

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 09:14:43

Sample: AD24487
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/13/01 09:10 Ended: 11/13/01 09:10 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24487 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-13-2001 Time: 09:18:19

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\24487.D
 Acq On : 5 Nov 2001 3:51 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 5 16:40 2001

Vial: 5
 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	635084	20.00	ug/l	-0.02
19) Naphthalene-d8	15.32	136	2448356	20.00	ug/l	0.00
31) Acenaphthene-d10	20.60	164	1241155	20.00	ug/l	0.00
49) Phenanthrene-d10	25.03	188	1903227	20.00	ug/l	0.00
59) Chrysene-d12	33.06	240	1367687	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	1010314	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	429	0.01	ug/l	0.47
Spiked Amount 75.000			Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	6516	0.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	0.46%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.75	172	2636	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	5.12	79	183	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)

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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	20.62	153	104	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	20.91	165	379	N.D.		
45) Diethylphthalate	22.11	149	198	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	661	N.D.		
56) Anthracene	25.03	178	661	N.D.		
57) Di-n-butylphthalate	27.03	149	3400	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	3001	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	2953	N.D.		
67) Chrysene	33.06	228	3001	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0501\24487.D
Acq On : 5 Nov 2001 3:51 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 5 16:40 2001

Vial: 5
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	3978	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
24487.D NP103001.M Wed Nov 07 12:51:15 2001

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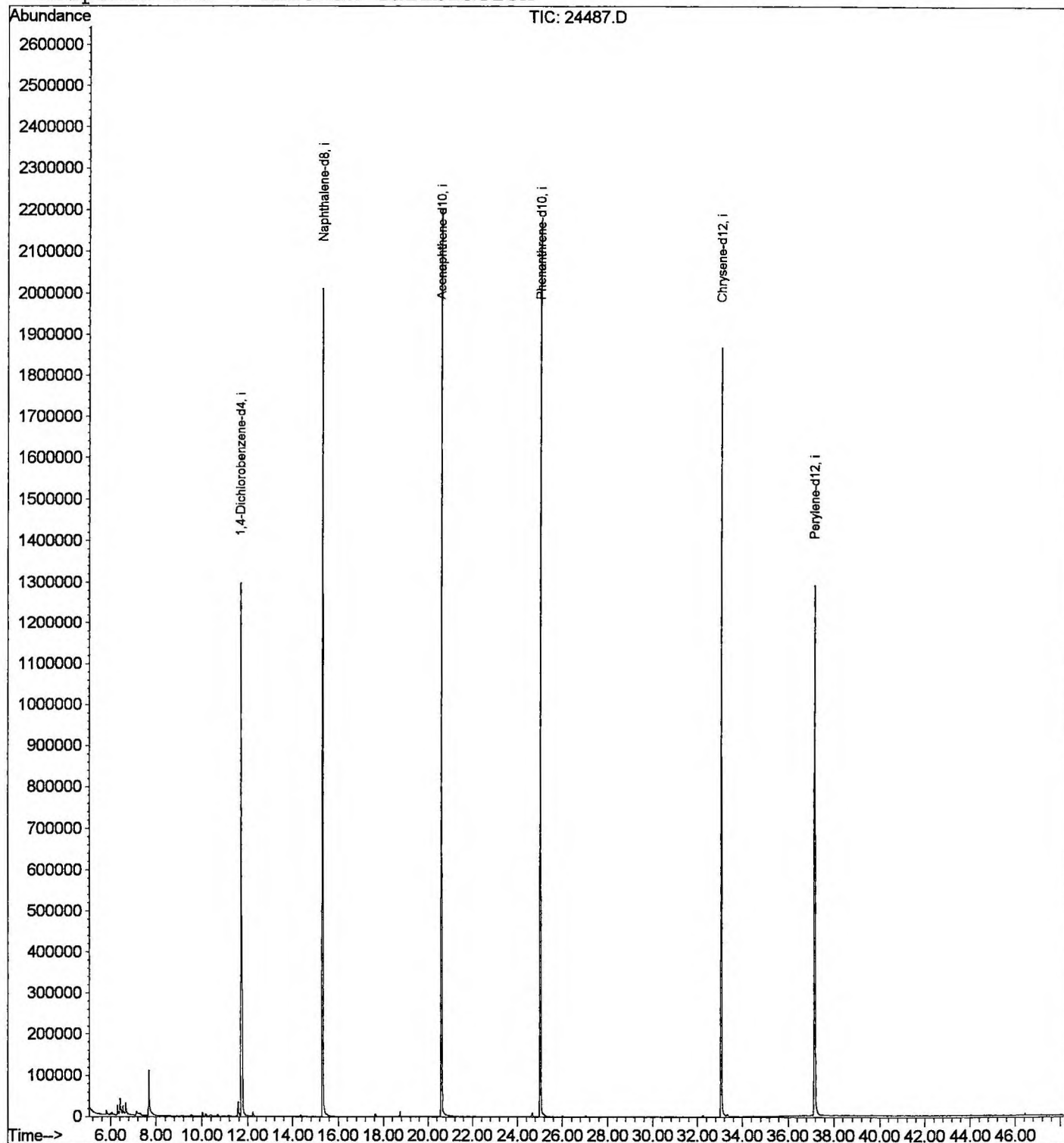
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24487.D
Acq On : 5 Nov 2001 3:51 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 5 16:40 2001

