

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/19/2001 Time: 15:54:04

Sample: AD23472
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/19/01 10:01 Ended: 10/19/01 10:01 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23472 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-19-2001 Time: 15:54:12

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\23472.D

Vial: 10

Acq On : 19 Oct 2001 1:00 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	11.77	152	352366	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1355459	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.65	164	634137	20.00	ug/l	-0.16
49) Phenanthrene-d10	25.08	188	916578	20.00	ug/l	-0.16
59) Chrysene-d12	33.12	240	675752	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	484776	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	3612	0.21	ug/l	-0.14
Spiked Amount	50.000		Recovery	=	0.42%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.80	172	1055	0.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	0.04%	
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

23472.D NP091101.M Fri Oct 19 16:34:47 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1801\23472.D
 Acq On : 19 Oct 2001 1:00 am
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 19 9:54 2001

Vial: 10
 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	945	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	1568	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.39	149	306	N.D.		
67) Chrysene	33.12	228	1568	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
 23472.D NP091101.M Fri Oct 19 16:34:52 2001

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT1801\23472.D

Vial: 10

Acq On : 19 Oct 2001 1:00 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	1808	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

23472.D NP091101.M Fri Oct 19 16:34:53 2001

Page 3

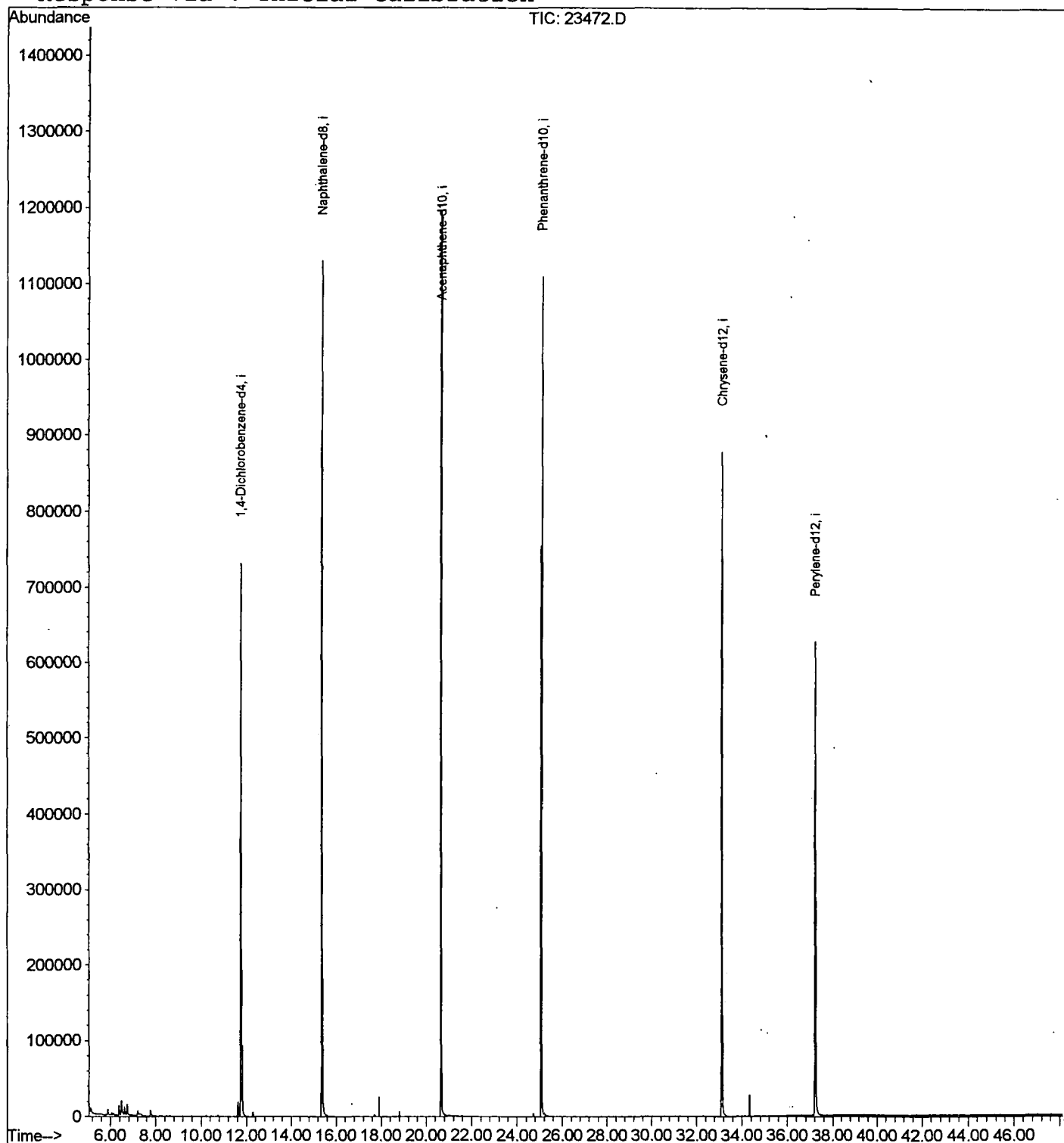
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23472.D
 Acq On : 19 Oct 2001 1:00 am
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 19 9:54 2001

