

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 09:34:15

Sample: AD24492
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/13/01 09:33 Ended: 11/13/01 09:33 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24492 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-13-2001 Time: 09:34:20

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\24492.D
 Acq On : 5 Nov 2001 6:48 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 5 19:36 2001

Vial: 8
 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	701327	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2688266	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1345806	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.02	188	2059616	20.00	ug/l	-0.01
59) Chrysene-d12	33.06	240	1393799	20.00	ug/l	0.00
68) Perylene-d12	37.17	264	1001269	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	384	0.01	ug/l	0.48
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	8199	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	18.75	172	2664	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

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 Quant Time: Nov 5 19:36 2001

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 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	21.02	165	102	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	550	N.D.		
56) Anthracene	25.02	178	550	N.D.		
57) Di-n-butylphthalate	27.03	149	3466	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	3291	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	2293	N.D.		
67) Chrysene	33.06	228	3291	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
 24492.D NP103001.M Wed Nov 07 12:57:18 2001

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0501\24492.D Vial: 8
Acq On : 5 Nov 2001 6:48 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 19:36 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	37.17	252	4170	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.		

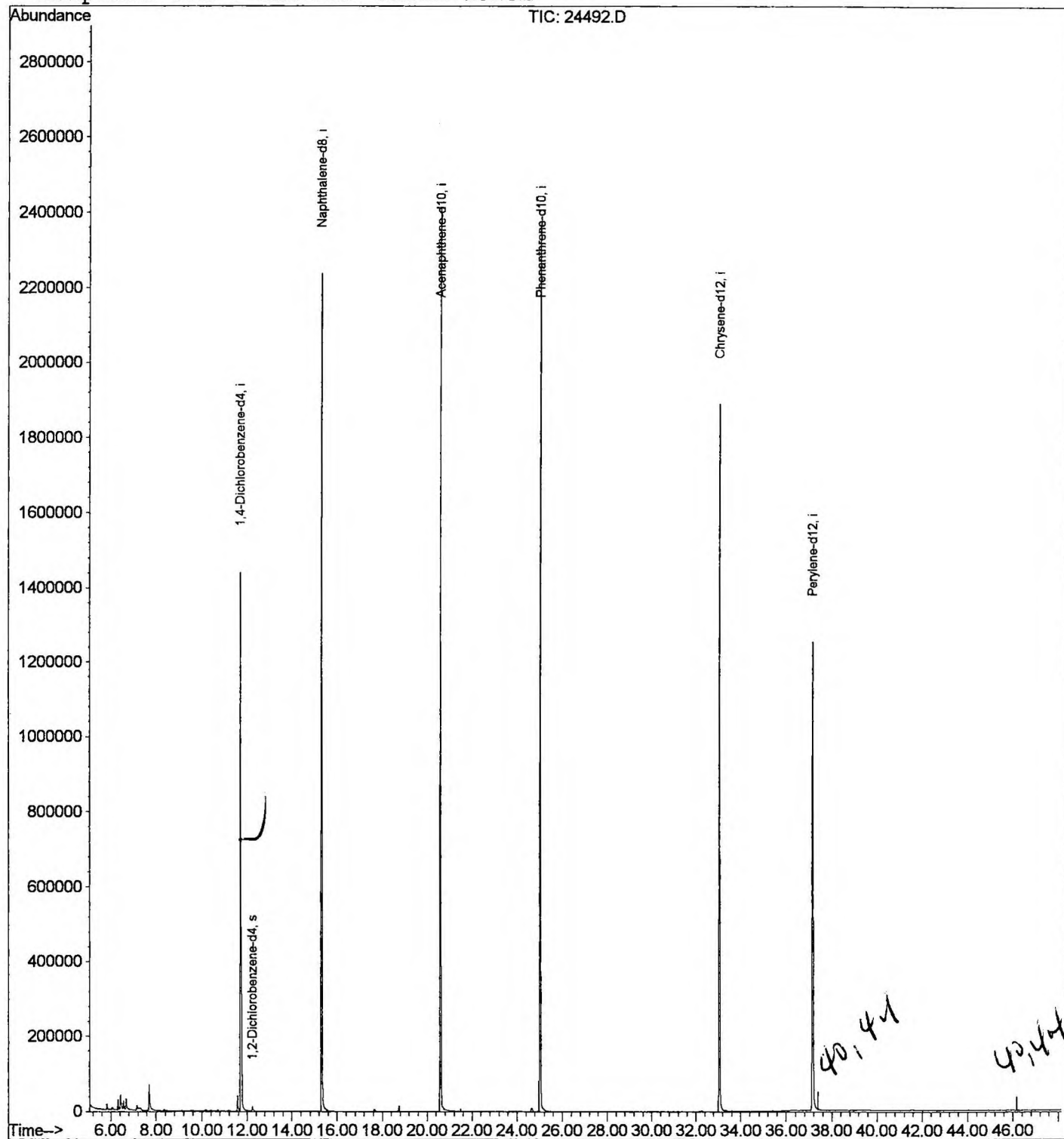
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24492.D
Acq On : 5 Nov 2001 6:48 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 5 19:36 2001

