User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/05/2001 Time: 11:57:01

Sample: AD22915
Analysis: $GCMS GC/MS Scan For Unknowns
Started: 10/5/01 11:56 Ended: 10/5/01 11:56 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0201\22915.D Vial: 5
Acq On : 2 Oct 2001 6:01 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:57 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 : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.78	152	485142	20.00	ug/l	-0.12
19) Naphthalene-d8	15.40	136	1894395	20.00	ug/l	-0.12
31) Acenaphthene-d10	20.69	164	889128	20.00	ug/l	-0.12
49) Phenanthrene-d10	25.11	188	1267317	20.00	ug/l	-0.12
59) Chrysene-d12	33.16	240	900778	20.00	ug/l	-0.12
68) Perylene-d12	37.28	264	672653	20.00	ug/l	-0.14
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	11.79	132	203	0.01	ug/l	0.38
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.31	152	5399	0.23	ug/l	-0.12
Spiked Amount 50.000			Recovery =	0.46%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.82	172	2255	0.04	ug/l	0.01
Spiked Amount 50.000			Recovery =	0.08%		
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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0201\22915.D Vial: 5
Acq On : 2 Oct 2001 6:01 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:57 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 : Thu Sep 13 12:47:04 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	22.19	149	398	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	25.10	178	411	N.D.	
56)	Anthracene	25.10	178	412	N.D.	
57)	Di-n-butylphthalate	27.11	149	36446	0.36 ug/l	100
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	33.16	228	2175	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.41	149	13209	N.D.	
67)	Chrysene	33.16	228	2175	N.D.	
69)	Di-n-Octylphthalate	35.17	149	413	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	

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

Data File : C:\HPCHEM\1\DATA\OCT0201\22915.D Vial: 5
Acq On : 2 Oct 2001 6:01 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:57 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 : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

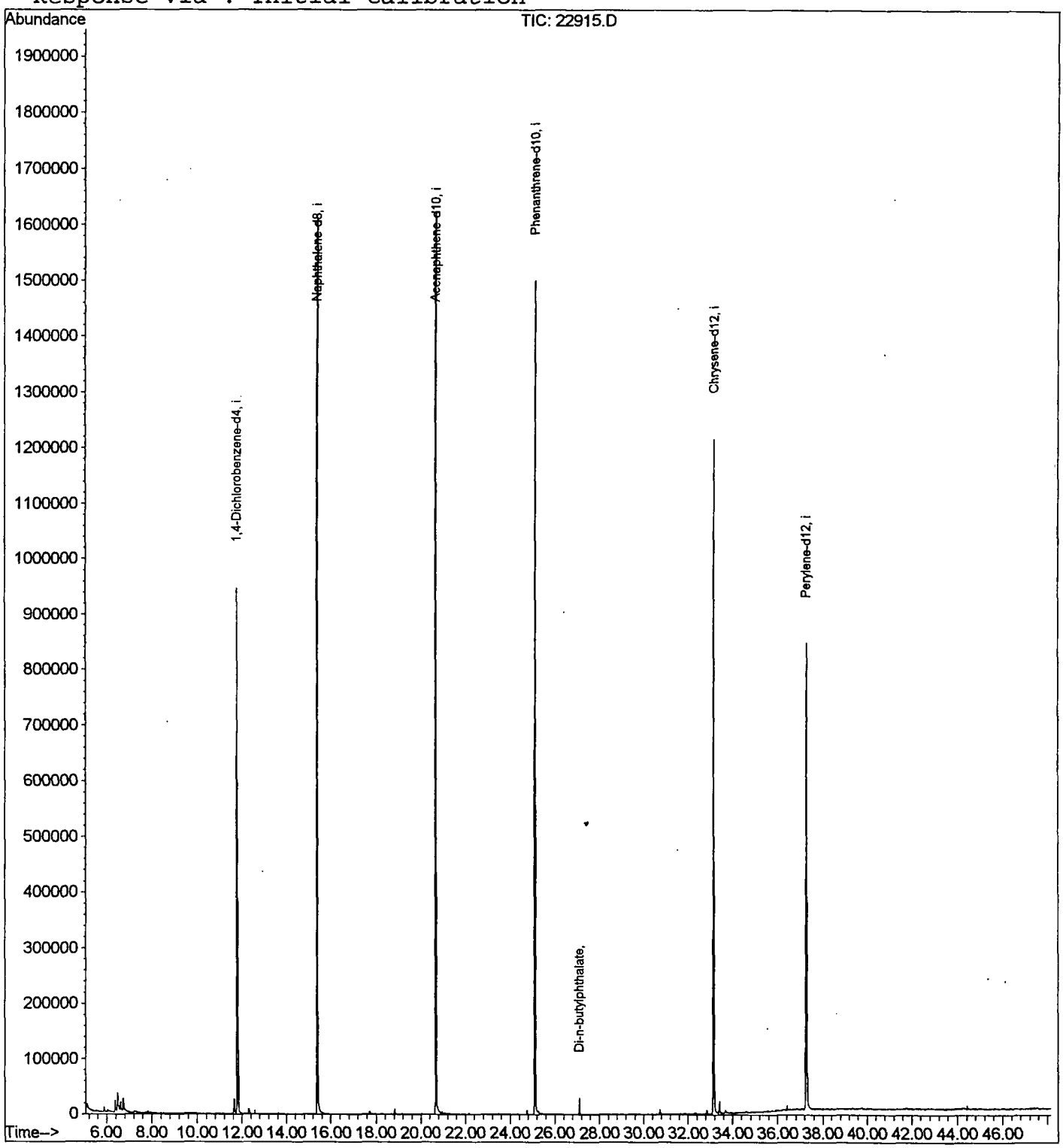
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.28	252	2436	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22915.D Vial: 5
Acq On : 2 Oct 2001 6:01 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:57 2001 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 : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22915.D Vial: 5
Acq On : 2 Oct 2001 6:01 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\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

