User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 15:24:57

Sample: AE10062
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/23/02 15:23 Ended: 5/23/02 15:23 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		10.0

Comments for Sample AE10062 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-23-2002 Time: 15:25:22

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\10062.D Vial: 13
Acq On : 20 May 2002 6:58 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:30 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	359249	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1412569	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	669247	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	882803	40.00	ug/l	-0.02
38) Chrysene-d12	33.57	240	480010	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	296514	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	129625	38.54	ug/L	0.00
Spiked Amount 40.000			Recovery = 96.35%			
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	15.83	128	310	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	0.00	149	0	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	456	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.22	168	322	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.52	178	190	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 20 May 2002 6:58 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:30 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

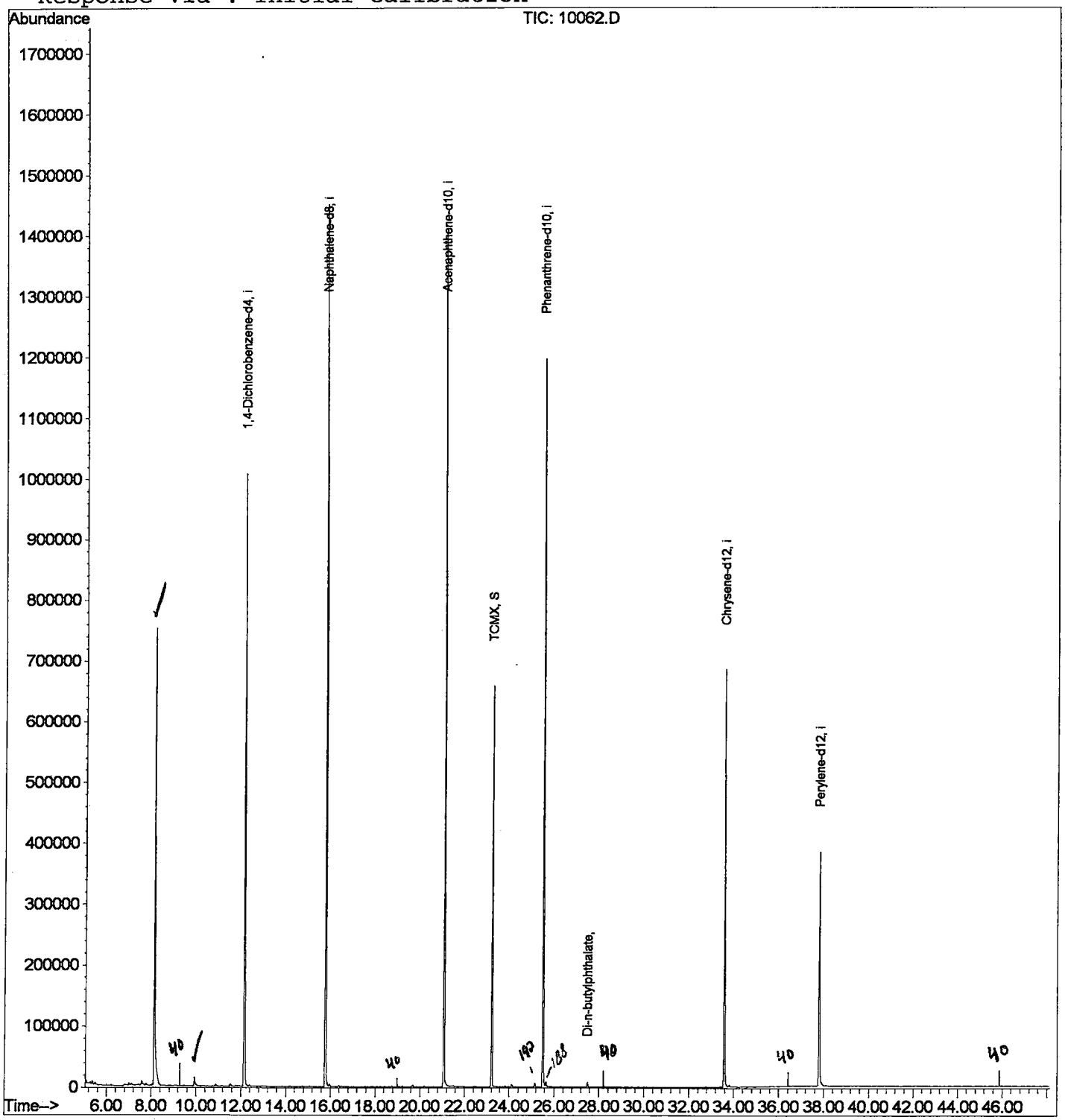
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.52	178	190	N.D.	
36)	Di-n-butylphthalate	27.50	149	7632	0.26 ug/l #	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.57	228	1099	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.80	149	1816	N.D.	
43)	Chrysene	33.57	228	1099	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.63	252	186	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.79	252	1158	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\10062.D Vial: 13
Acq On : 20 May 2002 6:58 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:30 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\10062.D Vial: 13
Acq On : 20 May 2002 6:58 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

