

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/29/2001 Time: 14:48:20

Sample: AD25733
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/29/01 14:47 Ended: 11/29/01 14:47 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD25733 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-29-2001 Time: 14:48:26

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\NOV1601\25733.D

Vial: 15

Acq On : 17 Nov 2001 4:41 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 17 5:30 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	723403	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2721789	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1353160	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.01	188	2044879	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1554309	20.00	ug/l	-0.01
68) Perylene-d12	37.16	264	1153660	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	388	0.01	ug/l	0.47
Spiked Amount 75.000			Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.25	152	297	0.01	ug/l	0.00
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	1552	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

25733.D GCMS1126.M Wed Nov 28 15:39:55 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1601\25733.D
 Acq On : 17 Nov 2001 4:41 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 17 5:30 2001

Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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
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	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) Azobenzene/ 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	530	N.D.		
56) Anthracene	25.02	178	530	N.D.		
57) Di-n-butylphthalate	27.03	149	1364	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	4127	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	778	N.D.		
67) Chrysene	33.06	228	4127	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

25733.D GCMS1126.M Wed Nov 28 15:40:01 2001

Page 2

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1601\25733.D

Vial: 15

Acq On : 17 Nov 2001 4:41 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 17 5:30 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	4516	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
25733.D GCMS1126.M Wed Nov 28 15:40:02 2001

Page 3

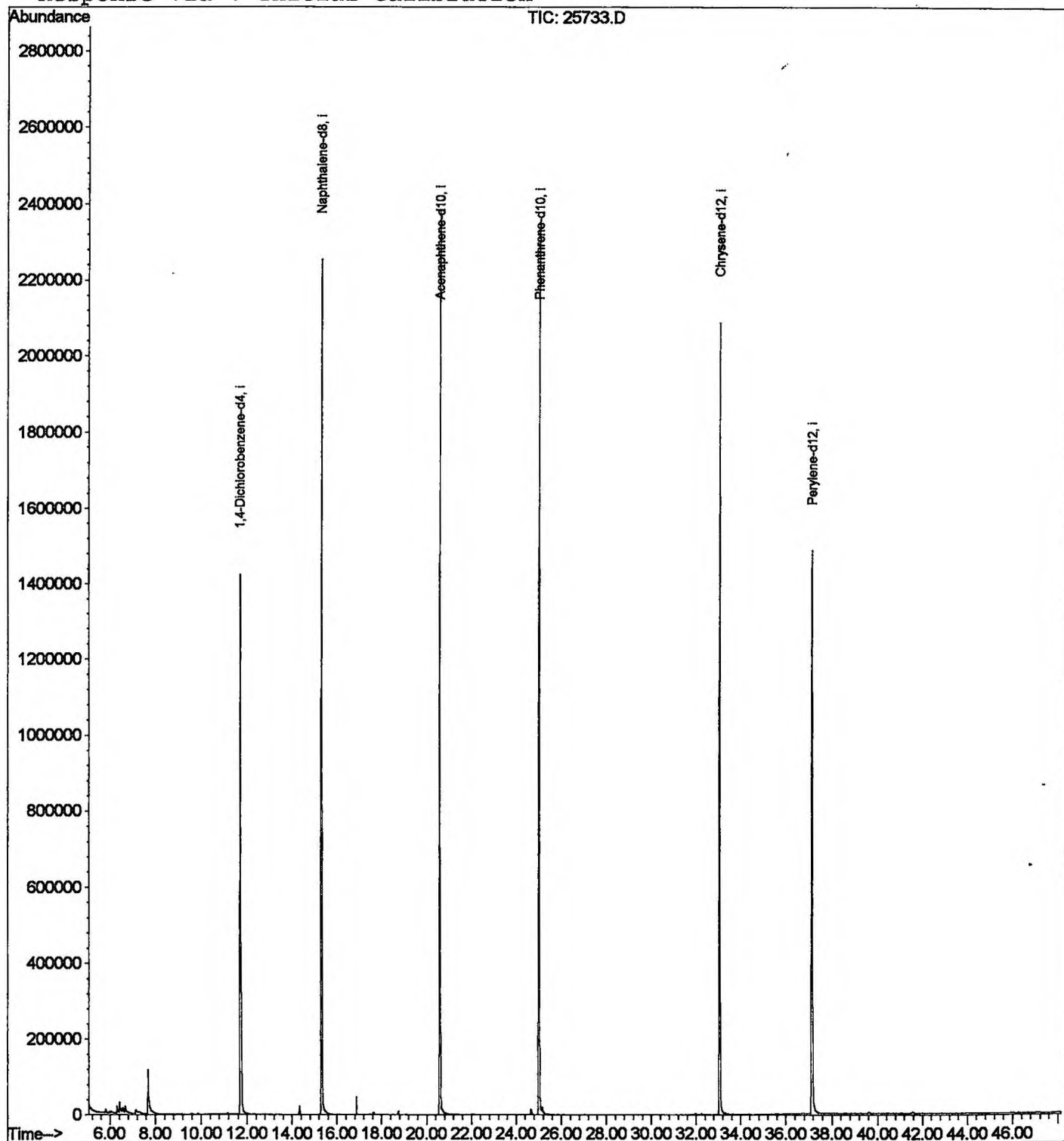
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25733.D
Acq On : 17 Nov 2001 4:41 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 17 5:30 2001

