User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/07/2001 Time: 13:03:36

Sample: AD24334
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/7/01 12:55 Ended: 11/7/01 12:55 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

Comments for Sample AD24334 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-07-2001 Time: 13:03:43

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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D Vial: 10
Acq On : 1 Nov 2001 11:48 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 5 14:29 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	11.72	152	616753	20.00	ug/l	0.00
19) Naphthalene-d8	15.32	136	2434068	20.00	ug/l	0.00
31) Acenaphthene-d10	20.60	164	1168215	20.00	ug/l	0.00
49) Phenanthrene-d10	25.02	188	1753358	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1224452	20.00	ug/l	0.00
68) Perylene-d12	37.15	264	846061	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	11.72	132	407	0.01	ug/l	0.48
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.24	152	7442	0.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	0.64%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.75	172	2514	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	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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D Vial: 10
Acq On : 1 Nov 2001 11:48 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 5 14:29 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	0.00	149	0	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	25.02	178	574	N.D.	
56)	Anthracene	25.02	178	574	N.D.	
57)	Di-n-butylphthalate	27.03	149	1627	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	3117	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	352	N.D.	
67)	Chrysene	33.06	228	3117	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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D Vial: 10
Acq On : 1 Nov 2001 11:48 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 5 14:29 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	3174	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.	

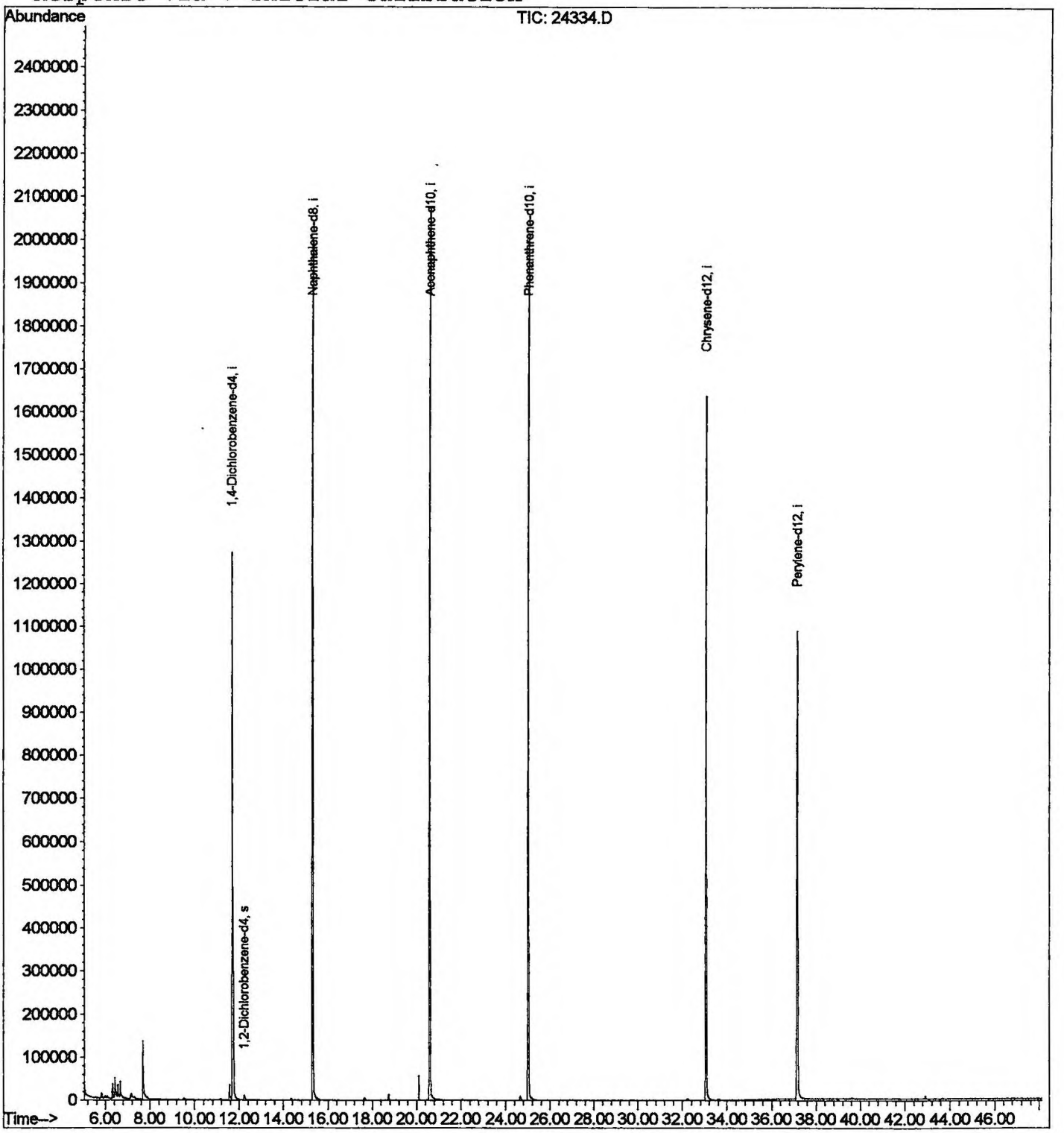
(#) = qualifier out of range (m) = manual integration
24334.D NP103001.M Wed Nov 07 10:36:56 2001 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D
Acq On : 1 Nov 2001 11:48 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 5 14:29 2001