Vial: 8
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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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24492.D
 Acq On : 5 Nov 2001 6:48 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 8
 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

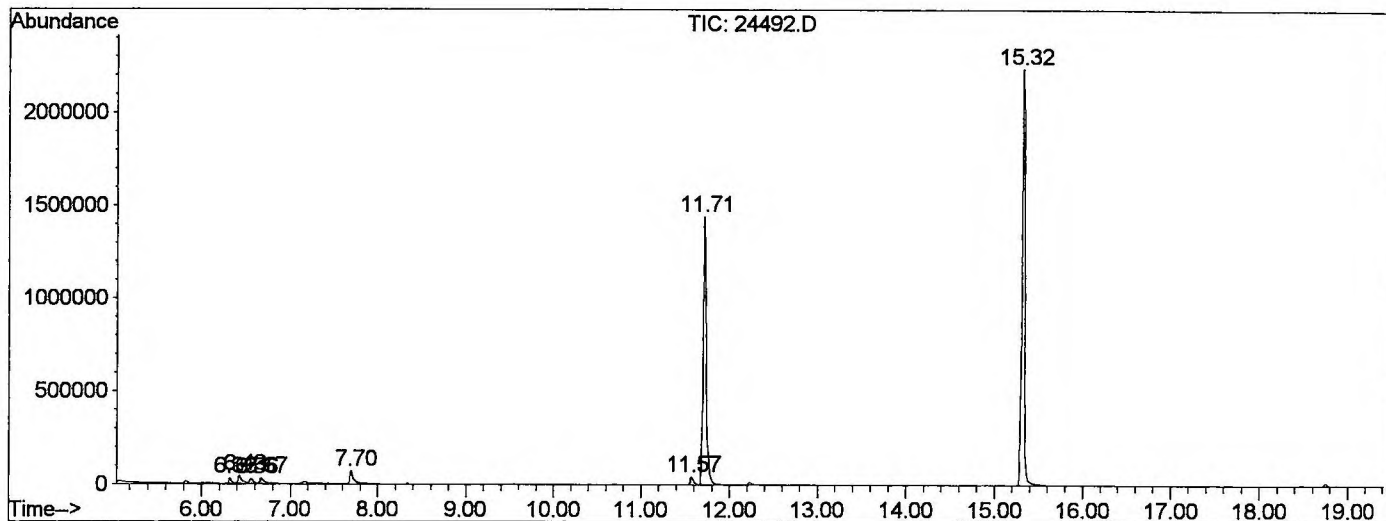
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.321	136	139	145	rBV	28347	56458	1.07%	0.206%
2	6.431	147	151	161	rVV	40705	116635	2.22%	0.426%
3	6.560	162	165	173	rVV	23955	58128	1.10%	0.212%
4	6.670	174	177	190	rVB	28247	72868	1.38%	0.266%
5	7.698	285	289	306	rBV	69318	200046	3.80%	0.730%
6	11.572	707	711	721	rBV	40180	95020	1.81%	0.347%
7	11.710	721	726	749	rVV	1439546	3600831	68.43%	13.141%
8	15.318	1113	1119	1138	rBV	2236821	4866309	92.48%	17.759%
9	20.596	1688	1694	1713	rBV	2413283	5262276	100.00%	19.204%
10	25.021	2170	2176	2190	rBV2	2370001	5115271	97.21%	18.667%
11	33.063	3045	3052	3074	rBV2	1888760	4380806	83.25%	15.987%
12	37.167	3490	3499	3522	rBV2	1249701	3577509	67.98%	13.056%

