

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/19/2001 Time: 09:58:39

Sample: AD23359
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/19/01 09:58 Ended: 10/19/01 09:58 Analyst: MG
 Page: 1

	Component Name	Vol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23359 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-19-2001 Time: 09:58:44

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\23359.D
 Acq On : 18 Oct 2001 11:02 pm
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 19 9:53 2001

Vial: 8
 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.76	152	362854	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1395686	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	654474	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.09	188	966112	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	701850	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	514052	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	3463	0.20	ug/l	-0.14
Spiked Amount	50.000		Recovery	=	0.40%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.81	172	1607	0.04	ug/l	0.00
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

23359.D NP091101.M Fri Oct 19 10:01:49 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1801\23359.D

Vial: 8

Acq On : 18 Oct 2001 11:02 pm

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
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	25.09	178	280	N.D.		
56) Anthracene	25.09	178	280	N.D.		
57) Di-n-butylphthalate	27.08	149	1004	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	1610	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.38	149	574	N.D.		
67) Chrysene	33.13	228	1610	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\23359.D

Vial: 8

Acq On : 18 Oct 2001 11:02 pm

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	37.24	252	1830	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
23359.D NP091101.M Fri Oct 19 10:01:55 2001

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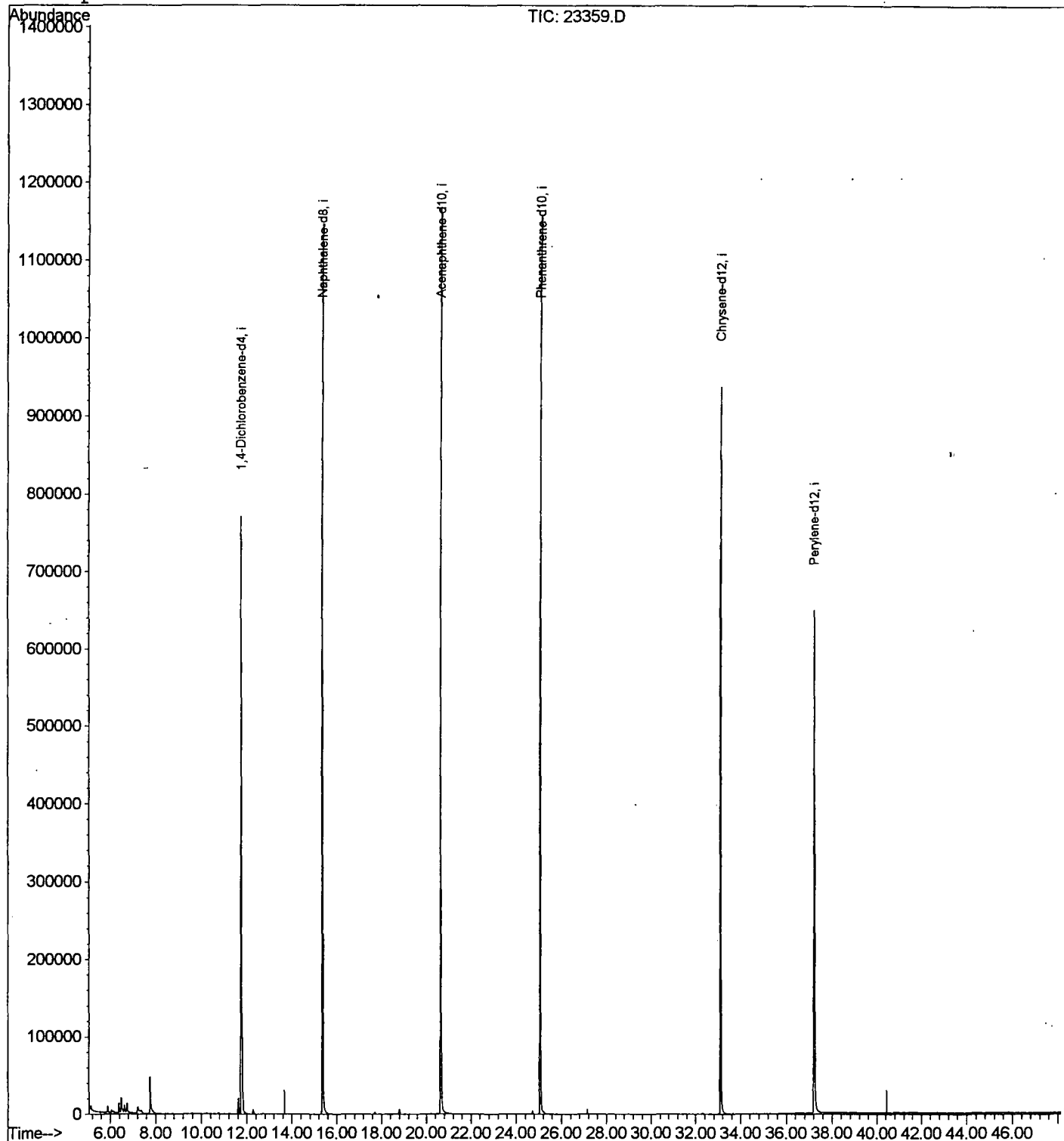
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23359.D
 Acq On : 18 Oct 2001 11:02 pm
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 19 9:53 2001

