User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 11:33:12

Sample: AE10892
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 11:32 Ended: 5/21/02 11:32 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		10.0

Comments for Sample AE10892 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 11:33:17

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\MAY1502\10892.D Vial: 10
Acq On : 15 May 2002 10:52 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:18 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	367035	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	1450127	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	682726	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.53	188	980978	40.00	ug/l	-0.04
38) Chrysene-d12	33.61	240	632265	40.00	ug/l	-0.03
44) Perylene-d12	37.83	264	377186	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.23	209	134411	39.58	ug/L	-0.04
Spiked Amount 40.000			Recovery = 98.95%			
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	15.85	128	195	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.		
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	22.58	149	212	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.24	168	238	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.60	178	211	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1502\10892.D Vial: 10
Acq On : 15 May 2002 10:52 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:18 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

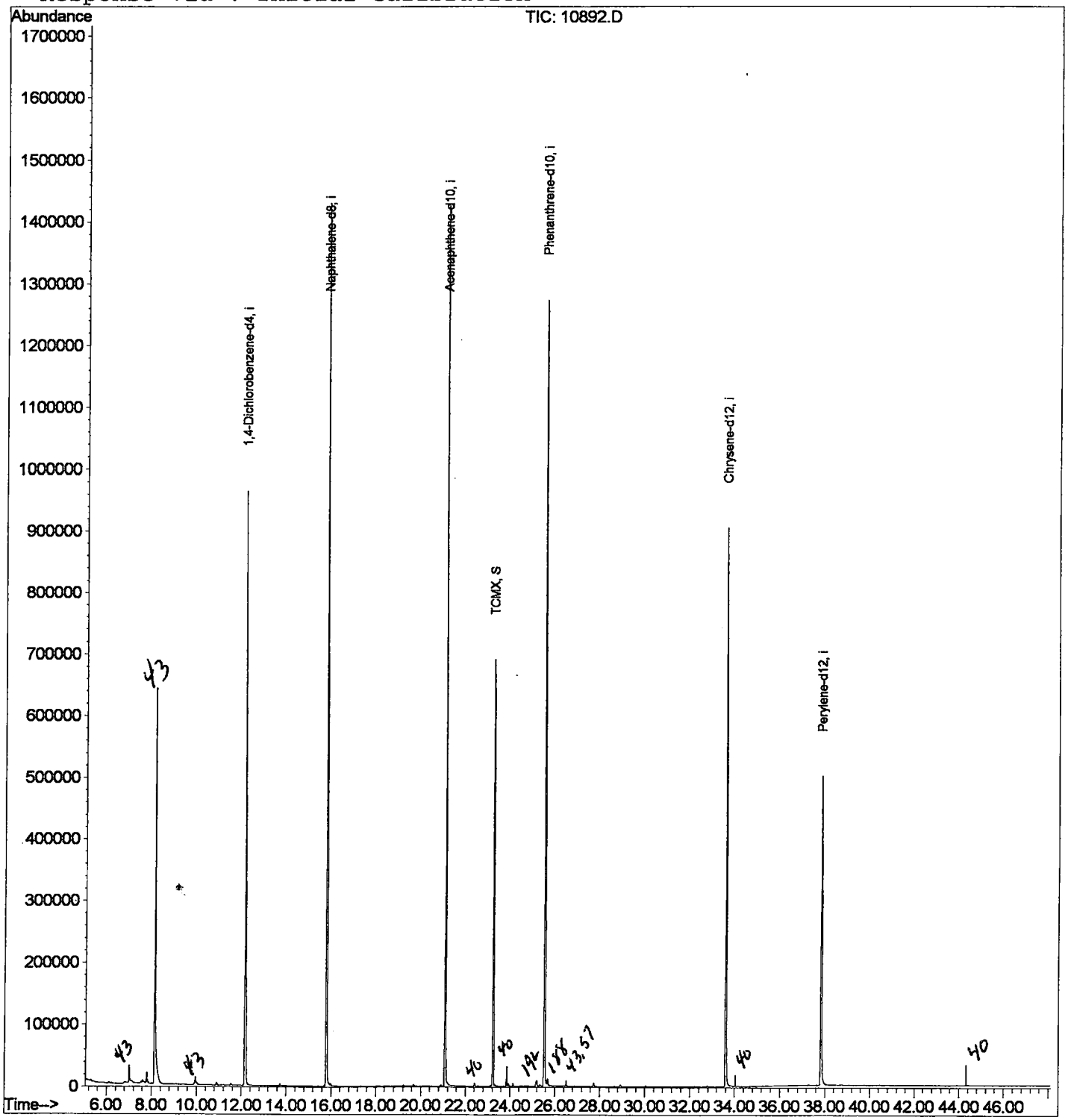
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.60	178	211	N.D.	
36)	Di-n-butylphthalate	27.52	149	816	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.61	228	1482	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	727	N.D.	
43)	Chrysene	33.61	228	1482	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	37.83	252	1453	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\MAY1502\10892.D Vial: 10
Acq On : 15 May 2002 10:52 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:18 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10892.D Vial: 10
Acq On : 15 May 2002 10:52 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