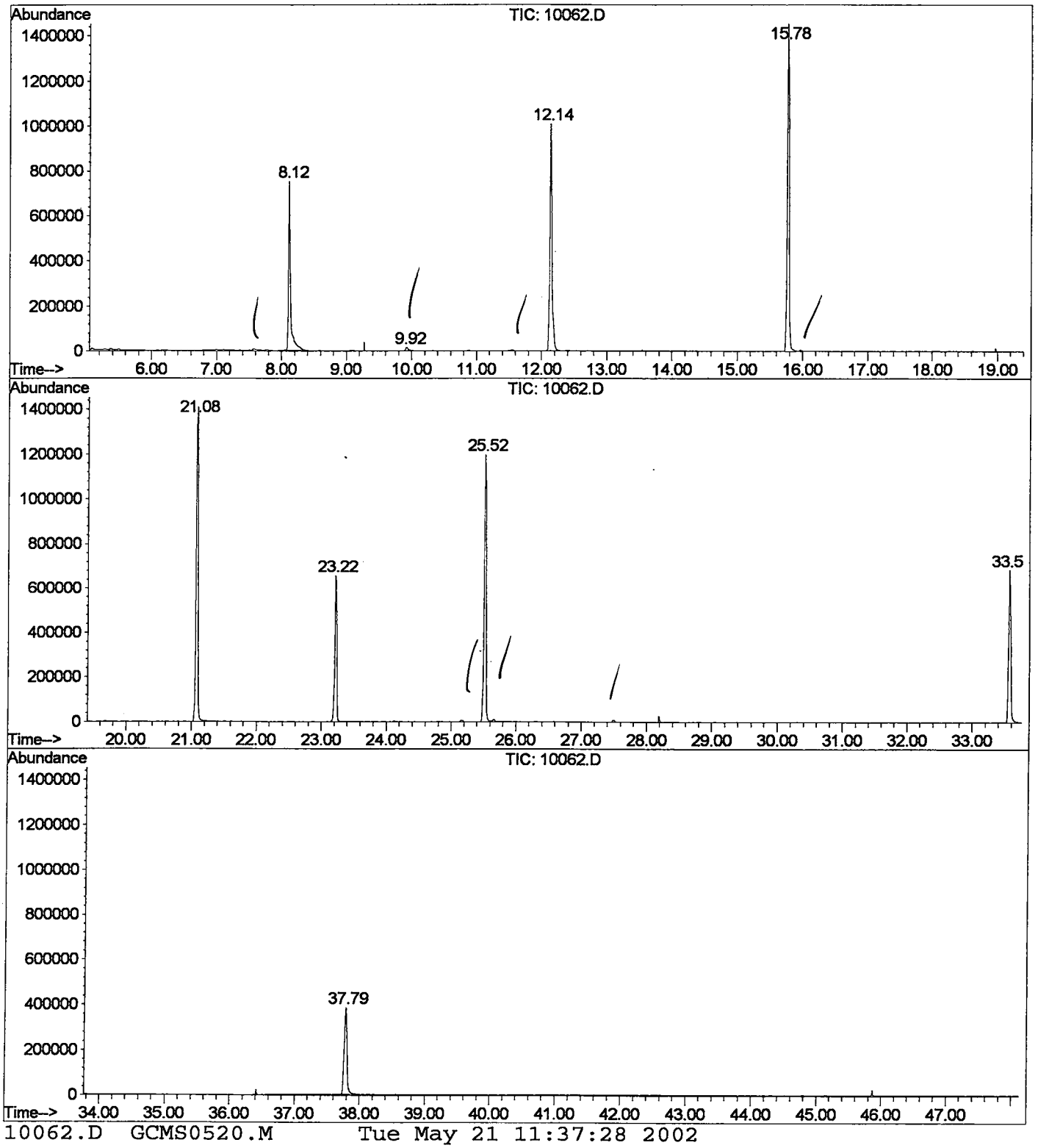
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.116	332	336	362	rBV	750245	1670974	56.83%	10.205%
2	9.921	529	533	544	rVB	13484	35795	1.22%	0.219%
3	12.139	770	775	787	rBV	1006547	2280691	77.56%	13.929%
4	15.777	1166	1172	1187	rBV	1451058	2940470	100.00%	17.959%
5	21.083	1744	1751	1764	rBV	1409822	2884721	98.10%	17.618%
6	23.218	1975	1984	1994	rBV	657681	1374871	46.76%	8.397%
7	25.518	2228	2235	2245	rBV2	1196643	2511014	85.39%	15.336%
8	33.573	3108	3114	3131	rBV2	684985	1547327	52.62%	9.450%
9	37.788	3566	3574	3588	rBV2	382501	1127769	38.35%	6.888%

