

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/09/2001 Time: 11:38:17

Sample: AD24473
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/9/01 11:37 Ended: 11/9/01 11:37 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24473 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-09-2001 Time: 11:38:22

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\24473.D
 Acq On : 3 Nov 2001 6:35 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 3 7:24 2001

Vial: 17
 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	11.72	152	505333	20.00	ug/l	0.00
19) Naphthalene-d8	15.31	136	1972618	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.59	164	956935	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	1421125	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1020588	20.00	ug/l	0.00
68) Perylene-d12	37.15	264	737523	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	185	0.01	ug/l	0.48
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.24	152	5170	0.23	ug/l	0.00
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	2210	0.04	ug/l	0.13
Spiked Amount	50.000		Recovery	=	0.08%	
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

24473.D NP103001.M Fri Nov 09 15:10:11 2001

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Vial: 17
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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	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	343	N.D.		
56) Anthracene	25.02	178	343	N.D.		
57) Di-n-butylphthalate	27.03	149	3053	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	2686	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	1831	N.D.		
67) Chrysene	33.06	228	2686	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

24473.D NP103001.M Fri Nov 09 15:10:17 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0201\24473.D

Vial: 17

Acq On : 3 Nov 2001 6:35 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 3 7:24 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	37.15	252	2659		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

24473.D NP103001.M Fri Nov 09 15:10:18 2001

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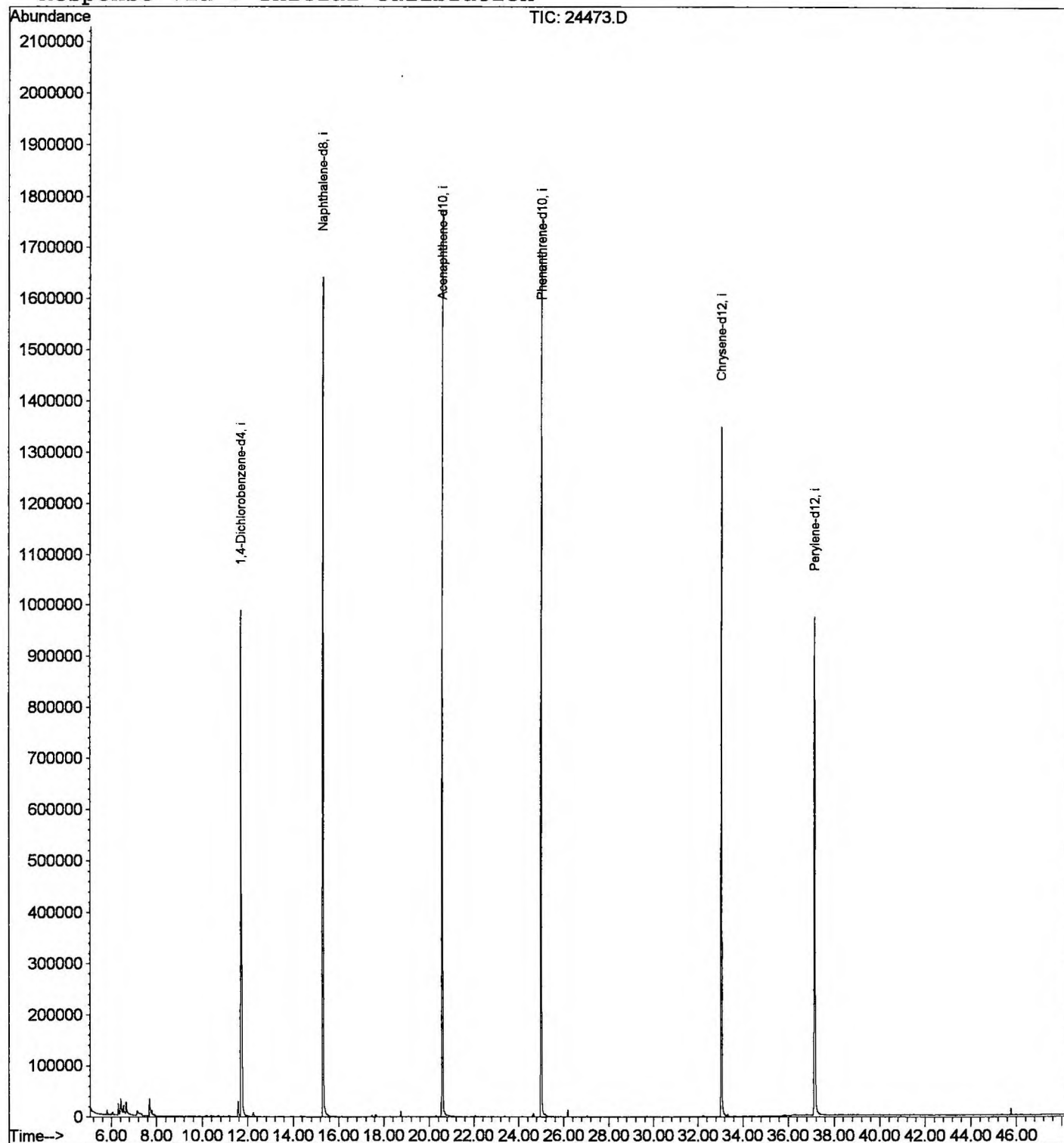
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24473.D
Acq On : 3 Nov 2001 6:35 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 3 7:24 2001