Vial: 5
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



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Wed Nov 07 12:51:20 2001

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24487.D

Acq On : 5 Nov 2001 3:51 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 5

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

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	6.309\	134	138	145	rBV	25530	55247	1.13%	0.212%
2	6.419\	146	150	161	rVV	39610	113452	2.32%	0.436%
3	6.547\	161	164	173	rVV	21617	56400	1.15%	0.217%
4	6.667\	173	177	188	rVB	28541	68375	1.40%	0.263%
5	7.6860	284	288	306	rBV	109697	300023	6.14%	1.152%
6	11.578\	706	712	721	rBV	35229	92237	1.89%	0.354%
7	11.707\	721	726	743	rBV	1298083	3299485	67.52%	12.671%
8	15.324\	1113	1120	1138	rBV	2011686	4449223	91.05%	17.087%
9	20.603\	1688	1695	1712	rBV	2203612	4886492	100.00%	18.766%
10	25.027\	2170	2177	2188	rBV2	2174235	4790763	98.04%	18.398%
11	33.060\	3045	3052	3067	rBV2	1866631	4287234	87.74%	16.464%
12	37.164\	3490	3499	3516	rBV2	1289400	3640392	74.50%	13.980%

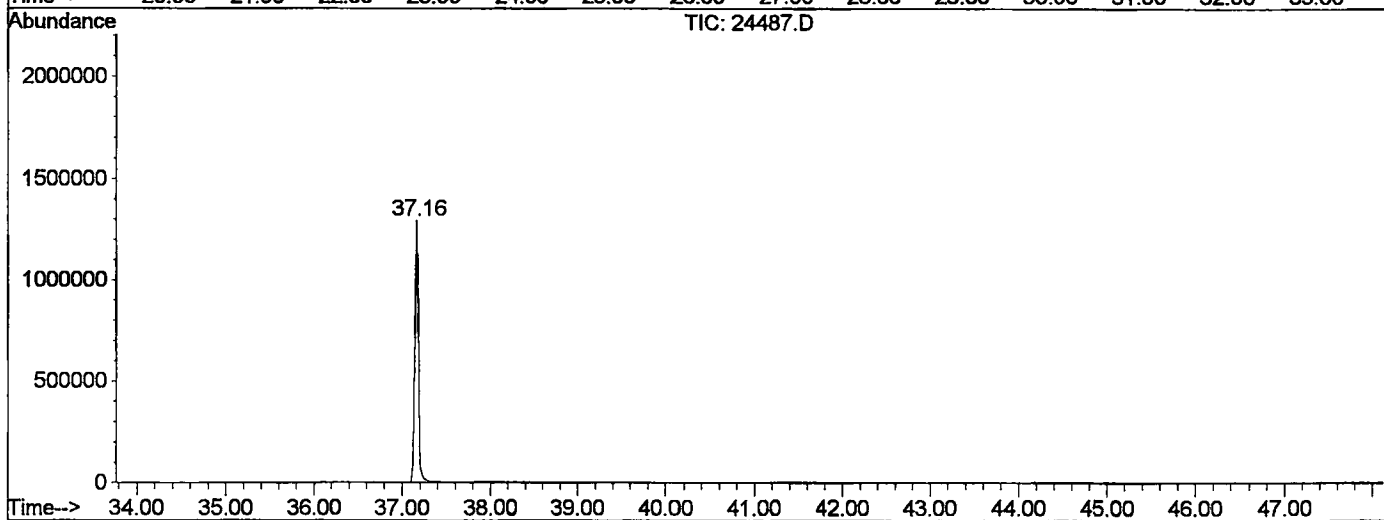
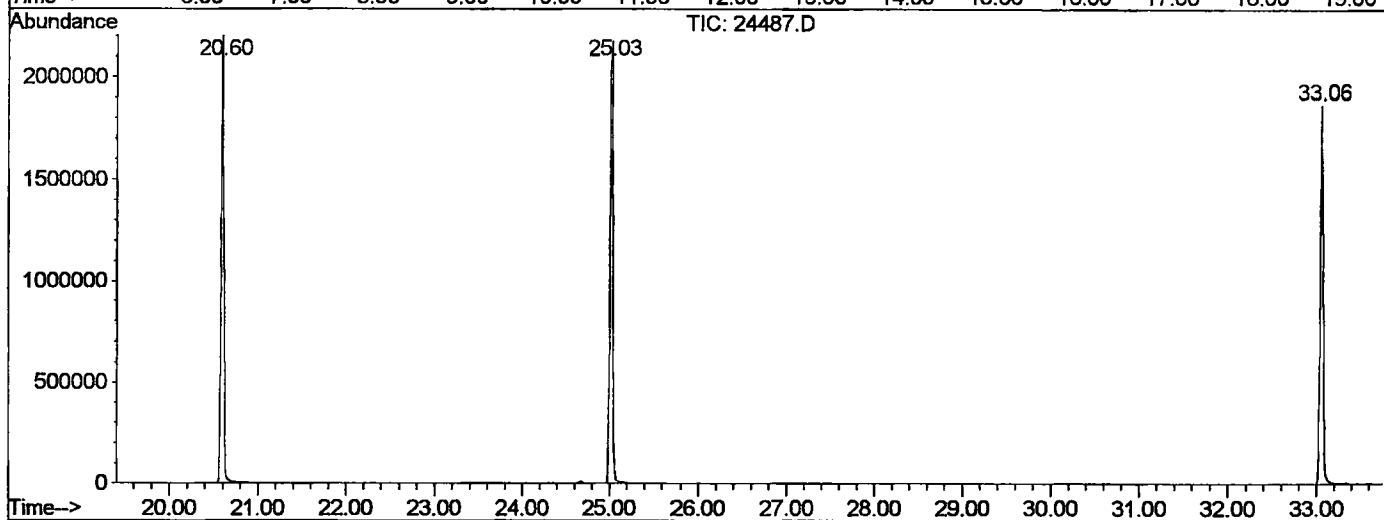
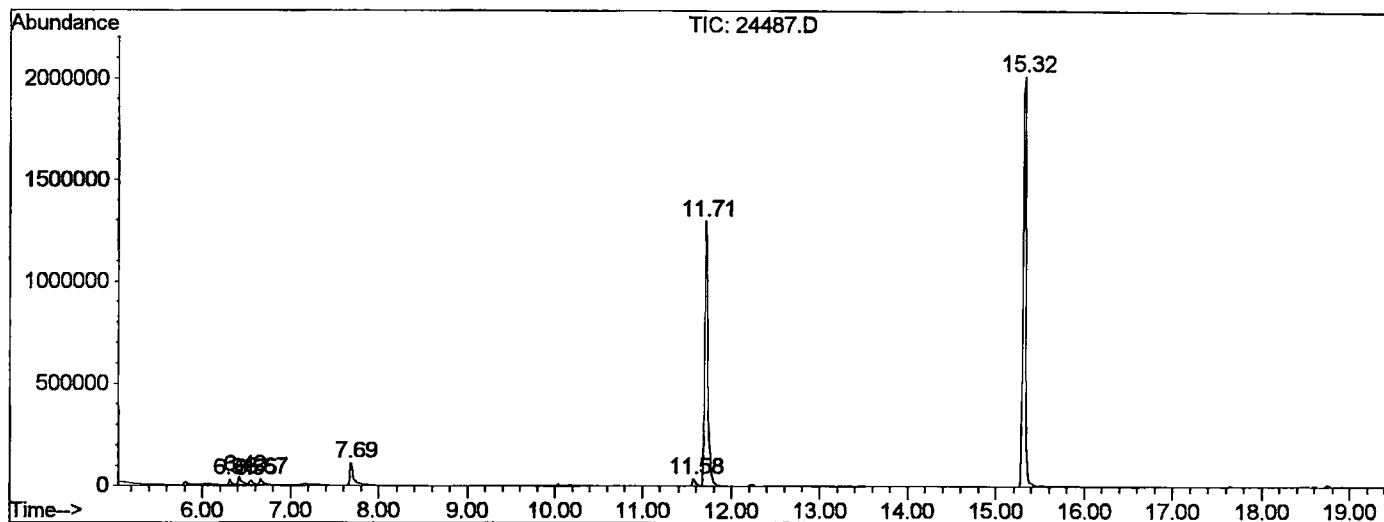
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24487.D NP103001.M

