User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/05/2001 Time: 08:44:24

Sample: AD24287
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/5/01 08:43 Ended: 11/5/01 08:43 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

Comments for Sample AD24287 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-05-2001 Time: 08:53:46

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\OCT3101\24287.D Vial: 8
Acq On : 31 Oct 2001 10:57 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 11:42 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	517854	20.00	ug/l	-0.02
19) Naphthalene-d8	15.32	136	2001005	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.59	164	966154	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	1423445	20.00	ug/l	-0.02
59) Chrysene-d12	33.05	240	983138	20.00	ug/l	-0.02
68) Perylene-d12	37.16	264	732131	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	11.71	132	340	0.01	ug/l	0.47
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.23	152	5418	0.28	ug/l	-0.02
Spiked Amount 50.000			Recovery =	0.56%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.75	172	2302	0.04	ug/l	0.13
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	29.92	244	735	0.01	ug/l	-0.03
Spiked Amount 50.000			Recovery =	0.02%		

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\OCT3101\24287.D Vial: 8
Acq On : 31 Oct 2001 10:57 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 11:42 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

	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	22.10	149	181	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	0.00	178	0	N.D.	
56)	Anthracene	25.02	178	178	N.D.	
57)	Di-n-butylphthalate	27.02	149	3032	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	2490	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	1445	N.D.	
67)	Chrysene	33.06	228	2490	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3101\24287.D Vial: 8
Acq On : 31 Oct 2001 10:57 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 11:42 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

	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	2755	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.	

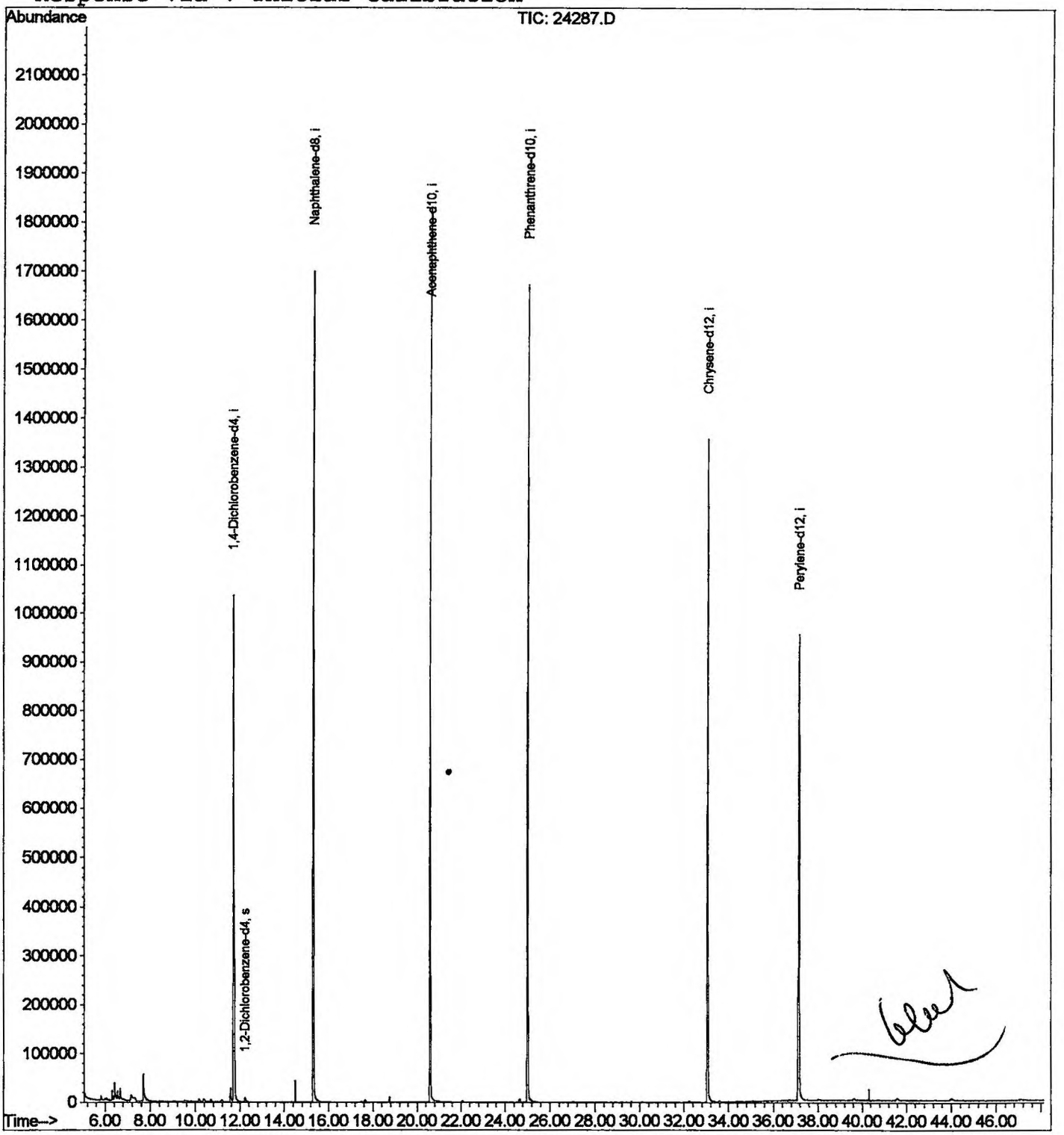
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT3101\24287.D
Acq On : 31 Oct 2001 10:57 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 1 11:42 2001

