User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/29/2001 Time: 10:13:24

Sample: AD24048
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/29/01 10:13 Ended: 10/29/01 10:13 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

Comments for Sample AD24048 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-29-2001 Time: 10:13:30

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\24048.D Vial: 9
Acq On : 25 Oct 2001 8:30 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 9:05 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	629847	20.00	ug/l	-0.02
19) Naphthalene-d8	15.35	136	2577389	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.64	164	1267150	20.00	ug/l	0.00
49) Phenanthrene-d10	25.06	188	1888118	20.00	ug/l	0.00
59) Chrysene-d12	33.10	240	1126038	20.00	ug/l	0.00
68) Perylene-d12	37.21	264	788862	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	0.00	132	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.26	152	7452	0.17	ug/l	-0.02
Spiked Amount 50.000			Recovery =	0.34%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.77	172	2675	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\24048.D Vial: 9
Acq On : 25 Oct 2001 8:30 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 9:05 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	15.40	128	780	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	21.07	65	348	N.D.	
44)	2,4-Dinitrotoluene	20.99	165	432	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	25.12	178	2671	N.D.	
56)	Anthracene	25.12	178	2671	N.D.	
57)	Di-n-butylphthalate	27.05	149	2820	N.D.	
58)	Fluoranthene	28.73	202	291	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	2883	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.37	149	2260	N.D.	
67)	Chrysene	33.10	228	2884	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\OCT2501\24048.D Vial: 9
Acq On : 25 Oct 2001 8:30 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 9:05 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	2733	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\OCT2501\24048.D Vial: 9
Acq On : 25 Oct 2001 8:30 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
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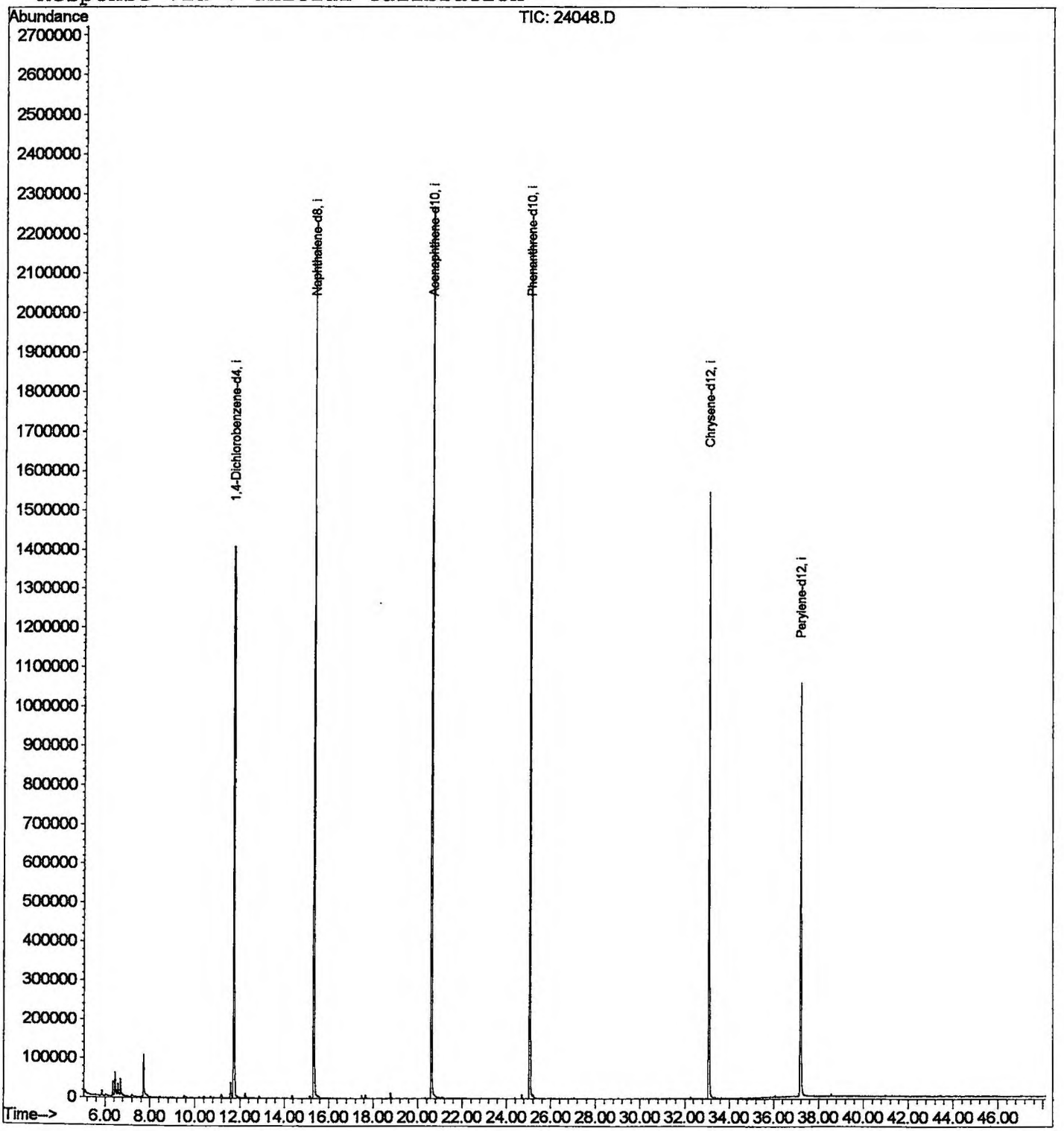
Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24048.D Vial: 9
Acq On : 25 Oct 2001 8:30 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\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