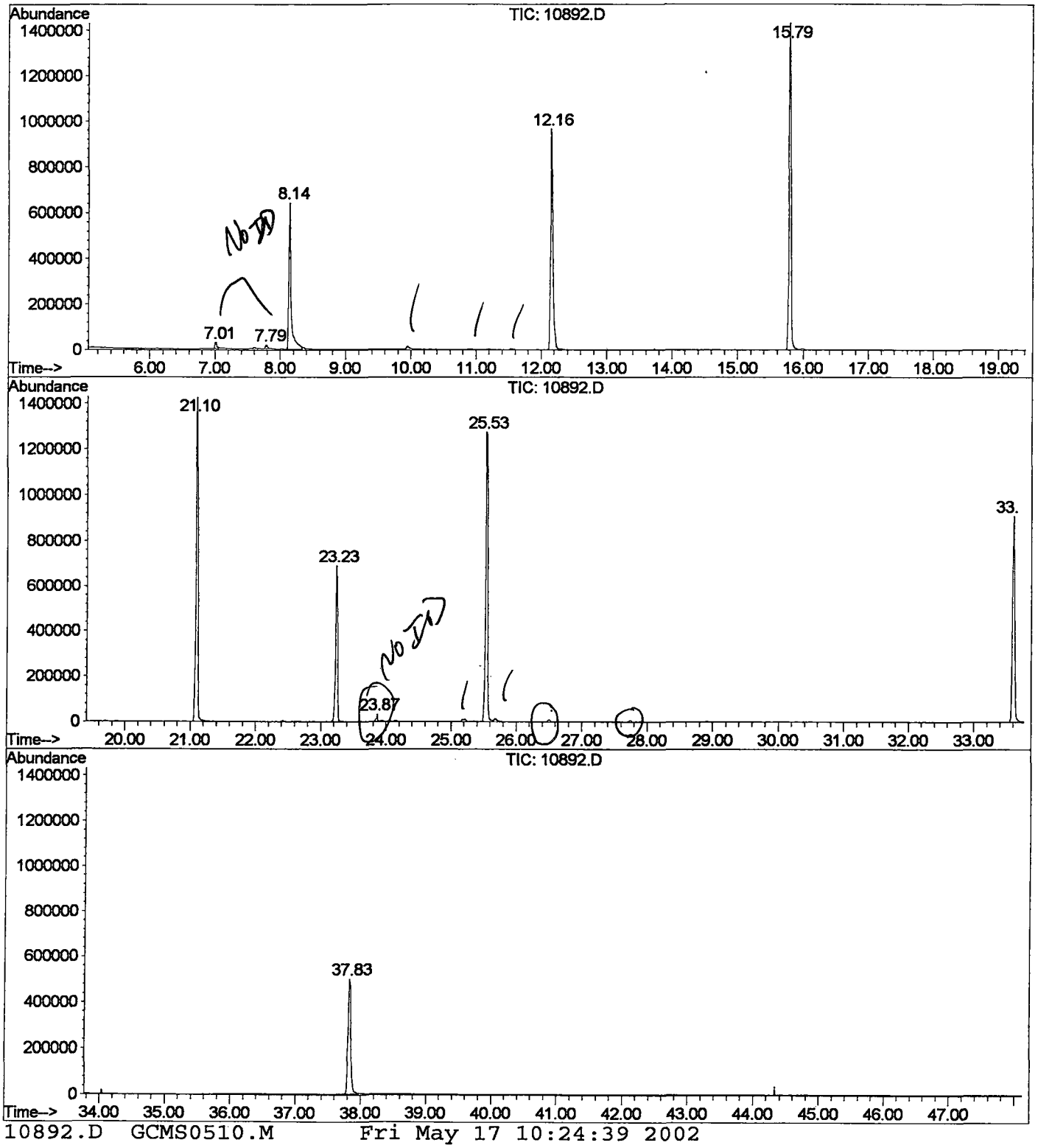
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.015	211	215	219	rBV	27902	56362	1.86%	0.318%
2	7.794	295	300	304	rBV	17681	37505	1.24%	0.212%
3	8.142	334	338	359	rBV	639596	1505005	49.62%	8.493%
4	12.156	771	776	788	rBV	963997	2339090	77.11%	13.200%
5	15.794	1167	1173	1189	rBV	1429392	3033347	100.00%	17.117%
6	21.099	1745	1752	1770	rBV	1426199	2982430	98.32%	16.830%
7	23.234	1977	1985	1994	rBV	690216	1428217	47.08%	8.060%
8	23.867	2048	2054	2056	rBV	32149	34906	1.15%	0.197%
9	25.534	2230	2236	2248	rBV2	1273644	2817249	92.88%	15.898%
10	33.608	3110	3117	3131	rBV2	905901	2048268	67.53%	11.559%
11	37.832	3569	3578	3593	rBV2	499120	1438446	47.42%	8.117%

