

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 09:19:35

Sample: AD24488
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/13/01 09:18 Ended: 11/13/01 09:18 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24488 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-13-2001 Time: 09:19:40

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\NOV0501\24488.D

Vial: 6

Acq On : 5 Nov 2001 4:50 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 5 17:39 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	670112	20.00	ug/l	0.00
19) Naphthalene-d8	15.32	136	2574146	20.00	ug/l	0.00
31) Acenaphthene-d10	20.60	164	1306208	20.00	ug/l	0.00
49) Phenanthrene-d10	25.02	188	1963222	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1308532	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	909655	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	219	0.00	ug/l	0.48
Spiked Amount 75.000			Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.23	152	7662	0.25	ug/l	-0.02
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	2893	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

24488.D NP103001.M Wed Nov 07 12:54:32 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0501\24488.D

Acq On : 5 Nov 2001 4:50 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 5 17:39 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
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	20.95	165	392	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	25.03	178	587	N.D.		
56) Anthracene	25.03	178	587	N.D.		
57) Di-n-butylphthalate	27.03	149	2816	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	3108	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.34	149	1702	N.D.		
67) Chrysene	33.06	228	3108	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

24488.D NP103001.M Wed Nov 07 12:54:37 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0501\24488.D

Acq On : 5 Nov 2001 4:50 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 5 17:39 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	37.15	252	3218	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
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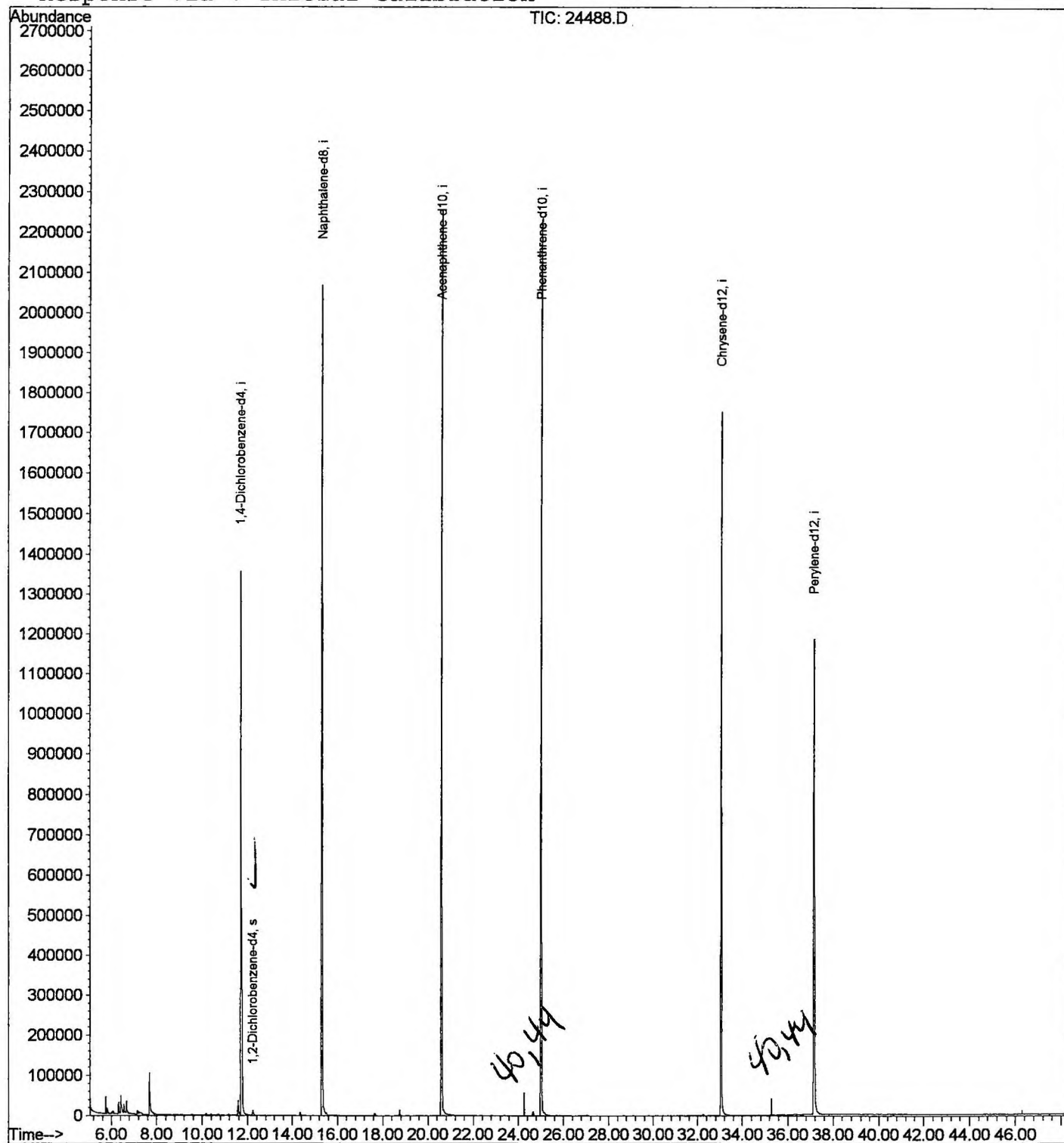
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24488.D
Acq On : 5 Nov 2001 4:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 5 17:39 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\NOV0501\24488.D
 Acq On : 5 Nov 2001 4:50 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

