User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/01/2001 Time: 13:44:32

Sample: AD23798
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/1/01 13:43 Ended: 11/1/01 13:43 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23798 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 11-05-2001 Time: 12:11:28

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 generally different than those present in the Laboratory Blank.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3001\23798.D
Acq On : 30 Oct 2001 10:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:09 2001

Vial: 9
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	11.71	152	969599	20.00 ug/l	-0.04
19) Naphthalene-d8	15.32	136	3885671m	20.00 ug/l	-0.04
31) Acenaphthene-d10	20.60	164	1904532	20.00 ug/l	-0.04
49) Phenanthrene-d10	25.02	188	2730974	20.00 ug/l	-0.04
59) Chrysene-d12	33.07	240	1534904	20.00 ug/l	-0.04
68) Perylene-d12	37.16	264	1079032	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	733	0.01 ug/l	0.45
Spiked Amount 75.000			Recovery =	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	11341	0.17 ug/l	-0.04
Spiked Amount 50.000			Recovery =	0.34%	
20) Nitrobenzene-d5	0.00	82	0	0.00 ug/l	
Spiked Amount 50.000			Recovery =	0.00%	
32) 2-Fluorobiphenyl	18.74	172	4301	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	29.93	244	370	0.00 ug/l	-0.05
Spiked Amount 50.000			Recovery =	0.00%	

Target Compounds					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	5.11	74	506	N.D.	
8) Phenol	11.06	94	368	N.D.	
9) bis(2-Chloroethyl)ether	10.99	93	430	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

Quantitation Report (QT Reviewed)

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Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:09 2001 Quant Results File: NP101901.RES

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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	15.38	128	365	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	194	N.D.	
44)	2,4-Dinitrotoluene	21.13	165	118	N.D.	
45)	Diethylphthalate	22.10	149	973	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	25.09	178	474	N.D.	
56)	Anthracene	25.22	178	541	N.D.	
57)	Di-n-butylphthalate	27.03	149	6535	N.D.	
58)	Fluoranthene	28.71	202	795	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	29.38	202	1153	N.D.	
64)	Butylbenzylphthalate	31.53	149	1502	N.D.	
65)	Benzo(a)anthracene	33.07	228	7123	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	6552	N.D.	
67)	Chrysene	33.13	228	3272	N.D.	
69)	Di-n-Octylphthalate	35.07	149	4494	N.D.	
70)	Benzo(b)fluoranthene	36.14	252	8006	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Acq On : 30 Oct 2001 10:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:09 2001

Vial: 9
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	7892	N.D.	
72) Benzo(a)pyrene	36.98	252	3414	N.D.	
73) Indeno(1,2,3-cd)pyrene	40.96	276	217	N.D.	
74) Dibenz(a,h)anthracene	40.94	278	922	N.D.	
75) Benzo(g,h,i)perylene	41.99	276	2242	N.D.	

