User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 15:34:37

Sample: AE09673
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/23/02 15:32 Ended: 5/23/02 15:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		102		10.0

Comments for Sample AE09673 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-23-2002 Time: 15:36:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was extracted twice because of low Surrogate Standard recovery the first time.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\9673.D Vial: 11
Acq On : 20 May 2002 5:01 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:27 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

re-extracted

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	333900	40.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	1321402	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	623766	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.52	188	807815	40.00	ug/l	-0.01
38) Chrysene-d12	33.58	240	412410	40.00	ug/l	-0.03
44) Perylene-d12	37.78	264	243325	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.22	209	127587	40.70	ug/L	0.00
Spiked Amount 40.000			Recovery = 101.75%			
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	175	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	22.57	149	189	N.D.		
26) 4-Chlorophenylphenylether	23.21	204	435	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.22	168	119	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.51	178	181	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\9673.D Vial: 11
Acq On : 20 May 2002 5:01 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:27 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

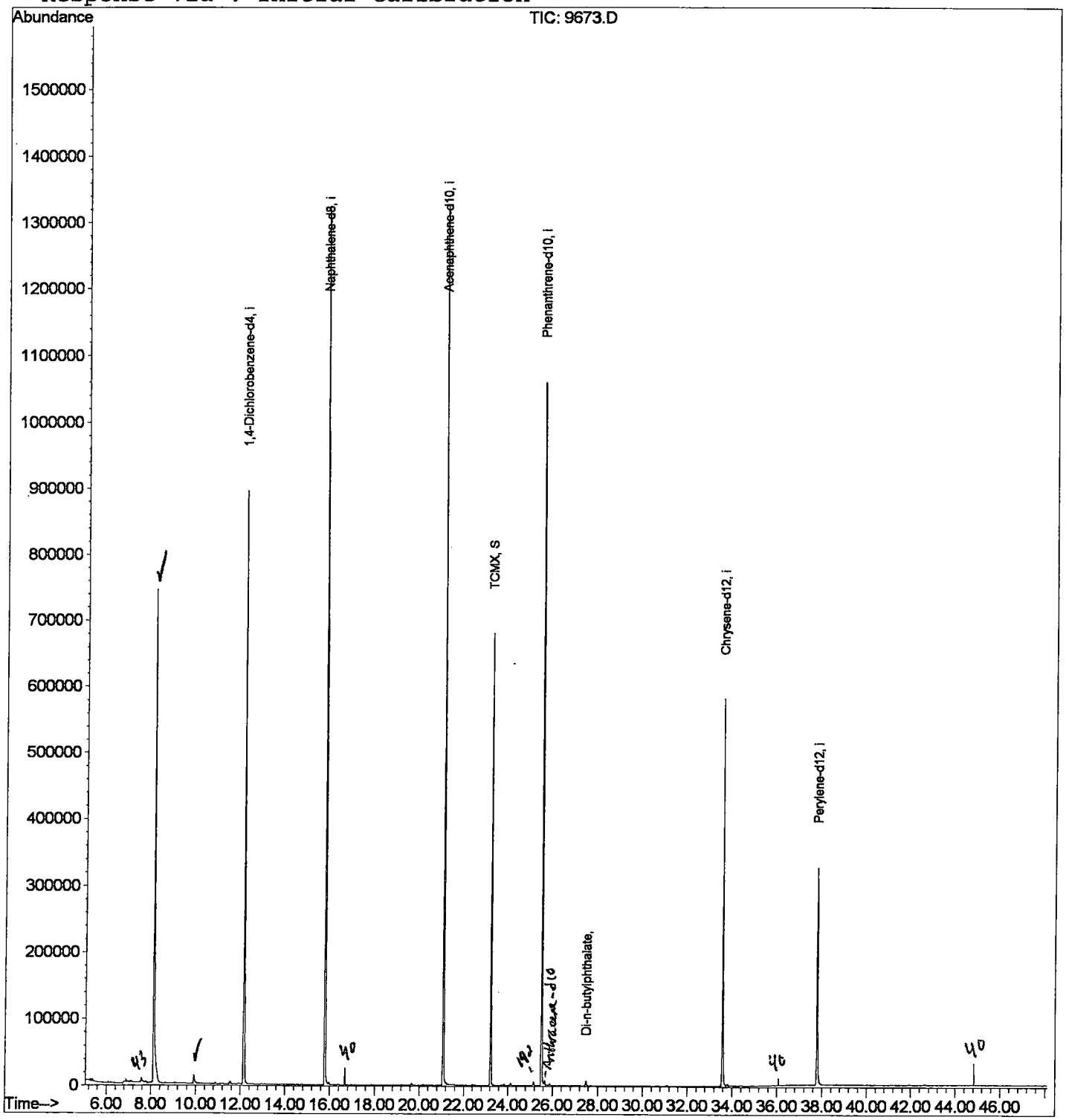
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.51	178	181	N.D.	
36)	Di-n-butylphthalate	27.50	149	8514	0.32 ug/l #	94
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.58	228	1002	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.80	149	1262	N.D.	
43)	Chrysene	33.65	228	301	N.D.	
45)	Di-n-Octylphthalate	35.55	149	103	N.D.	
46)	Benzo(b)fluoranthene	36.63	252	455	N.D.	
47)	Benzo(k)fluoranthene	36.69	252	1262	N.D.	
48)	Benzo(a)pyrene	37.78	252	943	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9673.D Vial: 11
Acq On : 20 May 2002 5:01 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:27 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9673.D Vial: 11
Acq On : 20 May 2002 5:01 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