Sum of corrected areas: 27402157

24492.D NP103001.M Fri Nov 09 12:19:44 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0501\24492.D
 Operator : 209 GALOS
 Acquired : 5 Nov 2001 6:48 pm using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 8
 Quant File :NP103001.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24492.D
 Acq On : 5 Nov 2001 6:48 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

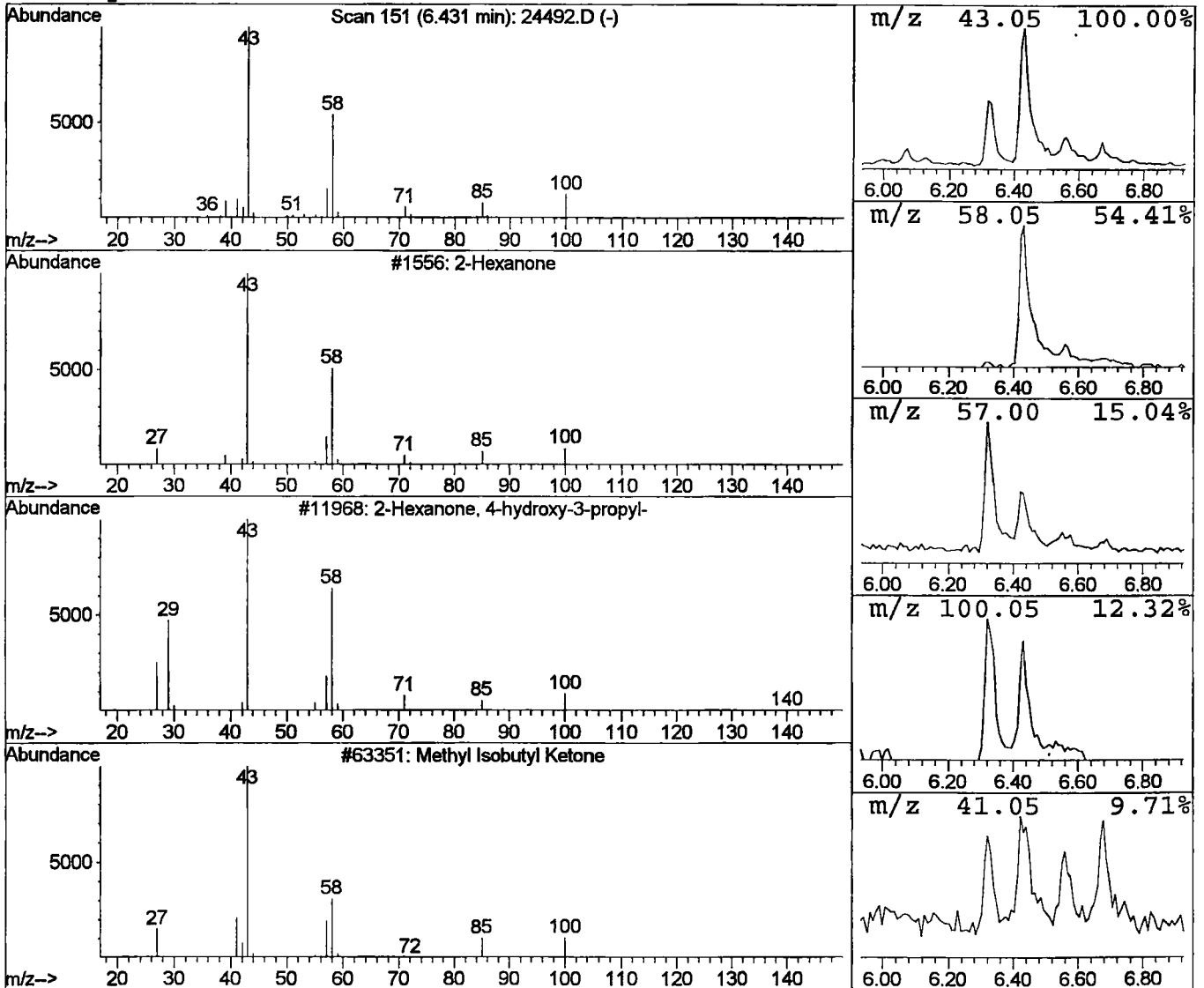
Vial: 8
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.65 ug/l	116635	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	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	83	
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58	
4	Propanal	58	C3H6O	000123-38-6	47	



