

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/02/2001 Time: 06:41:17

Sample: AD23842
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/1/01 13:52 Ended: 11/1/01 13:52 Analyst: MG
 Page: 1

	Component Name	Vol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23842 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-02-2001 Time: 06:41:22

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\OCT3001\23842.D
 Acq On : 31 Oct 2001 3:12 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 31 12:18 2001

Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Oct 23 10:12:13 2001
 Response via : Initial Calibration
 DataAcq Meth : NP101901

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.72	152	775023	20.00	ug/l	-0.04
19) Naphthalene-d8	15.32	136	2998872	20.00	ug/l	-0.04
31) Acenaphthene-d10	20.60	164	1397397	20.00	ug/l	-0.03
49) Phenanthrene-d10	25.03	188	1932934	20.00	ug/l	-0.03
59) Chrysene-d12	33.06	240	1185546	20.00	ug/l	-0.04
68) Perylene-d12	37.16	264	872754	20.00	ug/l	-0.03

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	11.72	132	237	0.00	ug/l	0.45
Spiked Amount	75.000		Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.11	152	910	0.02	ug/l	-0.16
Spiked Amount	50.000		Recovery	=	0.04%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.75	172	3132	0.02	ug/l	0.10
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

23842.D NP101901.M Wed Oct 31 12:19:00 2001

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Quantitation Report

(QT Reviewed)

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 Acq On : 31 Oct 2001 3:12 am
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 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 31 12:18 2001

Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Oct 23 10:12:13 2001
 Response via : Initial Calibration
 DataAcq Meth : NP101901

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	21.03	165	176	N.D.		
45) Diethylphthalate	22.10	149	286	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	25.02	178	756	N.D.		
56) Anthracene	25.02	178	669	N.D.		
57) Di-n-butylphthalate	27.03	149	4337	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	33.05	228	3126	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	2192	N.D.		
67) Chrysene	33.05	228	3126	N.D.		
69) Di-n-Octylphthalate	35.08	149	1310	N.D.		
70) Benzo(b)fluoranthene	36.09	252	1021	N.D.		

(#) = qualifier out of range (m) = manual integration
 23842.D NP101901.M Wed Oct 31 12:19:05 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3001\23842.D

Acq On : 31 Oct 2001 3:12 am

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 31 12:18 2001

Vial: 14

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Oct 23 10:12:13 2001

Response via : Initial Calibration

DataAcq Meth : NP101901

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) Benzo(k)fluoranthene	36.14	252	1322	N.D.		
72) Benzo(a)pyrene	36.97	252	502	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
23842.D NP101901.M Wed Oct 31 12:19:07 2001

