

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/14/2001 Time: 08:39:10

Sample: AD24476
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/14/01 08:38 Ended: 11/14/01 08:38 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24476 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-14-2001 Time: 08:39:26

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\24476.D

Acq On : 3 Nov 2001 1:44 am

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 3 2:33 2001

Vial: 12

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	627481	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2465067	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1191229	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.02	188	1803817	20.00	ug/l	-0.01
59) Chrysene-d12	33.06	240	1256039	20.00	ug/l	-0.01
68) Perylene-d12	37.16	264	914322	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	353	0.01	ug/l	0.47
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	7115	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	2728	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

24476.D NP103001.M Fri Nov 09 15:14:20 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0201\24476.D

Vial: 12

Acq On : 3 Nov 2001 1:44 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 2:33 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	15.38	128	112	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	610	N.D.		
56) Anthracene	25.02	178	610	N.D.		
57) Di-n-butylphthalate	27.03	149	3064	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	3148	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.32	149	1205	N.D.		
67) Chrysene	33.06	228	3148	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

24476.D NP103001.M Fri Nov 09 15:14:24 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0201\24476.D

Vial: 12

Acq On : 3 Nov 2001 1:44 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 2:33 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	37.16	252	3297	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
24476.D NP103001.M Fri Nov 09 15:14:25 2001

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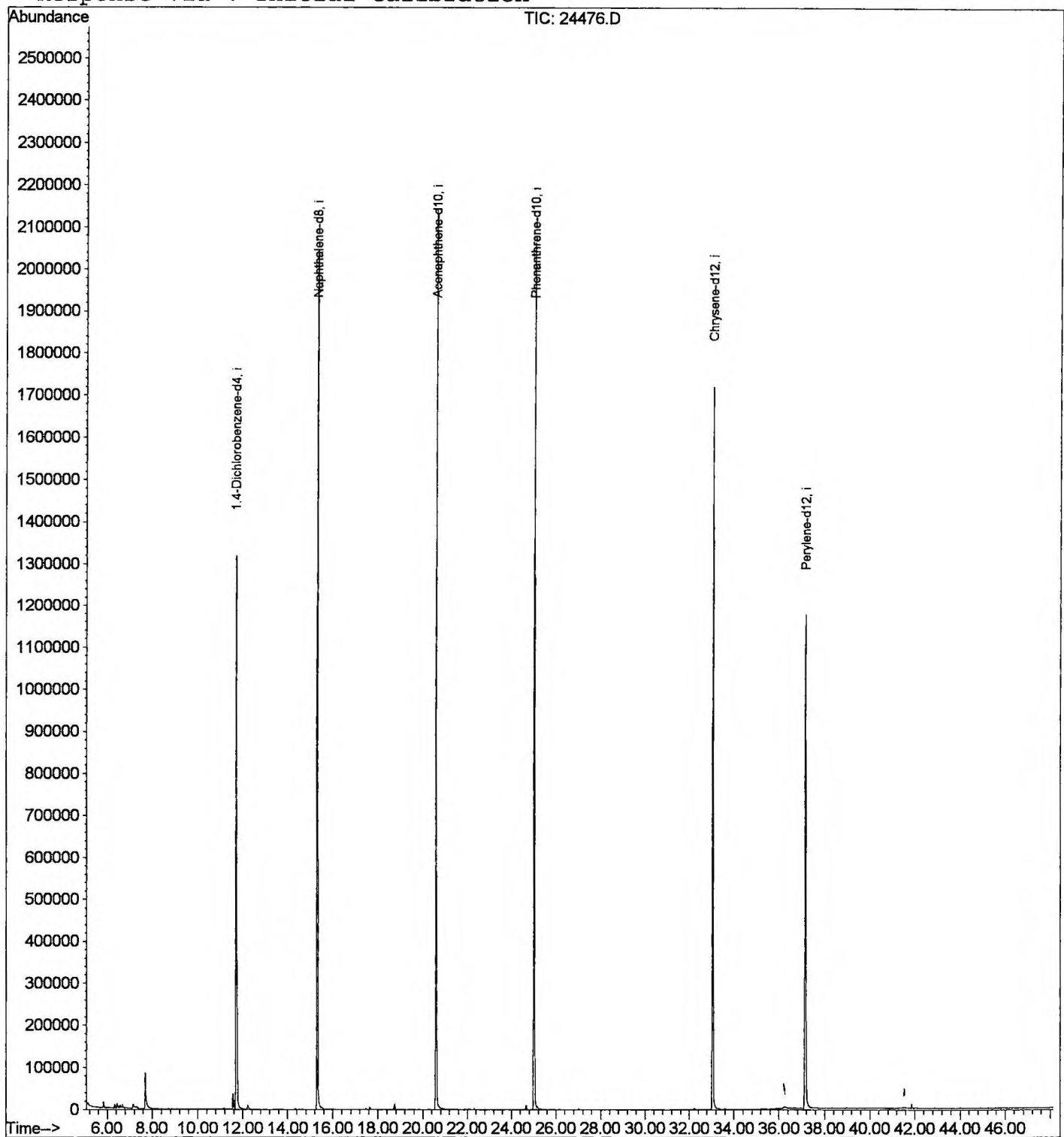
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24476.D
Acq On : 3 Nov 2001 1:44 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 3 2:33 2001