Library Search Compound Report

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 Acq On : 5 Nov 2001 6:48 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

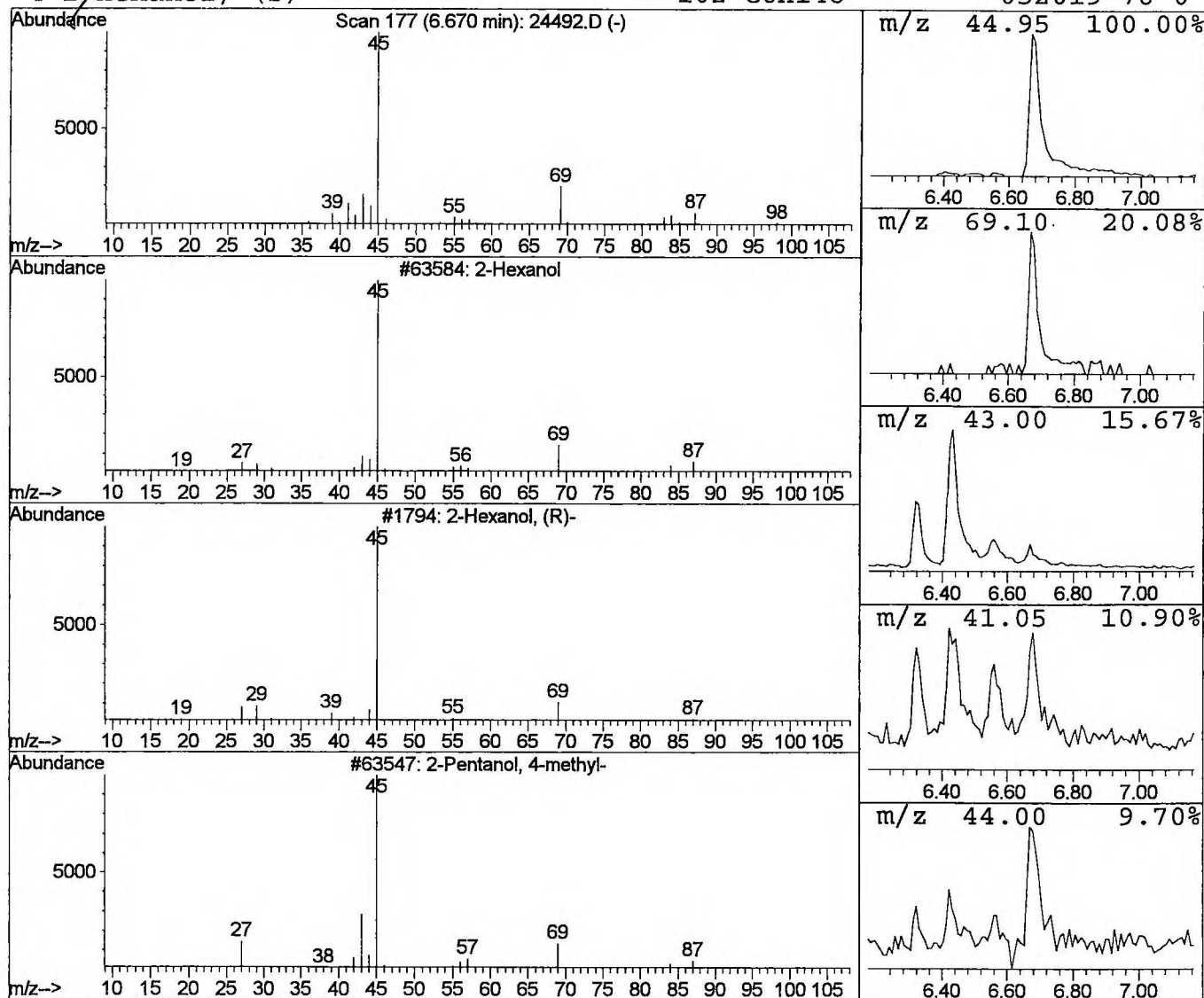
Vial: 8
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.40 ug/l	72868	1,4-Dichlorobenzene-d4	11.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanol	102	C6H14O	000626-93-7	83
2		2-Hexanol, (R)-	102	C6H14O	026549-24-6	64
3		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
4		2-Hexanol, (S)-	102	C6H14O	052019-78-0	56



