04
59) Chrysene-d12	33.06	240	859733	20.00 ug/l	-0.04
68) Perylene-d12	37.15	264	606667	20.00 ug/l	-0.04
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	11.71	132	303	0.01 ug/l	0.45
Spiked Amount 75.000			Recovery =	0.01%	
7) 1,2-Dichlorobenzene-d4	12.24	152	5354	0.15 ug/l	-0.03
Spiked Amount 50.000			Recovery =	0.30%	
20) Nitrobenzene-d5	0.00	82	0	0.00 ug/l	
Spiked Amount 50.000			Recovery =	0.00%	
32) 2-Fluorobiphenyl	18.75	172	1879	0.02 ug/l	0.09
Spiked Amount 50.000			Recovery =	0.04%	
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\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:27 2001

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration
DataAcq Meth : NP101901

	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	15.37	128	304	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	22.11	149	101	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	25.02	178	575	N.D.	
56)	Anthracene	25.02	178	575	N.D.	
57)	Di-n-butylphthalate	27.03	149	3631	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	33.06	228	2021	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.32	149	2157	N.D.	
67)	Chrysene	33.06	228	2021	N.D.	
69)	Di-n-Octylphthalate	35.08	149	296	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\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:27 2001

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration
DataAcq Meth : NP101901

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	36.16	252	132	N.D.	
72) Benzo(a)pyrene	36.99	252	177	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.	

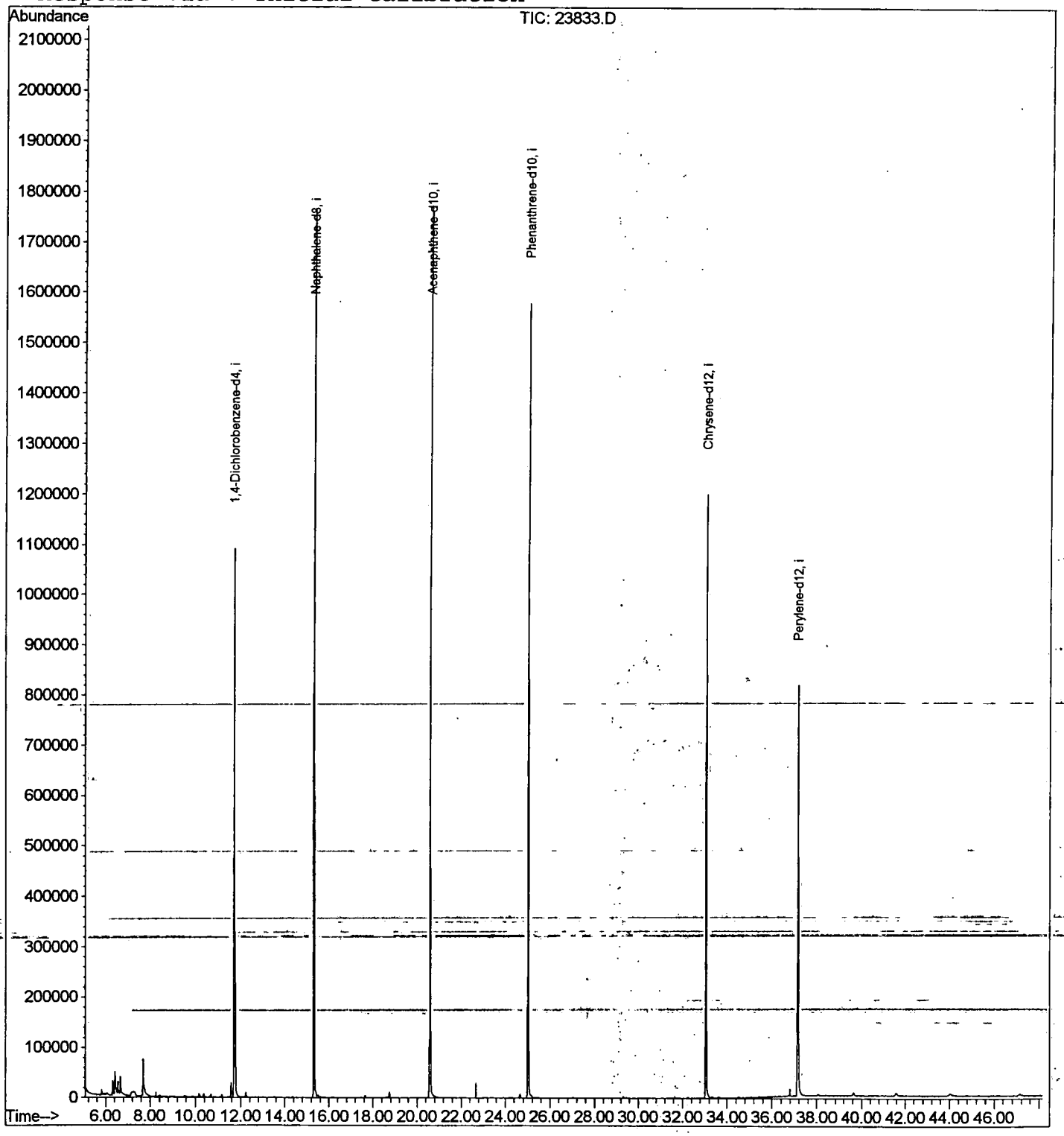
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:27 2001

