

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/29/2001 Time: 11:45:38

Sample: AD24050
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/29/01 10:53 Ended: 10/29/01 10:53 Analyst: MG
 Page: 1

	Component Name	Value	Result
1	Other unknown compounds		see comment

Comments for Sample AD24050 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-29-2001 Time: 11:46:49

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\OCT2501\24050.D Vial: 11
 Acq On : 25 Oct 2001 10:27 pm Operator: 209 GALOS
 Sample : gc/ms unknown Inst : GC/MS 209
 Misc : Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Oct 26 9:51 2001 Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 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	11.73	152	678635	20.00	ug/l	-0.02
19) Naphthalene-d8	15.35	136	2751792	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.63	164	1340078	20.00	ug/l	0.00
49) Phenanthrene-d10	25.06	188	1969790	20.00	ug/l	0.00
59) Chrysene-d12	33.10	240	1121850	20.00	ug/l	0.00
68) Perylene-d12	37.20	264	760949	20.00	ug/l	0.00

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	12.26	152	7257	0.16	ug/l	-0.01
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	18.77	172	2933	0.02	ug/l	0.11
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

Target Compounds	R.T.	QIon	Response	Conc	Units	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

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Quantitation Report (QT Reviewed)

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Vial: 11

Acq On : 25 Oct 2001 10:27 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 26 9:51 2001

Quant Results File: NP101901.RES

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

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

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	21.00	165	411	N.D.		
45) Diethylphthalate	22.13	149	498	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	25.06	178	693	N.D.		
56) Anthracene	25.06	178	693	N.D.		
57) Di-n-butylphthalate	27.06	149	5108	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	33.10	228	3128	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.36	149	2291	N.D.		
67) Chrysene	33.10	228	3128	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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\24050.D

Vial: 11

Acq On : 25 Oct 2001 10:27 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 26 9:51 2001

Quant Results File: NP101901.RES

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

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

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	37.21	252	2690	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
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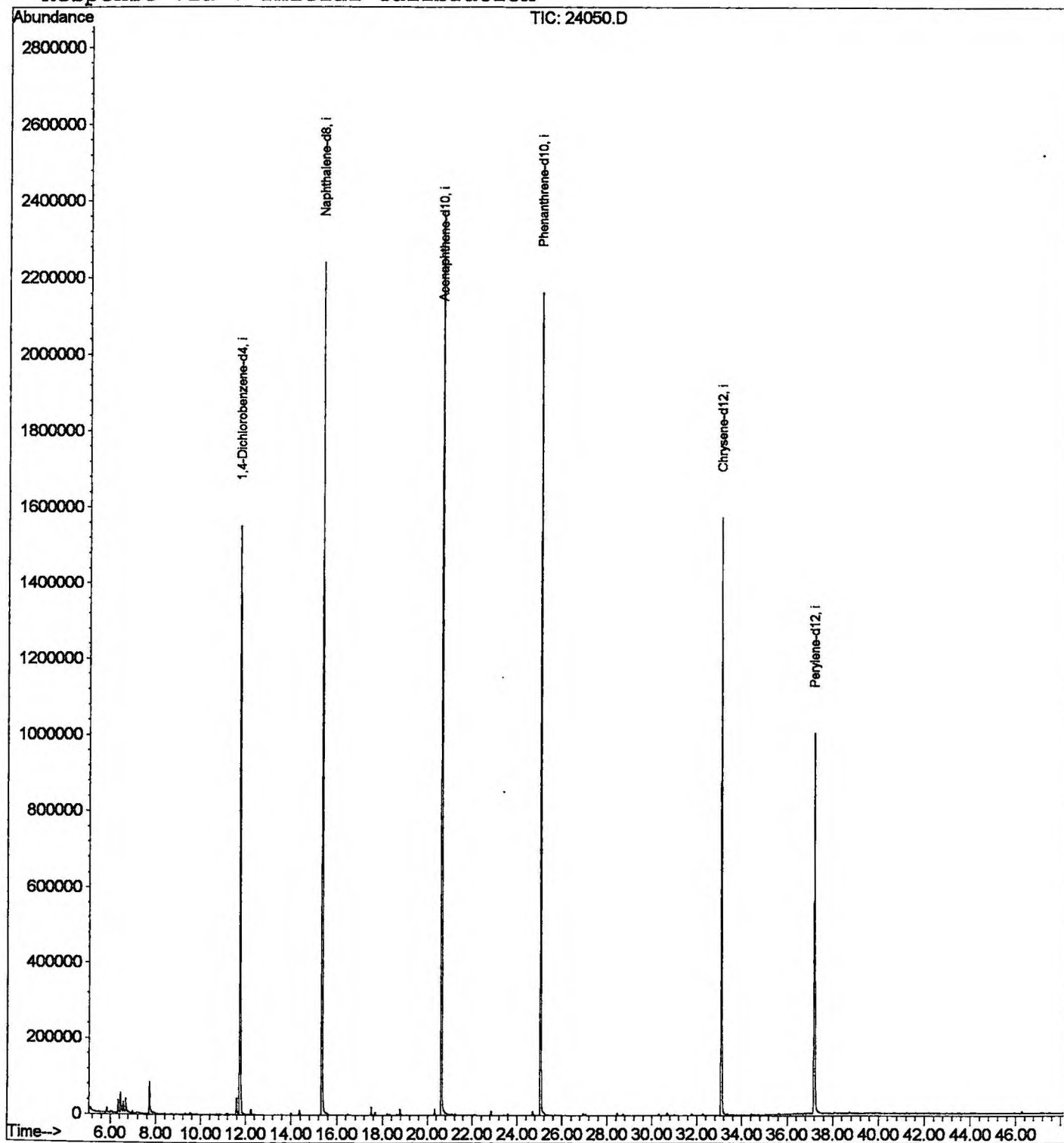
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24050.D
Acq On : 25 Oct 2001 10:27 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 26 9:51 2001