Vial: 10
 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\23472.D

Vial: 10

Acq On : 19 Oct 2001 1:00 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	6.378	143	146	153	rBV	13111	25756	1.02%	0.195%
2	6.488	153	158	168	rVV	19766	54607	2.16%	0.414%
3	6.736	181	185	191	rVB	13582	28823	1.14%	0.219%
4	11.629	712	718	727	rBV	19707	46850	1.85%	0.355%
5	11.766	727	733	750	rBV	731077	1852655	73.32%	14.051%
6	15.374	1120	1126	1145	rBV	1130151	2484145	98.32%	18.840%
7	20.653	1695	1701	1713	rBV	1197643	2526692	100.00%	19.163%
8	25.078	2177	2183	2196	rBV2	1109617	2351030	93.05%	17.830%
9	33.120	3052	3059	3079	rBV2	877760	2072041	82.01%	15.714%
10	37.233	3498	3507	3526	rBV	625999	1742955	68.98%	13.219%

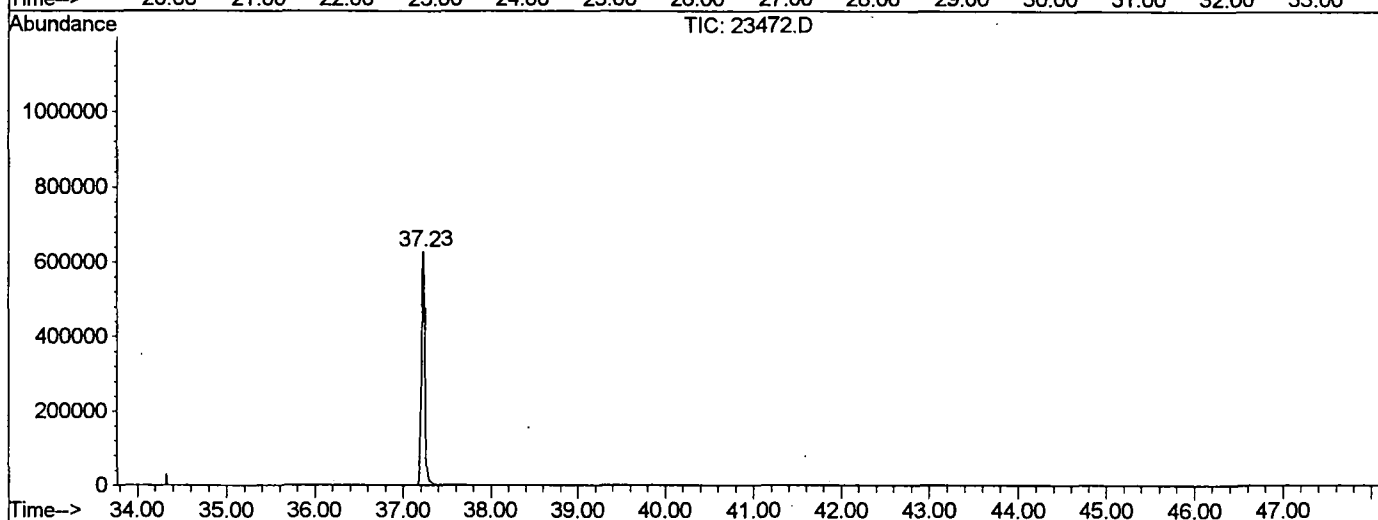
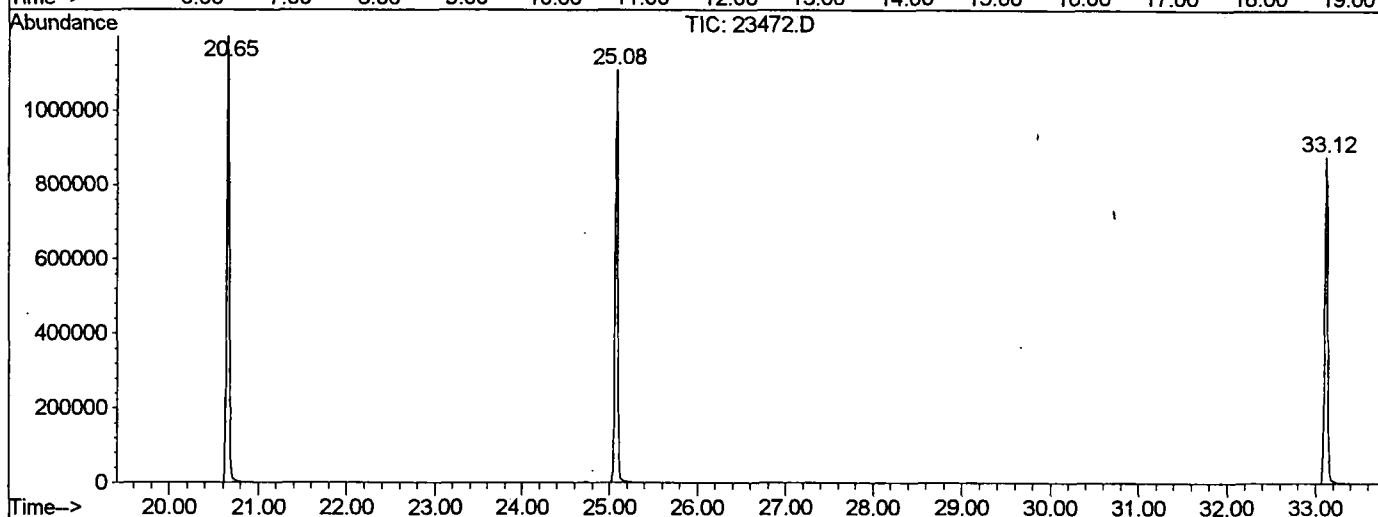
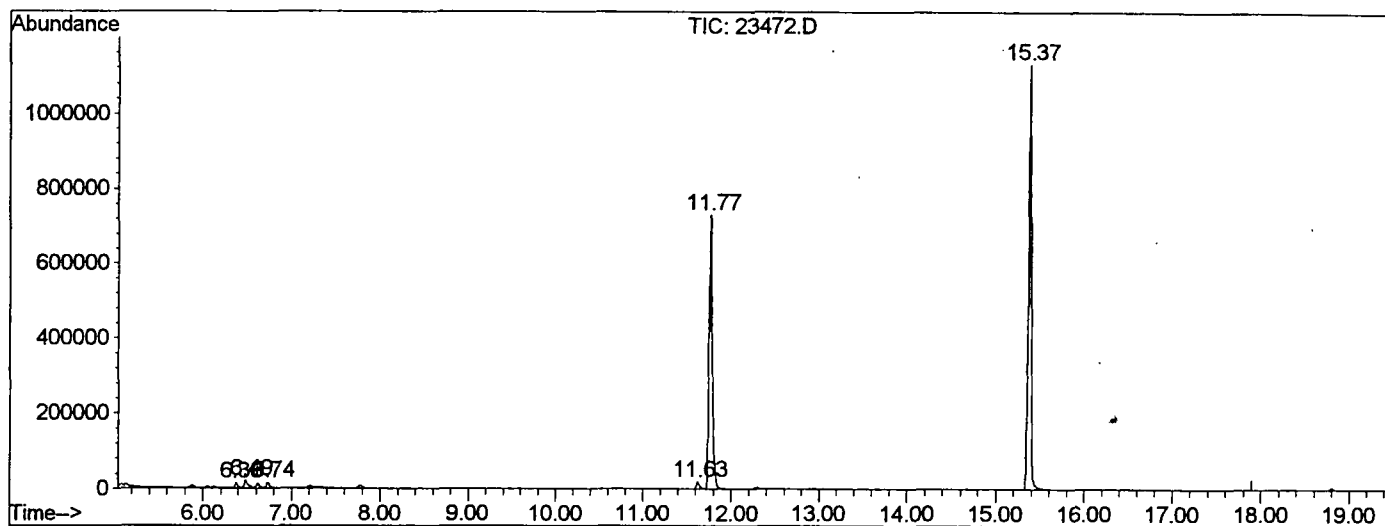
Sum of corrected areas: 13185554