Fri Nov 09 12:00:30 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0501\24487.D
Operator : 209 GALOS
Acquired : 5 Nov 2001 3:51 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 5
Quant File :NP103001.RES (RTE Integrator)



24487.D NP103001.M Fri Nov 09 12:00:33 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24487.D
 Acq On : 5 Nov 2001 3:51 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

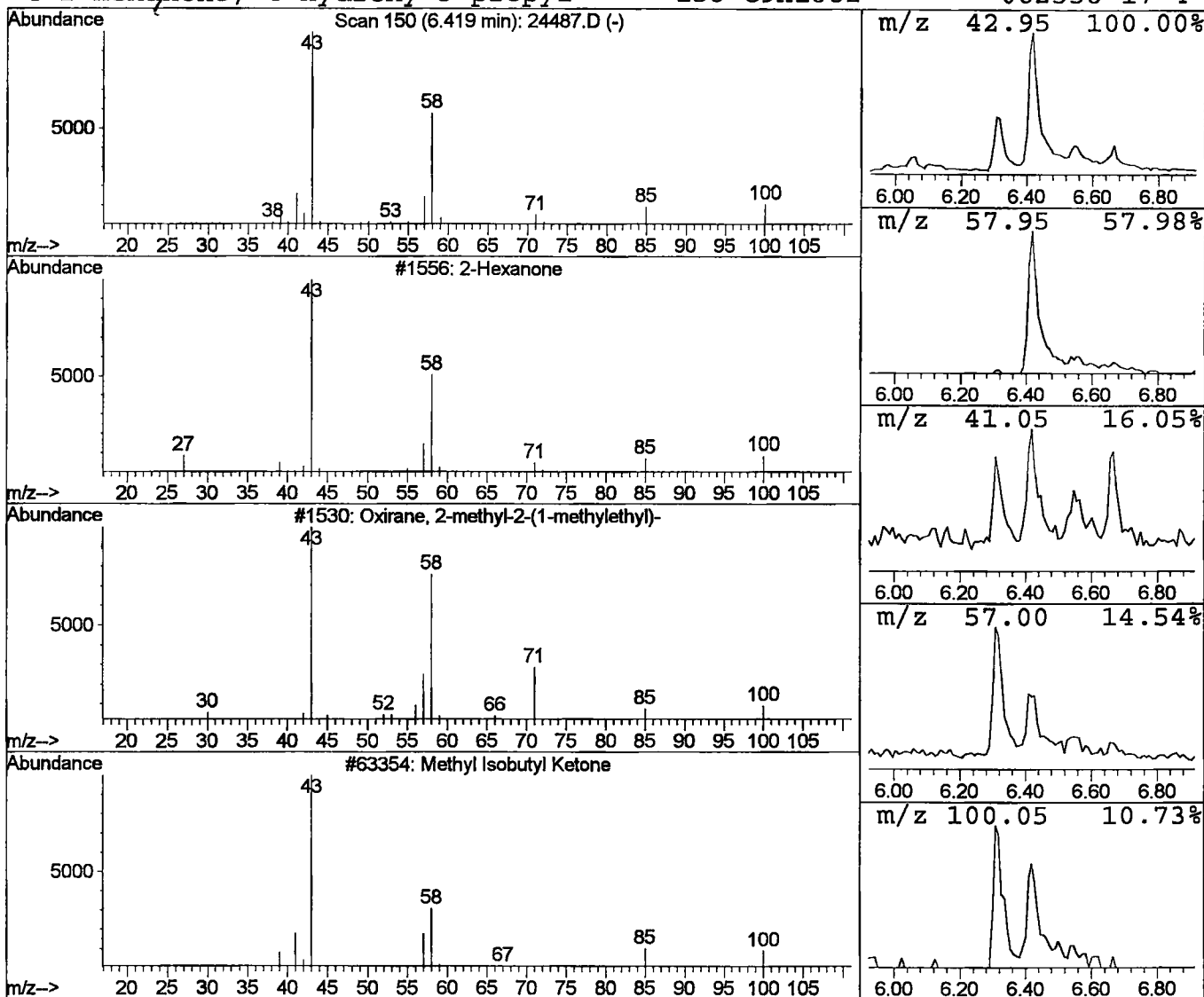
Vial: 5
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.69 ug/l	113452	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			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	64
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24487.D
Acq On : 5 Nov 2001 3:51 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

