

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/19/2001 Time: 15:12:52

Sample: AD24732
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/19/01 15:12 Ended: 11/19/01 15:12 Analyst: MG
 Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

Comments for Sample AD24732 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-19-2001 Time: 15:12:56

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\NOV0601\24732.D
 Acq On : 6 Nov 2001 5:41 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 6 18:29 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	714384	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2747996	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1374321	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.02	188	2103921	20.00	ug/l	-0.01
59) Chrysene-d12	33.07	240	1517856	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	1102817	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	318	0.01	ug/l	0.47
Spiked Amount 75.000			Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.24	152	8471	0.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	0.52%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	2996	0.03	ug/l	0.13
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

24732.D NP103001.M Wed Nov 14 12:56:07 2001

Page 1

Quantitation Report

(QT Reviewed)

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Vial: 6

Acq On : 6 Nov 2001 5:41 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 6 18:29 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
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	20.16	165	601	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	20.94	165	173	N.D.		
45) Diethylphthalate	22.10	149	2078	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	25.09	178	210	N.D.		
56) Anthracene	25.08	178	210	N.D.		
57) Di-n-butylphthalate	27.03	149	15230	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	33.07	228	3898	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	1427	N.D.		
67) Chrysene	33.07	228	3898	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

24732.D NP103001.M Wed Nov 14 12:56:14 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0601\24732.D

Acq On : 6 Nov 2001 5:41 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 6 18:29 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	37.17	252	4277	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
24732.D NP103001.M Wed Nov 14 12:56:15 2001

Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24732.D

Acq On : 6 Nov 2001 5:41 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 6 18:29 2001

