

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/23/2001 Time: 14:40:40

Sample: AD23913
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/23/01 14:40 Ended: 10/23/01 14:40 Analyst: MG
 Page: 1

	Compound Name	Value	Result
1	Other unknown compounds		see comment

Comments for Sample AD23913 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-23-2001 Time: 14:40:45

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\23913.D

Vial: 6

Acq On : 18 Oct 2001 9:05 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 19 9:51 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	11.77	152	370582	20.00	ug/l	-0.14
19) Naphthalene-d8	15.38	136	1516587m	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	870072	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.09	188	1790098	20.00	ug/l	-0.15
59) Chrysene-d12	33.13	240	1424831	20.00	ug/l	-0.15
68) Perylene-d12	37.25	264	1056146	20.00	ug/l	-0.17

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	3556	0.20	ug/l	-0.15
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	18.80	172	1532	0.03	ug/l	-0.01
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

23913.D NP091101.M Fri Oct 19 10:00:23 2001

Page 1

Quantitation Report

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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.		
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	22.17	149	253	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	467	N.D.		
56) Anthracene	25.08	178	467	N.D.		
57) Di-n-butylphthalate	27.08	149	1269	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	3432	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.39	149	306	N.D.		
67) Chrysene	33.13	228	3432	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

23913.D NP091101.M Fri Oct 19 10:00:29 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1801\23913.D

Vial: 6

Acq On : 18 Oct 2001 9:05 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 19 9:51 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	3655	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

23913.D NP091101.M Fri Oct 19 10:00:31 2001

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23913.D

Acq On : 18 Oct 2001 9:05 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 19 9:51 2001

Vial: 6

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

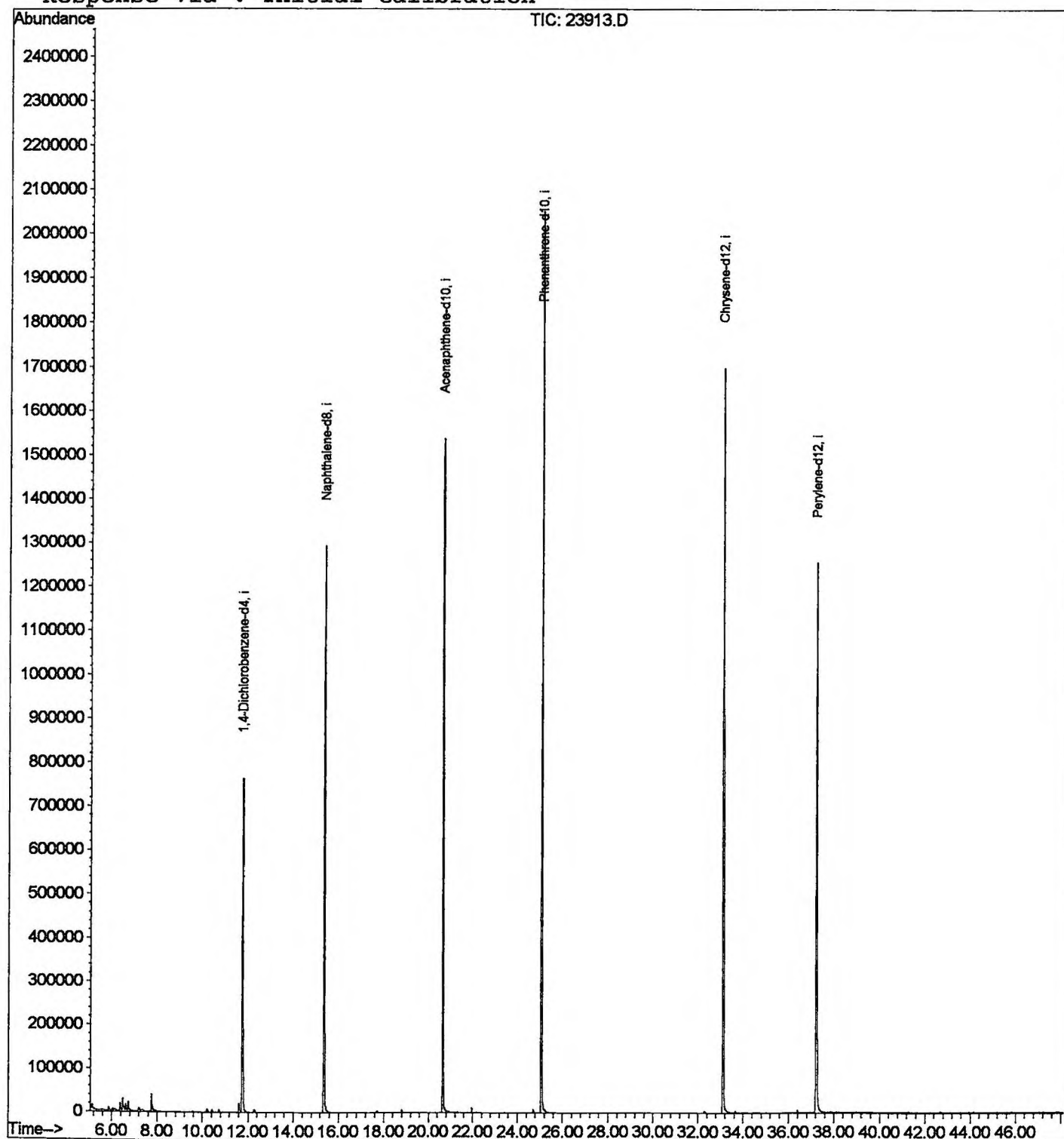
Quant Results File: NP091101.RES

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\23913.D
 Acq On : 18 Oct 2001 9:05 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 6
 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