Vial: 10
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 : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D Vial: 10
Acq On : 1 Nov 2001 11:48 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

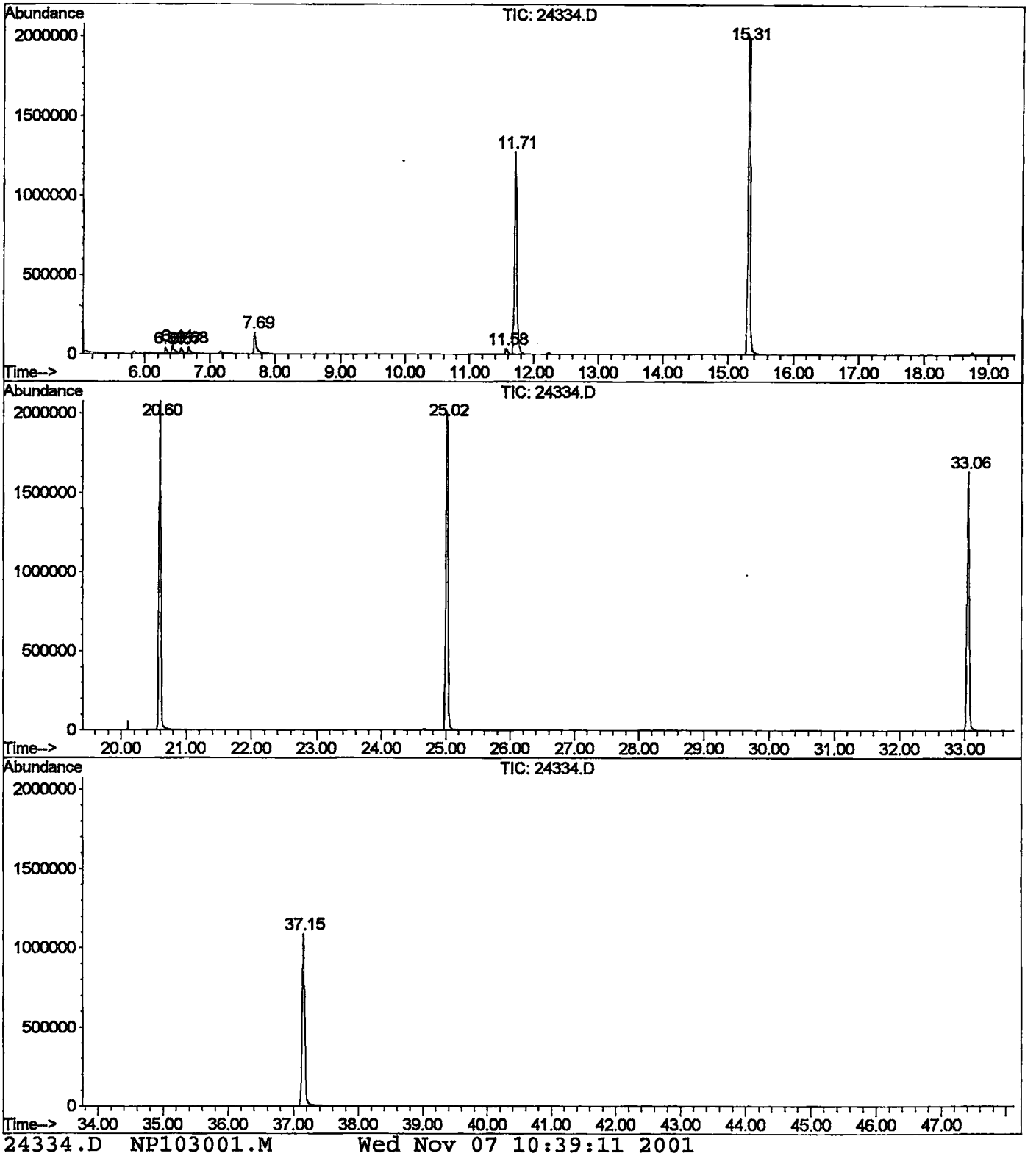
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.327	137	140	146	rBV	34401	67469	1.44%	0.274%
2	6.437	148	152	162	rVV2	49137	140025	3.00%	0.568%
3	6.566	162	166	173	rVV2	31612	75345	1.61%	0.306%
4	6.676	174	178	192	rVB	39052	93900	2.01%	0.381%
5	7.695	285	289	307	rBV	137014	350716	7.51%	1.422%
6	11.578	707	712	721	rBV	35266	86123	1.84%	0.349%
7	11.706	721	726	747	rVV	1272388	3246153	69.51%	13.163%
8	15.314	1113	1119	1137	rBV	2001678	4446654	95.21%	18.031%
9	20.602	1688	1695	1709	rBV	2077630	4670126	100.00%	18.937%
10	25.018	2169	2176	2189	rBV2	2004599	4476629	95.86%	18.152%
11	33.060	3044	3052	3071	rBV2	1637431	3882121	83.13%	15.742%
12	37.154	3489	3498	3517	rBV2	1087660	3126287	66.94%	12.677%

