User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/26/2001 Time: 11:54:06

Sample: AD25376
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/26/01 11:52 Ended: 11/26/01 11:52 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD25376 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-26-2001 Time: 11:55:10

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\NOV1401\25376.D Vial: 11
Acq On : 15 Nov 2001 2:22 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 3:10 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	625785	20.00 ug/l	-0.02
19) Naphthalene-d8	15.32	136	2379204	20.00 ug/l	-0.02
31) Acenaphthene-d10	20.59	164	1208900	20.00 ug/l	-0.02
49) Phenanthrene-d10	25.02	188	1789709	20.00 ug/l	-0.02
59) Chrysene-d12	33.05	240	1278697	20.00 ug/l	-0.02
68) Perylene-d12	37.16	264	941802	20.00 ug/l	0.00
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	302	0.01 ug/l	0.47
Spiked Amount 75.000			Recovery =	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	409	0.01 ug/l	-0.02
Spiked Amount 50.000			Recovery =	0.02%	
20) Nitrobenzene-d5	0.00	82	0	0.00 ug/l	
Spiked Amount 50.000			Recovery =	0.00%	
32) 2-Fluorobiphenyl	18.75	172	1520	0.02 ug/l	0.13
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)

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Acq On : 15 Nov 2001 2:22 am Operator: 209 GALOS
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Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	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.	
40)	Acenaphthylene	0.00	152	0	N.D.	
41)	Acenaphthene	20.61	153	107	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	25.01	178	617	N.D.	
56)	Anthracene	25.01	178	617	N.D.	
57)	Di-n-butylphthalate	27.03	149	33495	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	33.05	228	2986	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	313	N.D.	
67)	Chrysene	33.05	228	2986	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\NOV1401\25376.D Vial: 11
Acq On : 15 Nov 2001 2:22 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 3:10 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.16	252	3762	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.	

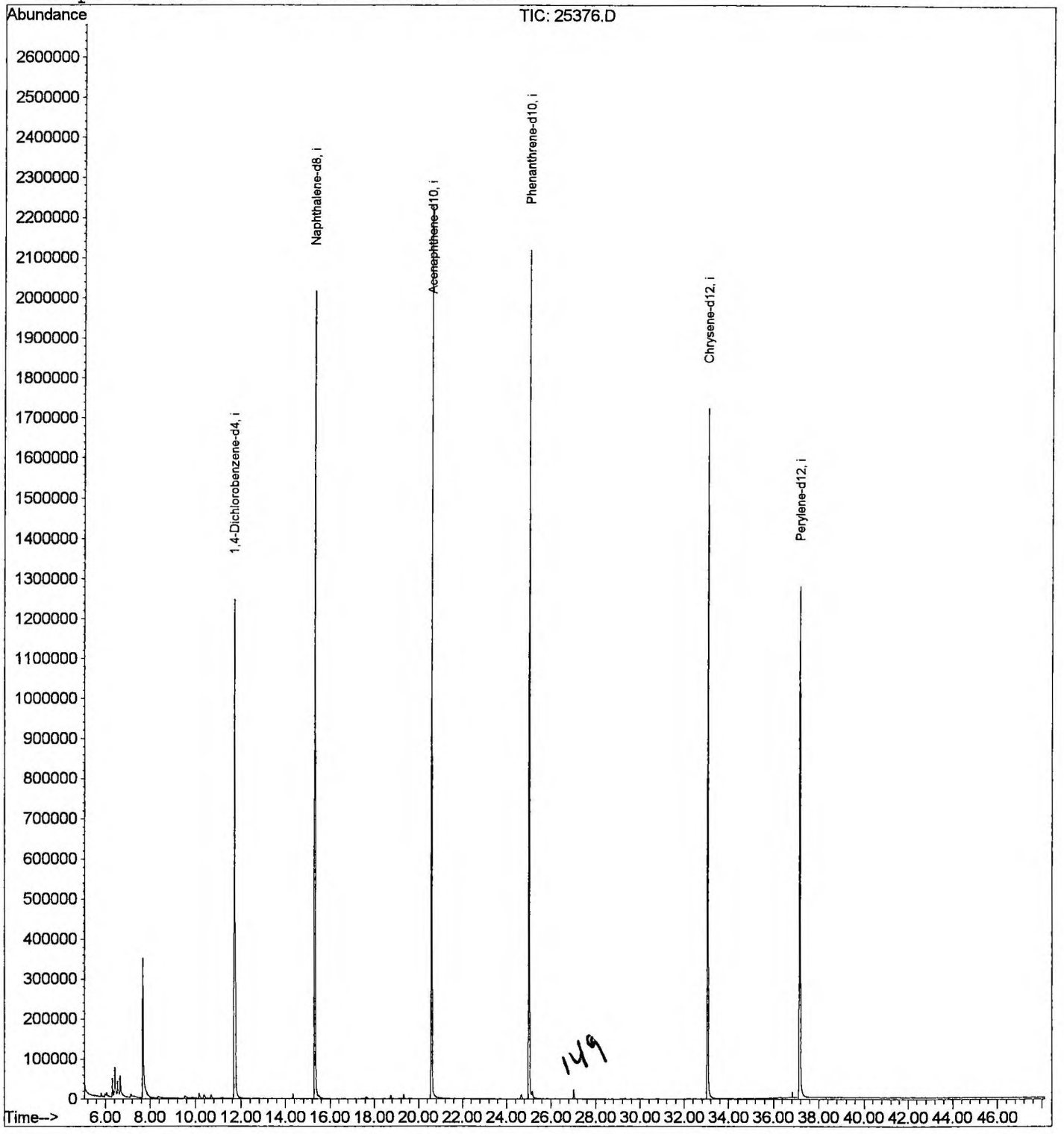
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV1401\25376.D
Acq On : 15 Nov 2001 2:22 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 15 3:10 2001

