

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/29/2001 Time: 11:47:58

Sample: AD24051
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/29/01 11:47 Ended: 10/29/01 11:47 Analyst: MG
 Page: 1

	Component Name	Via	Result
1	Other unknown compounds		see comment

Comments for Sample AD24051 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-29-2001 Time: 11:48:03

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\24051.D
 Acq On : 25 Oct 2001 11:26 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 26 9:47 2001

Vial: 12
 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 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	735587	20.00	ug/l	-0.03
19) Naphthalene-d8	15.35	136	3063509	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.64	164	1507531	20.00	ug/l	0.00
49) Phenanthrene-d10	25.06	188	2213473	20.00	ug/l	0.00
59) Chrysene-d12	33.10	240	1208316	20.00	ug/l	0.00
68) Perylene-d12	37.21	264	793194	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	469	0.01	ug/l	0.47
Spiked Amount 75.000			Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.25	152	8161	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	18.78	172	3318	0.02	ug/l	0.13
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

24051.D NP101901.M Fri Oct 26 09:47:48 2001

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Quantitation Report

(QT Reviewed)

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Acq On : 25 Oct 2001 11:26 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 26 9:47 2001

Vial: 12

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 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	15.39	128	334	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	21.08	65	115	N.D.		
44) 2,4-Dinitrotoluene	20.98	165	230	N.D.		
45) Diethylphthalate	22.14	149	686	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	25.12	178	194	N.D.		
56) Anthracene	25.12	178	194	N.D.		
57) Di-n-butylphthalate	27.06	149	9786	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	3463	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\24051.D

Vial: 12

Acq On : 25 Oct 2001 11:26 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 9:47 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	37.22	252	3350	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
24051.D NP101901.M Fri Oct 26 09:47:55 2001

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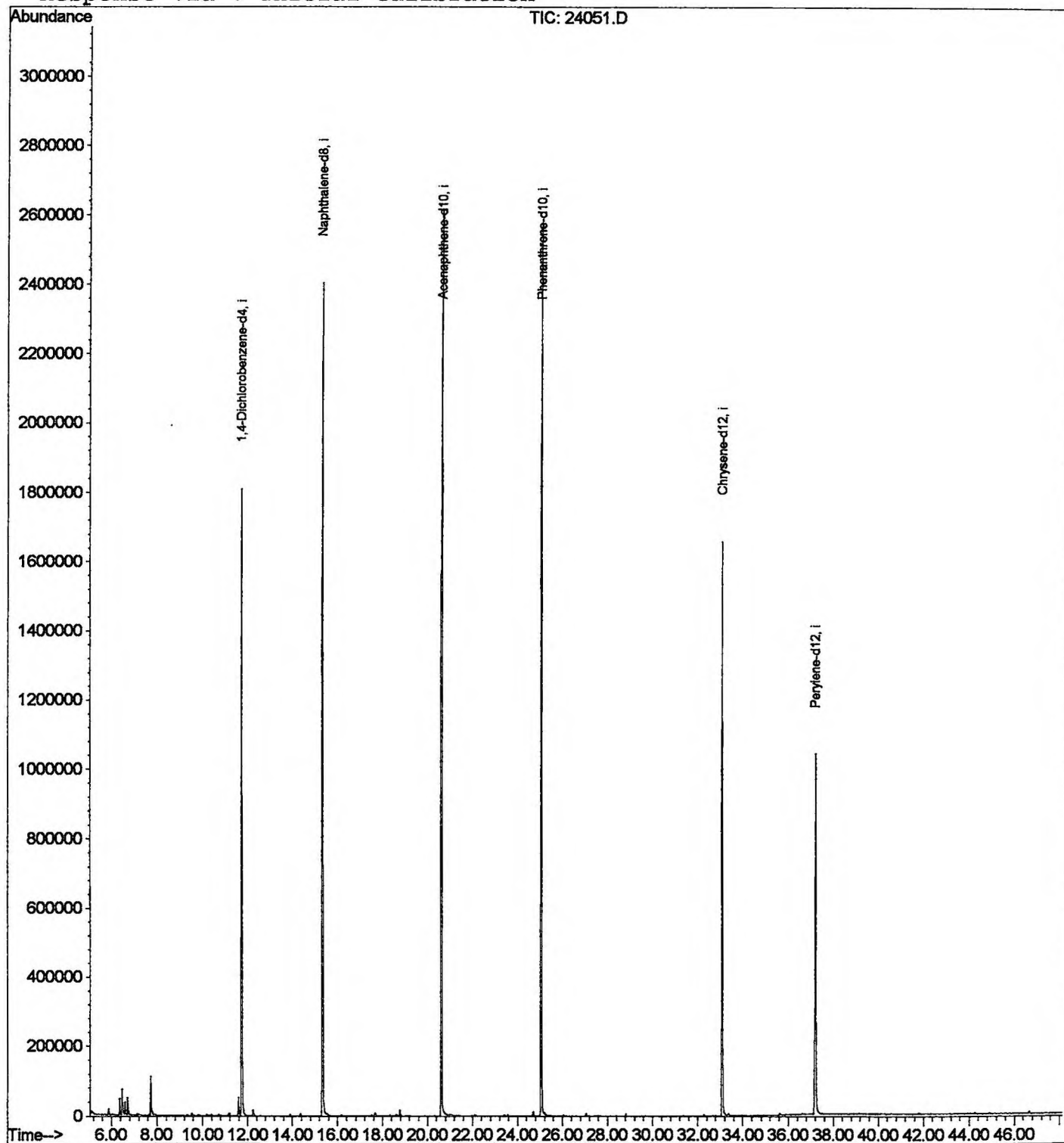
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24051.D
Acq On : 25 Oct 2001 11:26 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 26 9:47 2001