23472.D NP091101.M

Fri Oct 19 16:35:29 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1801\23472.D
Operator : 209 GALOS
Acquired : 19 Oct 2001 1:00 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown re extracted
Misc Info :
Vial Number: 10
Quant File :NP091101.RES (RTE Integrator)



23472.D NP091101.M Fri Oct 19 16:35:31 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1801\23472.D

Acq On : 19 Oct 2001 1:00 am

Sample : gc/ms unknown re extracted

Misc :

MS Integration Params: LSCINT.P

Vial: 10

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

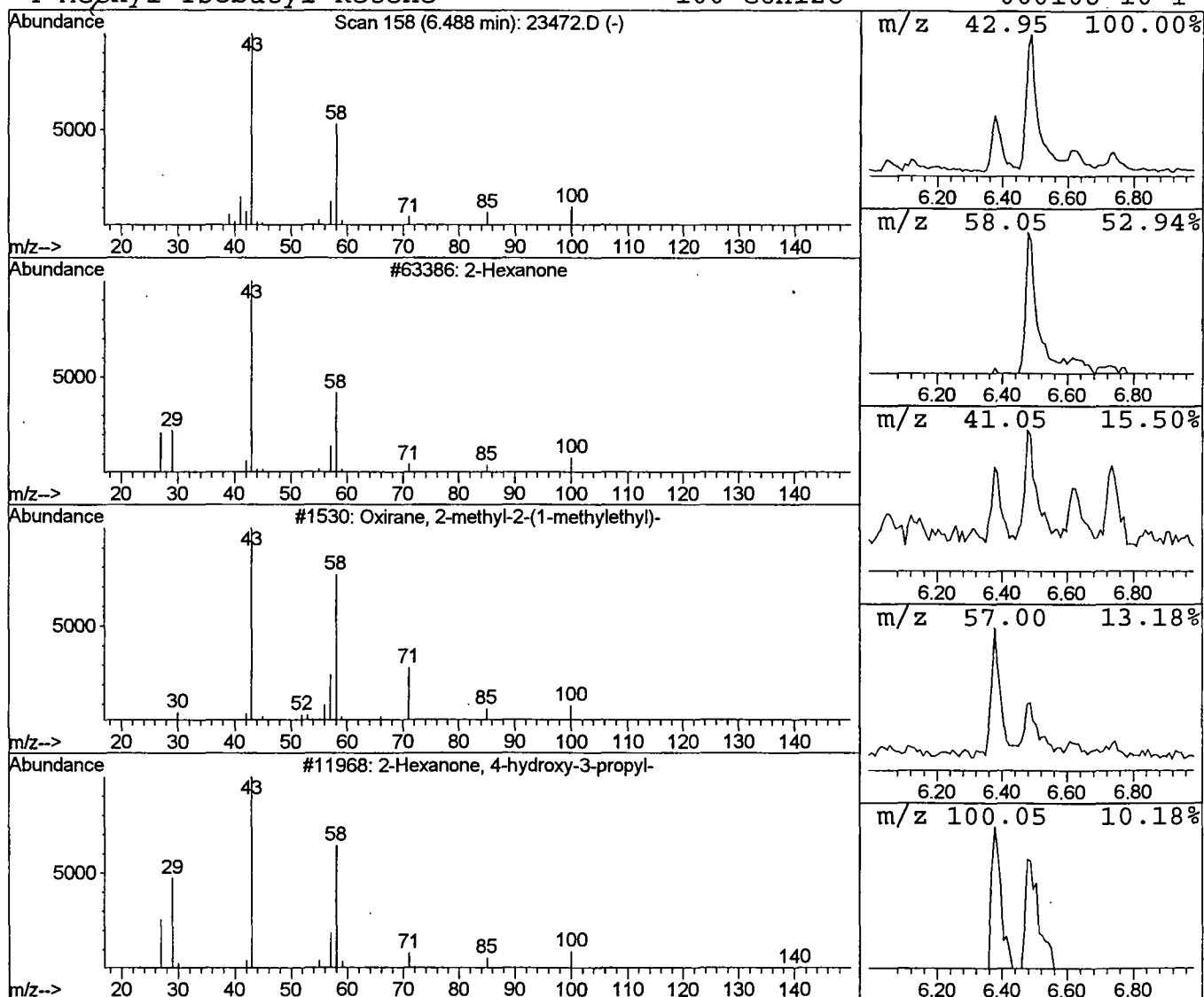
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

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

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.49	0.59 ug/l	54607	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	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	64
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	56
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	50