Vial: 6

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

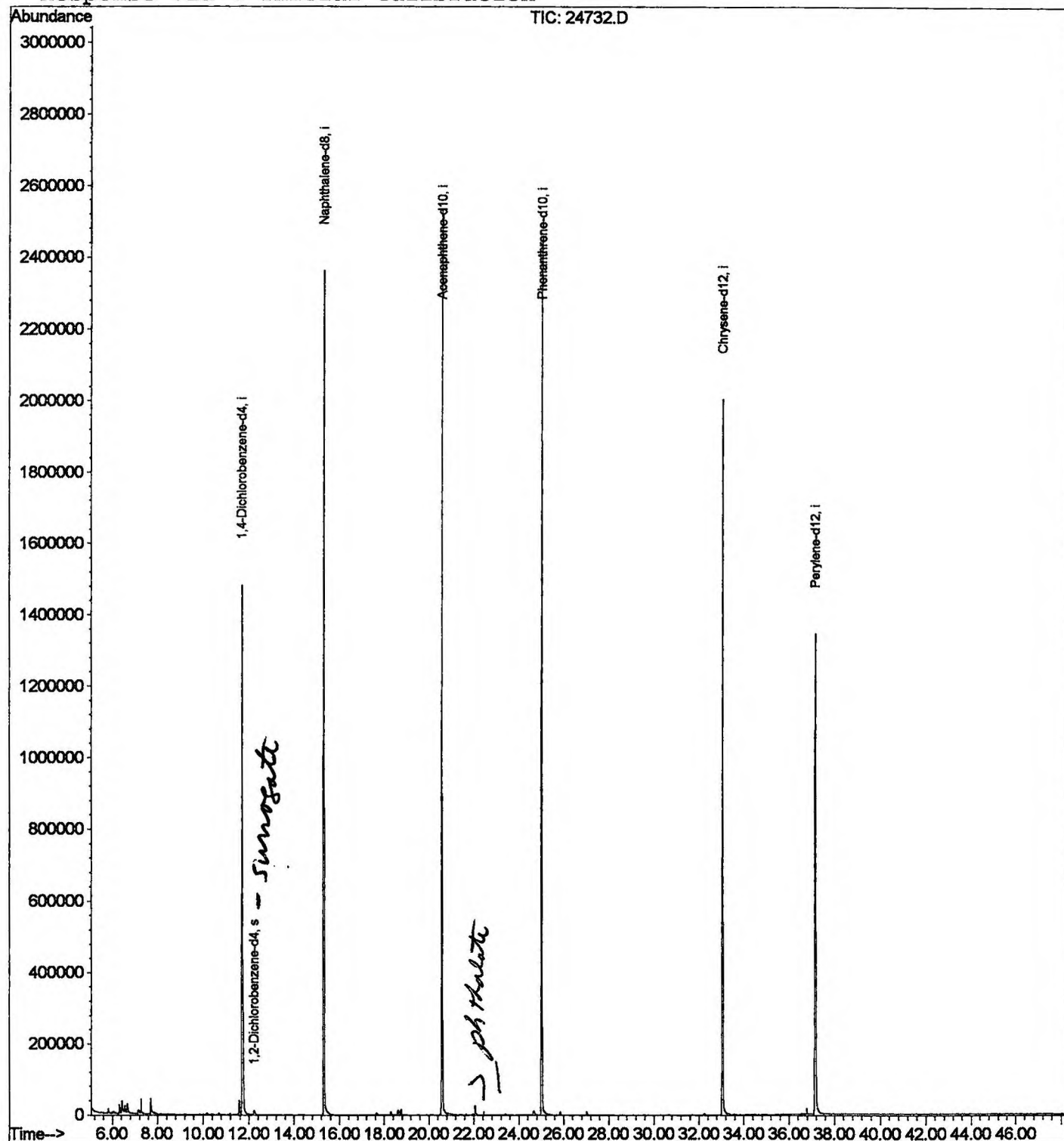
Quant Results File: NP103001.RES

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



24732.D NP103001.M

Wed Nov 14 12:56:21 2001

Page 4

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24732.D
 Acq On : 6 Nov 2001 5:41 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