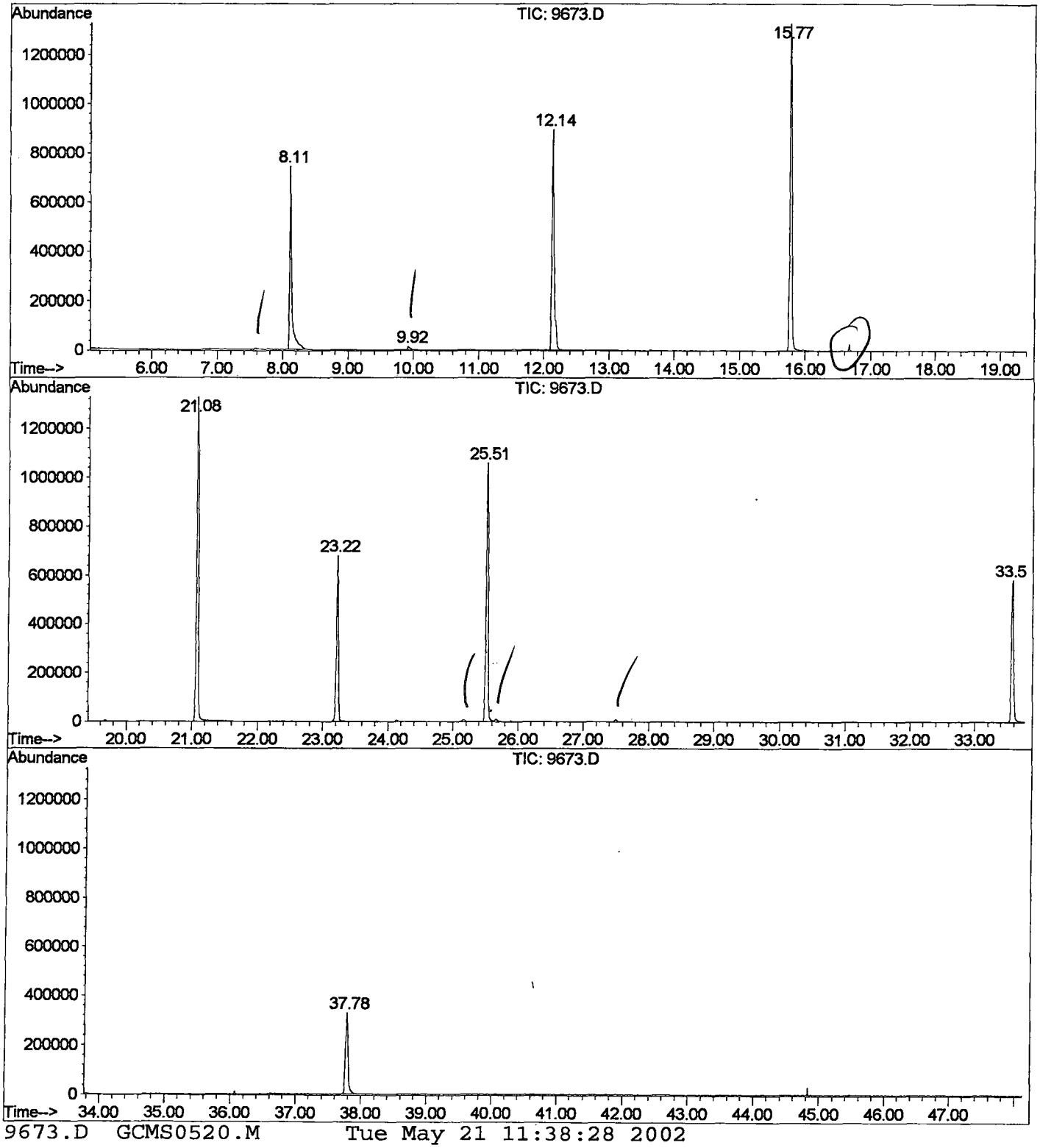
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.113	331	335	366	rVB	742577	1693547	61.55%	11.162%
2	9.918	529	532	546	rBV	12923	37988	1.38%	0.250%
3	12.145	769	775	793	rBV	894503	2135848	77.63%	14.077%
4	15.773	1165	1171	1187	rBV	1324143	2751417	100.00%	18.134%
5	21.079	1744	1750	1766	rBV	1326811	2694963	97.95%	17.762%
6	23.223	1976	1984	1995	rBV	680528	1349928	49.06%	8.897%
7	25.514	2228	2234	2246	rBV2	1058878	2283501	82.99%	15.050%
8	33.578	3107	3114	3130	rBV	582128	1320527	47.99%	8.703%
9	37.784	3564	3573	3585	rBV2	325379	904843	32.89%	5.964%