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1401\25376.D Vial: 11
Acq On : 15 Nov 2001 2:22 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\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

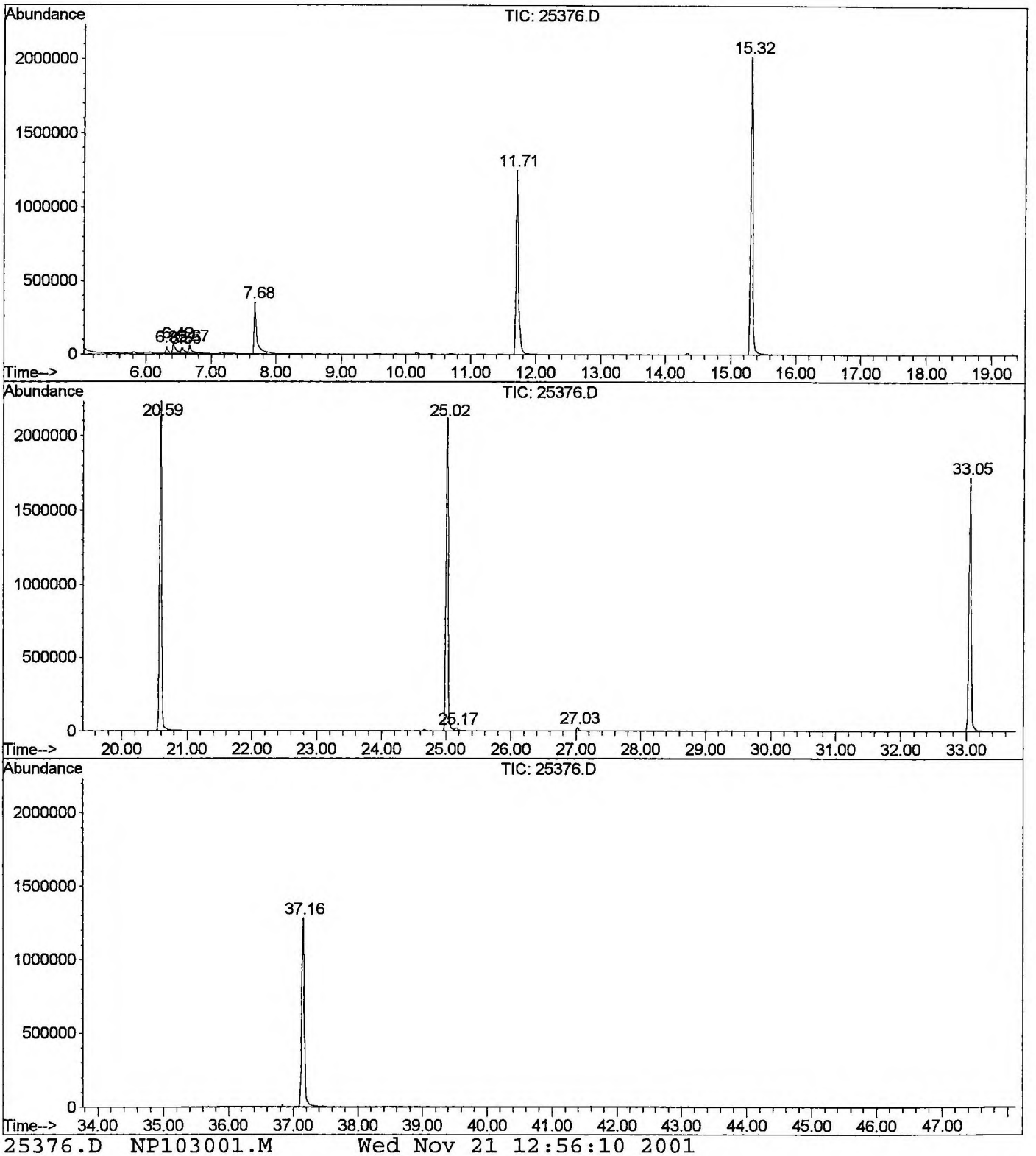
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.319	135	139	144	rBV	45244	94111	1.96%	0.359%
2	6.420	146	150	160	rVV	71895	198491	4.14%	0.756%
3	6.548	161	164	173	rVV	36321	104300	2.18%	0.397%
4	6.668	173	177	191	rVB	50031	138486	2.89%	0.528%
5	7.678	283	287	306	rBV	350028	947541	19.78%	3.610%
6	11.708	721	726	742	rBV	1247696	3239766	67.63%	12.343%
7	15.316	1113	1119	1137	rBV	2017935	4356201	90.93%	16.596%
8	20.594	1688	1694	1708	rBV	2233109	4790691	100.00%	18.252%
9	25.019	2169	2176	2188	rBV2	2121576	4666586	97.41%	17.779%
10	25.166	2188	2192	2203	rVB3	16656	55008	1.15%	0.210%
11	27.030	2389	2395	2401	rBV	23009	50276	1.05%	0.192%
12	33.052	3044	3051	3075	rBV2	1724555	4056417	84.67%	15.454%
13	37.156	3489	3498	3521	rBV2	1278503	3550245	74.11%	13.526%

Sum of corrected areas: 26248119

25376.D NP103001.M Wed Nov 21 12:56:07 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1401\25376.D
Operator : 209 GALOS
Acquired : 15 Nov 2001 2:22 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 11
Quant File :NP103001.RES (RTE Integrator)



25376.D NP103001.M Wed Nov 21 12:56:10 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1401\25376.D
Acq On : 15 Nov 2001 2:22 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