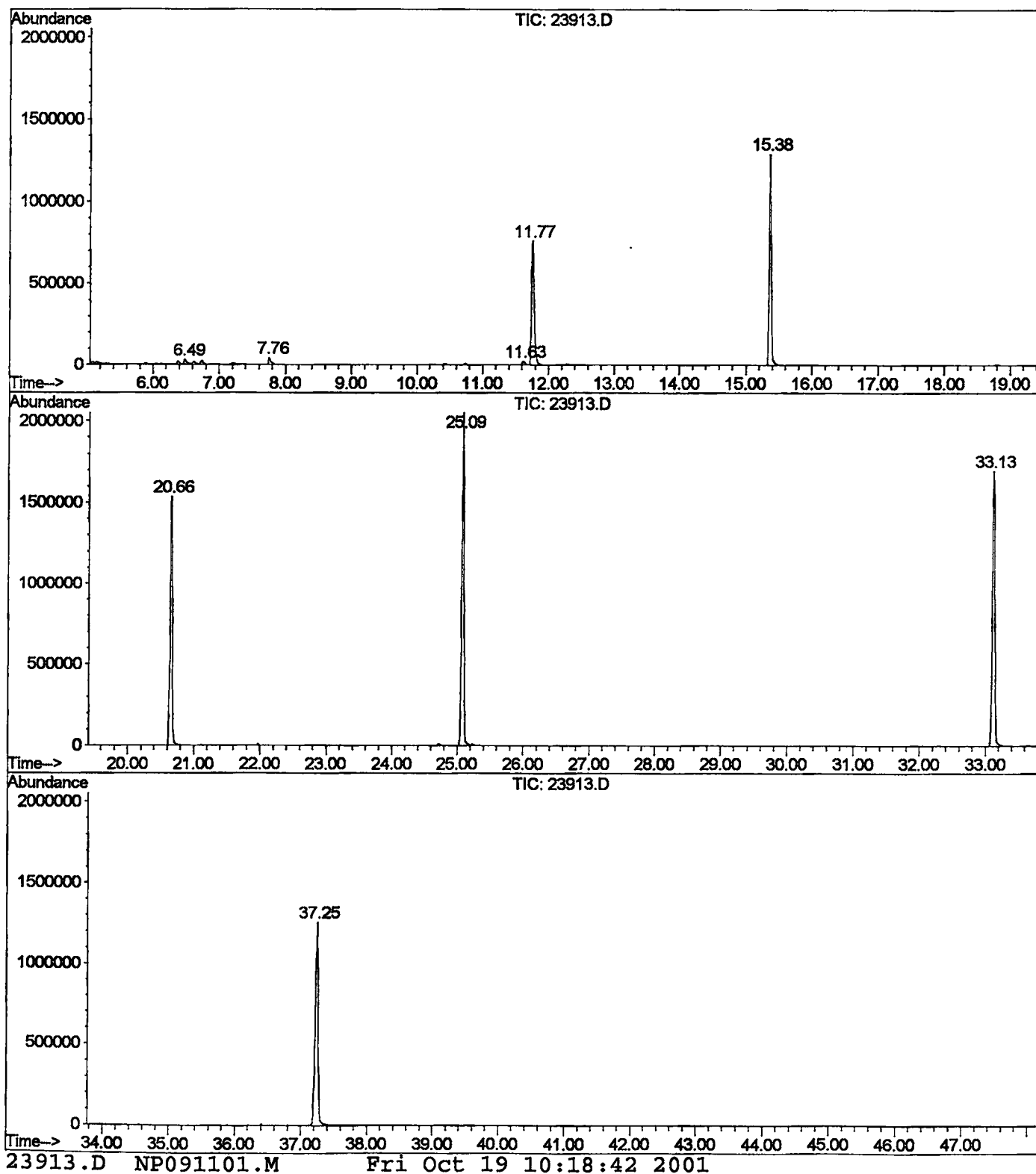
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.489	154	158	169	rVV	29835	80333	1.74%	0.377%
2	7.756	292	296	311	rBV	39712	100090	2.17%	0.470%
3	11.630	712	718	727	rBV	20956	52909	1.15%	0.248%
4	11.767	727	733	748	rBV	761146	1953172	42.40%	9.171%
5	15.375	1120	1126	1142	rBV	1292203	2794801	60.67%	13.123%
6	20.663	1695	1702	1720	rBV	1536906	3465220	75.23%	16.270%
7	25.088	2177	2184	2196	rBV2	2050655	4606323	100.00%	21.628%
8	33.130	3052	3060	3079	rBV2	1696844	4417914	95.91%	20.744%
9	37.252	3499	3509	3527	rBV2	1253403	3826902	83.08%	17.969%

Sum of corrected areas: 21297664

23913.D NP091101.M Fri Oct 19 10:18:40 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1801\23913.D
Operator : 209 GALOS
Acquired : 18 Oct 2001 9:05 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 6
Quant File :NP091101.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23913.D
 Acq On : 18 Oct 2001 9:05 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