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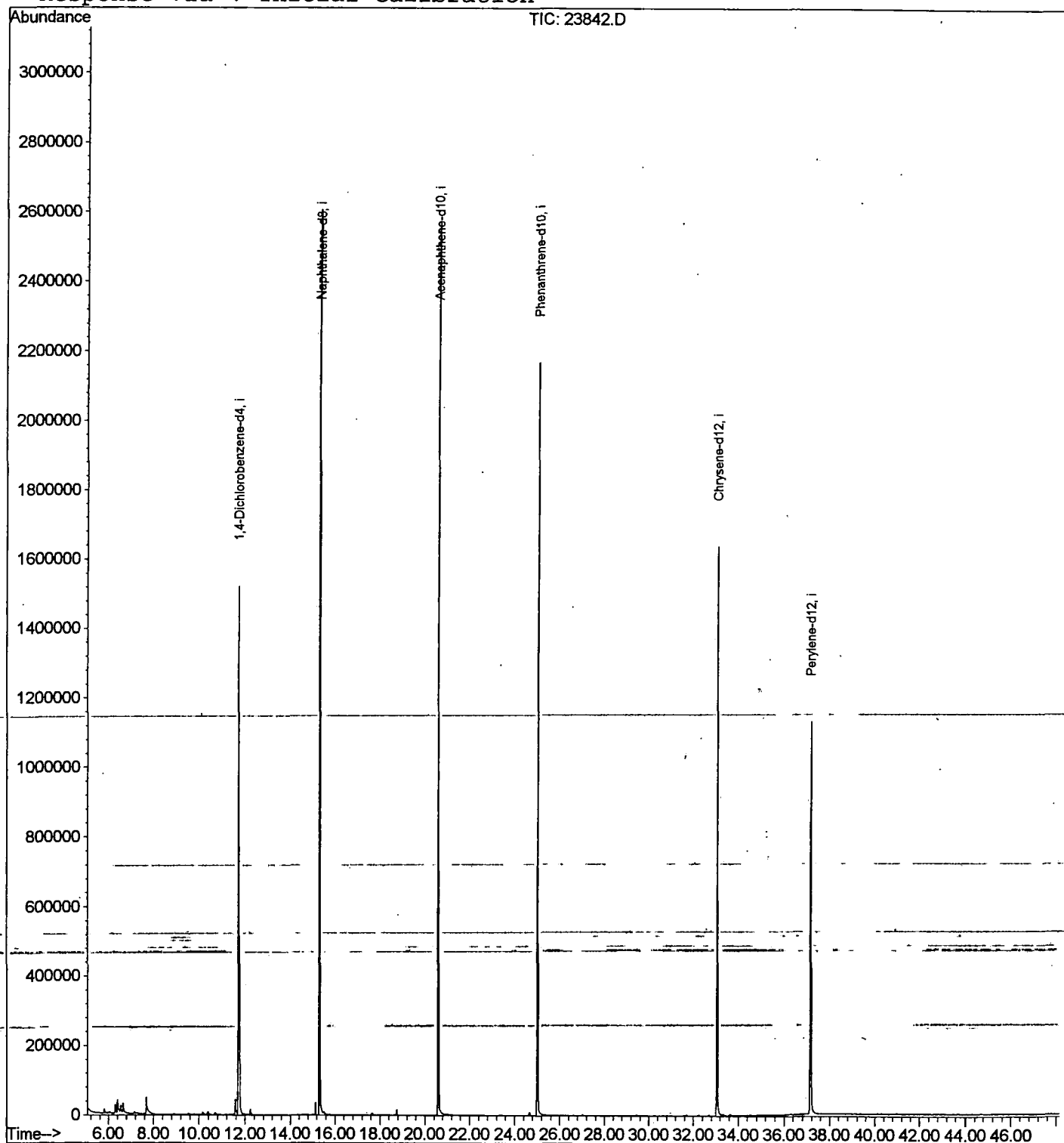
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23842.D
Acq On : 31 Oct 2001 3:12 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:18 2001

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP101901.RES

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23842.D
 Acq On : 31 Oct 2001 3:12 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

