

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/29/2001 Time: 11:50:42

Sample: AD24133
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/29/01 11:49 Ended: 10/29/01 11:49 Analyst: MG
 Page: 1

	Component Name	Qty	Result
1	Other unknown compounds		see comment

Comments for Sample AD24133 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-29-2001 Time: 11:50:47

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\24133.D

Vial: 14

Acq On : 26 Oct 2001 1:24 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 26 10:00 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	682609	20.00	ug/l	-0.02
19) Naphthalene-d8	15.35	136	2817210	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.64	164	1380876	20.00	ug/l	0.00
49) Phenanthrene-d10	25.06	188	2013529	20.00	ug/l	0.00
59) Chrysene-d12	33.10	240	1077570	20.00	ug/l	0.00
68) Perylene-d12	37.21	264	695451	20.00	ug/l	0.01

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	11.73	132	335	0.00	ug/l	0.47
Spiked Amount	75.000		Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.26	152	7577	0.16	ug/l	-0.02
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	2907	0.02	ug/l	0.12
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

24133.D NP101901.M Fri Oct 26 10:01:49 2001

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\24133.D Vial: 14
 Acq On : 26 Oct 2001 1:24 am Operator: 209 GALOS
 Sample : gc/ms unknown Inst : GC/MS 209
 Misc : Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Oct 26 10:00 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	20.93	165	177	N.D.		
45) Diethylphthalate	22.14	149	347	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	25.06	178	668	N.D.		
56) Anthracene	25.06	178	668	N.D.		
57) Di-n-butylphthalate	27.05	149	3654	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	2885	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.37	149	3893	N.D.		
67) Chrysene	33.10	228	2885	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

24133.D NP101901.M Fri Oct 26 10:01:55 2001

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\24133.D Vial: 14
Acq On : 26 Oct 2001 1:24 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 26 10:00 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	2601	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
24133.D NP101901.M Fri Oct 26 10:01:56 2001

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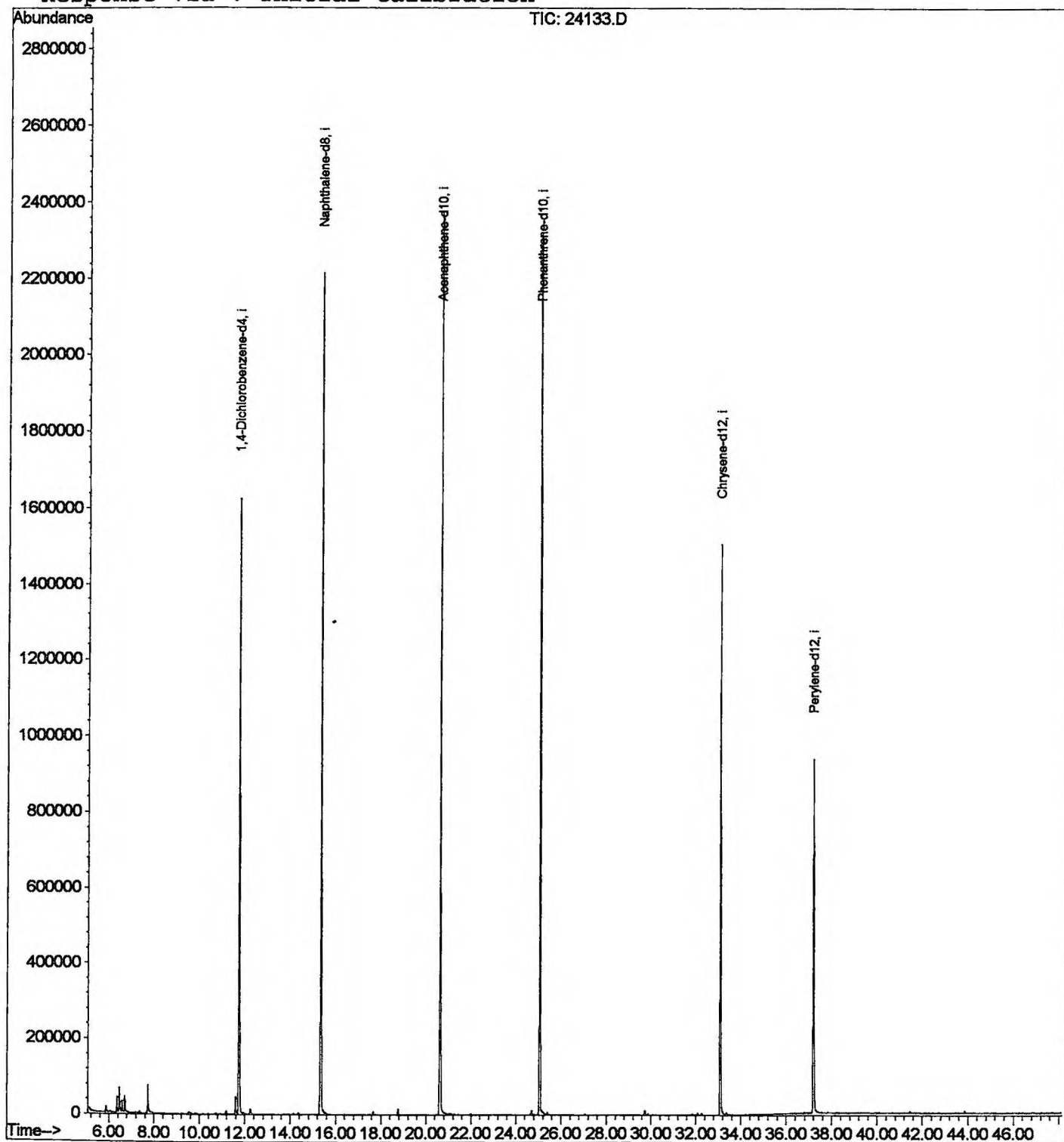
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24133.D
Acq On : 26 Oct 2001 1:24 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 26 10:00 2001