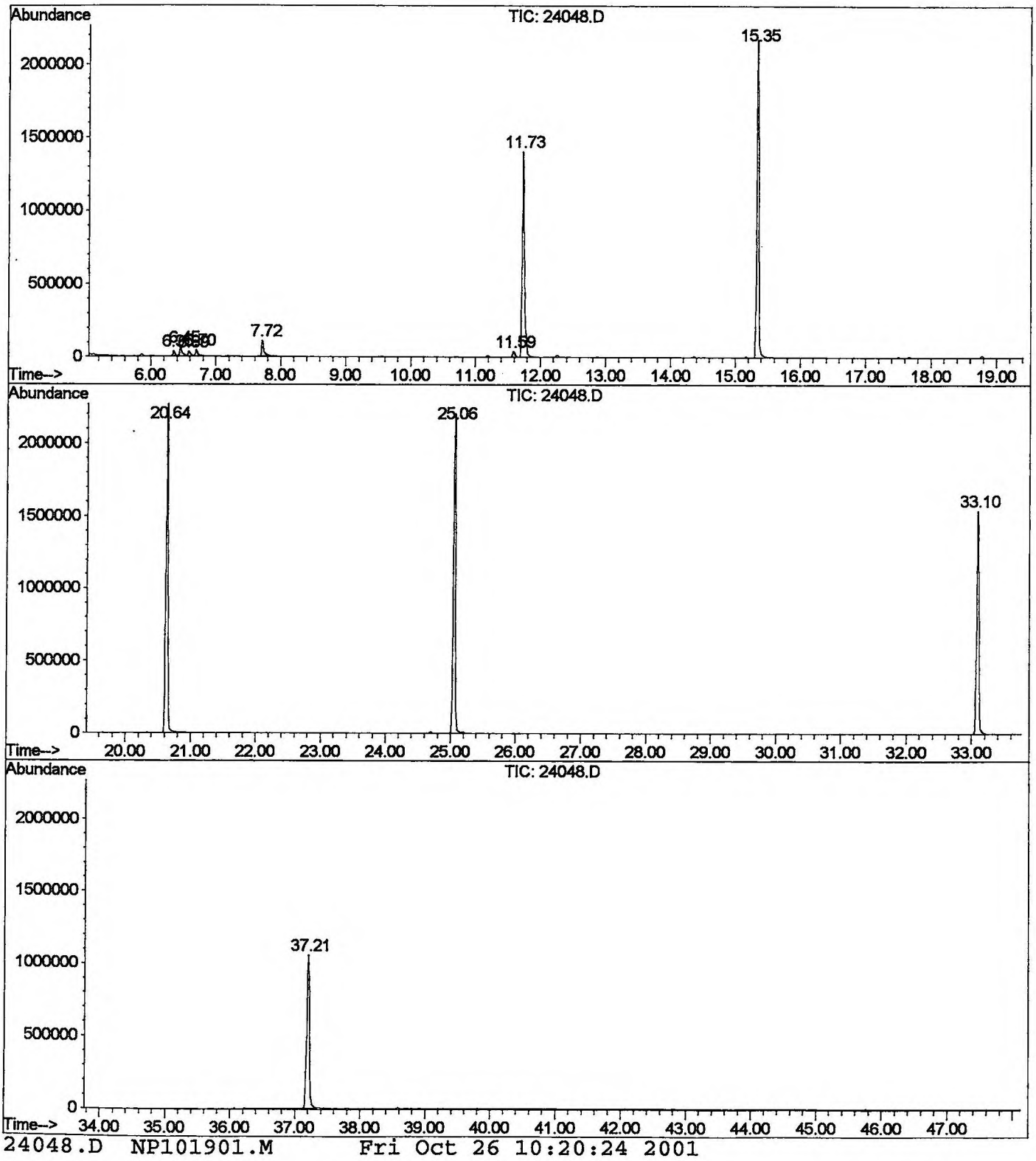
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.353	138	143	147	rBV	37558	72770	1.43%	0.286%
2	6.454	150	154	165	rVV	61682	155152	3.05%	0.611%
3	6.592	165	169	177	rVV	30137	72307	1.42%	0.285%
4	6.702	177	181	194	rVB	42353	97566	1.92%	0.384%
5	7.721	288	292	308	rBV	108042	266876	5.25%	1.050%
6	11.595	709	714	724	rBV	39167	90945	1.79%	0.358%
7	11.733	724	729	748	rVV	1405534	3386521	66.65%	13.328%
8	15.350	1116	1123	1139	rBV	2173353	4738700	93.26%	18.649%
9	20.638	1691	1699	1715	rBV	2268153	5080974	100.00%	19.996%
10	25.062	2173	2181	2193	rBV	2204429	4835074	95.16%	19.028%
11	33.095	3049	3056	3075	rBV2	1546102	3644560	71.73%	14.343%
12	37.208	3495	3504	3518	rBV	1052662	2968468	58.42%	11.682%

