

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/19/2001 Time: 09:54:49

Sample: AD23341
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/19/01 09:53 Ended: 10/19/01 09:53 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23341 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-19-2001 Time: 09:54:58

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\OCT1801\23341.D

Vial: 9

Acq On : 19 Oct 2001 12:01 am

Operator: 209 GALOS

Sample : gc/ms unknown re extracted

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 19 9:53 2001

Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Last Update : Fri Oct 12 09:04:47 2001

Response via : Initial Calibration

DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.76	152	356046	20.00	ug/l	-0.15
19) Naphthalene-d8	15.38	136	1381543	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.65	164	643576	20.00	ug/l	-0.16
49) Phenanthrene-d10	25.08	188	943495	20.00	ug/l	-0.16
59) Chrysene-d12	33.12	240	711867	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	509404	20.00	ug/l	-0.19

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	0.00	132	0	0.00	ug/l	
Spiked Amount 75.000			Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.29	152	3747	0.22	ug/l	-0.14
Spiked Amount 50.000			Recovery	=	0.44%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.81	172	1329	0.03	ug/l	0.00
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

23341.D NP091101.M Fri Oct 19 10:03:17 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1801\23341.D
 Acq On : 19 Oct 2001 12:01 am
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 19 9:53 2001

Vial: 9
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Last Update : Fri Oct 12 09:04:47 2001
 Response via : Initial Calibration
 DataAcq Meth : NP091101

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.	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	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.09	149	1052	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	33.12	228	1840	N.D.		
66) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.		
67) Chrysene	33.12	228	1840	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
 23341.D NP091101.M Fri Oct 19 10:03:23 2001

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1801\23341.D

Vial: 9

Acq On : 19 Oct 2001 12:01 am

Operator: 209 GALOS

Sample : gc/ms unknown re extracted

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 19 9:53 2001

Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Last Update : Fri Oct 12 09:04:47 2001

Response via : Initial Calibration

DataAcq Meth : NP091101

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.23	252	1827	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

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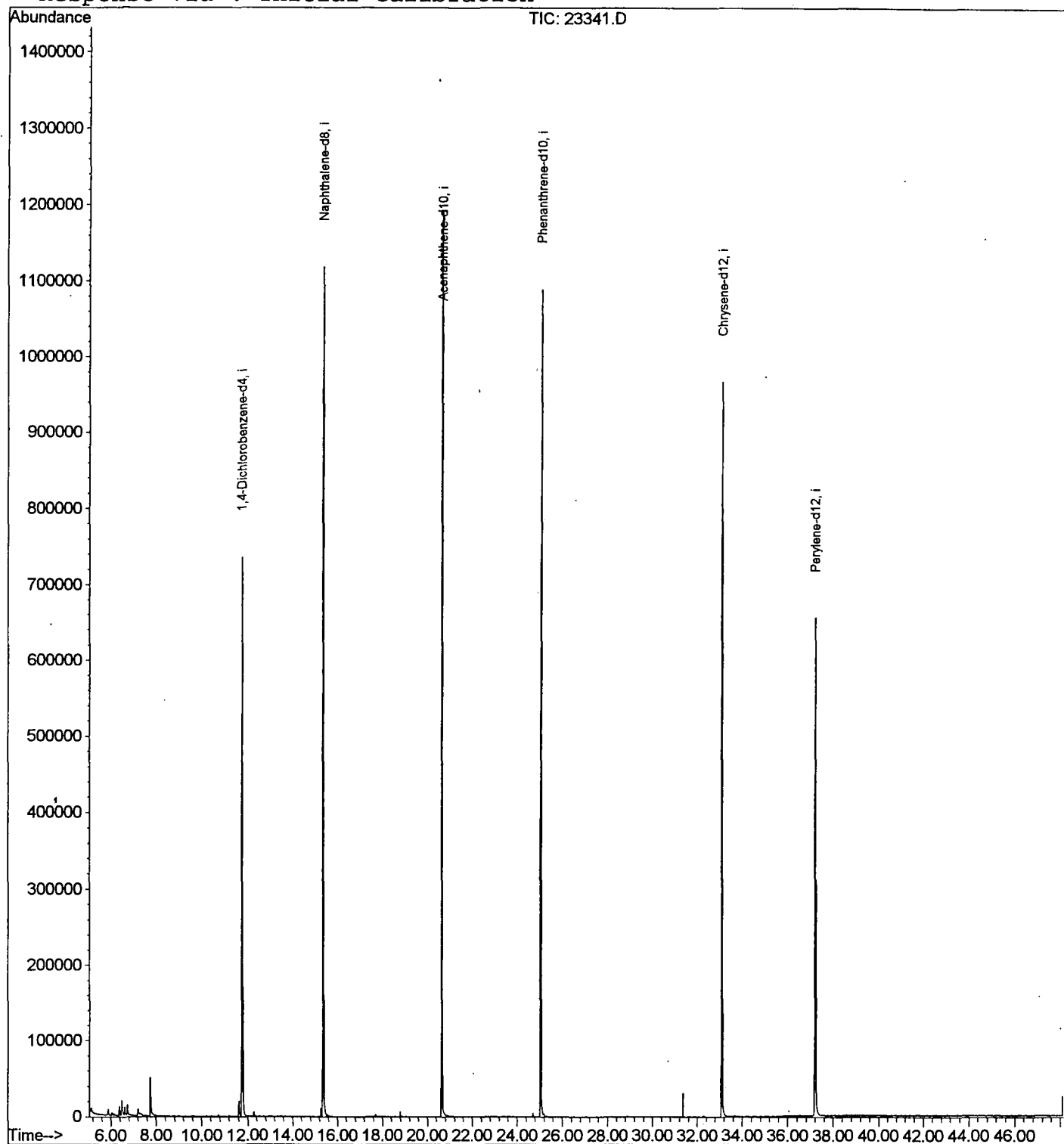
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23341.D
Acq On : 19 Oct 2001 12:01 am
Sample : gc/ms unknown re extracted
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 19 9:53 2001

