

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/19/2001 Time: 09:56:26

Sample: AD23342
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/19/01 09:56 Ended: 10/19/01 09:56 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23342 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-19-2001 Time: 09:56:38

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\23342.D

Vial: 11

Acq On : 19 Oct 2001 1:58 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 9:54 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	336226	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1291120	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	595030	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.08	188	854366	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	604563	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	436213	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	12.28	152	3529	0.22	ug/l	-0.15
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	18.80	172	1312	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

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Quantitation Report

(QT Reviewed)

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Acq On : 19 Oct 2001 1:58 am

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Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 19 9:54 2001

Vial: 11

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	25.08	178	100	N.D.		
57) Di-n-butylphthalate	27.09	149	1108	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	33.13	228	1351	N.D.		
66) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.		
67) Chrysene	33.13	228	1351	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\OCT1801\23342.D

Vial: 11

Acq On : 19 Oct 2001 1:58 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 9:54 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	1559	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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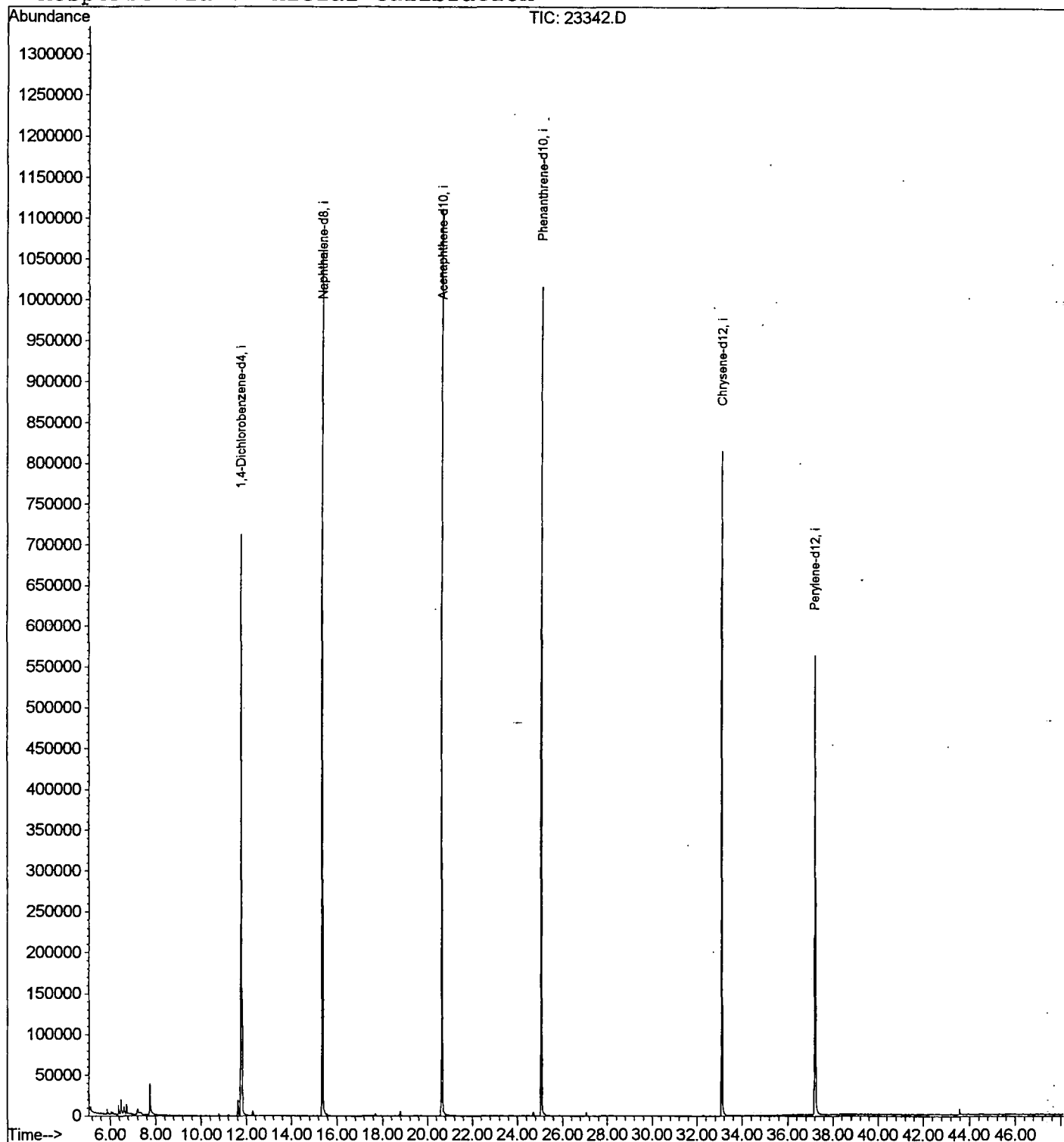
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23342.D
Acq On : 19 Oct 2001 1:58 am
Sample : gc/ms unknown re extracted
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 19 9:54 2001