Vial: 8
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 10:28:09 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT3101\24287.D Vial: 8
Acq On : 31 Oct 2001 10:57 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

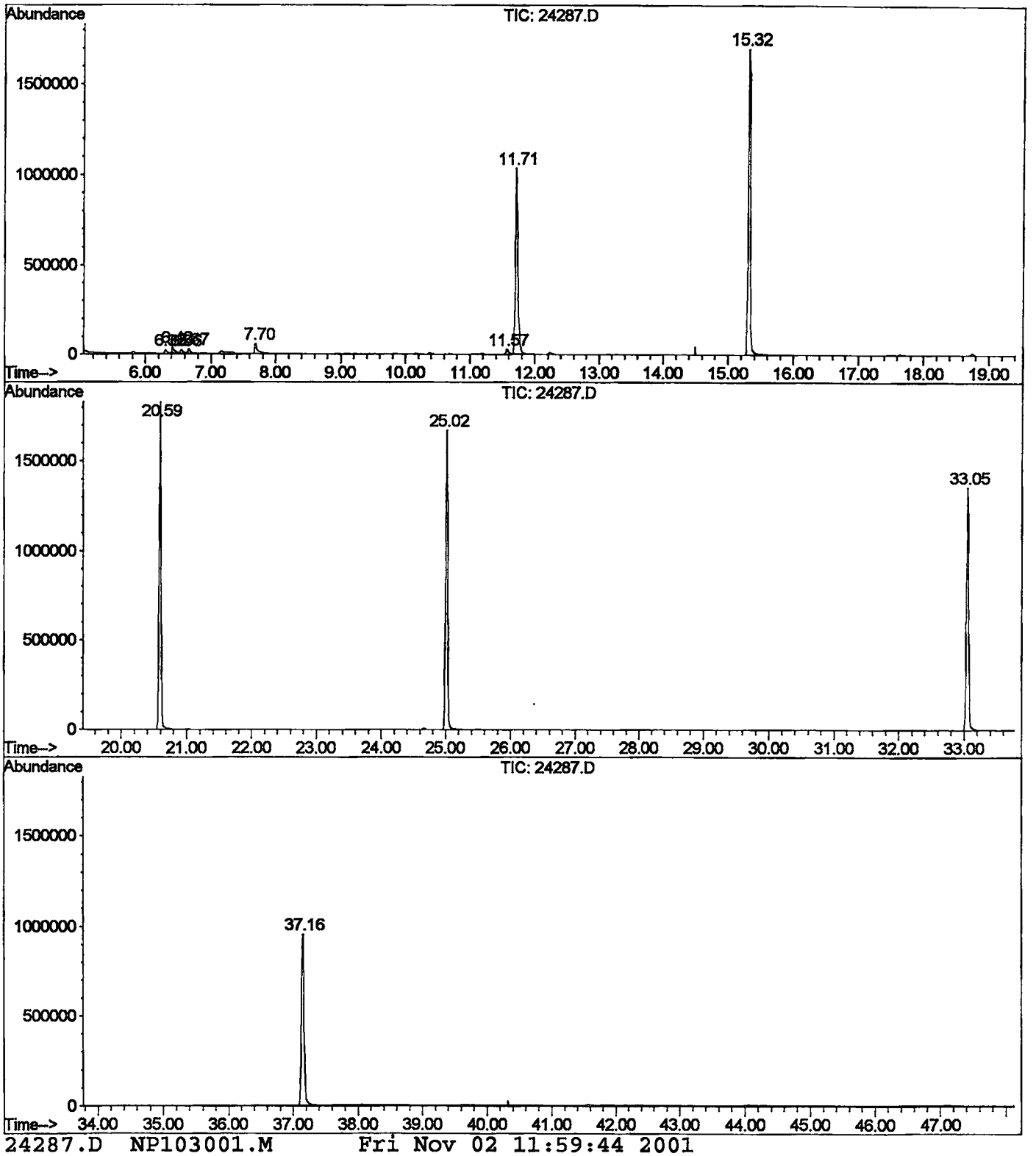
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.319	135	139	145	rBV	20497	43416	1.14%	0.215%
2	6.420	146	150	161	rVV2	35773	98339	2.58%	0.488%
3	6.558	161	165	173	rVV	18535	49857	1.31%	0.247%
4	6.668	173	177	192	rVB2	24363	61720	1.62%	0.306%
5	7.696	285	289	304	rBV	55490	165138	4.33%	0.819%
6	11.570	707	711	721	rBV	27862	71089	1.86%	0.353%
7	11.708	721	726	747	rVV	1035964	2721892	71.40%	13.505%
8	15.316	1113	1119	1137	rBV	1699767	3669181	96.24%	18.205%
9	20.594	1688	1694	1709	rBV	1830371	3812372	100.00%	18.916%
10	25.019	2169	2176	2188	rBV2	1672686	3587499	94.10%	17.800%
11	33.052	3044	3051	3073	rBV2	1357671	3159085	82.86%	15.674%
12	37.156	3489	3498	3514	rBV2	953816	2714749	71.21%	13.470%

Sum of corrected areas: 20154337

24287.D NP103001.M Fri Nov 02 11:59:41 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT3101\24287.D
Operator : 209 GALOS
Acquired : 31 Oct 2001 10:57 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 8
Quant File :NP101901.RES (RTE Integrator)



24287.D NP103001.M Fri Nov 02 11:59:44 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3101\24287.D
Acq On : 31 Oct 2001 10:57 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

