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User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 15:27:48

Sample: AE10064
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/23/02 15:27 Ended: 5/23/02 15:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		97		10.0

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Comments for Sample AE10064 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-23-2002 Time: 15:28:22

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\10064.D Vial: 15
Acq On : 20 May 2002 8:56 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:32 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	368195	40.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	1453115	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	679781	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.52	188	895874	40.00	ug/l	-0.01
38) Chrysene-d12	33.58	240	513480	40.00	ug/l	-0.03
44) Perylene-d12	37.78	264	327798	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.22	209	132230	38.70	ug/L	0.00
Spiked Amount 40.000			Recovery = 96.75%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.84	128	375	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.56	149	373	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	446	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		

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

NYC-WTC_000023710

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\10064.D Vial: 15
Acq On : 20 May 2002 8:56 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:32 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.50	149	7163	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.57	228	1214	N.D.	
42)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	d
43)	Chrysene	33.57	228	1214	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.78	252	1316	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

NYC-WTC_000023711

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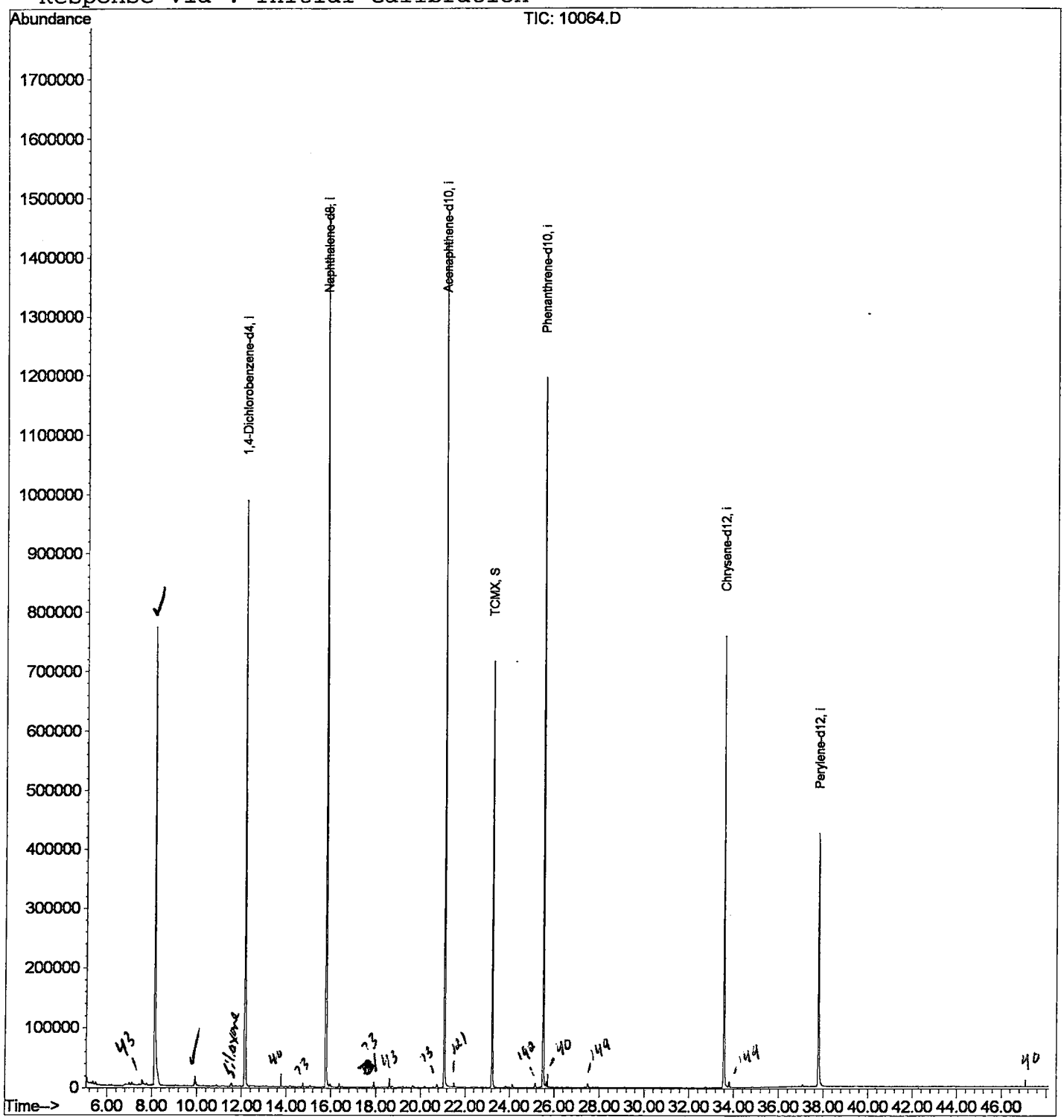
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2002\10064.D Vial: 15
Acq On : 20 May 2002 8:56 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:32 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



