User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 15:23:49

Sample: AD24876
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/19/01 15:22 Ended: 11/19/01 15:22 Analyst: MG
Page: 1

	Component Name	Vol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24876 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-19-2001 Time: 15:23:54

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\NOV0601\24876.D Vial: 5
Acq On : 6 Nov 2001 4:42 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 6 17:31 2001 Quant Results File: NP103001.RES

Quant 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
DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.72	152	678077	20.00	ug/l	0.00
19) Naphthalene-d8	15.32	136	2605432	20.00	ug/l	0.00
31) Acenaphthene-d10	20.59	164	1297710	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	1963404	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1408995	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	1017938	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	556	0.01	ug/l	0.48
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.24	152	8116	0.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	0.52%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.75	172	2679	0.03	ug/l	0.13
Spiked Amount 50.000			Recovery =	0.06%		
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)

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Misc : Multiplr: 1.00
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Quant 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
DataAcq Meth : NP103001

	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	15.38	128	137	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.	
40)	Acenaphthylene	0.00	152	0	N.D.	
41)	Acenaphthene	20.59	153	175	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	20.92	165	666	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	25.03	178	601	N.D.	
56)	Anthracene	25.03	178	601	N.D.	
57)	Di-n-butylphthalate	27.03	149	2976	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	3101	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	798	N.D.	
67)	Chrysene	33.06	228	3101	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\NOV0601\24876.D Vial: 5
Acq On : 6 Nov 2001 4:42 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 6 17:31 2001 Quant Results File: NP103001.RES

Quant 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
DataAcq Meth : NP103001

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	4234	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.	

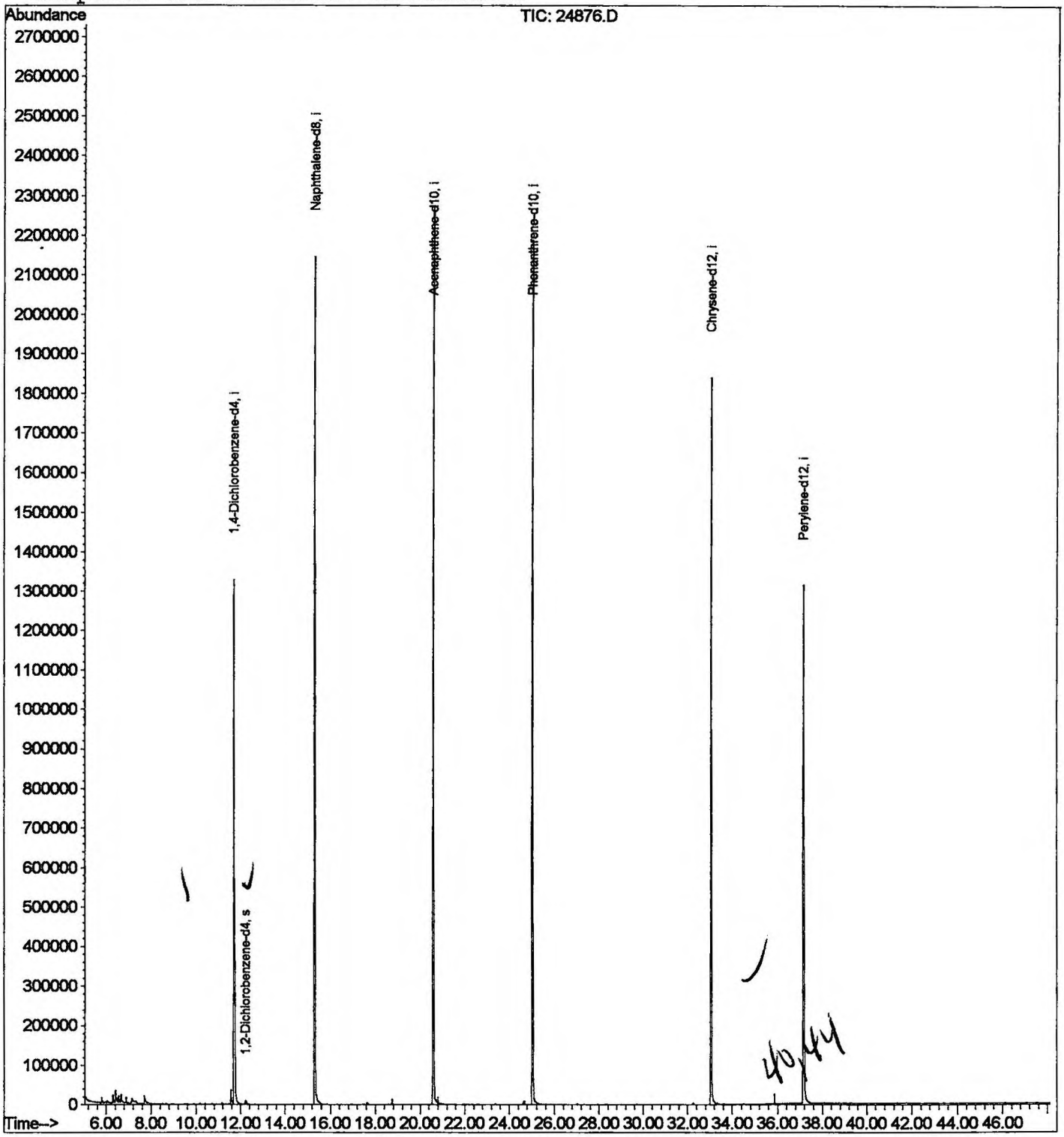
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24876.D
Acq On : 6 Nov 2001 4:42 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 6 17:31 2001