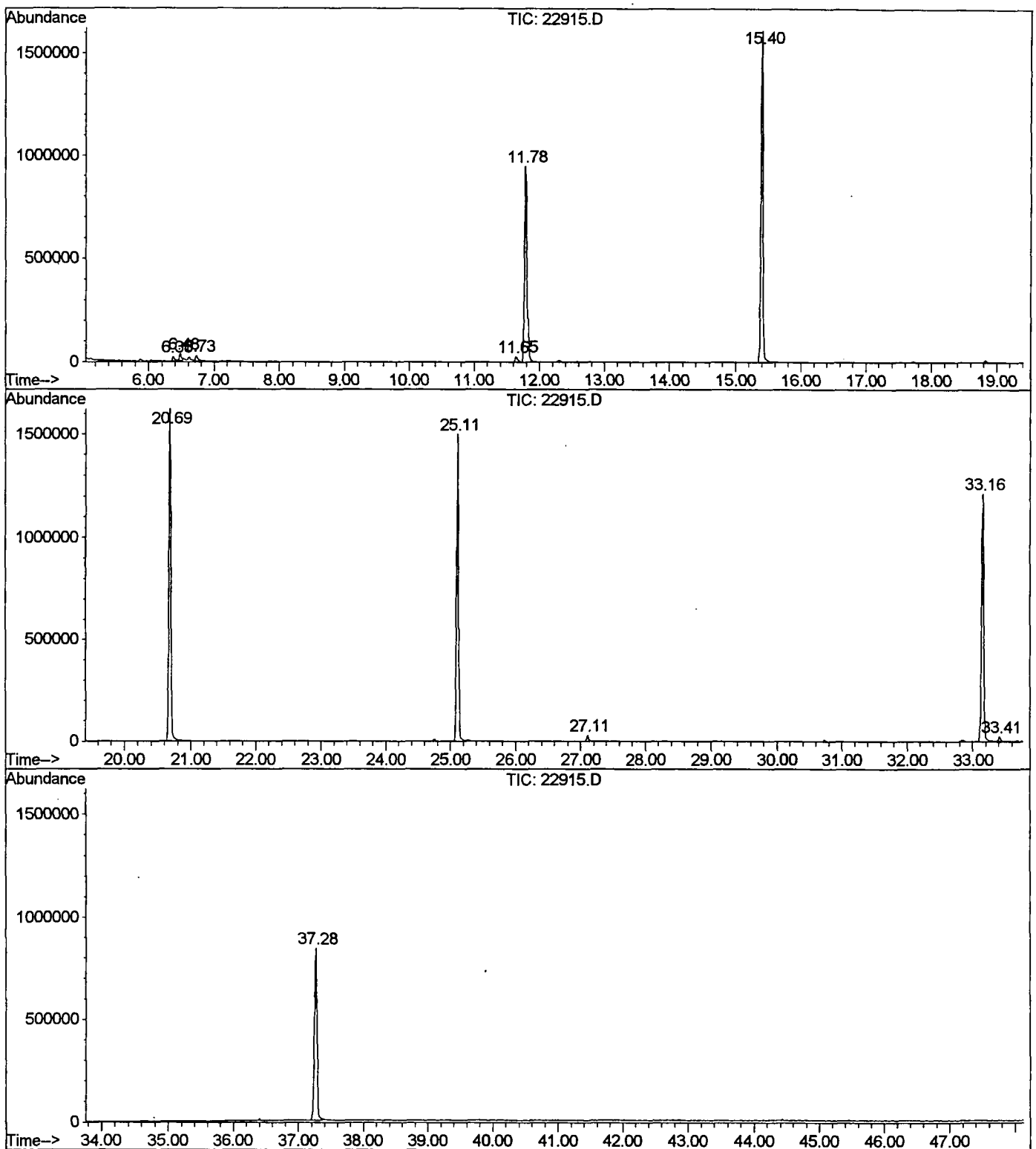
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.376	139	145	152	rBV	21794	50824	1.43%	0.278%
2	6.477	153	156	160	rBV	32054	63870	1.80%	0.349%
3	6.725	180	183	199	rVB	23462	65043	1.83%	0.356%
4	11.646	715	719	728	rVB	26072	64713	1.82%	0.354%
5	~~11.783~~	728	734	749	rBV	946524	2498886	70.24%	13.673%
6	~~15.400~~	1122	1128	1146	rBV	1610981	3441321	96.74%	18.830%
7	~~20.688~~	1697	1704	1722	rBV	1622867	3557460	100.00%	19.466%
8	~~25.113~~	2179	2186	2198	rBV2	1499178	3219467	90.50%	17.616%
9	27.105	2399	2403	2411	rBV	29586	56027	1.57%	0.307%
10	~~33.155~~	3053	3062	3073	rBV2	1214388	2789785	78.42%	15.265%
11	~~33.412~~	3086	3090	3095	rBV	21373	44289	1.24%	0.242%
12	~~37.277~~	3502	3511	3521	rBV2	836780	2423726	68.13%	13.262%