(#) = qualifier out of range (m) = manual integration

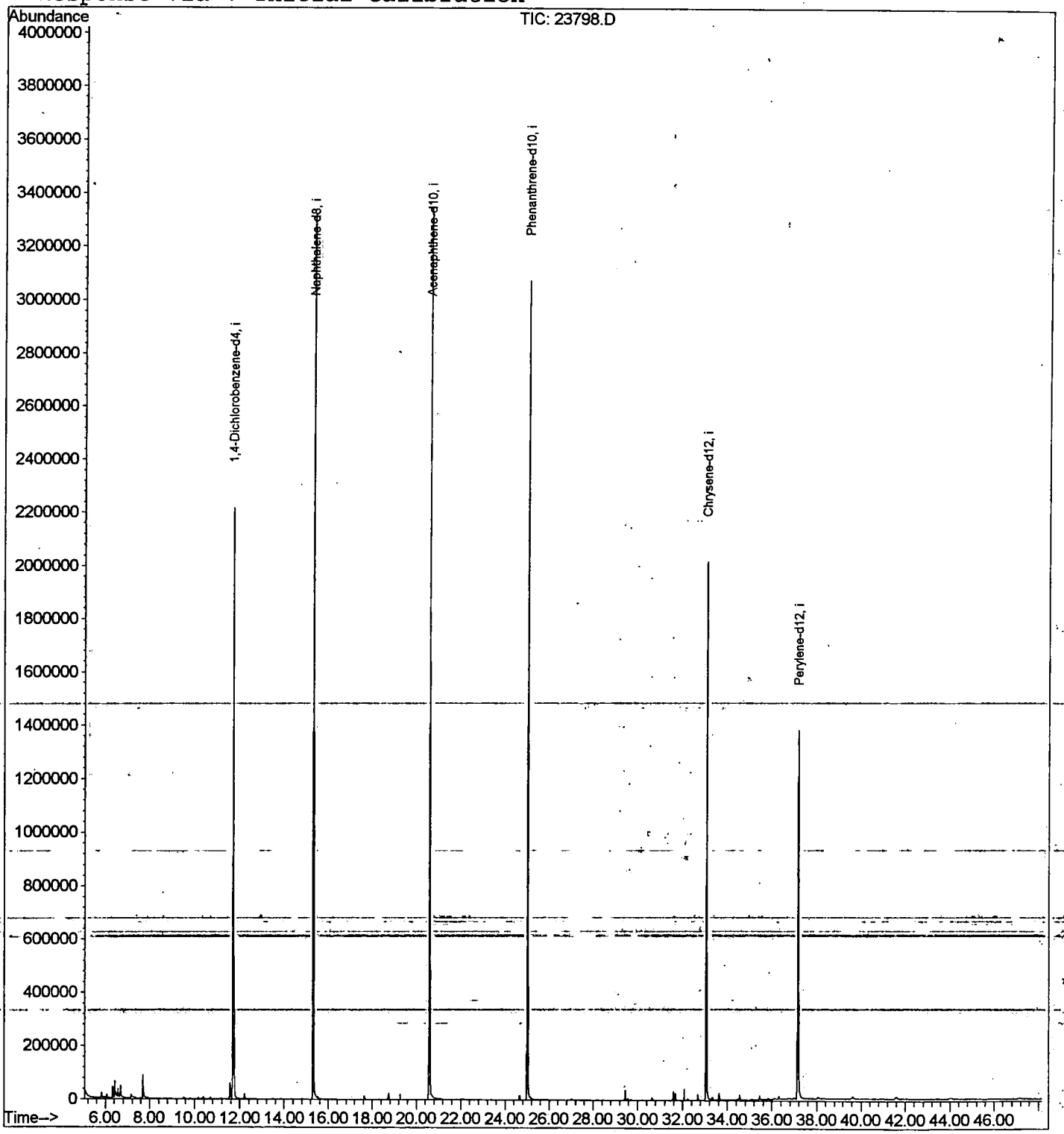
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23798.D
Acq On : 30 Oct 2001 10:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:09 2001

Vial: 9
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\23798.D Vial: 9
Acq On : 30 Oct 2001 10:20 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\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
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