Vial: 12
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 7/16/01
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24051.D

Acq On : 25 Oct 2001 11:26 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 12

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

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1 % of largest Peak

Max Peaks: 100

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	6.360	138	143	149	rBV	48455	98181	1.63%	0.337%
2	6.470	150	155	165	rVV	74187	183111	3.05%	0.629%
3	6.599	165	169	176	rVV	37835	76088	1.27%	0.261%
4	6.709	178	181	190	rVB	49060	99807	1.66%	0.343%
5	7.728	288	292	306	rBV	110715	255355	4.25%	0.877%
6	11.593	707	713	723	rBV	52352	112872	1.88%	0.388%
7	11.731	723	728	746	rVB	1809934	3991176	66.46%	13.704%
8	15.348	1114	1122	1137	rBV	2404141	5638189	93.89%	19.359%
9	20.635	1689	1698	1714	rBV	2617454	6005409	100.00%	20.619%
10	25.060	2172	2180	2192	rBV2	2579194	5713434	95.14%	19.617%
11	33.102	3048	3056	3070	rBV2	1661247	3948763	65.75%	13.558%
12	37.206	3494	3503	3517	rBV2	1041596	3002714	50.00%	10.310%

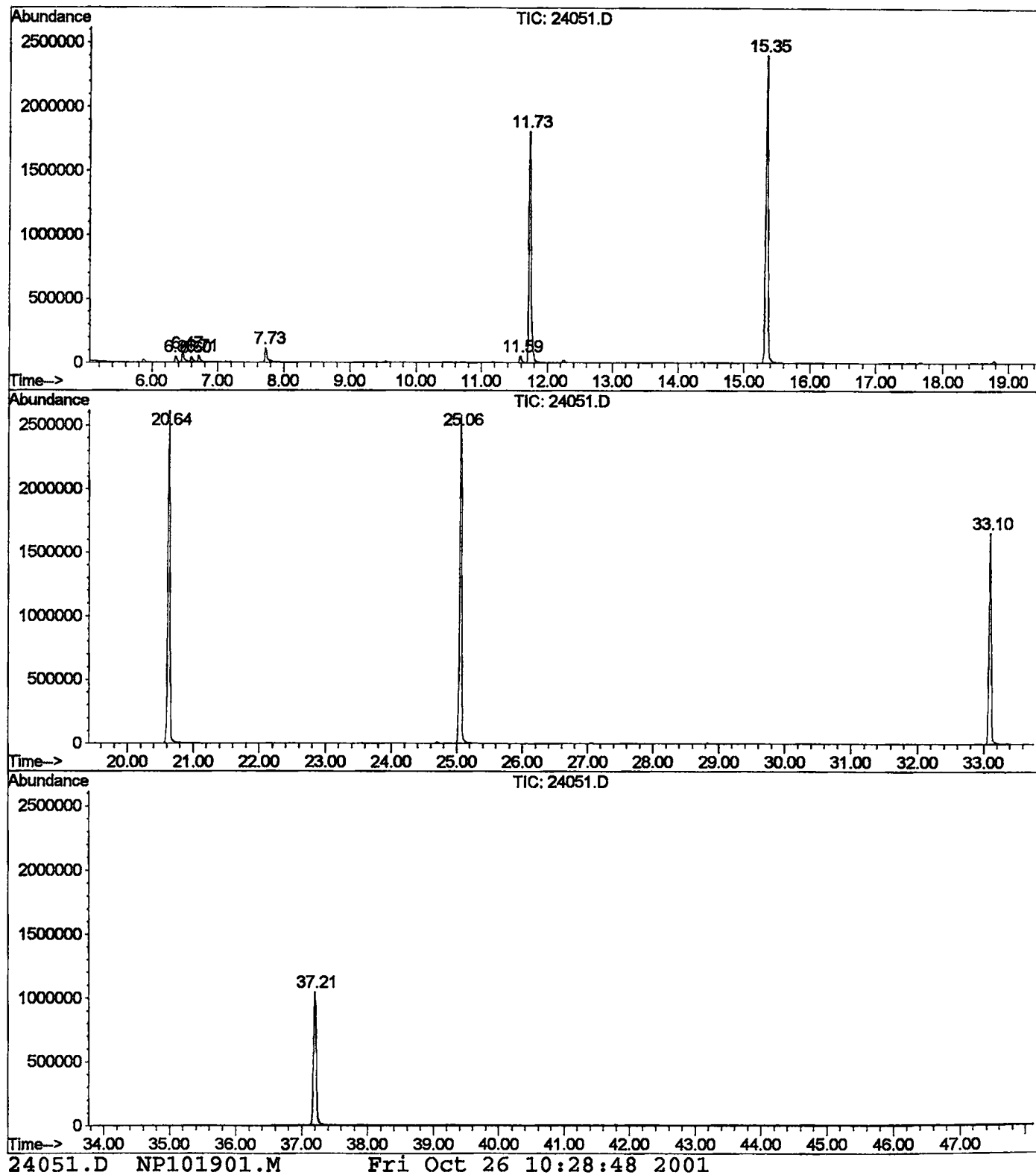
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24051.D NP101901.M

Fri Oct 26 10:28:45 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT2501\24051.D
Operator : 209 GALOS
Acquired : 25 Oct 2001 11:26 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 12
Quant File :NP101901.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24051.D
 Acq On : 25 Oct 2001 11:26 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