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP103001.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\NOV0601\24876.D Vial: 5
Acq On : 6 Nov 2001 4:42 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

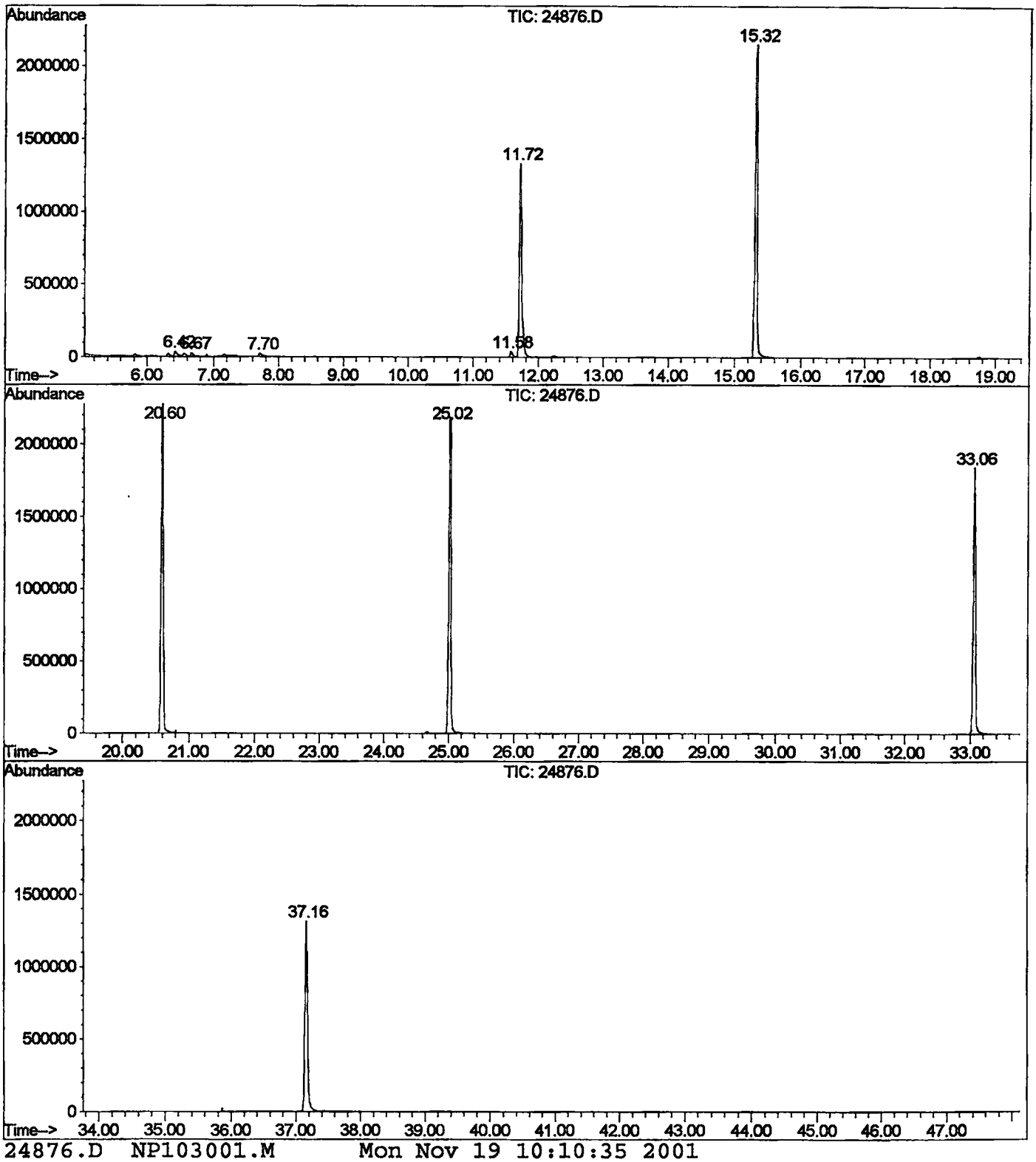
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.419	147	150	159	rVV	32280	88351	1.72%	0.331%
2	6.667	174	177	195	rVB2	22042	60128	1.17%	0.225%
3	7.704	287	290	304	rBV	21060	71328	1.39%	0.267%
4	11.578	707	712	721	rBV	37992	95841	1.87%	0.359%
5	11.716	721	727	747	rVV	1329461	3490389	67.98%	13.072%
6	15.324	1114	1120	1133	rBV	2146474	4714203	91.82%	17.656%
7	20.602	1688	1695	1713	rBV	2274680	5134380	100.00%	19.230%
8	25.018	2170	2176	2189	rBV2	2186768	4927993	95.98%	18.457%
9	33.060	3045	3052	3074	rBV2	1841787	4423233	86.15%	16.566%
10	37.164	3491	3499	3518	rBV2	1312666	3694601	71.96%	13.837%

Sum of corrected areas: 26700447

24876.D NP103001.M Mon Nov 19 10:10:33 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0601\24876.D
Operator : 209 GALOS
Acquired : 6 Nov 2001 4:42 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 5
Quant File :NP103001.RES (RTE Integrator)



24876.D NP103001.M Mon Nov 19 10:10:35 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24876.D
Acq On : 6 Nov 2001 4:42 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

