

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/01/2001 Time: 13:07:05

Sample: AD24214
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/1/01 13:06 Ended: 11/1/01 13:06 Analyst: MG
 Page: 1

	Compound Name	Yip	Result
1	Other unknown compounds		see comment

Comments for Sample AD24214 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-01-2001 Time: 13:07:09

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\24214.D

Vial: 23

Acq On : 31 Oct 2001 1:23 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 1 10:22 2001

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	11.71	152	839376	20.00	ug/l	-0.05
19) Naphthalene-d8	15.32	136	3364922	20.00	ug/l	-0.05
31) Acenaphthene-d10	20.60	164	1624220	20.00	ug/l	-0.04
49) Phenanthrene-d10	25.02	188	2406204	20.00	ug/l	-0.04
59) Chrysene-d12	33.06	240	1544683	20.00	ug/l	-0.04
68) Perylene-d12	37.16	264	1124668	20.00	ug/l	-0.04

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	11.71	132	578	0.01	ug/l	0.45
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	9208	0.16	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	0.32%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	3678	0.02	ug/l	0.09
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

24214.D NP103001.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3001\24214.D
 Acq On : 31 Oct 2001 1:23 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 1 10:22 2001

Vial: 23
 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	21.05	65	529	N.D.		
44) 2,4-Dinitrotoluene	21.07	165	292	N.D.		
45) Diethylphthalate	22.11	149	208	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	25.03	178	643	N.D.		
56) Anthracene	25.03	178	643	N.D.		
57) Di-n-butylphthalate	27.02	149	6045	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	33.06	228	4069	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	9588	N.D.		
67) Chrysene	33.06	228	4069	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
 24214.D NP103001.M Thu Nov 01 10:23:29 2001

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3001\24214.D
Acq On : 31 Oct 2001 1:23 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 1 10:22 2001

Vial: 23
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	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.16	252	4322	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
24214.D NP103001.M Thu Nov 01 10:23:30 2001

