User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/06/2001 Time: 15:32:37

Sample: AD25793
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/6/01 15:31 Ended: 12/6/01 15:31 Analyst: MG
Page: 1

	Component Name	Vol	Result
1	Other unknown compounds		see comment

Comments for Sample AD25793 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-06-2001 Time: 15:32:44

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\NOV1901\25793.D Vial: 13
Acq On : 20 Nov 2001 3:01 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 3:49 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	11.72	152	754948	20.00 ug/l	0.00
19) Naphthalene-d8	15.31	136	2892351	20.00 ug/l	-0.02
31) Acenaphthene-d10	20.59	164	1472486	20.00 ug/l	-0.02
49) Phenanthrene-d10	25.02	188	2183856	20.00 ug/l	-0.02
59) Chrysene-d12	33.05	240	1607389	20.00 ug/l	-0.02
69) Perylene-d12	37.15	264	1190270	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	11.72	132	446	0.01 ug/l	0.48
Spiked Amount 75.000			Recovery =	0.01%	
17) 1,2-Dichlorobenzene-d4	12.22	152	1383	0.04 ug/l	-0.03
Spiked Amount 50.000			Recovery =	0.08%	
27) Nitrobenzene-d5	0.00	82	0	0.00 ug/l	
Spiked Amount 50.000			Recovery =	0.00%	
32) 2-Fluorobiphenyl	18.75	172	2035	0.02 ug/l	0.13
Spiked Amount 50.000			Recovery =	0.04%	
37) 2,4,6-Tribromophenol	0.00	330	0	0.00 ug/l	
Spiked Amount 75.000			Recovery =	0.00%	
67) Terphenyl-d14	0.00	244	0	0.00 ug/l	
Spiked Amount 50.000			Recovery =	0.00%	
Target Compounds					Qvalue
7) Pyridine	0.00	79	0	N.D.	
8) N-nitroso-dimethyl amine	0.00	74	0	N.D.	
9) Phenol	0.00	94	0	N.D.	
10) bis(2-Chloroethyl)ether	0.00	93	0	N.D.	
11) 2-Chlorophenol	0.00	128	0	N.D.	
12) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
13) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
14) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
15) 2-Methylphenol	0.00	108	0	N.D.	
16) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
18) 3&4-Methylphenol	0.00	108	0	N.D.	
20) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
21) Hexachloroethane	0.00	117	0	N.D.	
22) Nitrobenzene	0.00	77	0	N.D.	
23) Isophorone	0.00	82	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1901\25793.D Vial: 13
Acq On : 20 Nov 2001 3:01 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
LIB Integration Params: RTEINT.P
Quant Time: Nov 20 3:49 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 20 625/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