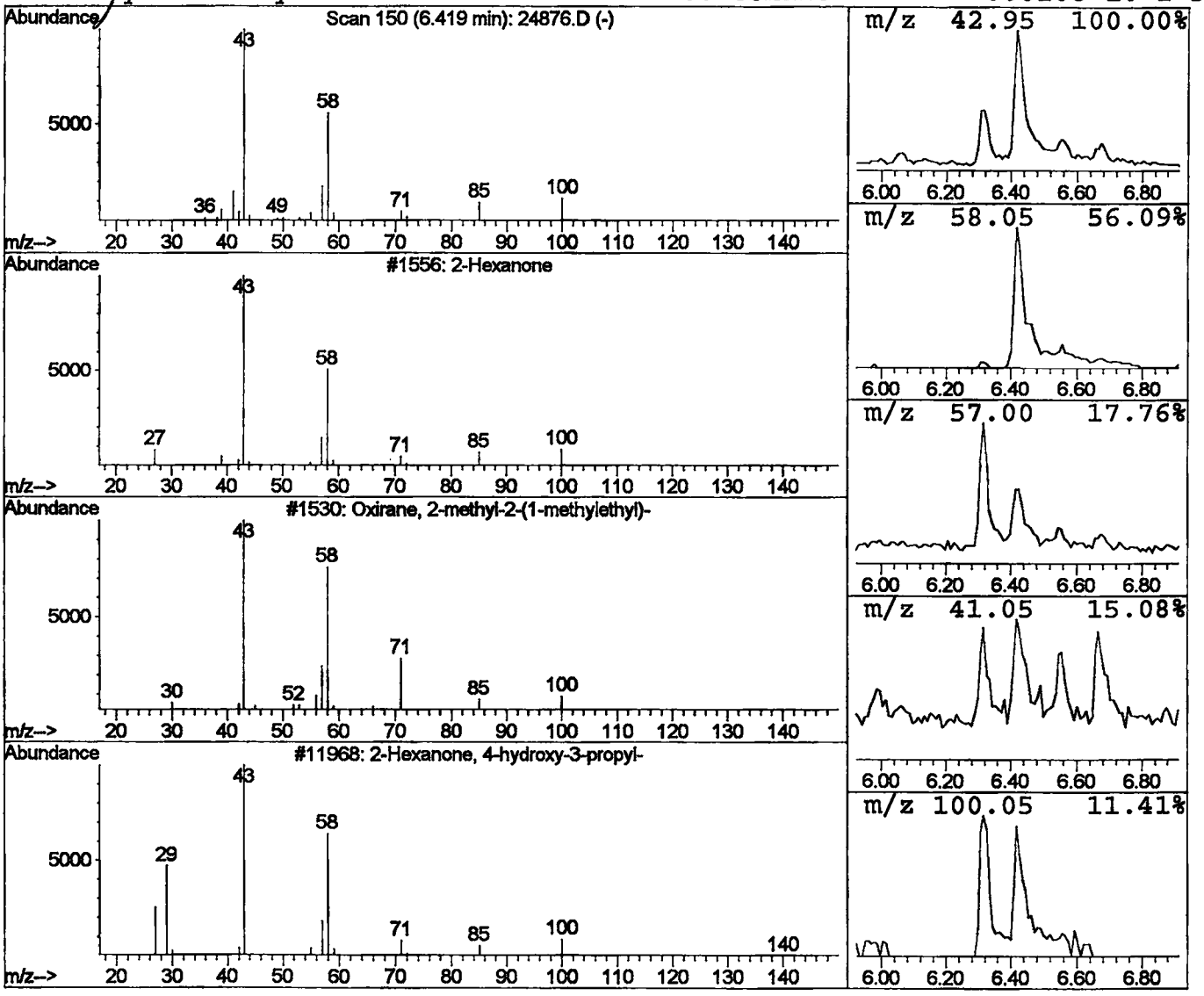
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.51 ug/l	88351	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	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	80
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	78
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24876.D
Acq On : 6 Nov 2001 4:42 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