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP091101.RES

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23341.D
 Acq On : 19 Oct 2001 12:01 am
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: LSCINT.P

Vial: 9
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 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

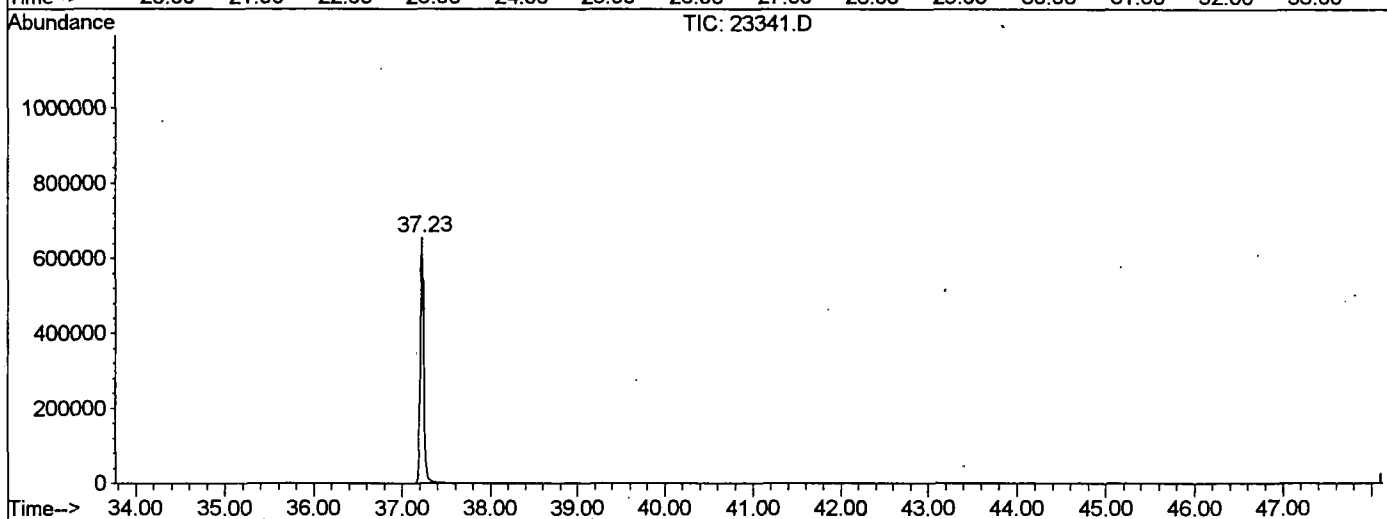
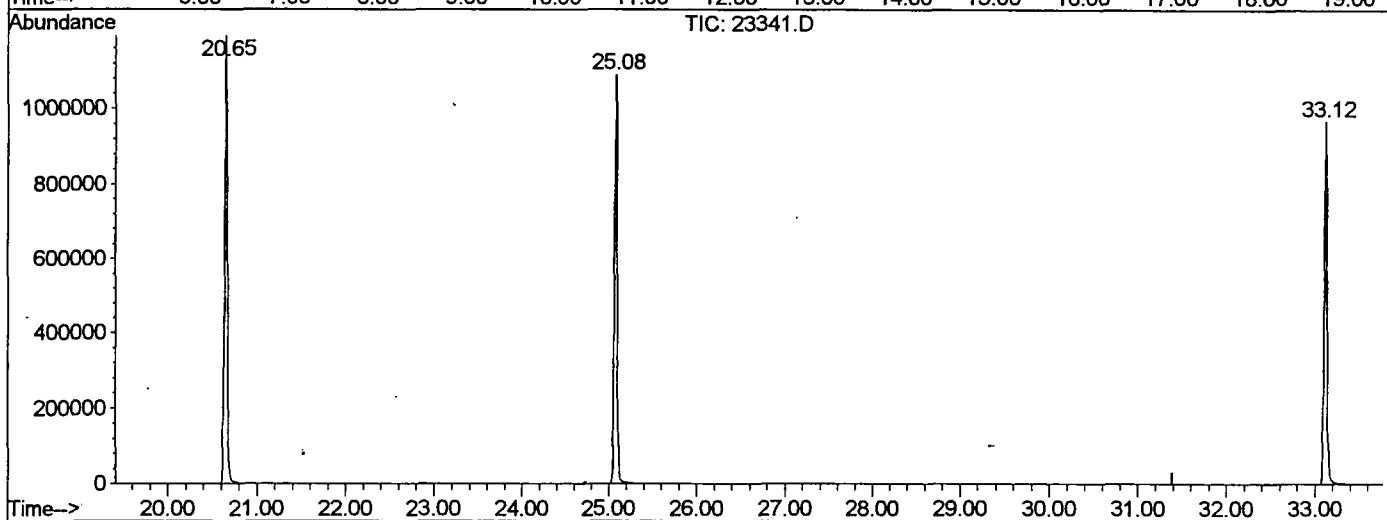
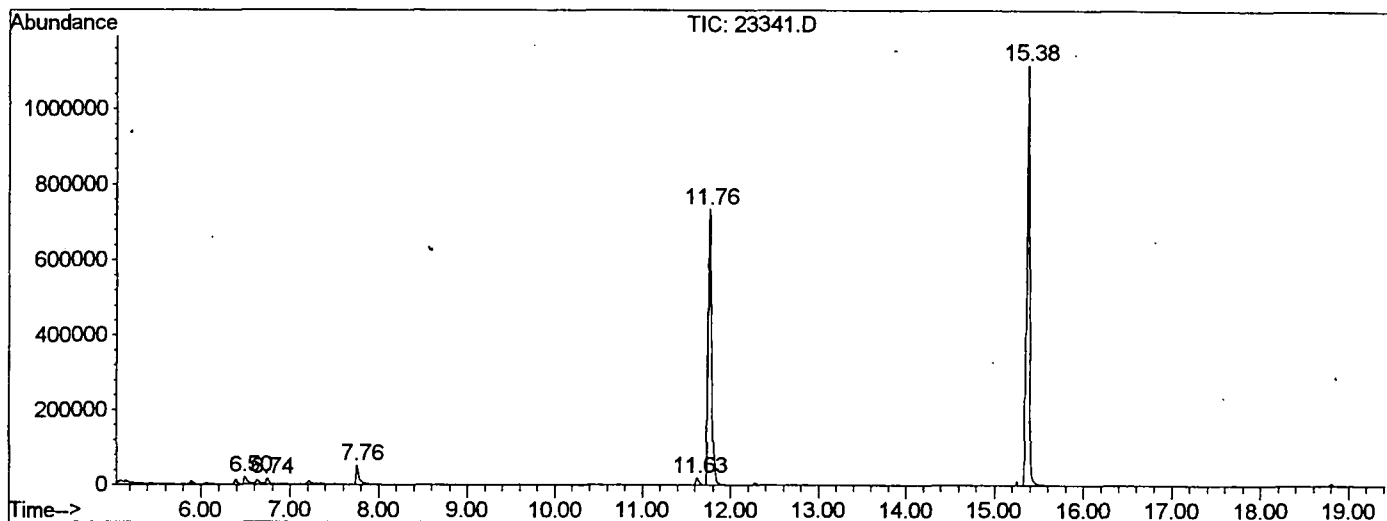
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.498	154	159	167	rBV	19153	50006	1.93%	0.365%
2	6.736	182	185	190	rBV	13647	29161	1.13%	0.213%
3	7.755	292	296	309	rBV	50261	121796	4.70%	0.889%
4	11.629	713	718	727	rBV	19695	47721	1.84%	0.349%
5	11.758	727	732	747	rBV	735380	1867860	72.08%	13.641%
6	15.375	1119	1126	1140	rBV	1118335	2531331	97.69%	18.486%
7	20.654	1694	1701	1714	rBV	1192753	2591217	100.00%	18.923%
8	25.079	2177	2183	2194	rBV2	1089352	2426494	93.64%	17.720%
9	33.121	3052	3059	3071	rBV2	966882	2195450	84.73%	16.033%
10	37.233	3498	3507	3524	rBV2	654560	1832203	70.71%	13.380%