Vial: 12
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\24476.D

Acq On : 3 Nov 2001 1:44 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 12

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	7.692	285	288	294	rBV	84759	194743	4.13%	0.786%
2	11.575	707	711	720	rBV	36839	85689	1.82%	0.346%
3	11.713	720	726	746	rBV	1317535	3326806	70.54%	13.421%
4	15.321	1113	1119	1138	rBV	2044626	4514795	95.73%	18.214%
5	20.599	1687	1694	1711	rBV	2144765	4716280	100.00%	19.027%
6	25.024	2169	2176	2187	rBV	2063921	4521332	95.87%	18.240%
7	33.057	3044	3051	3076	rBV2	1720223	4033614	85.53%	16.273%
8	37.161	3489	3498	3518	rBV2	1175333	3394171	71.97%	13.693%

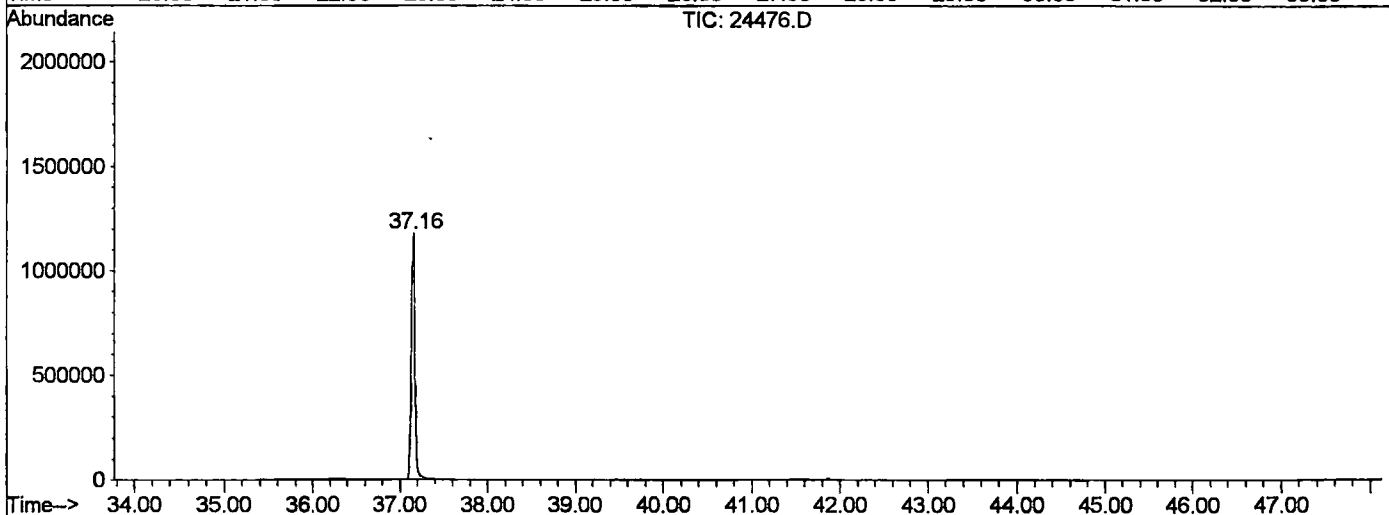
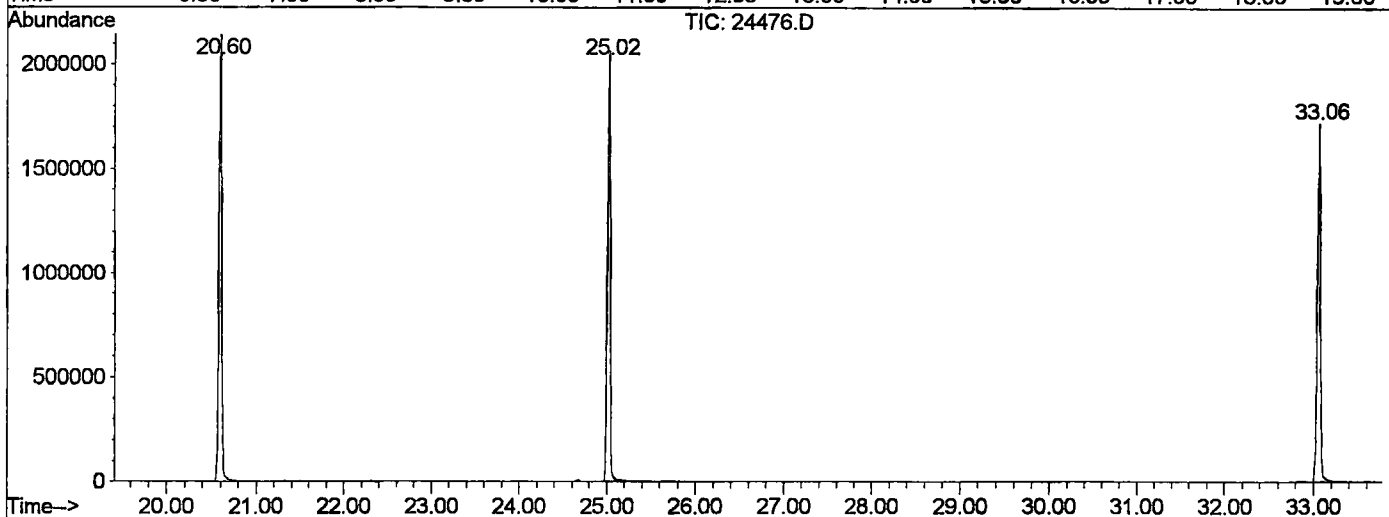
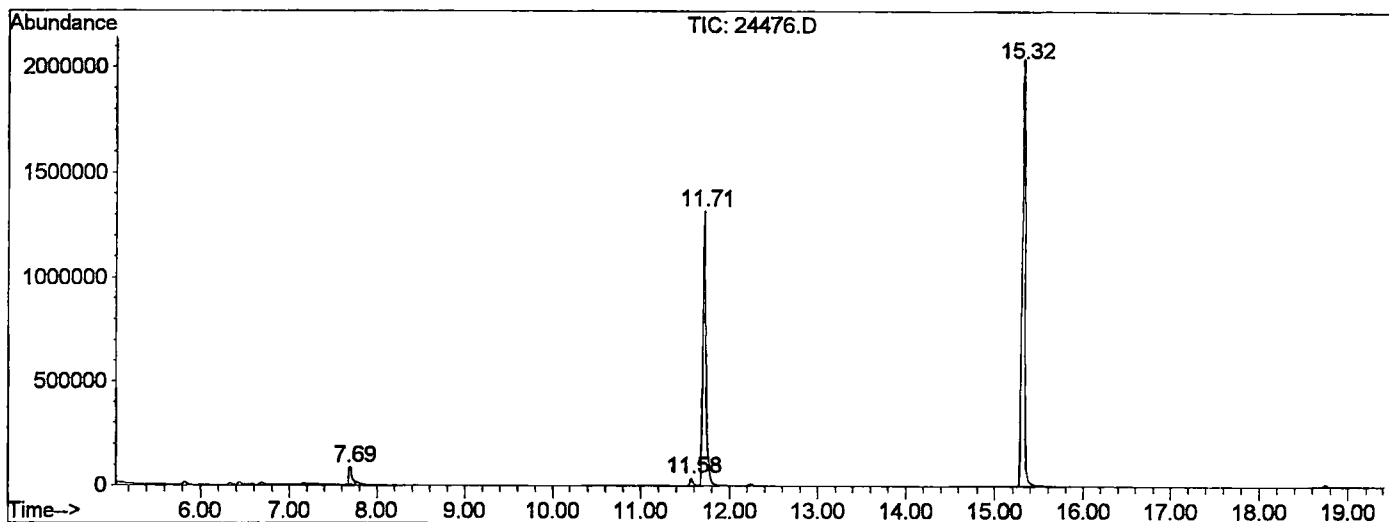
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24476.D NP103001.M

Tue Nov 13 10:09:30 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0201\24476.D
 Operator : 209 GALOS
 Acquired : 3 Nov 2001 1:44 am using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 12
 Quant File :NP103001.RES (RTE Integrator)