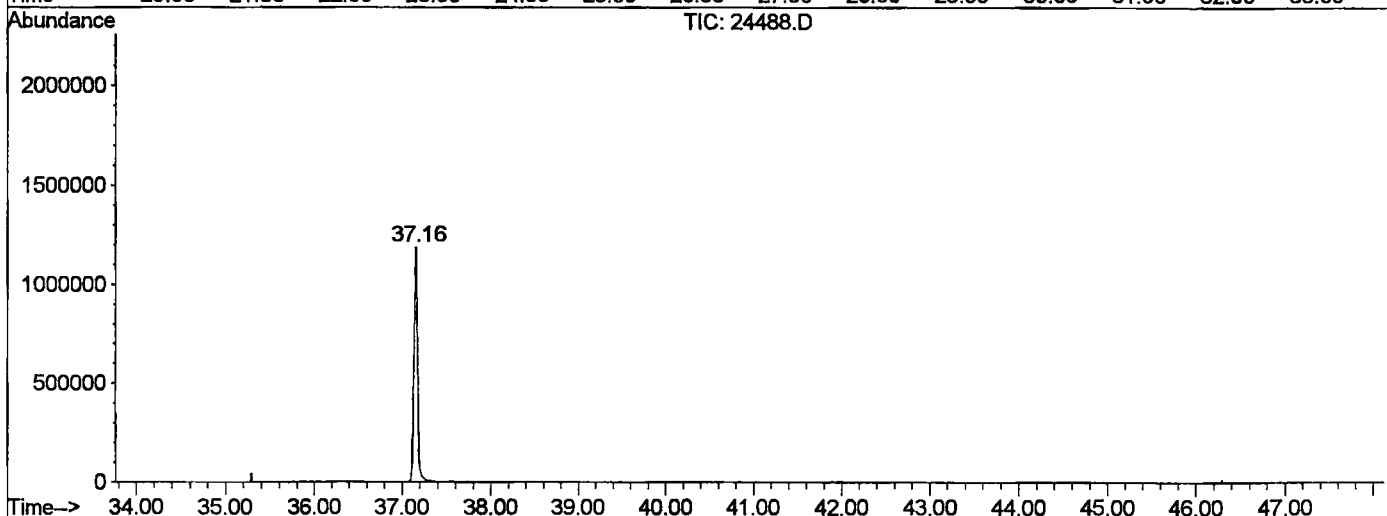
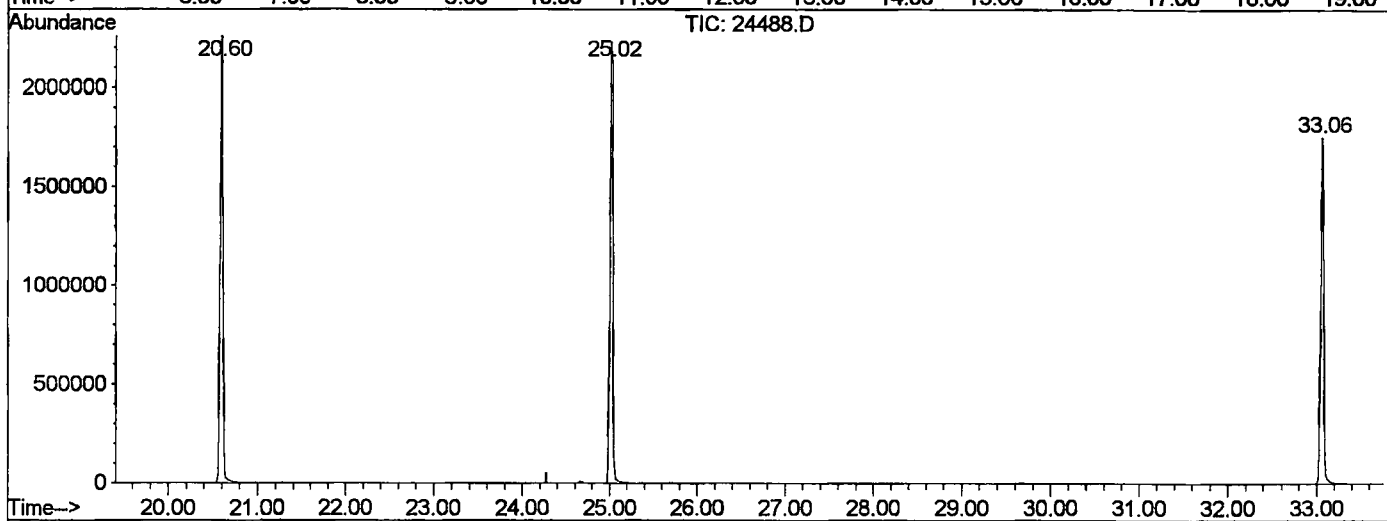
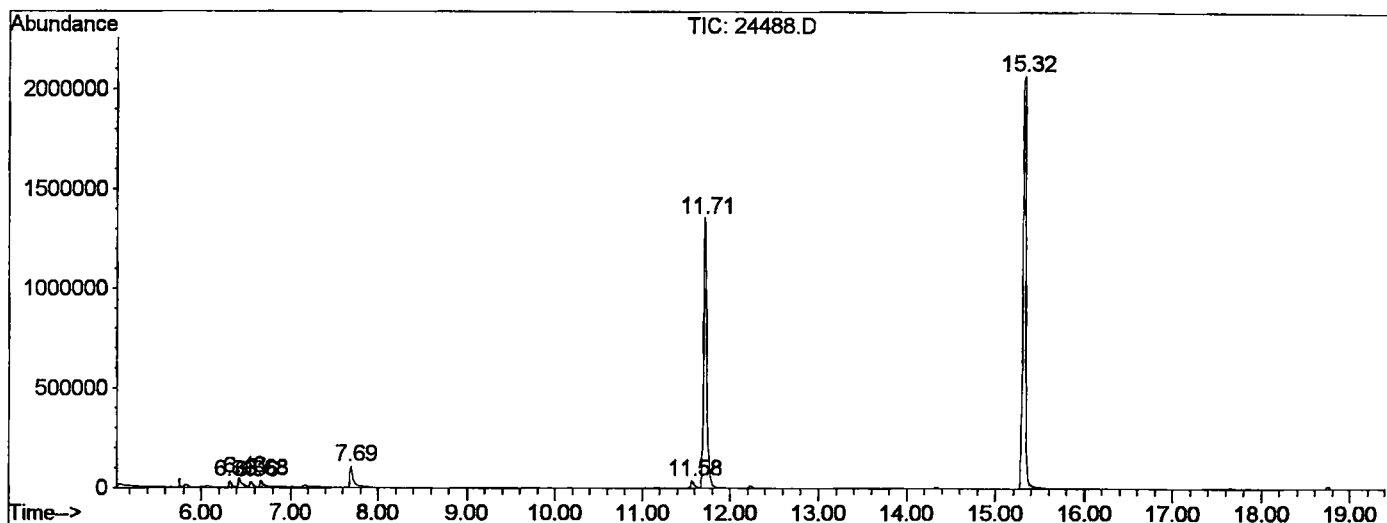
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.327 /	136	140	146	rBV	29727	59159	1.15%	0.225%
2	6.428 /	146	151	162	rVV	45347	123617	2.41%	0.471%
3	6.556 /	162	165	172	rVV	24666	58178	1.13%	0.222%
4	6.676 /	174	178	195	rVB	31349	83591	1.63%	0.318%
5	7.695 0	285	289	307	rBV	104584	286912	5.59%	1.093%
6	11.578 /	707	712	721	rBV	37274	92328	1.80%	0.352%
7	11.707 /	721	726	746	rVV	1355858	3446792	67.14%	13.128%
8	15.324 /	1113	1120	1136	rBV	2067896	4662543	90.83%	17.759%
9	20.602 /	1688	1695	1719	rBV	2257685	5133506	100.00%	19.552%
10	25.018 /	2170	2176	2190	rBV2	2227704	4942203	96.27%	18.824%
11	33.060 /	3045	3052	3072	rBV2	1751854	4104774	79.96%	15.634%
12	37.164 /	3490	3499	3513	rBV	1183813	3261441	63.53%	12.422%