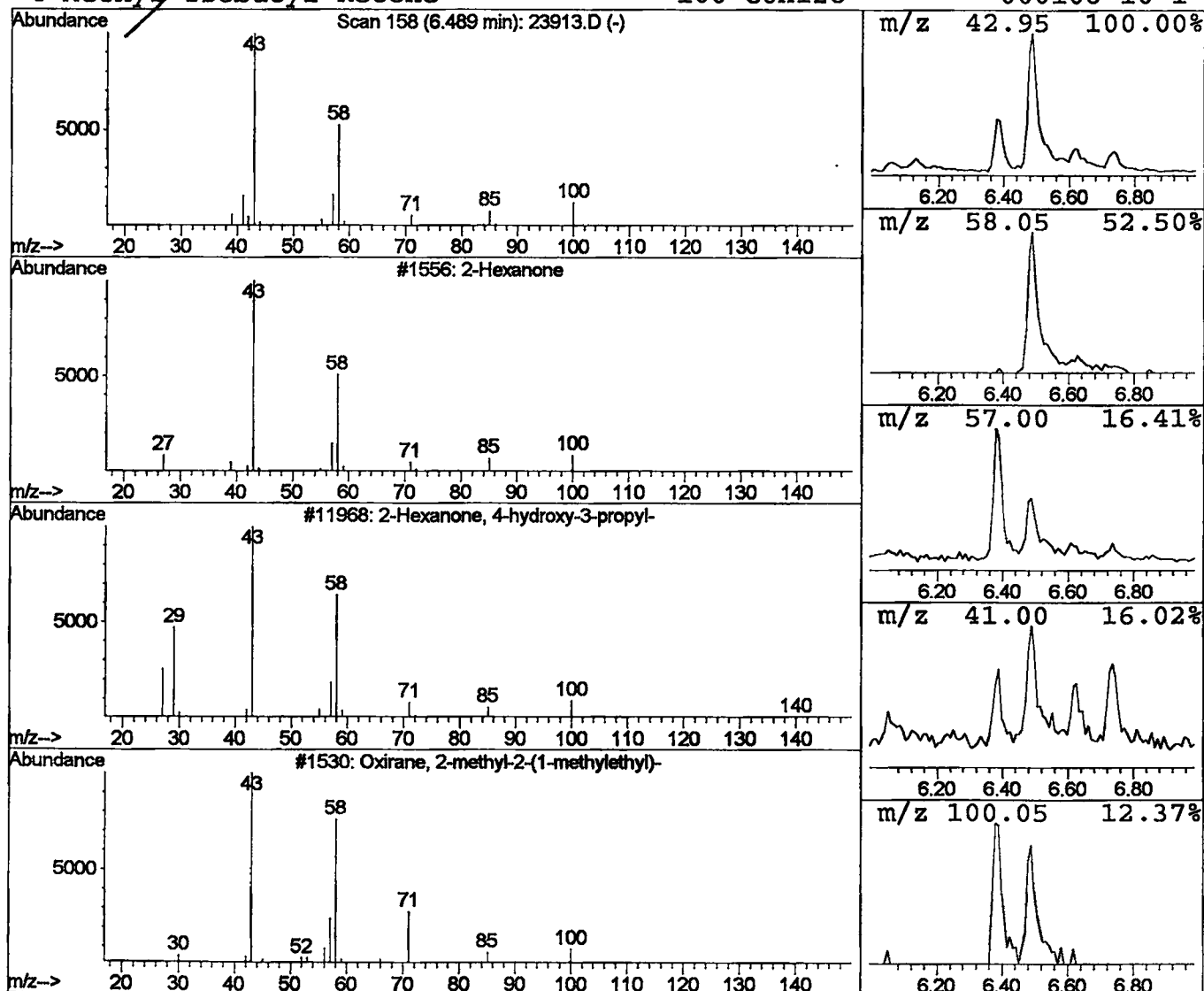
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.82 ug/l	80333	1,4-Dichlorobenzene-d4	11.77

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	83
3		Oxirane 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	59
4		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	52



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23913.D
Acq On : 18 Oct 2001 9:05 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

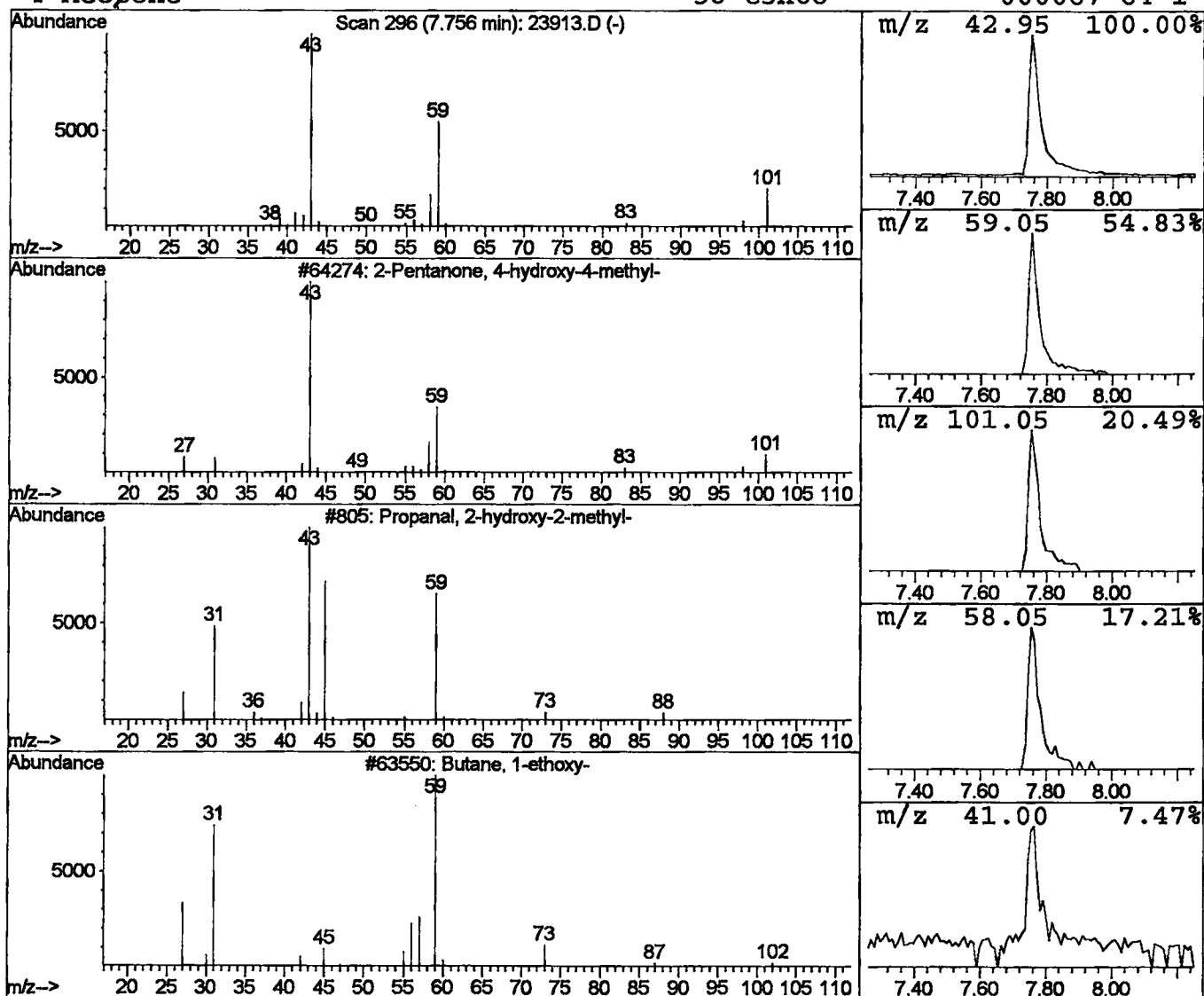
Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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	1.02 ug/l	100090	1,4-Dichlorobenzene-d4	11.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	28
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23913.D
 Acq On : 18 Oct 2001 9:05 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