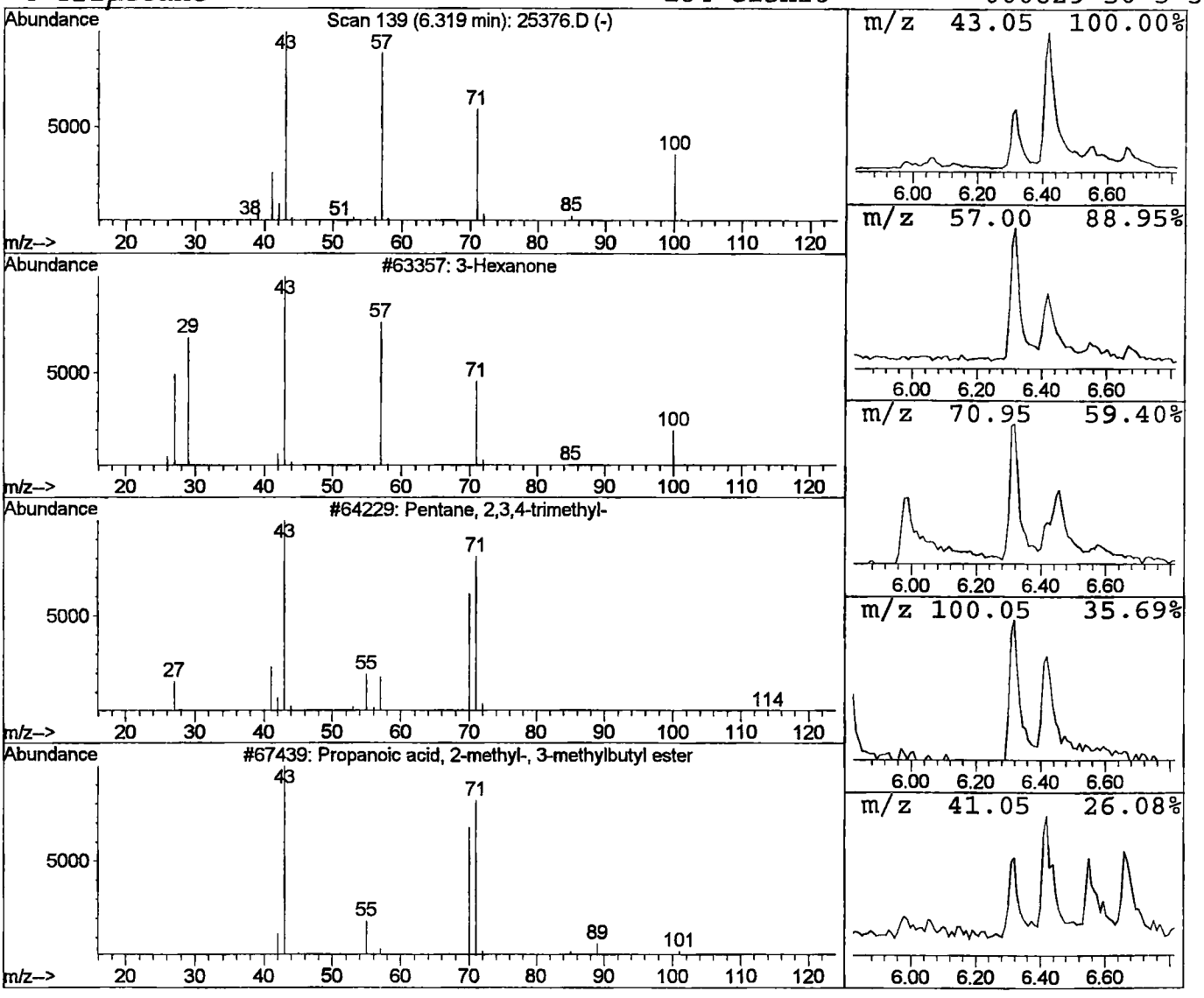
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	0.58 ug/l	94111	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	74
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
3	Propanoic acid, 2-methyl-, 3-methyl	158	C9H18O2	002050-01-3	40
4	Tridecane	184	C13H28	000629-50-5	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1401\25376.D
Acq On : 15 Nov 2001 2:22 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