Sum of corrected areas: 26255044

24488.D NP103001.M Fri Nov 09 12:11:05 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0501\24488.D
 Operator : 209 GALOS
 Acquired : 5 Nov 2001 4:50 pm using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 6
 Quant File :NP103001.RES (RTE Integrator)



24488.D NP103001.M Fri Nov 09 12:11:09 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24488.D
Acq On : 5 Nov 2001 4:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

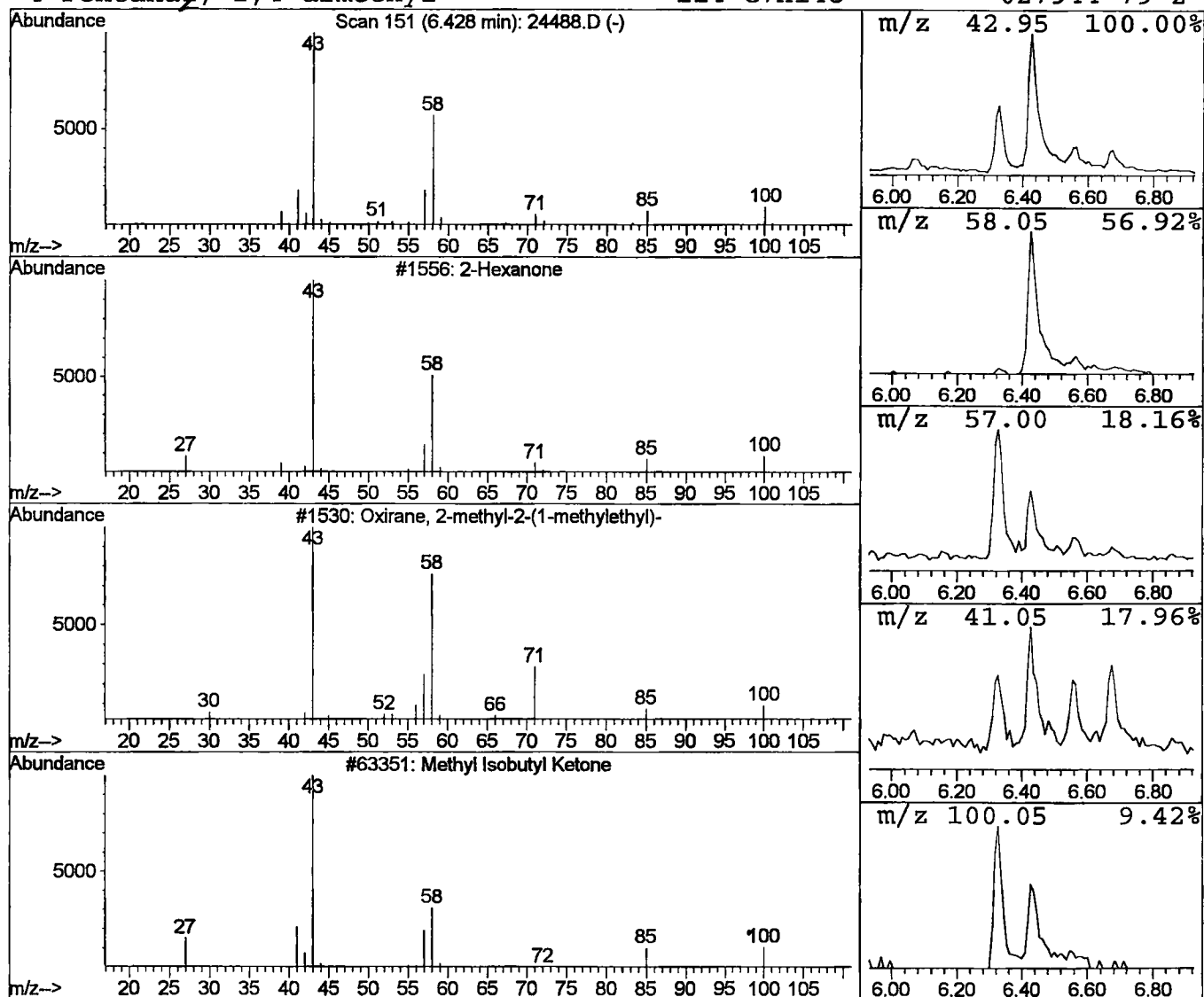
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	0.72 ug/l	123617	1,4-Dichlorobenzene-d4	11.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	91
2			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	78
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4			Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24488.D
Acq On : 5 Nov 2001 4:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