Vial: 17
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\24473.D

Acq On : 3 Nov 2001 6:35 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 17

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	6.308	134	138	143	rBV	22639	43568	1.16%	0.217%
2	6.409	146	149	158	rVV	32999	93711	2.49%	0.467%
3	6.547	160	164	171	rVV2	18265	51052	1.35%	0.254%
4	6.657	173	176	191	rVB	24422	62010	1.64%	0.309%
5	7.694	286	289	299	rBV	34705	104878	2.78%	0.522%
6	11.578	707	712	721	rBV	29221	68081	1.81%	0.339%
7	11.715	721	727	750	rVV	987941	2683152	71.17%	13.367%
8	15.314	1114	1119	1133	rBV	1641060	3600060	95.50%	17.935%
9	20.593	1688	1694	1710	rBV	1773960	3769815	100.00%	18.780%
10	25.018	2169	2176	2189	rBV	1688879	3605610	95.64%	17.962%
11	33.050	3045	3051	3074	rBV2	1349519	3271741	86.79%	16.299%
12	37.154	3489	3498	3513	rBV2	974569	2719373	72.14%	13.547%

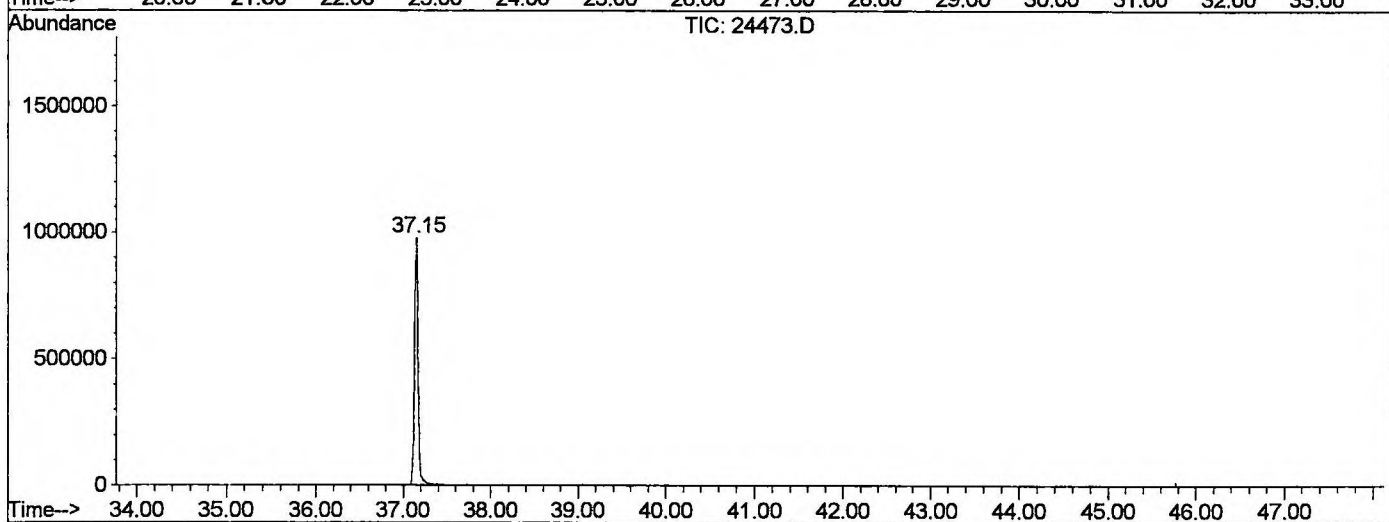
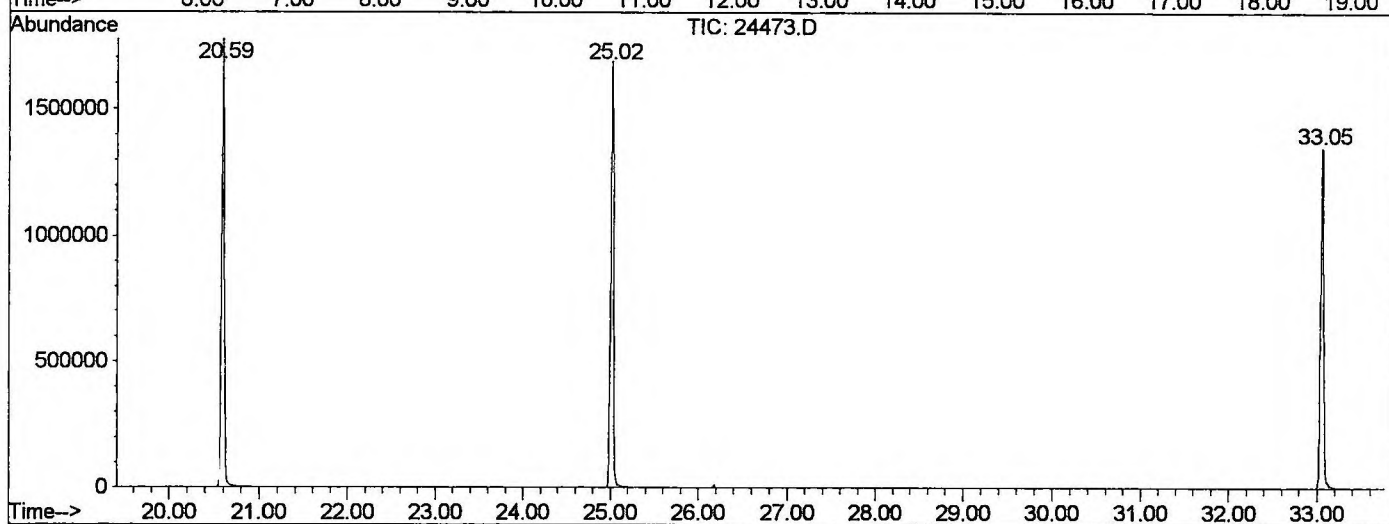
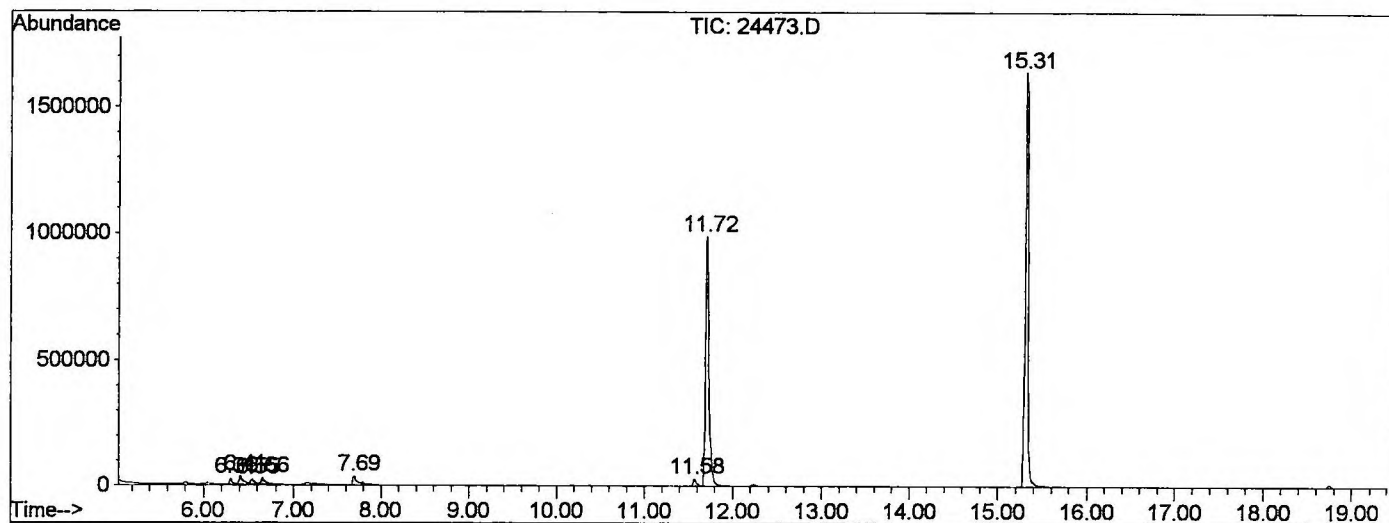
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24473.D NP103001.M