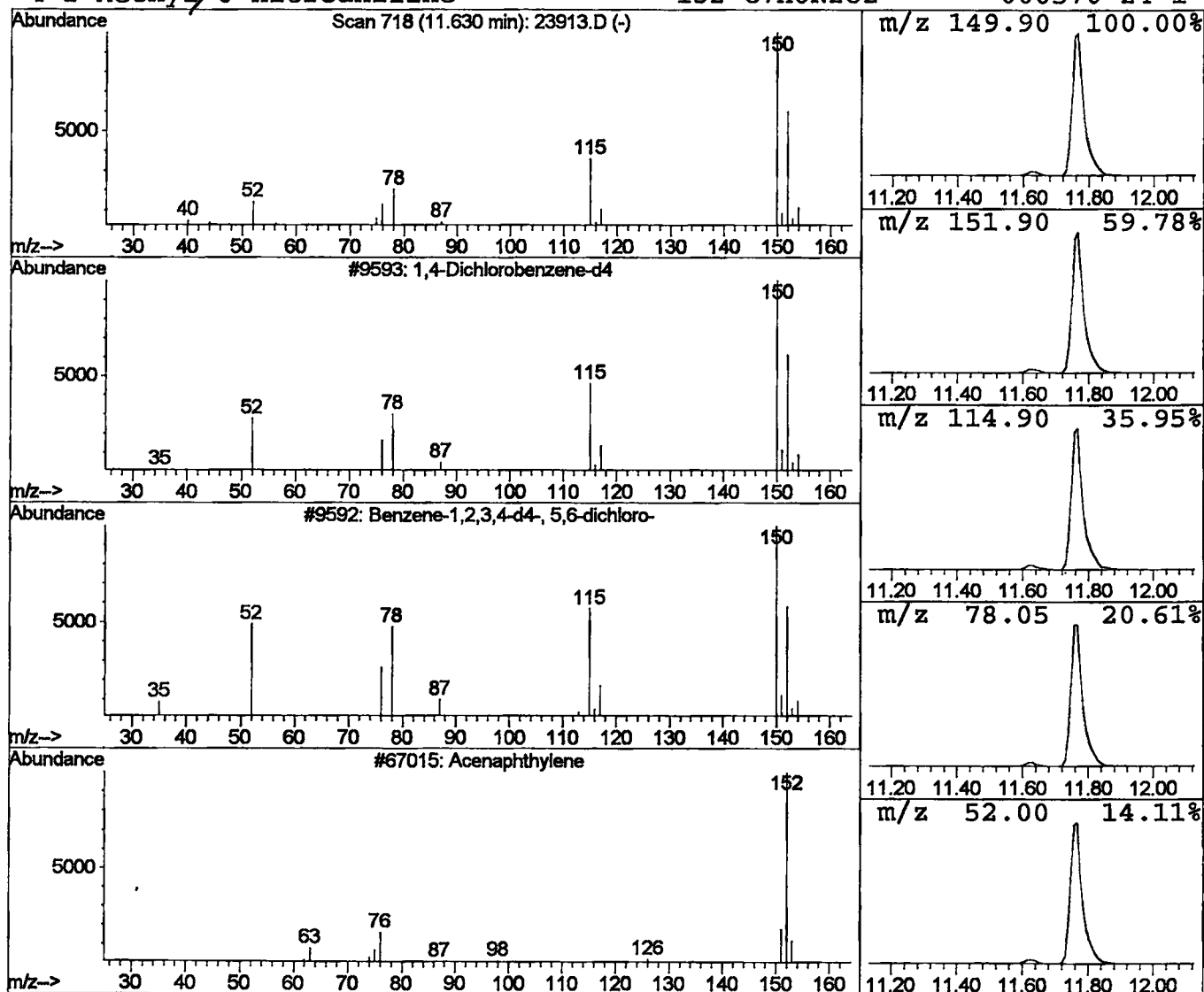
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.54 ug/l	52909	1,4-Dichlorobenzene-d4	11.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	87
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	40
3		Acenaphthylene	152	C12H8	000208-96-8	10
4		2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Oct 2001 9:05 pm
Data File: C:\HPCHEM\1\DATA\OCT1801\23913.D
Name: gc/ms unknown
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	6.49	0.8	ug/l	80333	ISTD01	11.77	1953170	20.0
2-Pentanone , 4-hydro	7.76	1.0	ug/l	100090	ISTD01	11.77	1953170	20.0
1,4-Dichlorobenzene	11.63	0.5	ug/l	52909	ISTD01	11.77	1953170	20.0