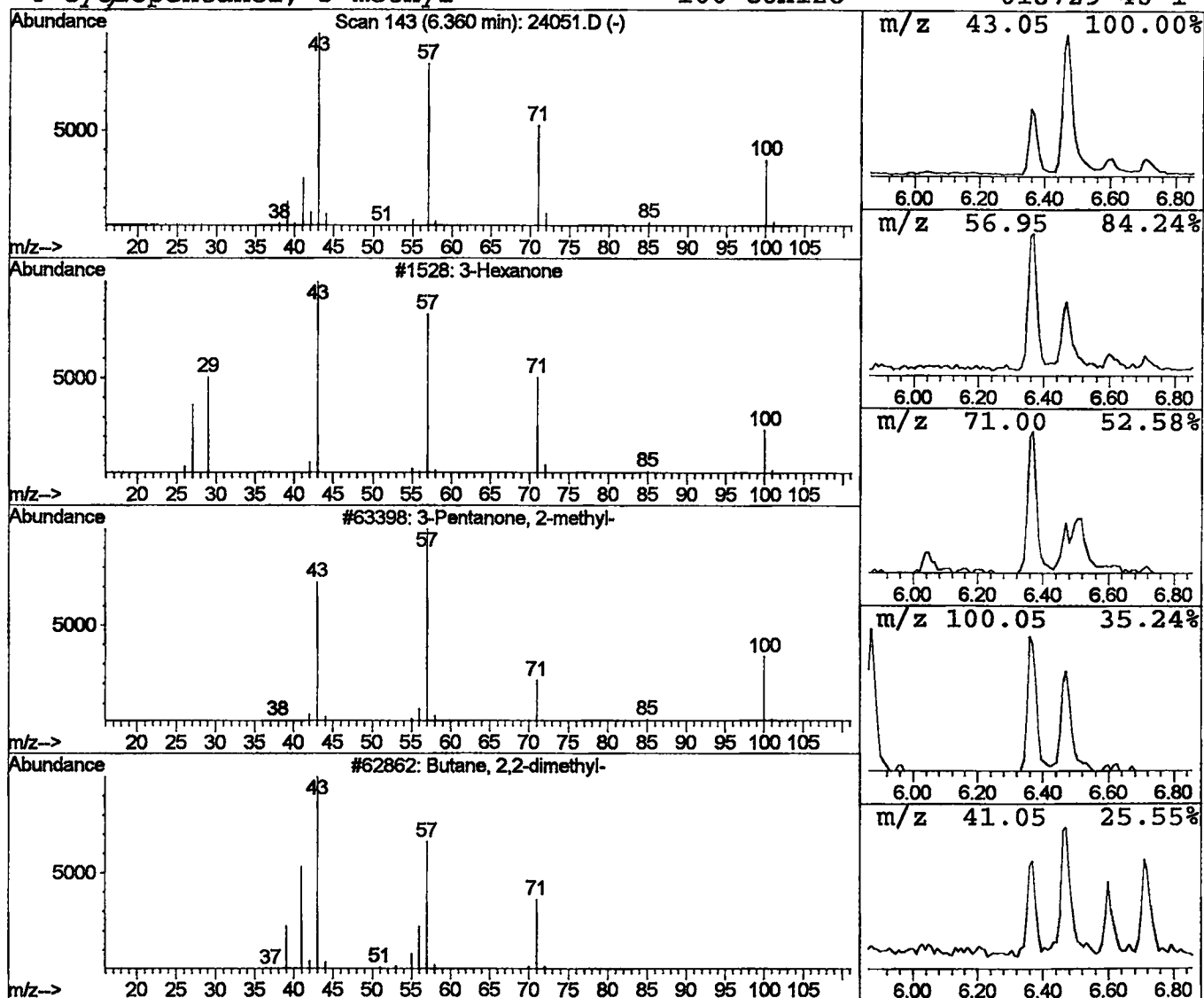
Vial: 12
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.49 ug/l	98181	1,4-Dichlorobenzene-d4	11.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone		100	C6H12O	000589-38-8	87
2	3-Pentanone, 2-methyl-		100	C6H12O	000565-69-5	43
3	Butane, 2,2-dimethyl-		86	C6H14	000075-83-2	36
4	Cyclopentanol, 3-methyl-		100	C6H12O	018729-48-1	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24051.D
 Acq On : 25 Oct 2001 11:26 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