Sum of corrected areas: 16373632

10062.D GCMS0520.M Tue May 21 11:37:28 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2002\10062.D
Operator :
Acquired : 20 May 2002 6:58 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACTED 5/9
Misc Info :
Vial Number: 13
Quant File :GCMS0520.RES (RTE Integrator)



10062.D GCMS0520.M Tue May 21 11:37:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\10062.D Vial: 13
Acq On : 20 May 2002 6:58 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

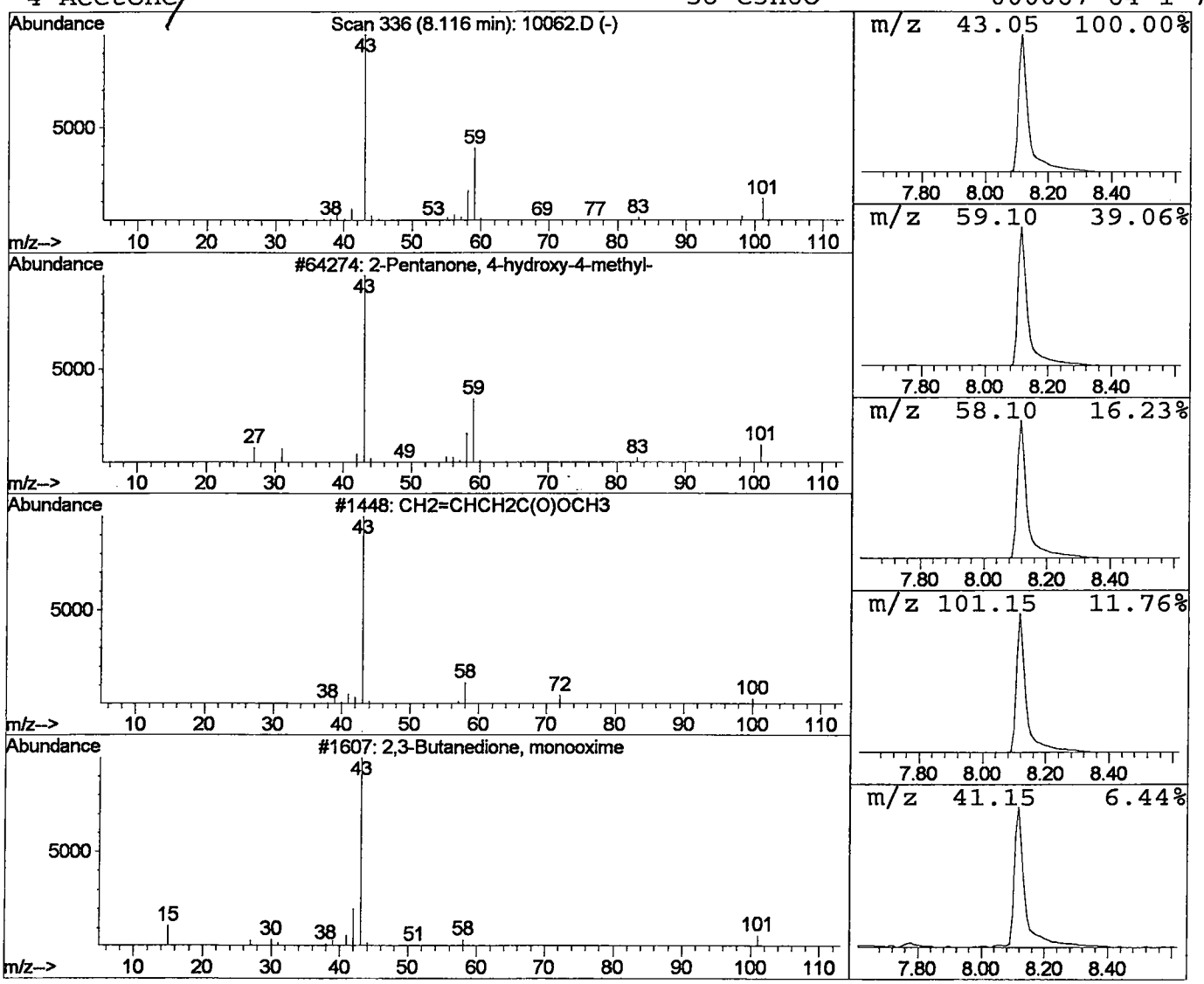
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	29.31 ug/l	1670970	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	78
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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\10062.D Vial: 13
Acq On : 20 May 2002 6:58 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