23913.D NP091101.M Fri Oct 19 10:18:49 2001

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23913.D

Vial: 6

Acq On : 18 Oct 2001 9:05 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP101901.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	6.489	154	158	169	rVV	29835	80333	1.74%	0.377%
2	7.756	292	296	311	rBV	39712	100090	2.17%	0.470%
3	11.630	712	718	727	rBV	20956	52909	1.15%	0.248%
4	11.767	727	733	748	rBV	761146	1953172	42.40%	9.171%
5	15.375	1120	1126	1142	rBV	1292203	2794801	60.67%	13.123%
6	20.663	1695	1702	1720	rBV	1536906	3465220	75.23%	16.270%
7	25.088	2177	2184	2196	rBV2	2050655	4606323	100.00%	21.628%
8	33.130	3052	3060	3079	rBV2	1696844	4417914	95.91%	20.744%
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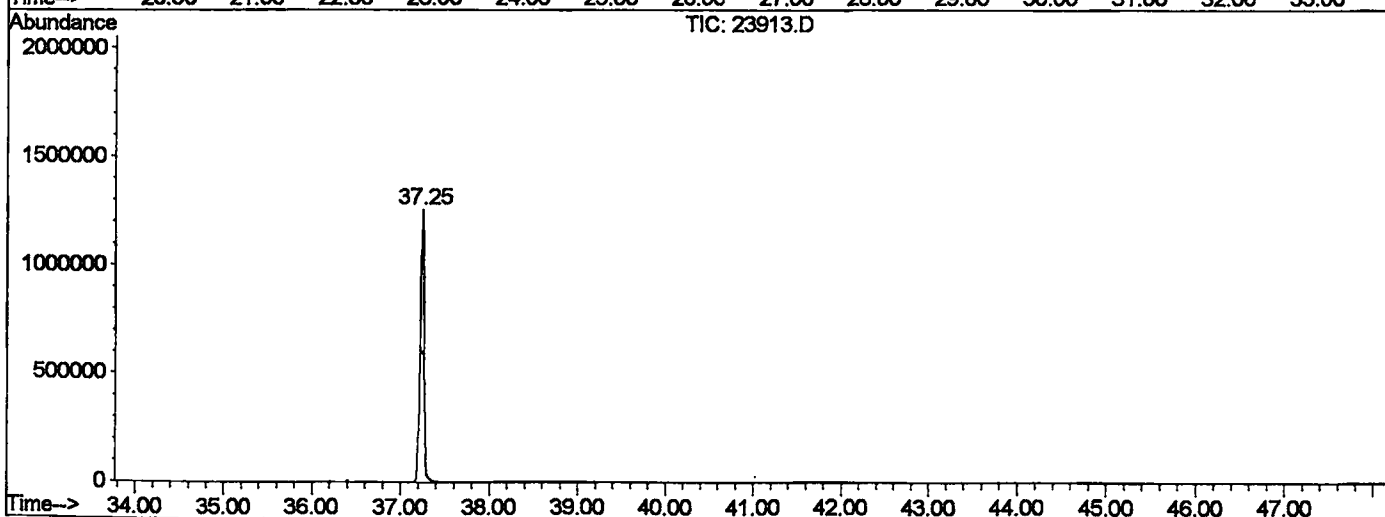
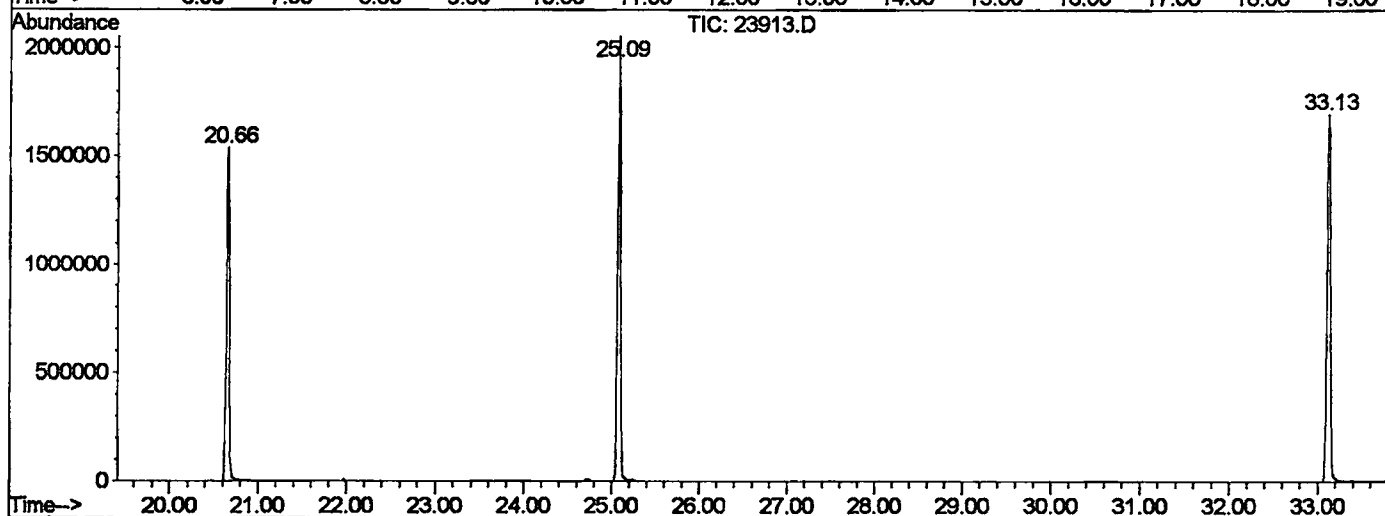
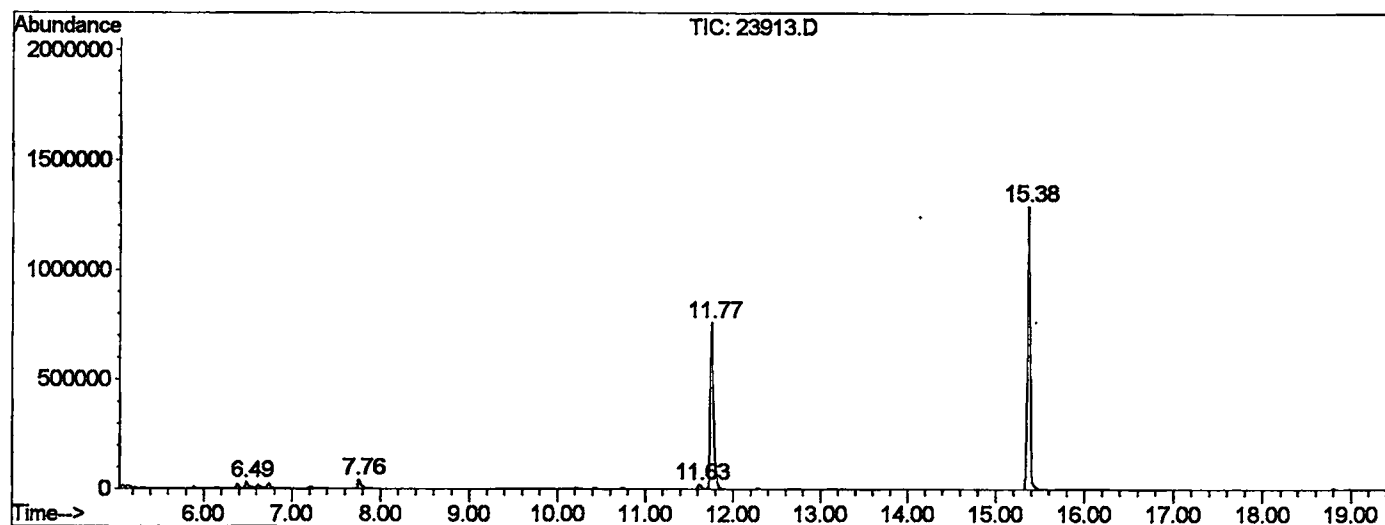
Sum of corrected areas: 21297664