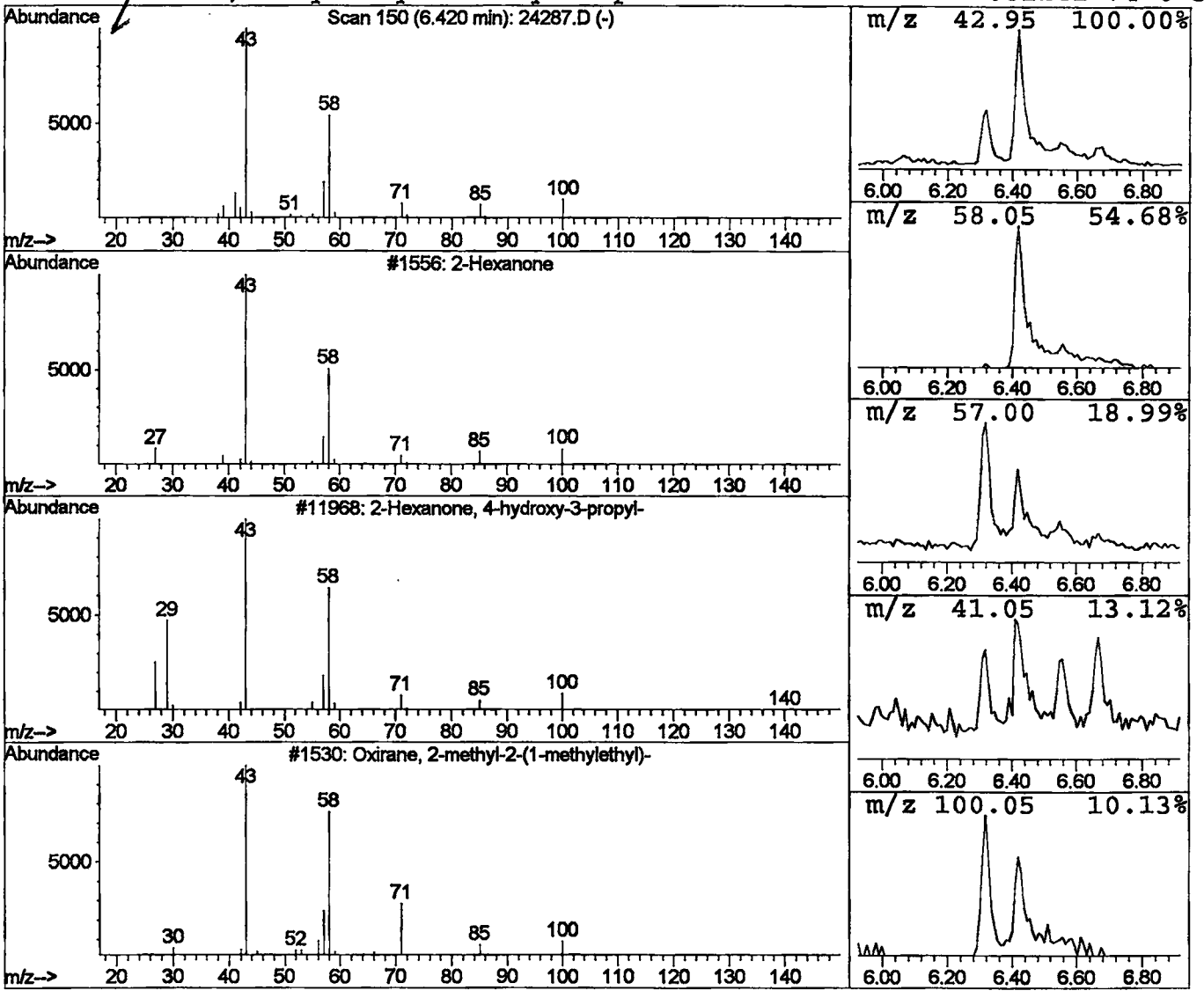
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.72 ug/l	98339	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	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	83
3	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	78
4	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3101\24287.D
Acq On : 31 Oct 2001 10:57 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