Vial: 8
 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23359.D

Vial: 8

Acq On : 18 Oct 2001 11:02 pm

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	6.486	154	157	168	rVV	19182	47966	1.85%	0.347%
2	6.734	180	184	193	rVB	12391	29042	1.12%	0.210%
3	7.753	292	295	308	rBV	47110	120902	4.65%	0.875%
4	11.627	712	717	726	rBV	20555	47373	1.82%	0.343%
5	11.765	726	732	751	rBV	770805	1901656	73.17%	13.761%
6	15.372	1119	1125	1142	rBV	1146569	2566901	98.77%	18.575%
7	20.660	1694	1701	1713	rBV	1167721	2598987	100.00%	18.807%
8	25.085	2176	2183	2195	rBV2	1156049	2482059	95.50%	17.961%
9	33.118	3051	3058	3073	rBV2	937148	2167558	83.40%	15.685%
10	37.231	3495	3506	3524	rBV2	647734	1856560	71.43%	13.435%

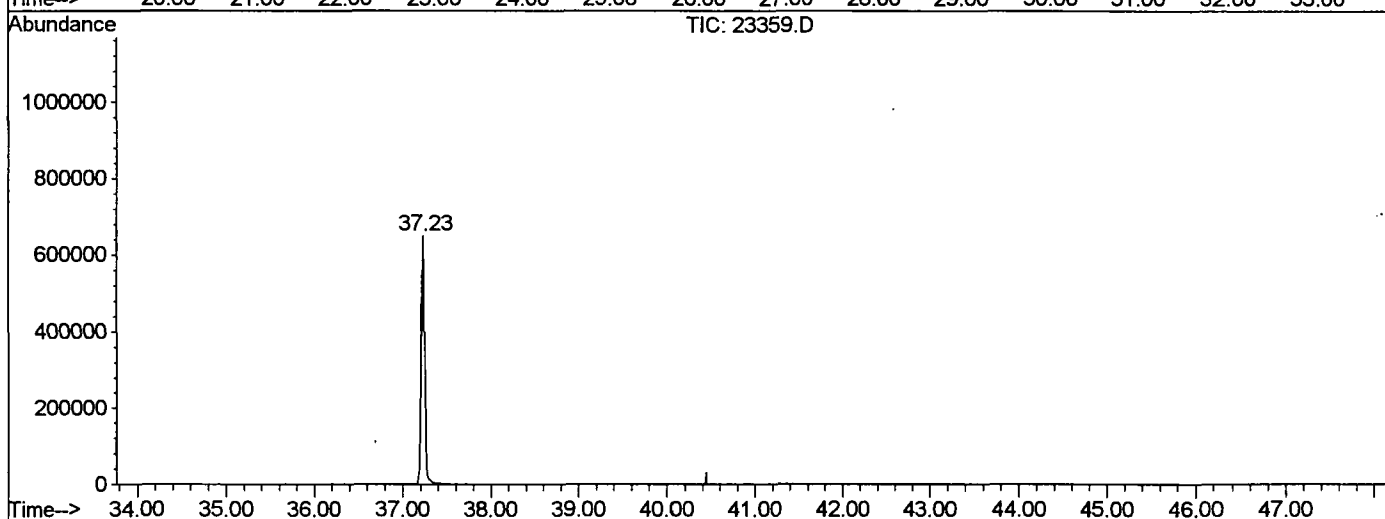
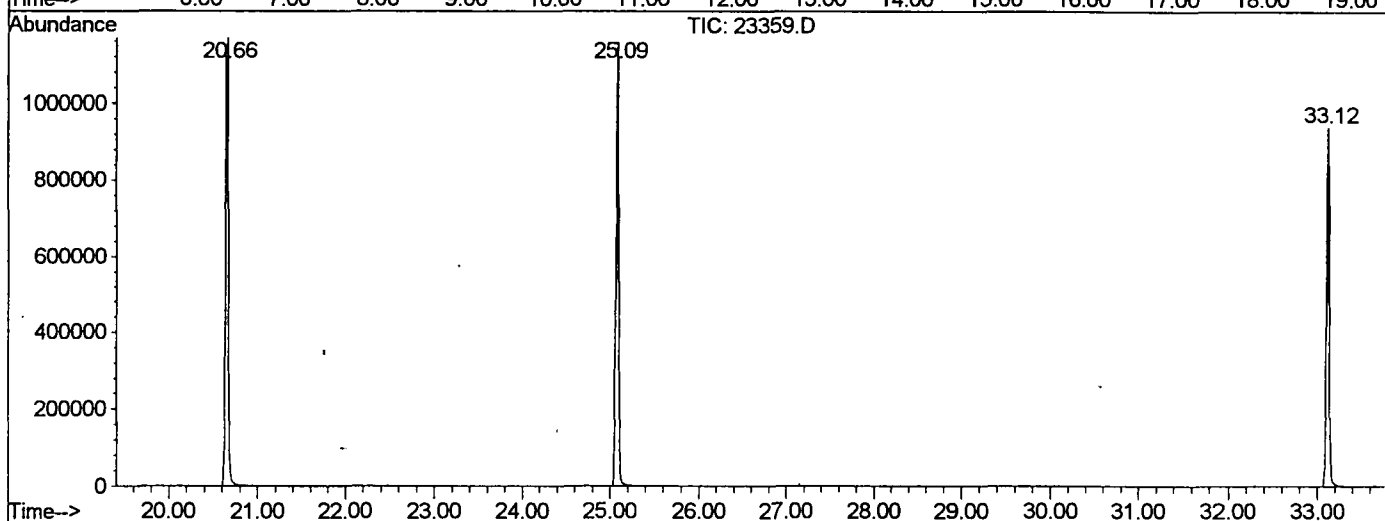
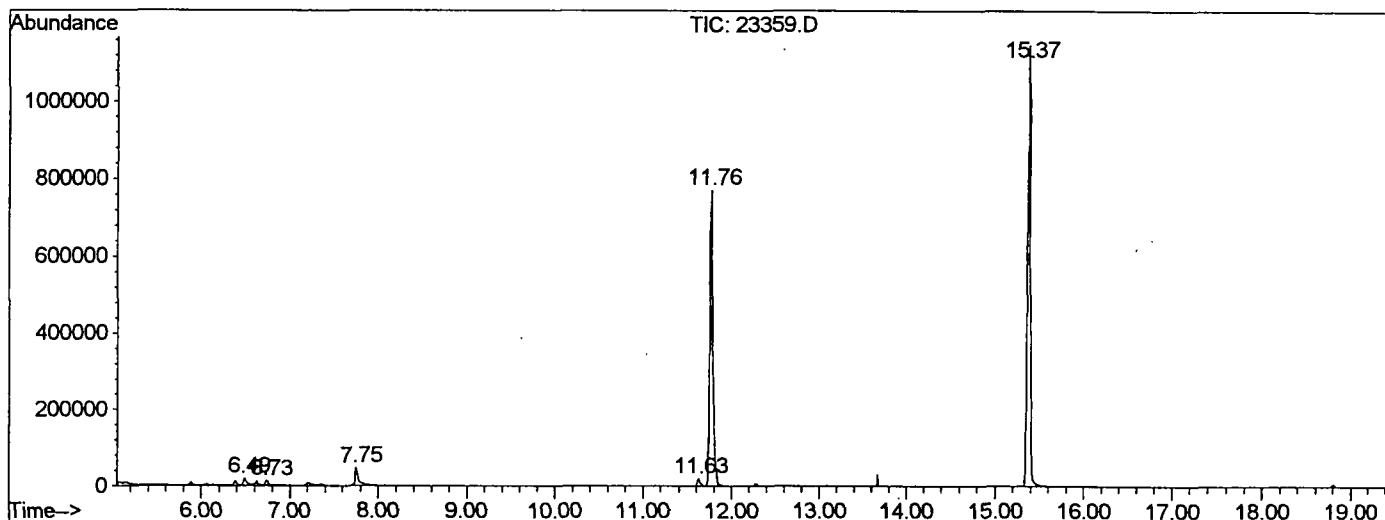
Sum of corrected areas: 13819004