Vial: 14
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\24133.D

Acq On : 26 Oct 2001 1:24 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 14

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	6.362	140	144	151	rBV	41847	79220	1.44%	0.301%
2	6.463	151	155	166	rVV	65277	151147	2.75%	0.574%
3	6.601	166	170	176	rVV	29412	63204	1.15%	0.240%
4	6.711	178	182	189	rVB	41616	83759	1.52%	0.318%
5	7.730	289	293	304	rBV	75214	175579	3.19%	0.667%
6	11.595	710	714	724	rBV	44434	97195	1.77%	0.369%
7	11.732	724	729	743	rBV	1624068	3687124	67.07%	14.013%
8	15.350	1116	1123	1139	rBV	2215970	5182251	94.26%	19.695%
9	20.637	1691	1699	1719	rBV	2378645	5497564	100.00%	20.894%
10	25.062	2173	2181	2192	rBV	2323247	5149282	93.66%	19.570%
11	33.095	3049	3056	3070	rBV2	1506141	3507957	63.81%	13.332%
12	37.208	3493	3504	3519	rBV2	934657	2637684	47.98%	10.025%

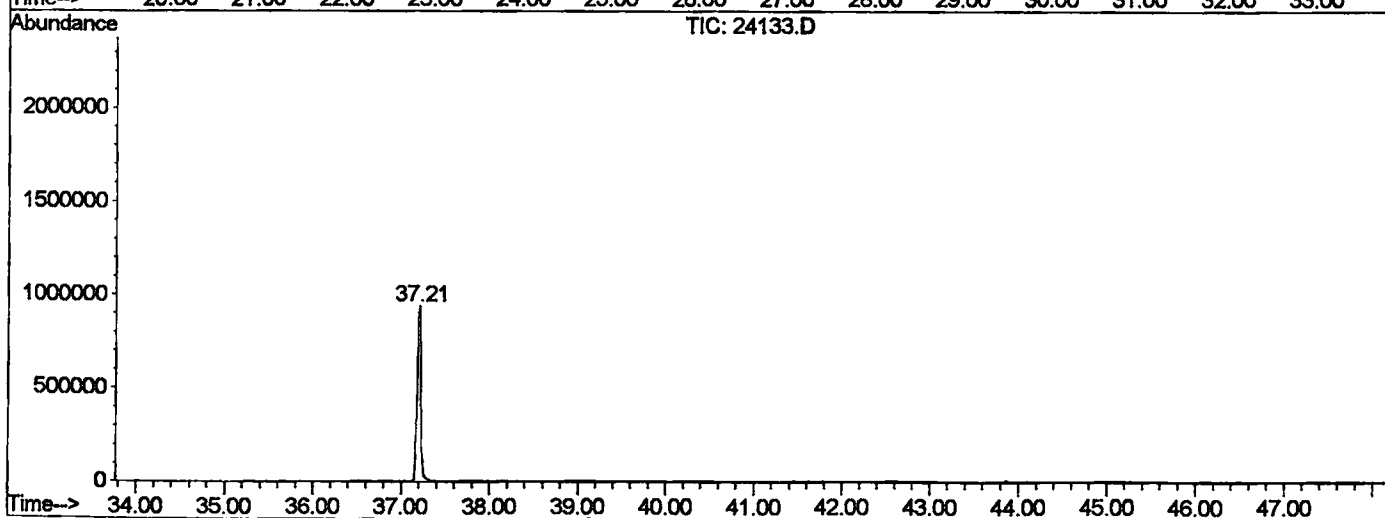
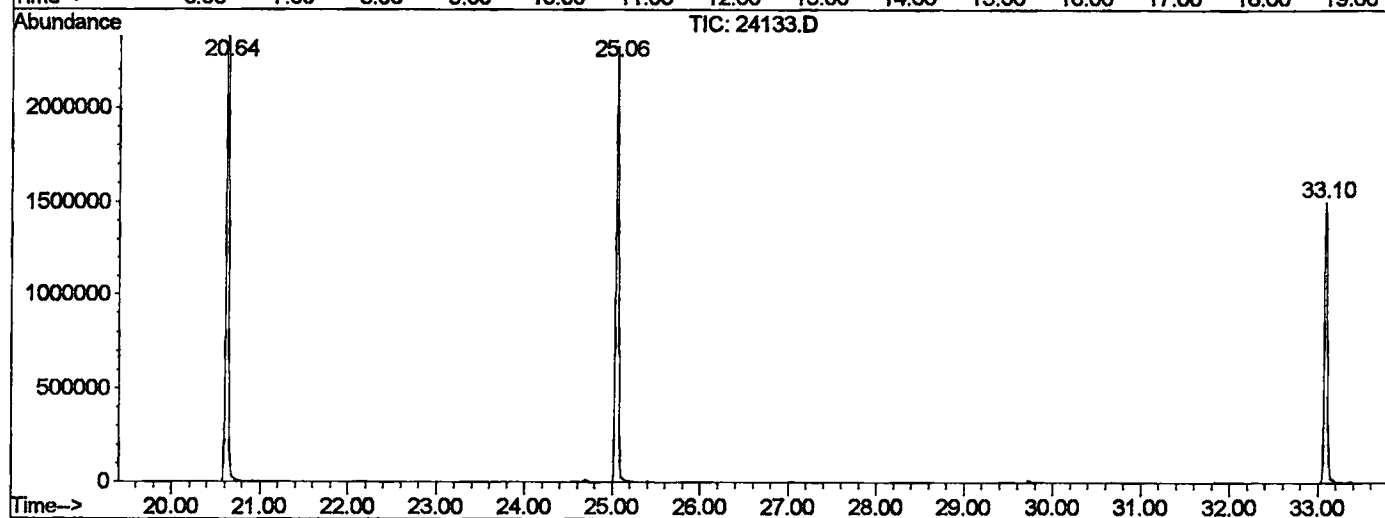
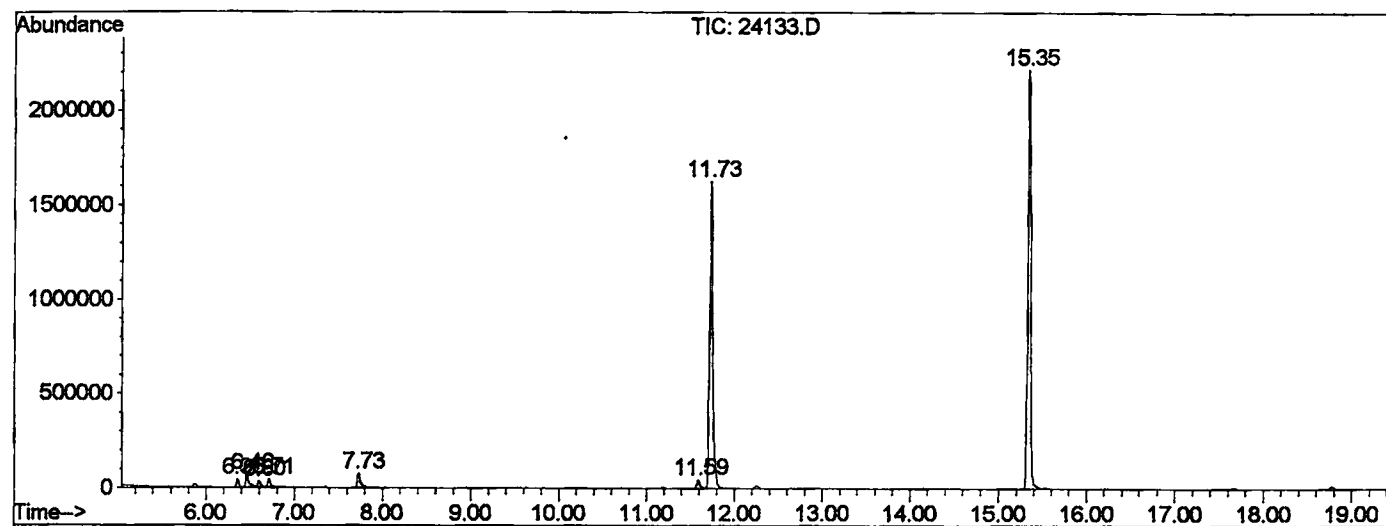
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24133.D NP101901.M