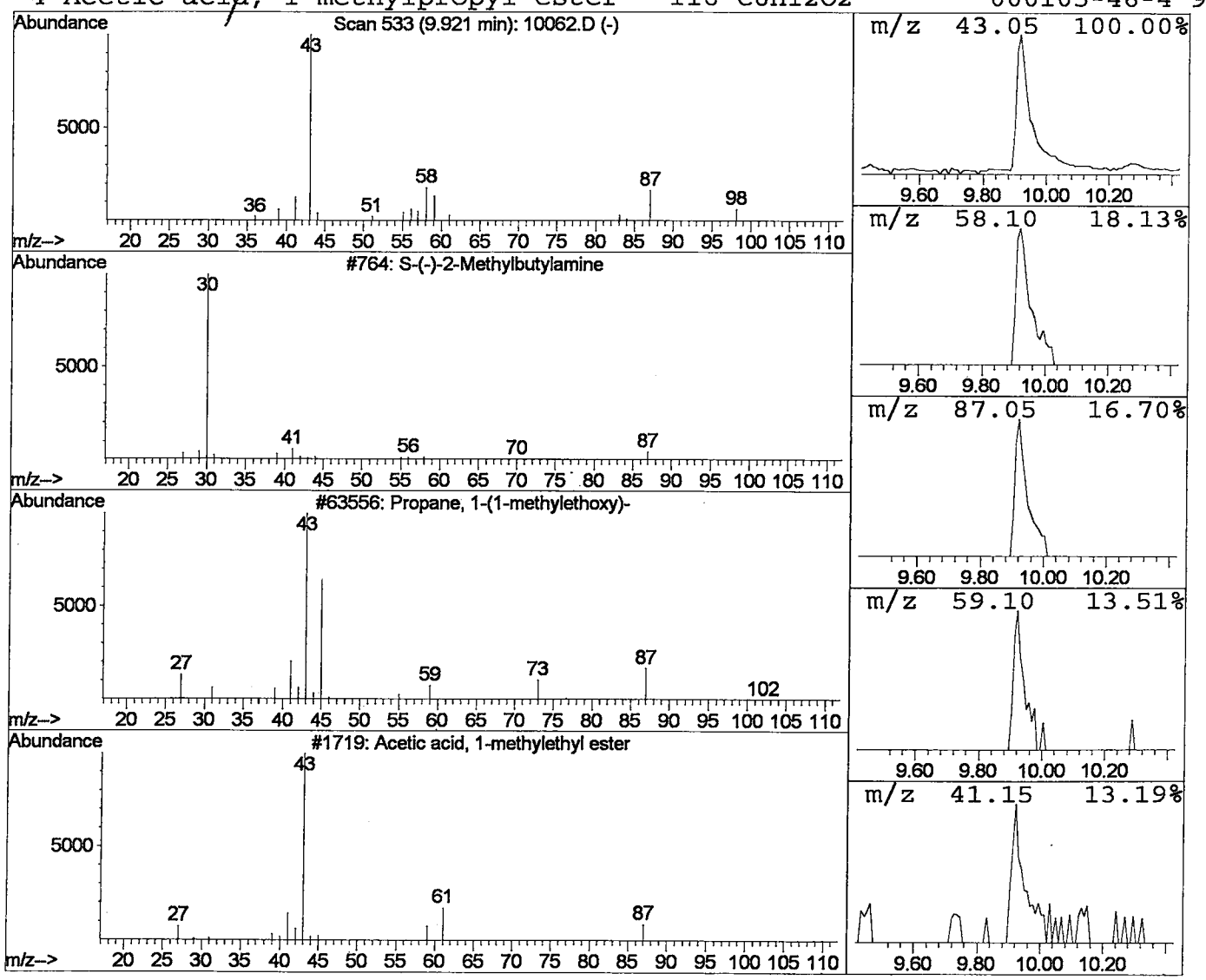
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	0.63 ug/l	35795	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	9
2	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	9
3	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	9
4	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 May 2002 6:58 pm
Data File: C:\HPCHEM\1\DATA\MAY2002\10062.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	8.12	29.3	ug/l	1670970	ISTD01	12.14	2280690	40.0
S-(-)-2-Methylbutyla	9.92	0.6	ug/l	35795	ISTD01	12.14	2280690	40.0

10062.D GCMS0520.M Tue May 21 11:37:31 2002