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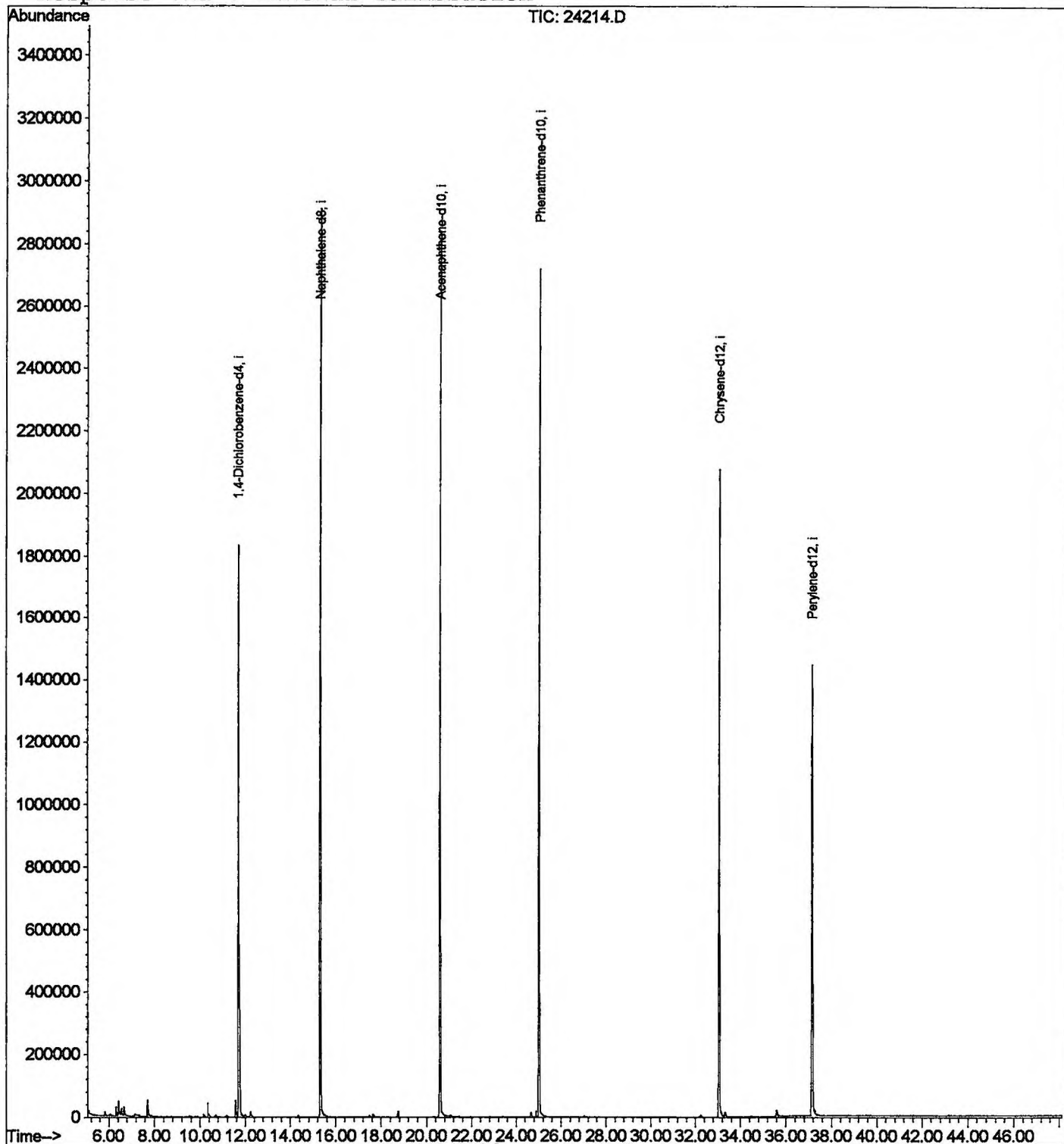
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT3001\24214.D
Acq On : 31 Oct 2001 1:23 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 1 10:22 2001

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP101901.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Nov 01 10:14:51 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT3001\24214.D
 Acq On : 31 Oct 2001 1:23 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 23
 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