Vial: 15
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 : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25733.D
 Acq On : 17 Nov 2001 4:41 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

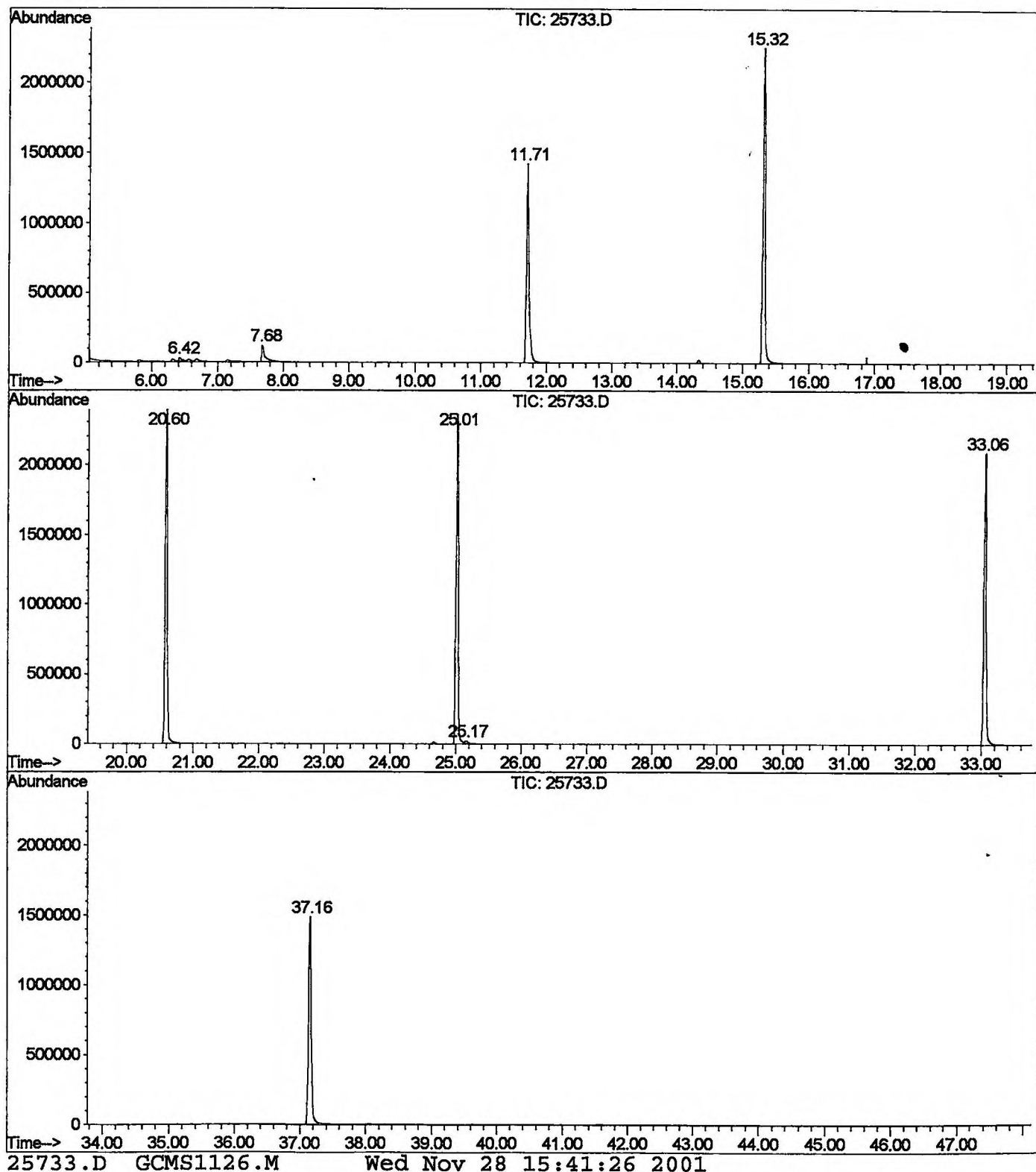
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.424	146	150	161	rVV2	26654	75755	1.40%	0.260%
2	7.681	284	287	312	rBV	116008	393917	7.28%	1.352%
3	11.712	720	726	747	rBV	1423542	3737654	69.07%	12.828%
4	15.319	1113	1119	1136	rBV	2253002	4955098	91.57%	17.007%
5	20.598	1687	1694	1718	rBV	2385920	5411208	100.00%	18.572%
6	25.014	2169	2175	2188	rBV2	2356653	5306522	98.07%	18.213%
7	25.170	2188	2192	2201	rVB3	18333	59366	1.10%	0.204%
8	33.056	3043	3051	3074	rBV2	2088649	4901781	90.59%	16.824%
9	37.159	3489	3498	3511	rBV	1485204	4295127	79.37%	14.741%