2	2-Nitrophenol	0.00	139	0	N.D.	
2	2,4-Dimethylphenol	0.00	107	0	N.D.	
2	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
2	2,4-Dichlorophenol	0.00	162	0	N.D.	
2	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
2	Naphthalene	15.38	128	720	N.D.	
2	Hexachlorobutadiene	0.00	225	0	N.D.	
3	4-Chloro-3-methylphenol	0.00	107	0	N.D.	
3	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
3	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
3	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
3	2-Chloronaphthalene	0.00	162	0	N.D.	
3	Dimethylphthalate	0.00	163	0	N.D.	
3	2,6-Dinitrotoluene	0.00	165	0	N.D.	
4	Acenaphthylene	0.00	152	0	N.D.	
4	Acenaphthene	0.00	153	0	N.D.	
4	2,4-Dinitrophenol	0.00	184	0	N.D.	
4	4-Nitrophenol	0.00	65	0	N.D.	
4	2,4-Dinitrotoluene	20.89	165	270	N.D.	
4	Diethylphthalate	22.14	149	1269	N.D.	
4	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
4	Fluorene	0.00	166	0	N.D.	
4	Azobenzen/ 1,2-diphenylhyd	0.00	77	0	N.D.	
5	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
5	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
5	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
5	Hexachlorobenzene	0.00	284	0	N.D.	
5	Pentachlorophenol	0.00	266	0	N.D.	
5	Phenanthrene	25.02	178	871	N.D.	
5	Anthracene	25.02	178	871	N.D.	
5	Di-n-butylphthalate	27.03	149	3996	N.D.	
5	Fluoranthene	0.00	202	0	N.D.	
6	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
6	Benzidine	0.00	184	0	N.D.	
6	Pyrene	0.00	202	0	N.D.	
6	Butylbenzylphthalate	0.00	149	0	N.D.	
6	Benzo(a)anthracene	33.06	228	3774	N.D.	
6	Bis(2-ethylhexyl)phthalate	33.33	149	1667	N.D.	
6	Chrysene	33.06	228	3774	N.D.	
6	Di-n-Octylphthalate	0.00	149	0	N.D.	
7	Benzo(b)fluoranthene	0.00	252	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HP [illegible]\1\DATA\NOV1901\25793.D Vial: 13
Acq On : 20 Nov 2001 3:01 am Operator: 209 GALOS
Sample : gc/ms Unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 2[illegible] 3:49 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 20[illegible] 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
7[illegible]	Benzo(k)fluoranthene	0.00	252	0	N.D.	
7[illegible]	Benzo(a)pyrene	37.15	252	4662	N.D.	
7[illegible]	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
7[illegible]	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
7	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
25793.D GCMS1126.M Fri Dec 07 08:04:34 2001 Page 3