Vial: 11
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\OCT2501\24050.D
 Acq On : 25 Oct 2001 10:27 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 11
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP101901.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

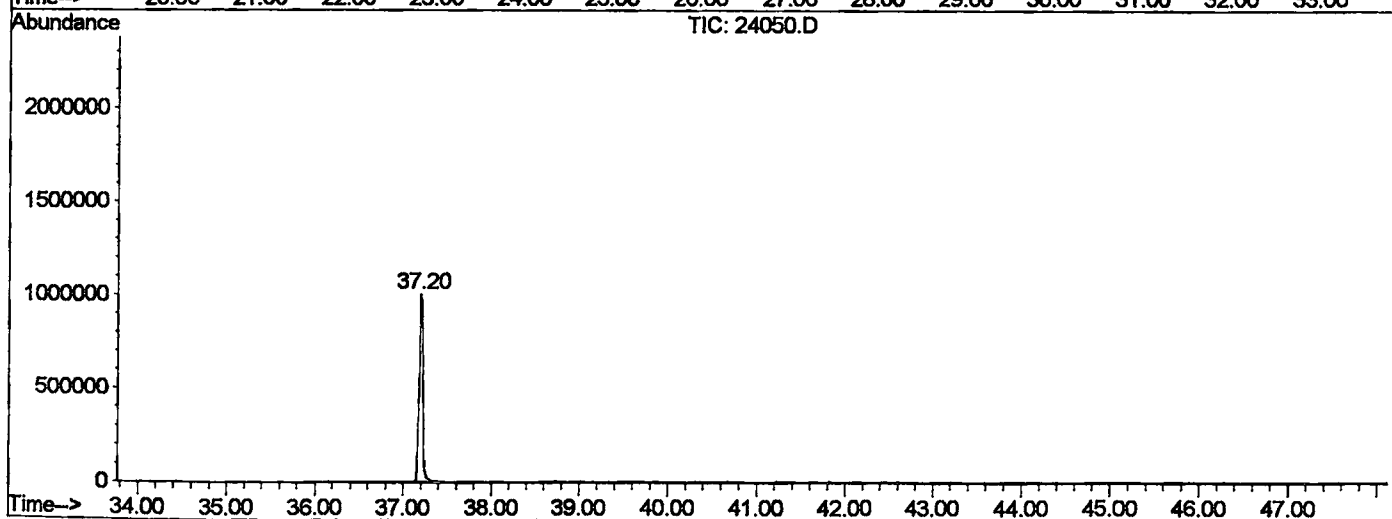
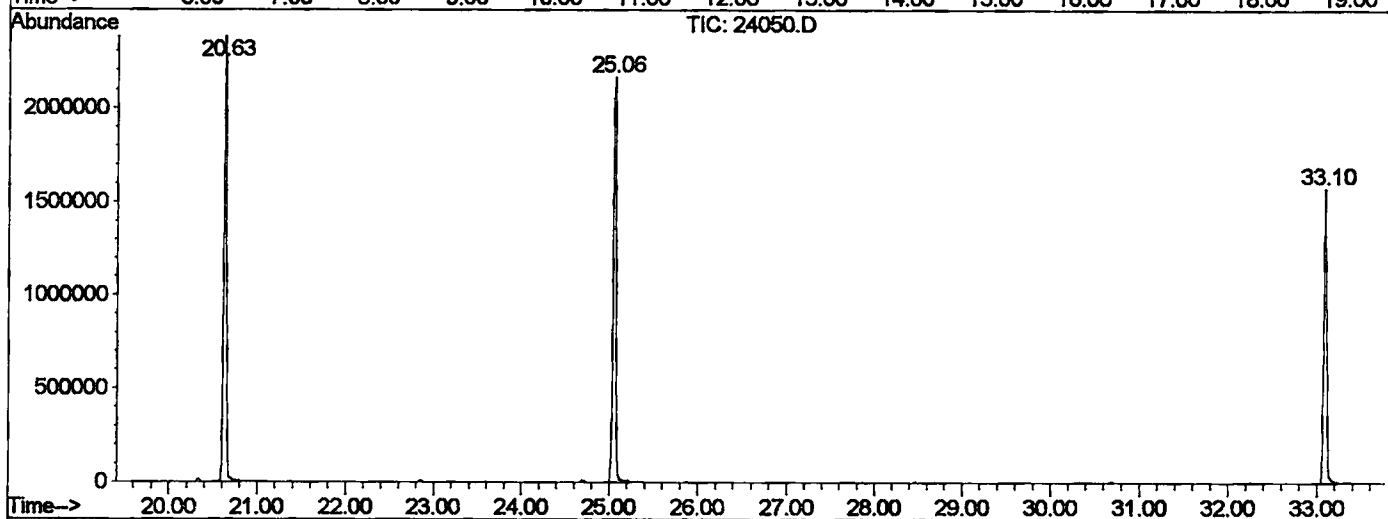
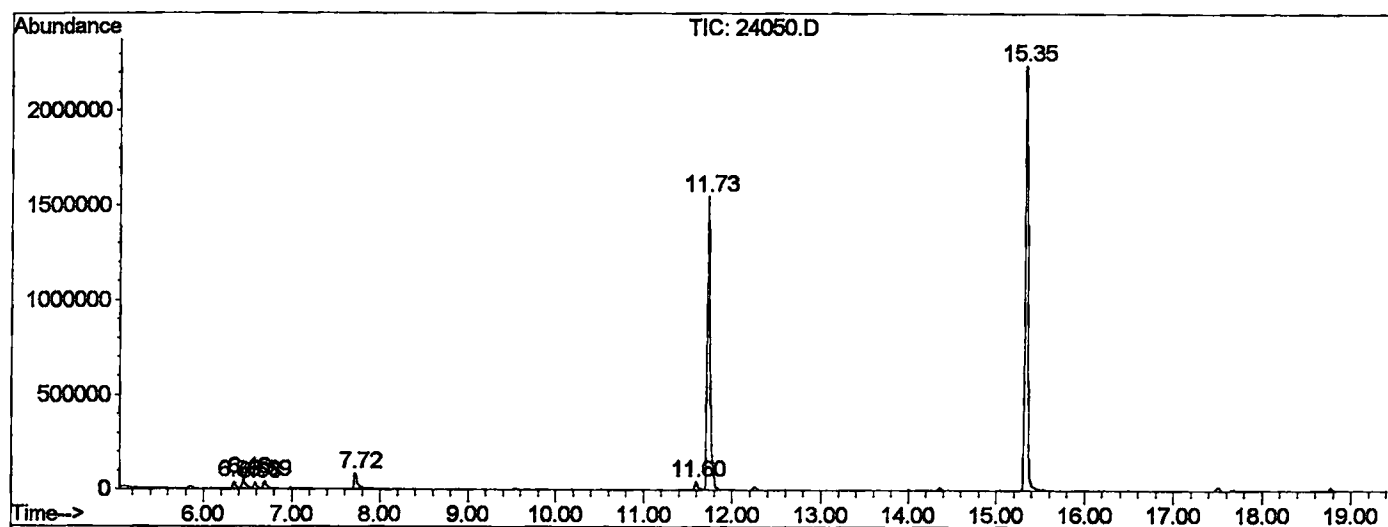
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.346	138	142	150	rBV	34460	72253	1.36%	0.276%
2	6.456	150	154	165	rVV	53281	141207	2.65%	0.539%
3	6.584	165	168	176	rVV	28692	62732	1.18%	0.239%
4	6.694	176	180	194	rVB	36881	85514	1.61%	0.326%
5	7.723	288	292	308	rBV	83202	214320	4.03%	0.818%
6	11.597	709	714	724	rBV	43779	95520	1.80%	0.365%
7	11.734	724	729	743	rBV	1549378	3630955	68.24%	13.857%
8	15.351	1116	1123	1139	rBV	2240932	5064943	95.19%	19.330%
9	20.630	1691	1698	1715	rBV	2377479	5321057	100.00%	20.307%
10	25.064	2170	2181	2191	rBV	2162610	5002778	94.02%	19.093%
11	33.097	3049	3056	3068	rBV2	1573745	3625942	68.14%	13.838%
12	37.201	3494	3503	3518	rBV2	999194	2885511	54.23%	11.012%