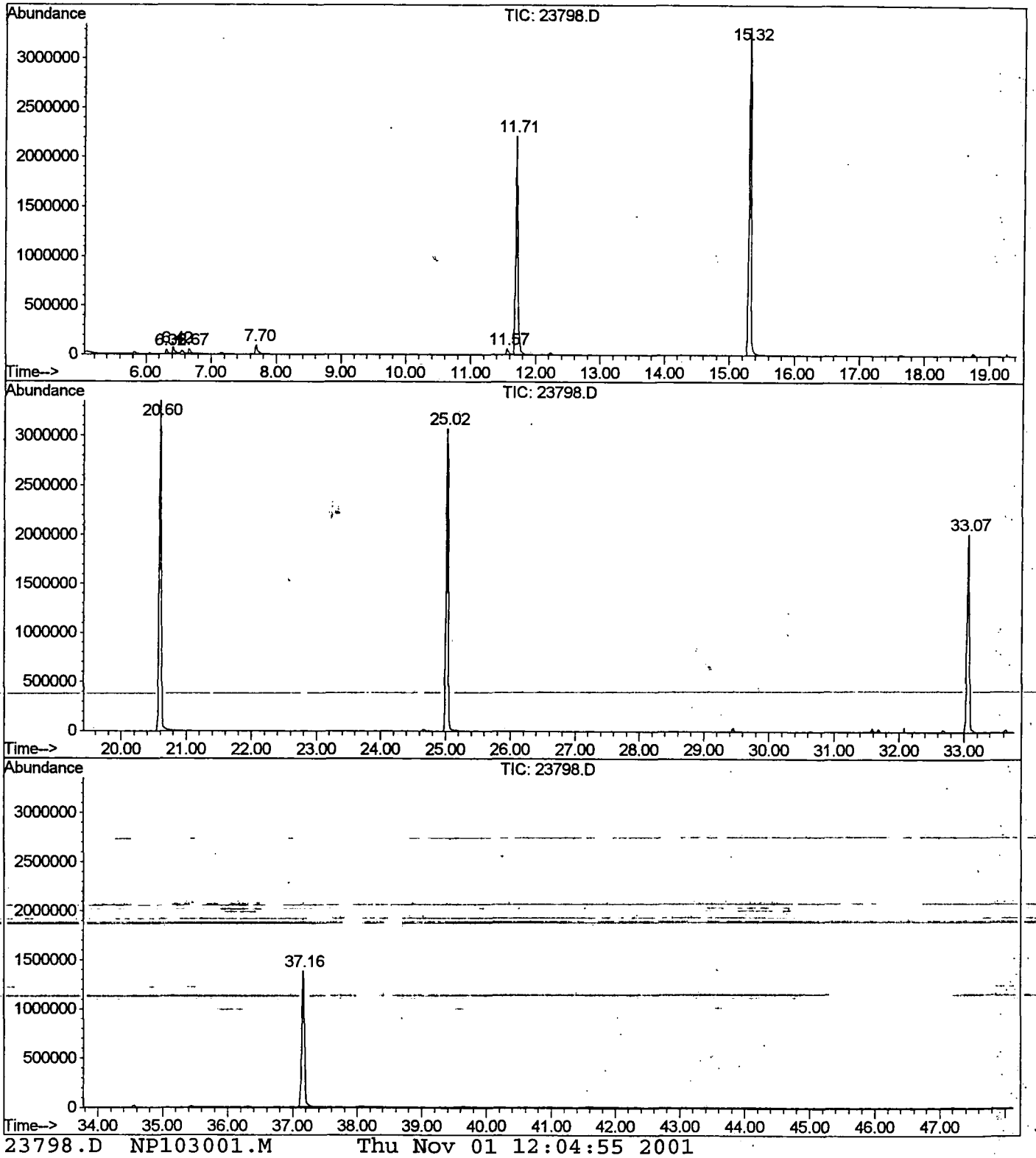
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.323	136	139	146	rBV	42117	83614	1.11%	0.230%
2	6.424	147	150	161	rVV2	62642	163405	2.17%	0.450%
3	6.672	174	177	186	rVV	41851	89262	1.19%	0.246%
4	7.701	285	289	300	rBV	88903	220447	2.93%	0.608%
5	11.575	706	711	720	rBV	59662	139262	1.85%	0.384%
6	11.712	720	726	746	rBV	2216519	5172958	68.83%	14.259%
7	15.320	1112	1119	1137	rBV	3322713	7137783	94.97%	19.676%
8	20.599	1687	1694	1713	rBV	3350460	7515613	100.00%	20.717%
9	25.024	2169	2176	2188	rBV2	3075037	6861215	91.29%	18.913%
10	33.066	3042	3052	3066	rBV2	2019982	4930571	65.60%	13.591%
11	37.160	3490	3498	3515	rBV2	1378431	3963191	52.73%	10.925%

Sum of corrected areas: 36277321

23798.D NP103001.M Thu Nov 01 12:04:53 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT3001\23798.D
Operator : 209 GALOS
Acquired : 30 Oct 2001 10:20 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 9
Quant File :NP101901.RES (RTE Integrator)



23798.D NP103001.M Thu Nov 01 12:04:55 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23798.D
Acq On : 30 Oct 2001 10:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