Sum of corrected areas: 17720825

10892.D GCMS0510.M Fri May 17 10:24:39 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1502\10892.D
Operator :
Acquired : 15 May 2002 10:52 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/10
Misc Info :
Vial Number: 10
Quant File :GCMS0510.RES (RTE Integrator)



10892.D GCMS0510.M Fri May 17 10:24:39 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10892.D Vial: 10
Acq On : 15 May 2002 10:52 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

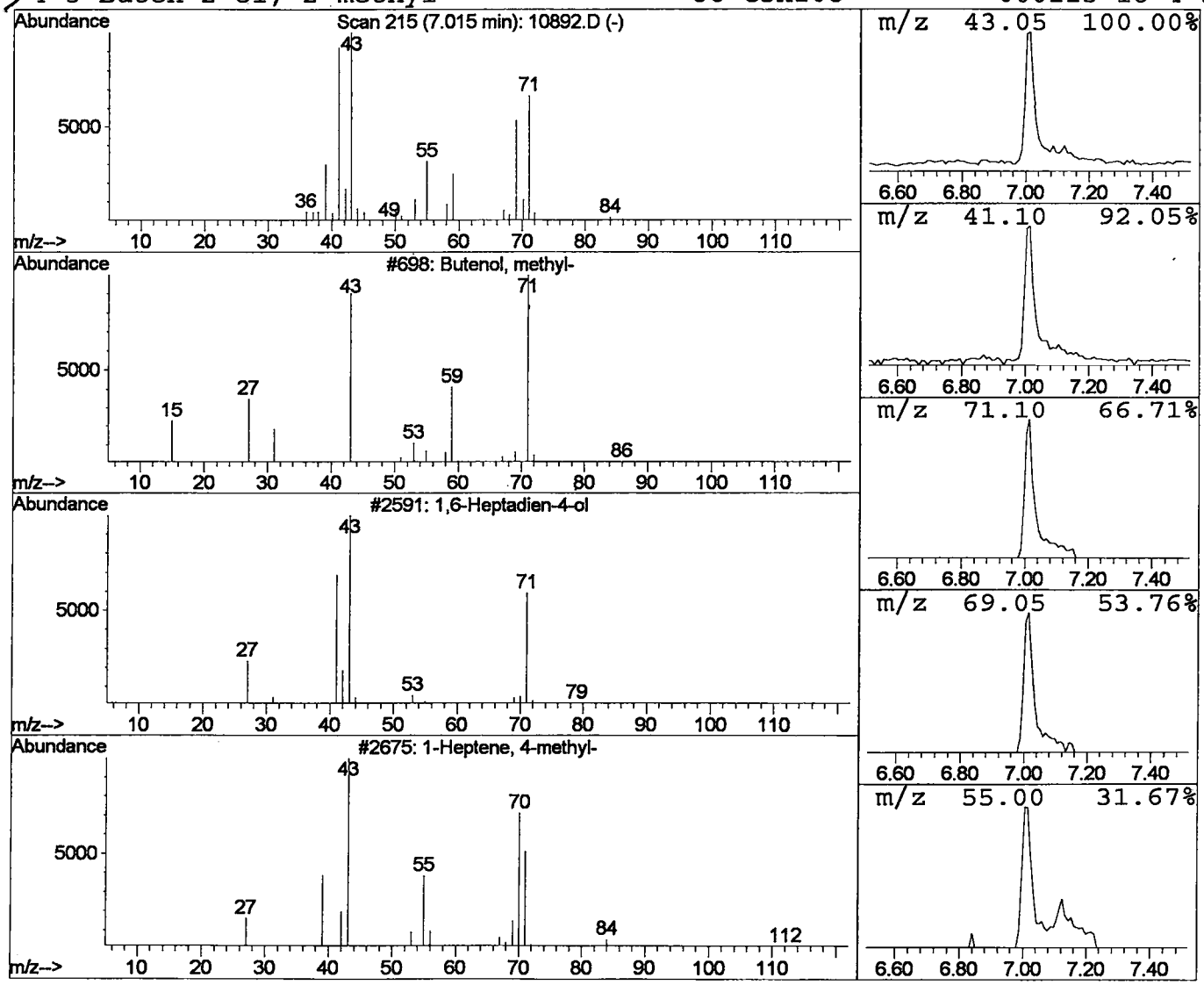
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butenol, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	0.96 ug/l	56362	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butenol, methyl-	86	C5H10O	060766-00-9	47
2	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	42
3	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	38
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	38



Data File : C:\HPCHEM\1\DATA\MAY1502\10892.D Vial: 10
Acq On : 15 May 2002 10:52 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