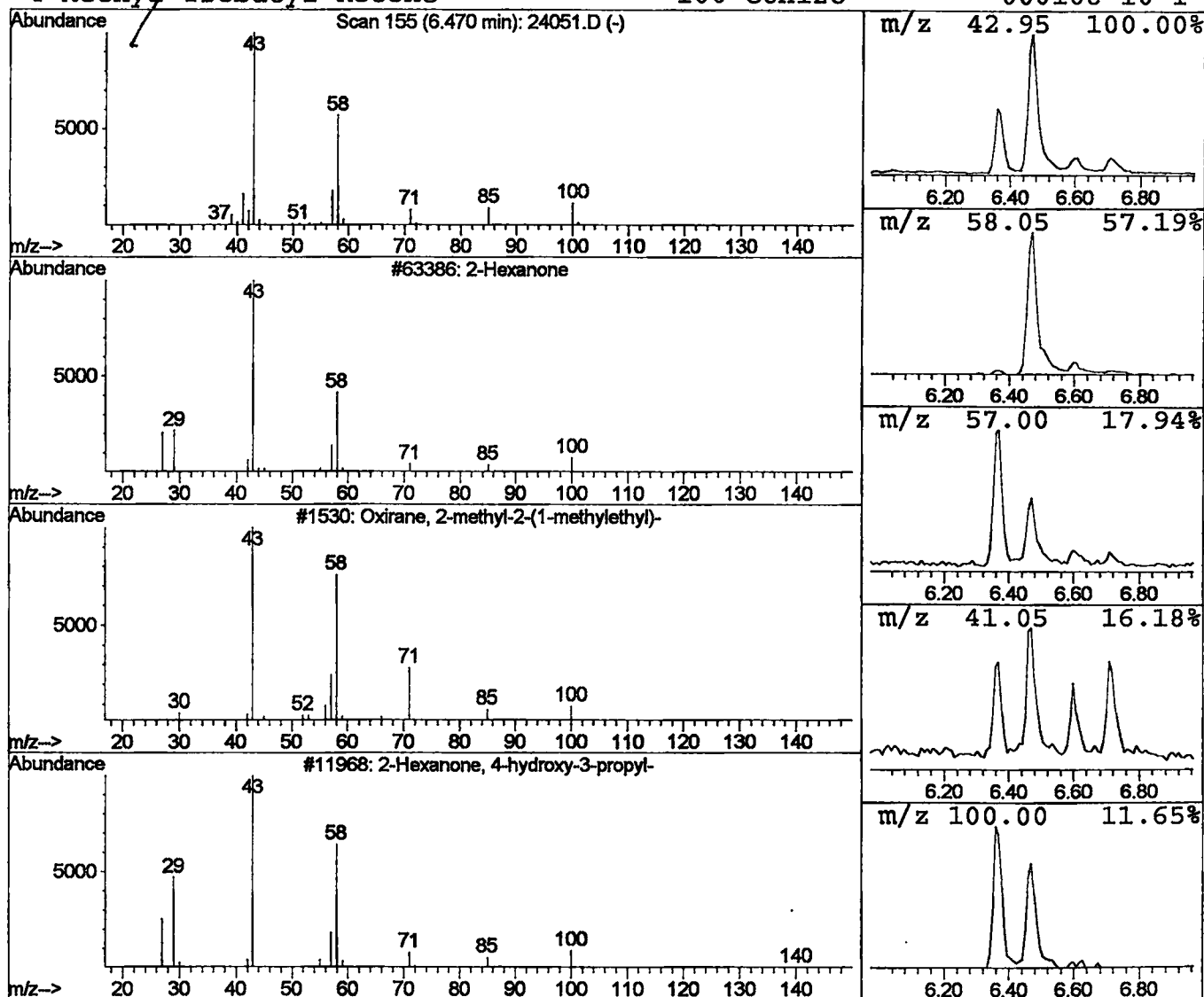
Vial: 12
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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.
6.47	0.92 ug/l	183111	1,4-Dichlorobenzene-d4	11.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanone	100	C6H12O	000591-78-6	90
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	74
4		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