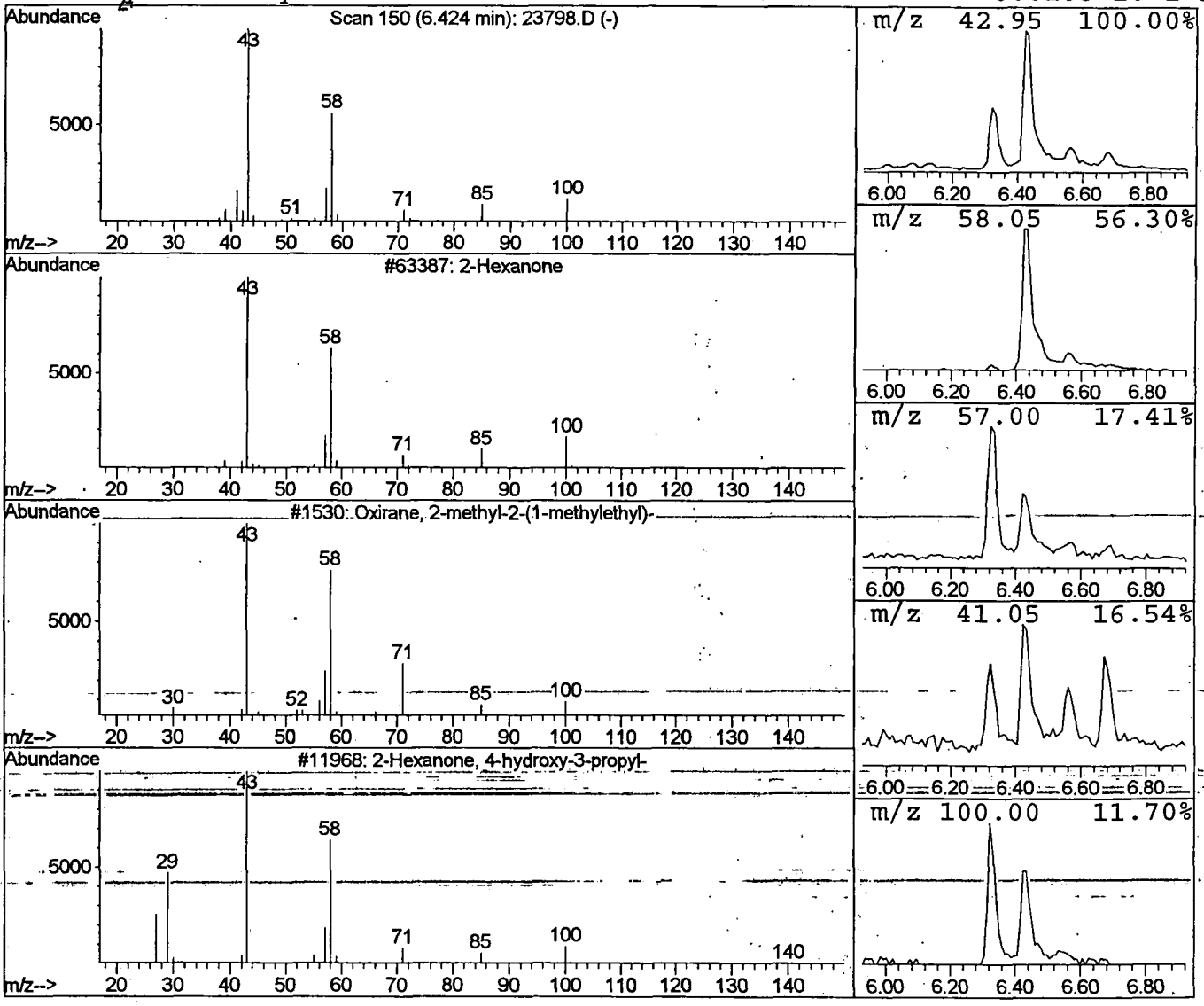
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.63 ug/l	163405	1,4-Dichlorobenzene-d4	11.71

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	78
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23798.D
Acq On : 30 Oct 2001 10:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