Vial: 11
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



23342.D NP091101.M

Fri Oct 19 10:04:48 2001

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23342.D

Vial: 11

Acq On : 19 Oct 2001 1:58 am

Operator: 209 GALOS

Sample : gc/ms unknown re extracted

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

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	6.375	142	145	153	rBV	11768	25148	1.05%	0.203%
2	6.485	153	157	168	rVV	17863	47860	1.99%	0.385%
3	6.733	180	184	189	rBV	11651	24403	1.02%	0.197%
4	7.752	291	295	307	rBV	37245	96286	4.01%	0.776%
5	11.626	713	717	727	rBV	19423	44682	1.86%	0.360%
6	11.764	727	732	751	rVV	712040	1762258	73.33%	14.194%
7	15.371	1119	1125	1143	rBV	1059209	2373781	98.78%	19.119%
8	20.659	1694	1701	1722	rBV	1111188	2403111	100.00%	19.355%
9	25.084	2176	2183	2196	rBV	1016257	2204171	91.72%	17.753%
10	33.117	3051	3058	3075	rBV2	814497	1867089	77.69%	15.038%
11	37.230	3498	3506	3521	rBV2	561676	1567012	65.21%	12.621%

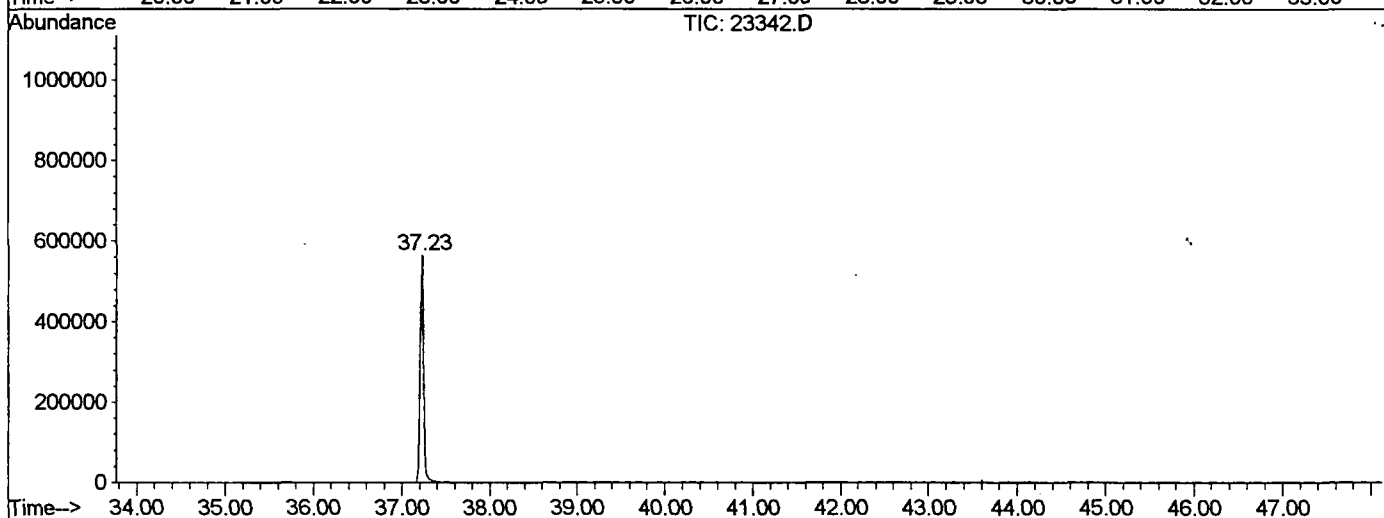
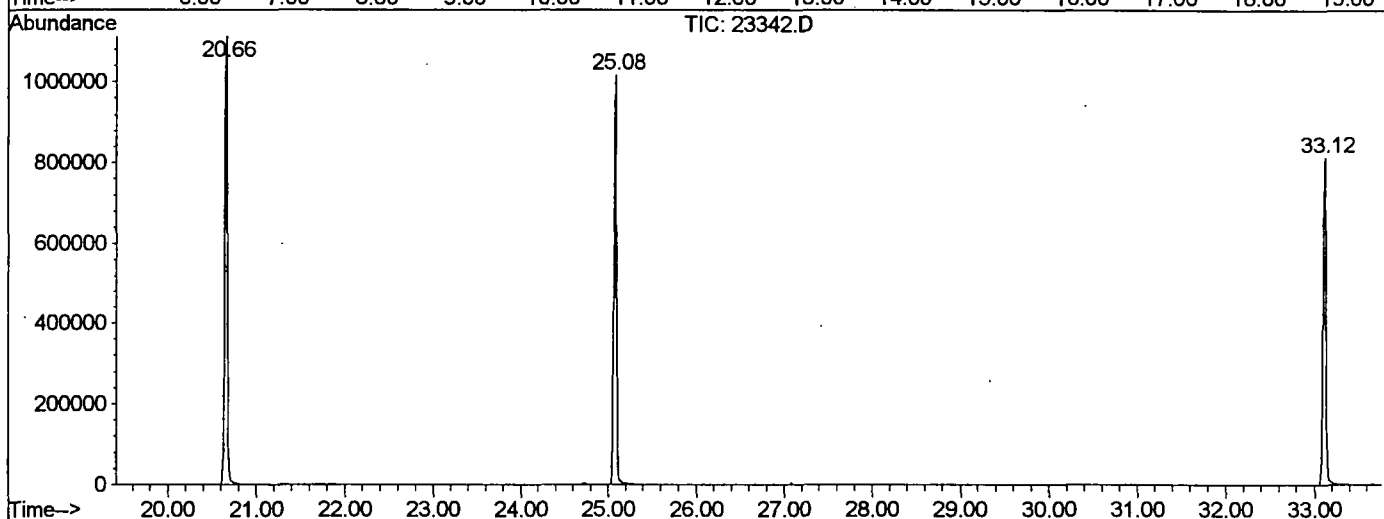
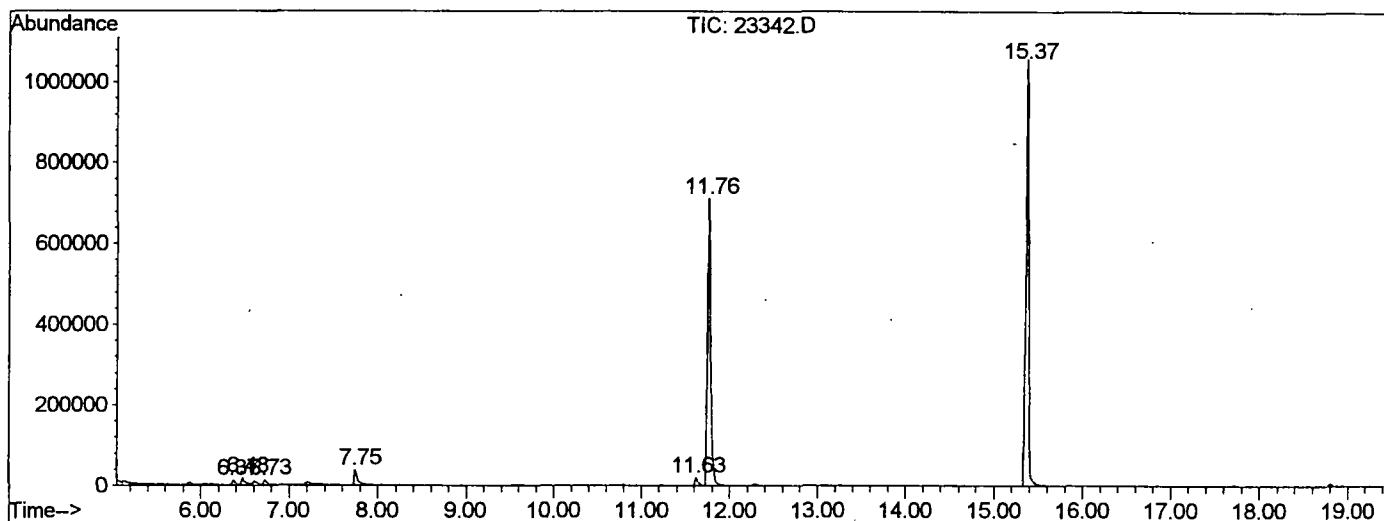
Sum of corrected areas: 12415801