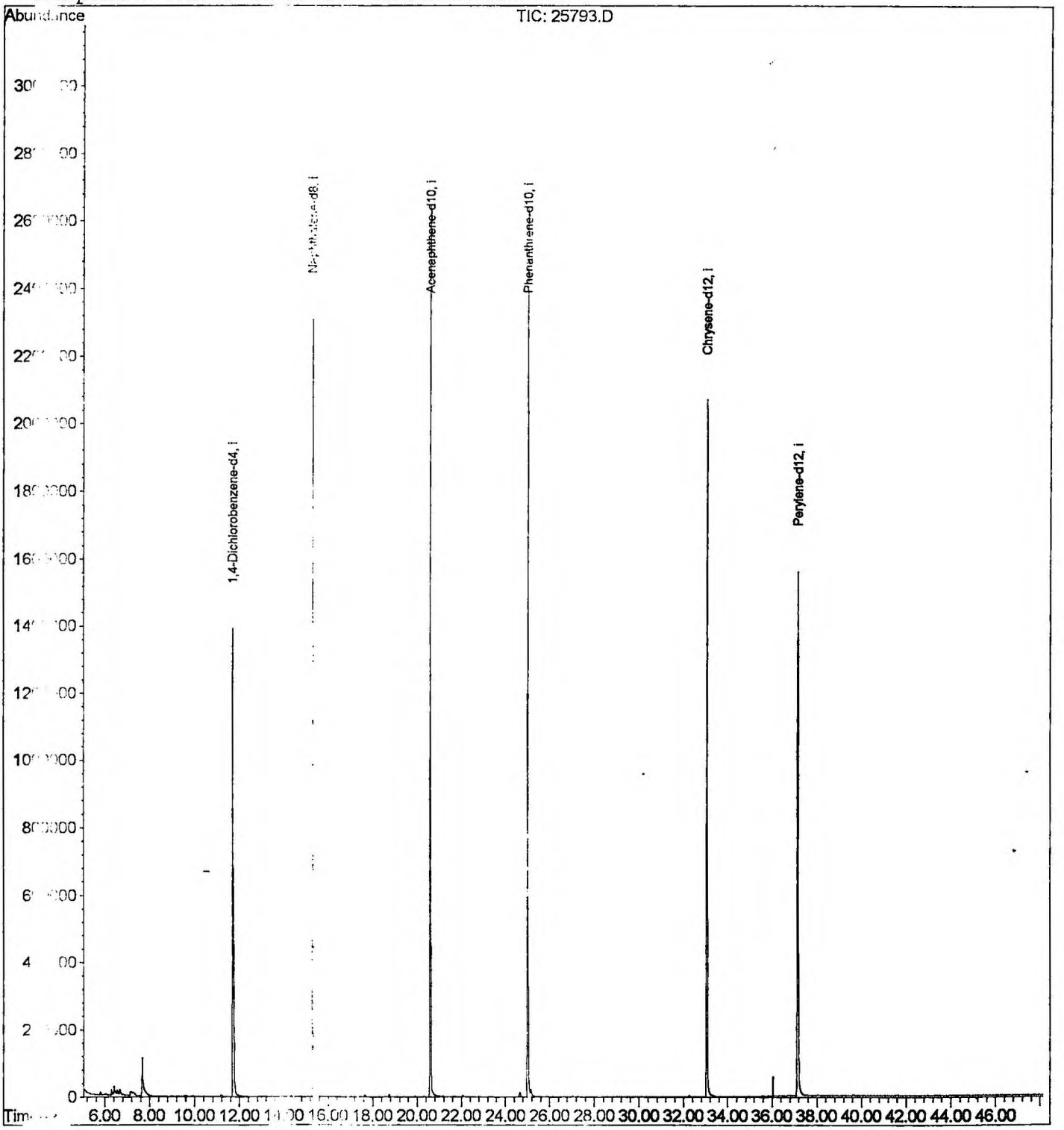
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25793.D
Acq On : 20 Nov 2001 3:01 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 28 3:49 2001