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP101901.RES

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
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

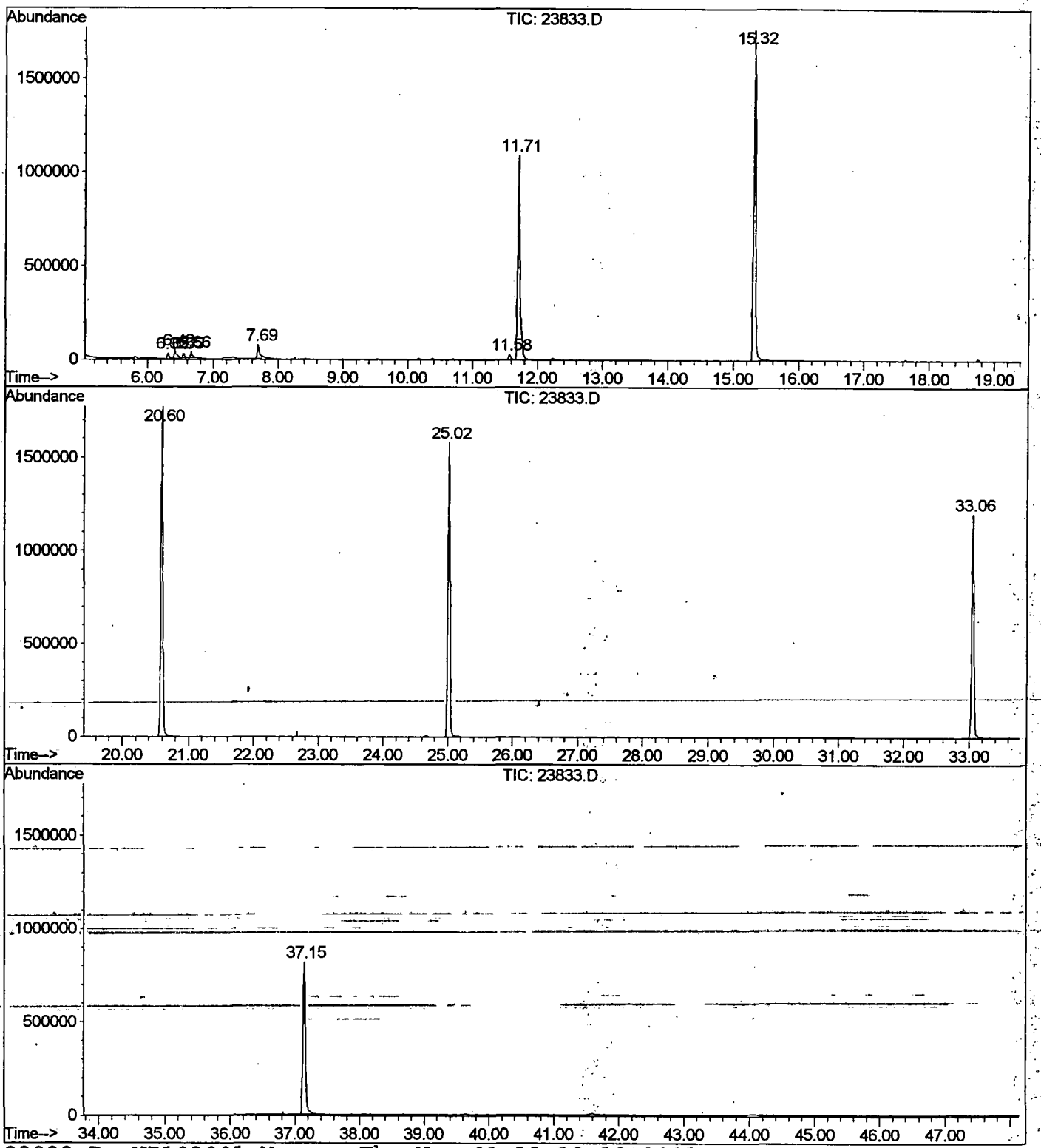
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.315	134	138	145	rBV	29698	63280	1.65%	0.328%
2	6.416	146	149	160	rVV2	45980	125070	3.27%	0.648%
3	6.554	160	164	173	rVV	25279	59637	1.56%	0.309%
4	6.664	173	176	183	rVV	33027	66457	1.74%	0.344%
5	7.692	284	288	294	rBV	72698	172698	4.51%	0.895%
6	11.576	707	711	720	rBV	29023	72346	1.89%	0.375%
7	11.713	720	726	748	rVV	1089997	2749766	71.83%	14.248%
8	15.321	1113	1119	1134	rBV	1764550	3718829	97.15%	19.269%
9	20.600	1687	1694	1715	rBV	1771945	3828008	100.00%	19.835%
10	25.016	2169	2175	2189	rBV2	1578527	3446335	90.03%	17.857%
11	33.058	3044	3051	3062	rBV2	1200217	2735517	71.46%	14.174%
12	37.152	3489	3497	3517	rBV2	815745	2261661	59.08%	11.719%