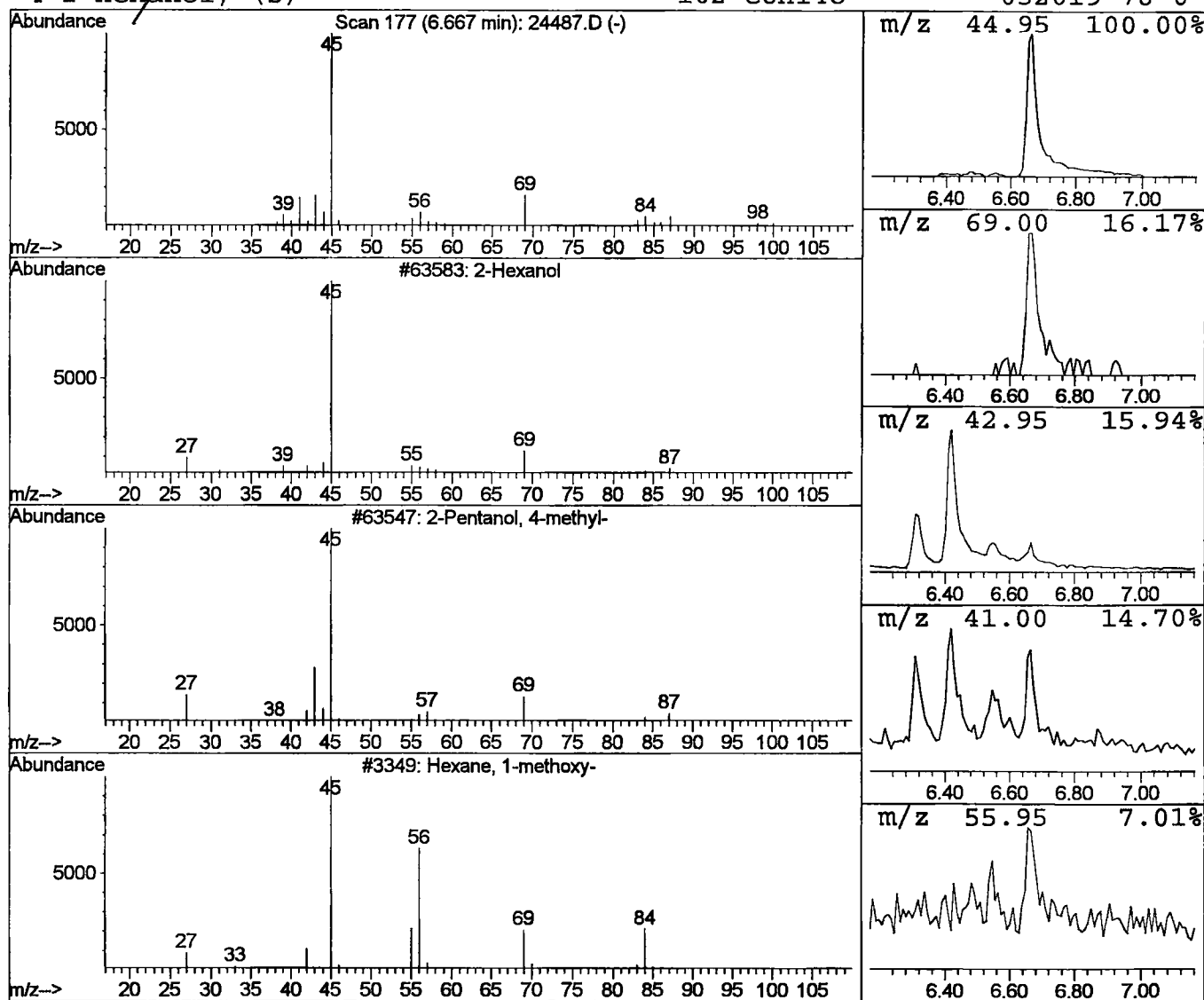
Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	0.41 ug/l	68375	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanol	102	C6H14O	000626-93-7	78
2			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
3			Hexane 1-methoxy-	116	C7H16O	004747-07-3	40
4			2-Hexanol, (S)-	102	C6H14O	052019-78-0	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24487.D

Acq On : 5 Nov 2001 3:51 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 5

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)