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 20[illegible] 625/TCLP calibration table
Last Update : We[illegible] Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25793.D Vial: 13
Acq On : 20 Nov 2001 3:01 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

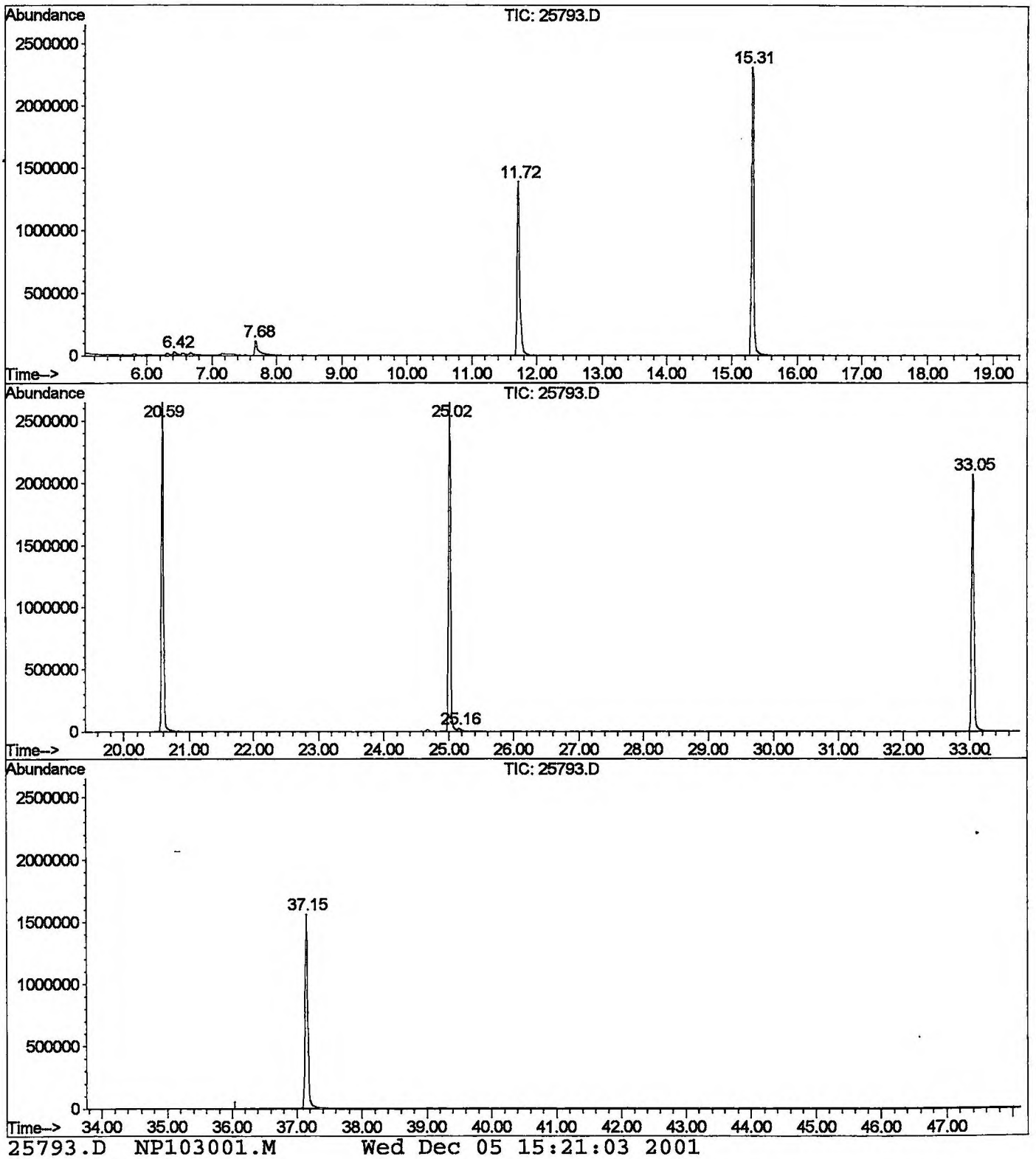
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.419	146	150	160	rVV	26251	82971	1.42%	0.270%
2	7.676	284	287	305	rBV	112817	398464	6.82%	1.297%
3	11.716	721	727	750	rBV	1391282	3936262	67.38%	12.813%
4	15.314	1114	1119	1138	rBV	2309186	5258493	90.02%	17.117%
5	20.593	1688	1694	1715	rBV	2649320	5841706	100.00%	19.016%
6	25.018	2169	2176	2188	rBV2	2644420	5660935	96.91%	18.427%
7	25.156	2188	2191	2205	rVB	22085	75603	1.29%	0.246%
8	33.051	3044	3051	3077	rBV2	2070510	5050654	86.46%	16.441%
9	37.154	3490	3498	3519	rBV	1558590	4415505	75.59%	14.373%

Sum of corrected areas: 30720593

25793.D NP103001.M Wed Dec 05 15:21:01 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1901\25793.D
Operator : 209 GALOS
Acquired : 20 Nov 2001 3:01 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 13
Quant File :NP103001.RES (RTE Integrator)



25793.D NP103001.M Wed Dec 05 15:21:03 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25793.D
Acq On : 20 Nov 2001 3:01 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