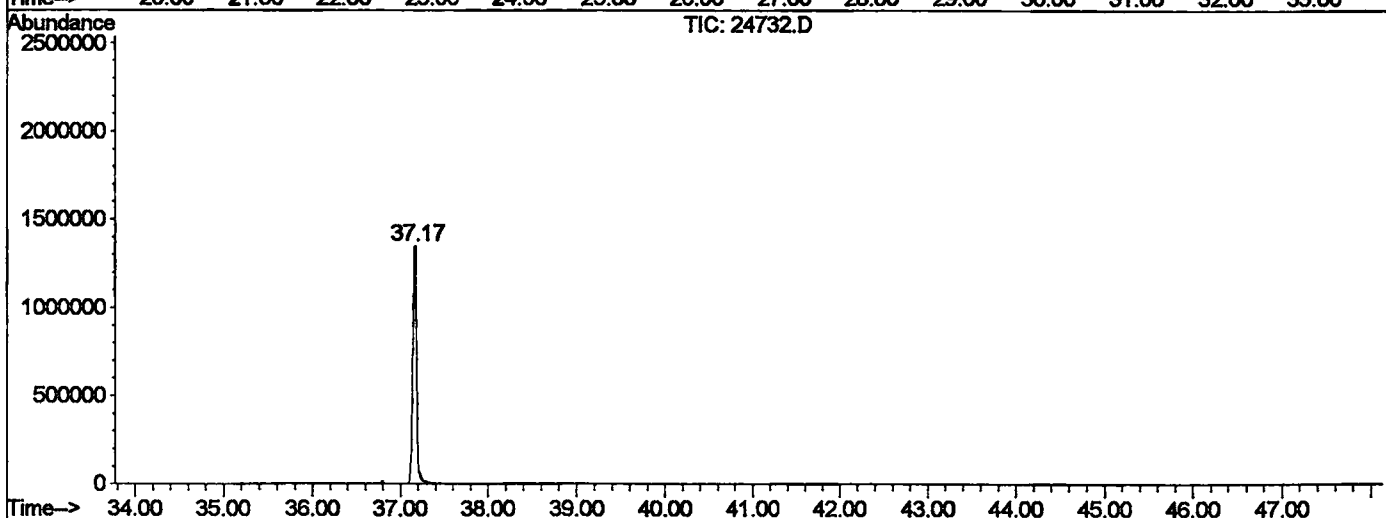
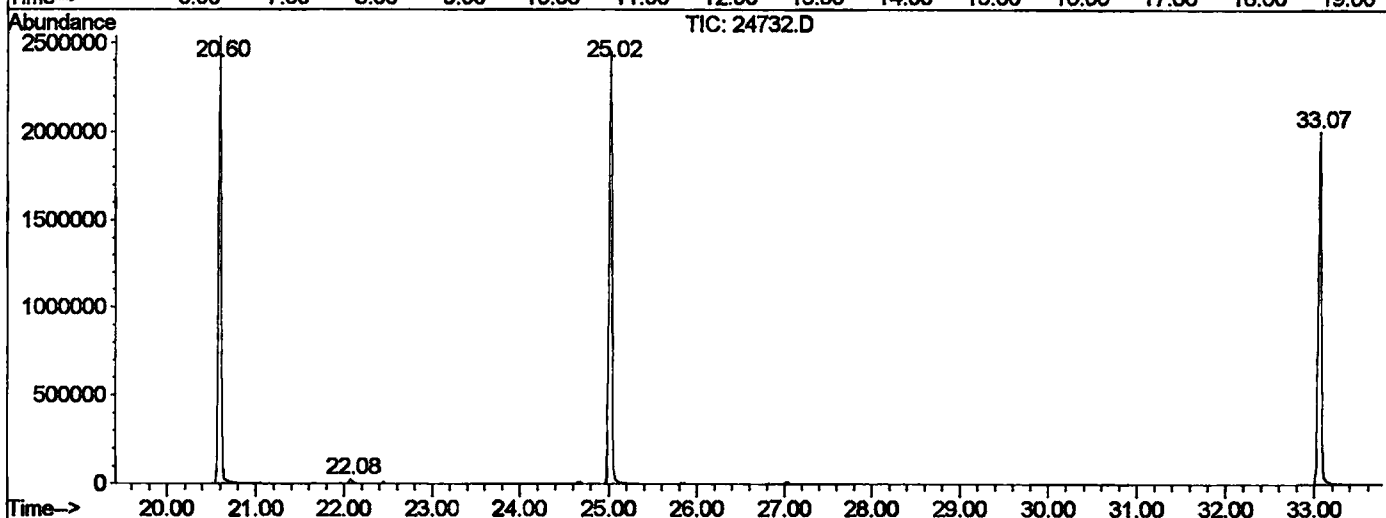
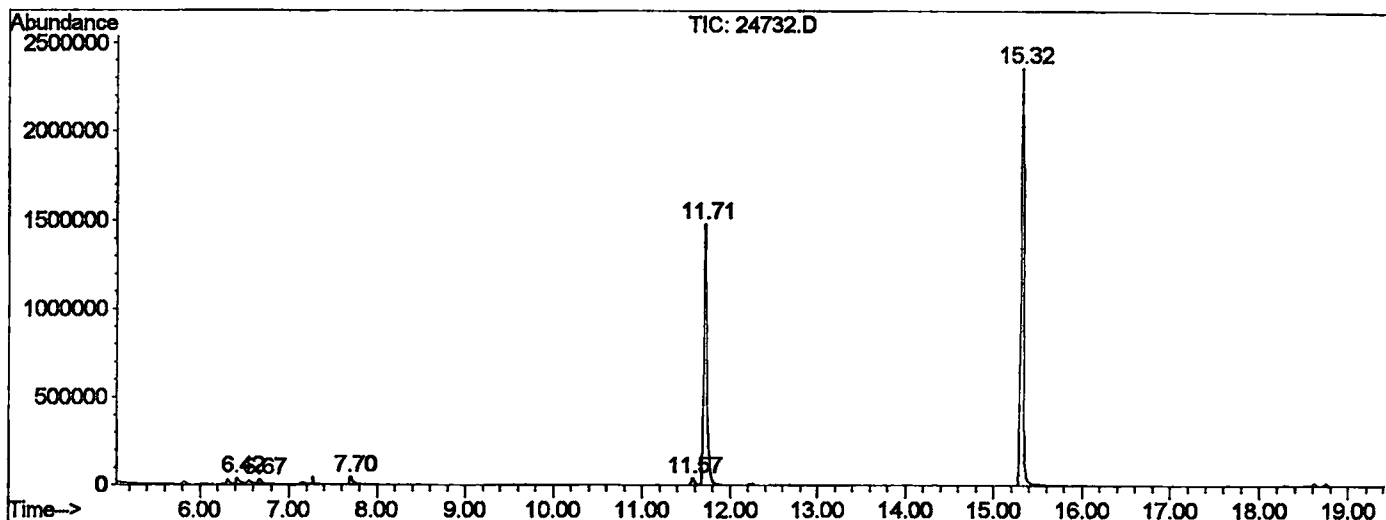
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.424	146	150	160	rVV	34937	97438	1.80%	0.341%
2	6.672	174	177	185	rVB	24878	54895	1.01%	0.192%
3	7.700	286	289	301	rBV	43756	122989	2.27%	0.430%
4	11.575	705	711	720	rBV	40557	99141	1.83%	0.347%
5	11.712	720	726	741	rBV	1481344	3676762	67.96%	12.856%
6	15.320	1113	1119	1137	rBV	2362545	4997849	92.38%	17.475%
7	20.599	1688	1694	1710	rBV	2534535	5410071	100.00%	18.916%
8	22.077	1850	1855	1862	rBV	25985	54165	1.00%	0.189%
9	25.024	2169	2176	2189	rBV2	2448514	5348872	98.87%	18.702%
10	33.066	3044	3052	3069	rBV2	2003622	4765316	88.08%	16.662%
11	37.169	3488	3499	3516	rBV	1345750	3972293	73.42%	13.889%