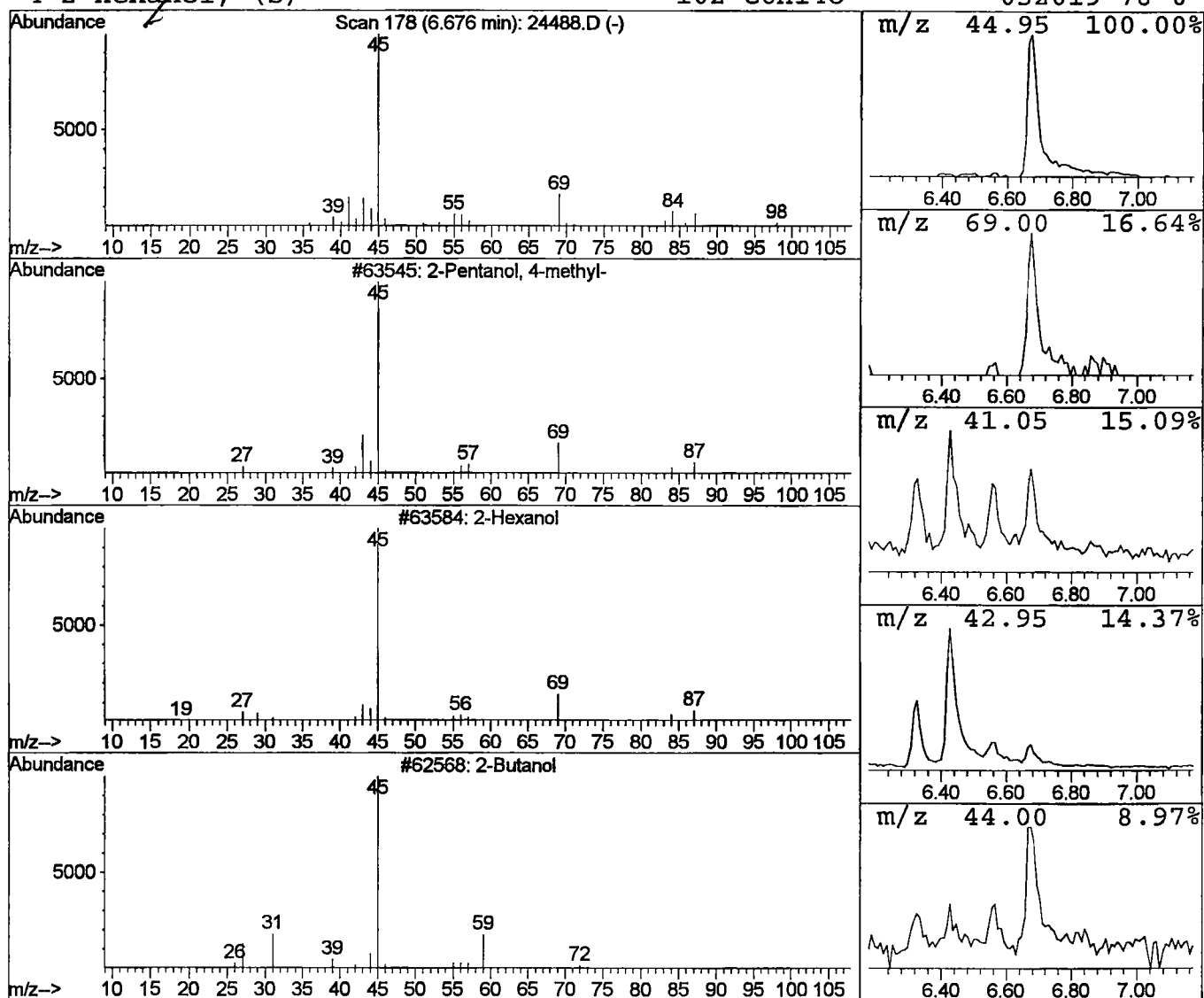
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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-Pentanol, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	0.49 ug/l	83591	1,4-Dichlorobenzene-d4	11.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
2			2-Hexanol	102	C6H14O	000626-93-7	78
3			2-Butanol	74	C4H10O	000078-92-2	45
4			2-Hexanol, (S)-	102	C6H14O	052019-78-0	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24488.D
Acq On : 5 Nov 2001 4:50 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