Tue Nov 13 11:53:27 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0201\24473.D
 Operator : 209 GALOS
 Acquired : 3 Nov 2001 6:35 am using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 17
 Quant File :NP103001.RES (RTE Integrator)



24473.D NP103001.M Tue Nov 13 11:53:33 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24473.D
 Acq On : 3 Nov 2001 6:35 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

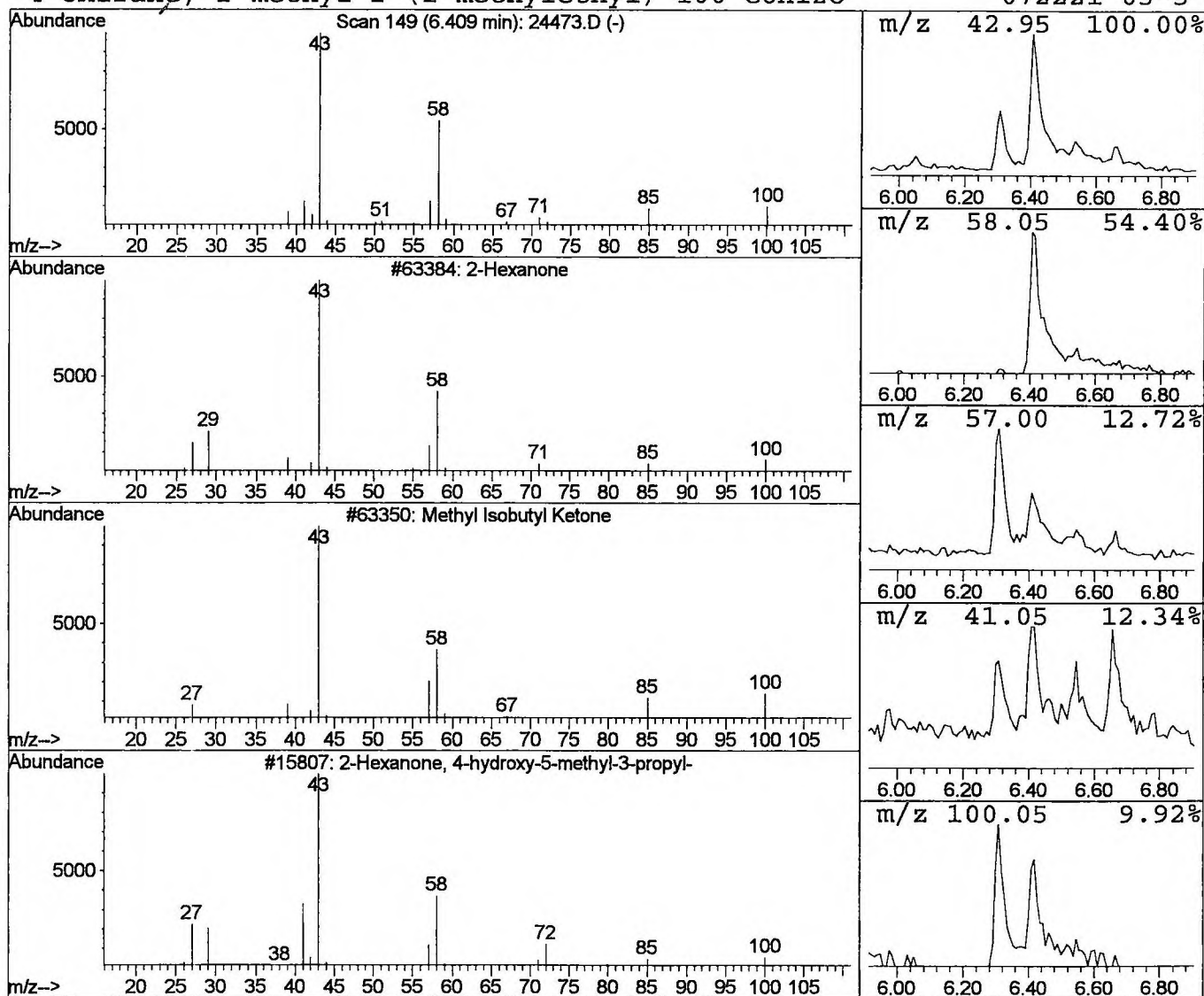
Vial: 17
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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.
6.41	0.70 ug/l	93711	1,4-Dichlorobenzene-d4	11.72

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	49
3			2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	45
4			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24473.D
Acq On : 3 Nov 2001 6:35 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