Fri Oct 26 10:35:04 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT2501\24133.D
 Operator : 209 GALOS
 Acquired : 26 Oct 2001 1:24 am using AcqMethod NP101901
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 14
 Quant File :NP101901.RES (RTE Integrator)



24133.D NP101901.M Fri Oct 26 10:35:08 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24133.D
 Acq On : 26 Oct 2001 1:24 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

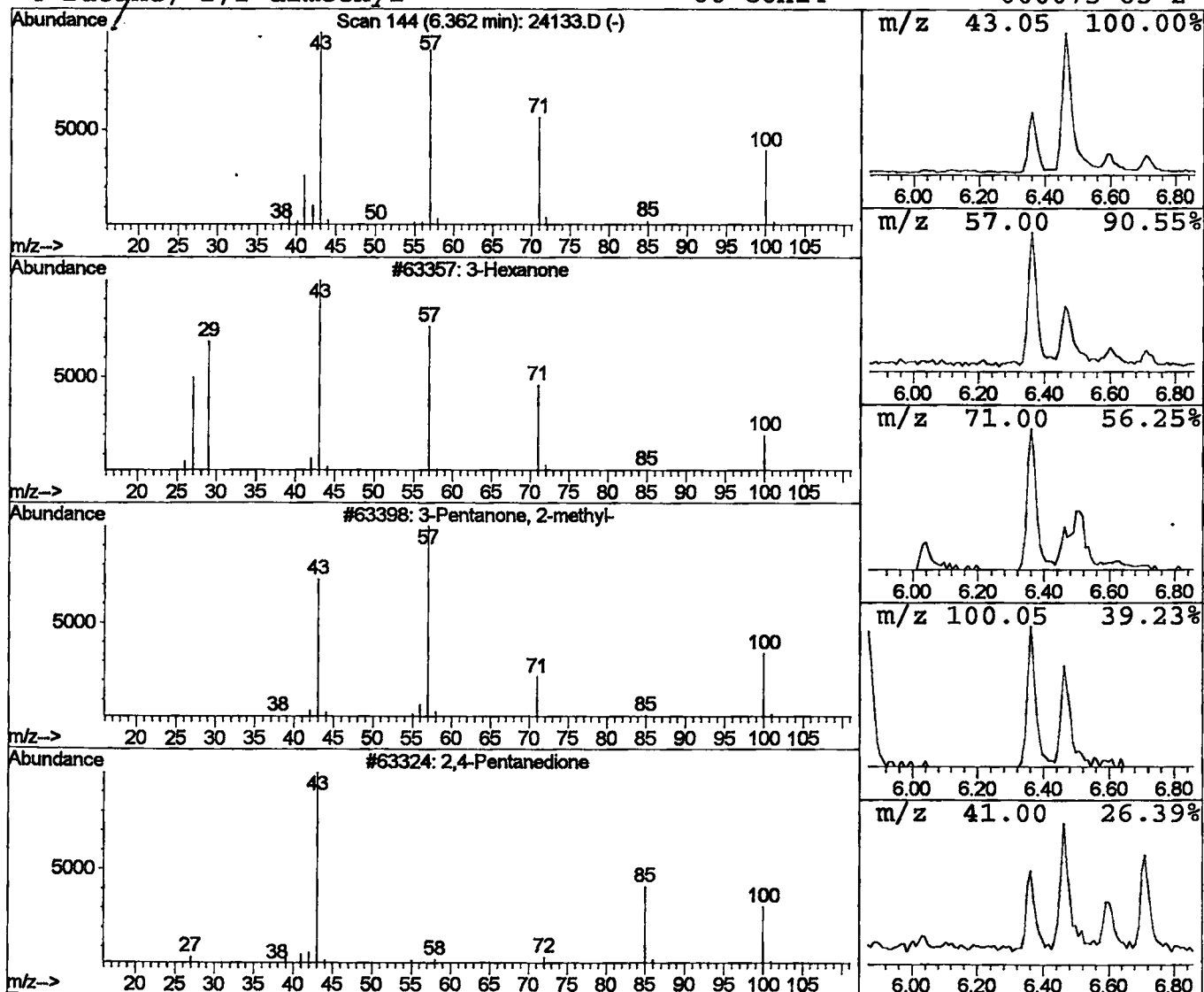
Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	0.43 ug/l	79220	1,4-Dichlorobenzene-d4	11.73