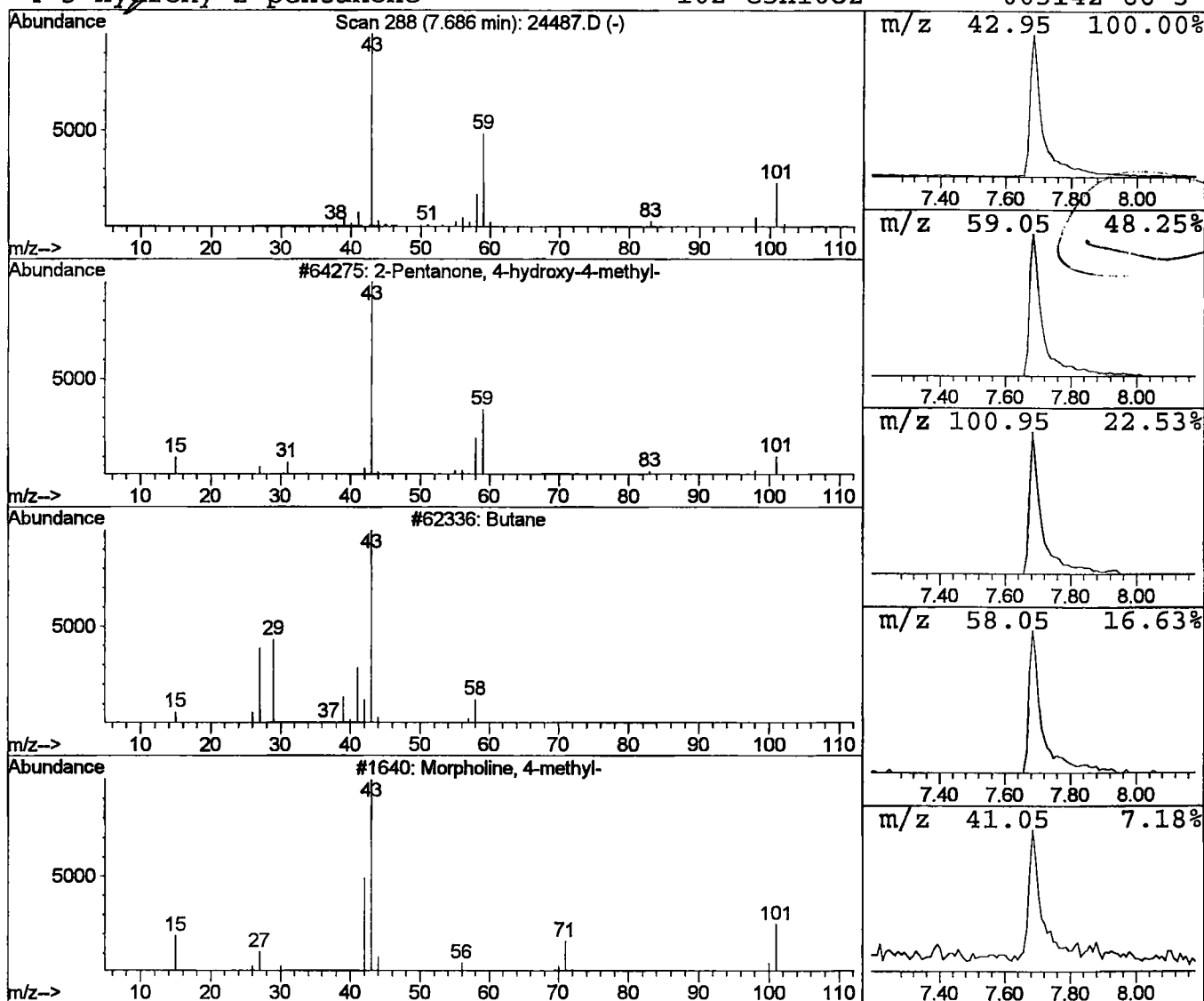
Title : 209 625/TCLP calibration table

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	1.82 ug/l	300023	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	38
2			Butane	58	C4H10	000106-97-8	9
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