Sum of corrected areas: 24661548

24334.D NP103001.M Wed Nov 07 10:39:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0101\24334.D
Operator : 209 GALOS
Acquired : 1 Nov 2001 11:48 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 10
Quant File :NP101901.RES (RTE Integrator)



24334.D NP103001.M Wed Nov 07 10:39:11 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D
Acq On : 1 Nov 2001 11:48 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

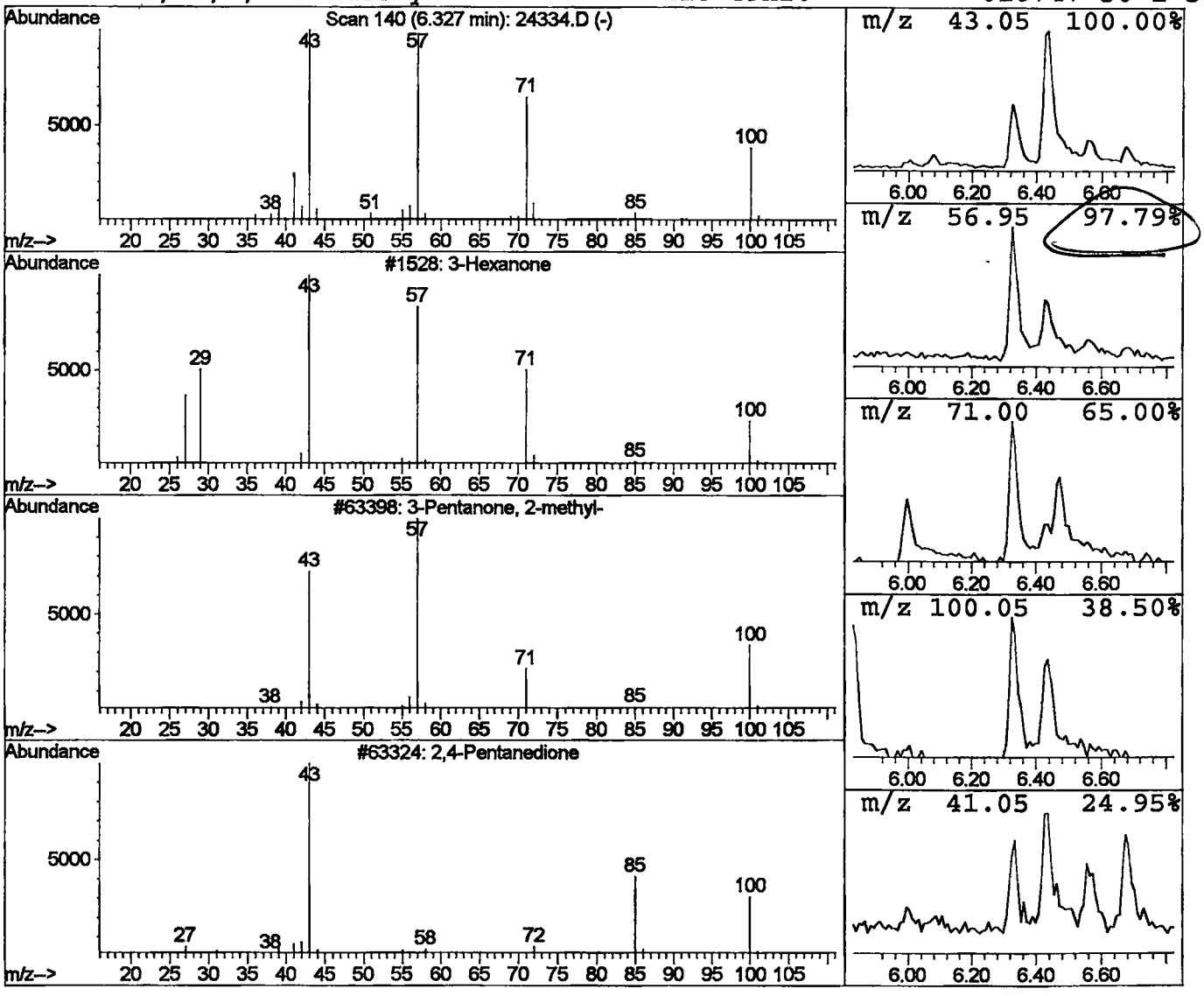
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	0.42 ug/l	67469	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	64
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	53
3	2,4-Pentanedione	100	C5H8O2	000123-54-6	43
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D
Acq On : 1 Nov 2001 11:48 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