Sum of corrected areas: 25409913

24048.D NP101901.M Fri Oct 26 10:20:21 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT2501\24048.D
Operator : 209 GALOS
Acquired : 25 Oct 2001 8:30 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 9
Quant File :NP101901.RES (RTE Integrator)



24048.D NP101901.M Fri Oct 26 10:20:24 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24048.D
Acq On : 25 Oct 2001 8:30 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

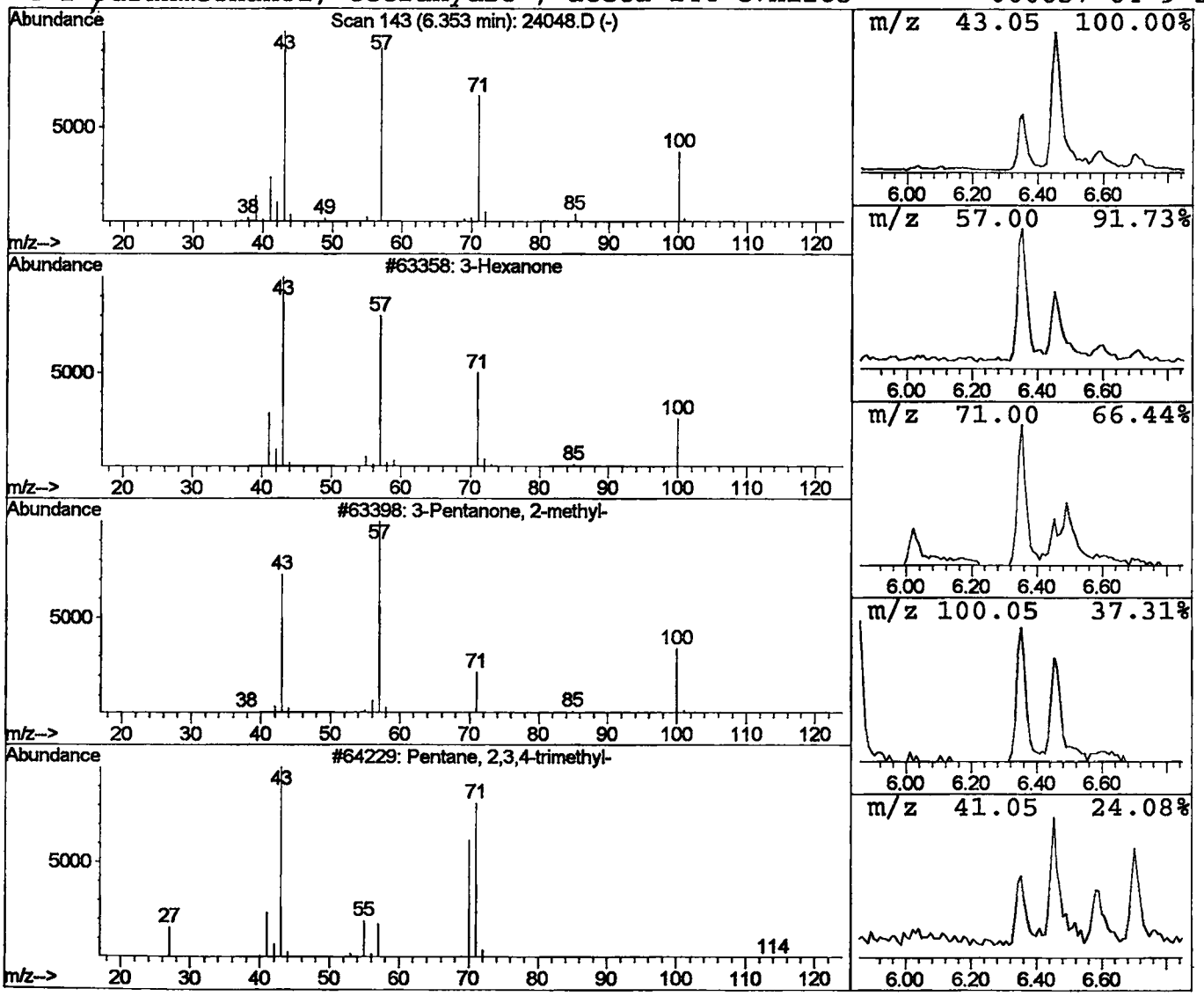
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	0.43 ug/l	72770	1,4-Dichlorobenzene-d4	11.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	90
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	50
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	42
4	2-Furanmethanol, tetrahydro-, aceta	144	C7H12O3	000637-64-9	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24048.D
Acq On : 25 Oct 2001 8:30 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

