

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/05/2001 Time: 12:47:31

Sample: AD24400
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/5/01 12:46 Ended: 11/5/01 12:46 Analyst: MG
Page: 1

	Component Name	Via	Result
1	Other unknown compounds		see comment

Comments for Sample AD24400 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-05-2001 Time: 12:47:36

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\NOV0201\24400.D
 Acq On : 2 Nov 2001 7:55 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 2 20:44 2001

Vial: 6
 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	518634	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2021003	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	964852	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.02	188	1427689	20.00	ug/l	-0.01
59) Chrysene-d12	33.05	240	1007011	20.00	ug/l	-0.01
68) Perylene-d12	37.16	264	753692	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	347	0.01	ug/l	0.47
Spiked Amount 75.000			Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	5901	0.25	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	0.50%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	2012	0.03	ug/l	0.12
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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0201\24400.D
 Acq On : 2 Nov 2001 7:55 pm
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 MS Integration Params: RTEINT.P
 Quant Time: Nov 2 20:44 2001

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 Multiplr: 1.00

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 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	15.37	128	348	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	20.87	165	265	N.D.		
45) Diethylphthalate	22.11	149	535	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	735	N.D.		
56) Anthracene	25.08	178	282	N.D.		
57) Di-n-butylphthalate	27.03	149	2135	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	2448	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	1777	N.D.		
67) Chrysene	33.06	228	2448	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
 24400.D NP103001.M Mon Nov 05 12:04:55 2001

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0201\24400.D
 Acq On : 2 Nov 2001 7:55 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 2 20:44 2001

Vial: 6
 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
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.16	252	2846	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
 24400.D NP103001.M Mon Nov 05 12:05:01 2001

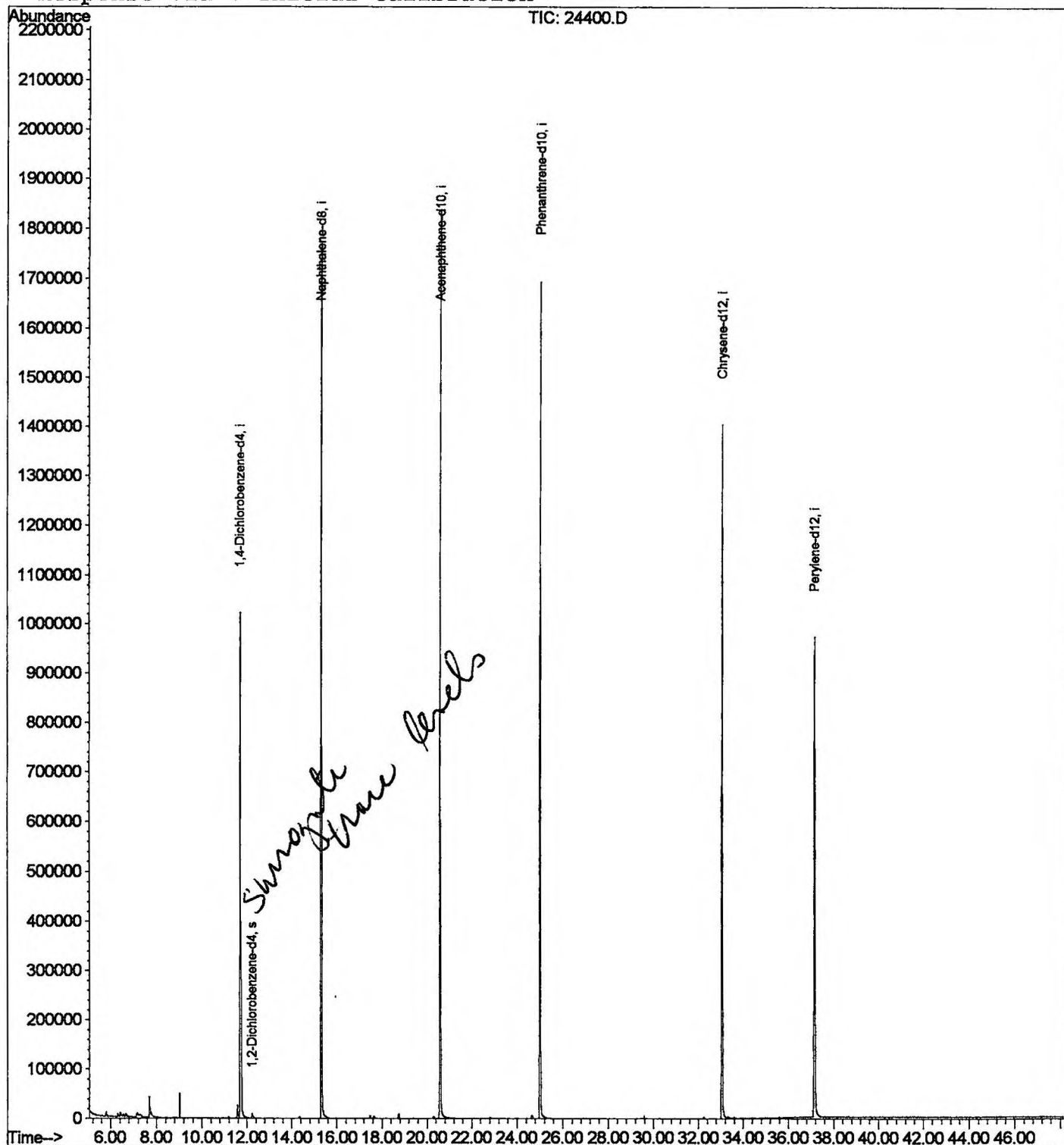
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24400.D
Acq On : 2 Nov 2001 7:55 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 2 20:44 2001