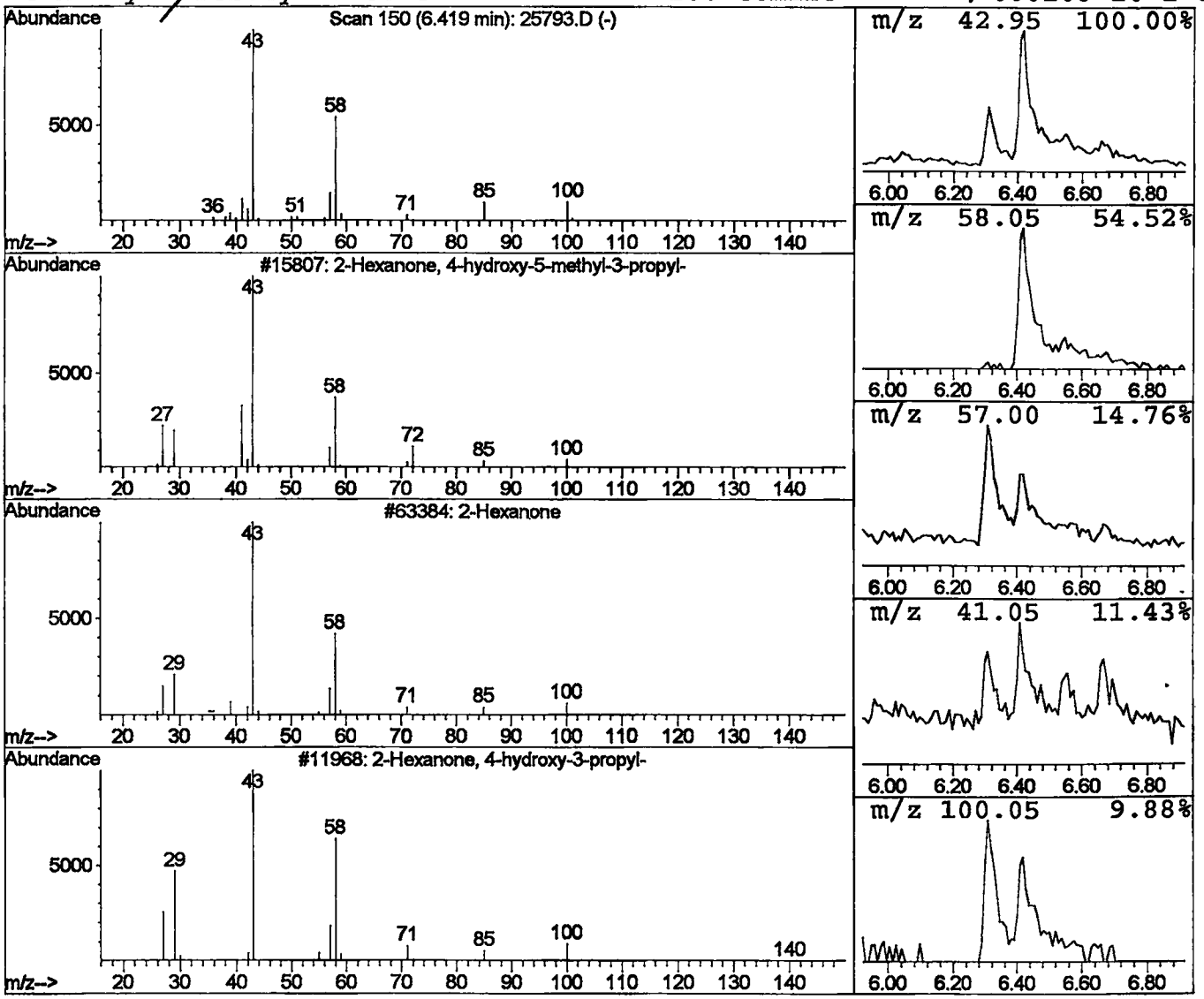
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone, 4-hydroxy-5-methyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.42 ug/l	82971	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	78
2	2-Hexanone	100	C6H12O	000591-78-6	72
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25793.D
Acq On : 20 Nov 2001 3:01 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