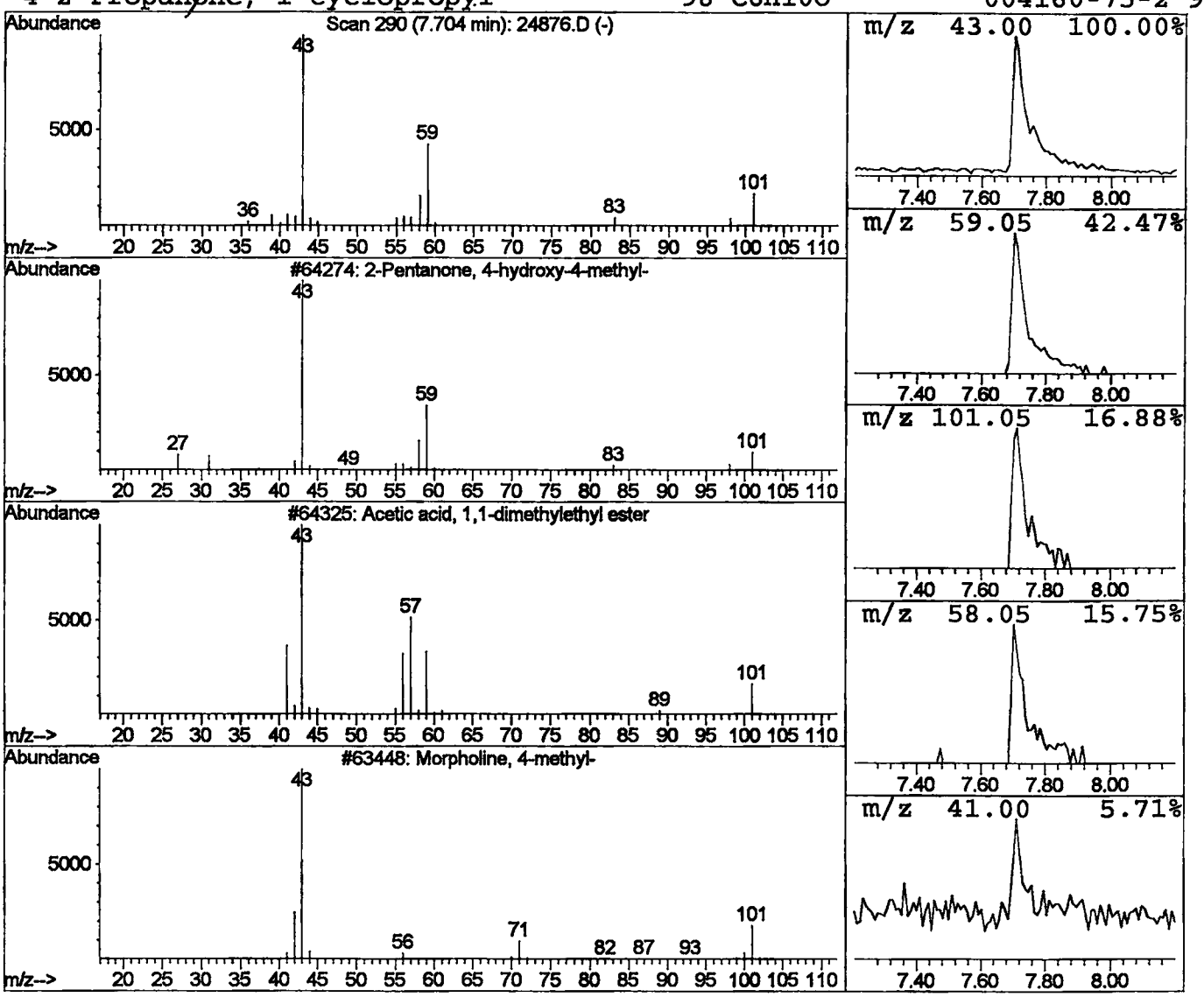
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	0.41 ug/l	71328	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	74
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	45
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24876.D
Acq On : 6 Nov 2001 4:42 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