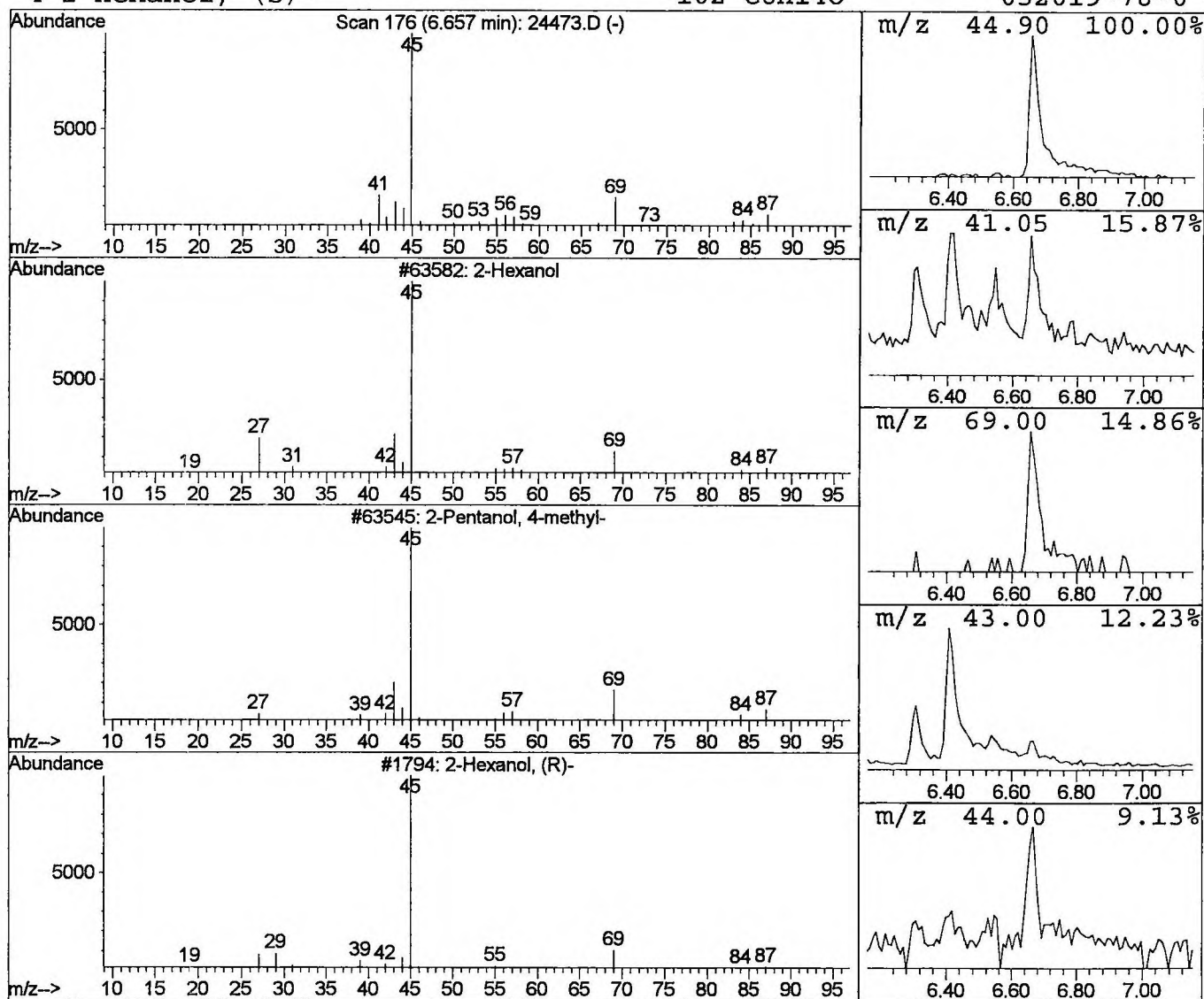
Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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.
6.66	0.46 ug/l	62010	1,4-Dichlorobenzene-d4	11.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanol	102	C6H14O	000626-93-7	83
2			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3			2-Hexanol, (R)-	102	C6H14O	026549-24-6	64
4			2-Hexanol, (S)-	102	C6H14O	052019-78-0	43



Library Search Compound Report

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Acq On : 3 Nov 2001 6:35 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