Vial: 6
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\NOV0201\24400.D
 Acq On : 2 Nov 2001 7:55 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 6
 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
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

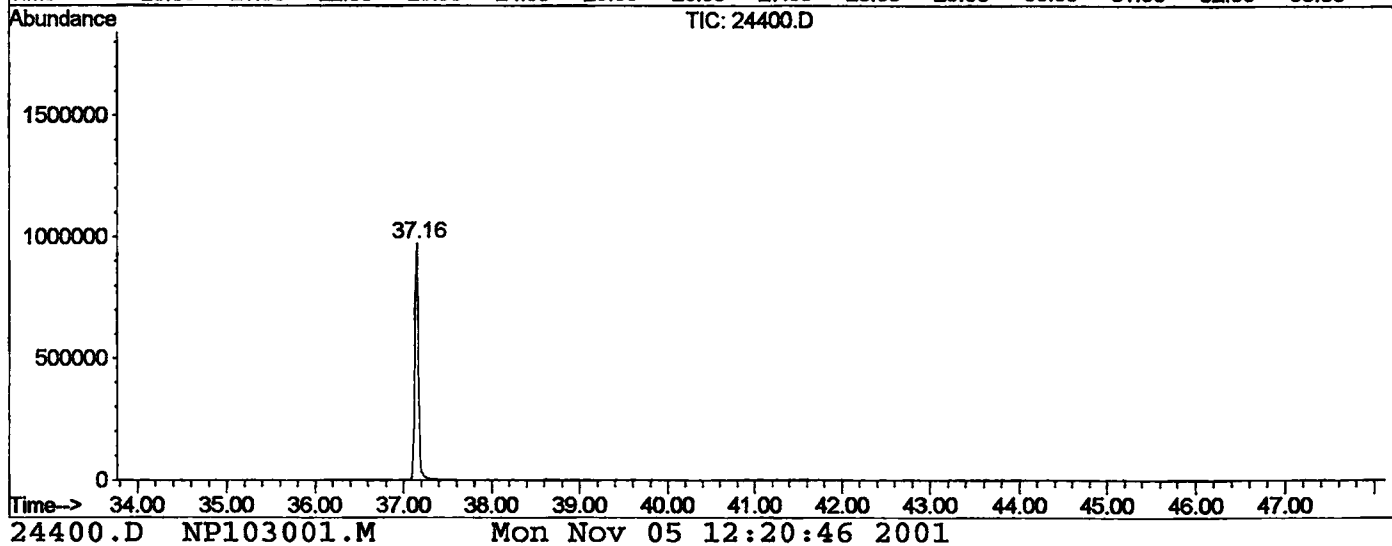
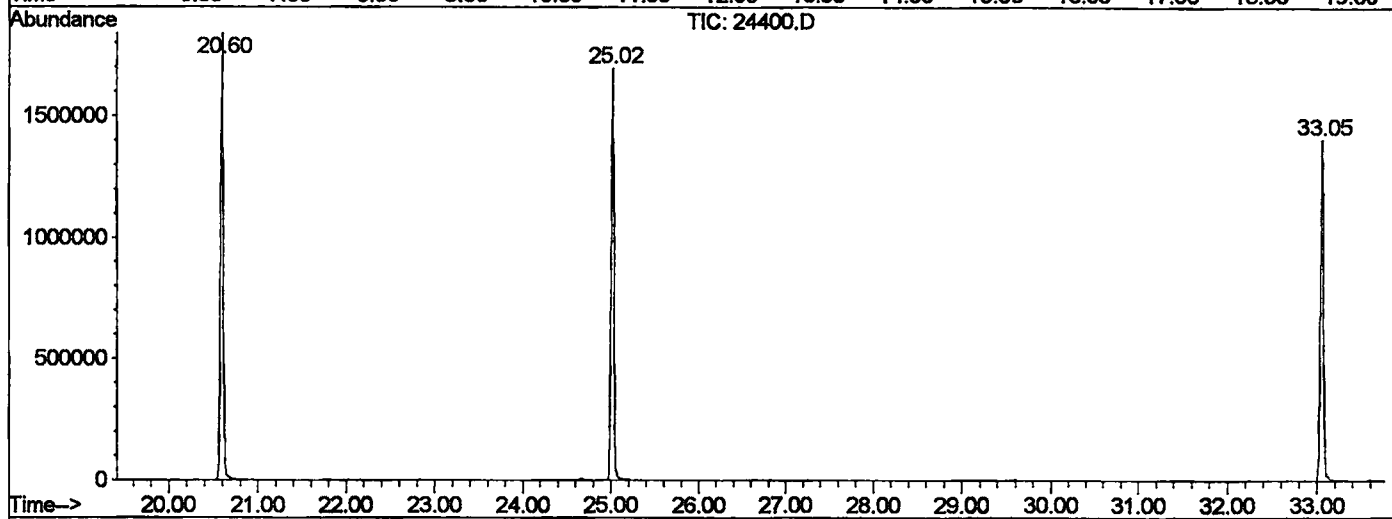
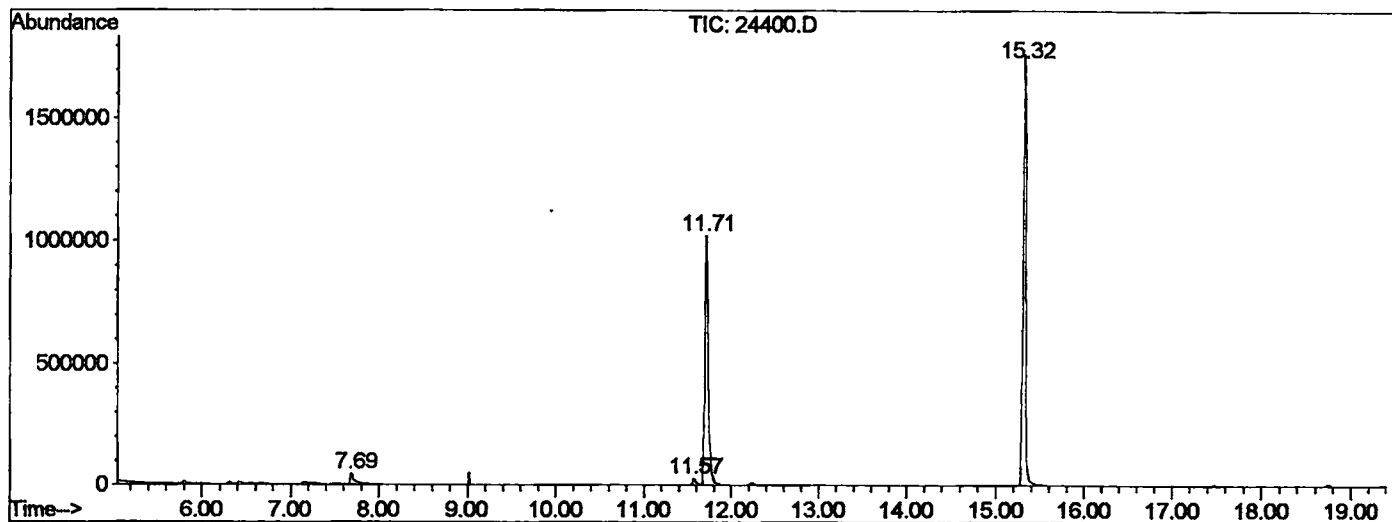
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.689	284	288	307	rBV	42987	148748	3.84%	0.739%
2	11.572	707	711	721	rBV	27172	70757	1.83%	0.352%
3	11.710	721	726	744	rBV	1020832	2722783	70.30%	13.536%
4	15.318	1113	1119	1137	rBV	1767741	3715360	95.92%	18.470%
5	20.596	1688	1694	1713	rBV	1837657	3873297	100.00%	19.255%
6	25.021	2169	2176	2188	rBV	1694290	3603166	93.03%	17.912%
7	33.054	3044	3051	3064	rBV2	1404732	3219123	83.11%	16.003%
8	37.158	3488	3498	3515	rBV2	970863	2762312	71.32%	13.732%