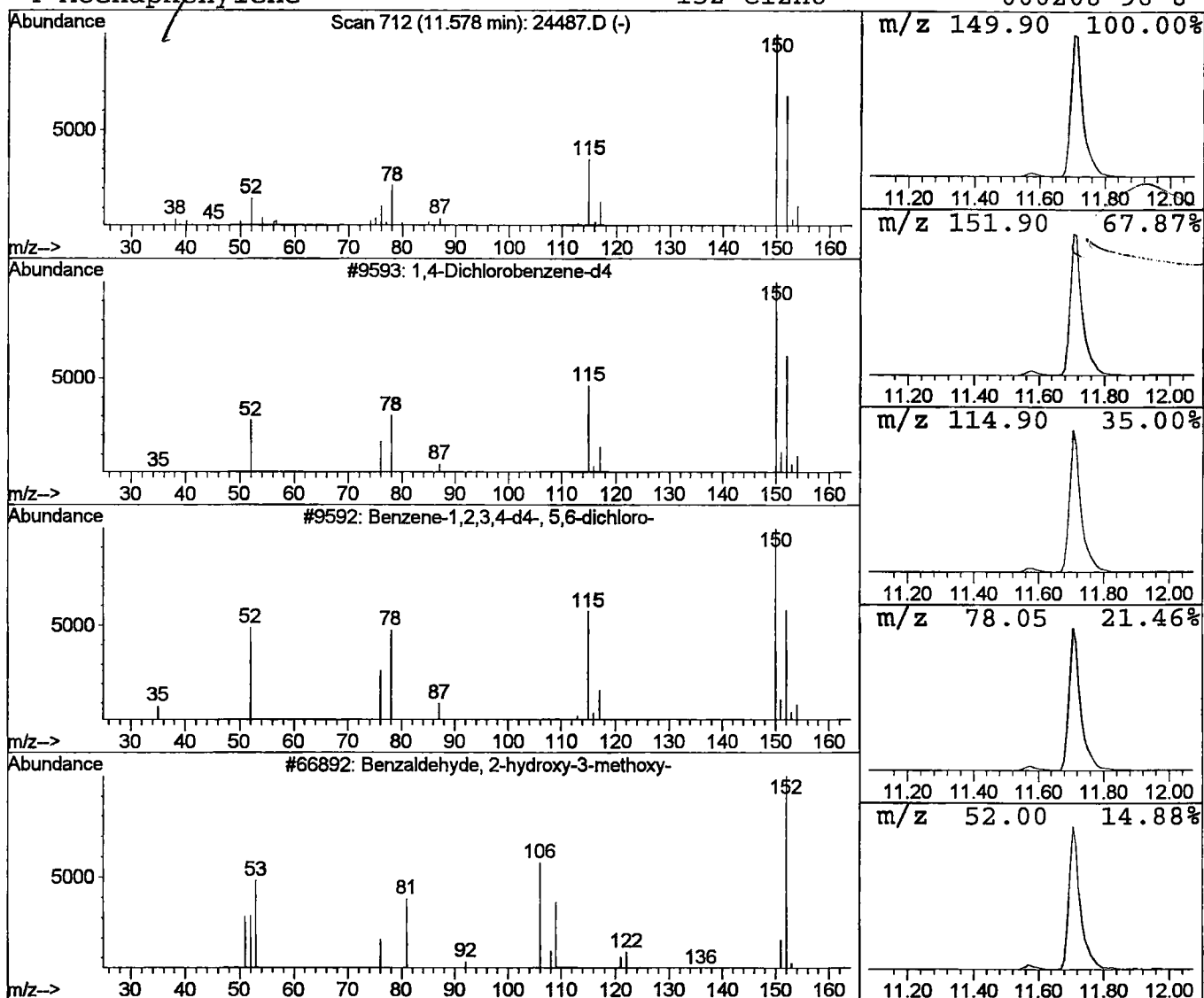
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 MS Integration Params: LSCINT.P

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 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	0.56 ug/l	92237	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	53
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	25
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Acenaphthylene	152	C12H8	000208-96-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Nov 2001 3:51 pm
Data File: C:\HPCHEM\1\DATA\NOV0501\24487.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	0.7	ug/l	113452	ISTD01	11.71	3299490	20.0
2-Hexanol	6.67	0.4	ug/l	68375	ISTD01	11.71	3299490	20.0
2-Pentanone, 4-hydro	7.69	1.8	ug/l	300023	ISTD01	11.71	3299490	20.0
1,4-Dichlorobenzene-	11.58	0.6	ug/l	92237	ISTD01	11.71	3299490	20.0

24487.D NP103001.M Fri Nov 09 12:00:44 2001