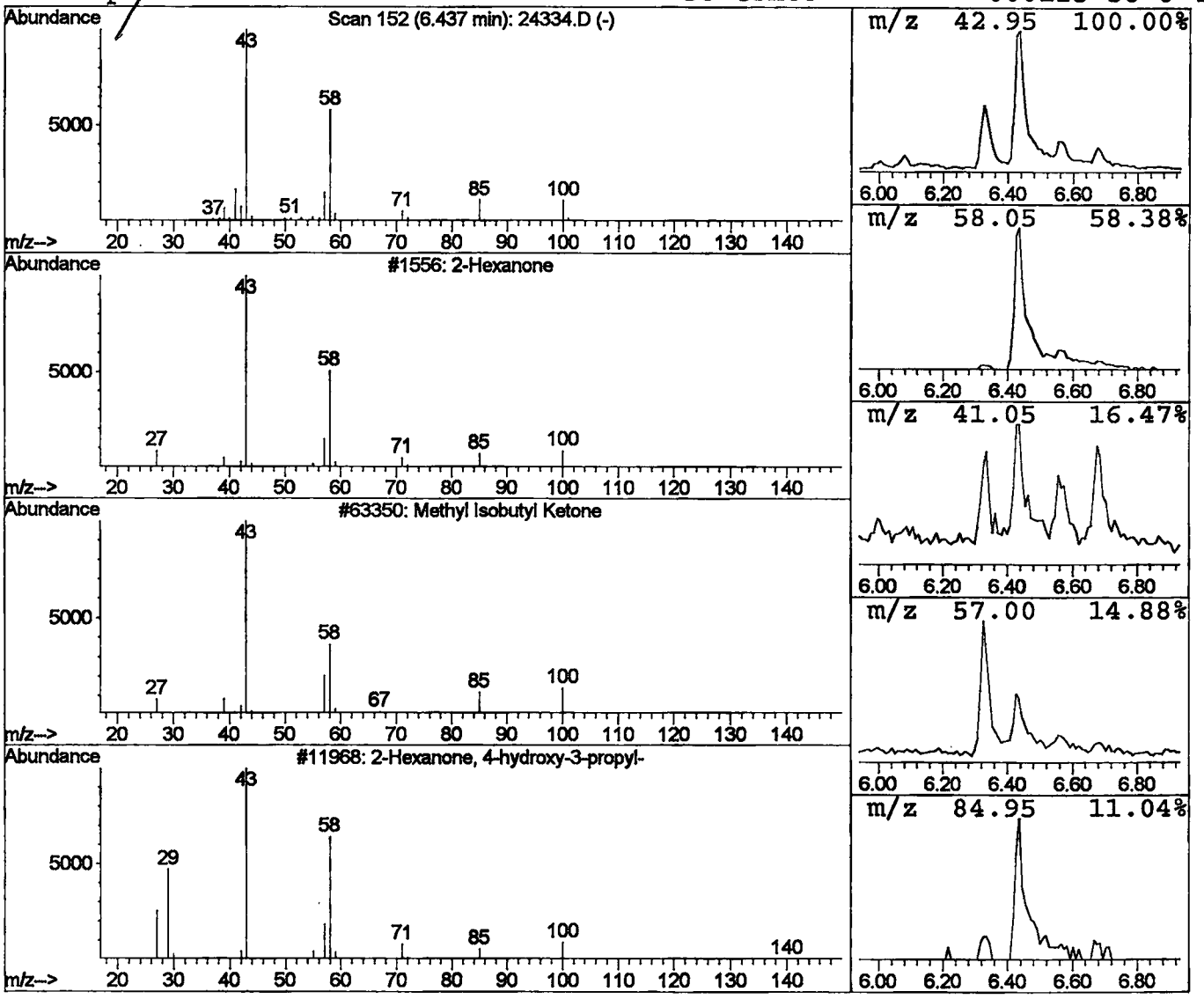
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	0.86 ug/l	140025	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	56
4	Propanal	58	C3H6O	000123-38-6	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D
Acq On : 1 Nov 2001 11:48 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