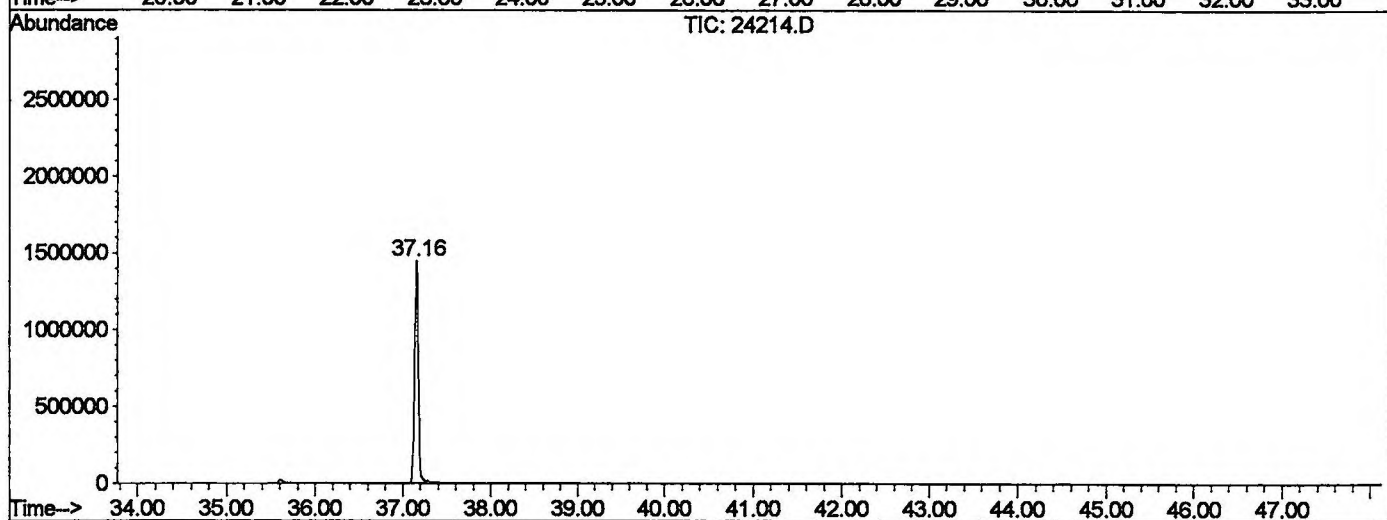
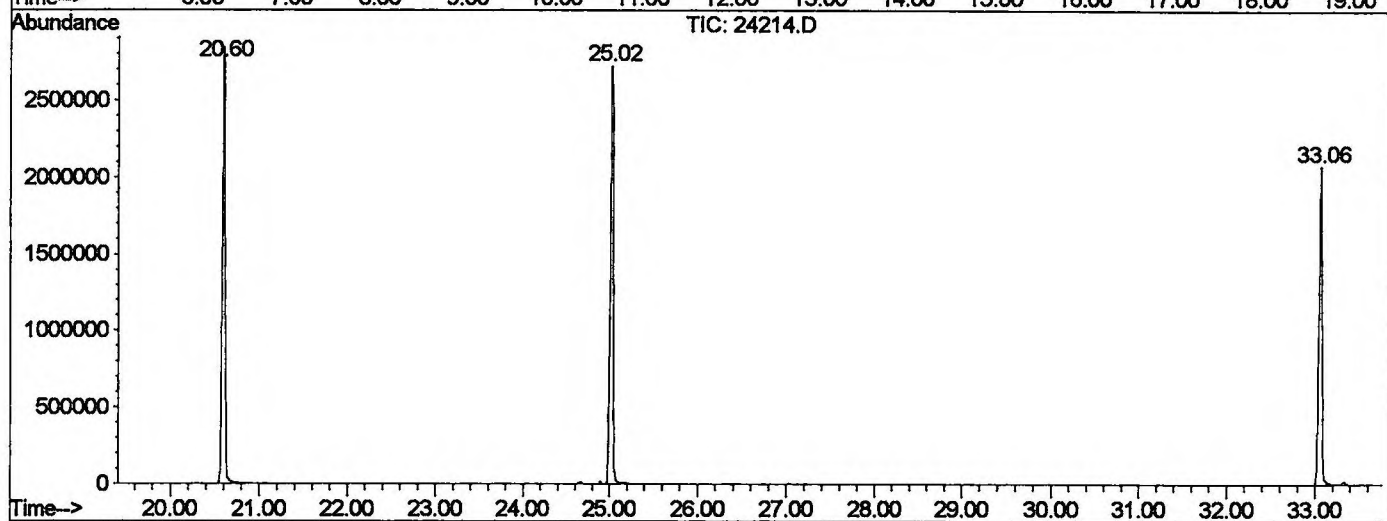
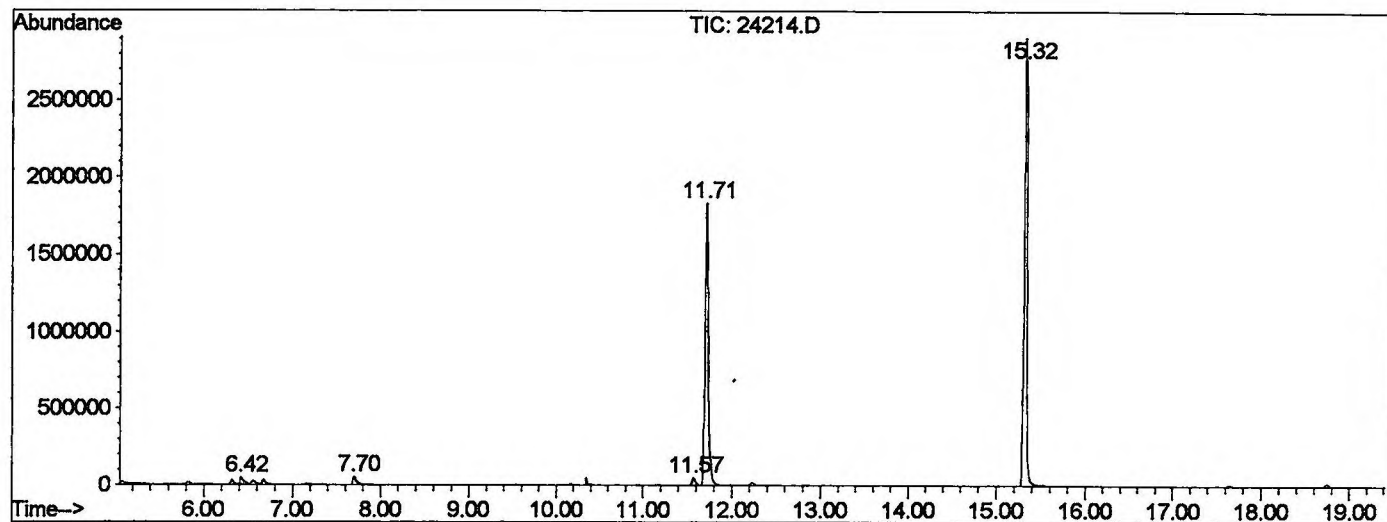
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.423	146	150	160	rVV	48085	118389	1.85%	0.364%
2	7.699	286	289	301	rBV	53051	136105	2.12%	0.418%
3	11.573	707	711	720	rBV	51765	119396	1.86%	0.367%
4	11.711	721	726	744	rVV	1833091	4409960	68.73%	13.553%
5	15.319	1113	1119	1136	rBV	2910747	6161206	96.02%	18.936%
6	20.598	1688	1694	1714	rBV	2838525	6416682	100.00%	19.721%
7	25.022	2169	2176	2189	rBV2	2720687	6025533	93.90%	18.519%
8	33.064	3044	3052	3073	rBV2	2077957	4988053	77.74%	15.330%
9	37.159	3489	3498	3510	rBV2	1443520	4162280	64.87%	12.792%