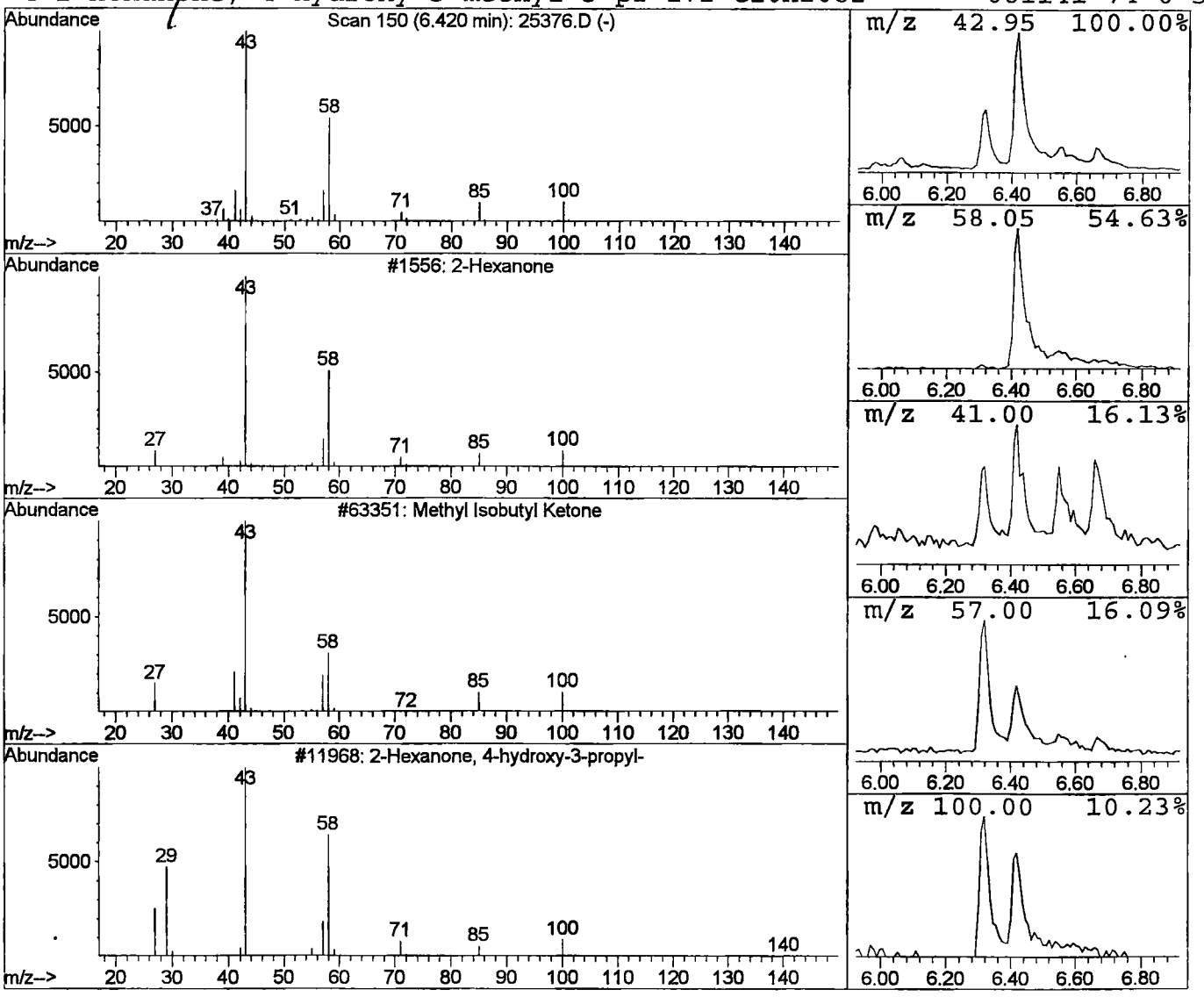
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	1.23 ug/l	198491	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	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
4	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1401\25376.D
Acq On : 15 Nov 2001 2:22 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