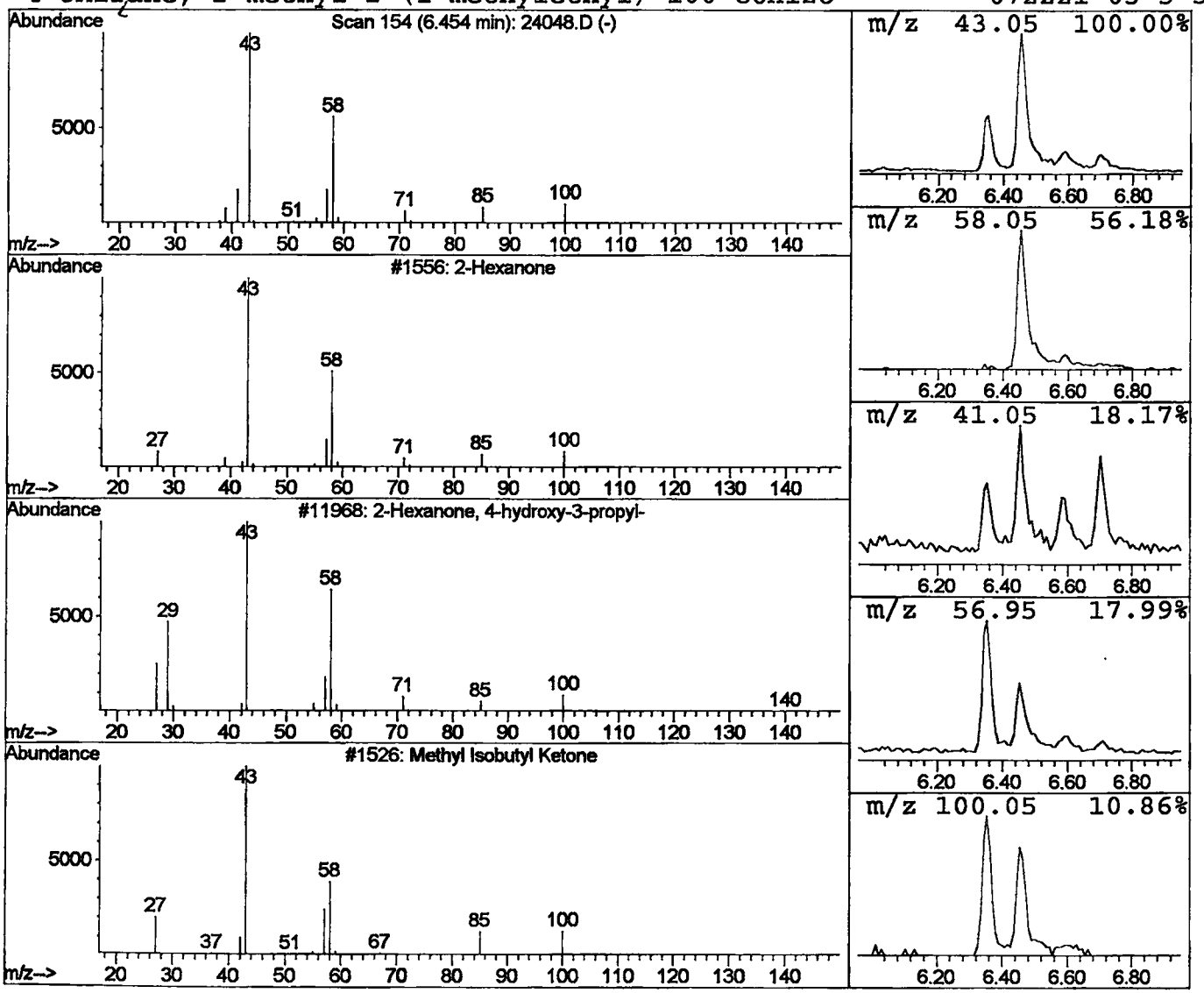
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	0.92 ug/l	155152	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-3-propyl-	158	C9H18O2	062338-17-4	83
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24048.D
Acq On : 25 Oct 2001 8:30 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