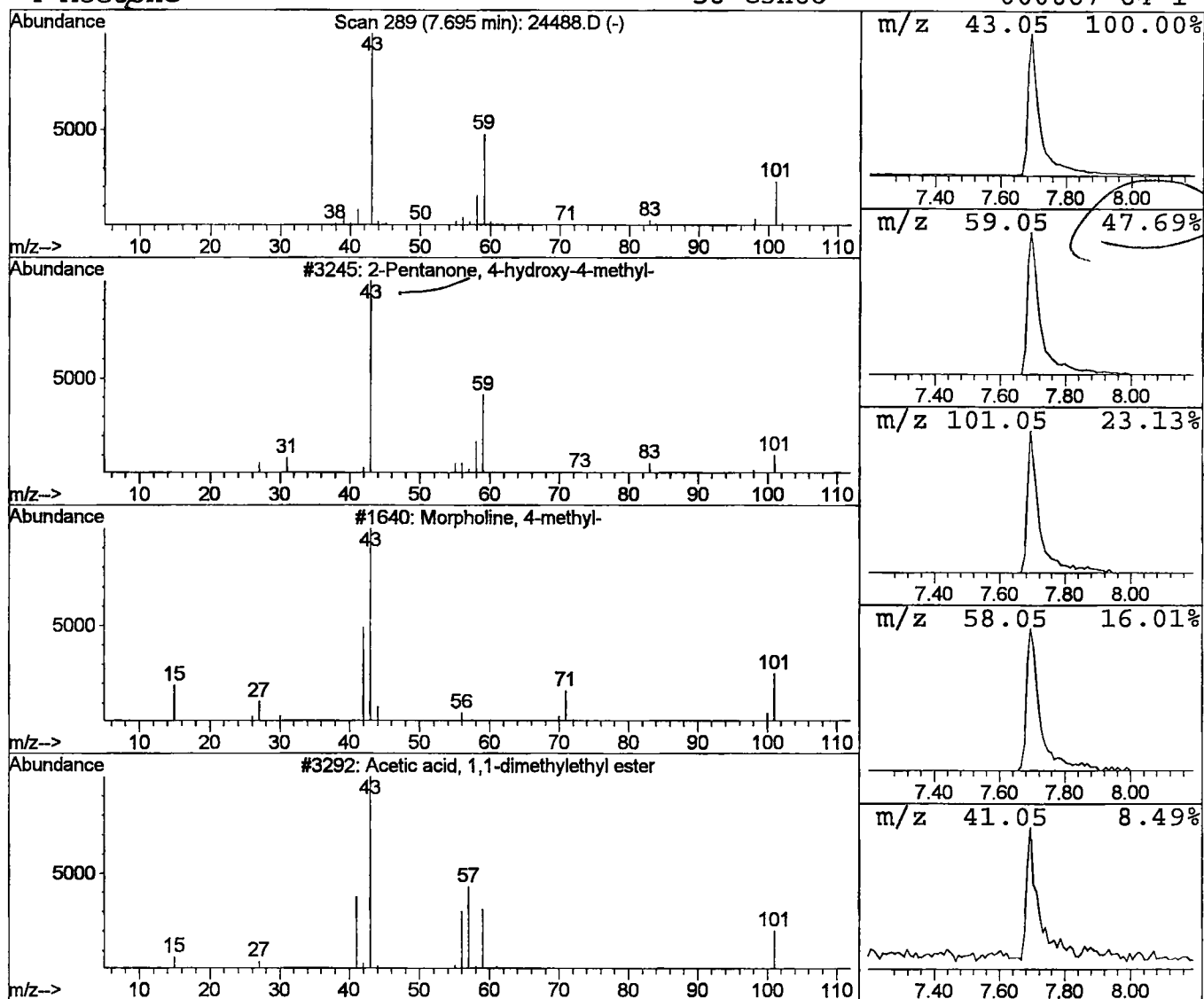
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.66 ug/l	286912	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	39
2			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
4			Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

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 Acq On : 5 Nov 2001 4:50 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