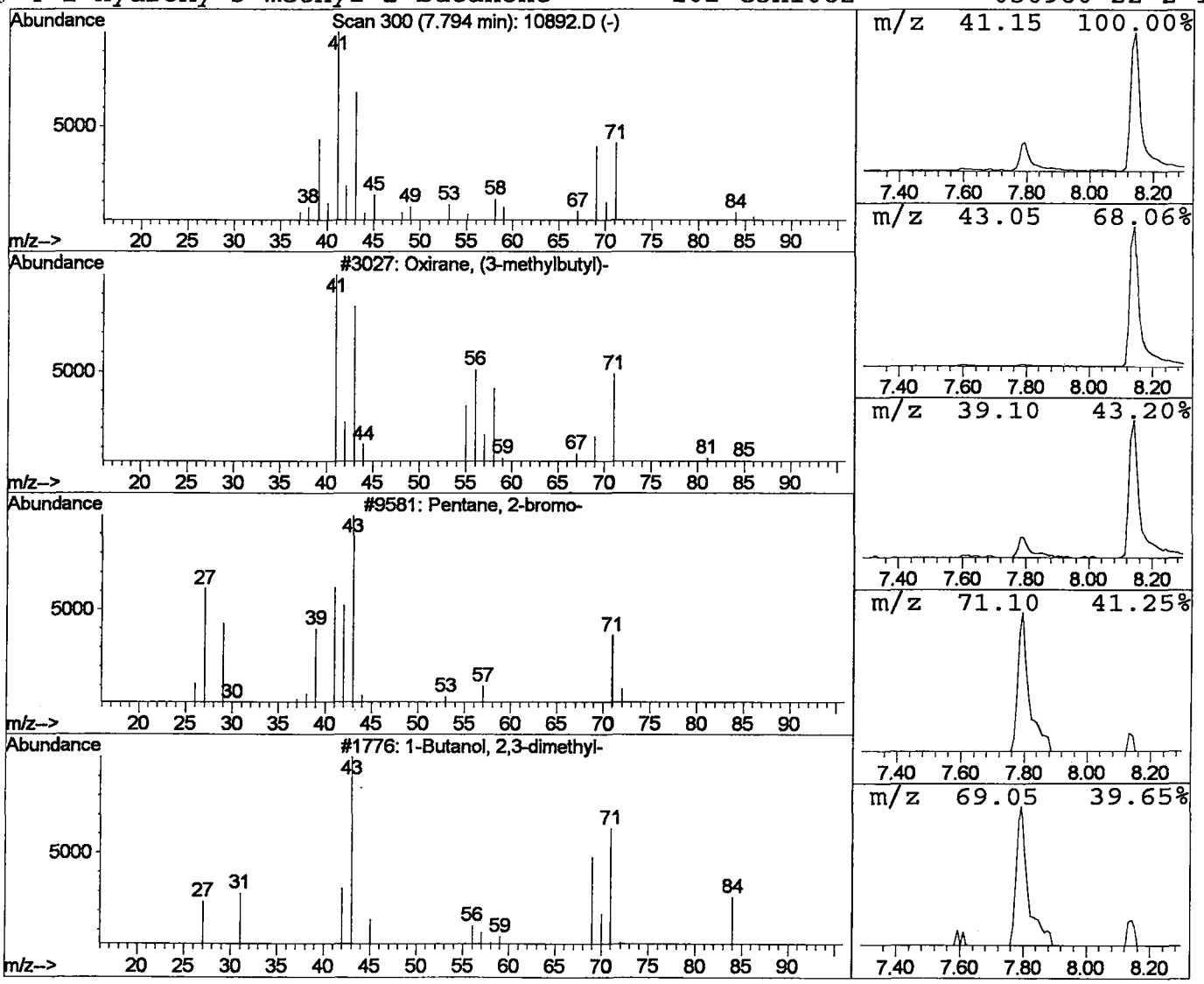
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Oxirane, (3-methylbutyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	0.64 ug/l	37505	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, (3-methylbutyl)-	114	C7H14O	053229-41-7	25
2	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	25
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	23
4	1-Hydroxy-3-methyl-2-butanone	102	C5H10O2	036960-22-2	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10892.D Vial: 10
Acq On : 15 May 2002 10:52 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