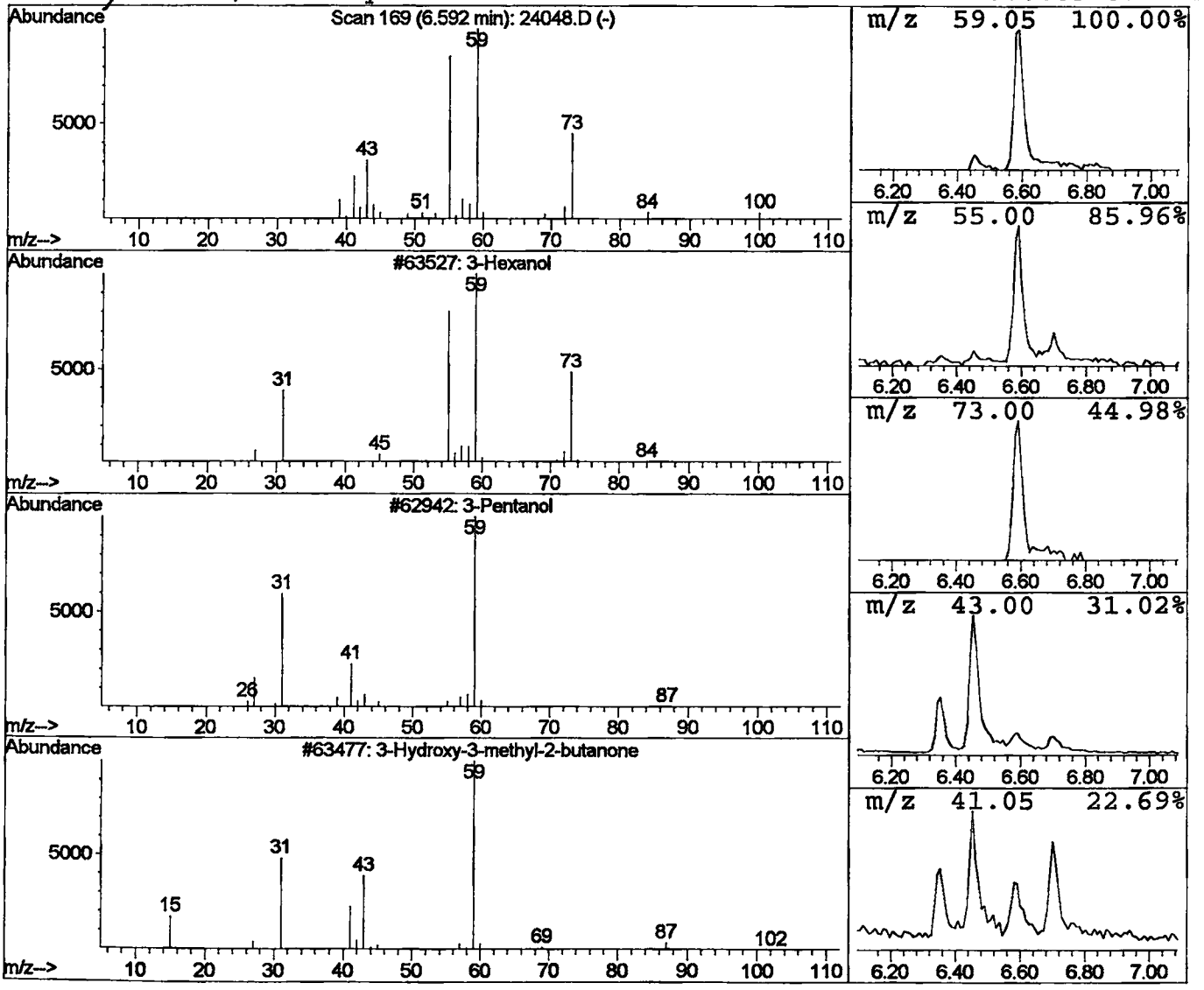
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol — Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	0.43 ug/l	72307	1,4-Dichlorobenzene-d4	11.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	78
2	3-Pentanol	88	C5H12O	000584-02-1	42
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24048.D
Acq On : 25 Oct 2001 8:30 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