Sum of corrected areas: 20115546

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0201\24400.D
 Operator : 209 GALOS
 Acquired : 2 Nov 2001 7:55 pm using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 6
 Quant File :NP103001.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24400.D
 Acq On : 2 Nov 2001 7:55 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

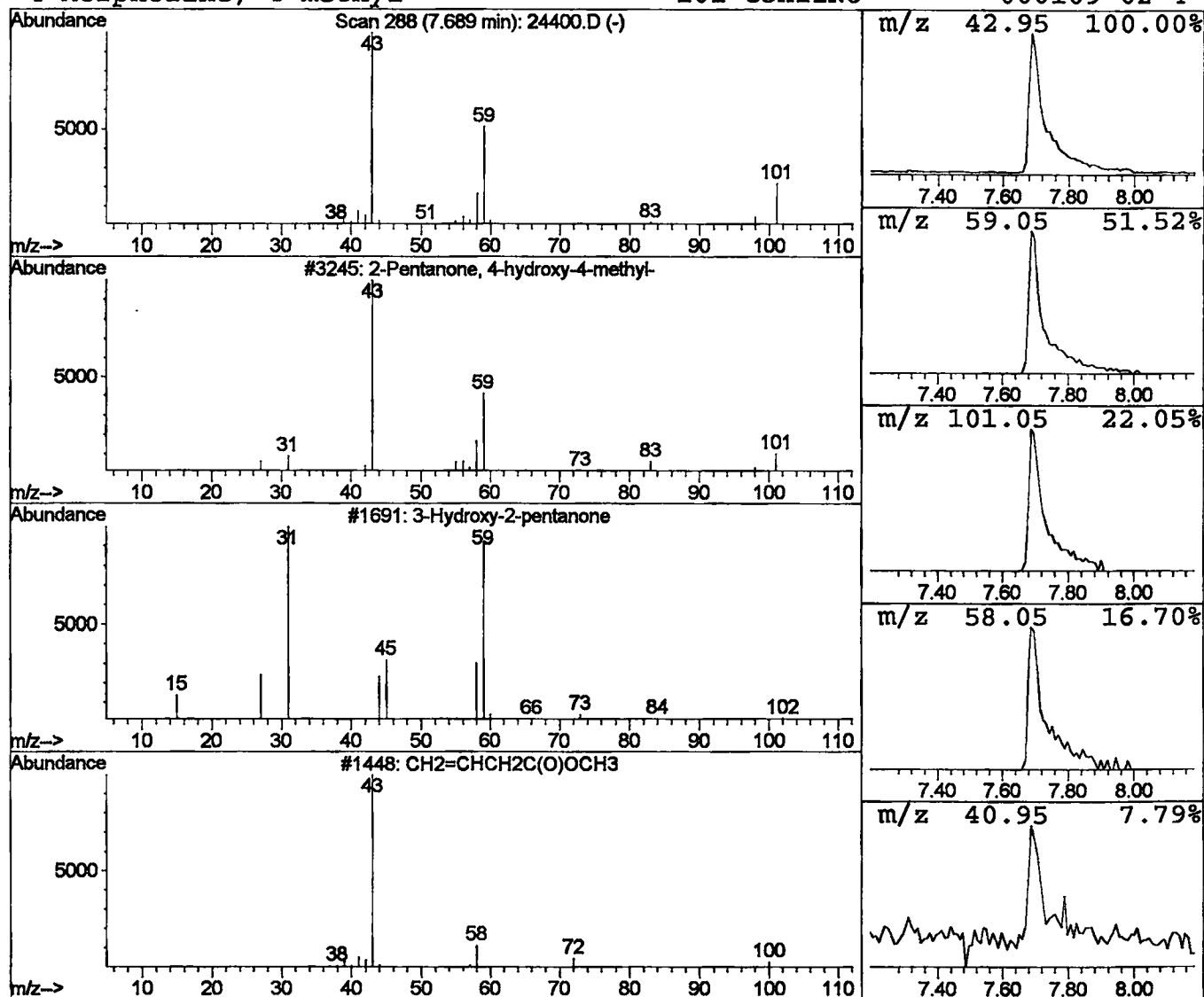
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.09 ug/l	148748	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	50	
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	23	
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24400.D
Acq On : 2 Nov 2001 7:55 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

