

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/14/2001 Time: 08:41:05

Sample: AD24478
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/14/01 08:39 Ended: 11/14/01 08:39 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24478 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-14-2001 Time: 08:41:10

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\24478.D

Vial: 16

Acq On : 3 Nov 2001 5:37 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 6:26 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	11.71	152	627146	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2469155	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1204684	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.02	188	1816426	20.00	ug/l	-0.01
59) Chrysene-d12	33.06	240	1208078	20.00	ug/l	-0.01
68) Perylene-d12	37.15	264	841762	20.00	ug/l	-0.01

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	405	0.01	ug/l	0.47
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	6906	0.24	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	0.48%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	2623	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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Quantitation Report

(QT Reviewed)

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Vial: 16

Acq On : 3 Nov 2001 5:37 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 6:26 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	15.37	128	1073	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	21.20	65	103	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) Azobenzen/ 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	25.08	178	951	N.D.		
56) Anthracene	25.08	178	951	N.D.		
57) Di-n-butylphthalate	27.02	149	2151	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	3415	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	2136	N.D.		
67) Chrysene	33.06	228	3415	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\NOV0201\24478.D Vial: 16
Acq On : 3 Nov 2001 5:37 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 6:26 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	3306	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
24478.D NP103001.M Fri Nov 09 15:20:10 2001

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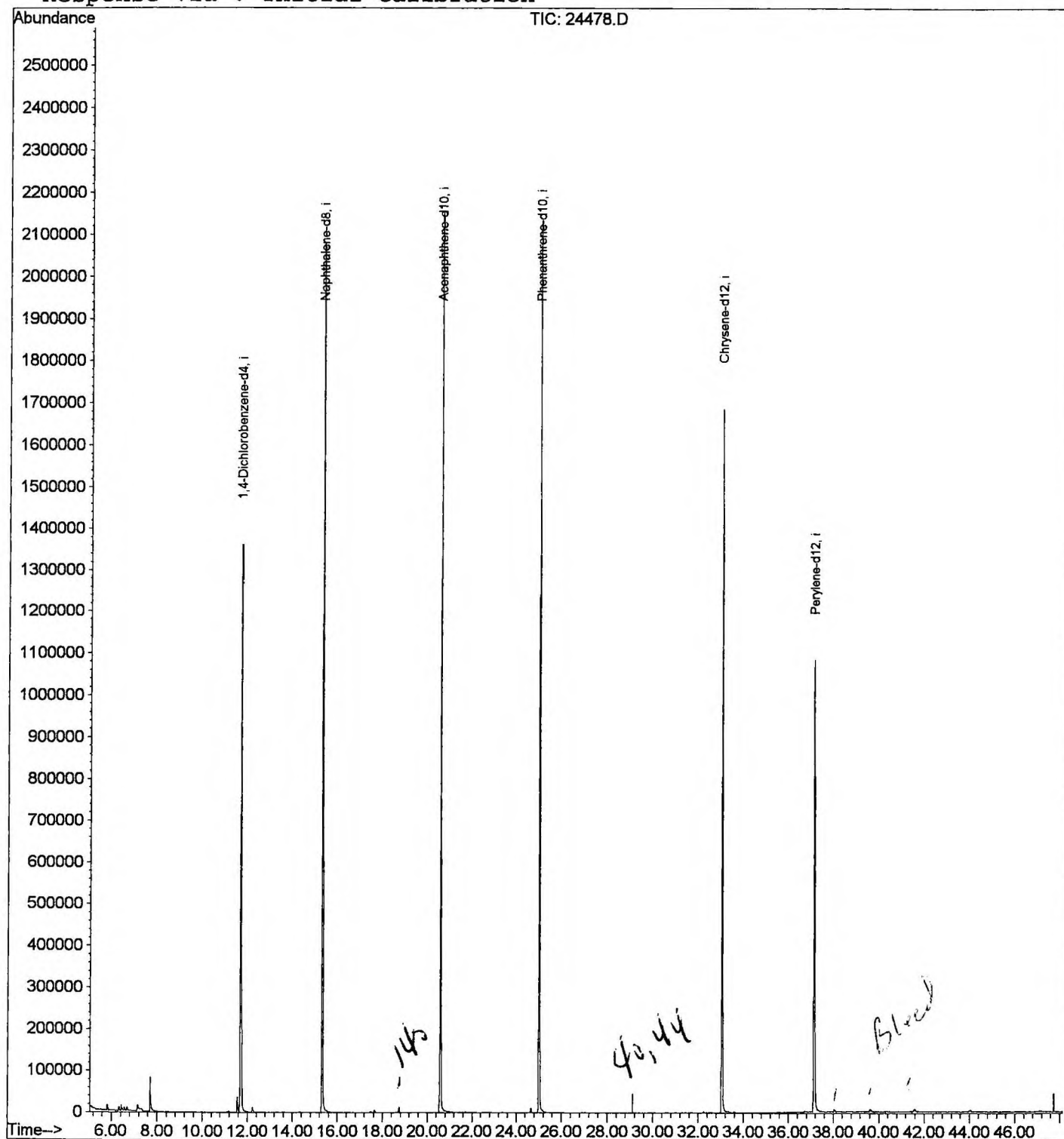
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24478.D
Acq On : 3 Nov 2001 5:37 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 3 6:26 2001