Sum of corrected areas: 19299604

23833.D NP103001.M Thu Nov 01 13:18:16 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT3001\23833.D
Operator : 209 GALOS
Acquired : 31 Oct 2001 7:06 am using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 18
Quant File :NP101901.RES (RTE Integrator)



23833.D NP103001.M Thu Nov 01 13:18:18 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

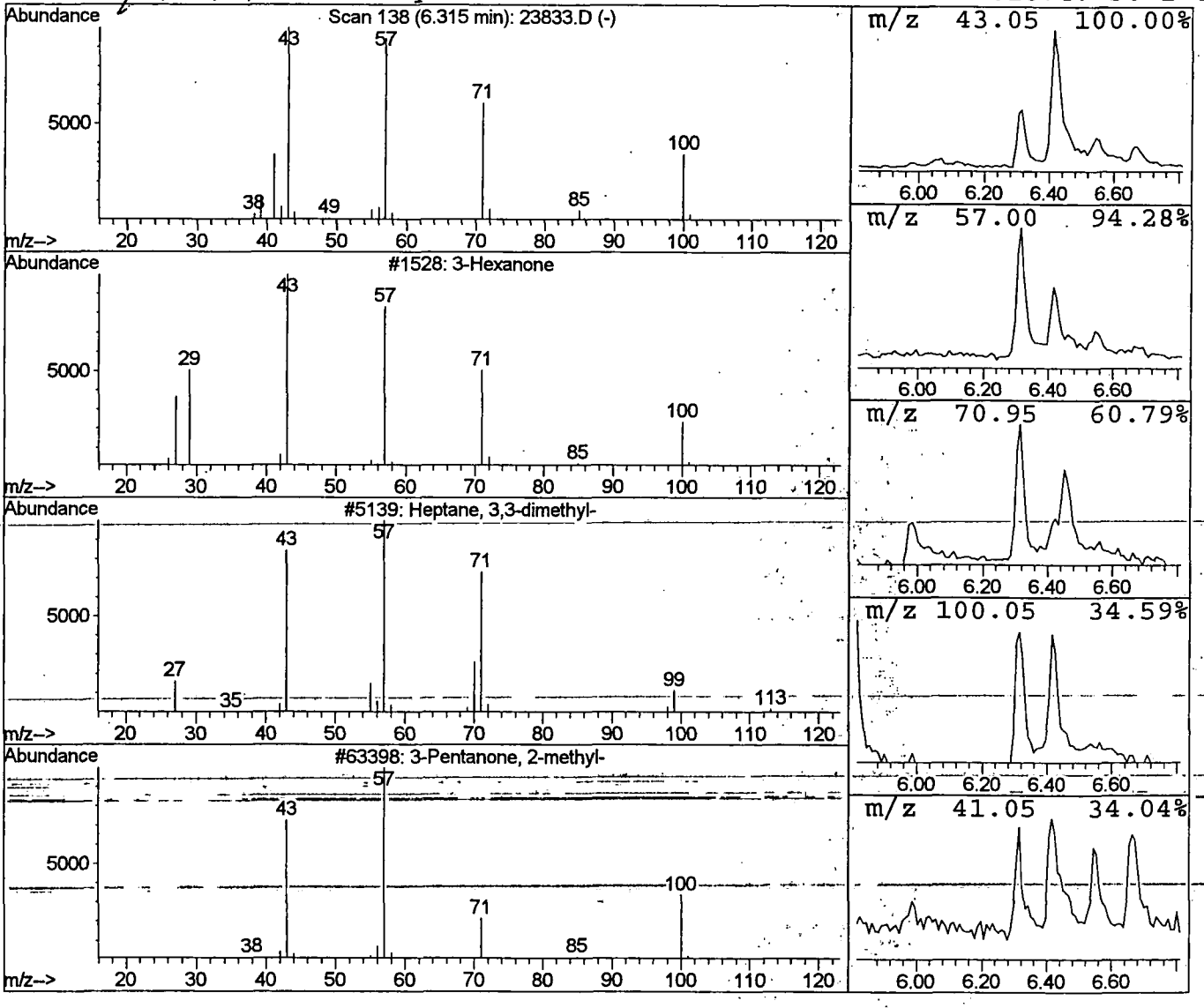
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	0.46 ug/l	63280	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	86
2	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	53
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	43
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