23359.D NP091101.M

Fri Oct 19 10:14:40 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1801\23359.D
 Operator : 209 GALOS
 Acquired : 18 Oct 2001 11:02 pm using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown re extracted
 Misc Info :
 Vial Number: 8
 Quant File :NP091101.RES (RTE Integrator)



23359.D NP091101.M Fri Oct 19 10:14:42 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23359.D
 Acq On : 18 Oct 2001 11:02 pm
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: LSCINT.P

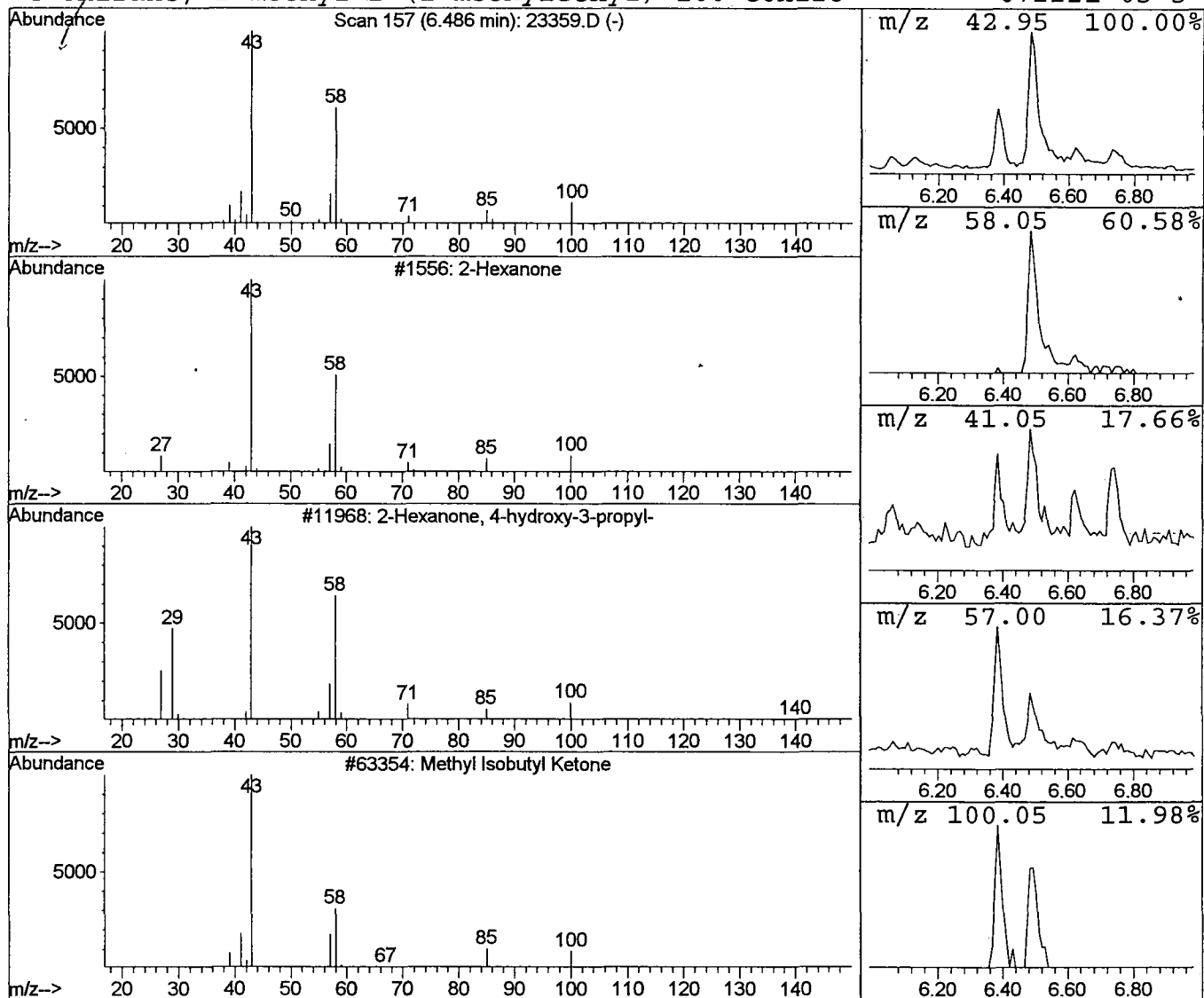
Vial: 8
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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.
6.49	0.50 ug/l	47966	1,4-Dichlorobenzene-d4	11.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanone	100	C6H12O	000591-78-6	91
2		2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
3		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
4		Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23359.D