Sum of corrected areas: 28599791

24732.D NP103001.M Mon Nov 19 10:48:28 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0601\24732.D
 Operator : 209 GALOS
 Acquired : 6 Nov 2001 5:41 pm using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 6
 Quant File :NP103001.RES (RTE Integrator)



24732.D NP103001.M Mon Nov 19 10:48:30 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24732.D
Acq On : 6 Nov 2001 5:41 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

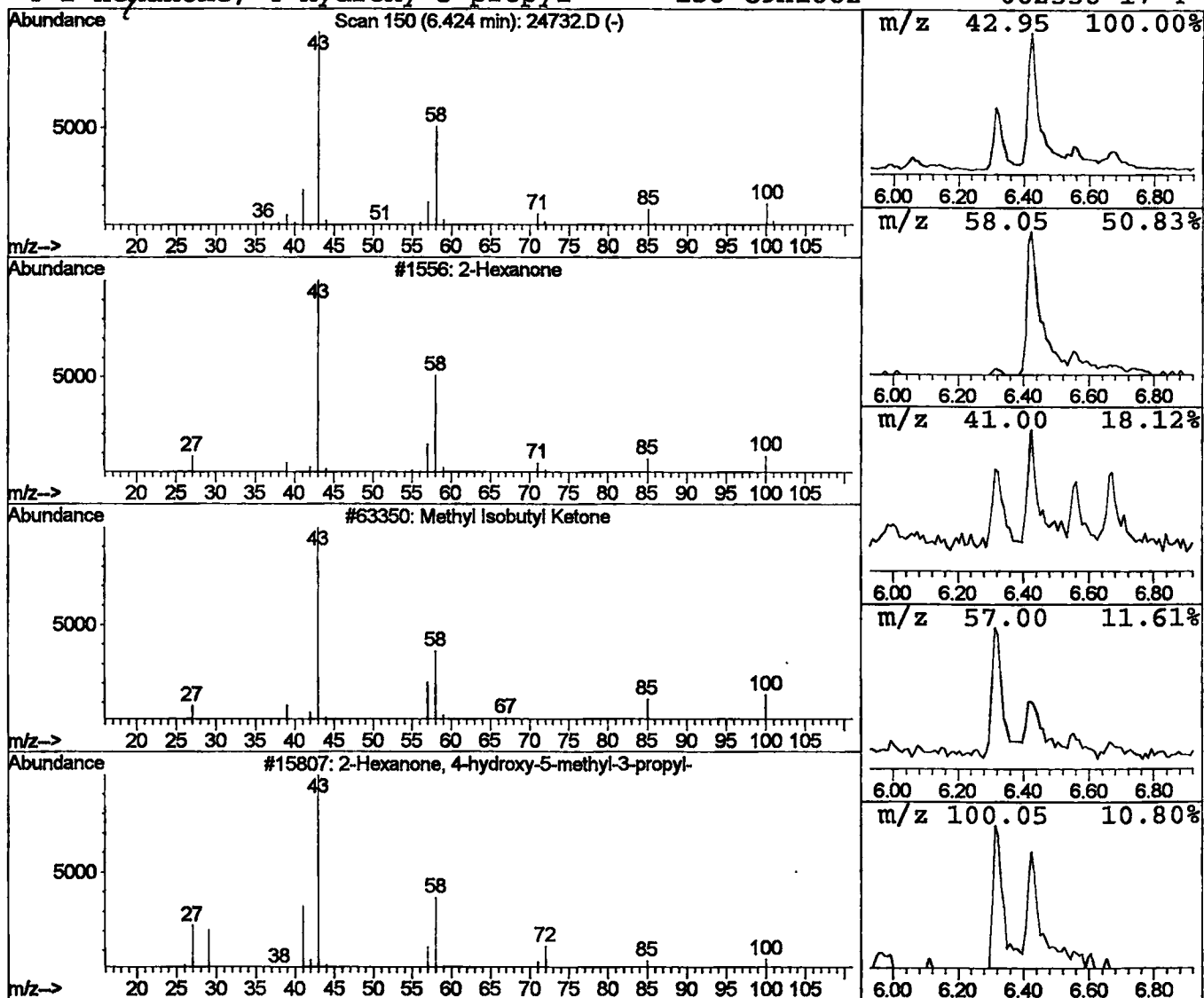
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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-Hexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.53 ug/l	97438	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	90
2			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	47
3			2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	43
4			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24732.D
 Acq On : 6 Nov 2001 5:41 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