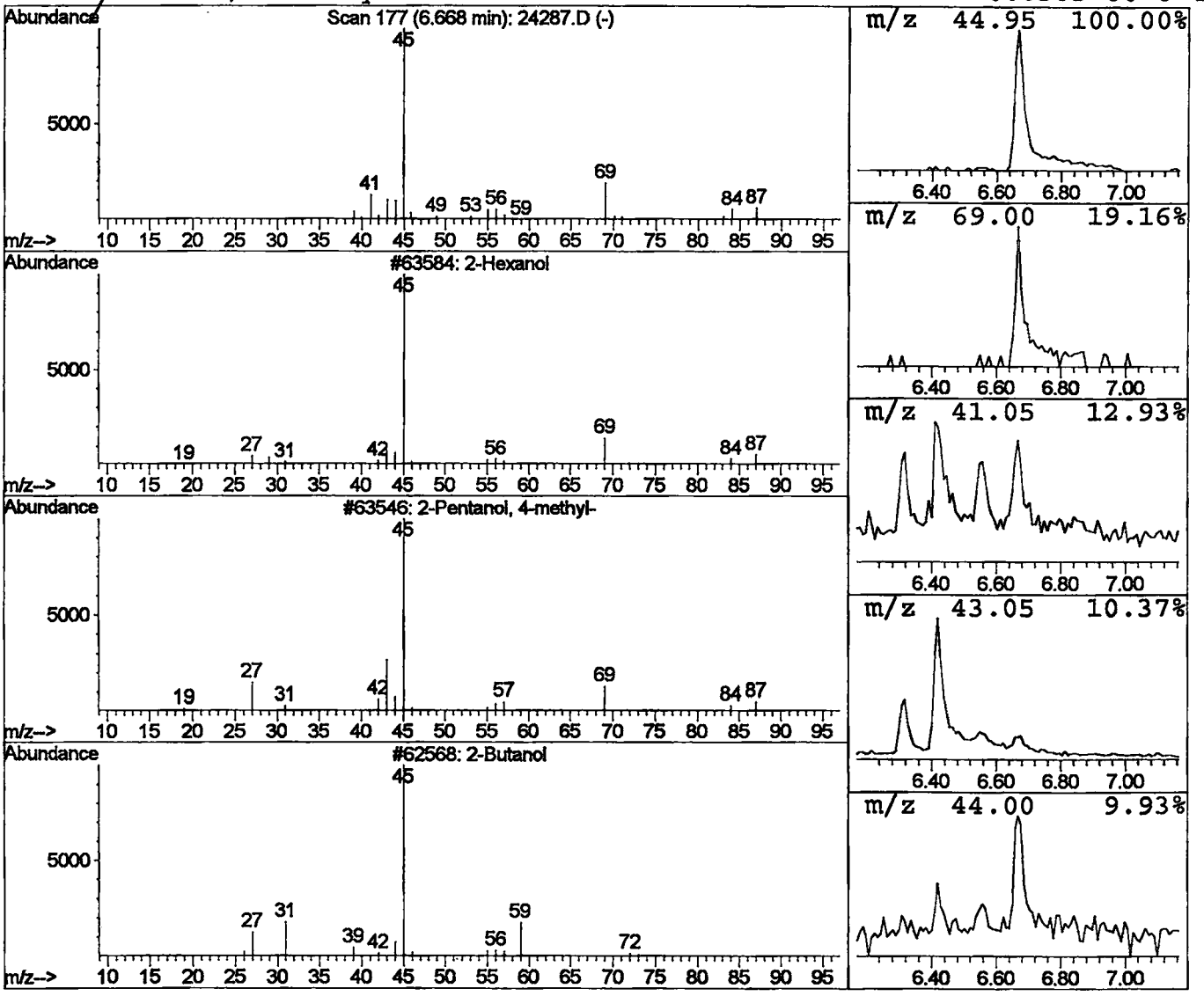
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	0.45 ug/l	61720	1,4-Dichlorobenzene-d4	11.71

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	74
3	2-Butanol	74	C4H10O	000078-92-2	50
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3101\24287.D
Acq On : 31 Oct 2001 10:57 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