Sum of corrected areas: 13693239

23341.D NP091101.M Fri Oct 19 10:12:43 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1801\23341.D
 Operator : 209 GALOS
 Acquired : 19 Oct 2001 12:01 am using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown re extracted
 Misc Info :
 Vial Number: 9
 Quant File :NP091101.RES (RTE Integrator)



23341.D NP091101.M Fri Oct 19 10:12:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23341.D
Acq On : 19 Oct 2001 12:01 am
Sample : gc/ms unknown re extracted
Misc :
MS Integration Params: LSCINT.P

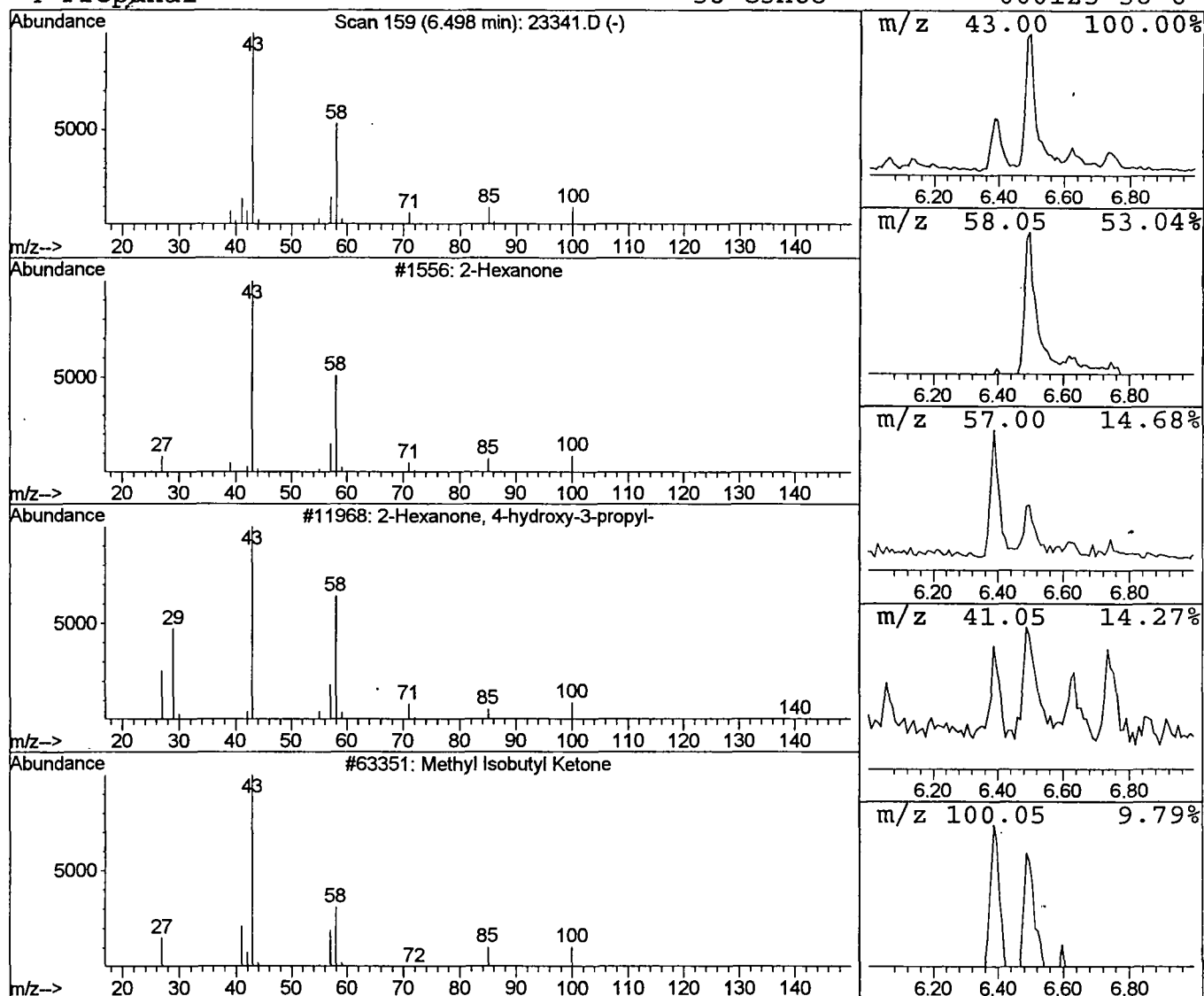
Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.54 ug/l	50006	1,4-Dichlorobenzene-d4	11.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	90
2			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	83
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
4			Propanal	58	C3H6O	000123-38-6	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23341.D
 Acq On : 19 Oct 2001 12:01 am
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: LSCINT.P