Sum of corrected areas: 26202732

24050.D NP101901.M Fri Oct 26 10:25:46 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT2501\24050.D
Operator : 209 GALOS
Acquired : 25 Oct 2001 10:27 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 11
Quant File :NP101901.RES (RTE Integrator)



24050.D NP101901.M Fri Oct 26 10:25:50 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24050.D
 Acq On : 25 Oct 2001 10:27 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

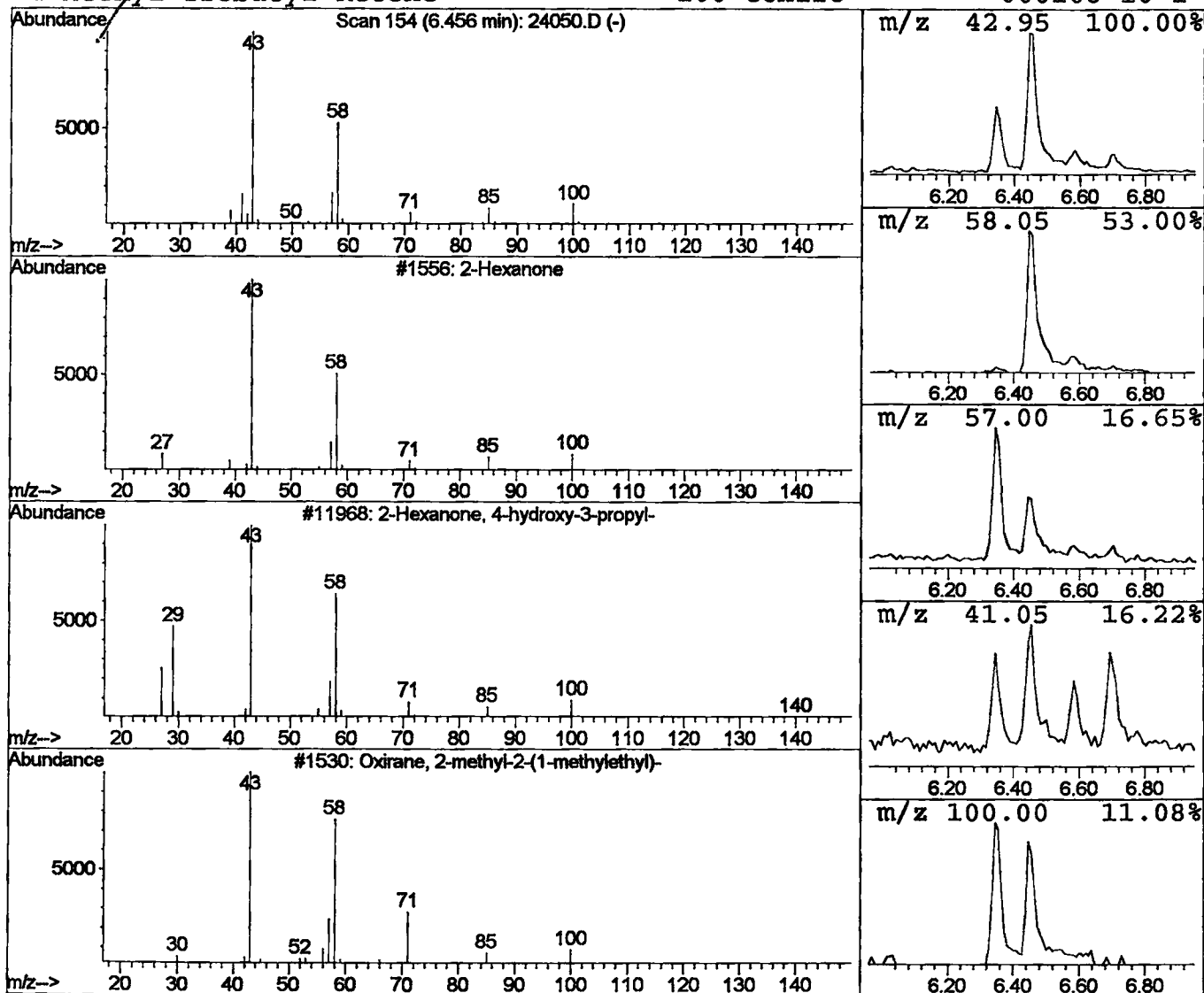
Vial: 11
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	0.78 ug/l	141207	1,4-Dichlorobenzene-d4	11.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone		100	C6H12O	000591-78-6	87
2	2-Hexanone, 4-hydroxy-3-propyl-		158	C9H18O2	062338-17-4	78
3	Oxirane, 2-methyl-2-(1-methylethyl)		100	C6H12O	072221-03-5	72
4	Methyl Isobutyl Ketone		100	C6H12O	000108-10-1	52



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24050.D
 Acq On : 25 Oct 2001 10:27 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