Sum of corrected areas: 15172562

9673.D GCMS0520.M Tue May 21 11:38:27 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2002\9673.D
Operator :
Acquired : 20 May 2002 5:01 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACTED 5/9
Misc Info :
Vial Number: 11
Quant File :GCMS0520.RES (RTE Integrator)



9673.D GCMS0520.M Tue May 21 11:38:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9673.D Vial: 11
Acq On : 20 May 2002 5:01 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

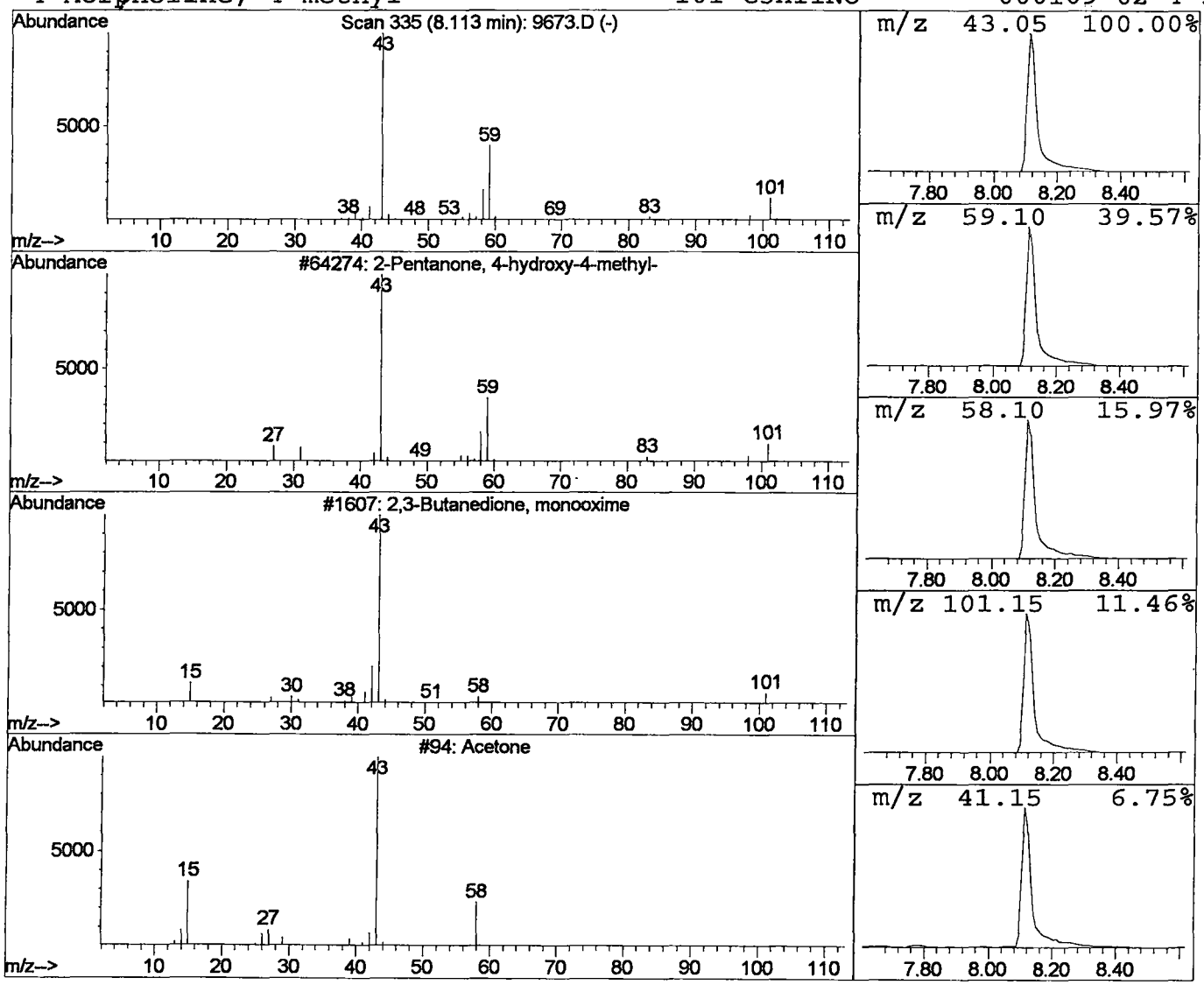
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	31.72 ug/l	1693550	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
3	Acetone	58	C3H6O	000067-64-1	7
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9673.D Vial: 11
Acq On : 20 May 2002 5:01 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