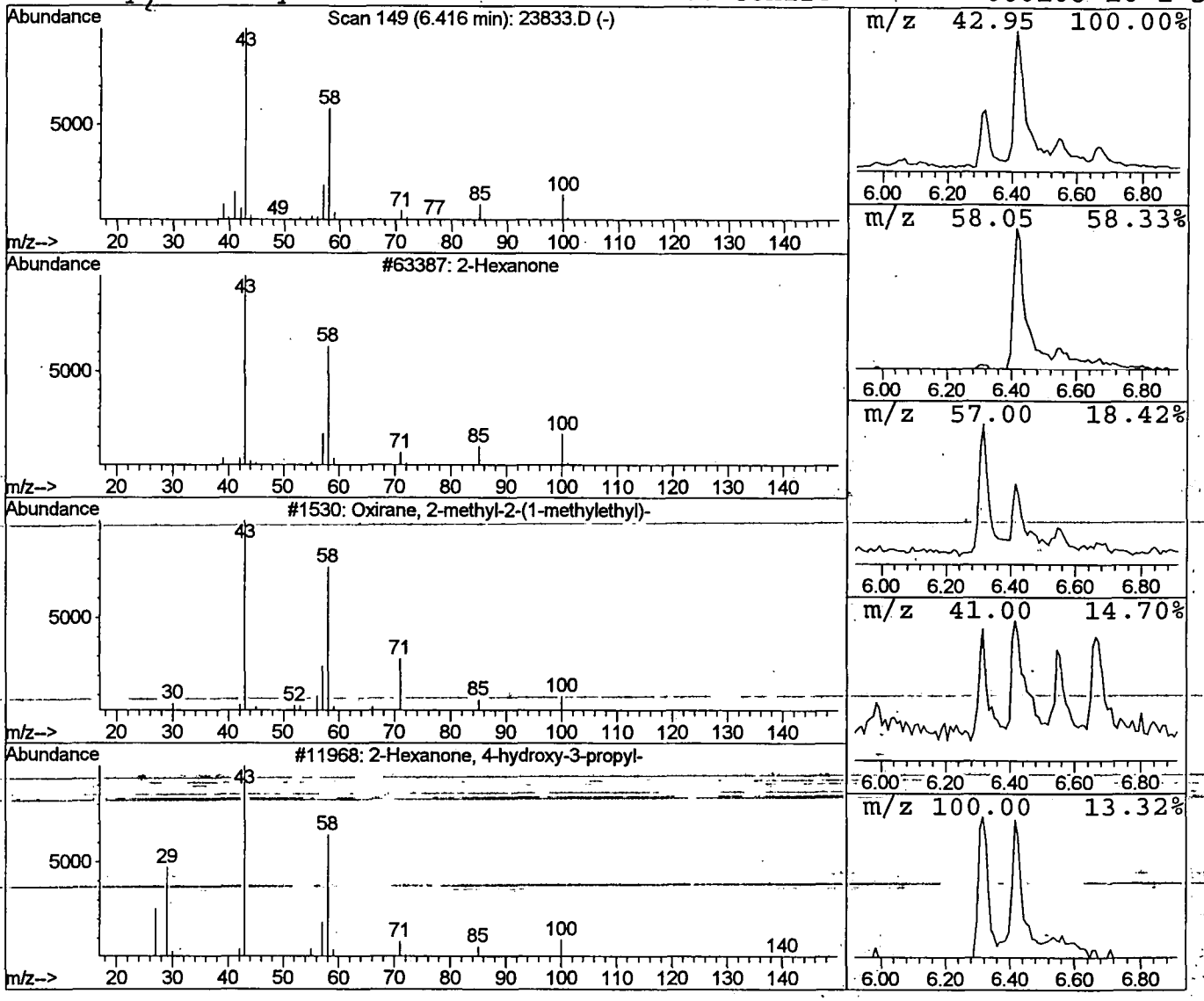
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.91 ug/l	125070	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	80
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