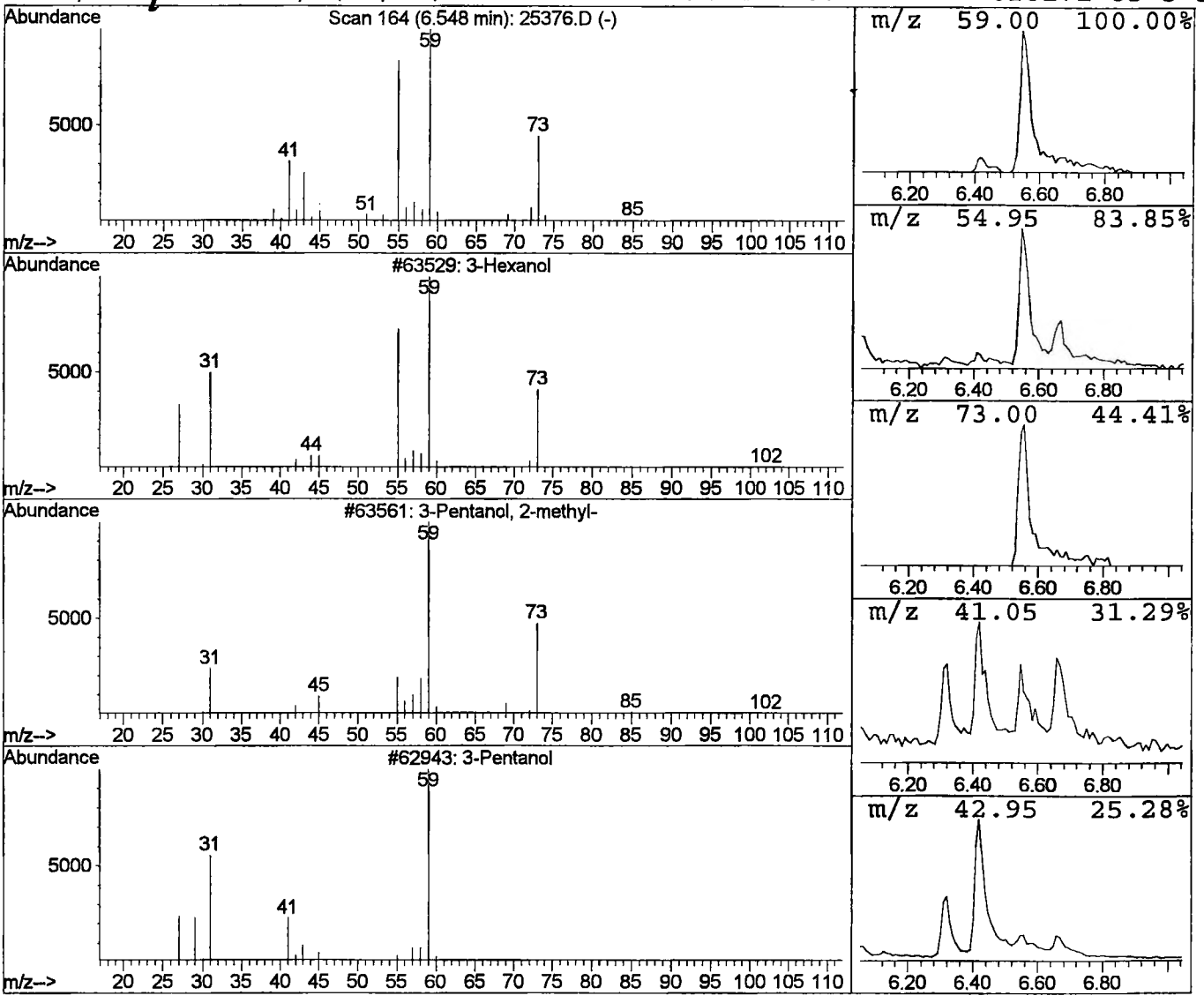
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	0.64 ug/l	104300	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	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1401\25376.D
Acq On : 15 Nov 2001 2:22 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