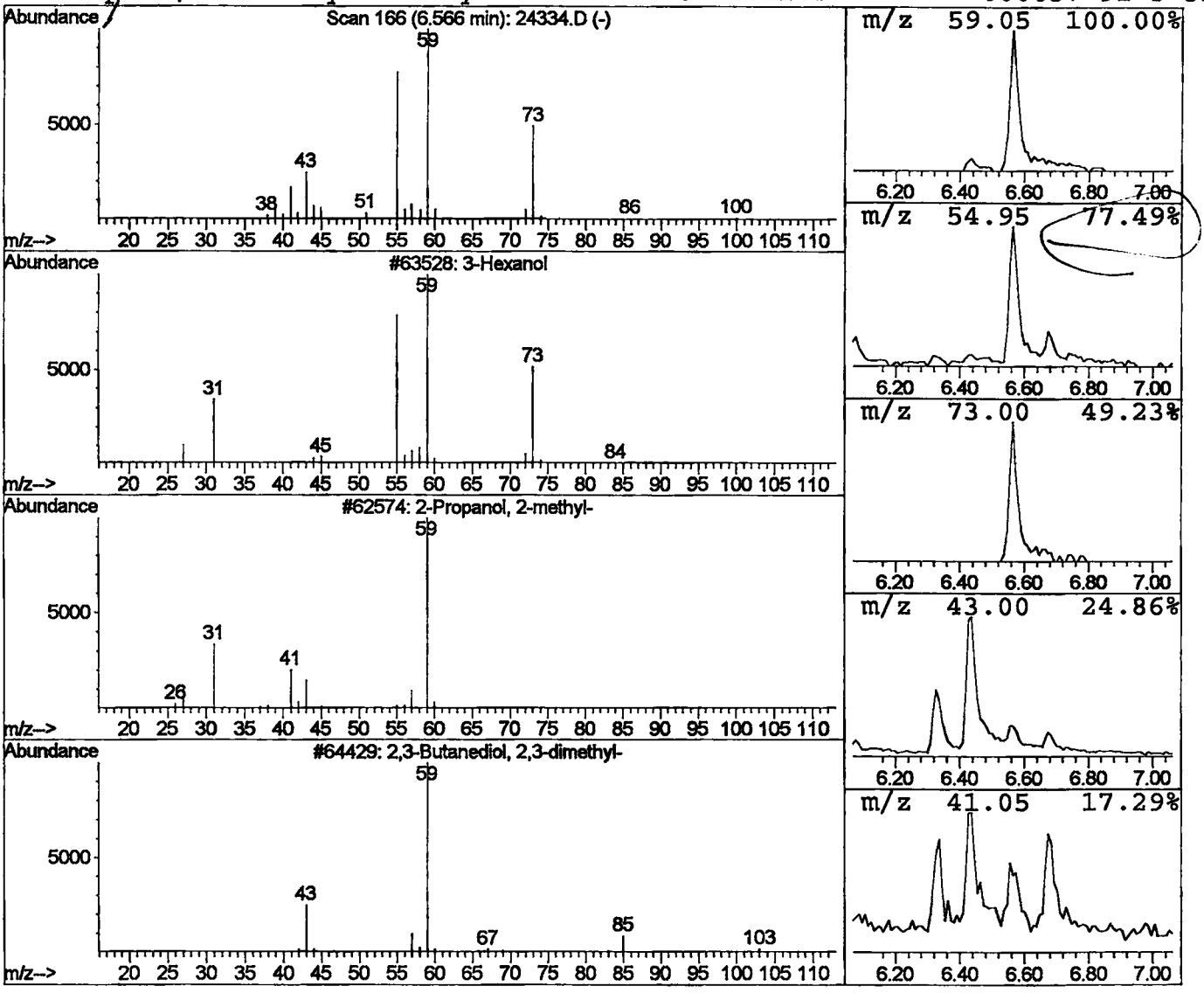
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol — Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	0.46 ug/l	75345	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	74
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	33
3	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	33
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D
Acq On : 1 Nov 2001 11:48 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