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	72
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	53
3	2,4-Pentanedione	100	C5H8O2	000123-54-6	46
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24133.D
 Acq On : 26 Oct 2001 1:24 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

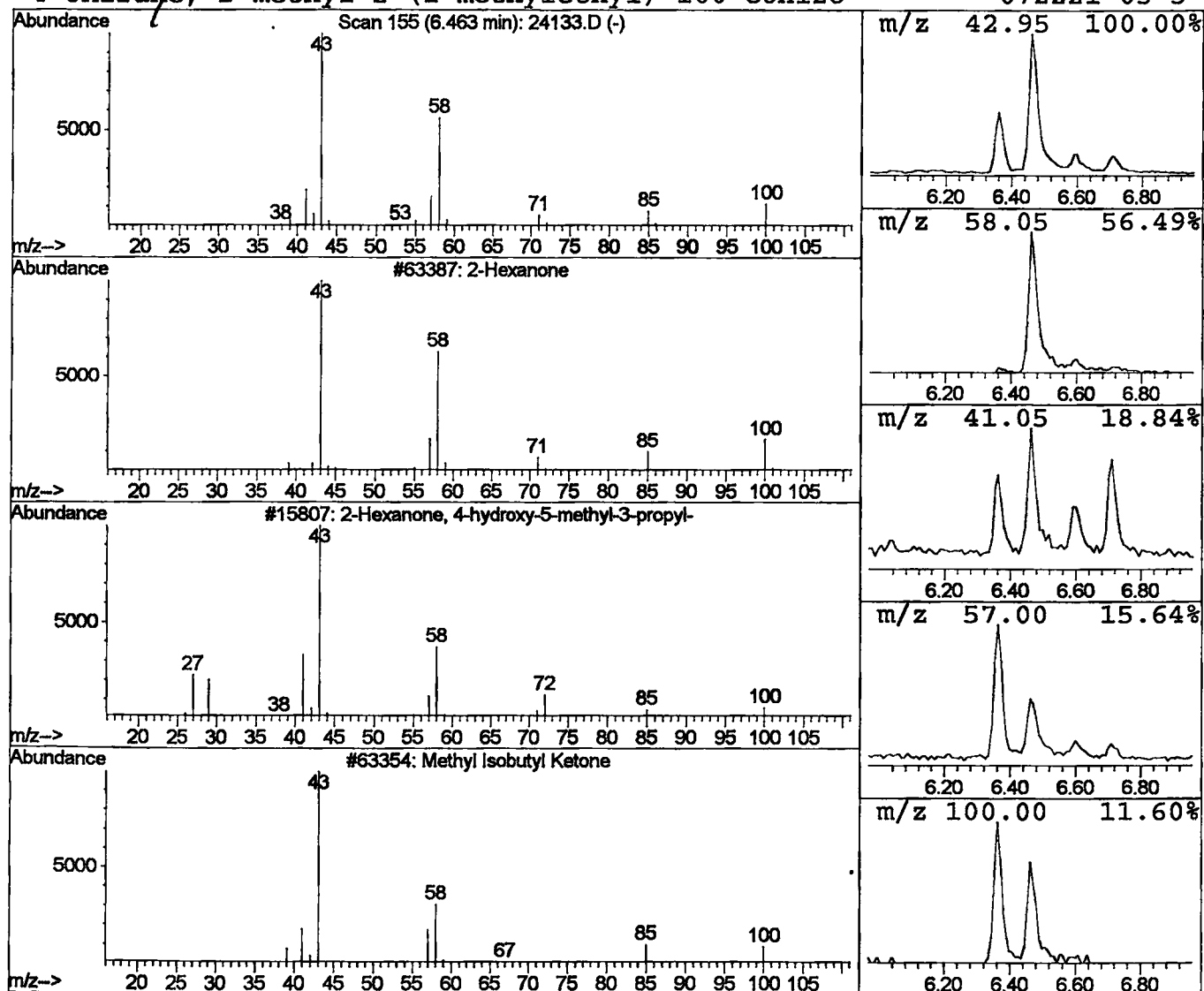
Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	0.82 ug/l	151147	1,4-Dichlorobenzene-d4	11.73

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hexanone	100	C6H12O	000591-78-6	91
2		2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	59
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\OCT2501\24133.D
 Acq On : 26 Oct 2001 1:24 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