Sum of corrected areas: 32537604

24214.D NP103001.M Thu Nov 01 12:06:36 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT3001\24214.D
 Operator : 209 GALOS
 Acquired : 31 Oct 2001 1:23 pm using AcqMethod NP101901
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 23
 Quant File :NP101901.RES (RTE Integrator)



24214.D NP103001.M Thu Nov 01 12:06:38 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\24214.D
 Acq On : 31 Oct 2001 1:23 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

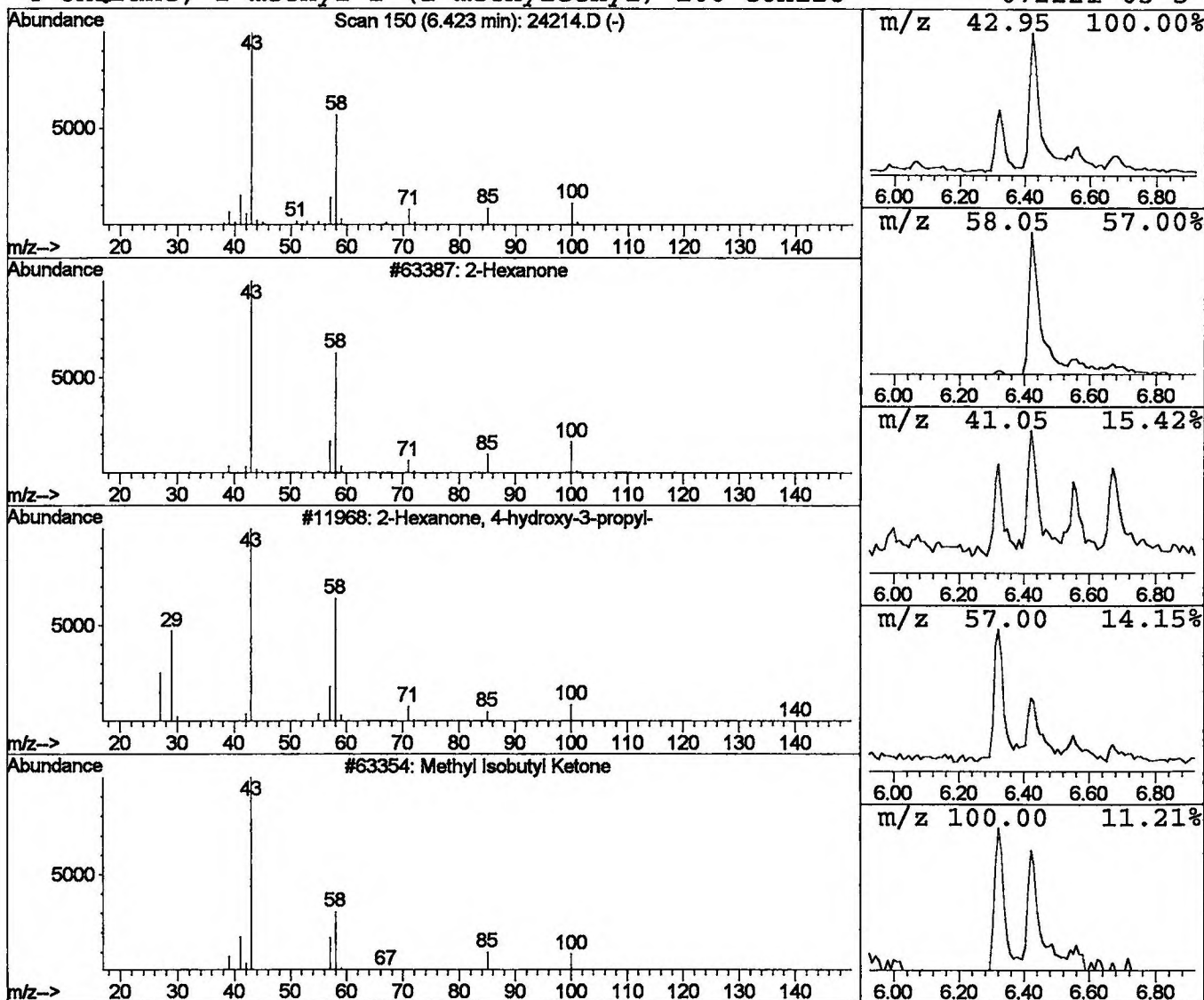
Vial: 23
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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.
6.42	0.54 ug/l	118389	1,4-Dichlorobenzene-d4	11.71

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		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4		Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\24214.D
 Acq On : 31 Oct 2001 1:23 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