Library Search Compound Report

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Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

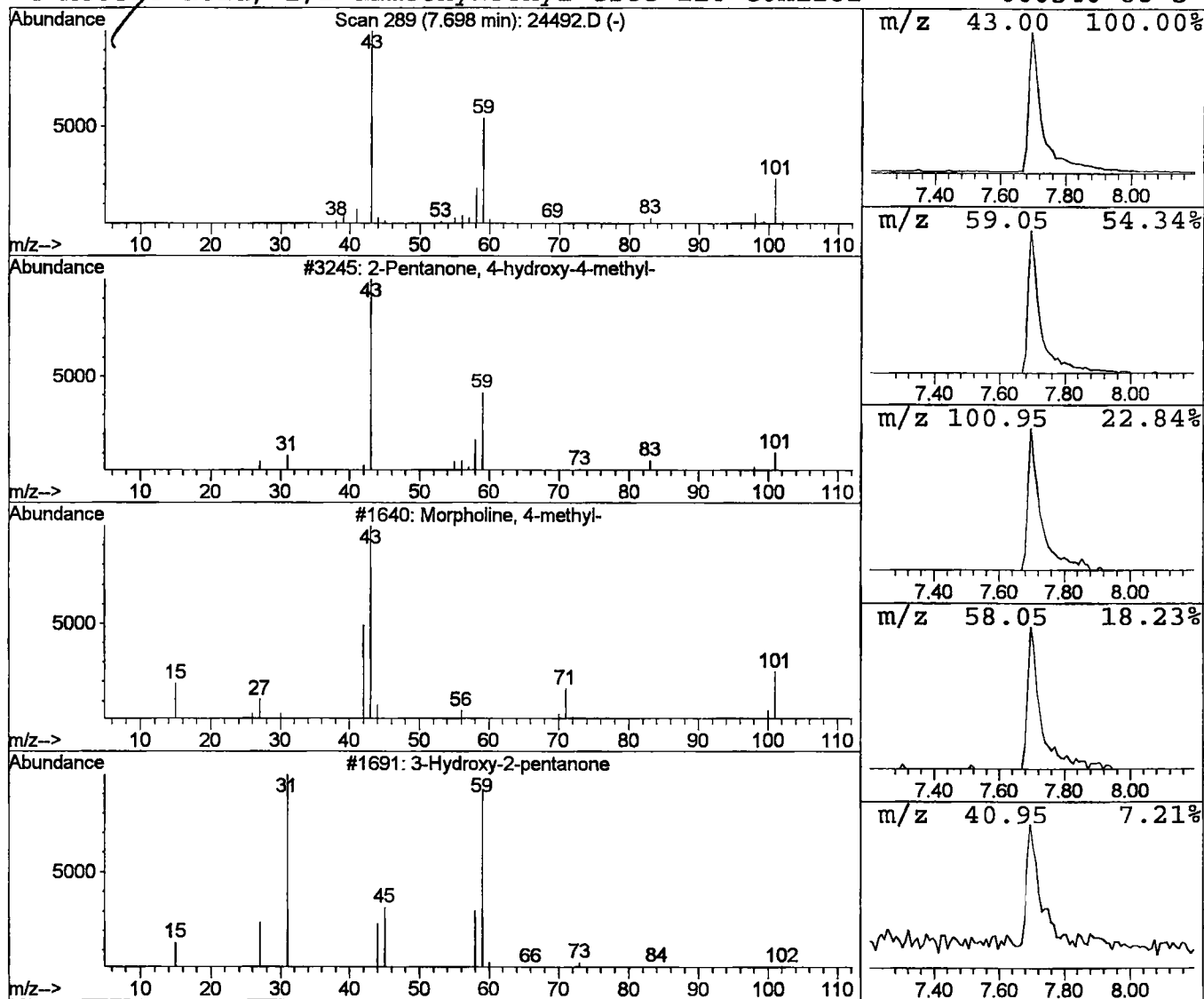
Title : 209 625/TCLP calibration table

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.
7.70	1.11 ug/l	200046	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			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9



Library Search Compound Report

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 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