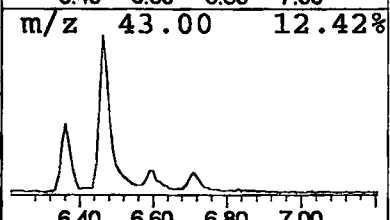
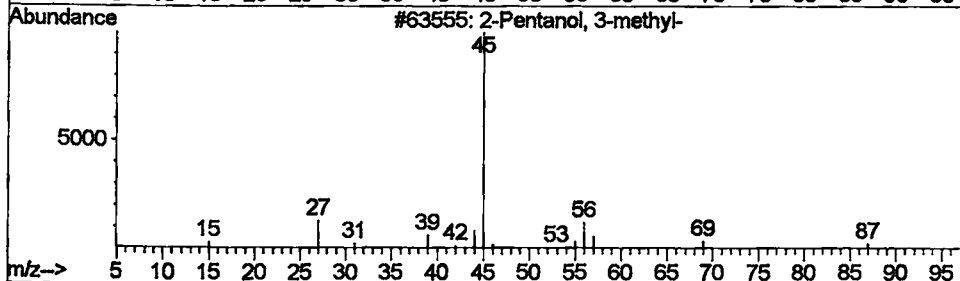
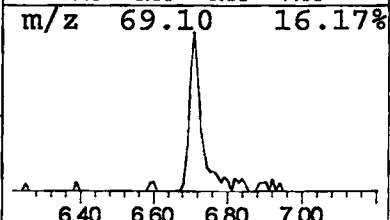
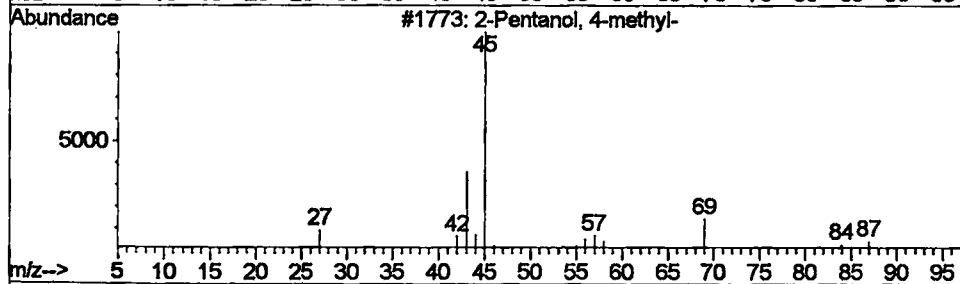
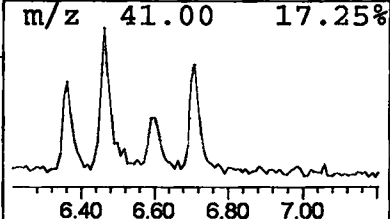
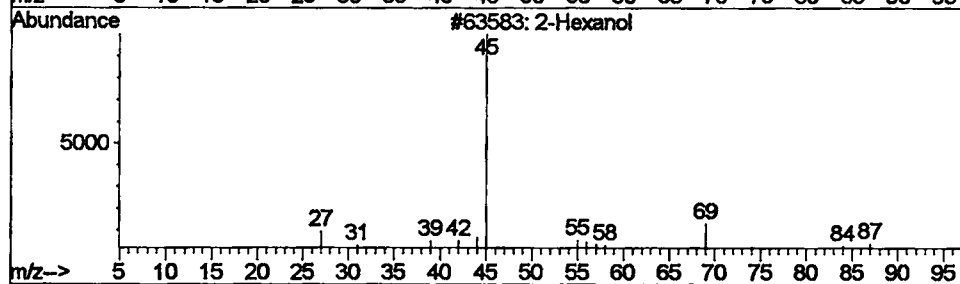
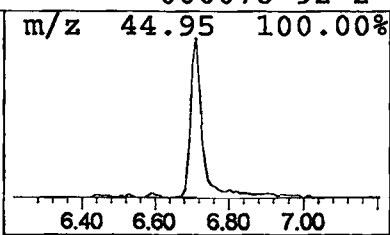
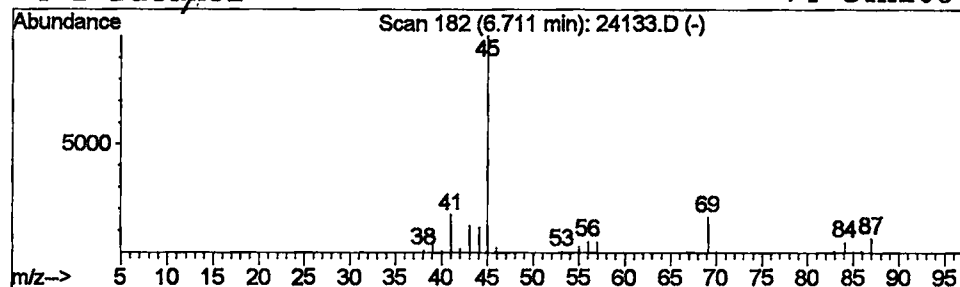
Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	0.45 ug/l	83759	1,4-Dichlorobenzene-d4	11.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanol	102	C6H14O	000626-93-7	83
2		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3		2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	39
4		2-Butanol	74	C4H10O	000078-92-2	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24133.D
Acq On : 26 Oct 2001 1:24 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