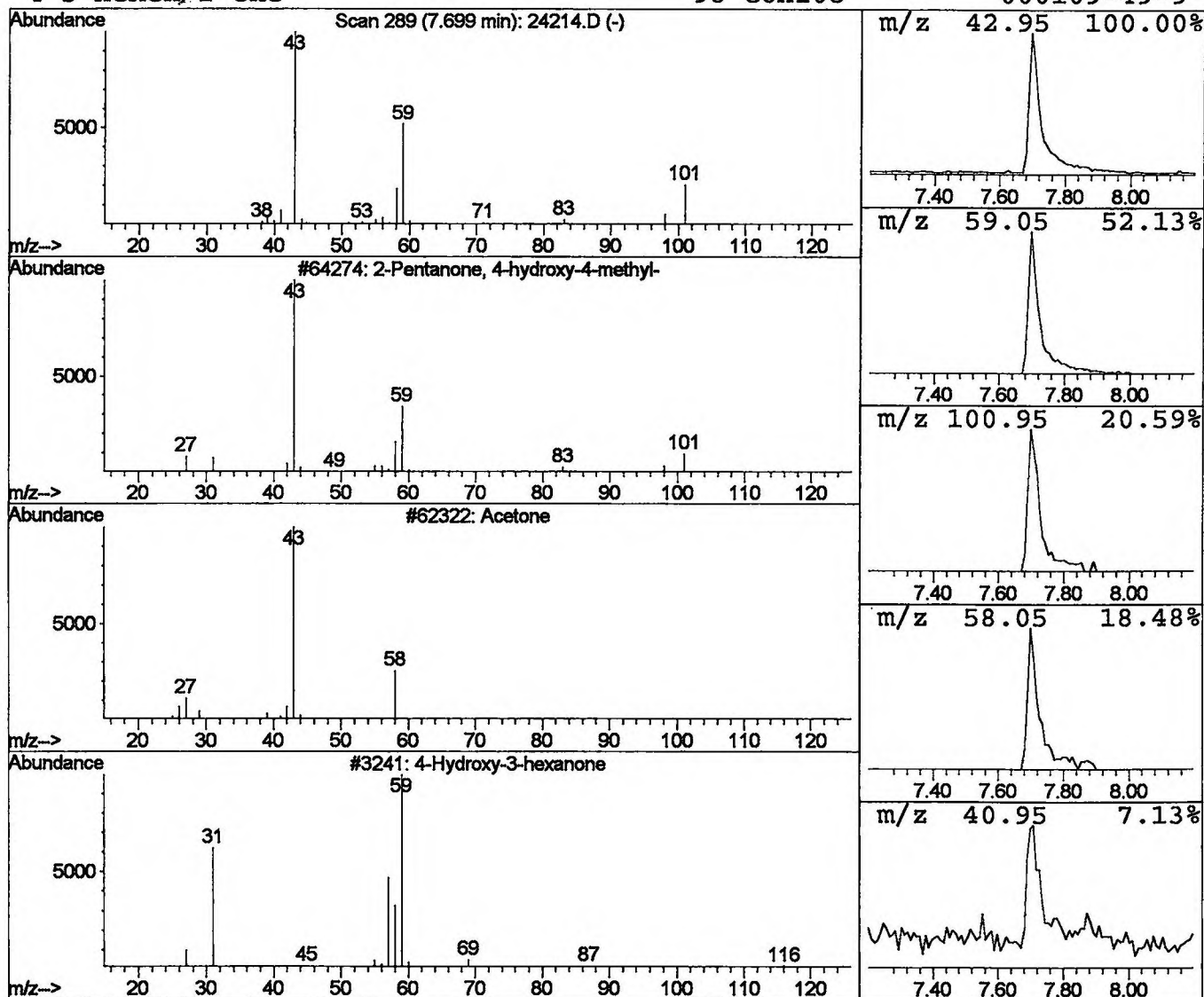
Vial: 23
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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.
7.70	0.62 ug/l	136105	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-			116	C6H12O2	000123-42-2	28
2	Acetone			58	C3H6O	000067-64-1	9
3	4-Hydroxy-3-hexanone			116	C6H12O2	004984-85-4	9
4	5-Hexen-2-one			98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\24214.D
Acq On : 31 Oct 2001 1:23 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