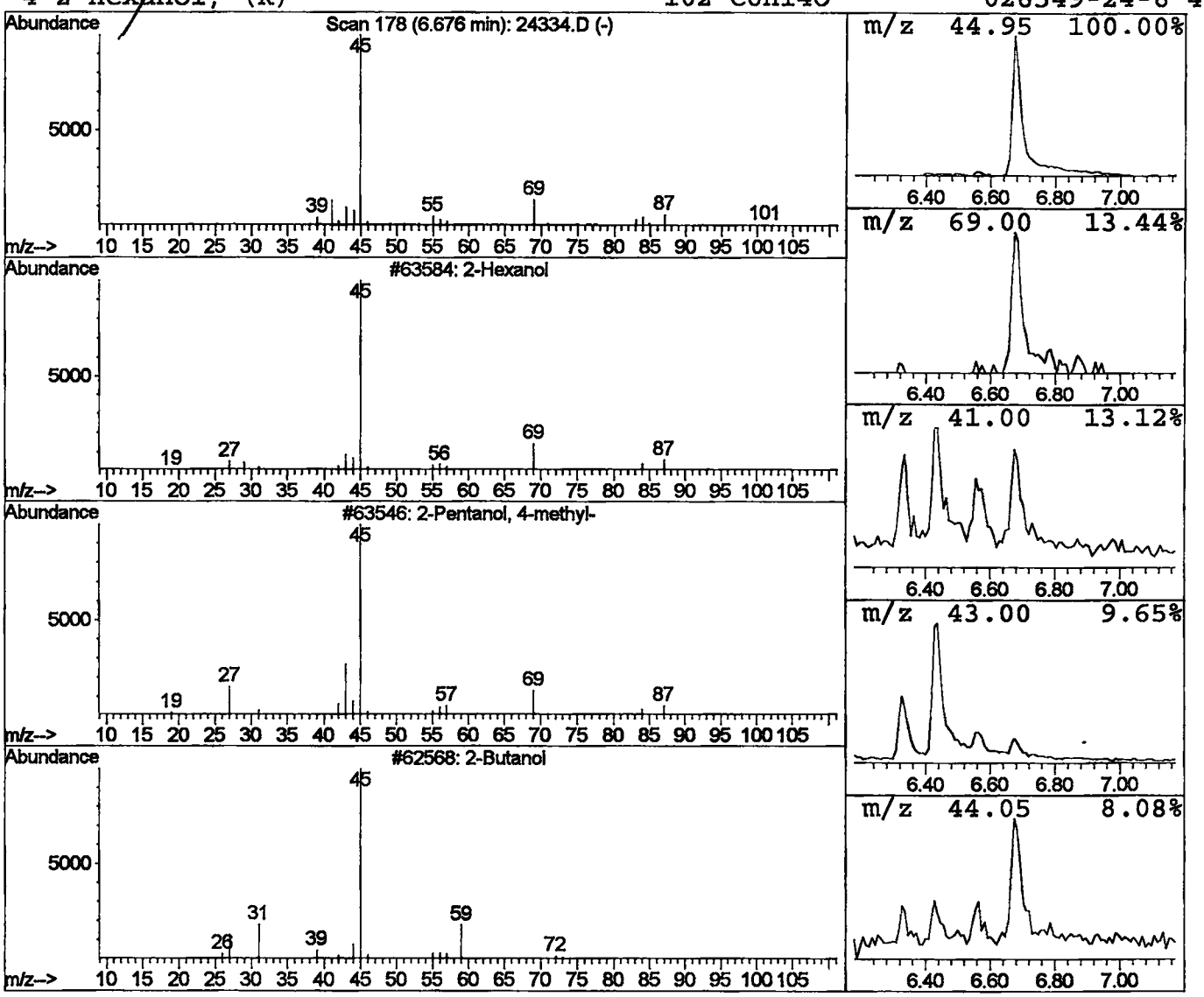
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	0.58 ug/l	93900	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	78
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
3	2-Butanol	74	C4H10O	000078-92-2	45
4	2-Hexanol, (R)-	102	C6H14O	026549-24-6	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D
Acq On : 1 Nov 2001 11:48 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