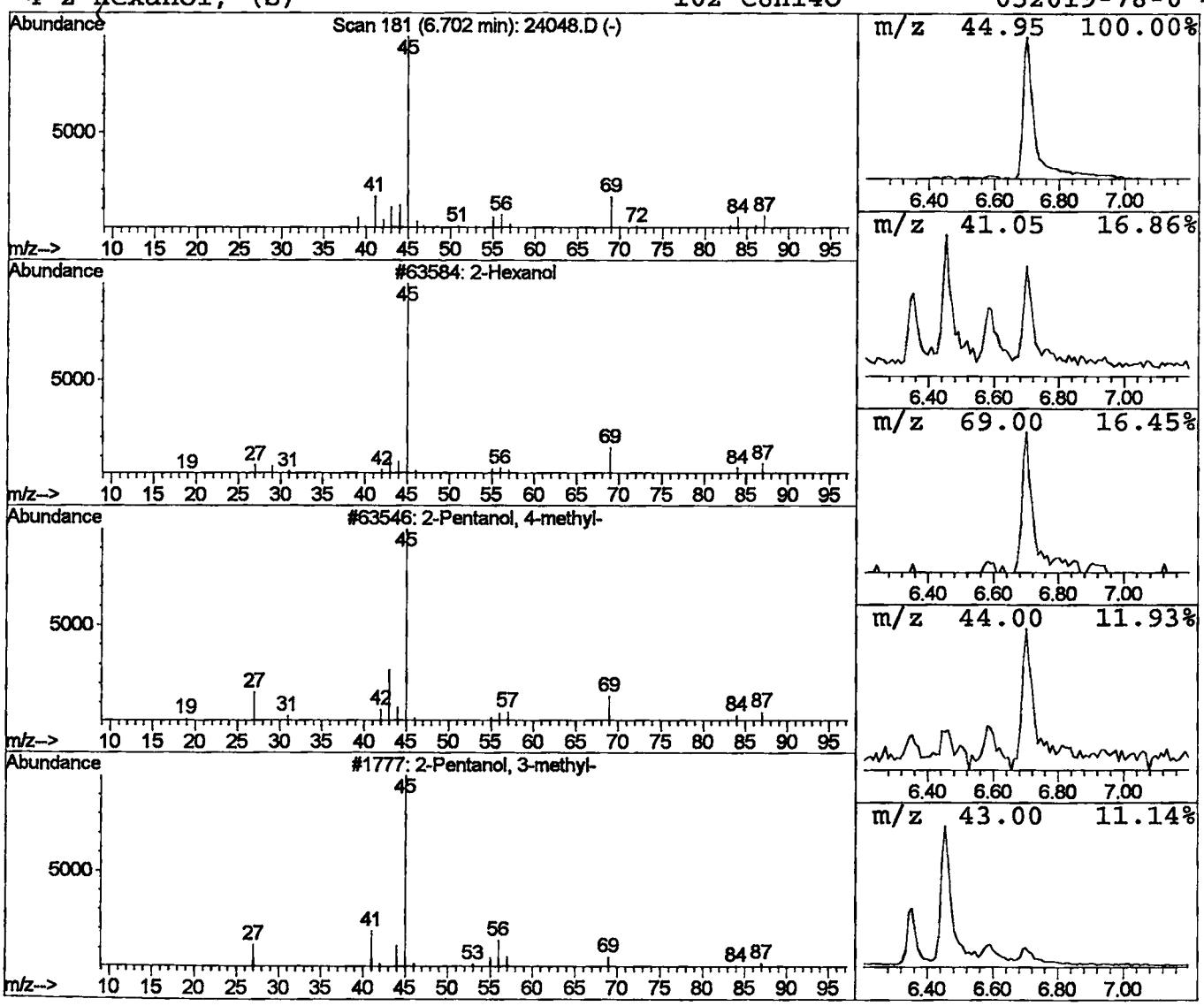
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	0.58 ug/l	97566	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	83
3	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	56
4	2-Hexanol, (S)-	102	C6H14O	052019-78-0	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24048.D
Acq On : 25 Oct 2001 8:30 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