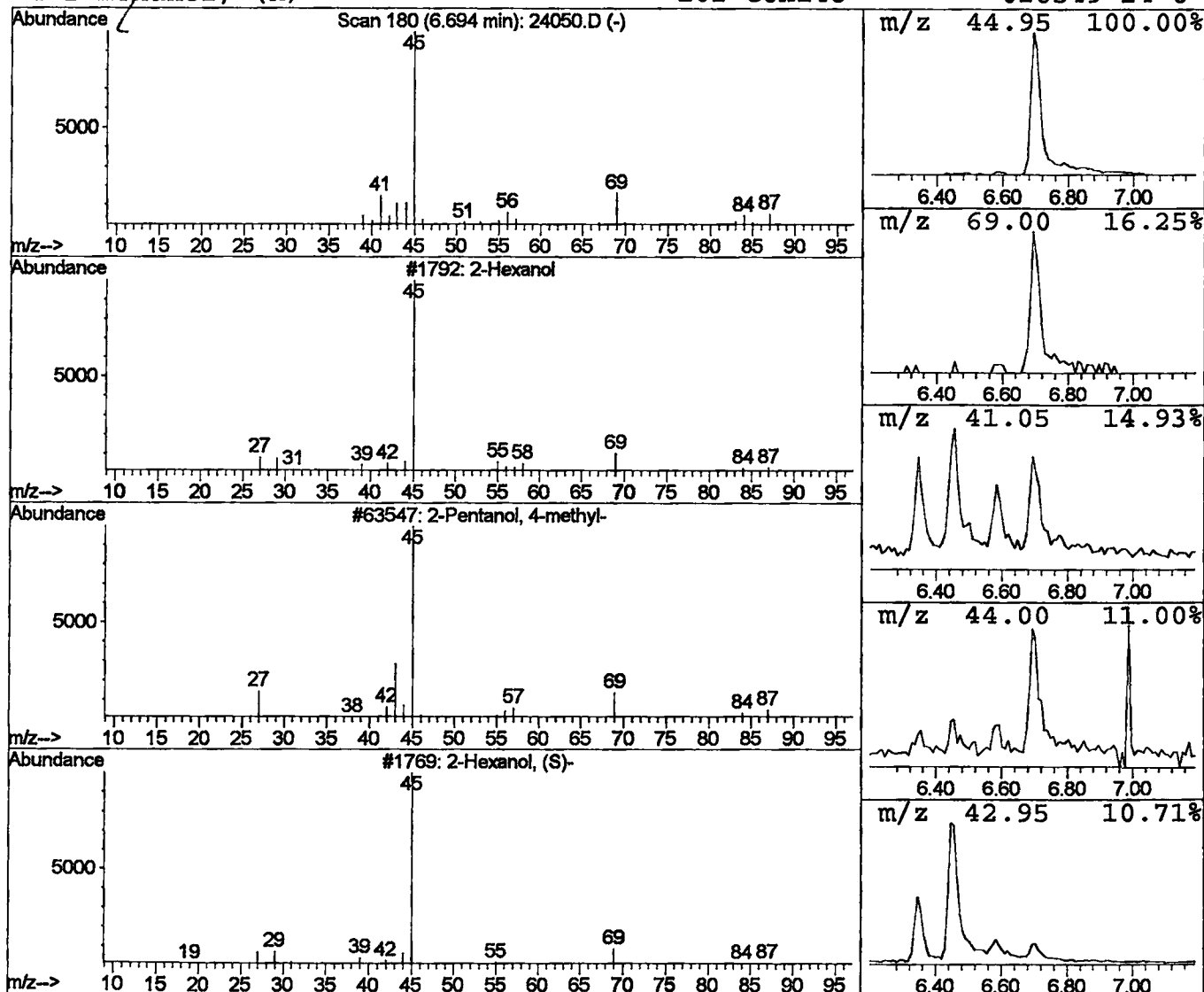
Vial: 11
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	0.47 ug/l	85514	1,4-Dichlorobenzene-d4	11.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol		102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	78
3	2-Hexanol, (S)-		102	C6H14O	052019-78-0	64
4	2-Hexanol, (R)-		102	C6H14O	026549-24-6	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24050.D
Acq On : 25 Oct 2001 10:27 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