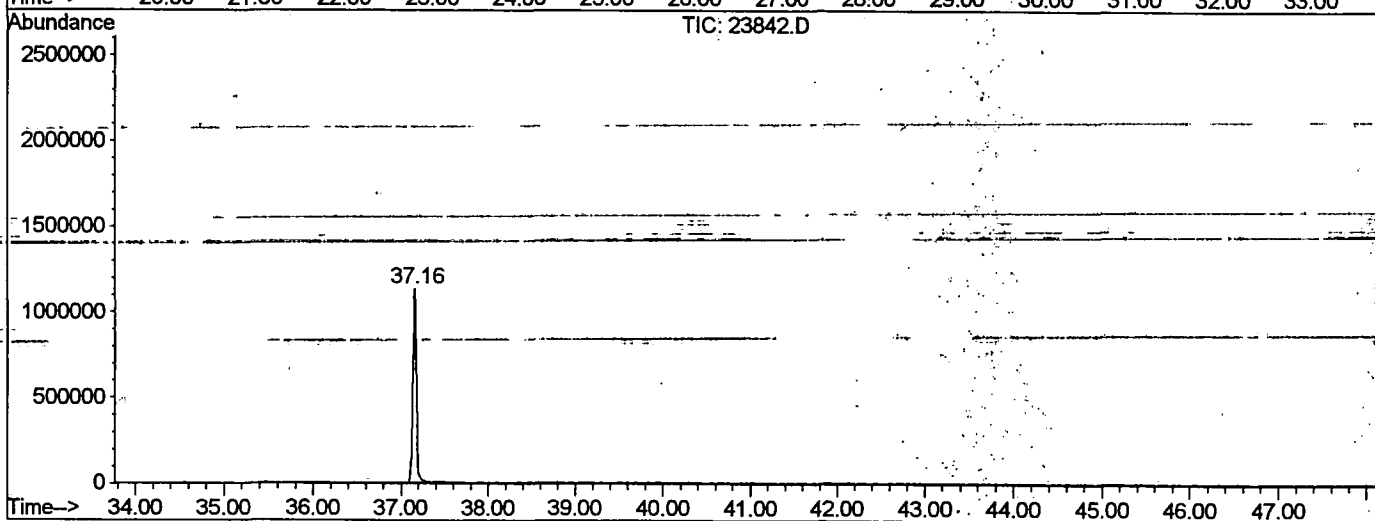
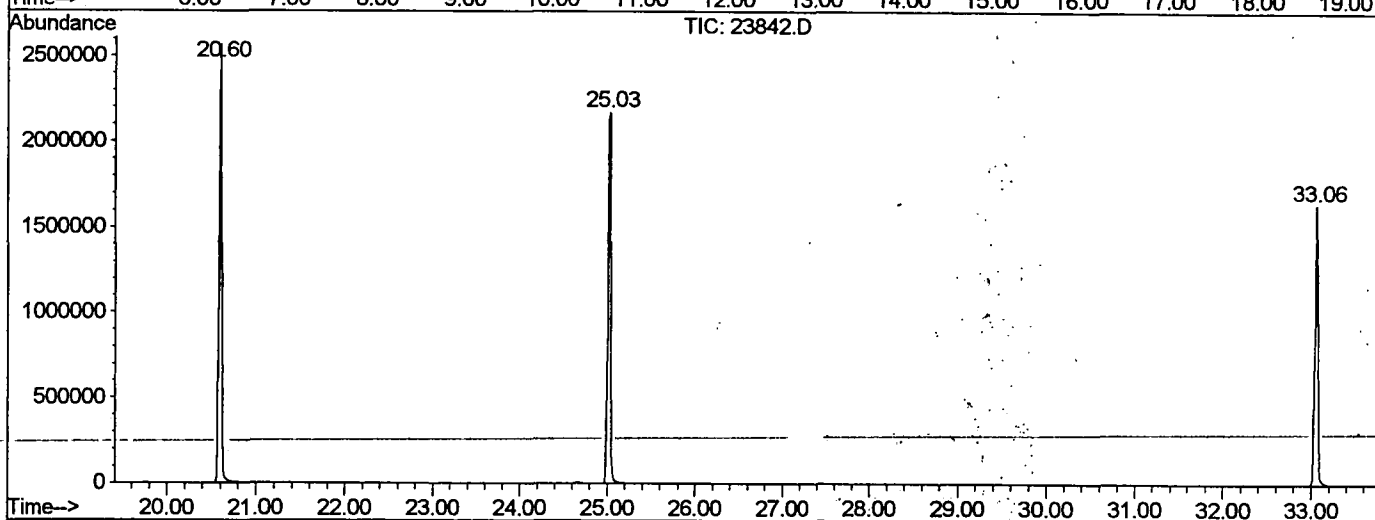
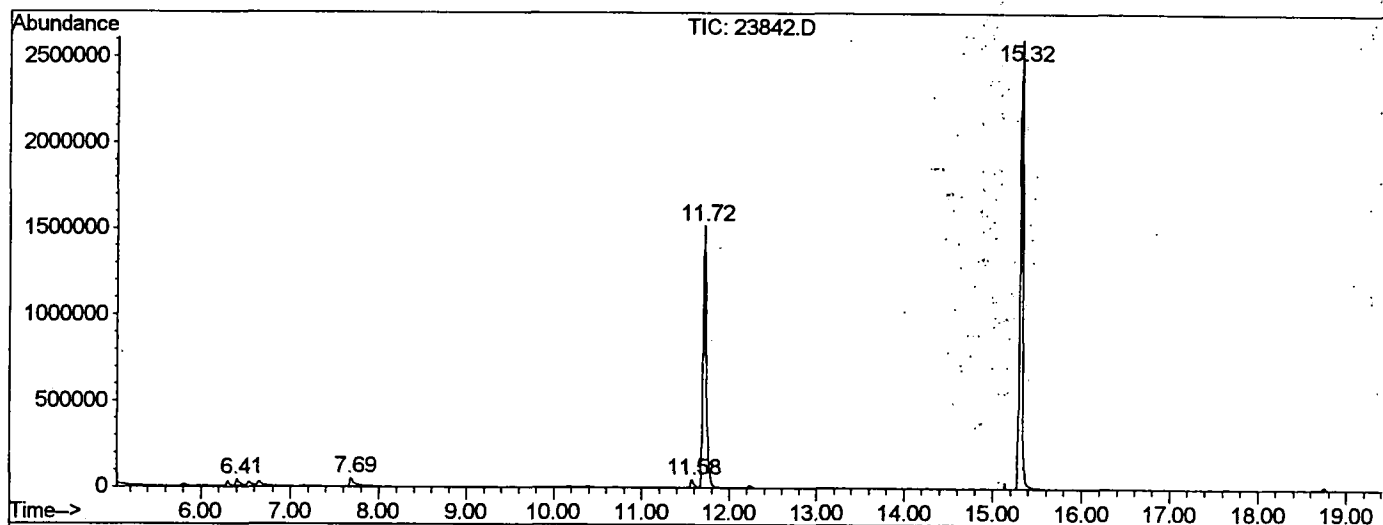
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.409	145	149	160	rVV2	38037	106234	1.92%	0.389%
2	7.685	284	288	305	rBV	48151	161106	2.92%	0.589%
3	11.578	707	712	721	rBV	43915	109265	1.98%	0.400%
4	11.715	721	727	744	rBV	1521043	4067185	73.66%	14.874%
5	15.323	1114	1120	1136	rBV	2606753	5467909	99.03%	19.997%
6	20.602	1688	1695	1711	rBV	2564263	5521434	100.00%	20.192%
7	25.027	2170	2177	2188	rBV2	2169036	4866047	88.13%	17.796%
8	33.059	3044	3052	3070	rBV2	1639266	3817308	69.14%	13.960%
9	37.163	3490	3499	3519	rBV2	1128999	3227499	58.45%	11.803%