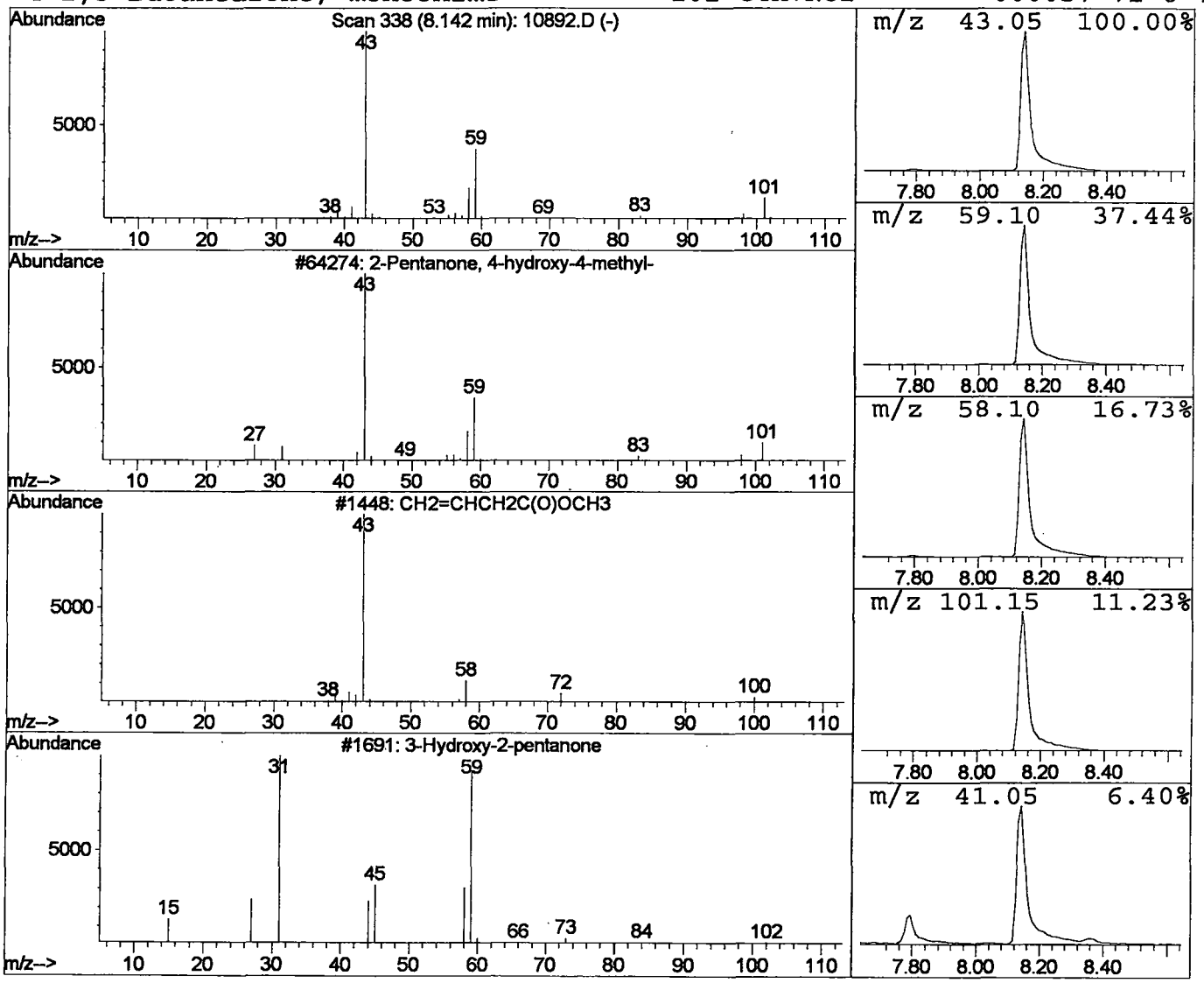
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	25.74 ug/l	1505010	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	7
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10892.D Vial: 10
Acq On : 15 May 2002 10:52 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