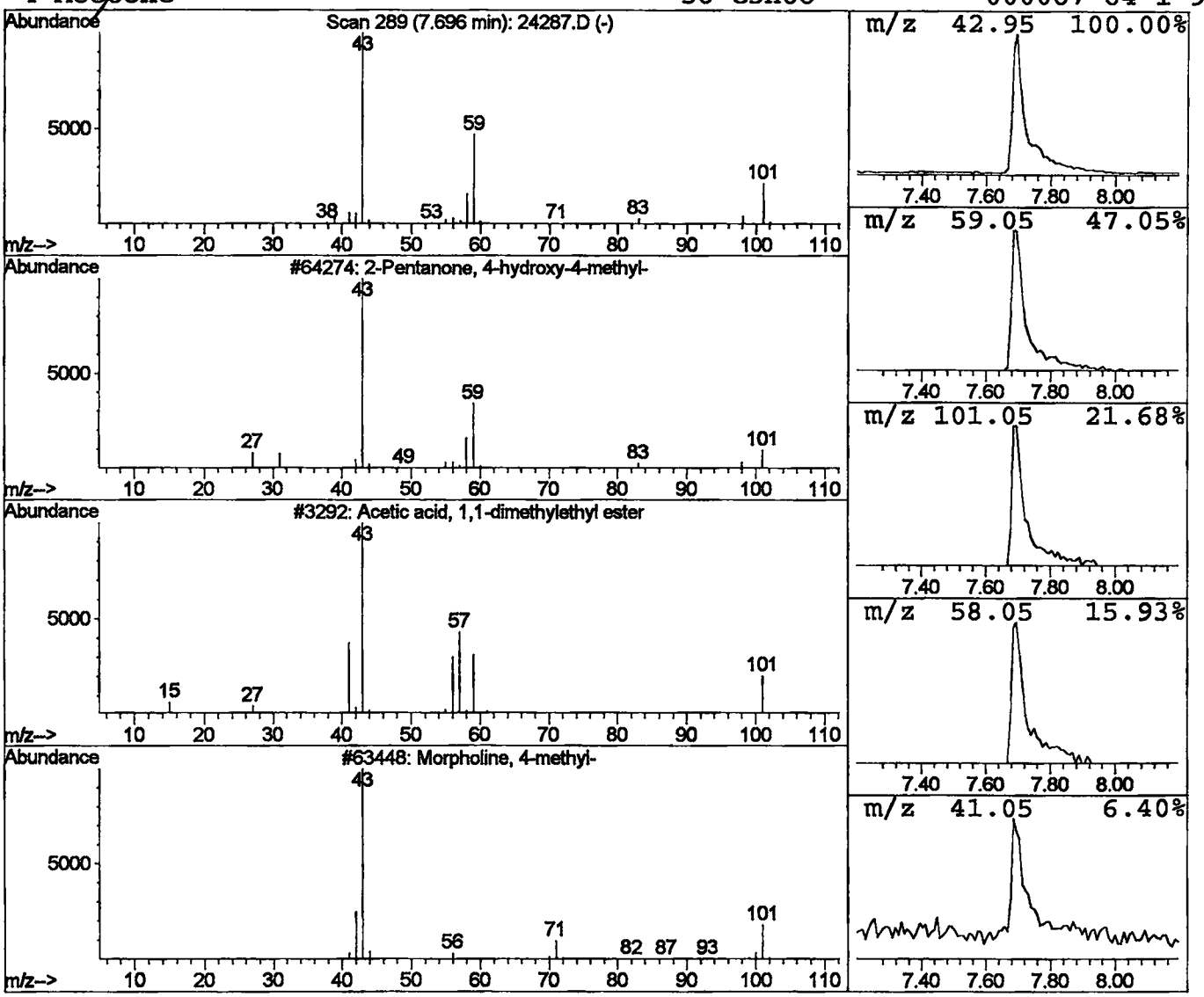
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	1.21 ug/l	165138	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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3101\24287.D
Acq On : 31 Oct 2001 10:57 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