23342.D NP091101.M

Fri Oct 19 10:13:22 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1801\23342.D
 Operator : 209 GALOS
 Acquired : 19 Oct 2001 1:58 am using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown re extracted
 Misc Info :
 Vial Number: 11
 Quant File :NP091101.RES (RTE Integrator)



23342.D NP091101.M Fri Oct 19 10:13:24 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23342.D
Acq On : 19 Oct 2001 1:58 am
Sample : gc/ms unknown re extracted
Misc :
MS Integration Params: LSCINT.P

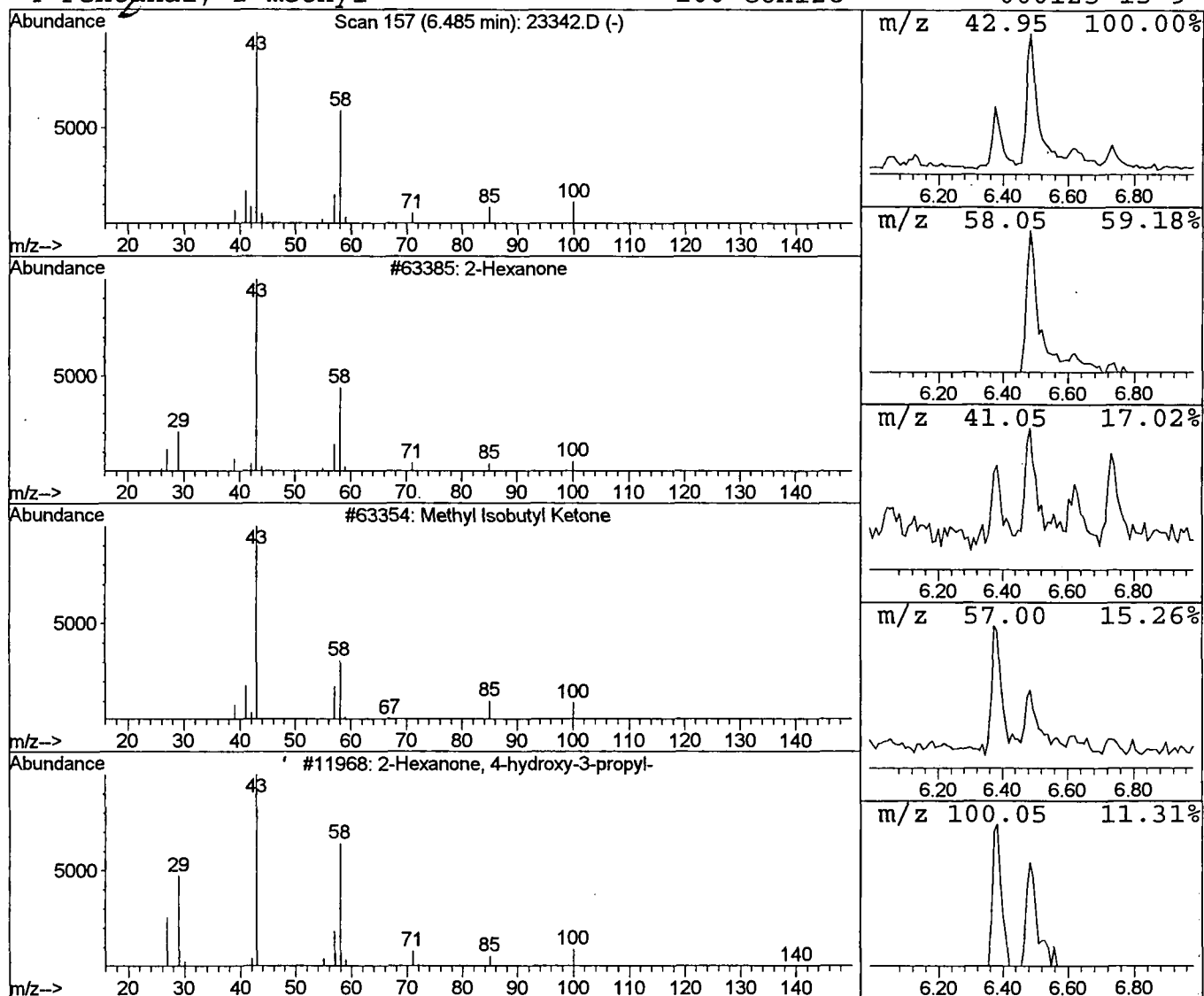
Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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.
6.48	0.54 ug/l	47860	1,4-Dichlorobenzene-d4	11.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	91
2			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
3			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	43
4			Pentanal, 2-methyl-	100	C6H12O	000123-15-9	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23342.D
 Acq On : 19 Oct 2001 1:58 am
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: LSCINT.P