Acq On : 18 Oct 2001 11:02 pm

Sample : gc/ms unknown re extracted

Misc :

MS Integration Params: LSCINT.P

Vial: 8

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

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

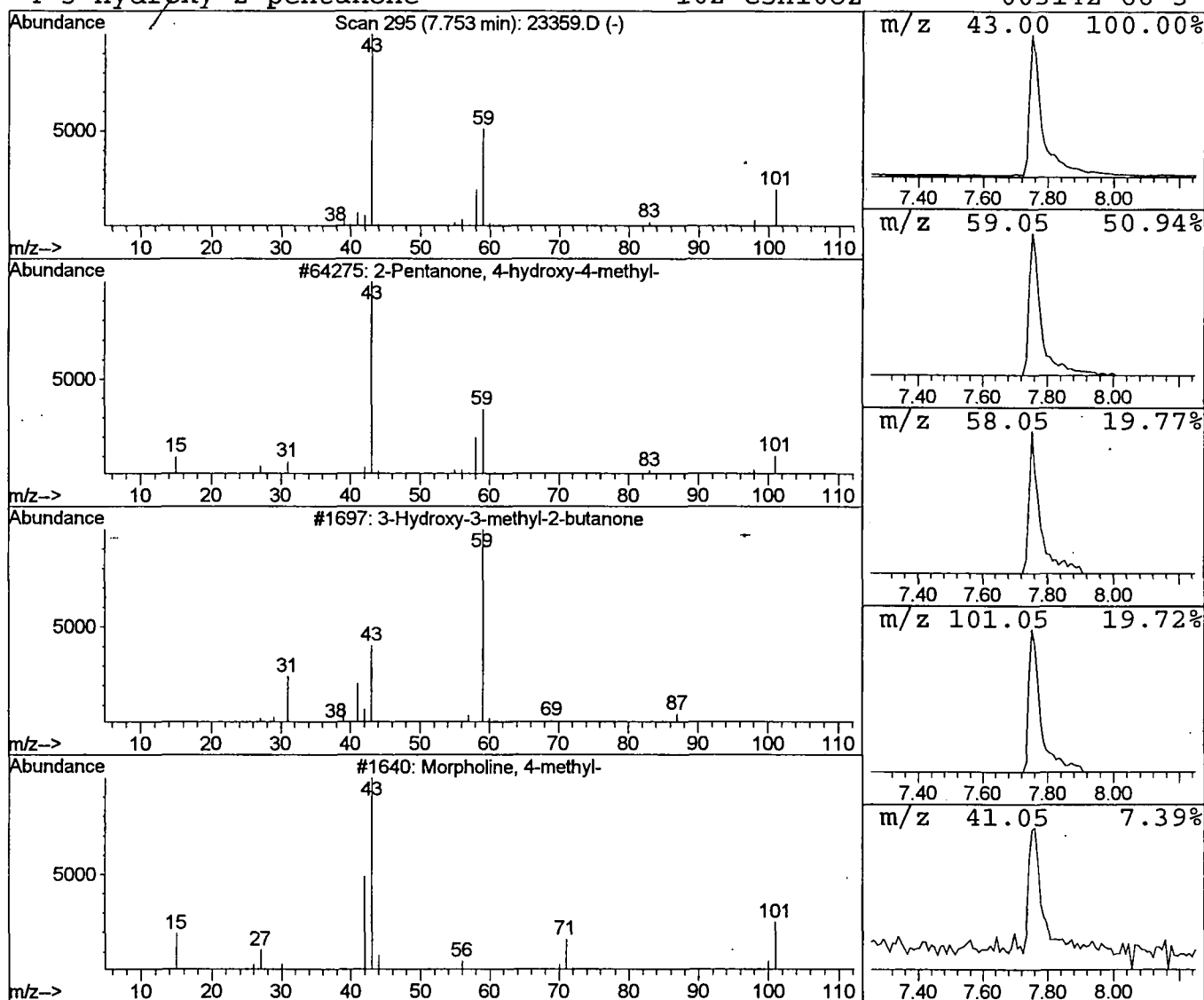
Title : 209 625/TCLP calibration table 7/16/01

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	1.27 ug/l	120902	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	78
2			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