23913.D NP101901.M

Tue Oct 23 14:34:29 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1801\23913.D
 Operator : 209 GALOS
 Acquired : 18 Oct 2001 9:05 pm using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 6
 Quant File :NP091101.RES (RTE Integrator)



23913.D NP101901.M Tue Oct 23 14:34:31 2001

Library Search Compound Report

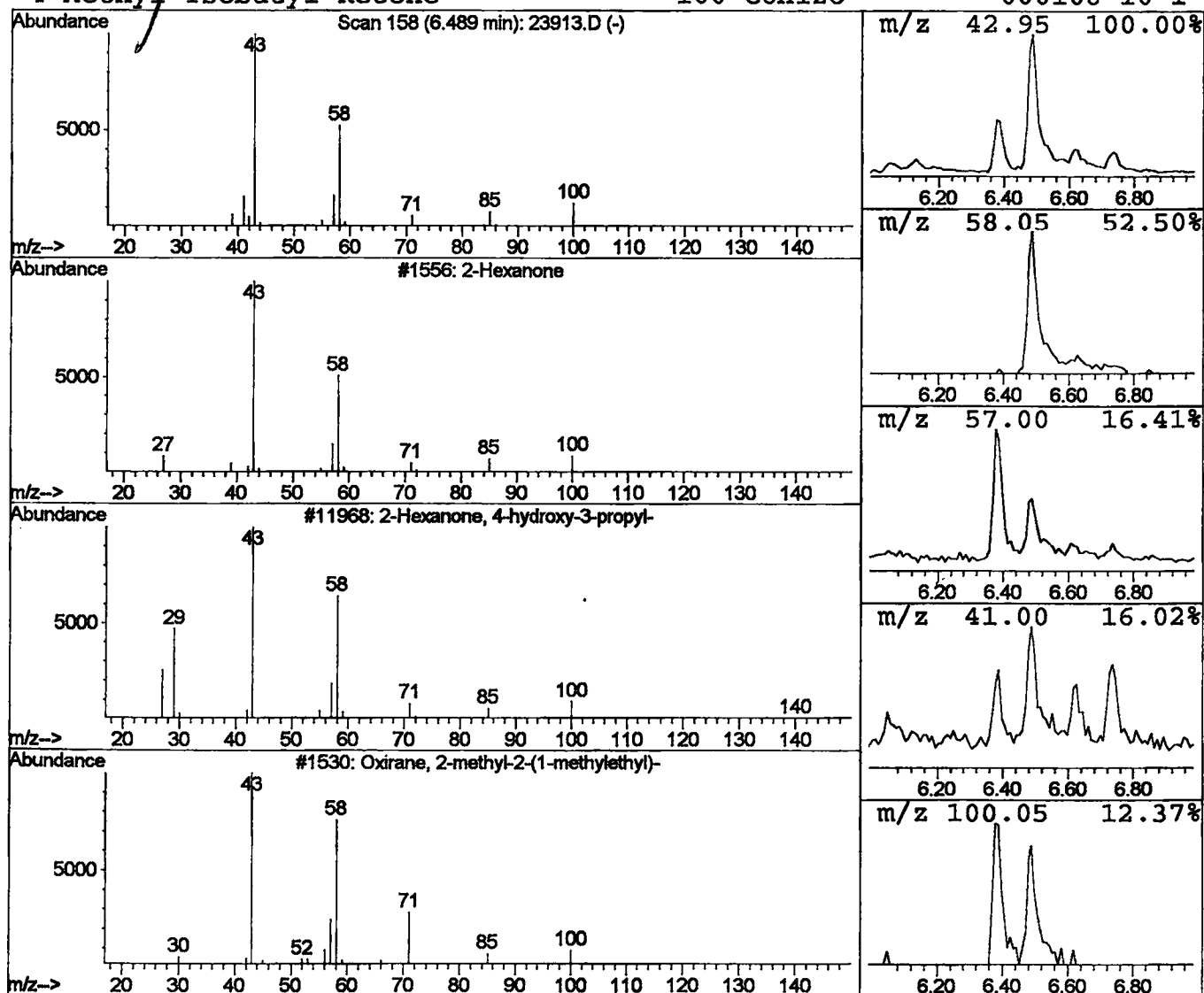
Data File : C:\HPCHEM\1\DATA\OCT1801\23913.D
 Acq On : 18 Oct 2001 9:05 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 6
 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	0.82 ug/l	80333	1,4-Dichlorobenzene-d4	11.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Hexanone	100 C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-3-propyl-	158 C9H18O2	062338-17-4	83