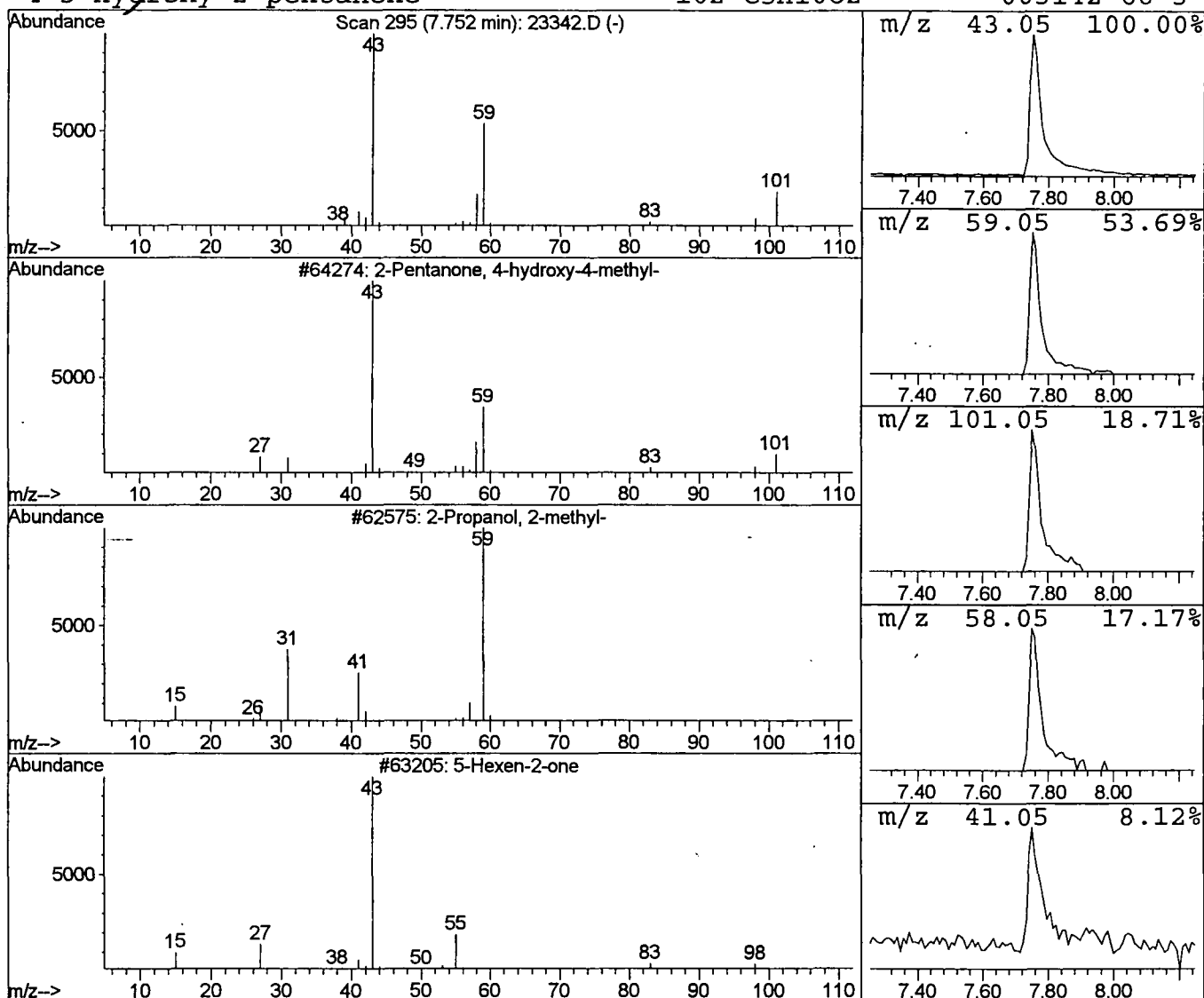
Vial: 11
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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.
7.75	1.09 ug/l	96286	1,4-Dichlorobenzene-d4	11.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45	
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17	
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23342.D
Acq On : 19 Oct 2001 1:58 am
Sample : gc/ms unknown re extracted
Misc :
MS Integration Params: LSCINT.P