Library Search Compound Report

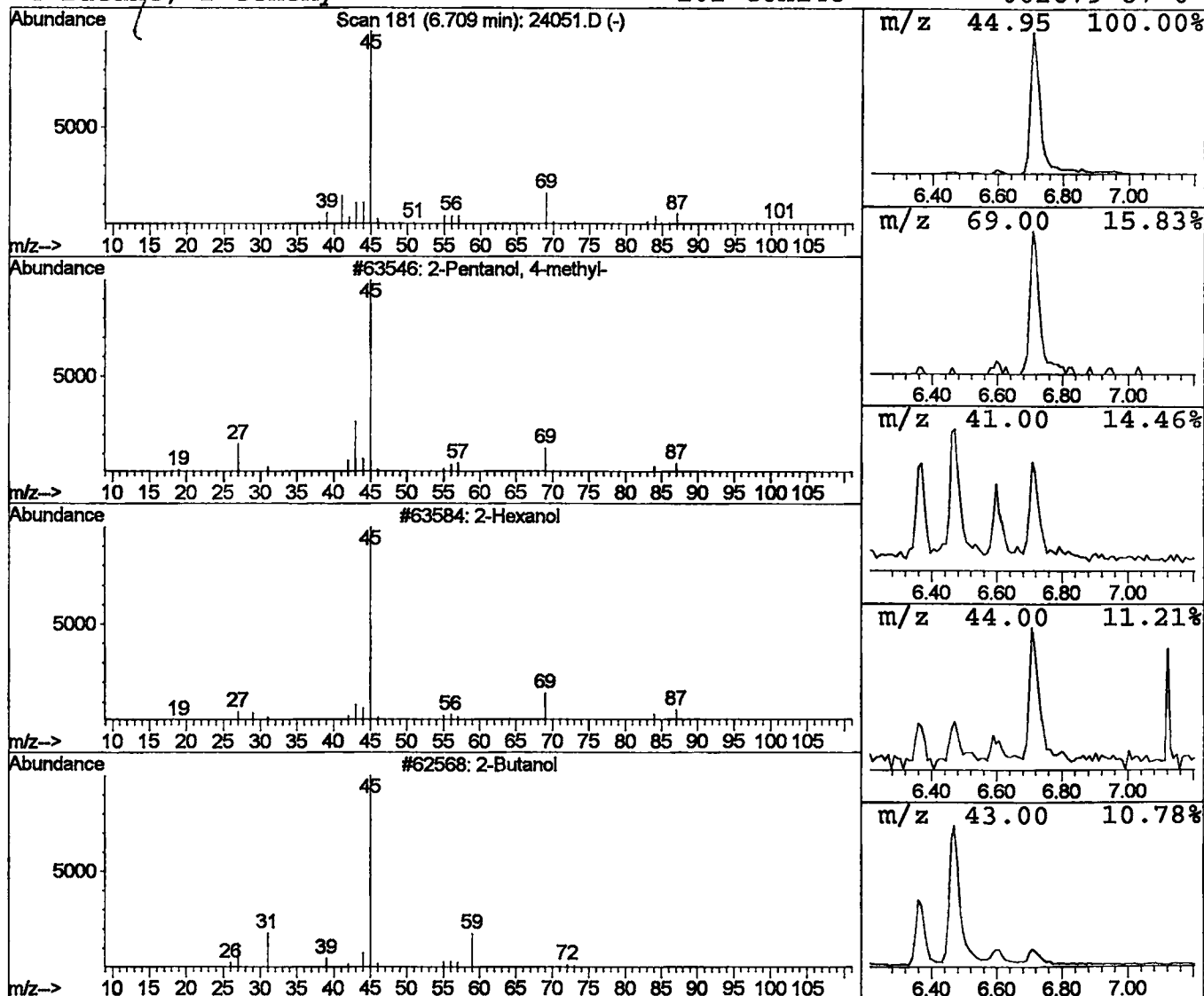
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Acq On : 25 Oct 2001 11:26 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
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-Pentanol, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.71	0.50 ug/l	99807	1,4-Dichlorobenzene-d4	11.73	
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	83
3	2-Butanol	74	C4H10O	000078-92-2	56
4	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	50



Library Search Compound Report

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 Acq On : 25 Oct 2001 11:26 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