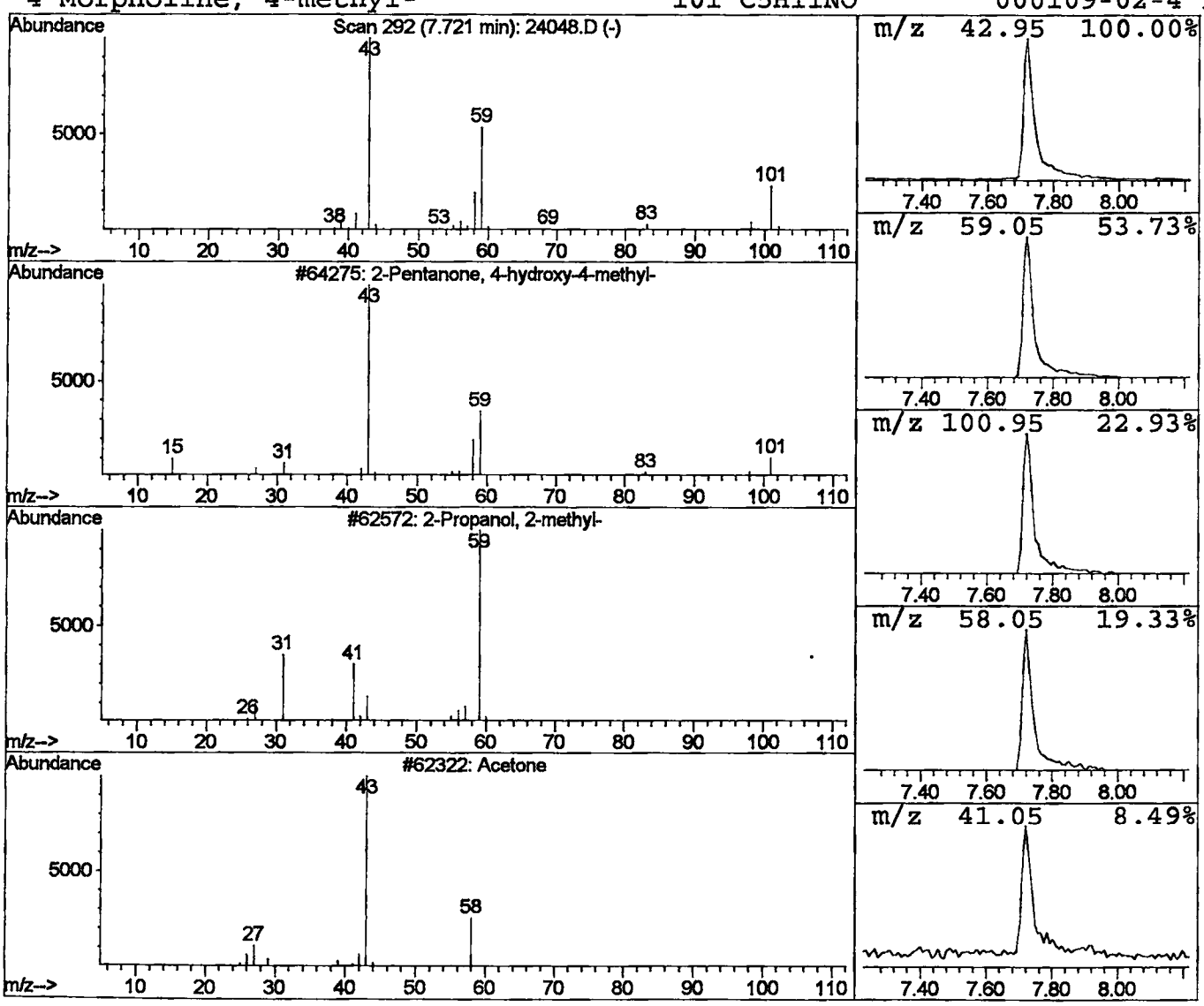
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	1.58 ug/l	266876	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	40
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	12
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24048.D
Acq On : 25 Oct 2001 8:30 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