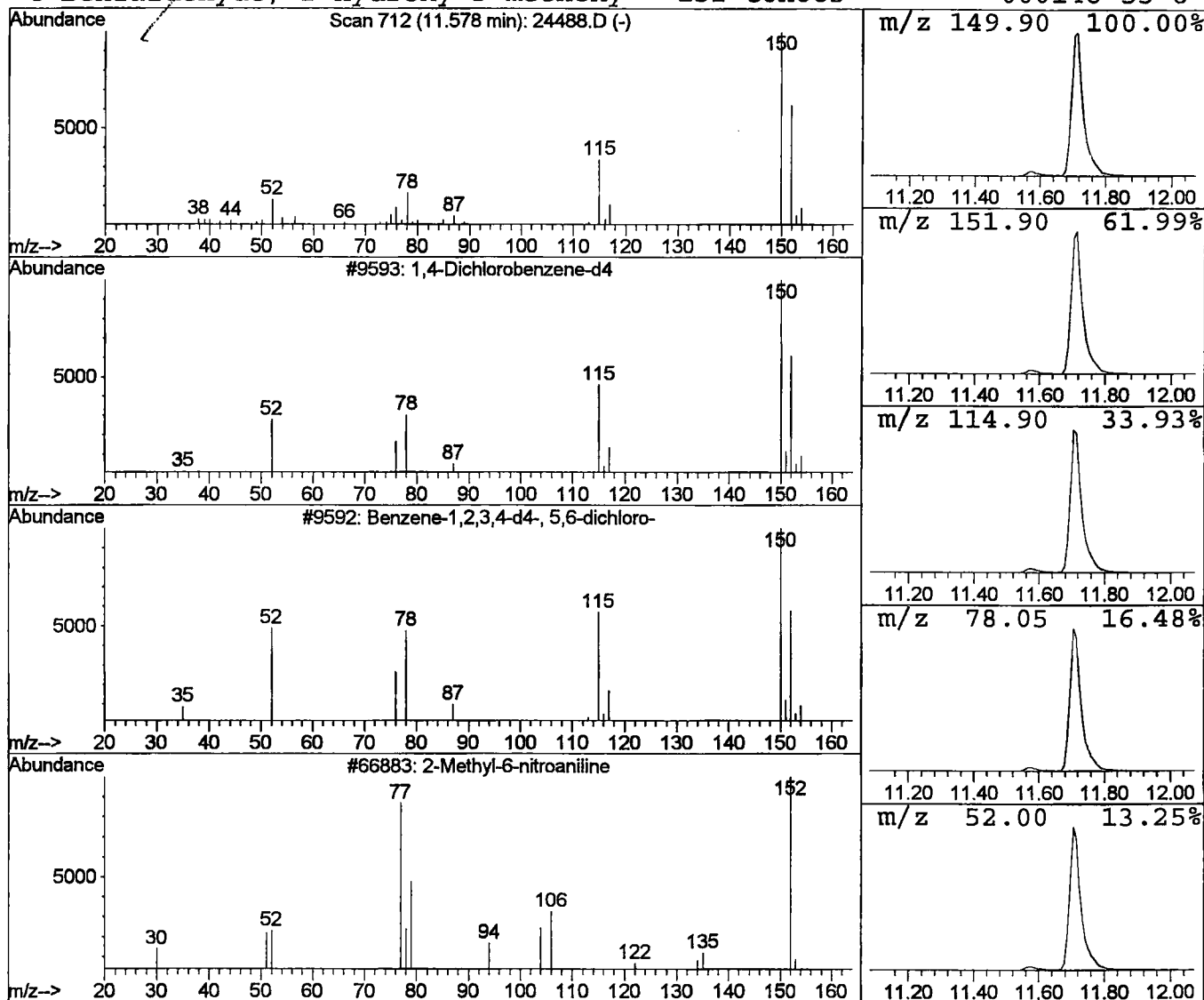
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.54 ug/l	92328	1,4-Dichlorobenzene-d4	11.72

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	16
3			2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10
4			Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Nov 2001 4:50 pm
Data File: C:\HPCHEM\1\DATA\NOV0501\24488.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	6.43	0.7	ug/l	123617	ISTD01	11.72	3446790	20.0
2- Pentanol , 4-methyl	6.68	0.5	ug/l	83591	ISTD01	11.72	3446790	20.0
2- Pentanone , 4-hydro	7.69	1.7	ug/l	286912	ISTD01	11.72	3446790	20.0
1,4- Dichlorobenzene	11.58	0.5	ug/l	92328	ISTD01	11.72	3446790	20.0

24488.D NP103001.M Fri Nov 09 12:11:18 2001