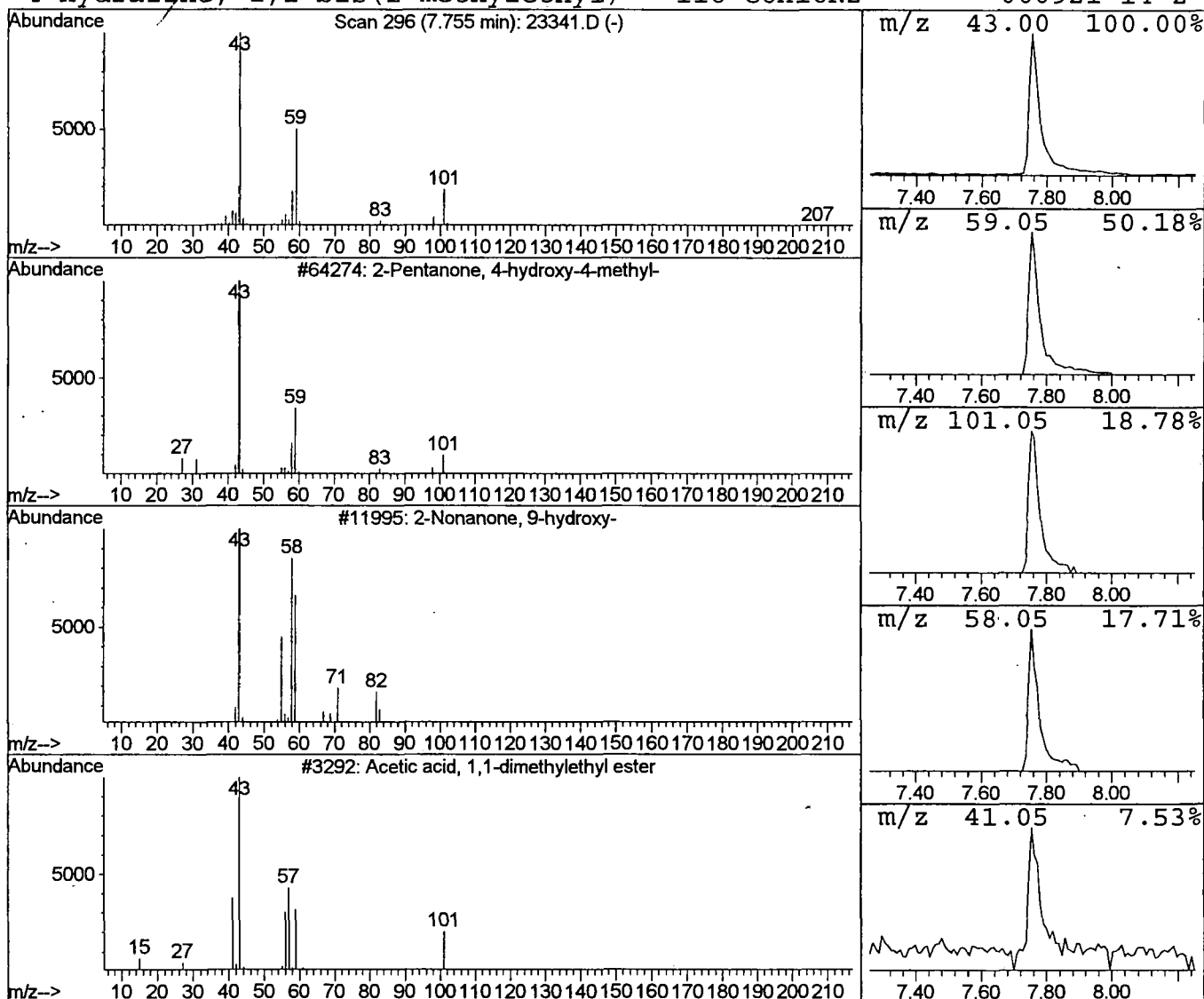
Vial: 9
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	1.30 ug/l	121796	1,4-Dichlorobenzene-d4	11.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2		2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
3		Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
4		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28