Vial: 16
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\24478.D
 Acq On : 3 Nov 2001 5:37 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 16
 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

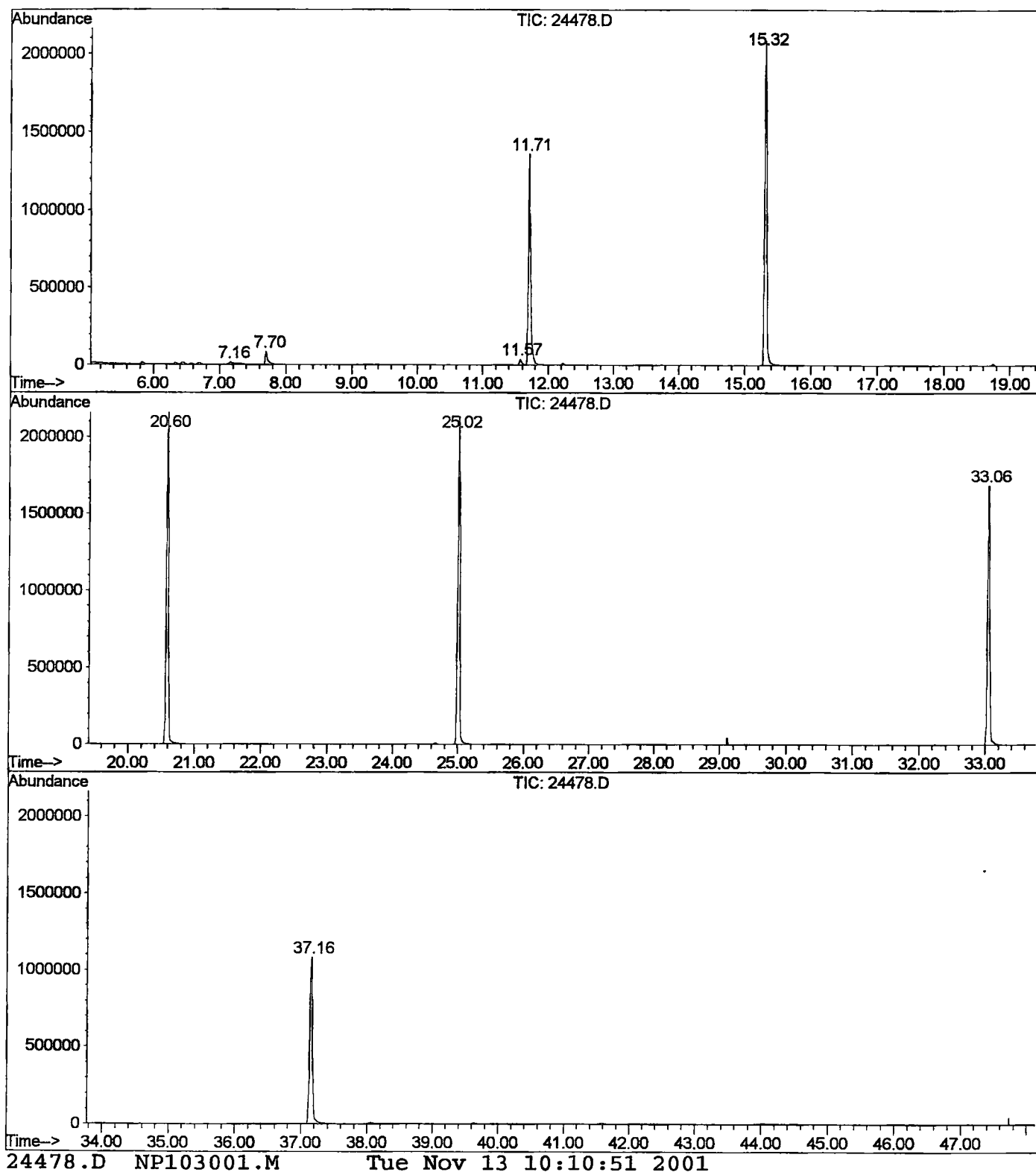
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.158	223	230	239	rBV	14303	56483	1.19%	0.230%
2	7.700	286	289	301	rBV	82766	195966	4.12%	0.799%
3	11.574	706	711	720	rBV	38022	87017	1.83%	0.355%
4	11.712	720	726	749	rBV	1360442	3325921	69.88%	13.561%
5	15.319	1112	1119	1135	rBV	2082576	4547164	95.53%	18.541%
6	20.598	1687	1694	1714	rBV	2156789	4759732	100.00%	19.408%
7	25.023	2169	2176	2189	rBV	2132481	4590877	96.45%	18.719%
8	33.056	3044	3051	3066	rBV2	1686673	3856063	81.01%	15.723%
9	37.159	3489	3498	3516	rBV2	1080377	3105506	65.25%	12.663%