Sum of corrected areas: 27343987

23842.D NP103001.M Thu Nov 01 14:38:08 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT3001\23842.D
 Operator : 209 GALOS
 Acquired : 31 Oct 2001 3:12 am using AcqMethod NP101901
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 14
 Quant File :NP101901.RES (RTE Integrator)



23842.D NP103001.M Thu Nov 01 14:38:11 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23842.D
Acq On : 31 Oct 2001 3:12 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

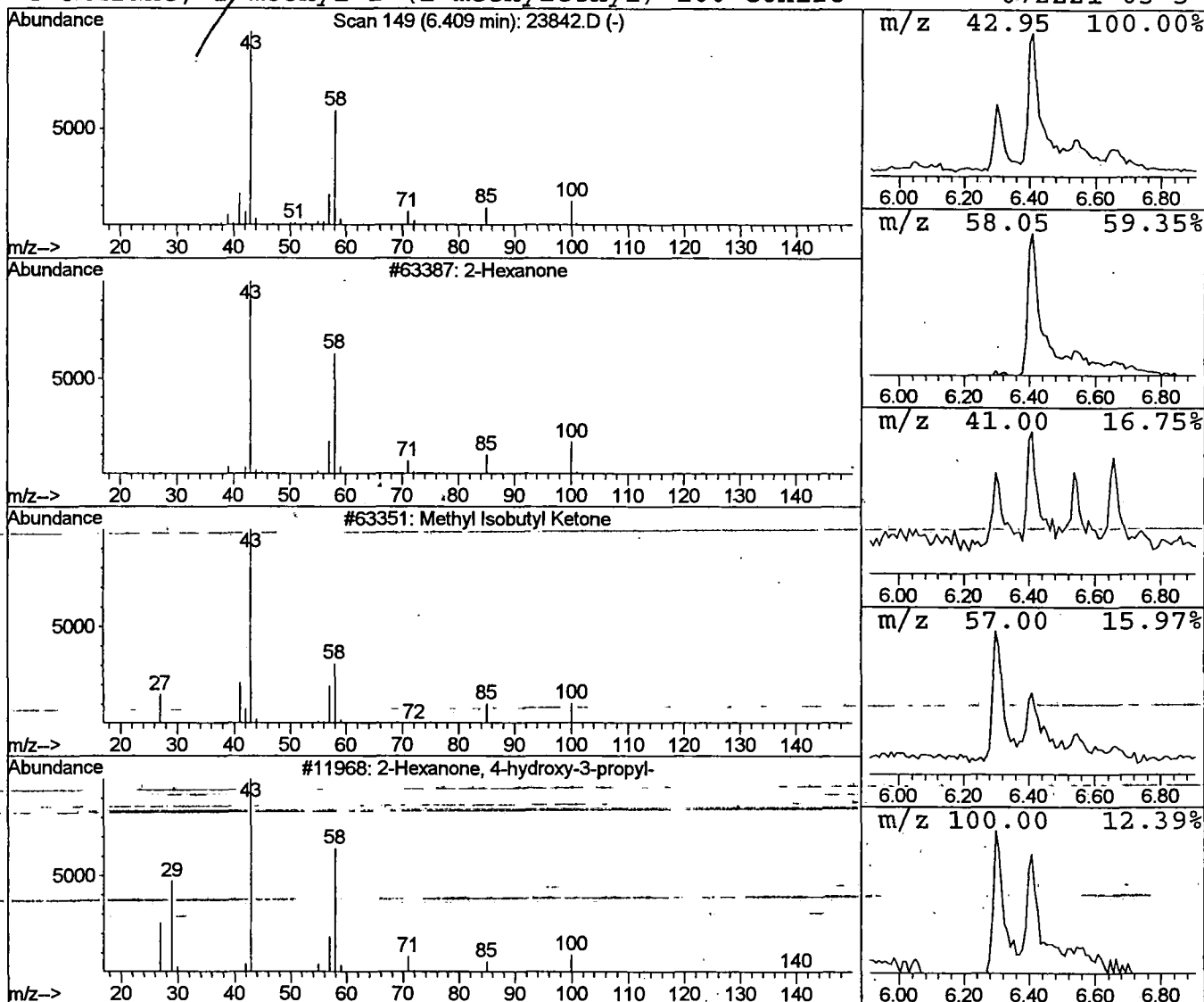
Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Hexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	0.52 ug/l	106234	1,4-Dichlorobenzene-d4	11.72

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	64
3			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
4			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	59