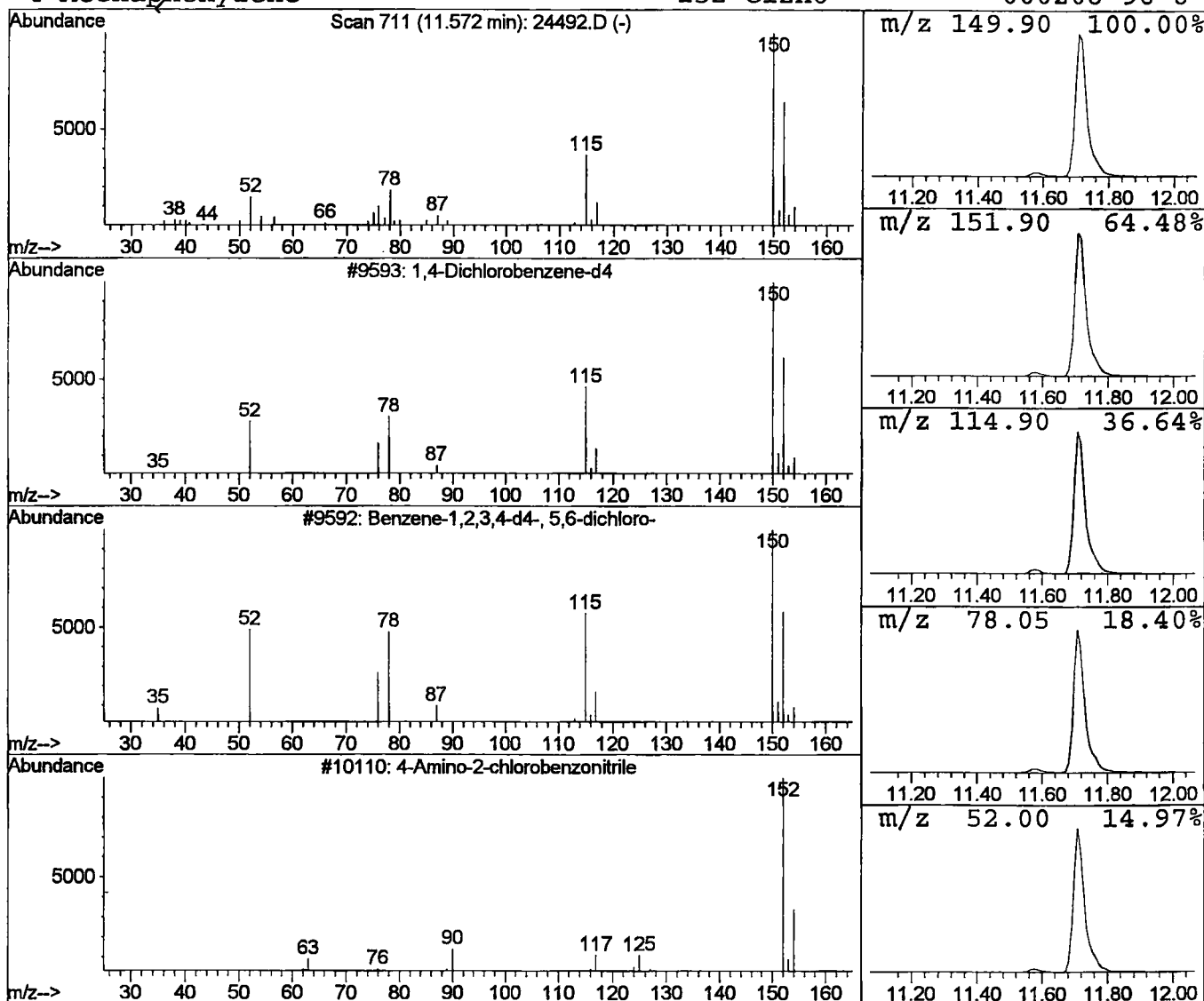
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 Peak Number 4 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.53 ug/l	95020	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	27
3			4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	14
4			Acenaphthylene	152	C12H8	000208-96-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Nov 2001 6:48 pm
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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	0.6	ug/l	116635	ISTD01	11.71	3600830	20.0
2-Hexanol	6.67	0.4	ug/l	72868	ISTD01	11.71	3600830	20.0
2-Pentanone, 4-hydro	7.70	1.1	ug/l	200046	ISTD01	11.71	3600830	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	95020	ISTD01	11.71	3600830	20.0

24492.D NP103001.M Fri Nov 09 12:19:55 2001