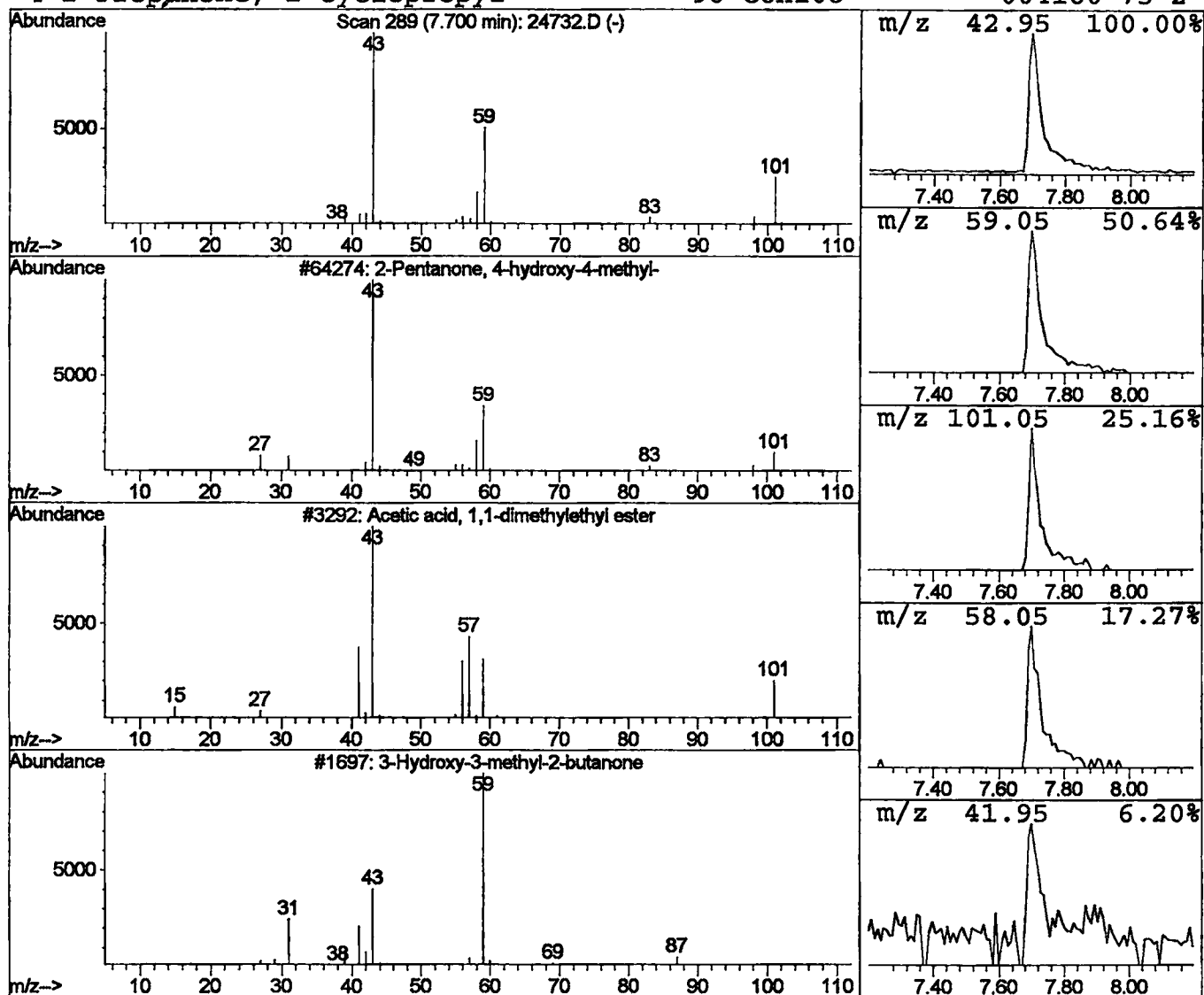
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	0.67 ug/l	122989	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	78
2			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4			2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24732.D
Acq On : 6 Nov 2001 5:41 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