NYC-WTC_000023712

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2002\10064.D Vial: 15
Acq On : 20 May 2002 8:56 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

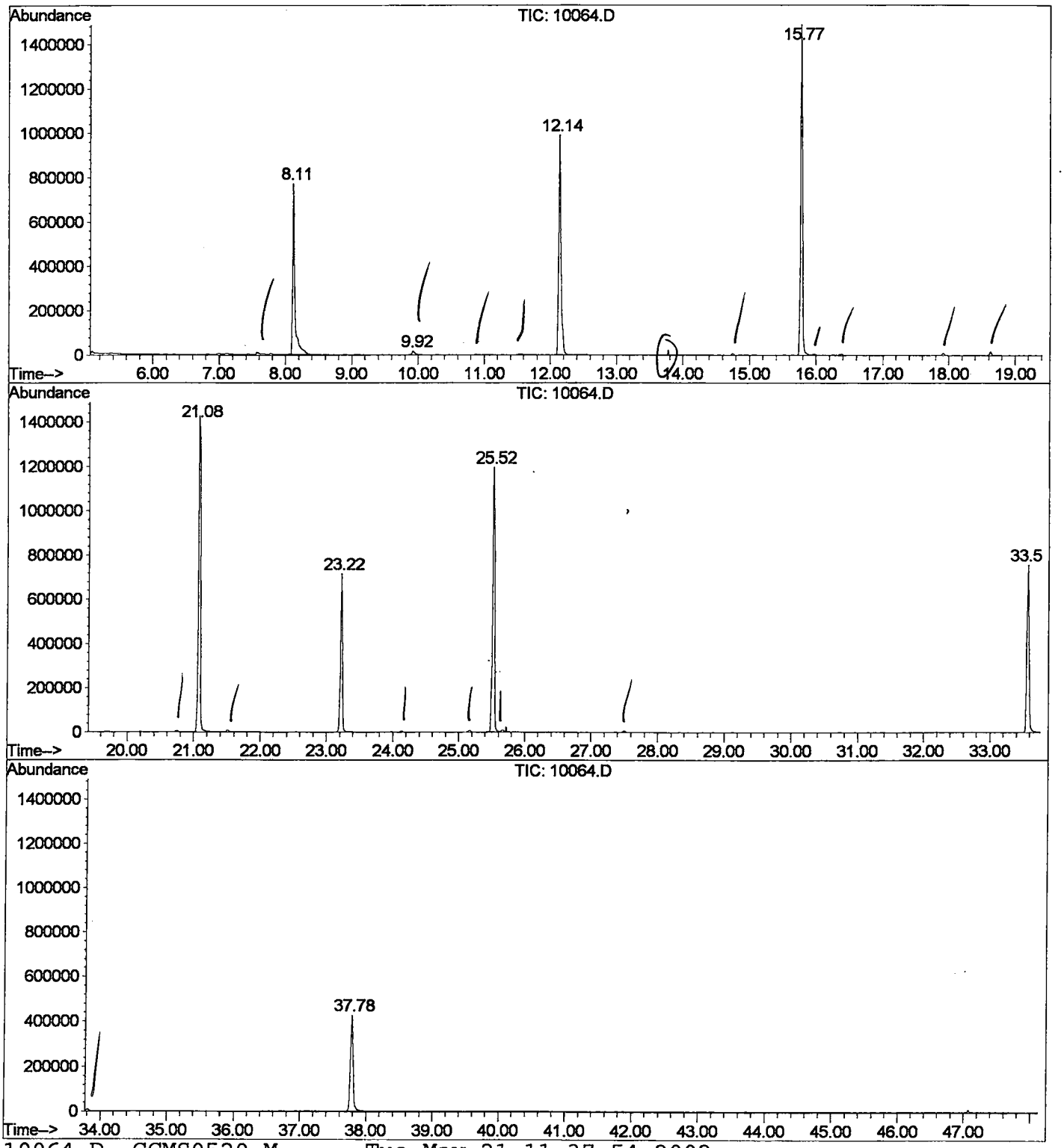
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.112	331	335	367	rVB	771470	1830043	60.49%	10.722%
2	9.918	528	532	545	rVB	16432	45754	1.51%	0.268%
3	12.144	769	775	792	rVB	989172	2348435	77.62%	13.759%
4	15.773	1166	1171	1188	rBV	1487008	3025476	100.00%	17.726%
5	21.079	1744	1750	1763	rBV	1425307	2950512	97.52%	17.286%
6	23.223	1975	1984	1999	rBV	716678	1429555	47.25%	8.375%
7	25.523	2228	2235	2247	rBV2	1194817	2543408	84.07%	14.901%
8	33.578	3107	3114	3128	rBV	759283	1658423	54.82%	9.716%
9	37.784	3565	3573	3595	rBV2	423888	1236869	40.88%	7.247%