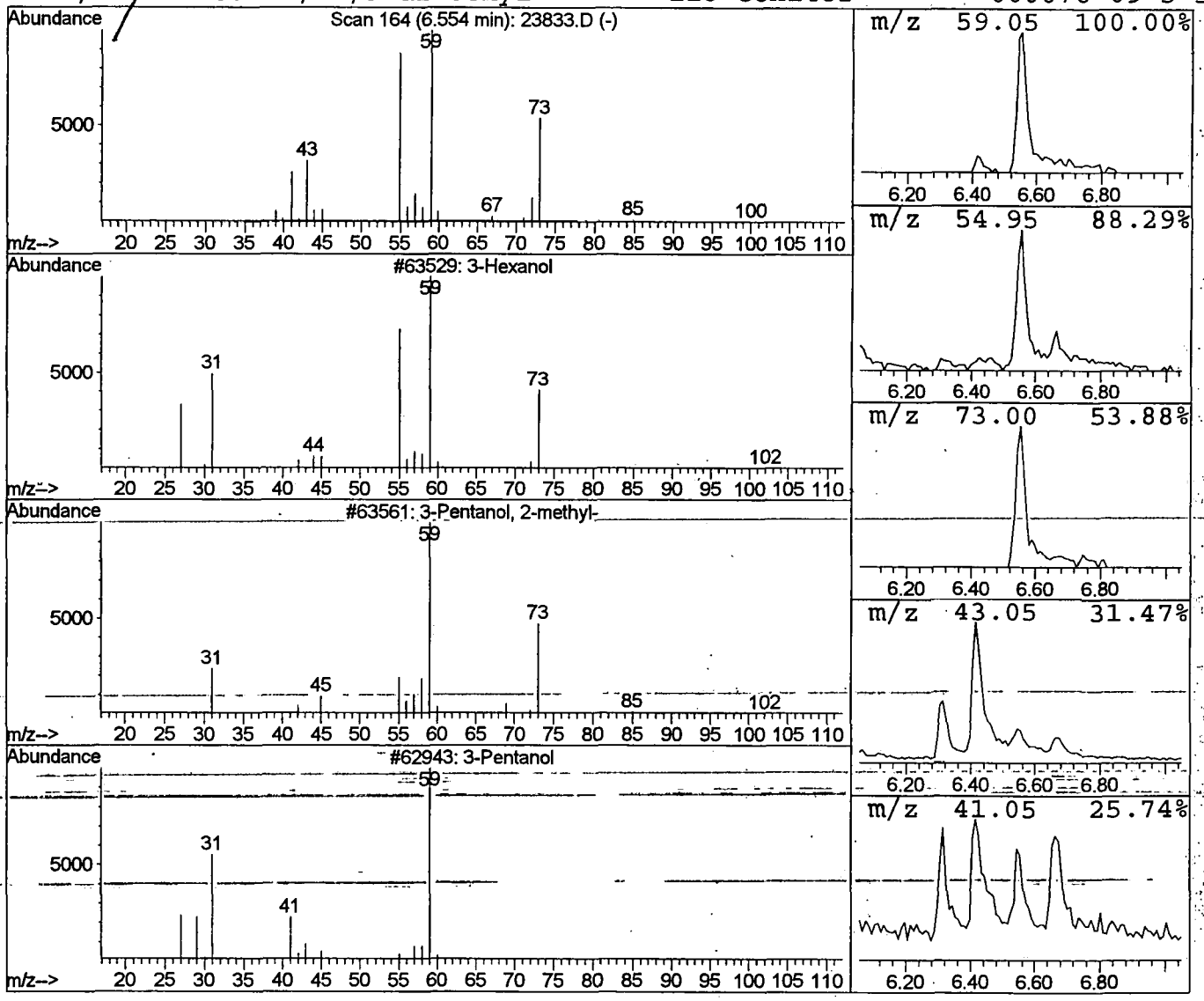
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	0.43 ug/l	59637	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39
3	3-Pentanol	88	C5H12O	000584-02-1	38
4	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