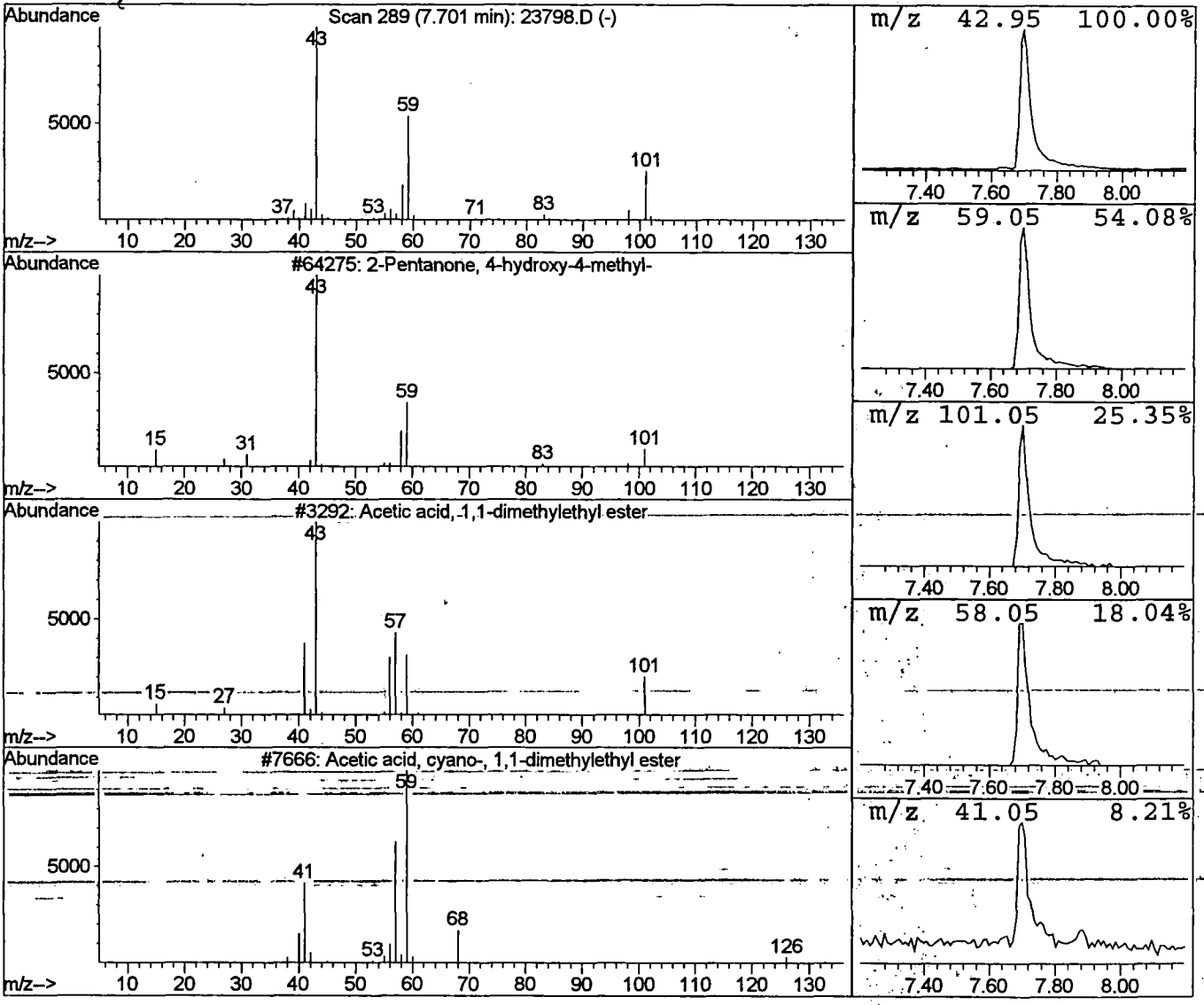
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	0.85 ug/l	220447	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	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10



Library_Search_Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23798.D
Acq On : 30 Oct 2001 10:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