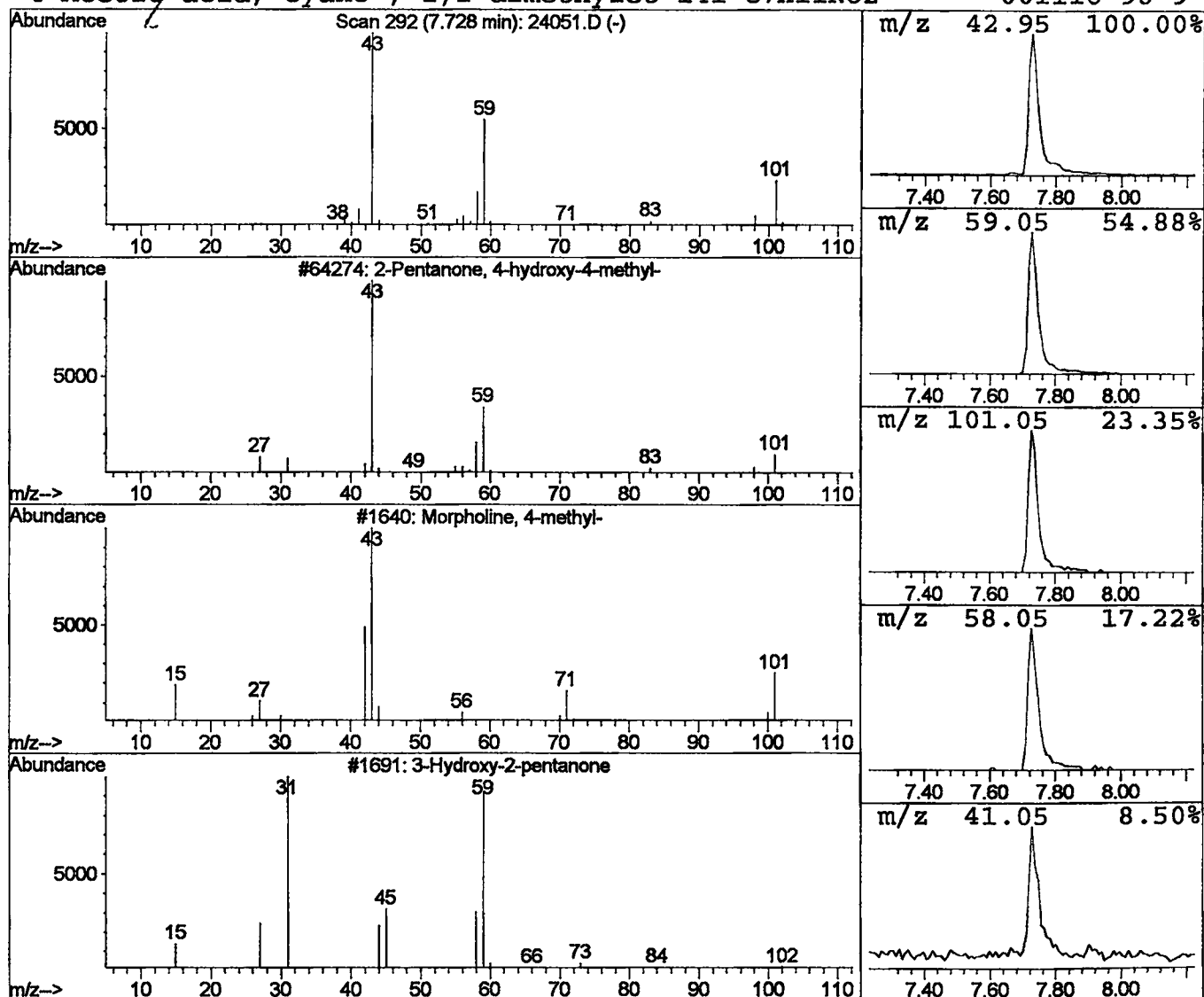
Vial: 12
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	1.28 ug/l	255355	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	47
2			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4			Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24051.D
 Acq On : 25 Oct 2001 11:26 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