Library Search Compound Report

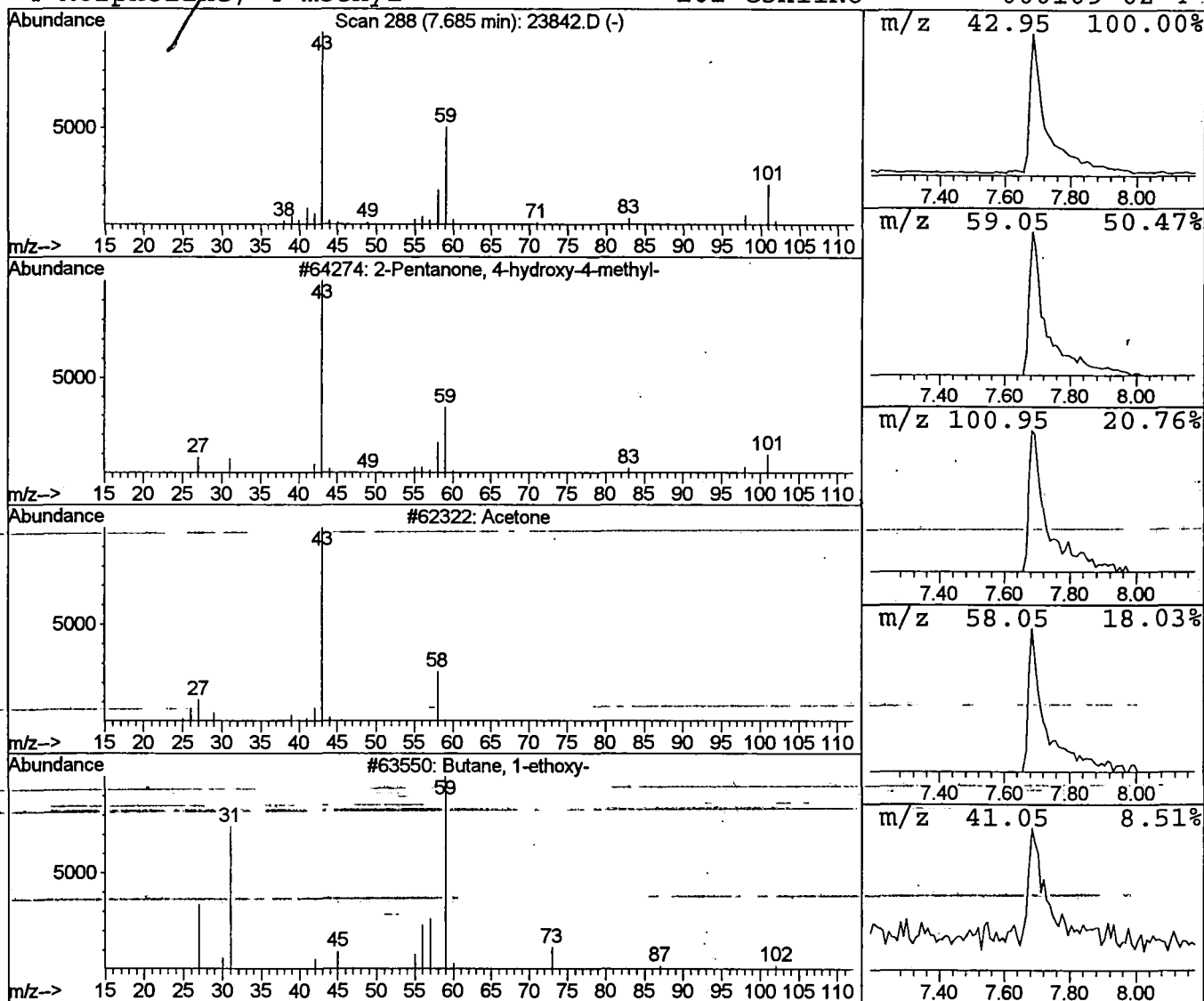
Data File : C:\HPCHEM\1\DATA\OCT3001\23842.D
Acq On : 31 Oct 2001 3:12 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
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.		
7.69	0.79 ug/l	161106	1,4-Dichlorobenzene-d4	11.72		
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	72
2	Acetone		58	C3H6O	000067-64-1	9
3	Butane, 1-ethoxy-		102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-		101	C5H11NO	000109-02-4	9