Sum of corrected areas: 18275411

22915.D NP091101.M Wed Oct 03 09:58:43 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT0201\22915.D
Operator : 209 GALOS
Acquired : 2 Oct 2001 6:01 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 5
Quant File :NP091101.RES (RTE Integrator)



22915.D NP091101.M Wed Oct 03 09:58:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22915.D
Acq On : 2 Oct 2001 6:01 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

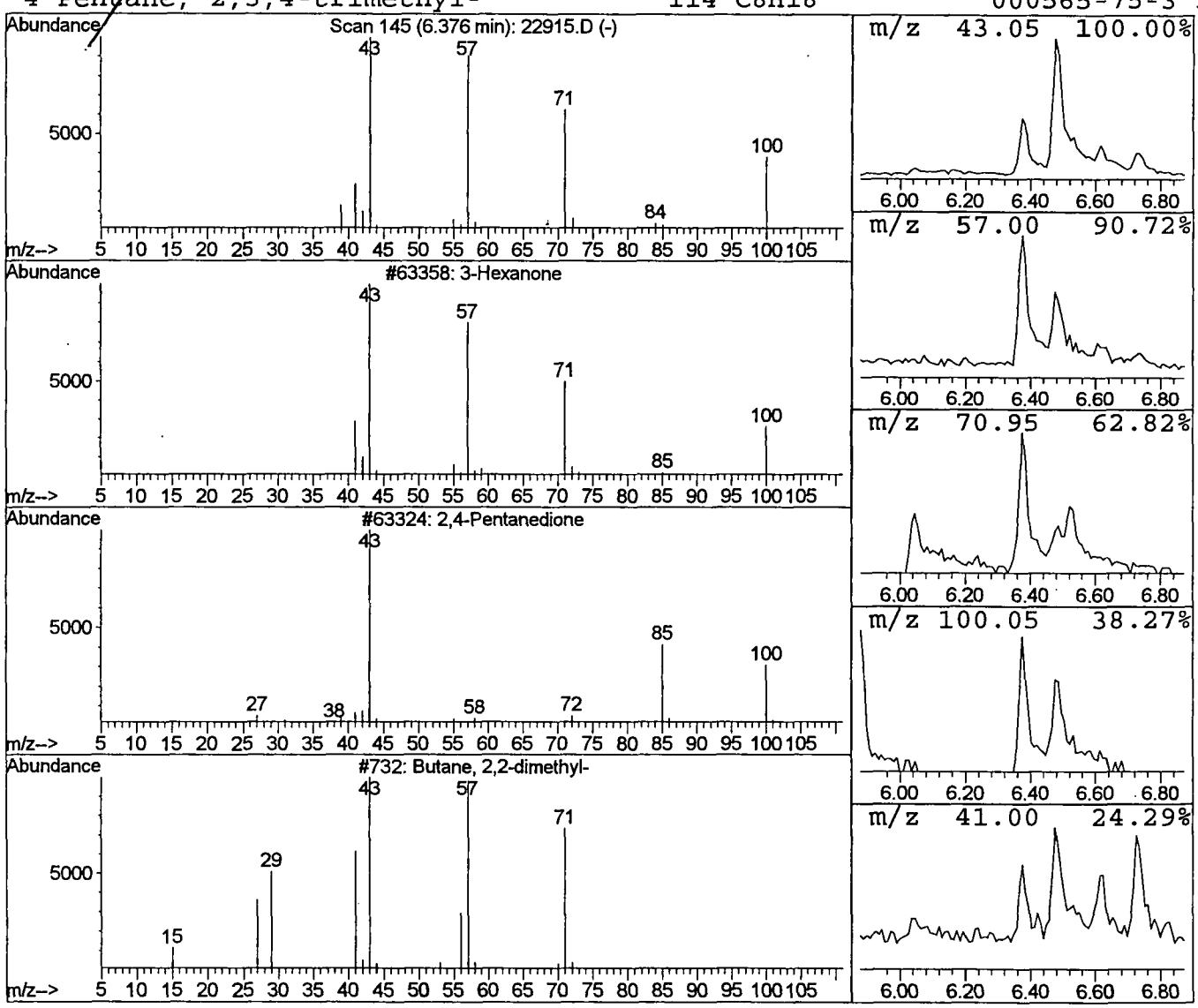
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.41 ug/l	50824	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	86
2	2,4-Pentanedione	100	C5H8O2	000123-54-6	43
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22915.D
Acq On : 2 Oct 2001 6:01 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