3	Oxirane, 2-methyl-2-(1-methylethyl)	100 C6H12O	072221-03-5	59
4	Methyl Isobutyl Ketone	100 C6H12O	000108-10-1	52



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23913.D
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 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

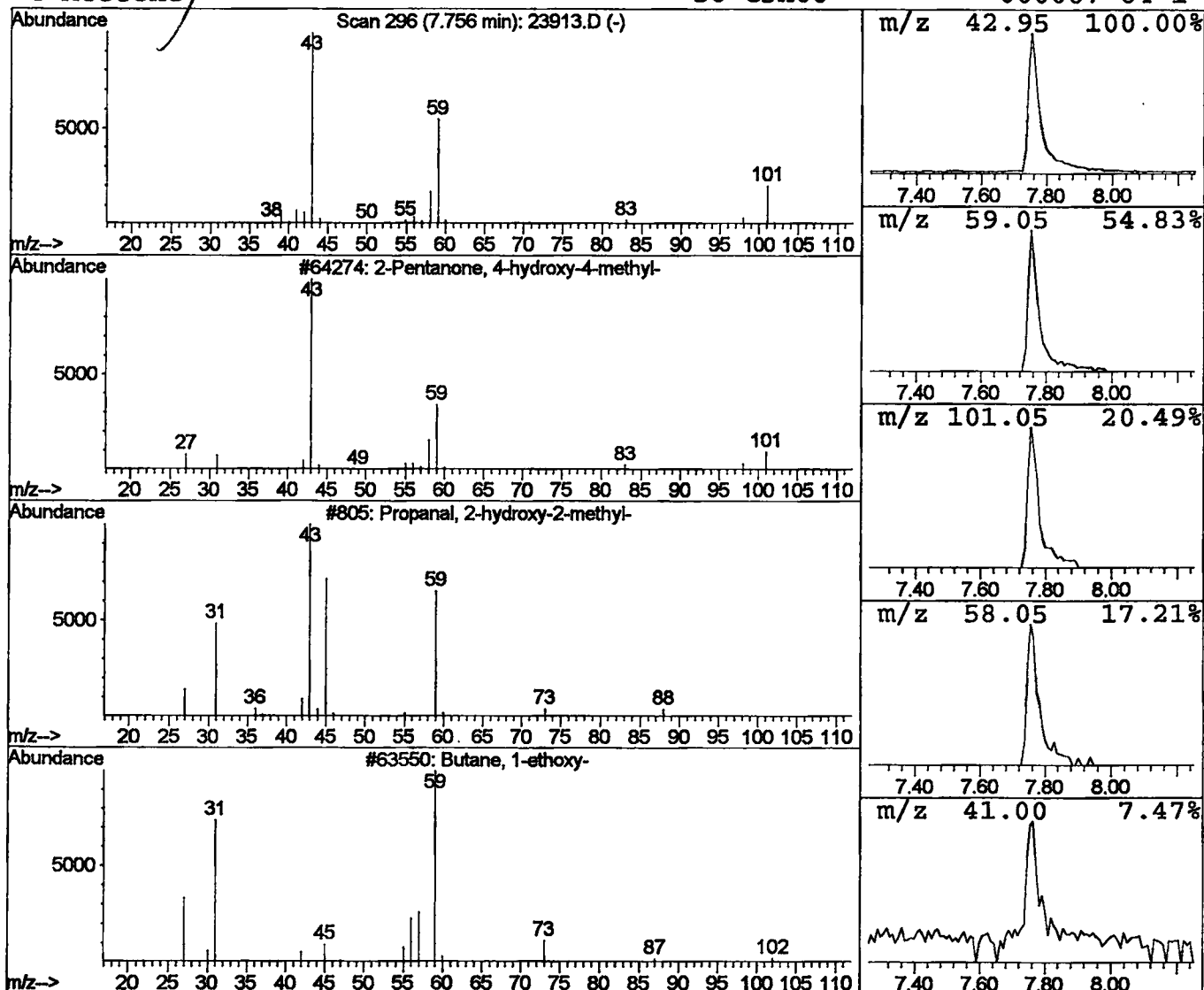
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	1.02 ug/l	100090	1,4-Dichlorobenzene-d4	11.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2			Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	28
3			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4			Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23913.D
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 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