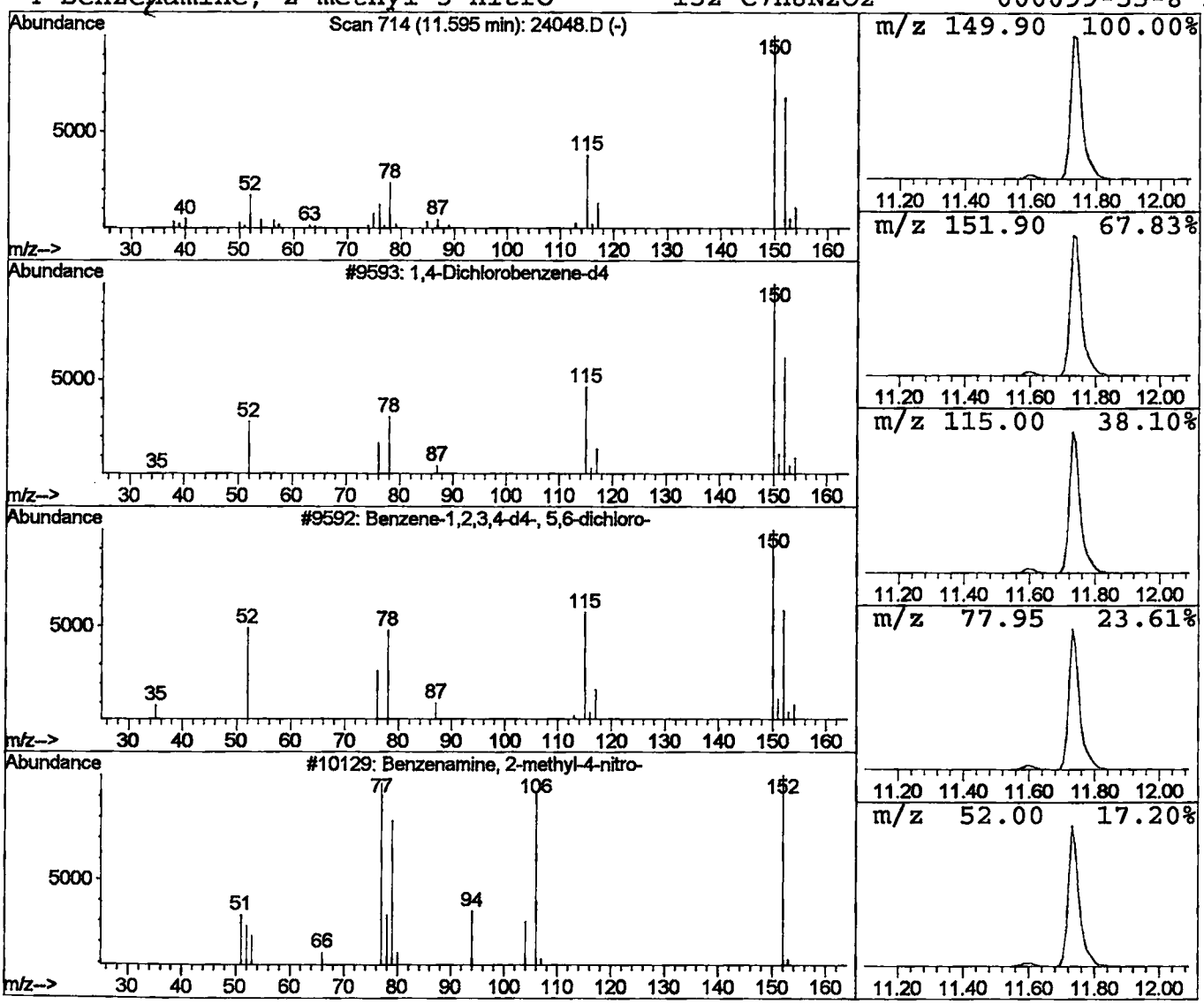
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	0.54 ug/l	90945	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	64
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	37
3	Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	22
4	Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	14



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 25 Oct 2001 8:30 pm
Data File: C:\HPCHEM\1\DATA\OCT2501\24048.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	6.35	0.4	ug/l	72770	ISTD01	11.73	3386520	20.0
2-Hexanone	6.45	0.9	ug/l	155152	ISTD01	11.73	3386520	20.0
3-Hexanol	6.59	0.4	ug/l	72307	ISTD01	11.73	3386520	20.0
2-Hexanol	6.70	0.6	ug/l	97566	ISTD01	11.73	3386520	20.0
2-Pentanone, 4-hydro	7.72	1.6	ug/l	266876	ISTD01	11.73	3386520	20.0
1,4-Dichlorobenzene-	11.60	0.5	ug/l	90945	ISTD01	11.73	3386520	20.0

24048.D NP101901.M Fri Oct 26 10:21:19 2001