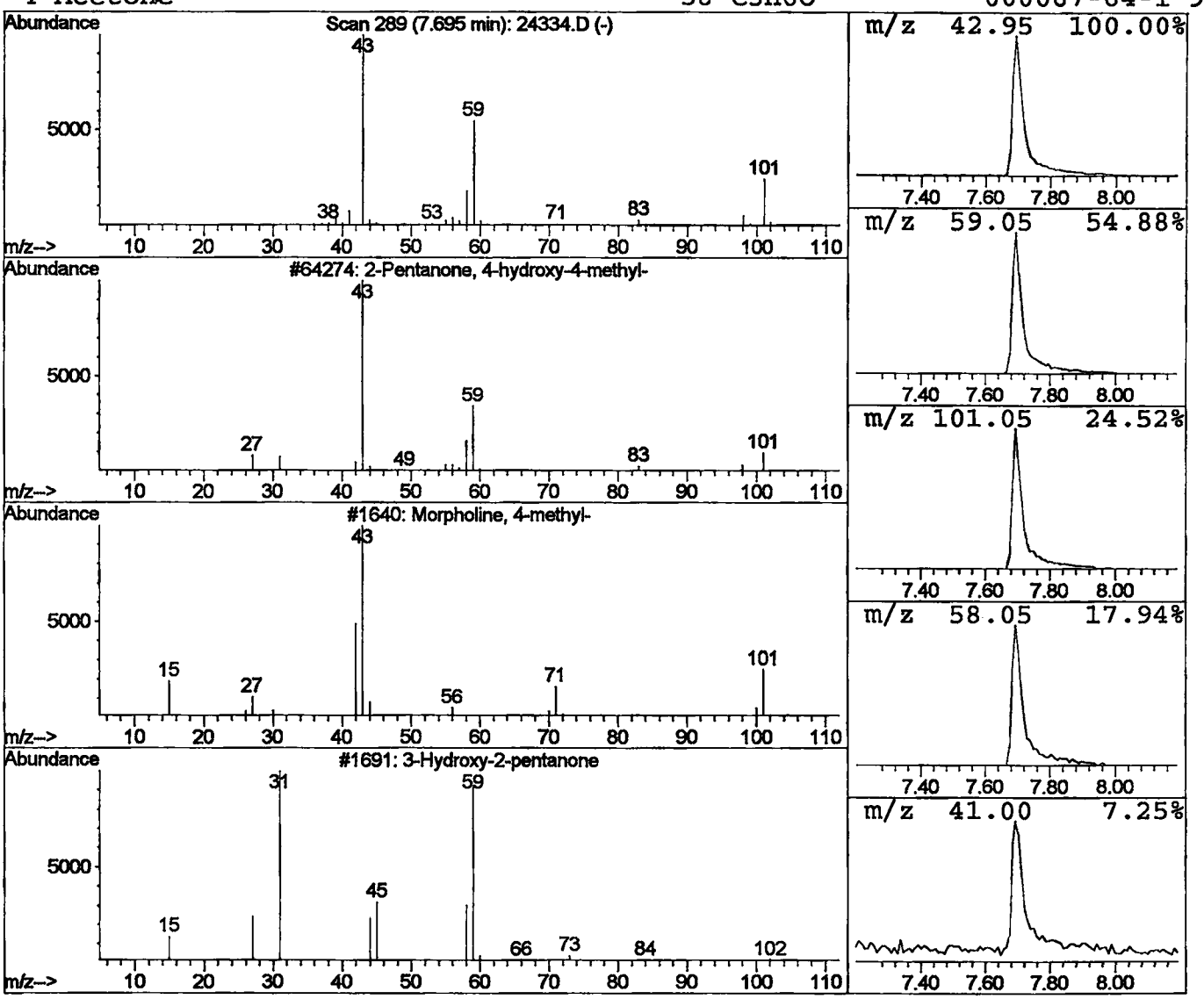
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.16 ug/l	350716	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24334.D
Acq On : 1 Nov 2001 11:48 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