Sum of corrected areas: 29136428

25733.D GCMS1126.M Wed Nov 28 15:41:23 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1601\25733.D
 Operator : 209 GALOS
 Acquired : 17 Nov 2001 4:41 am using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 15
 Quant File :NP103001.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25733.D
Acq On : 17 Nov 2001 4:41 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

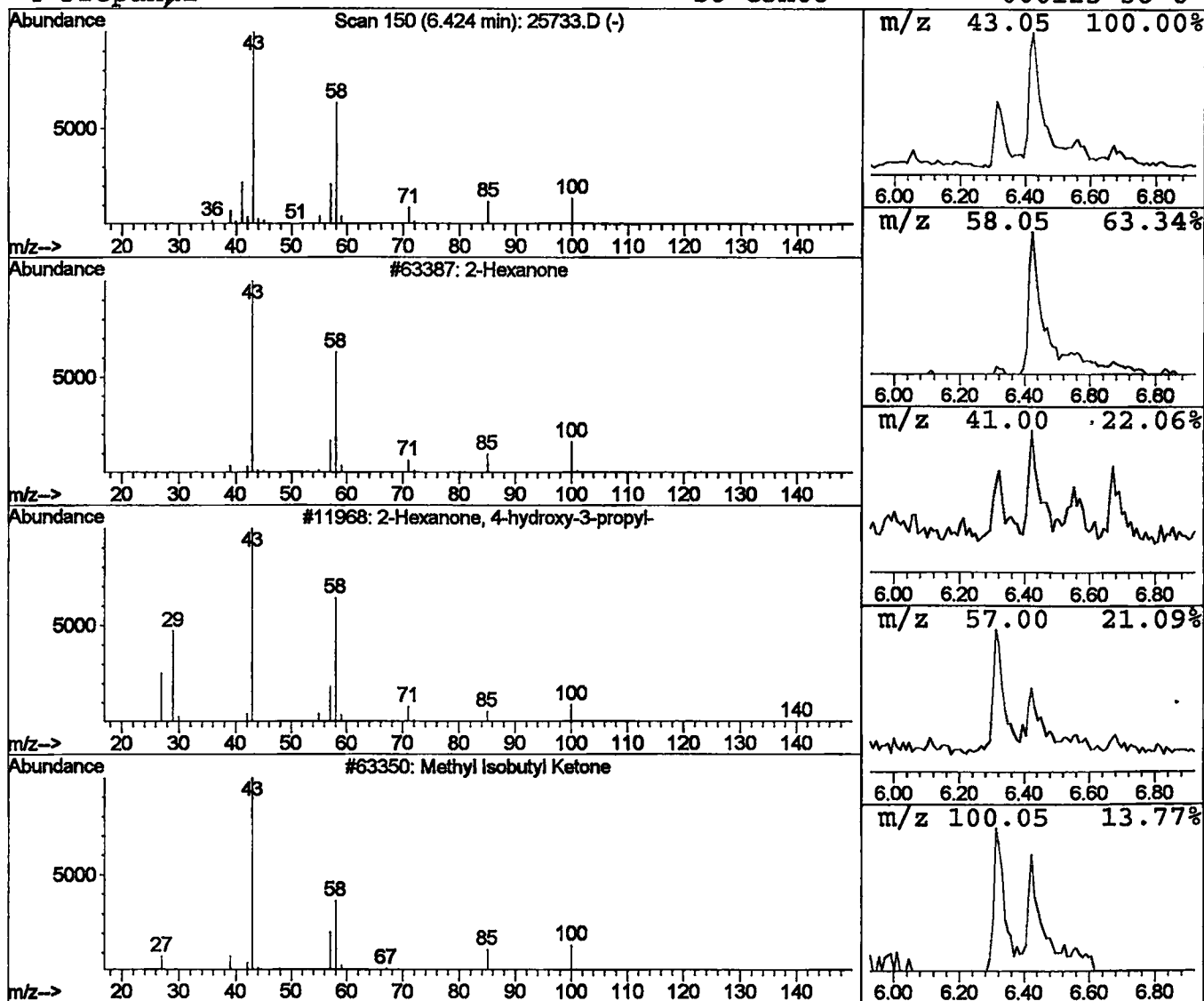
Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.41 ug/l	75755	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			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	78
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4			Propanal	58	C3H6O	000123-38-6	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25733.D
 Acq On : 17 Nov 2001 4:41 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