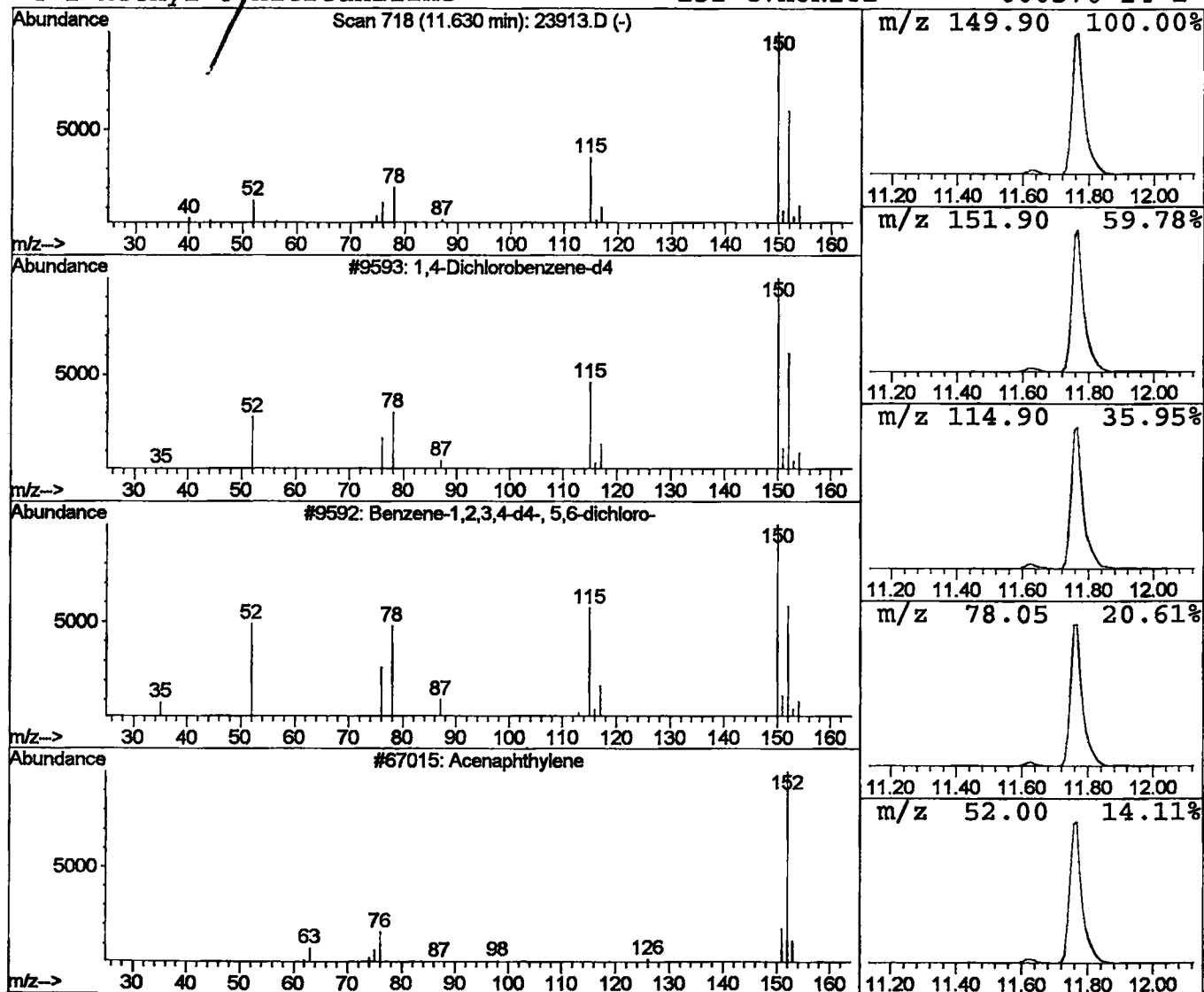
Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.54 ug/l	52909	1,4-Dichlorobenzene-d4	11.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	87
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	40
3		Acenaphthylene	152	C12H8	000208-96-8	10
4		2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Oct 2001 9:05 pm
Data File: C:\HPCHEM\1\DATA\OCT1801\23913.D
Name: gc/ms unknown
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	6.49	0.8 ug/l	80333	ISTD01	11.77	1953170	20.0
2-Pentanone , 4-hydro	7.76	1.0 ug/l	100090	ISTD01	11.77	1953170	20.0
1,4-Dichlorobenzene-	11.63	0.5 ug/l	52909	ISTD01	11.77	1953170	20.0

23913.D NP101901.M Tue Oct 23 14:34:39 2001