Sum of corrected areas: 17068475

10064.D GCMS0520.M Tue May 21 11:37:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2002\10064.D
Operator :
Acquired : 20 May 2002 8:56 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACTED 5/9
Misc Info :
Vial Number: 15
Quant File :GCMS0520.RES (RTE Integrator)



10064.D GCMS0520.M Tue May 21 11:37:54 2002

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\10064.D Vial: 15
Acq On : 20 May 2002 8:56 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

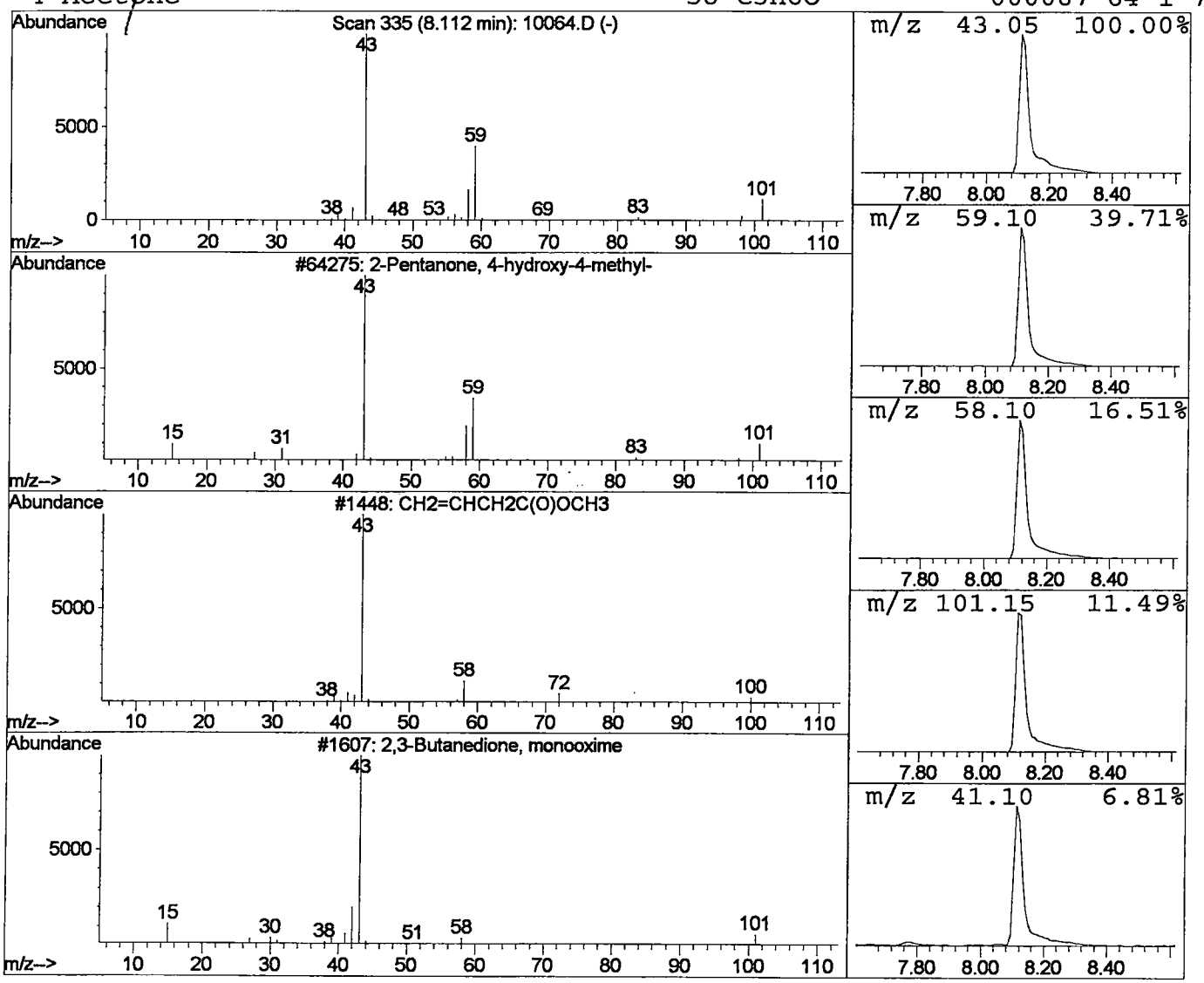
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	31.17 ug/l	1830040	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
4	Acetone	58	C3H6O	000067-64-1	7