Sum of corrected areas: 24524729

24478.D NP103001.M Tue Nov 13 10:10:49 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0201\24478.D
Operator : 209 GALOS
Acquired : 3 Nov 2001 5:37 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 16
Quant File :NP103001.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24478.D
Acq On : 3 Nov 2001 5:37 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

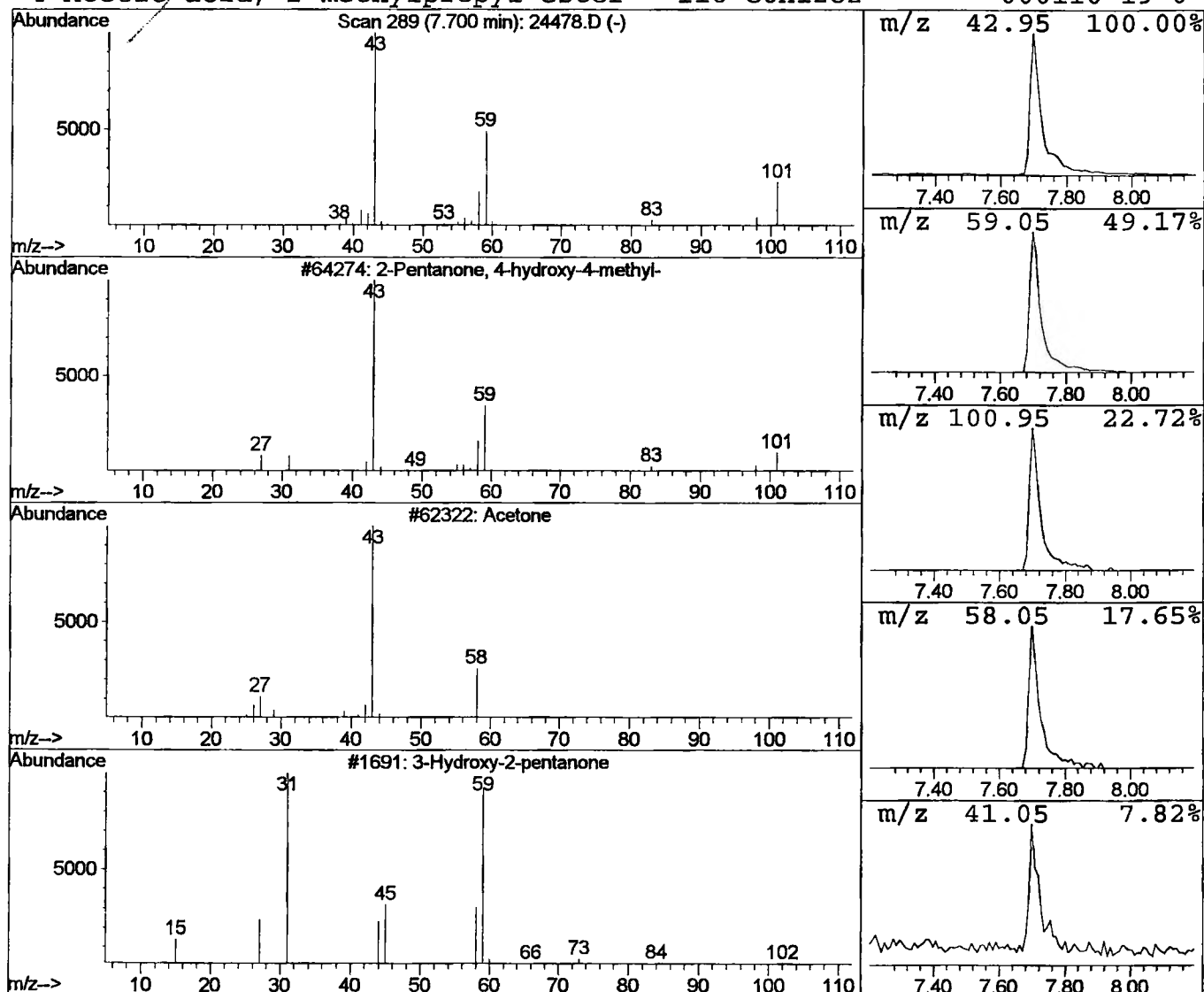
Vial: 16
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	1.18 ug/l	195966	1,4-Dichlorobenzene-d4	11.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40	
2	Acetone	58	C3H6O	000067-64-1	10	
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9	
4	Acetic acid, 2-methylpropyl ester	116	C6H12O2	000110-19-0	9	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24478.D
Acq On : 3 Nov 2001 5:37 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