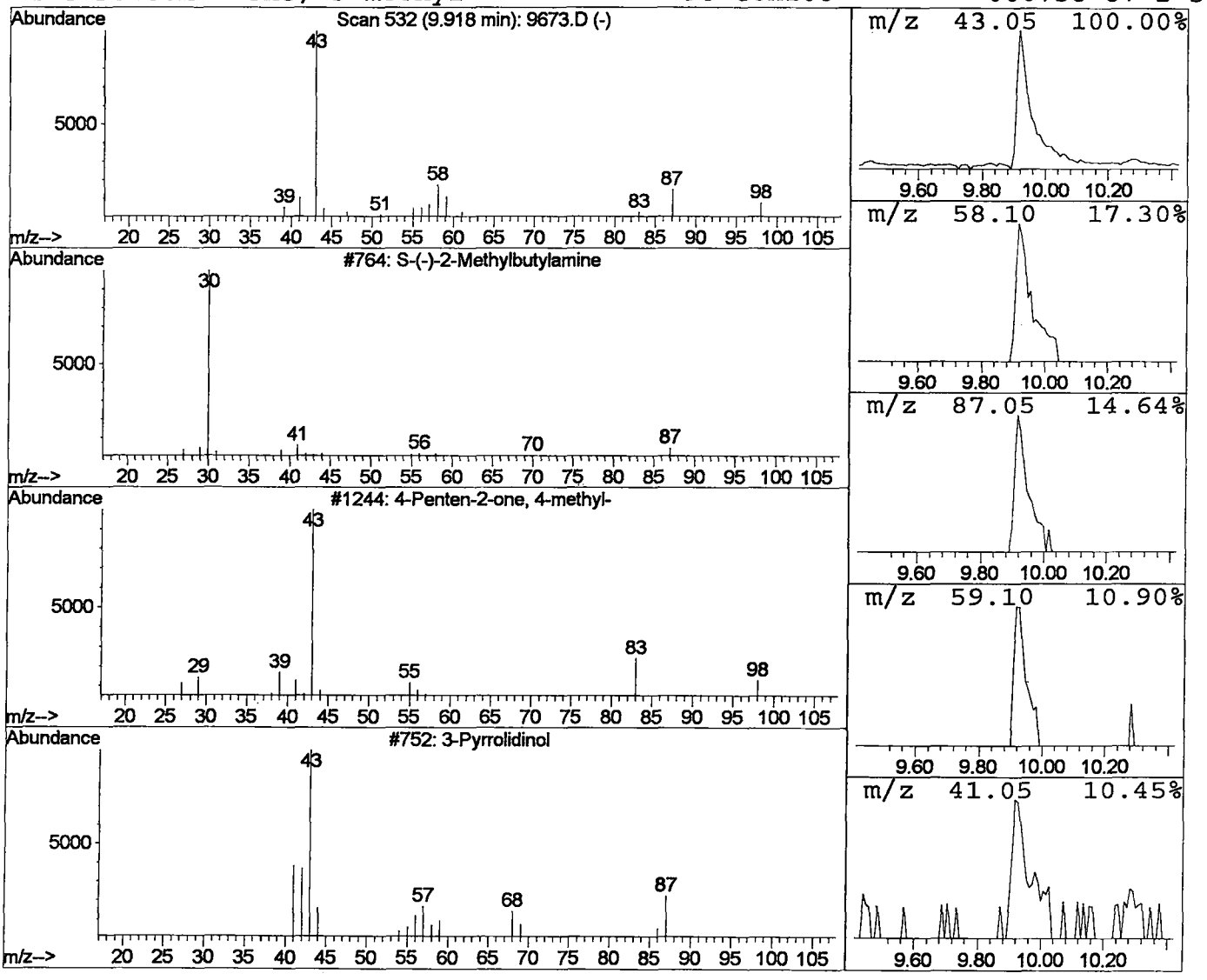
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 S-(-)-2-Methylbutylamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	0.71 ug/l	37988	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	7
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	5
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 May 2002 5:01 pm
Data File: C:\HPCHEM\1\DATA\MAY2002\9673.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	31.7	ug/l	1693550	ISTD01	12.14	2135850	40.0
S-(-)-2-Methylbutyla	9.92	0.7	ug/l	37988	ISTD01	12.14	2135850	40.0

9673.D GCMS0520.M Tue May 21 11:38:30 2002