24476.D NP103001.M Tue Nov 13 10:09:32 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24476.D
Acq On : 3 Nov 2001 1:44 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

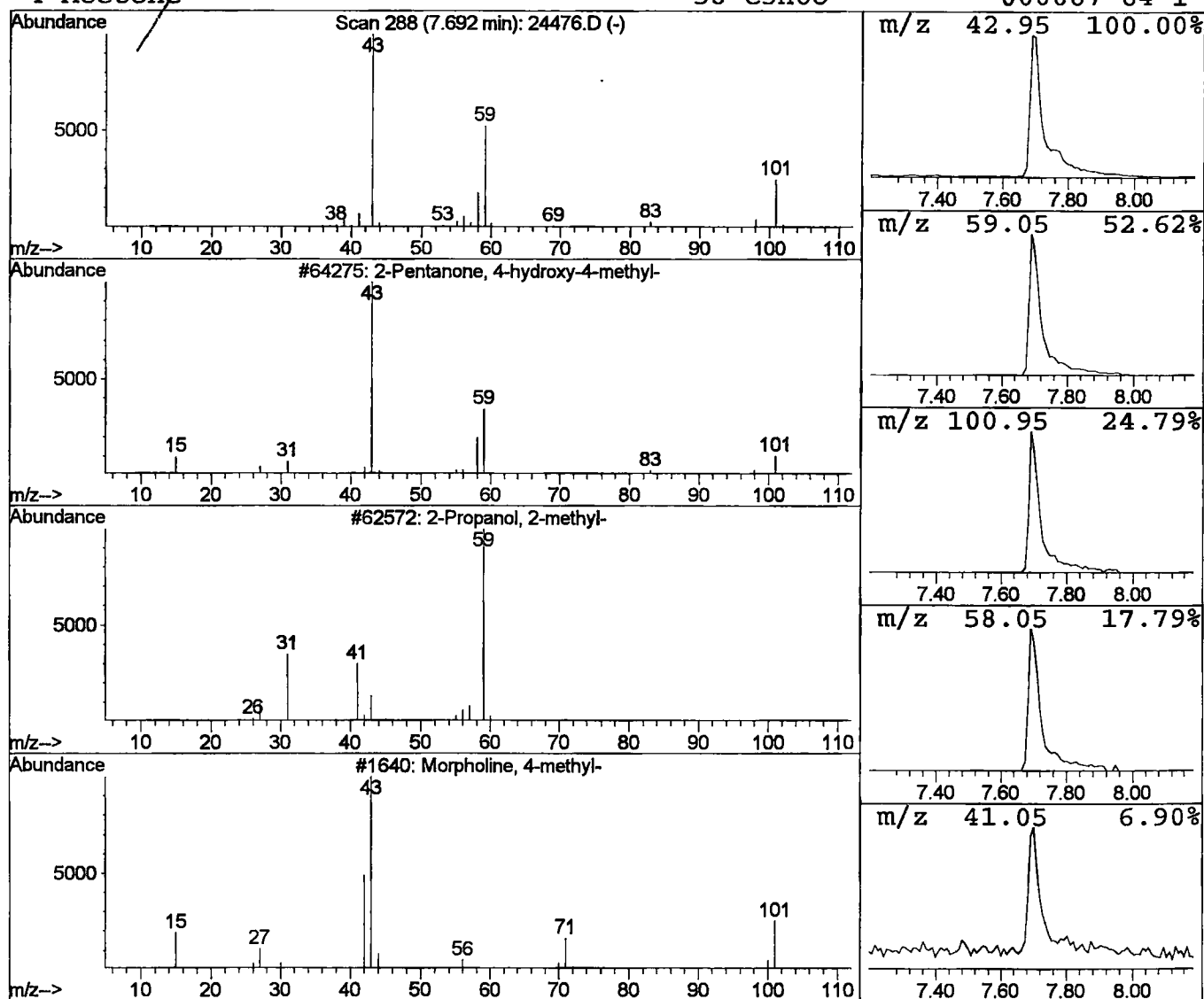
Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.17 ug/l	194743	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	42		
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17		
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
4	Acetone	58	C3H6O	000067-64-1	9		