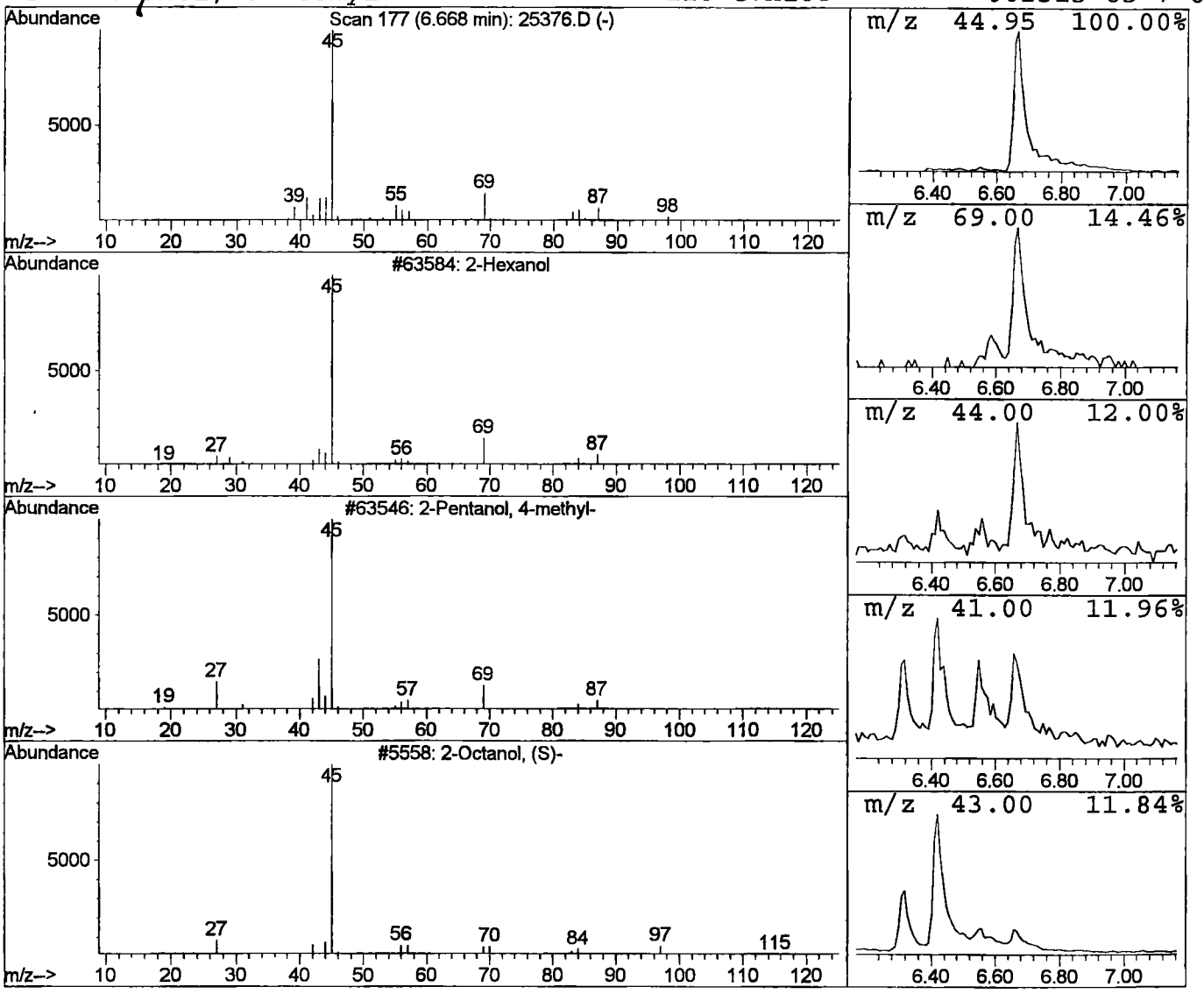
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	0.85 ug/l	138486	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-Octanol, (S)-	130	C8H18O	006169-06-8	64
4	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	64



Library Search Compound Report

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Acq On : 15 Nov 2001 2:22 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