Library Search Compound Report

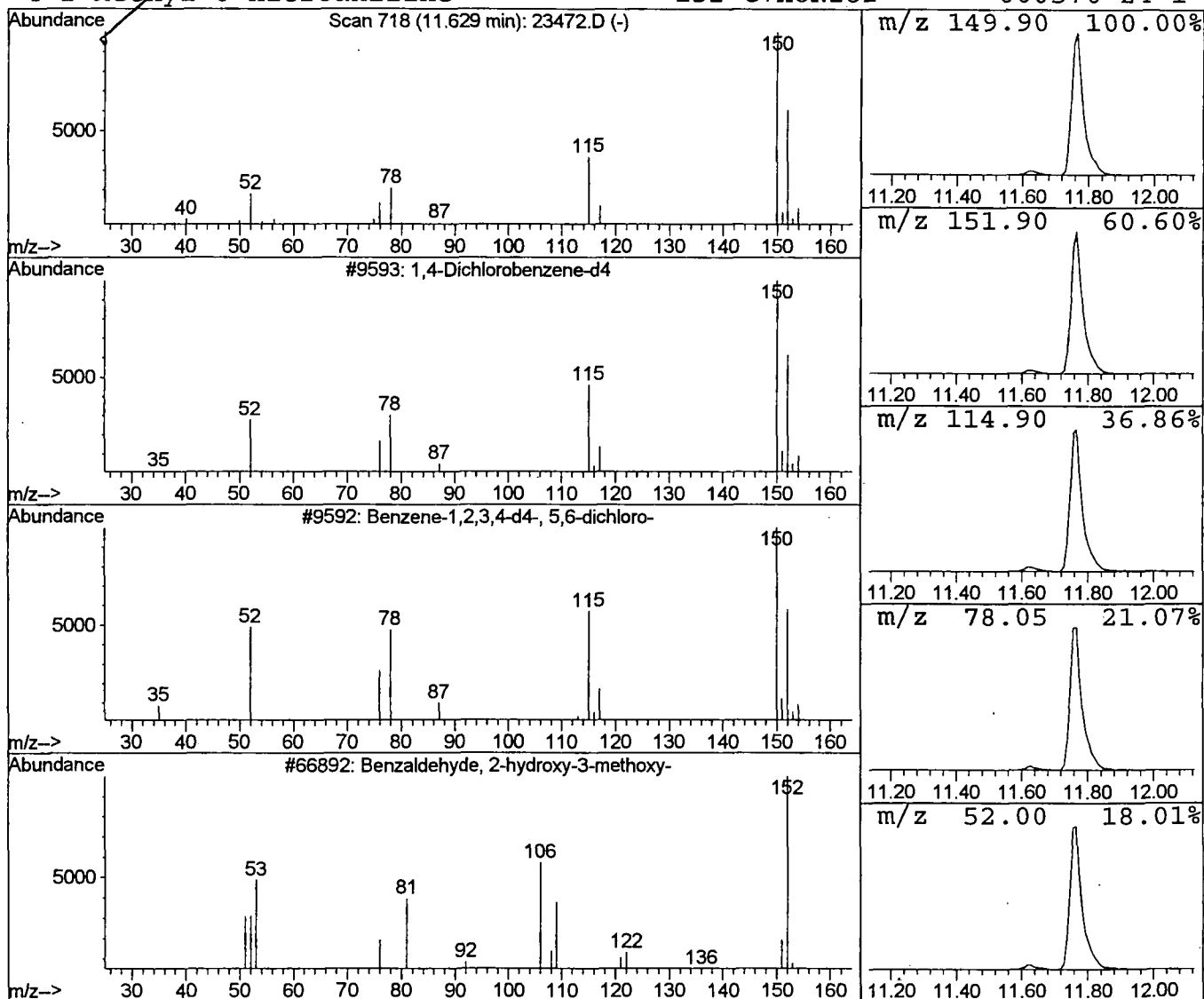
Data File : C:\HPCHEM\1\DATA\OCT1801\23472.D
 Acq On : 19 Oct 2001 1:00 am
 Sample : gc/ms unknown re extracted
 Misc :
 MS Integration Params: LSCINT.P

Vial: 10
 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 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.63	0.51 ug/l	46850	1,4-Dichlorobenzene-d4	11.77		
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	43
3		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	14
4		2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Oct 2001 1:00 am
Data File: C:\HPCHEM\1\DATA\OCT1801\23472.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	6.49	0.6	ug/l	54607	ISTD01	11.77	1852660	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	46850	ISTD01	11.77	1852660	20.0

23472.D NP091101.M Fri Oct 19 16:35:38 2001