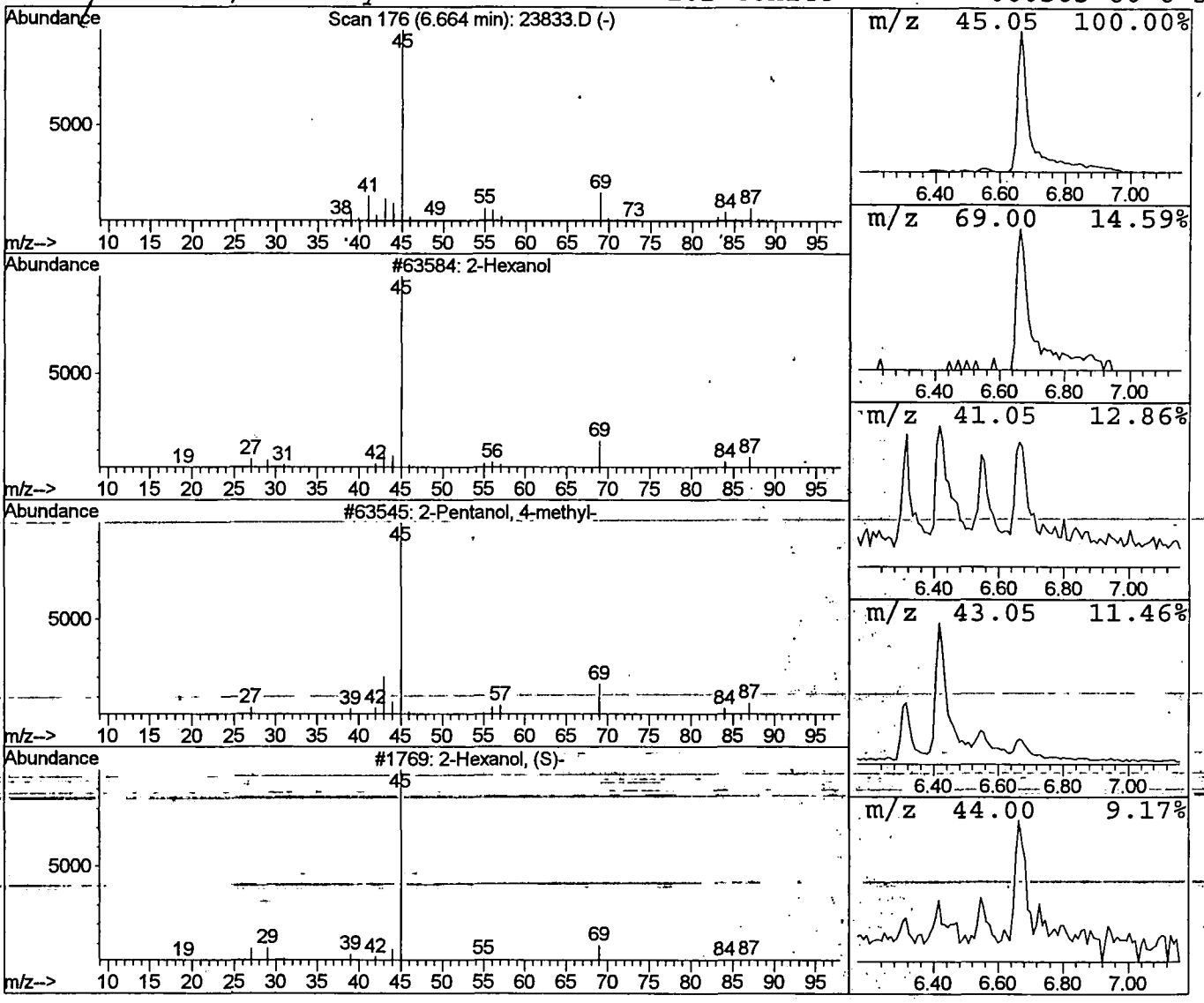
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	0.48 ug/l	66457	1,4-Dichlorobenzene-d4	11.71

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	74
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	40
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