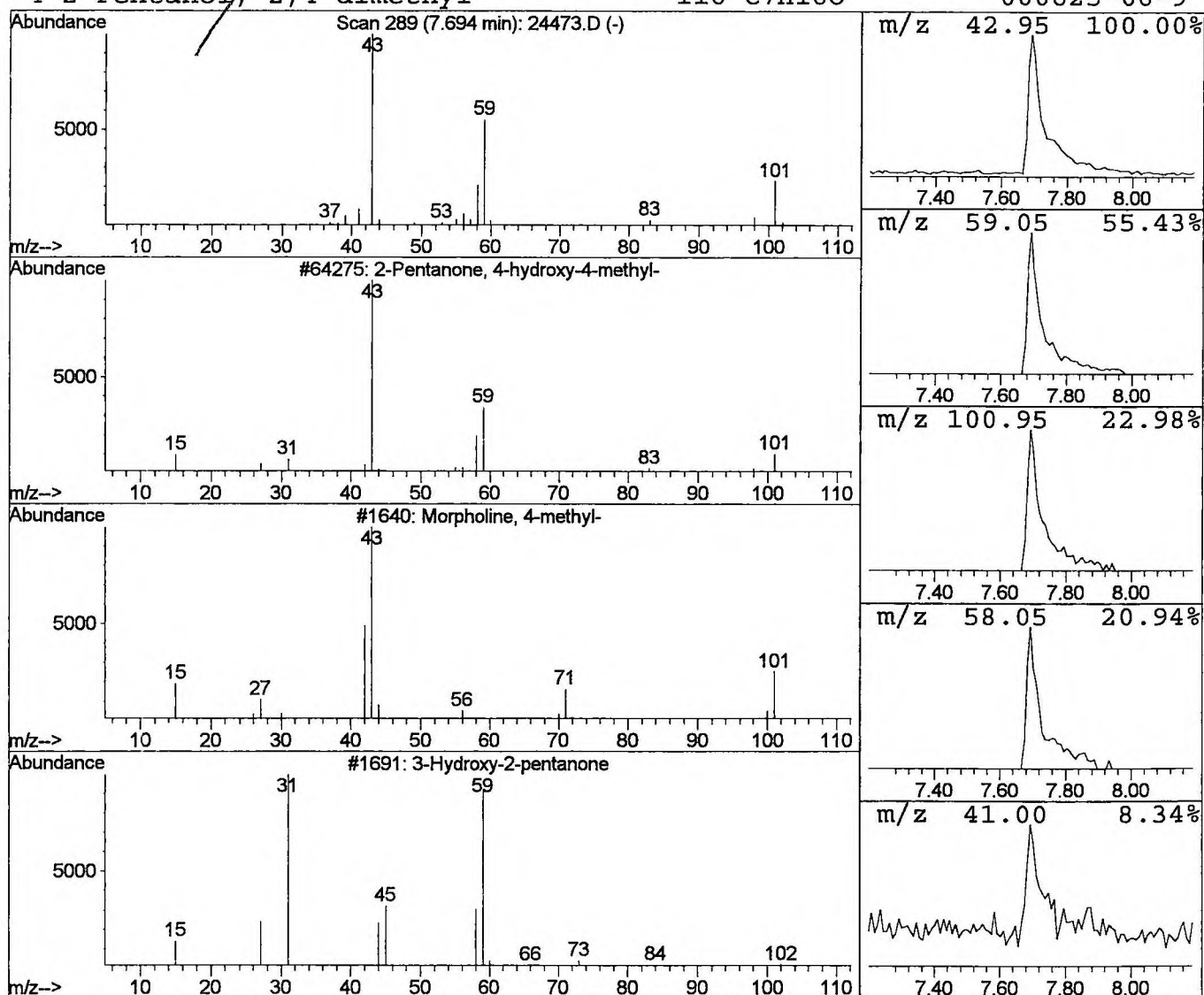
Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
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Peak Number 3 2-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	0.78 ug/l	104878	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	40
2			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9



Library Search Compound Report

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 Misc :
 MS Integration Params: LSCINT.P