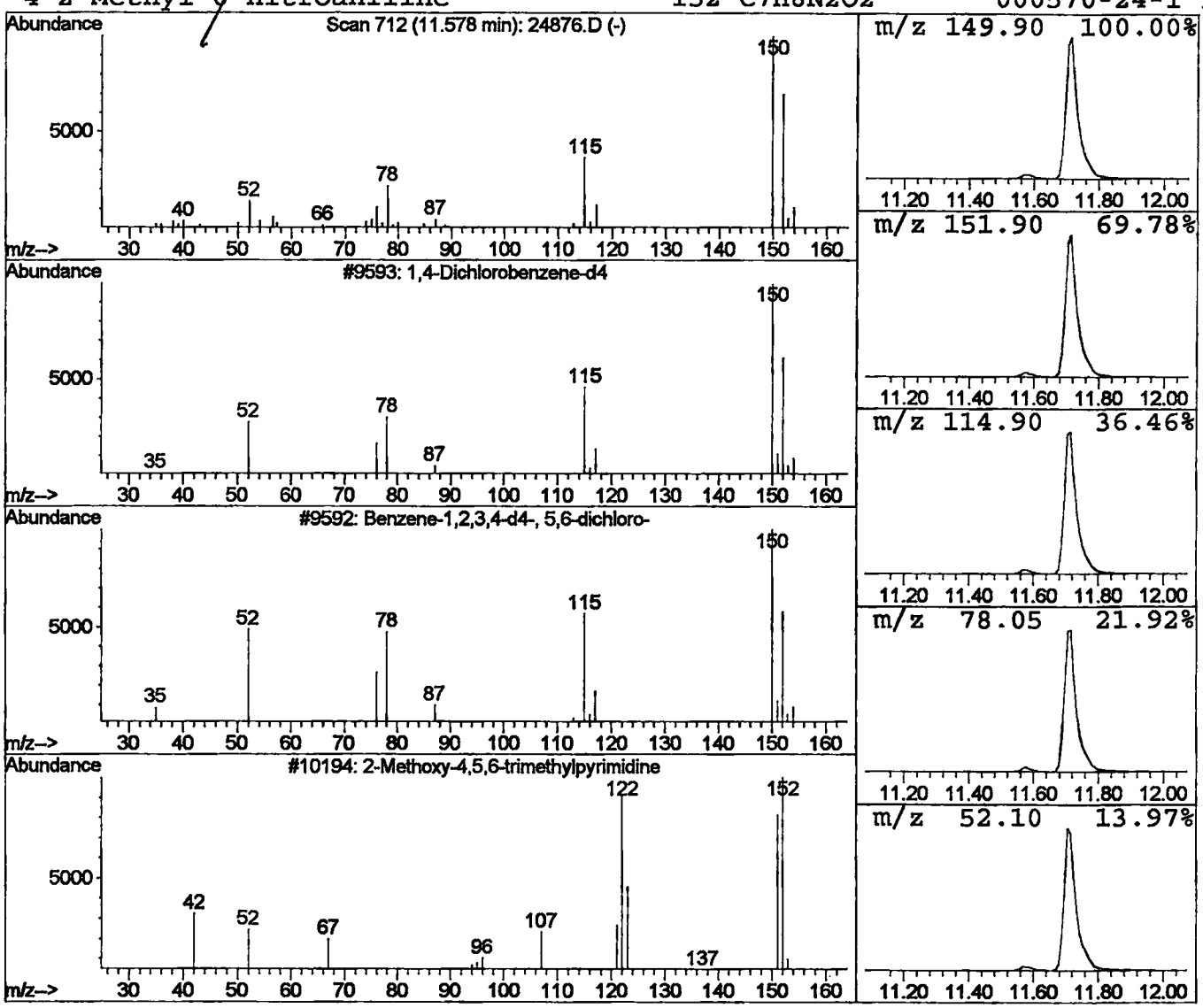
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.55 ug/l	95841	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	64
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	23
3	2-Methoxy-4,5,6-trimethylpyrimidine	152	C8H12N2O	065641-61-4	9
4	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 6 Nov 2001 4:42 pm
Data File: C:\HPCHEM\1\DATA\NOV0601\24876.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.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	0.5	ug/l	88351	ISTD01	11.72	3490390	20.0
2-Pentanone, 4-hydro	7.70	0.4	ug/l	71328	ISTD01	11.72	3490390	20.0
1,4-Dichlorobenzene-	11.58	0.5	ug/l	95841	ISTD01	11.72	3490390	20.0

24876.D NP103001.M Mon Nov 19 10:10:42 2001