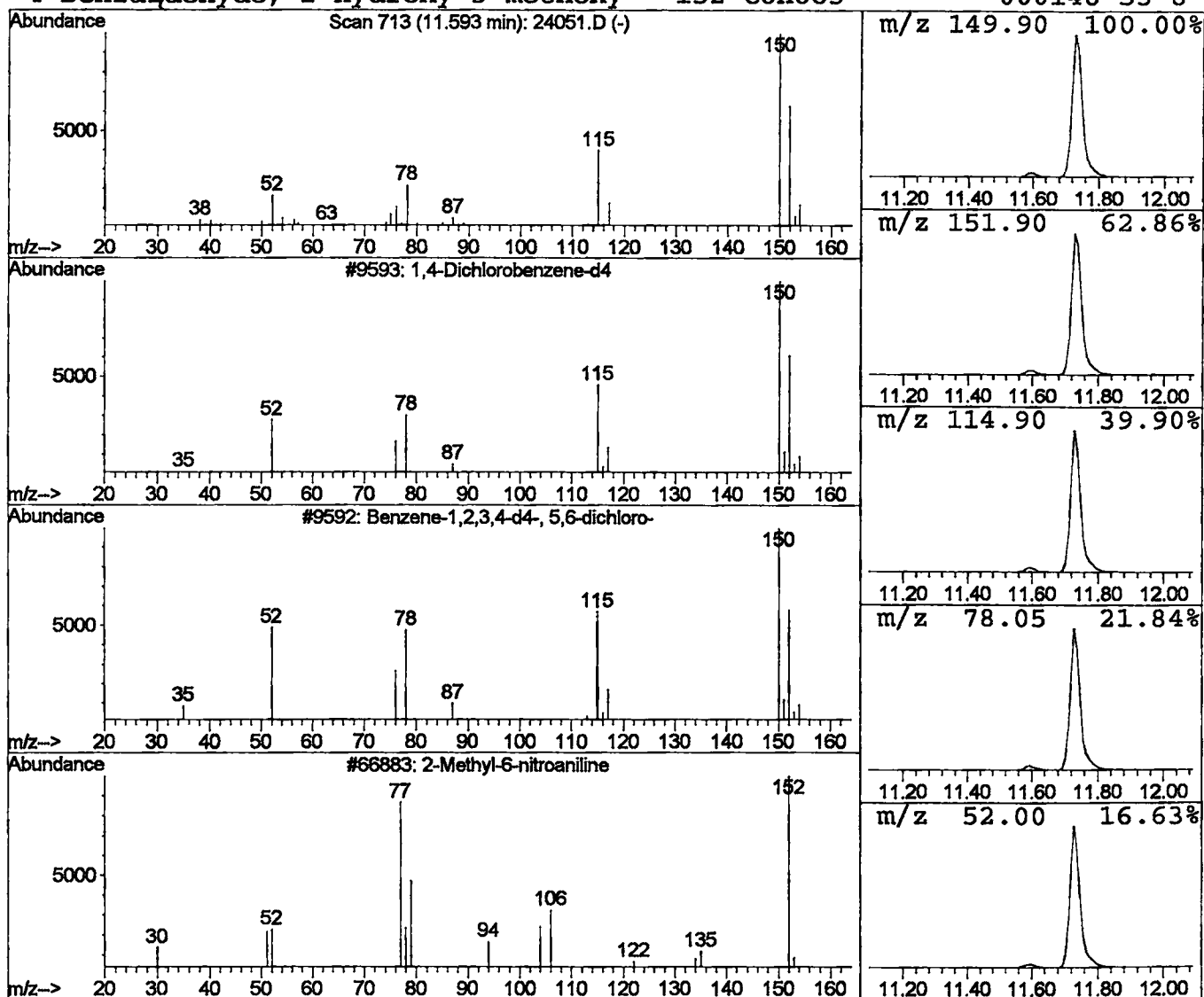
Vial: 12
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.57 ug/l	112872	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	78
2			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	25
3			2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10
4			Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 25 Oct 2001 11:26 pm
Data File: C:\HPCHEM\1\DATA\OCT2501\24051.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	0.5	ug/l	98181	ISTD01	11.73	3991180	20.0
2-Hexanone	6.47	0.9	ug/l	183111	ISTD01	11.73	3991180	20.0
2-Pentanol, 4-methyl	6.71	0.5	ug/l	99807	ISTD01	11.73	3991180	20.0
2-Pentanone, 4-hydro	7.73	1.3	ug/l	255355	ISTD01	11.73	3991180	20.0
1,4-Dichlorobenzene-	11.59	0.6	ug/l	112872	ISTD01	11.73	3991180	20.0

24051.D NP101901.M Fri Oct 26 10:29:34 2001