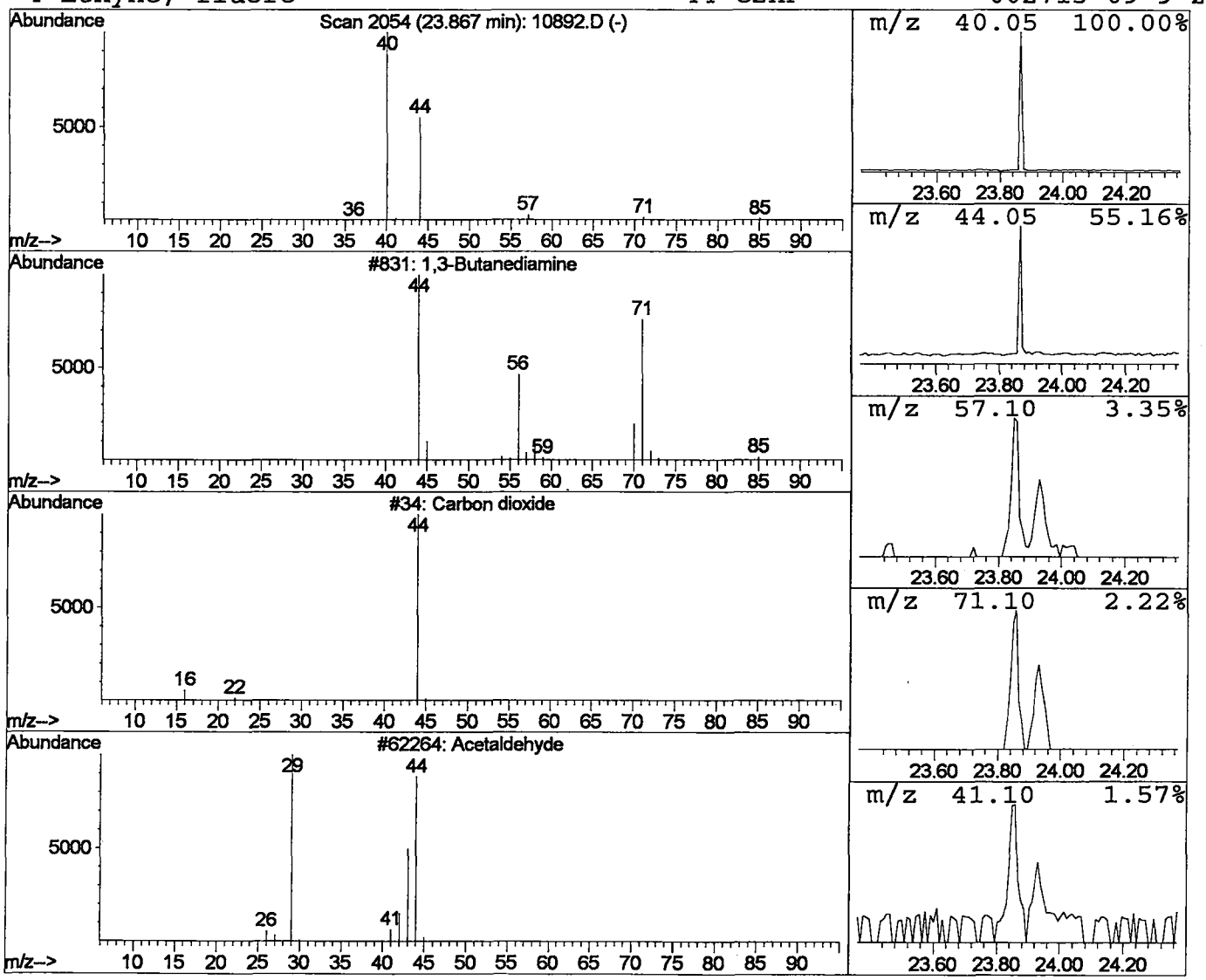
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,3-Butanediamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	0.50 ug/l	34906	Phenanthrene-d10	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butanediamine	88	C4H12N2	000590-88-5	2
2	Carbon dioxide	44	CO2	000124-38-9	2
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Ethyne, fluoro-	44	C2HF	002713-09-9	2



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 May 2002 10:52 pm
Data File: C:\HPCHEM\1\DATA\MAY1502\10892.D
Name: GC/MS SCAN 5/10
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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
Butenol, methyl-	7.01	1.0	ug/l	56362	ISTD01	12.16	2339090	40.0
Oxirane, (3-methylbu	7.79	0.6	ug/l	37505	ISTD01	12.16	2339090	40.0
2-Pentanone, 4-hydro	8.14	25.7	ug/l	1505010	ISTD01	12.16	2339090	40.0
1,3-Butanediamine	23.87	0.5	ug/l	34906	ISTD04	25.53	2817250	40.0

10892.D GCMS0510.M Fri May 17 10:24:43 2002