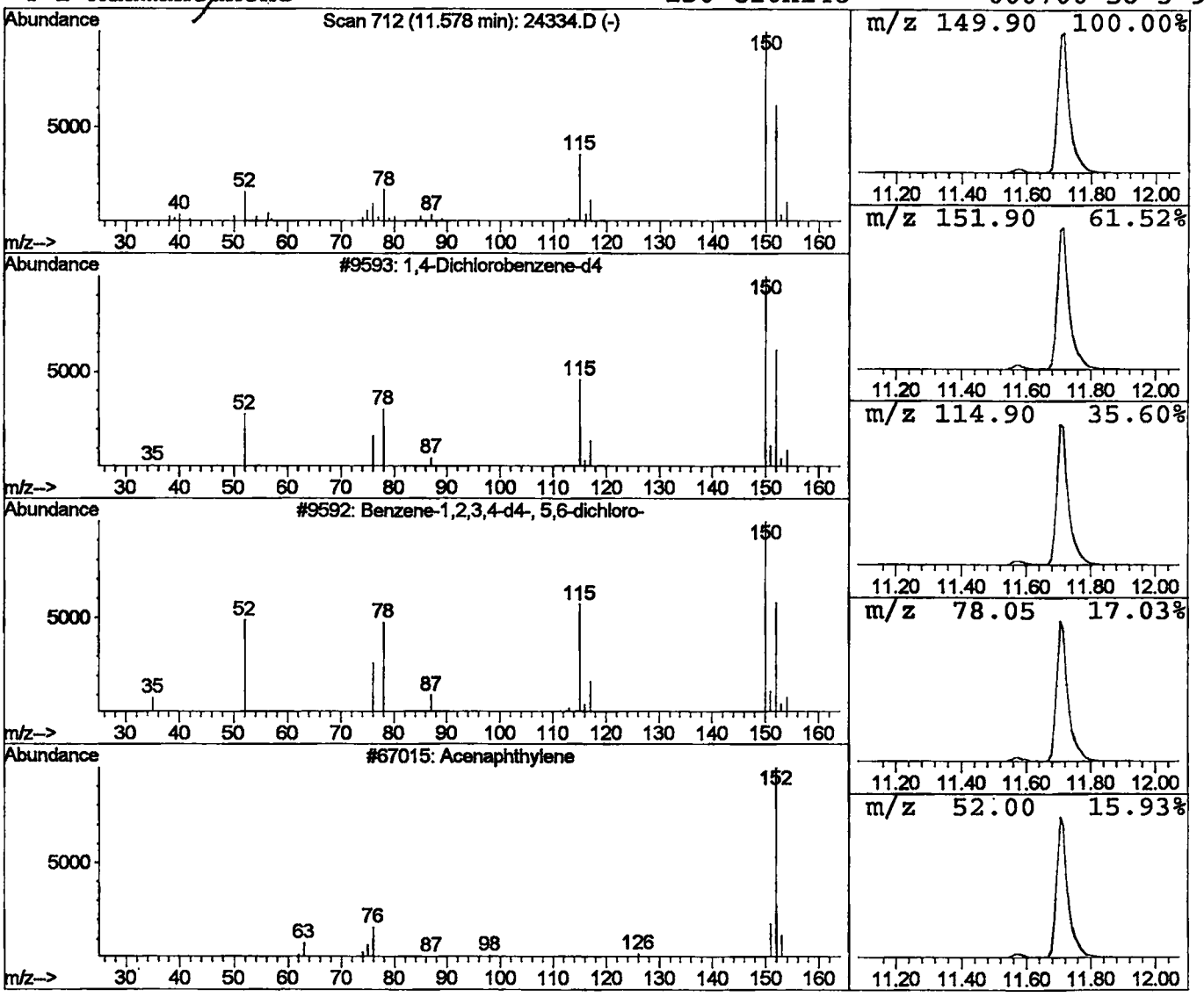
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1,4-Dichlorobenzene-d4 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.53 ug/l	86123	1,4-Dichlorobenzene-d4	11.72

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	27
3	Acenaphthylene	152	C12H8	000208-96-8	9
4	2-Adamantanone	150	C10H14O	000700-58-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Nov 2001 11:48 pm
Data File: C:\HPCHEM\1\DATA\NOV0101\24334.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	6.33	0.4	ug/l	67469	ISTD01	11.72	3246150	20.0
2-Hexanone	6.44	0.9	ug/l	140025	ISTD01	11.72	3246150	20.0
3-Hexanol	6.57	0.5	ug/l	75345	ISTD01	11.72	3246150	20.0
2-Hexanol	6.68	0.6	ug/l	93900	ISTD01	11.72	3246150	20.0
2-Pentanone, 4-hydro	7.69	2.2	ug/l	350716	ISTD01	11.72	3246150	20.0
1,4-Dichlorobenzene-	11.58	0.5	ug/l	86123	ISTD01	11.72	3246150	20.0

24334.D NP103001.M Wed Nov 07 10:39:27 2001