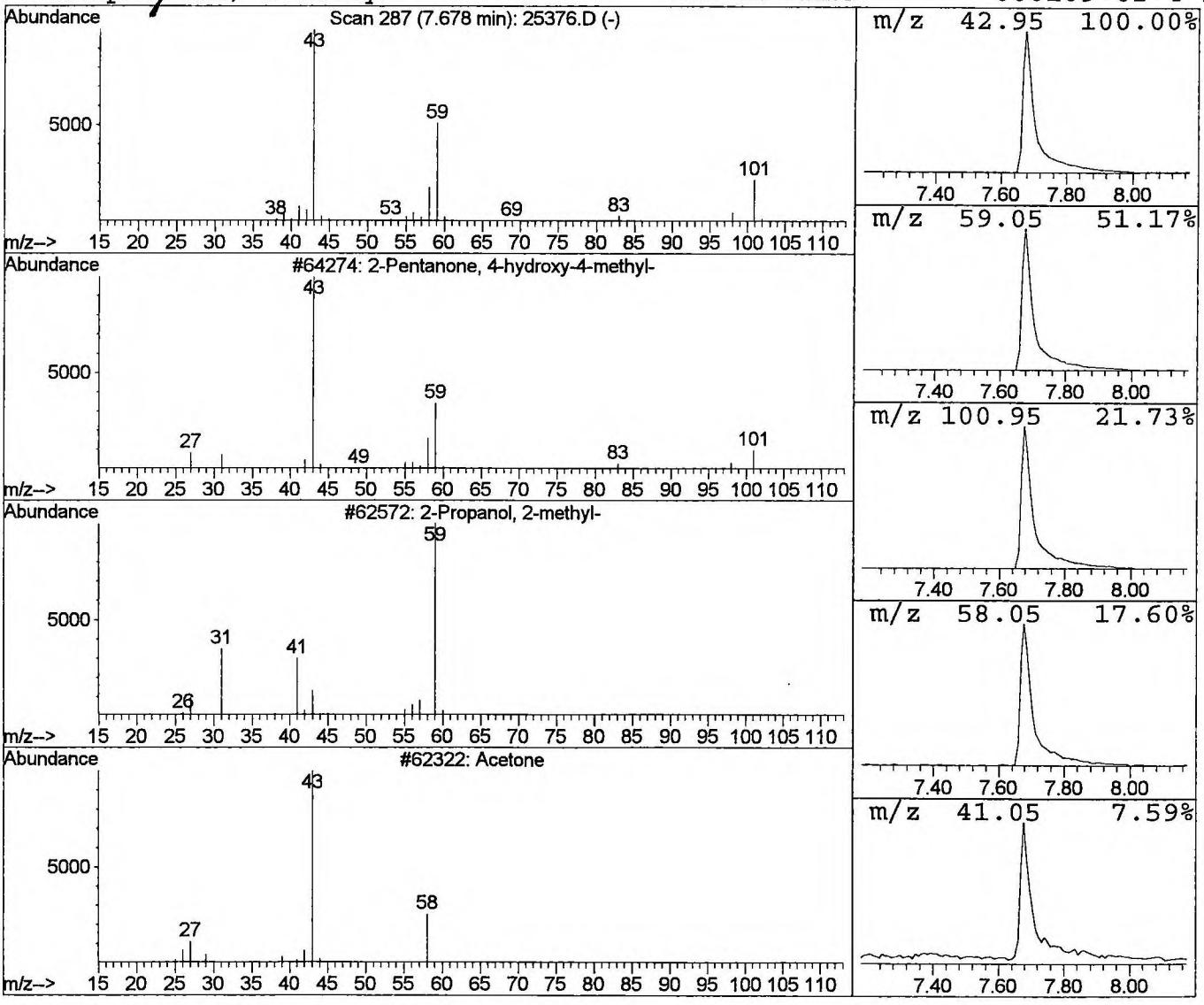
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	5.85 ug/l	947541	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	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
3	Acetone	58	C3H6O	000067-64-1	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Nov 2001 2:22 am
Data File: C:\HPCHEM\1\DATA\NOV1401\25376.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.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	0.6	ug/l	94111	ISTD01	11.71	3239770	20.0
2-Hexanone	6.42	1.2	ug/l	198491	ISTD01	11.71	3239770	20.0
3-Hexanol	6.55	0.6	ug/l	104300	ISTD01	11.71	3239770	20.0
2-Hexanol	6.67	0.9	ug/l	138486	ISTD01	11.71	3239770	20.0
2-Pentanone, 4-hydro	7.68	5.8	ug/l	947541	ISTD01	11.71	3239770	20.0

25376.D NP103001.M Wed Nov 21 12:56:20 2001