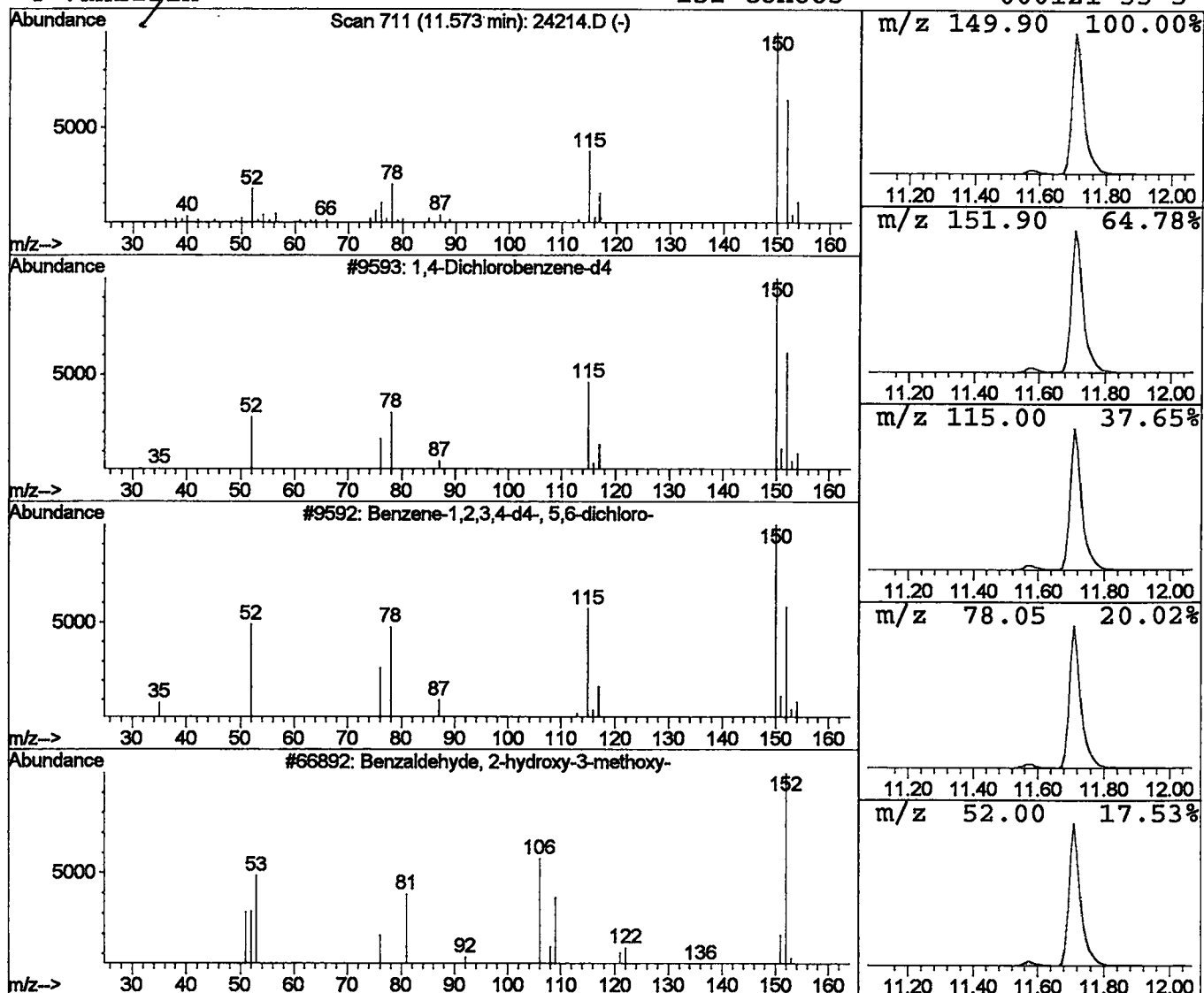
Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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.
11.57	0.54 ug/l	119396	1,4-Dichlorobenzene-d4	11.71

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	40
3		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4		Vanillin	152	C8H8O3	000121-33-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Oct 2001 1:23 pm
Data File: C:\HPCHEM\1\DATA\OCT3001\24214.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	6.42	0.5	ug/l	118389	ISTD01	11.71	4409960	20.0
2-Pentanone, 4-hydro	7.70	0.6	ug/l	136105	ISTD01	11.71	4409960	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	119396	ISTD01	11.71	4409960	20.0

24214.D NP103001.M Thu Nov 01 12:06:47 2001