Library Search Compound Report

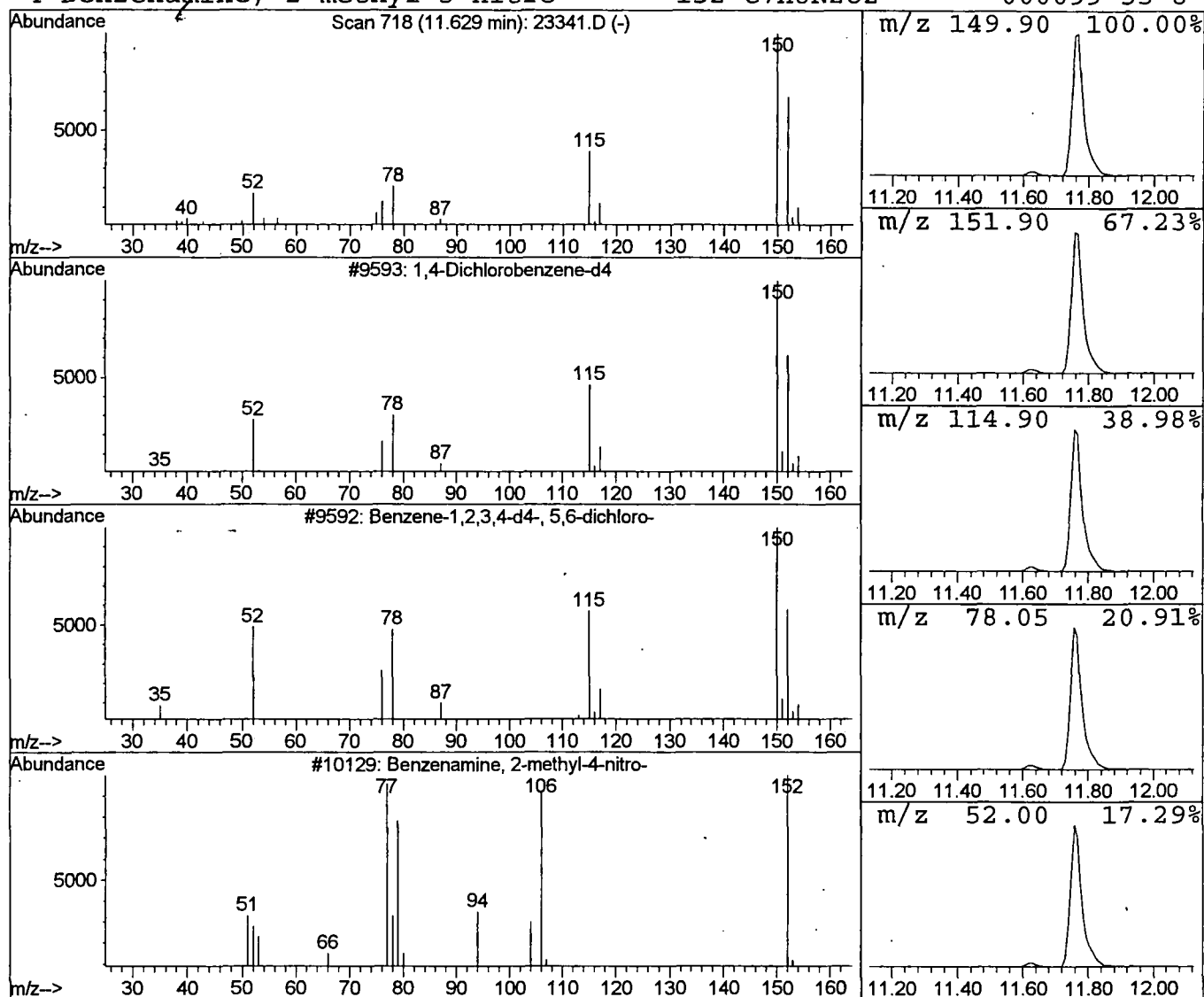
Data File : C:\HPCHEM\1\DATA\OCT1801\23341.D
Acq On : 19 Oct 2001 12:01 am
Sample : gc/ms unknown re extracted
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.63	0.51 ug/l	47721	1,4-Dichlorobenzene-d4	11.76	
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	32
3	Benzenamine, 2-methyl-4-nitro-		152 C7H8N2O2	000099-52-5	22
4	Benzenamine, 2-methyl-5-nitro-		152 C7H8N2O2	000099-55-8	14



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Oct 2001 12:01 am
Data File: C:\HPCHEM\1\DATA\OCT1801\23341.D
Name: gc/ms unknown re extracted
Misc:
Method: C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title: 209 625/TCLP calibration table 7/16/01
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc Units	Area	IntStd	ISRT	ISArea	ISConc
2-Hexanone	6.50	0.5 ug/l	50006	ISTD01	11.76	1867860	20.0
2-Pentanone, 4-hydro	7.76	1.3 ug/l	121796	ISTD01	11.76	1867860	20.0
1,4-Dichlorobenzene-	11.63	0.5 ug/l	47721	ISTD01	11.76	1867860	20.0

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