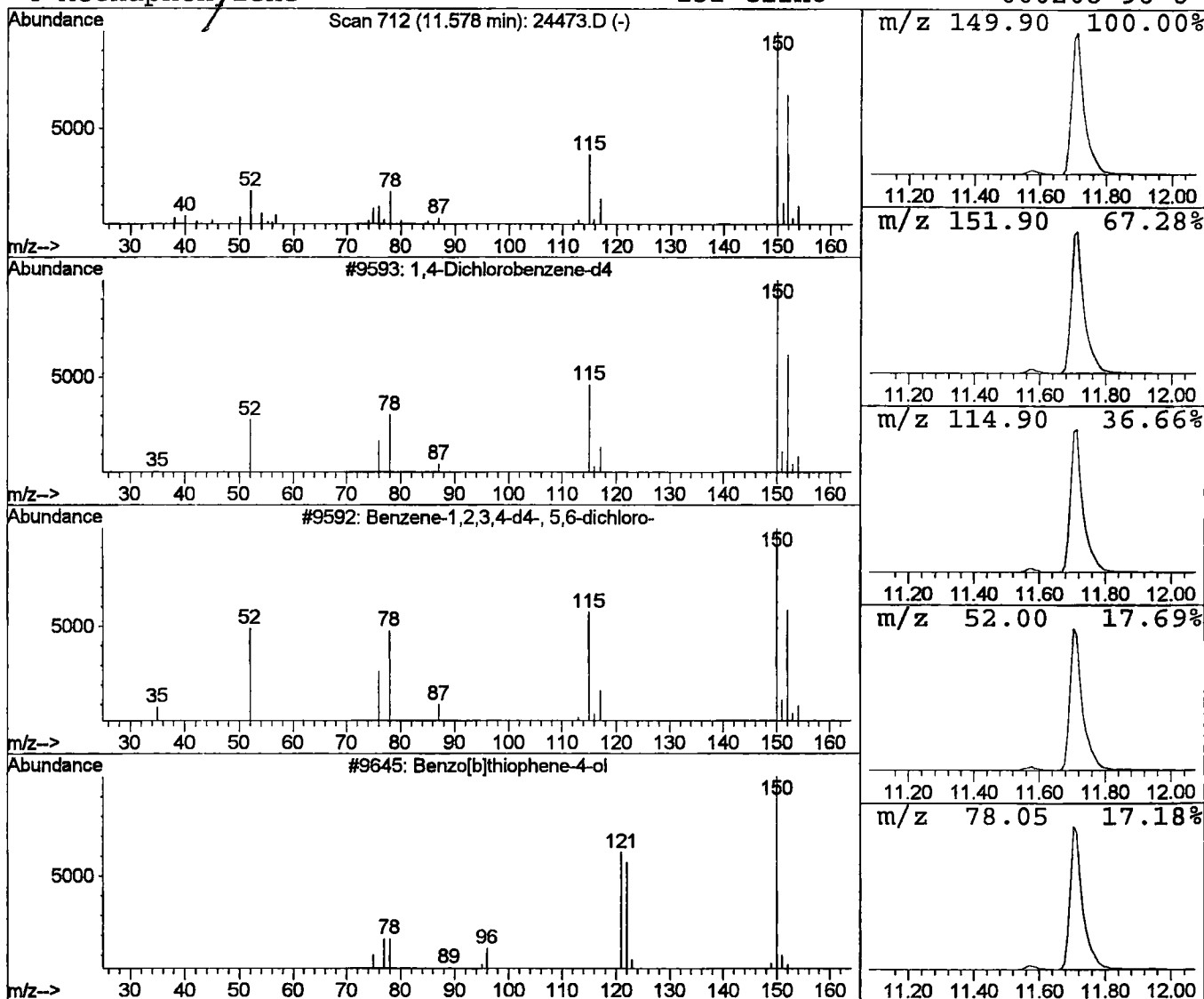
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 Inst : GC/MS 209
 Multiplr: 1.00

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	0.51 ug/l	68081	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	53
2			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	27
3			Benzo[b]thiophene-4-ol	150	C8H6OS	003610-02-4	23
4			Acenaphthylene	152	C12H8	000208-96-8	14



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 3 Nov 2001 6:35 am
Data File: C:\HPCHEM\1\DATA\NOV0201\24473.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	6.41	0.7	ug/l	93711	ISTD01	11.72	2683150	20.0
2-Hexanol	6.66	0.5	ug/l	62010	ISTD01	11.72	2683150	20.0
2-Pentanone, 4-hydro	7.69	0.8	ug/l	104878	ISTD01	11.72	2683150	20.0
1,4-Dichlorobenzene-	11.58	0.5	ug/l	68081	ISTD01	11.72	2683150	20.0

24473.D NP103001.M Tue Nov 13 11:54:05 2001