Library Search Compound Report

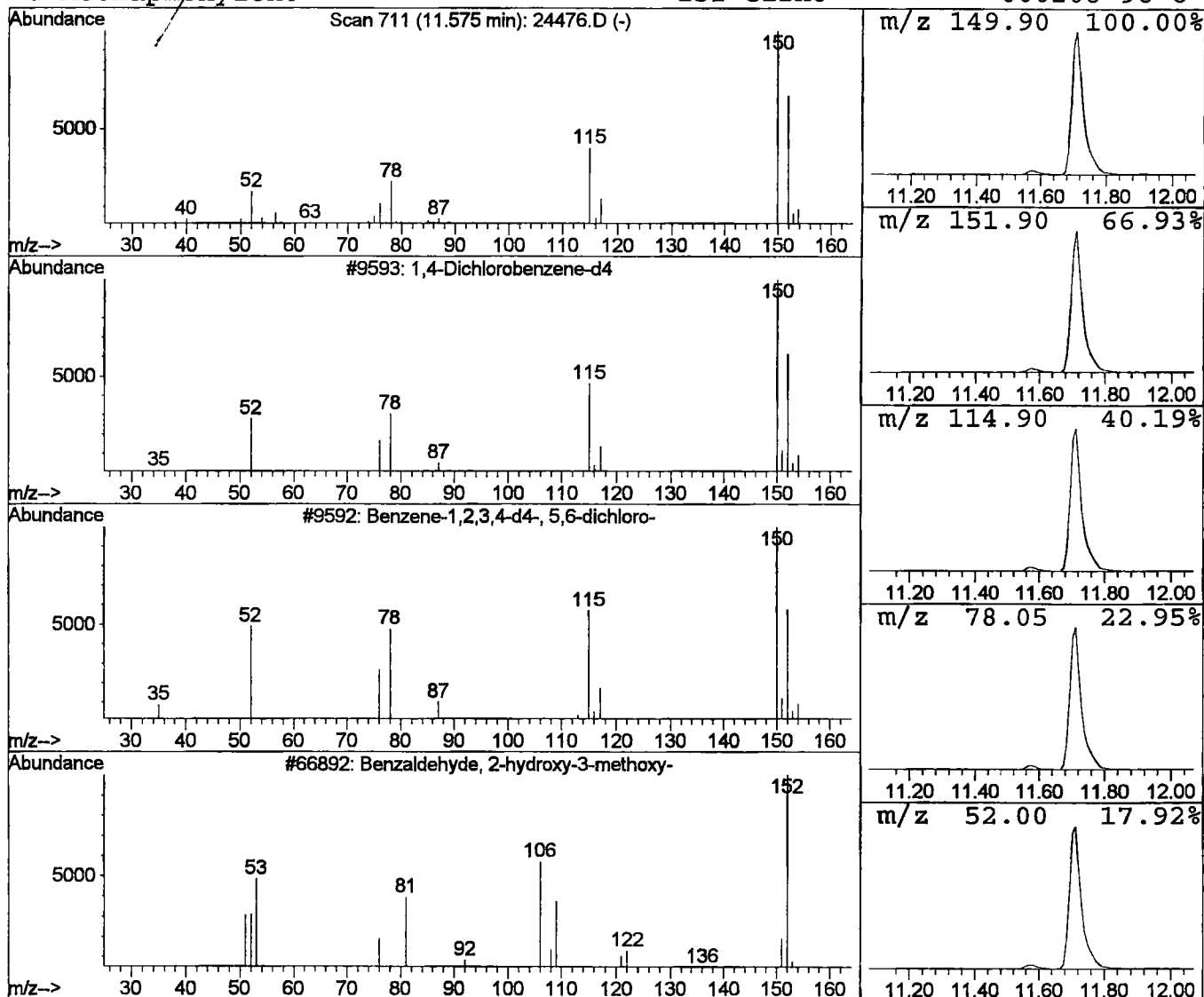
Data File : C:\HPCHEM\1\DATA\NOV0201\24476.D
Acq On : 3 Nov 2001 1:44 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
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 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.58	0.52 ug/l	85689	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	64
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-		150 C6Cl2D4	002199-69-1	28
3	Benzaldehyde, 2-hydroxy-3-methoxy-		152 C8H8O3	000148-53-8	10
4	Acenaphthylene		152 C12H8	000208-96-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 3 Nov 2001 1:44 am
 Data File: C:\HPCHEM\1\DATA\NOV0201\24476.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-Pentanone , 4-hydro	7.69	1.2	ug/l	194743	ISTD01	11.71	3326810	20.0
1,4-Dichlorobenzene-	11.58	0.5	ug/l	85689	ISTD01	11.71	3326810	20.0

24476.D NP103001.M Tue Nov 13 10:09:37 2001