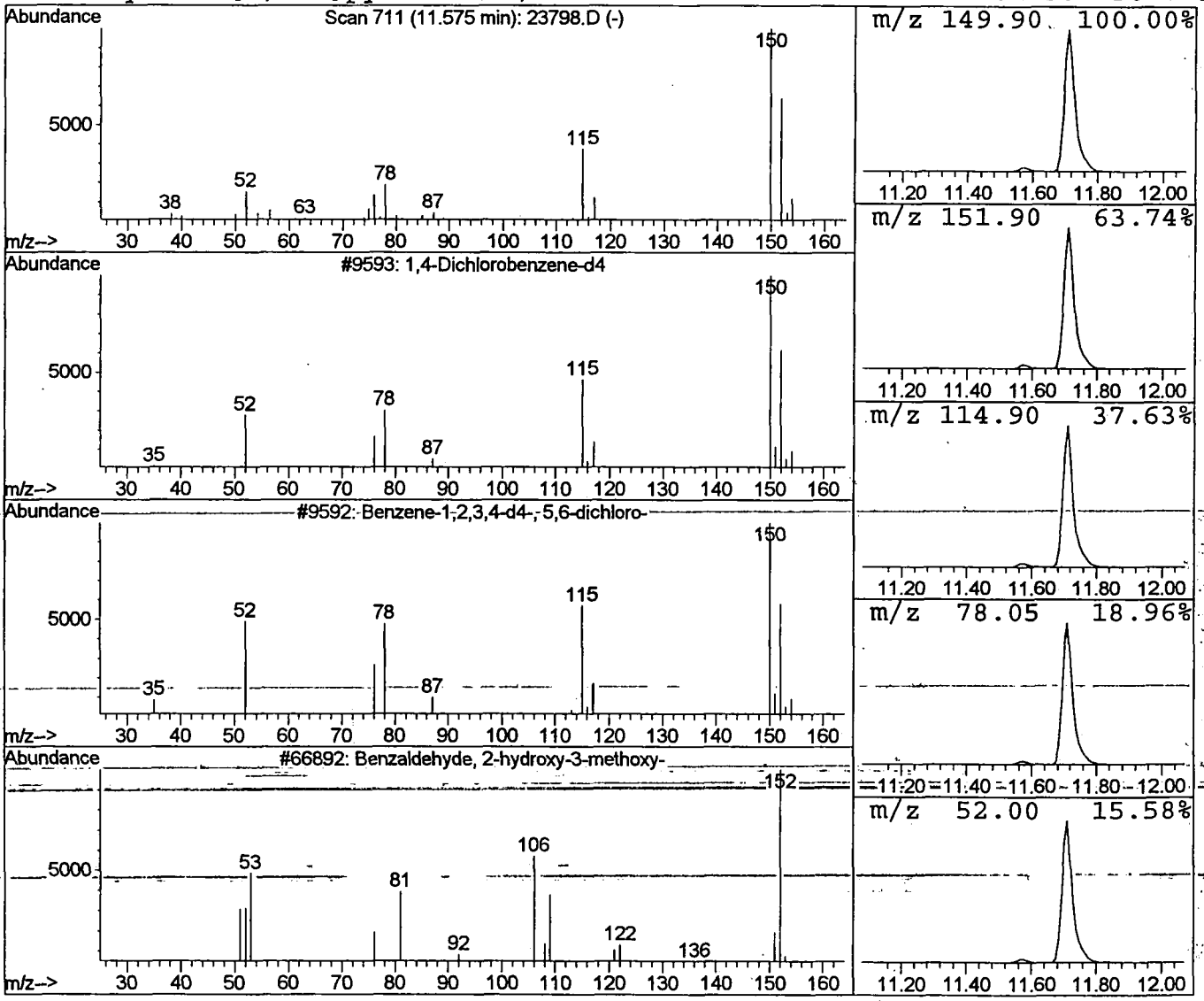
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.54 ug/l	139262	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	50
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	16
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	1H-Pyrrolo[2,3-b]pyridine-2,6-dione	152	C7H8N2O2	017384-56-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 30 Oct 2001 10:20 pm
Data File: C:\HPCHEM\1\DATA\OCT3001\23798.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	0.6	ug/l	163405	ISTD01	11.71	5172960	20.0
2-Pentanone, 4-hydro	7.70	0.9	ug/l	220447	ISTD01	11.71	5172960	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	139262	ISTD01	11.71	5172960	20.0

23798.D NP103001.M Thu Nov 01 12:05:04 2001