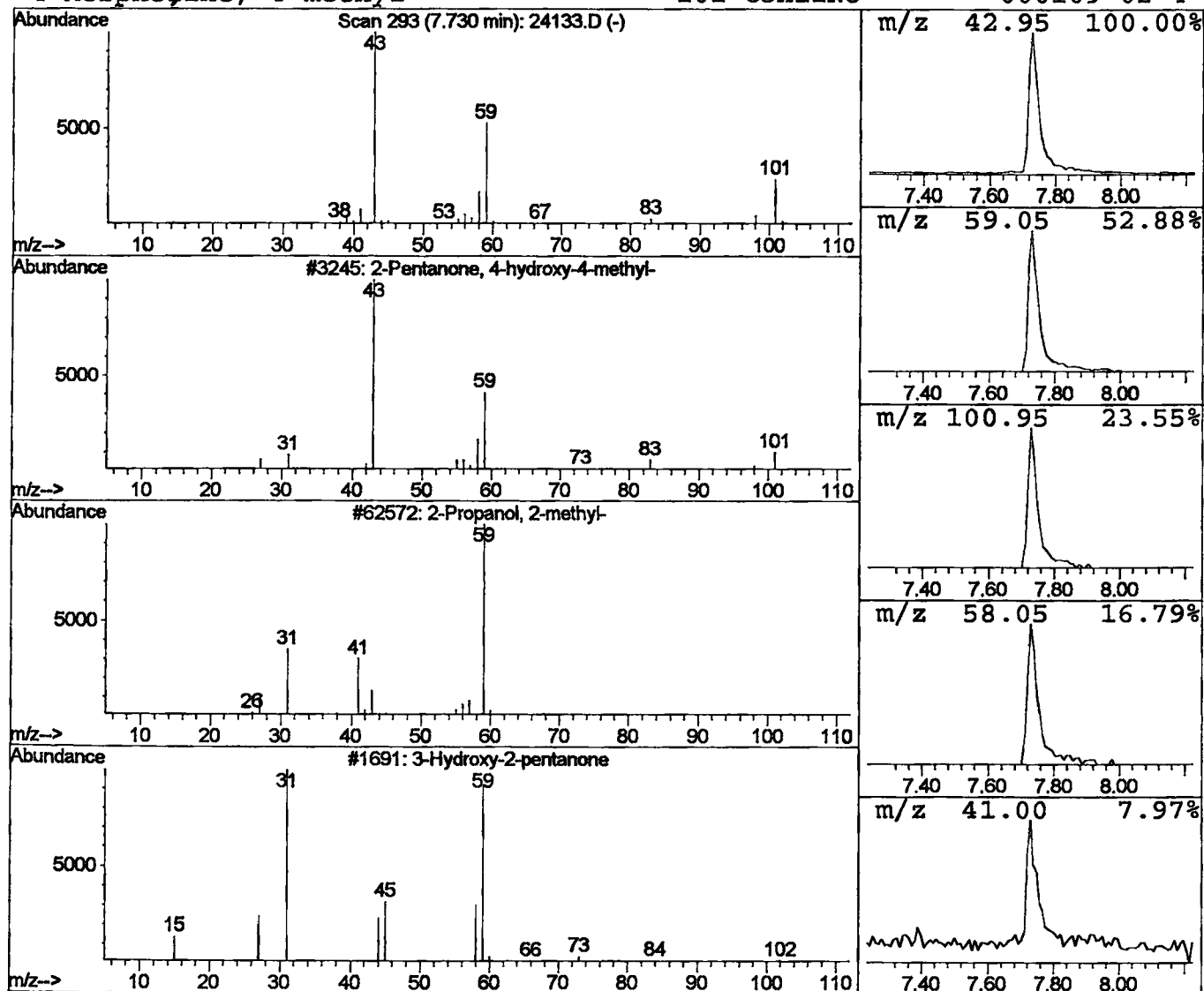
Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 2-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.95 ug/l	175579	1,4-Dichlorobenzene-d4	11.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17	
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24133.D
 Acq On : 26 Oct 2001 1:24 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