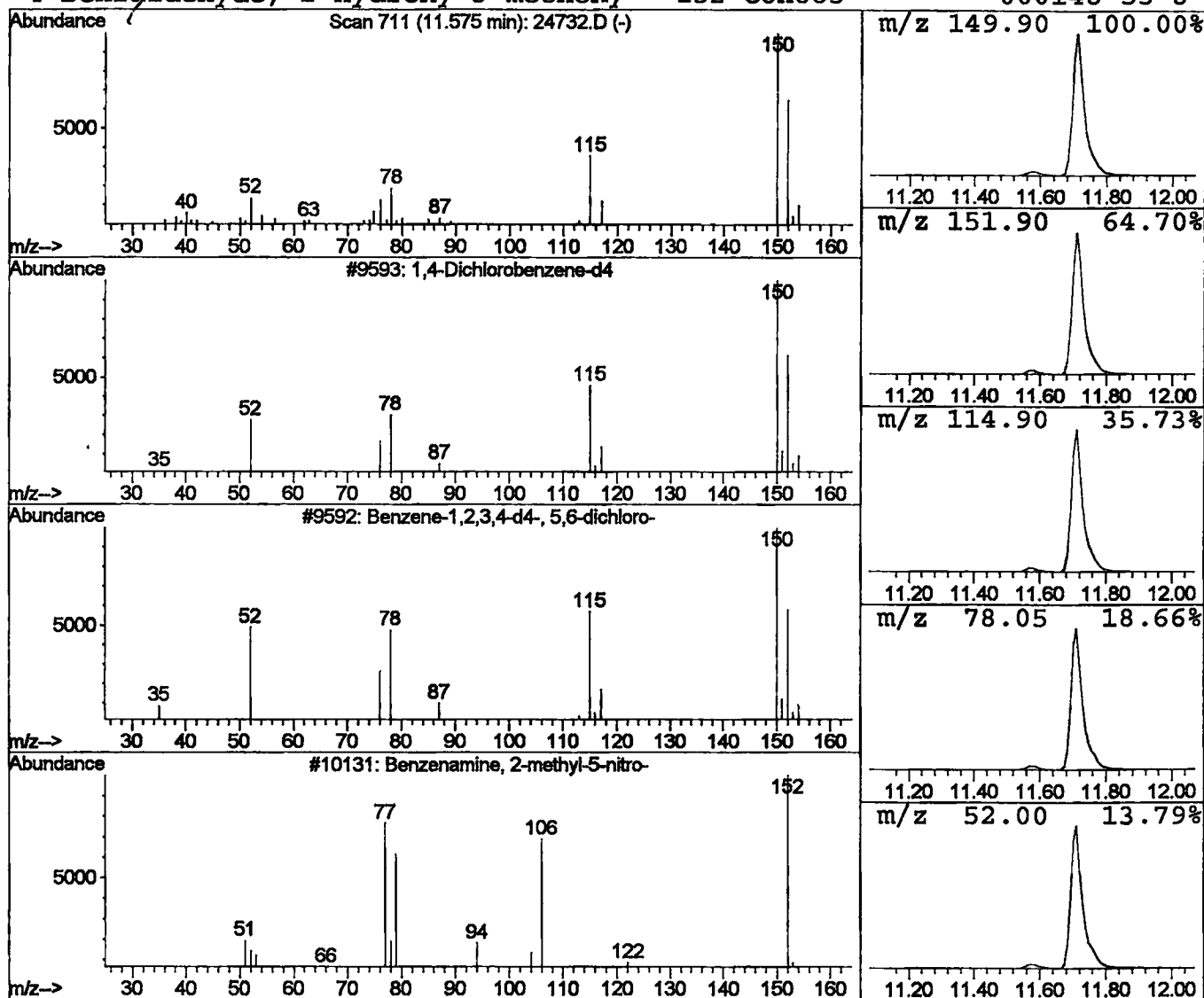
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.54 ug/l	99141	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	56
2			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	12
3			Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	10
4			Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 6 Nov 2001 5:41 pm
Data File: C:\HPCHEM\1\DATA\NOV0601\24732.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	0.5	ug/l	97438	ISTD01	11.71	3676760	20.0
2-Pentanone, 4-hydro	7.70	0.7	ug/l	122989	ISTD01	11.71	3676760	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	99141	ISTD01	11.71	3676760	20.0

24732.D NP103001.M Mon Nov 19 10:48:37 2001