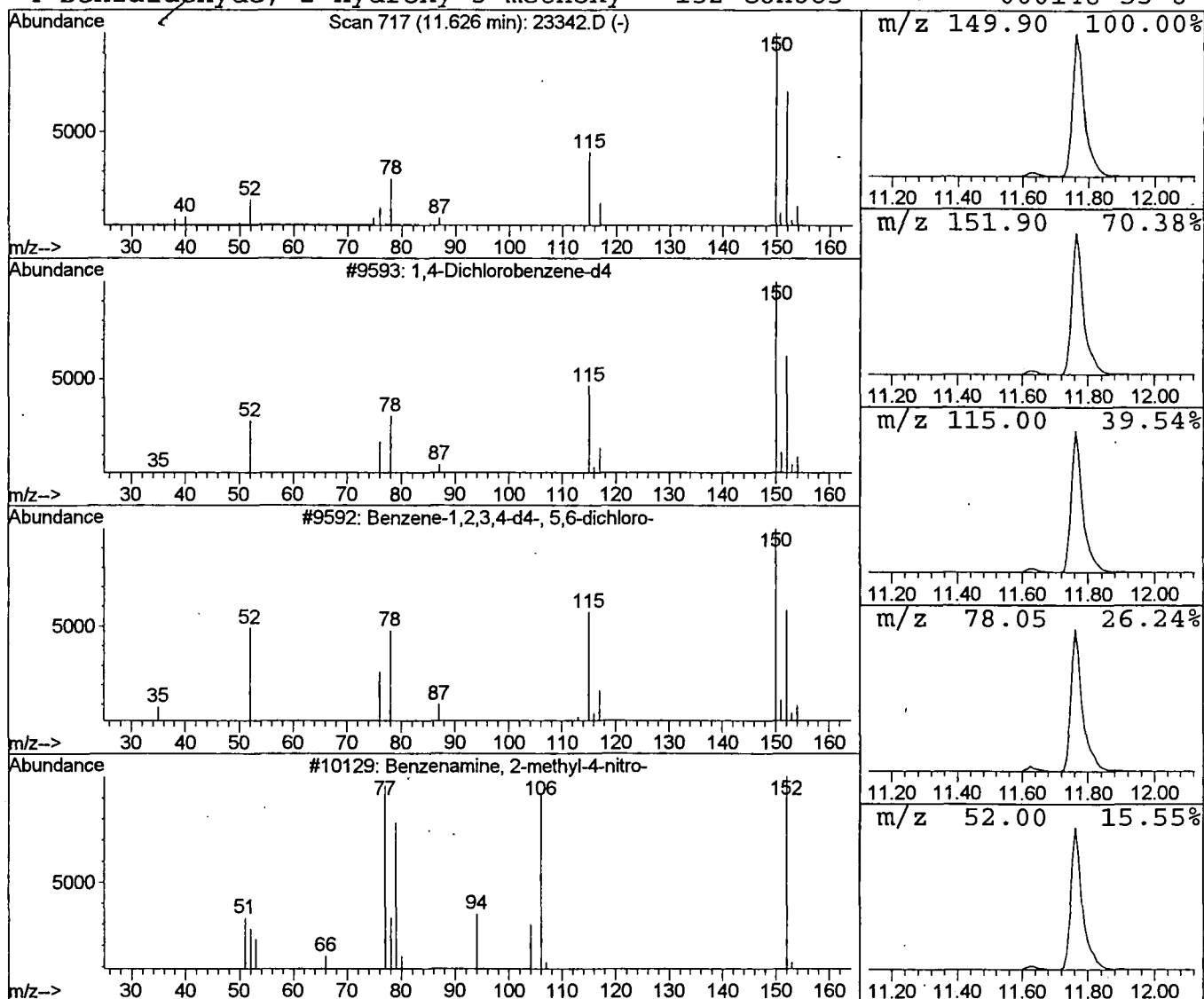
Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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	44682	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	78
2			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	40
3			Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	14
4			Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Oct 2001 1:58 am
Data File: C:\HPCHEM\1\DATA\OCT1801\23342.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	6.48	0.5	ug/l	47860	ISTD01	11.76	1762260	20.0
2- Pentanone , 4-hydro	7.75	1.1	ug/l	96286	ISTD01	11.76	1762260	20.0
1,4- Dichlorobenzene -	11.63	0.5	ug/l	44682	ISTD01	11.76	1762260	20.0

23342.D NP091101.M Fri Oct 19 10:13:31 2001