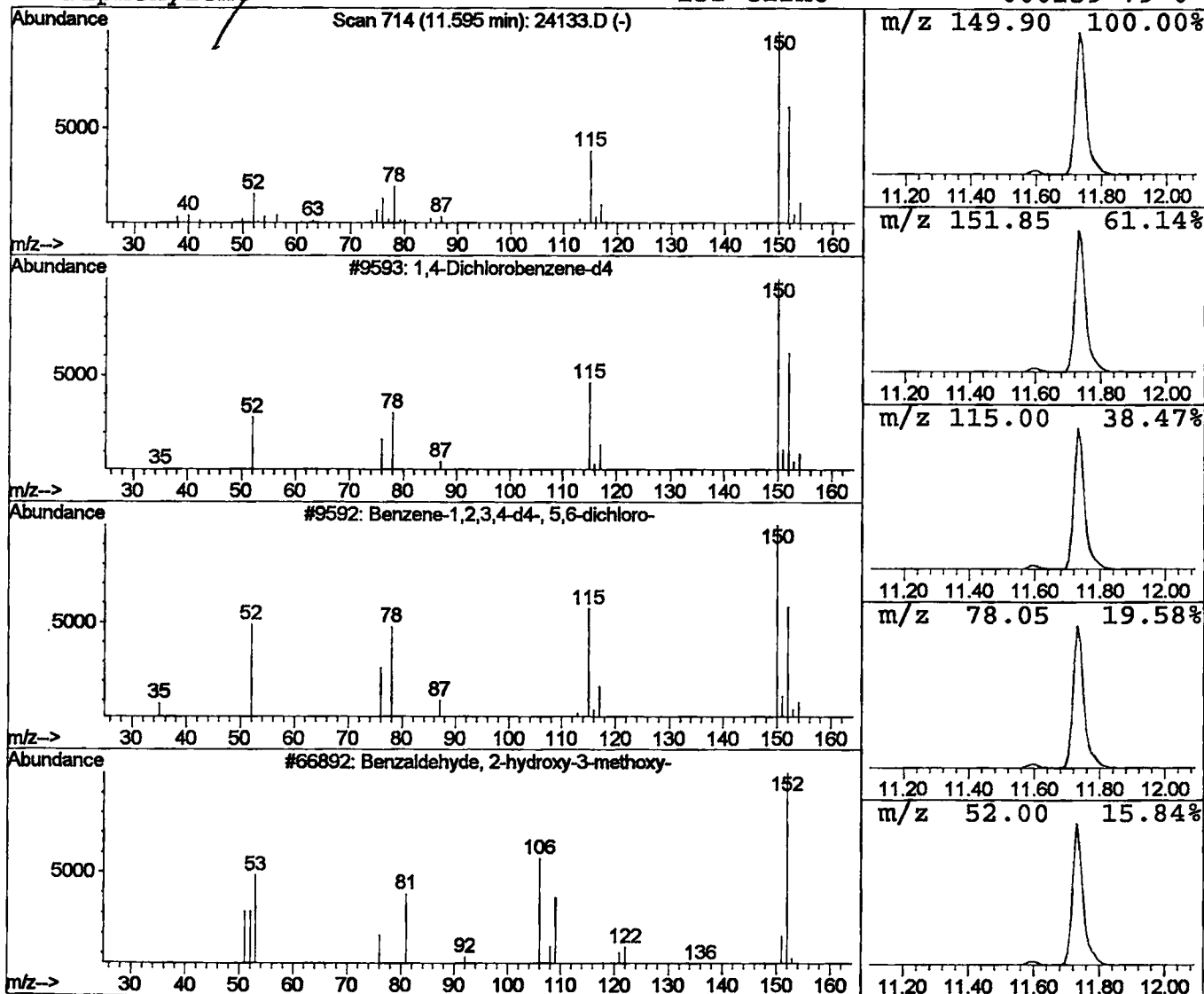
Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 5 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	0.53 ug/l	97195	1,4-Dichlorobenzene-d4	11.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	28
3		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4		Biphenylene	152	C12H8	000259-79-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 26 Oct 2001 1:24 am
Data File: C:\HPCHEM\1\DATA\OCT2501\24133.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
3-Hexanone	6.36	0.4	ug/l	79220	ISTD01	11.73	3687120	20.0
2-Hexanone	6.46	0.8	ug/l	151147	ISTD01	11.73	3687120	20.0
2-Hexanol	6.71	0.5	ug/l	83759	ISTD01	11.73	3687120	20.0
2-Pentanone, 4-hydro	7.73	1.0	ug/l	175579	ISTD01	11.73	3687120	20.0
1,4-Dichlorobenzene-	11.59	0.5	ug/l	97195	ISTD01	11.73	3687120	20.0

24133.D NP101901.M Fri Oct 26 10:35:54 2001