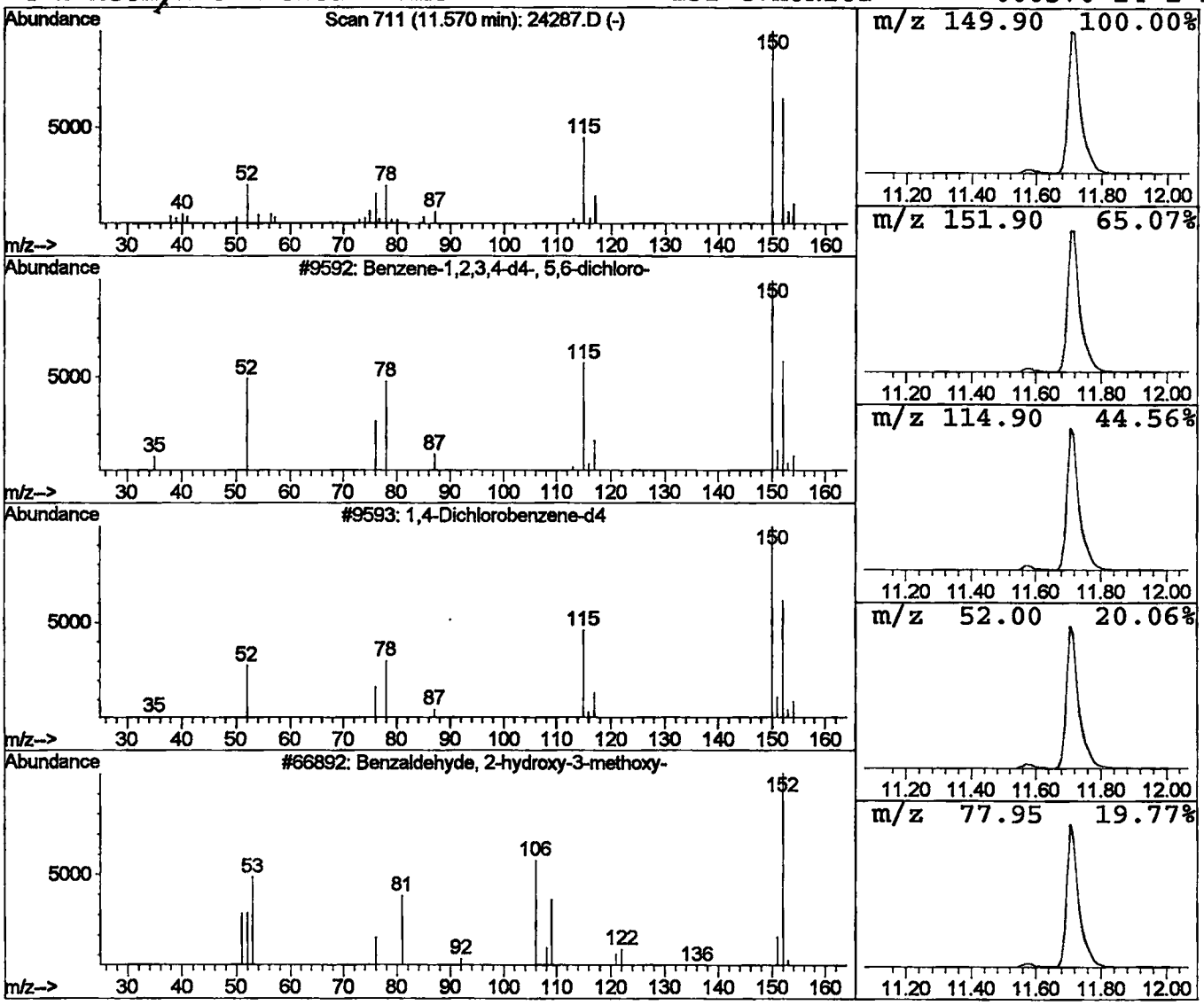
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Benzene-1,2,3,4-d4-, 5,6-dichl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.52 ug/l	71089	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	53
2	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	50
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	35
4	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	25



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Oct 2001 10:57 pm
Data File: C:\HPCHEM\1\DATA\OCT3101\24287.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	0.7	ug/l	98339	ISTD01	11.71	2721890	20.0
2-Hexanol	6.67	0.5	ug/l	61720	ISTD01	11.71	2721890	20.0
2-Pentanone, 4-hydro	7.70	1.2	ug/l	165138	ISTD01	11.71	2721890	20.0
Benzene-1,2,3,4-d4-,	11.57	0.5	ug/l	71089	ISTD01	11.71	2721890	20.0

24287.D NP103001.M Fri Nov 02 11:59:55 2001

Comments for Sample AD24287 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 11-07-2001 Time: 15:54:39

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. However, 1,2-Dichlorobenzene-d4 is present at 0.27 ug/L, probably due to laboratory contamination since it is a Surrogate Standard used in GCMS methods.