NYC-WTC_000023715

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\10064.D Vial: 15
Acq On : 20 May 2002 8:56 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

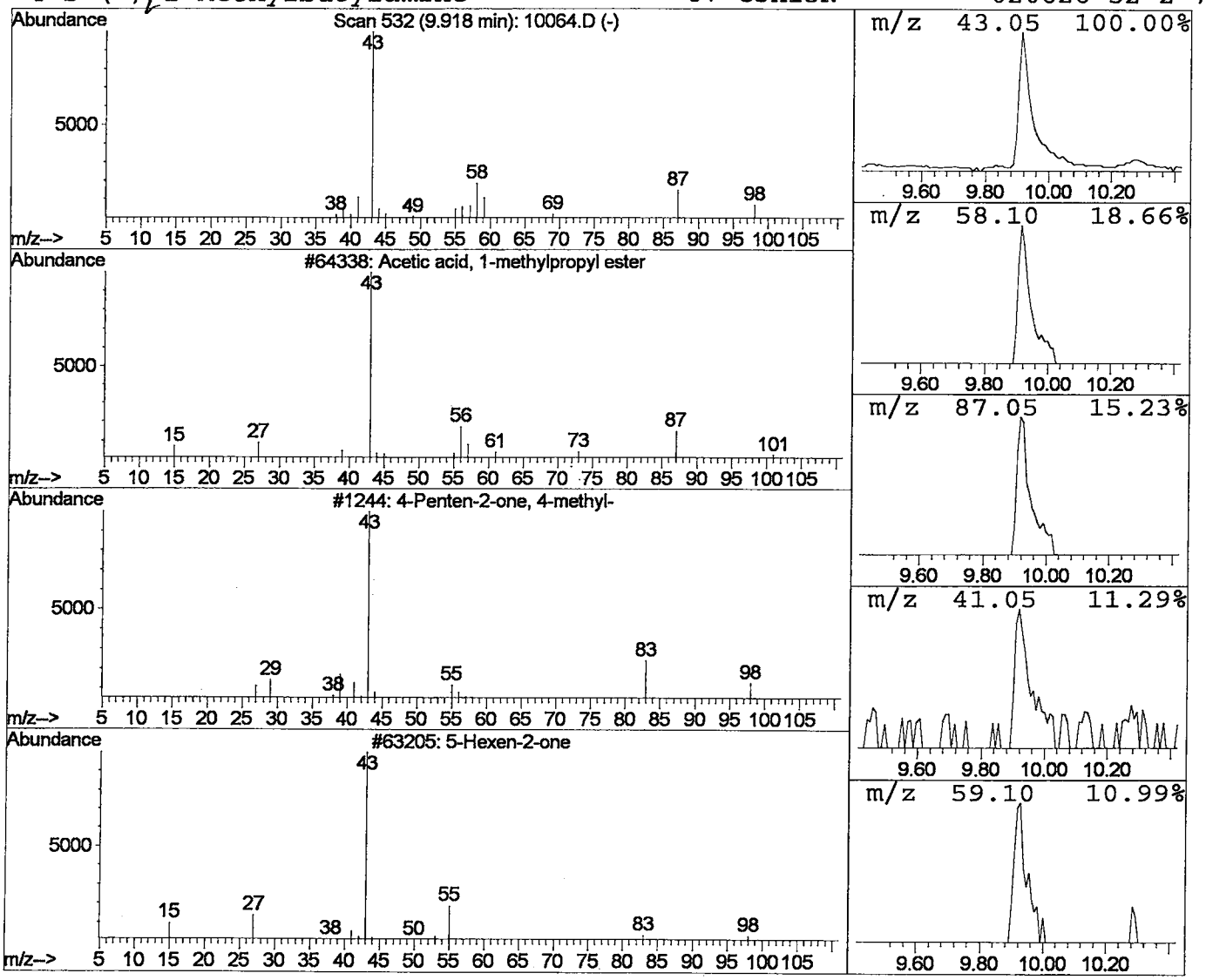
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetic acid, 1-methylpropyl es Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	0.78 ug/l	45754	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	25
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7
3	5-Hexen-2-one	98	C6H10O	000109-49-9	7
4	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	7



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Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 May 2002 8:56 pm
Data File: C:\HPCHEM\1\DATA\MAY2002\10064.D
Name: EXTRACTED 5/9
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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-Pentanone, 4-hydro	8.11	31.2	ug/l	1830040	ISTD01	12.14	2348440	40.0
Acetic acid, 1-methy	9.92	0.8	ug/l	45754	ISTD01	12.14	2348440	40.0

10064.D GCMS0520.M Tue May 21 11:37:56 2002