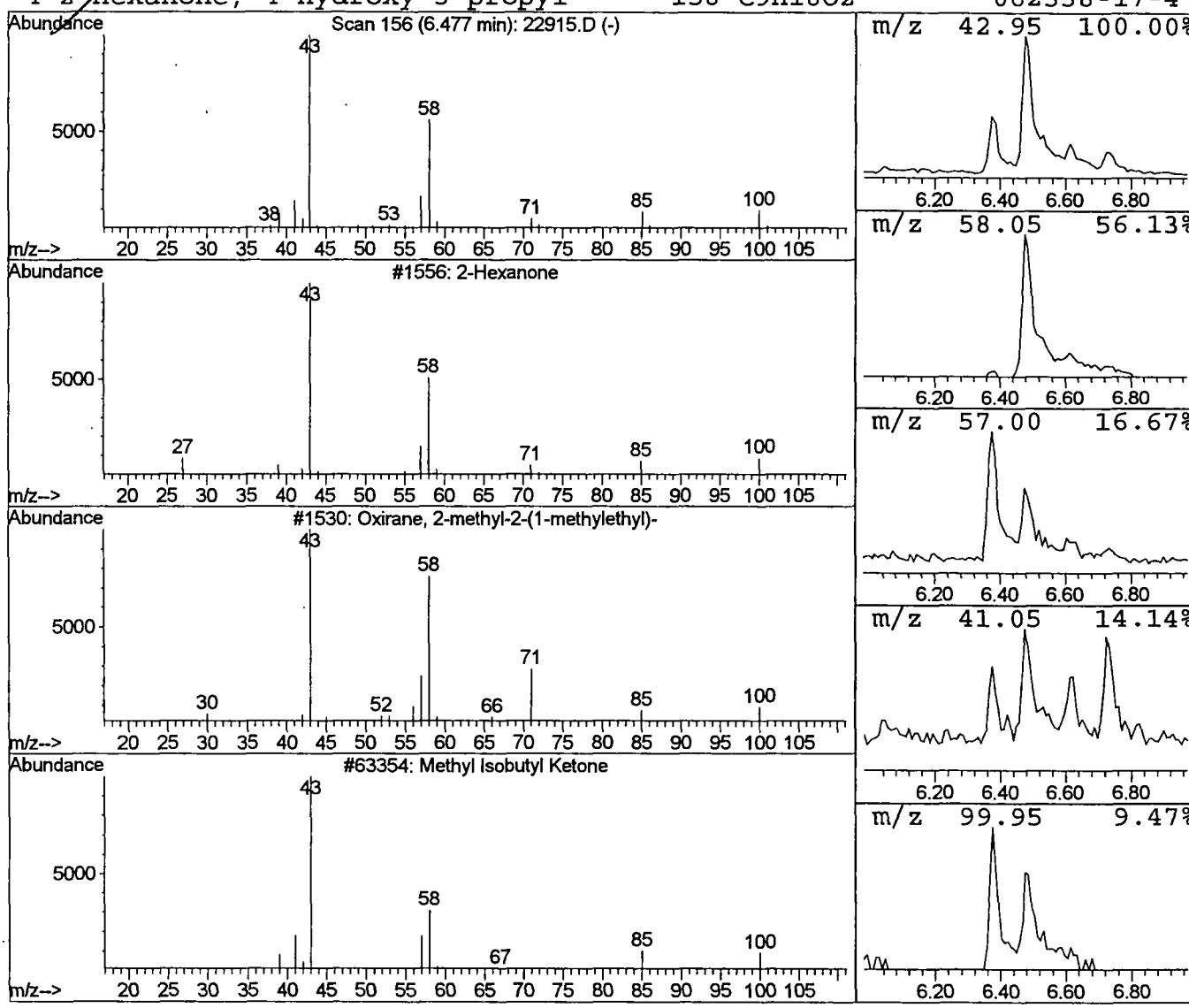
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.51 ug/l	63870	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	87
2	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	86
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22915.D
Acq On : 2 Oct 2001 6:01 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