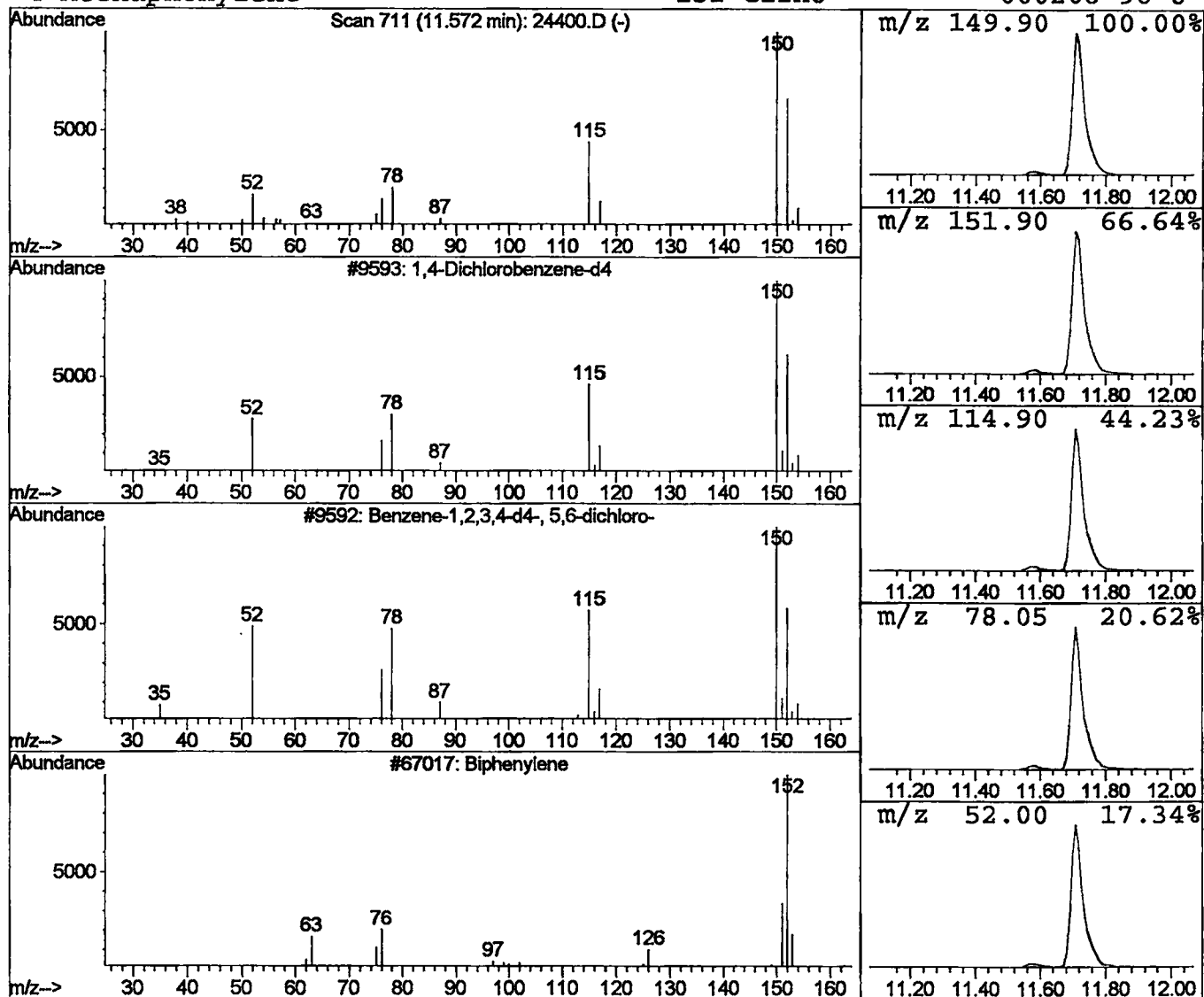
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 2 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.52 ug/l	70757	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	39
3			Biphenylene	152	C12H8	000259-79-0	9
4			Acenaphthylene	152	C12H8	000208-96-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Nov 2001 7:55 pm
Data File: C:\HPCHEM\1\DATA\NOV0201\24400.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-Pentanone, 4-hydro	7.69	1.1	ug/l	148748	ISTD01	11.71	2722780	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	70757	ISTD01	11.71	2722780	20.0

24400.D NP103001.M Mon Nov 05 12:20:52 2001