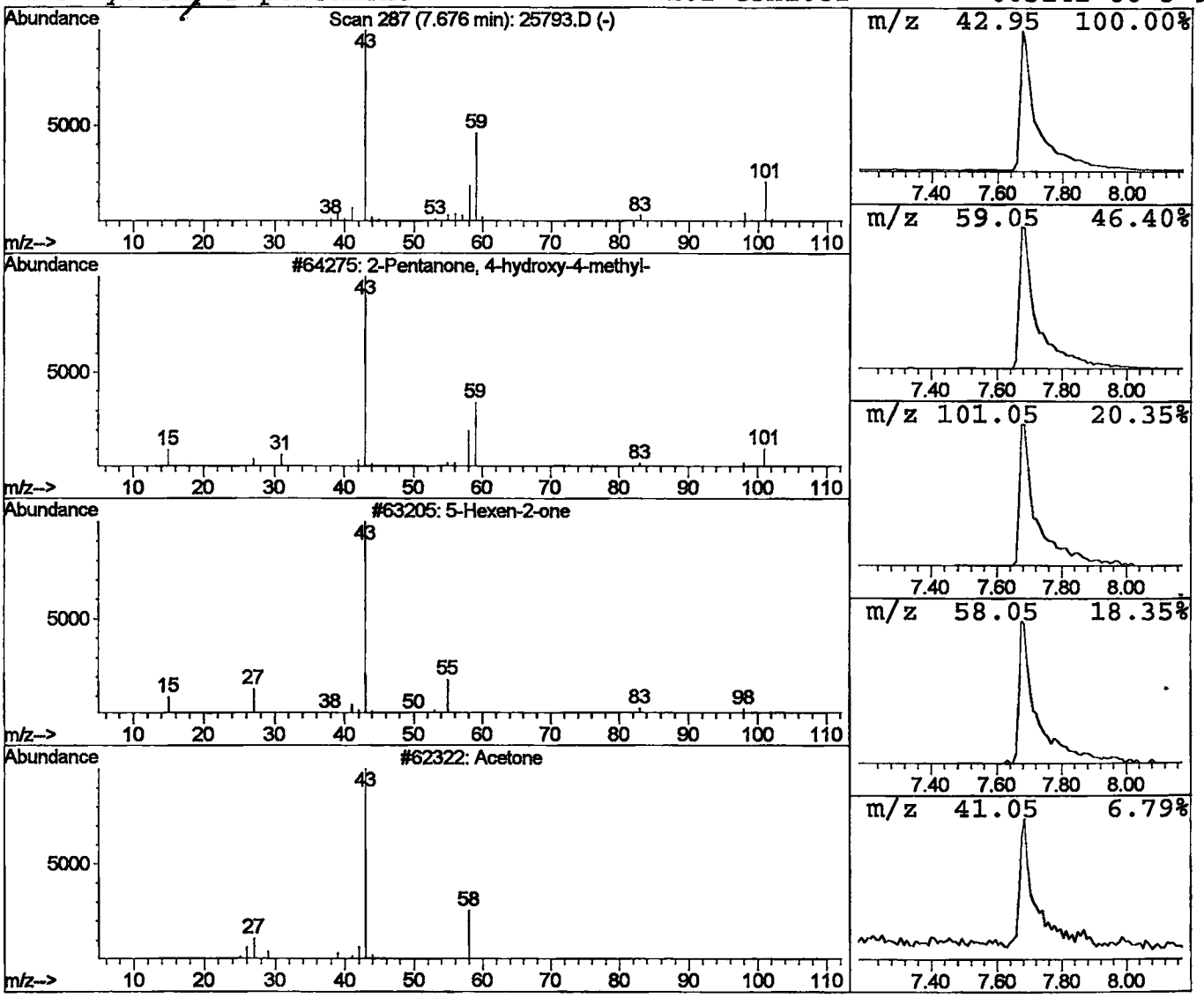
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	2.02 ug/l	398464	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Acetone	58	C3H6O	000067-64-1	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 20 Nov 2001 3:01 am
Data File: C:\HPCHEM\1\DATA\NOV1901\25793.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
2-Hexanone, 4-hydrox	6.42	0.4	ug/l	82971	ISTD01	11.72	3936260	20.0
2-Pentanone, 4-hydro	7.68	2.0	ug/l	398464	ISTD01	11.72	3936260	20.0

25793.D NP103001.M Wed Dec 05 15:21:10 2001