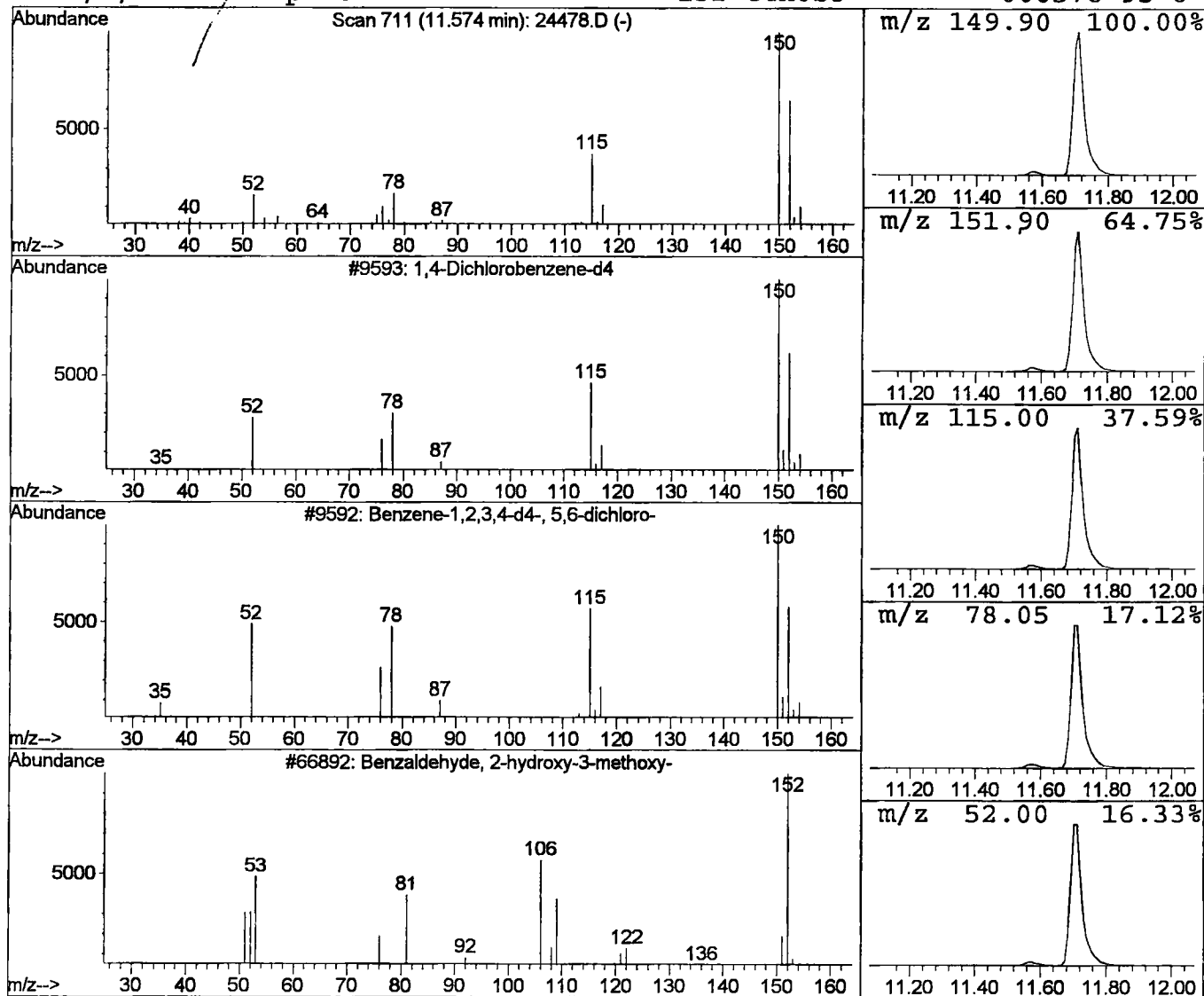
Vial: 16
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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.
11.57	0.52 ug/l	87017	1,4-Dichlorobenzene-d4	11.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	50
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	16
3		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	14
4		1,2,5-Trithiepane	152	C4H8S3	006576-93-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 3 Nov 2001 5:37 am
Data File: C:\HPCHEM\1\DATA\NOV0201\24478.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	7.70	1.2	ug/l	195966	ISTD01	11.71	3325920	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	87017	ISTD01	11.71	3325920	20.0

24478.D NP103001.M Tue Nov 13 10:10:57 2001