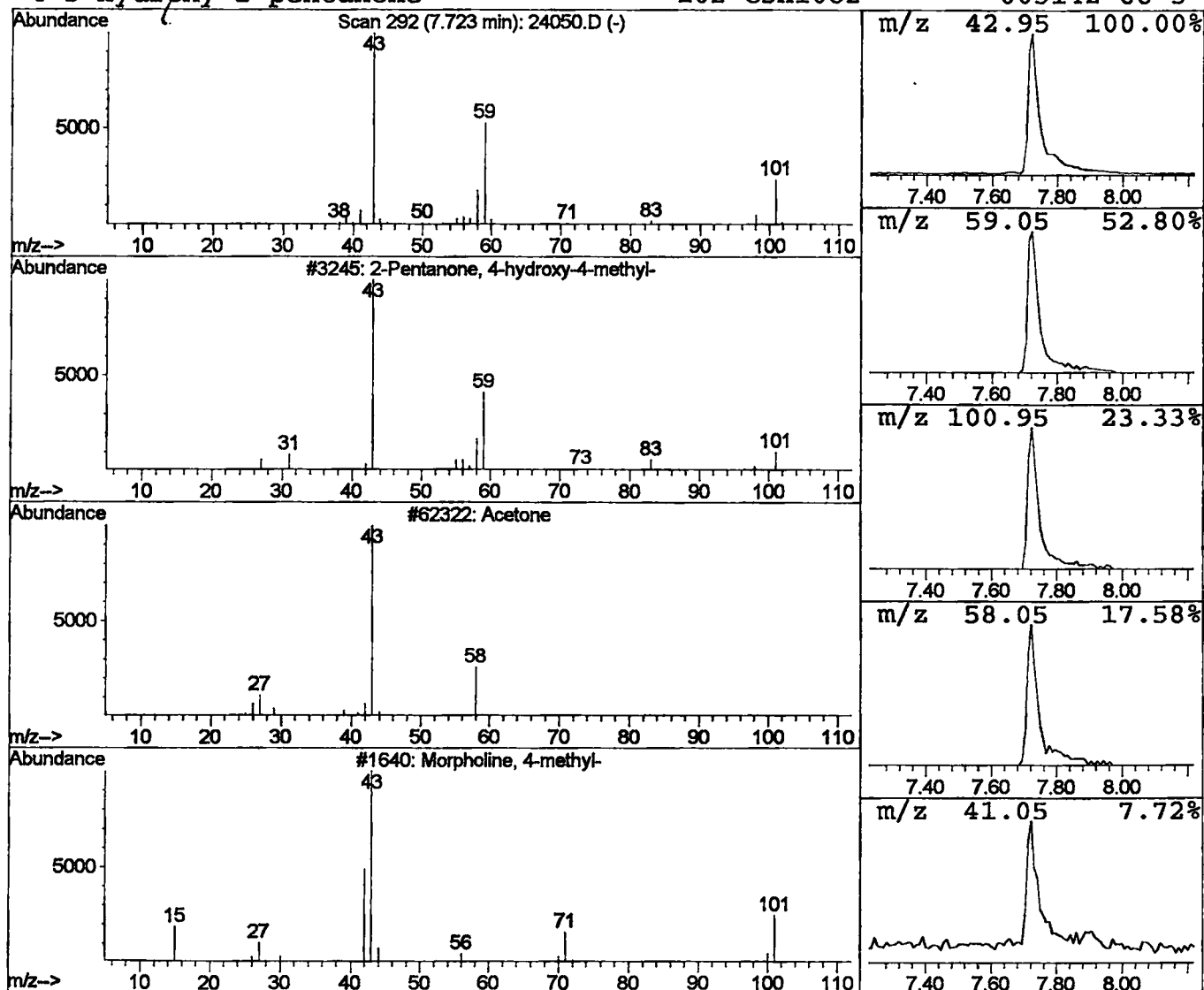
Title : 209 625/TCLP calibration table 7/16/01

Library : C:\DATABASE\NBS75K.L

Peak Number 3 2-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	1.18 ug/l	214320	1,4-Dichlorobenzene-d4	11.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2			Acetone	58	C3H6O	000067-64-1	9
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24050.D
 Acq On : 25 Oct 2001 10:27 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