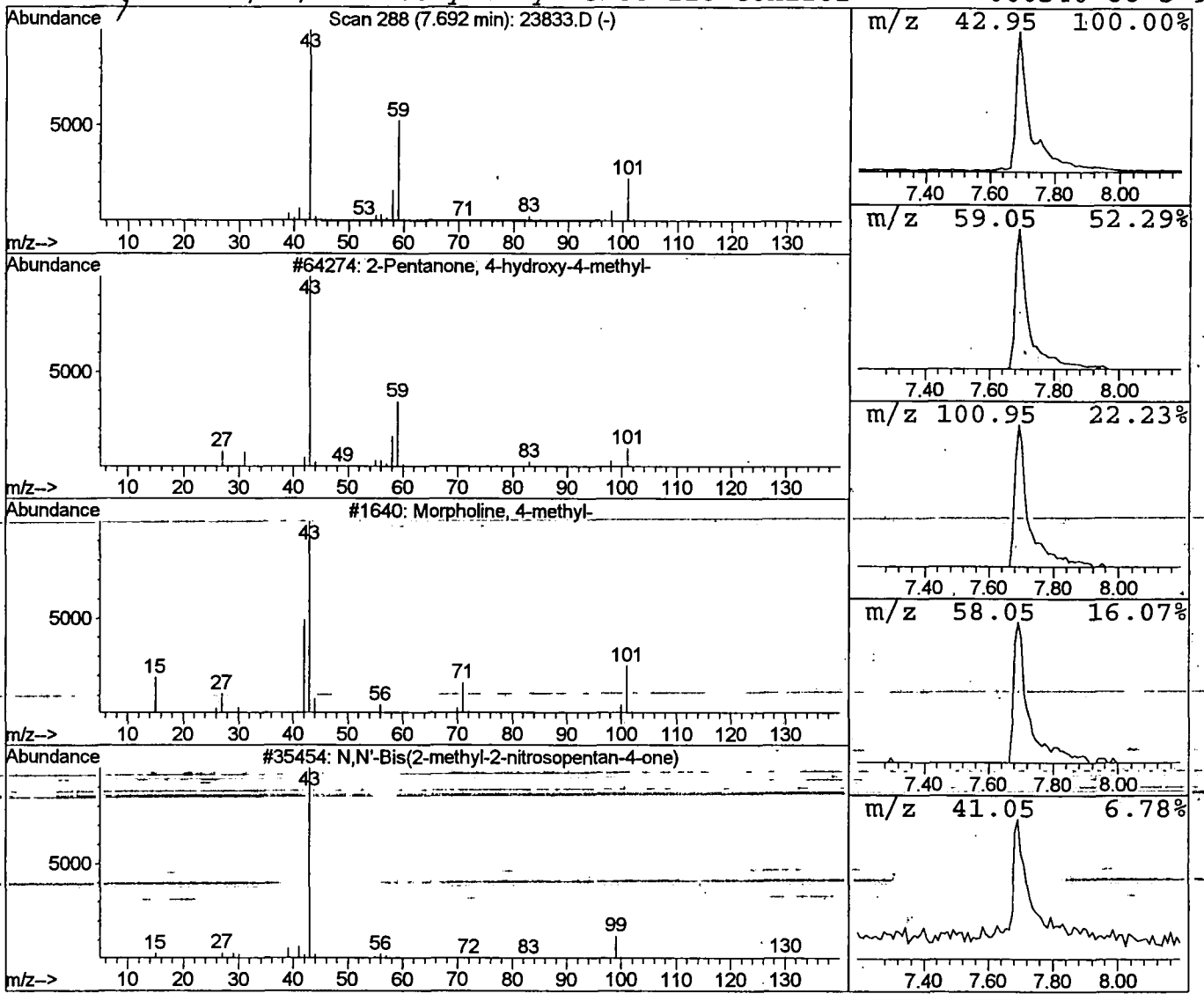
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.26 ug/l	172698	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23833.D
Acq On : 31 Oct 2001 7:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