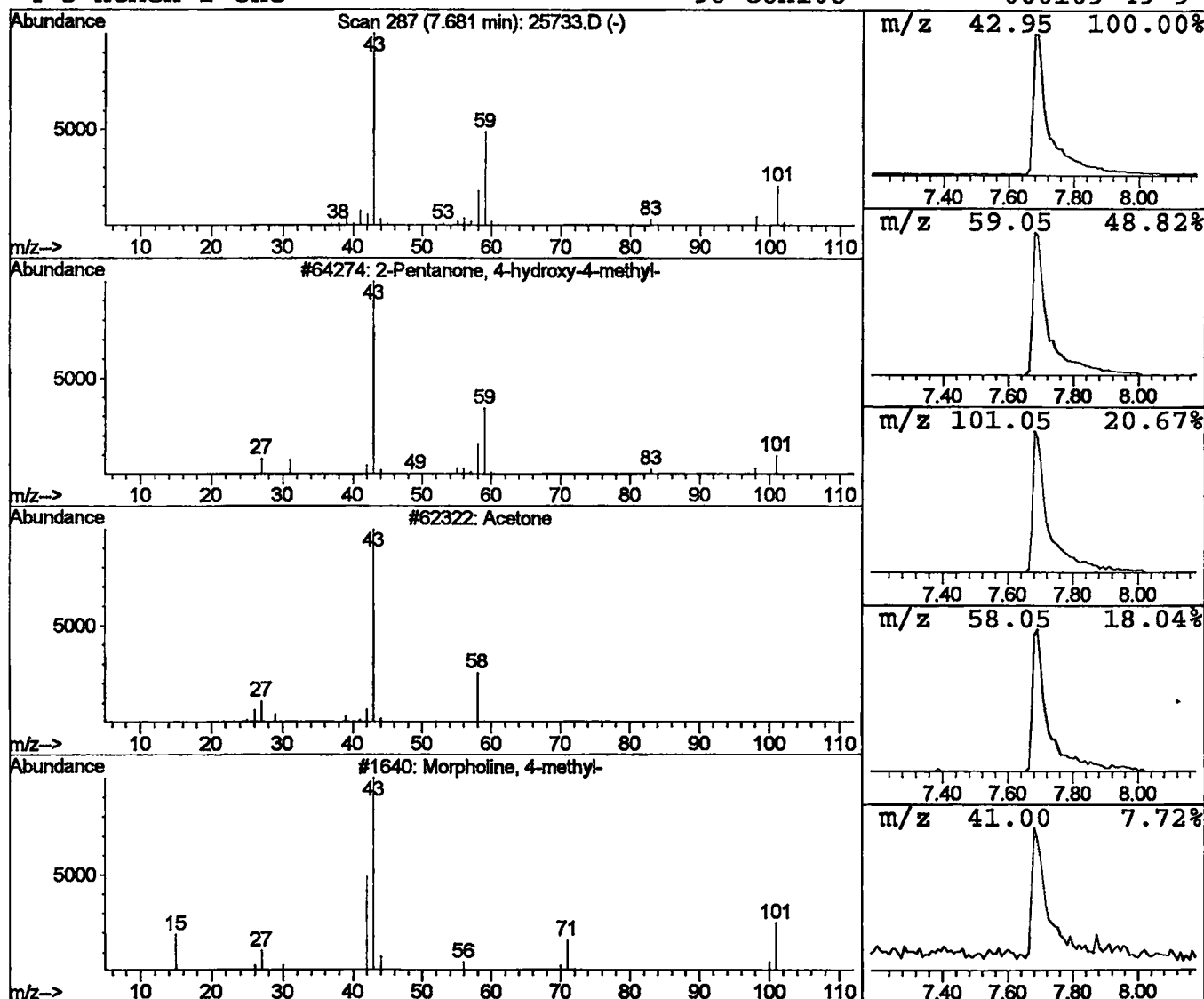
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	2.11 ug/l	393917	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	56
2	Acetone	58	C3H6O	000067-64-1	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Nov 2001 4:41 am
Data File: C:\HPCHEM\1\DATA\NOV1601\25733.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	6.42	0.4	ug/l	75755	ISTD01	11.71	3737650	20.0
2	Pentanone , 4-hydro	7.68	2.1	ug/l	393917	ISTD01	11.71	3737650	20.0

25733.D GCMS1126.M Wed Nov 28 15:41:33 2001