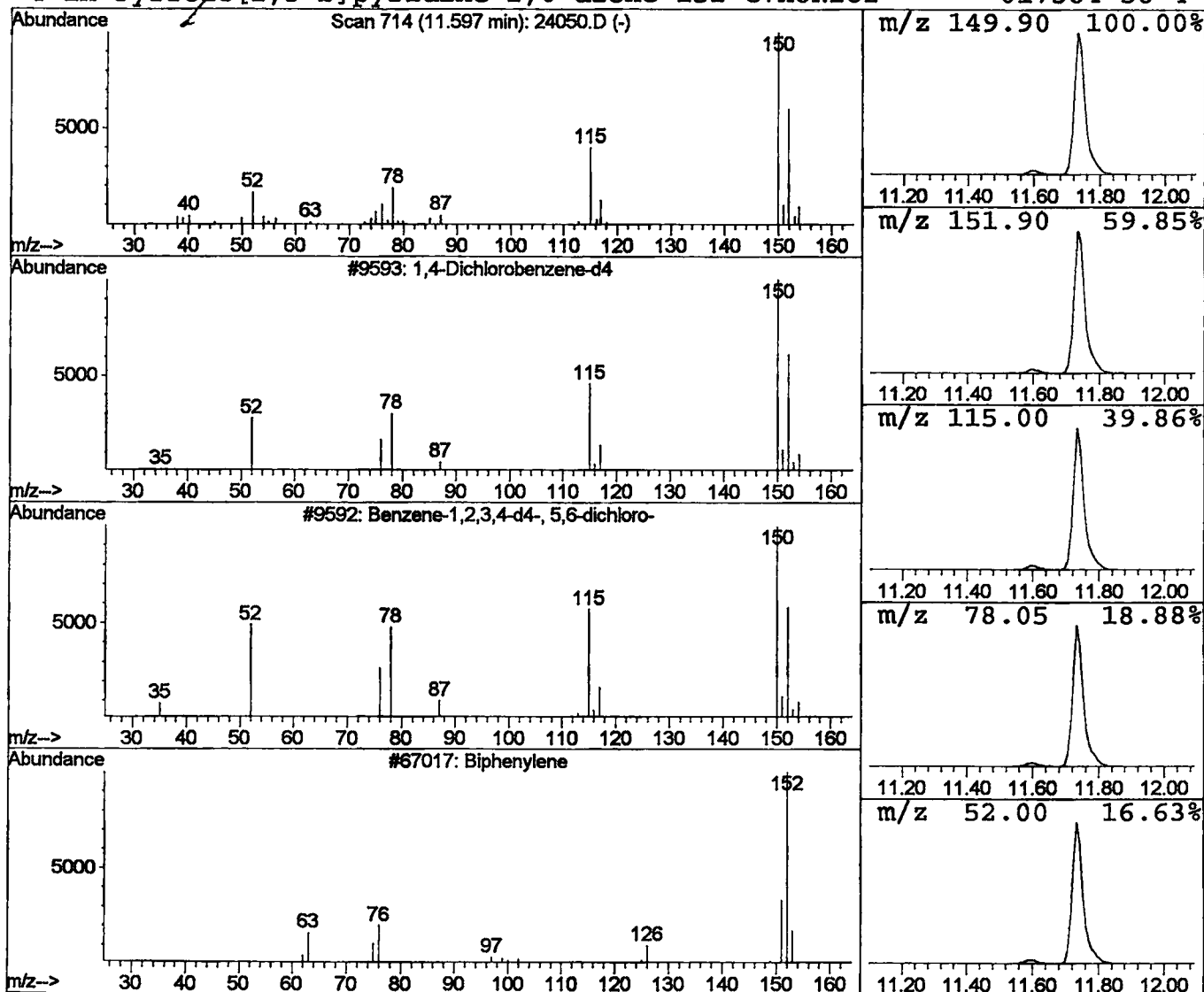
Vial: 11
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	0.53 ug/l	95520	1,4-Dichlorobenzene-d4	11.73

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	25
3			Biphenylene	152	C12H8	000259-79-0	9
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: 25 Oct 2001 10:27 pm
Data File: C:\HPCHEM\1\DATA\OCT2501\24050.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	6.46	0.8	ug/l	141207	ISTD01	11.73	3630960	20.0
2-Hexanol	6.69	0.5	ug/l	85514	ISTD01	11.73	3630960	20.0
2-Pentanone, 4-hydro	7.72	1.2	ug/l	214320	ISTD01	11.73	3630960	20.0
1,4-Dichlorobenzene-	11.60	0.5	ug/l	95520	ISTD01	11.73	3630960	20.0

24050.D NP101901.M Fri Oct 26 10:26:26 2001