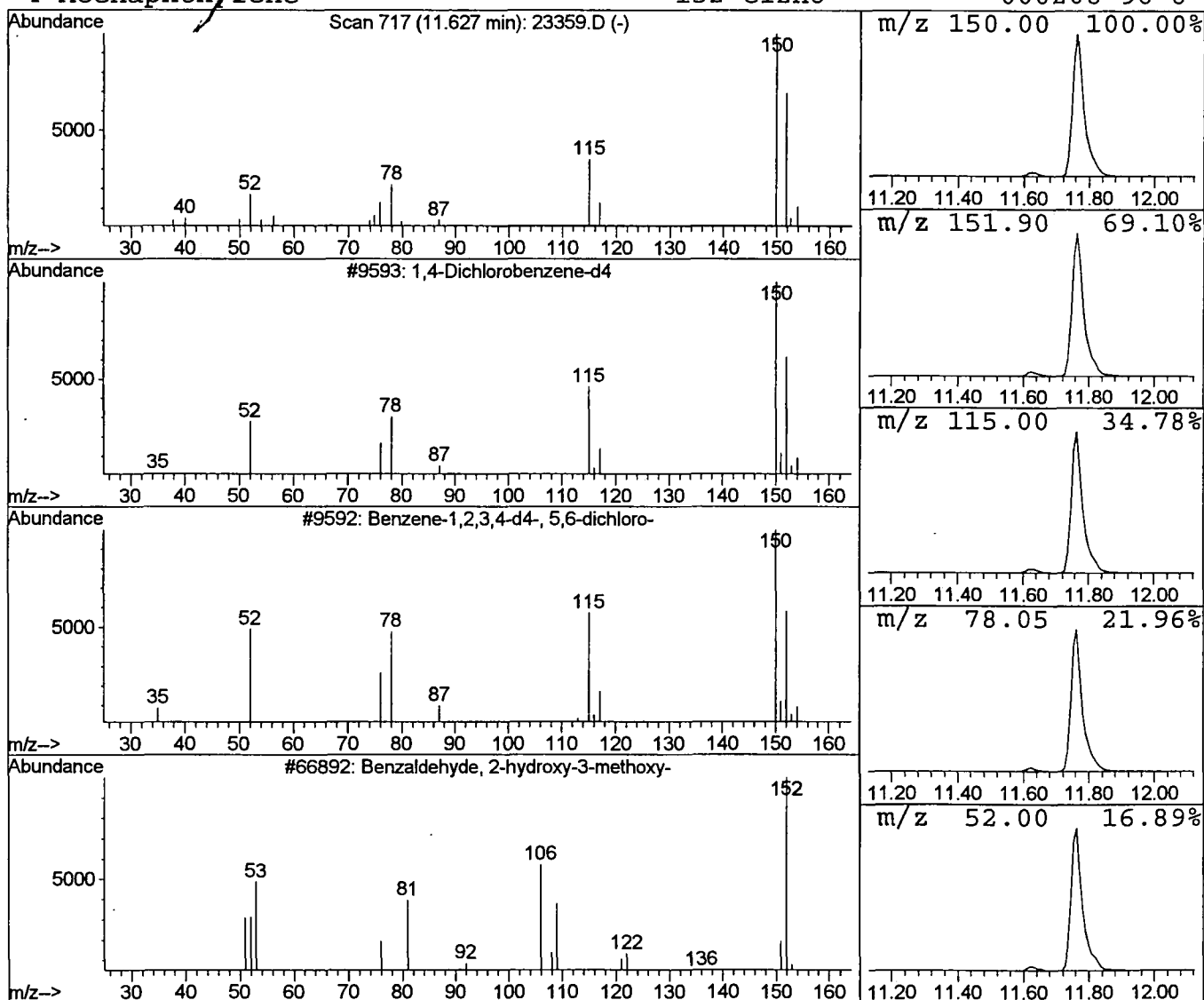
Data File : C:\HPCHEM\1\DATA\OCT1801\23359.D
Acq On : 18 Oct 2001 11:02 pm
Sample : gc/ms unknown re extracted
Misc :
MS Integration Params: LSCINT.P

Vial: 8
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	0.50 ug/l	47373	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	53
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	25
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Acenaphthylene	152	C12H8	000208-96-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Oct 2001 11:02 pm
Data File: C:\HPCHEM\1\DATA\OCT1801\23359.D
Name: gc/ms unknown re extracted
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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	6.49	0.5	ug/l	47966	ISTD01	11.76	1901660	20.0
2-Pentanone, 4-hydro	7.75	1.3	ug/l	120902	ISTD01	11.76	1901660	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	47373	ISTD01	11.76	1901660	20.0

23359.D NP091101.M Fri Oct 19 10:14:49 2001