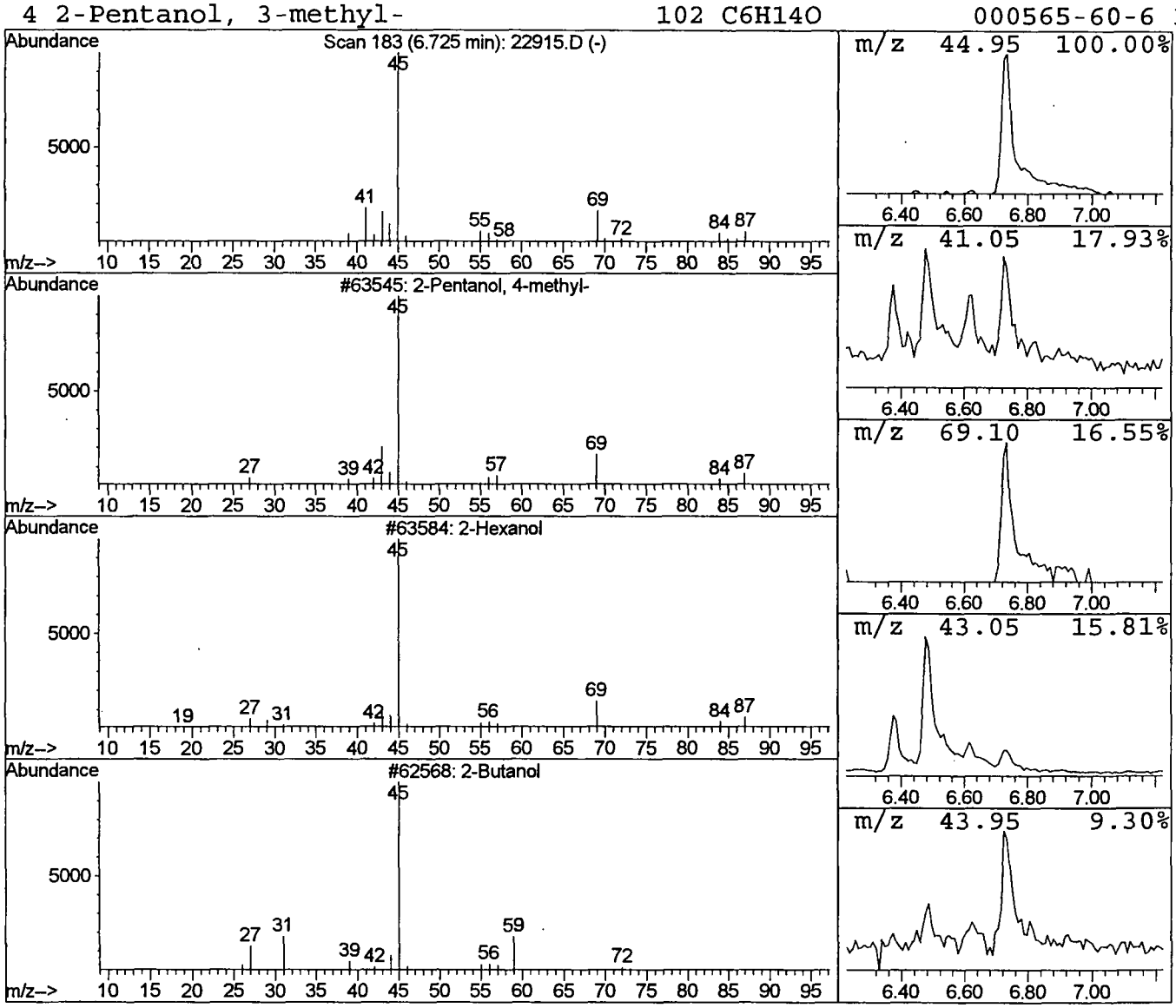
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanol, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.52 ug/l	65043	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	78
3	2-Butanol	74	C4H10O	000078-92-2	50
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22915.D
Acq On : 2 Oct 2001 6:01 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