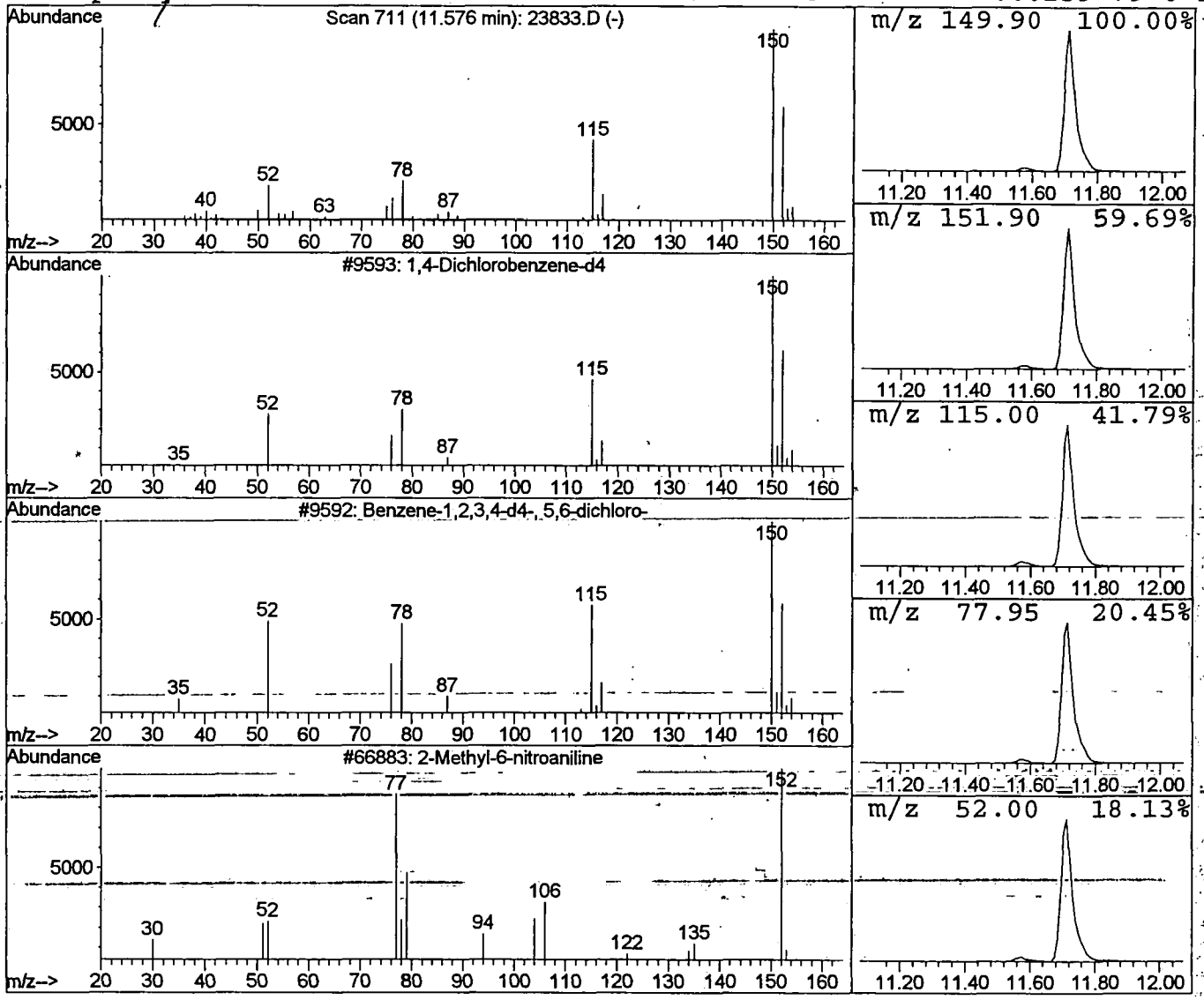
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.53 ug/l	72346	1,4-Dichlorobenzene-d4	11.71

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	37
3	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10
4	Biphenylene	152	C12H8	000259-79-0	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Oct 2001 7:06 am
Data File: C:\HPCHEM\1\DATA\OCT3001\23833.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Hexanone	6.32	0.5	ug/l	63280	ISTD01	11.71	2749770	20.0
2-Hexanone	6.42	0.9	ug/l	125070	ISTD01	11.71	2749770	20.0
3-Hexanol	6.55	0.4	ug/l	59637	ISTD01	11.71	2749770	20.0
2-Hexanol	6.66	0.5	ug/l	66457	ISTD01	11.71	2749770	20.0
2-Pentanone, 4-hydro	7.69	1.3	ug/l	172698	ISTD01	11.71	2749770	20.0
1,4-Dichlorobenzene-	11.58	0.5	ug/l	72346	ISTD01	11.71	2749770	20.0

23833.D NP103001.M Thu Nov 01 13:18:33 2001