Library Search Compound Report

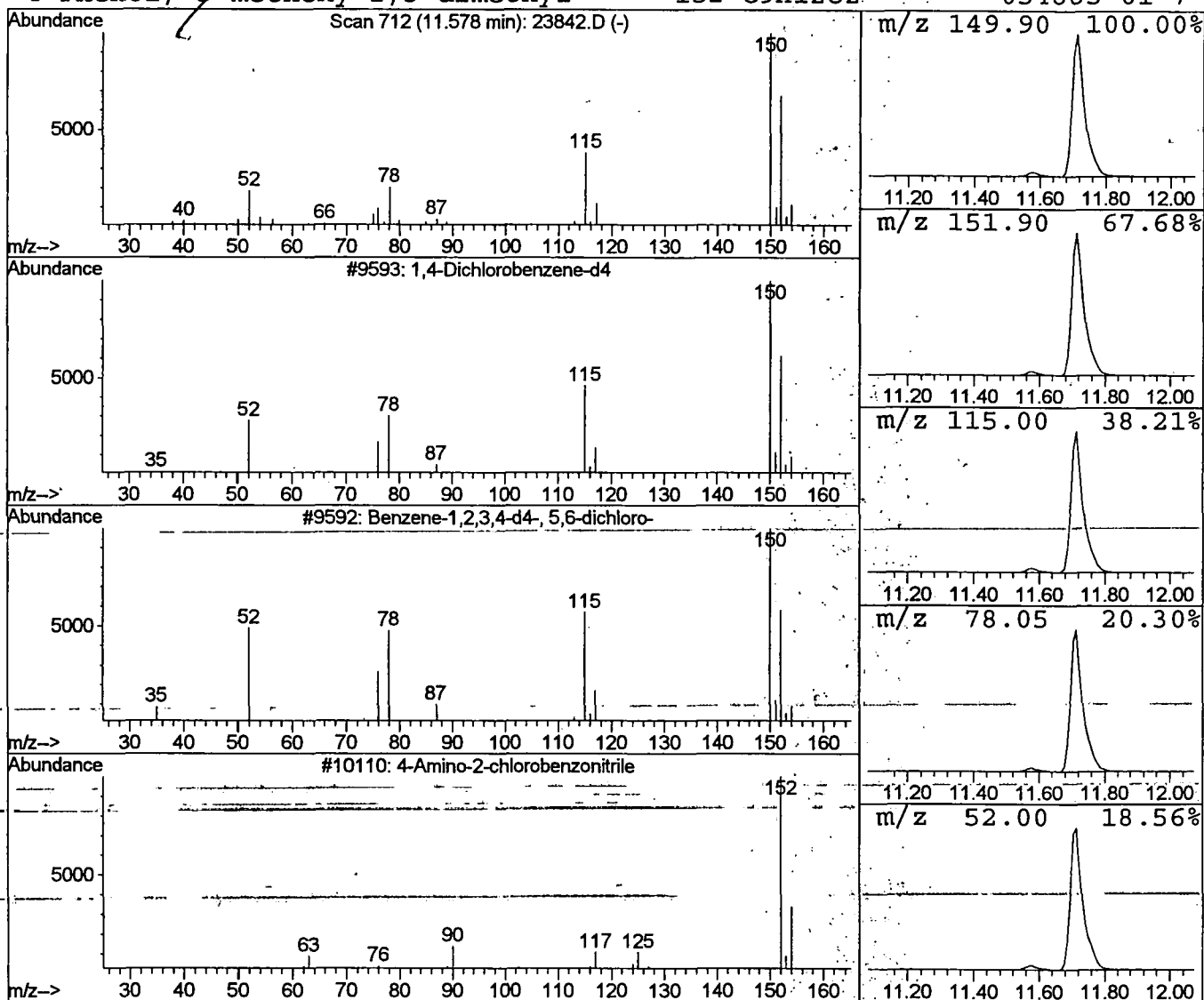
Data File : C:\HPCHEM\1\DATA\OCT3001\23842.D
 Acq On : 31 Oct 2001 3:12 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.58	0.54 ug/l	109265	1,4-Dichlorobenzene-d4	11.72	
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	38
3	4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	10
4	Phenol, 5-methoxy-2,3-dimethyl-	152	C9H12O2	034883-01-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Oct 2001 3:12 am
Data File: C:\HPCHEM\1\DATA\OCT3001\23842.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc Units	Area	IntStd	ISRT	ISArea	ISConc
2- Hexanone	6.41	0.5 ug/l	106234	ISTD01	11.72	4067190	20.0
2- Pentanone , 4-hydro	7.69	0.8 ug/l	161106	ISTD01	11.72	4067190	20.0
1,4- Dichlorobenzene	11.58	0.5 ug/l	109265	ISTD01	11.72	4067190	20.0

23842.D NP103001.M Thu Nov 01 14:38:39 2001