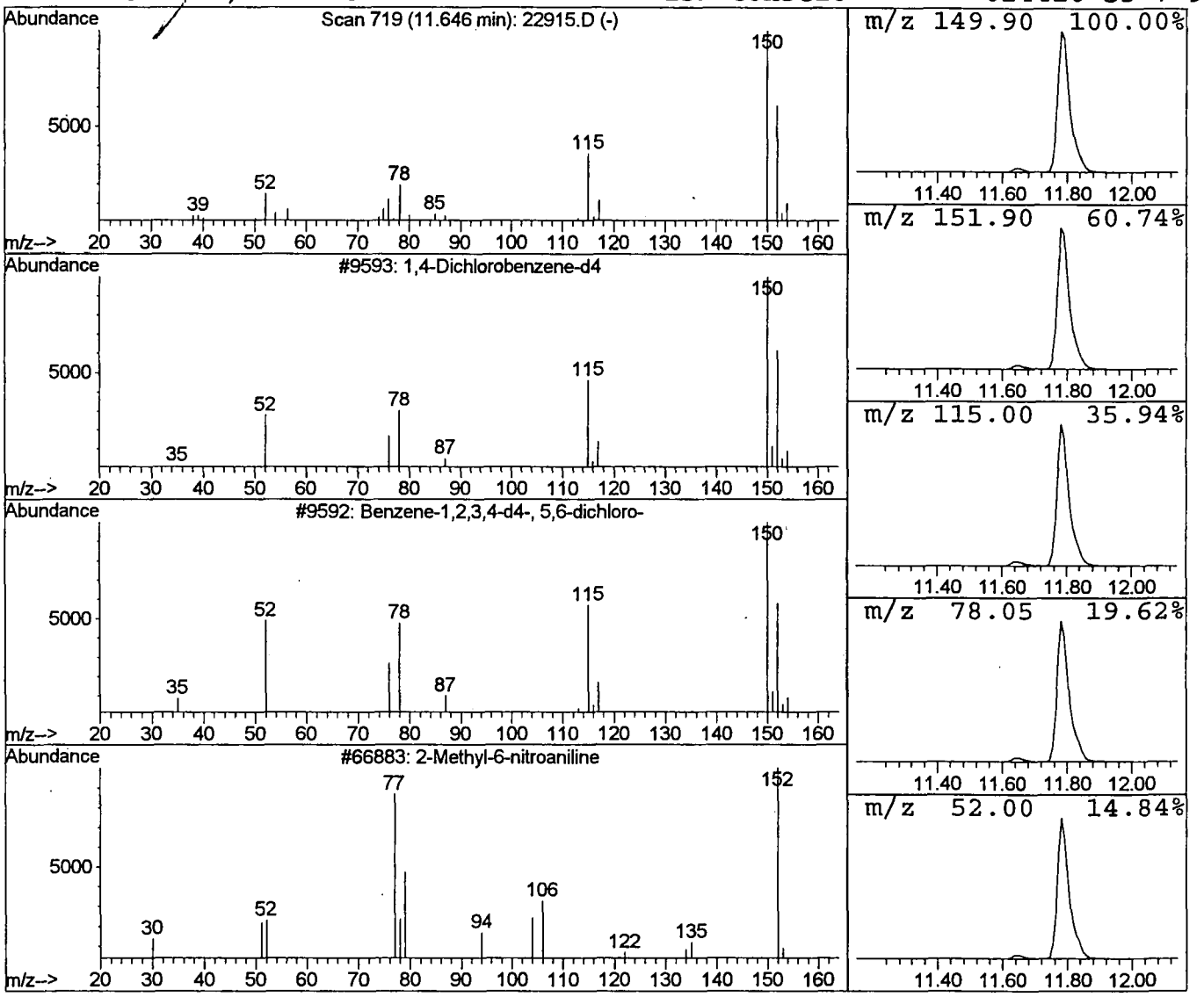
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.52 ug/l	64713	1,4-Dichlorobenzene-d4	11.78

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	12
3	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10
4	Benzofuran, 7-chloro-	152	C8H5ClO	024410-55-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Oct 2001 6:01 pm
Data File: C:\HPCHEM\1\DATA\OCT0201\22915.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
3-Hexanone	6.38	0.4	ug/l	50824	ISTD01	11.78	2498890	20.0
2-Hexanone	6.48	0.5	ug/l	63870	ISTD01	11.78	2498890	20.0
2-Pentanol, 4-methyl	6.73	0.5	ug/l	65043	ISTD01	11.78	2498890	20.0
1,4-Dichlorobenzene-	11.65	0.5	ug/l	64713	ISTD01	11.78	2498890	20.0

22915.D NP091101.M Wed Oct 03 09:58:56 2001

Comments for Sample AD22915 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-08-2001 Time: 12:00:53

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds.