User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 14:17:22

Sample: AE10161
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 14:16 Ended: 5/10/02 14:16 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

Comments for Sample AE10161 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 14:17:57

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\MAY0602\10161.D Vial: 9
Acq On : 8 May 2002 1:40 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:53 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	460537	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1682001	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	921984	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1292504	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	737994	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	445787	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	38840	8.47	ug/L	0.00
Spiked Amount 10.000			Recovery = 84.70%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.24	146	182	N.D.		
5) 1,4-Dichlorobenzene	12.24	146	182	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-Nitroso-di-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	15.87	128	754	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	22.61	149	1537	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.64	178	336	N.D.		

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

Quantitation Report (QT Reviewed)

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Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

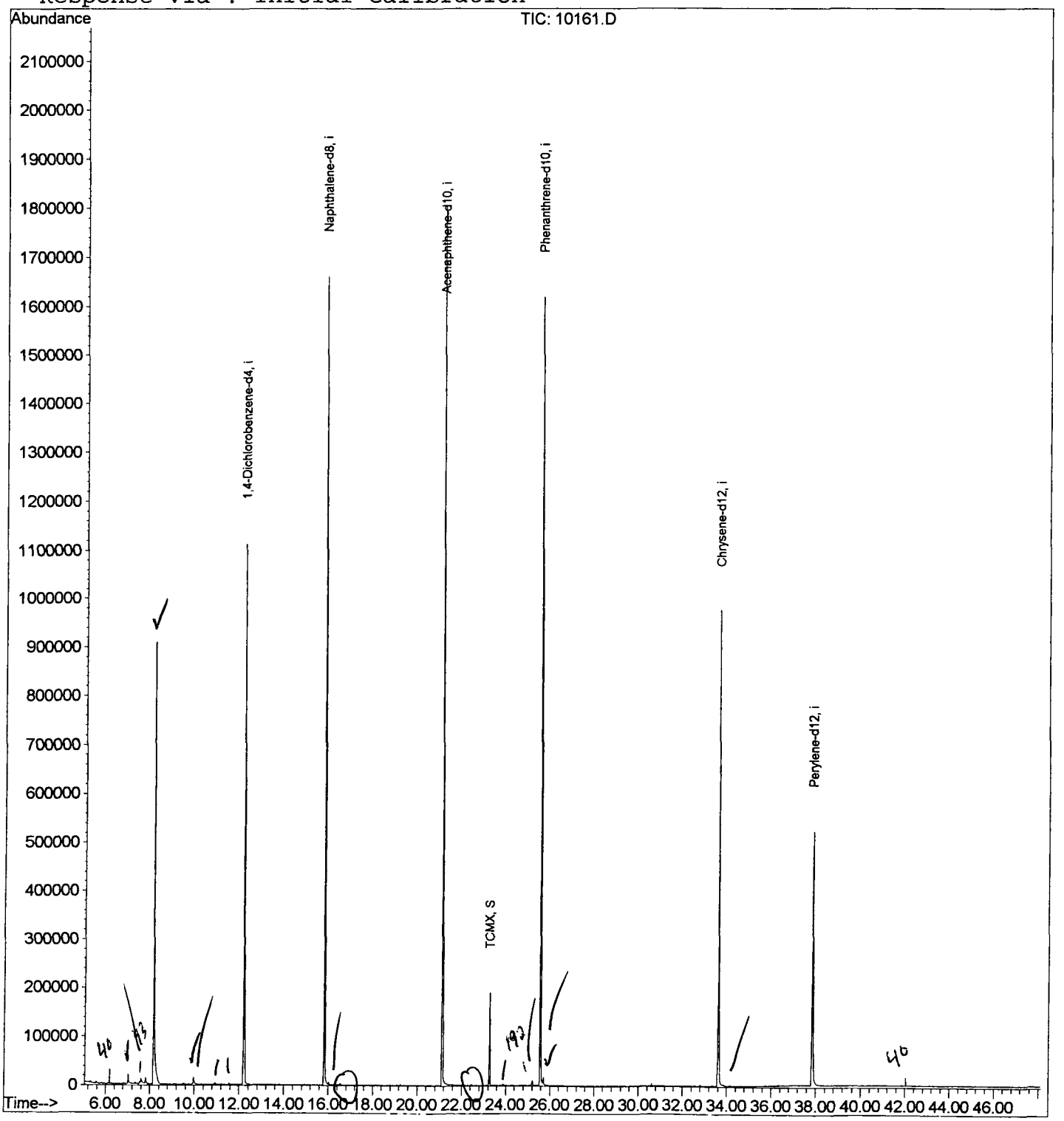
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.64	178	336	N.D.	
36)	Di-n-butylphthalate	27.55	149	1675	N.D.	
37)	Fluoranthene	29.26	202	1360	N.D.	
39)	Pyrene	29.94	202	1422	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.63	228	1886	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	1123	N.D.	
43)	Chrysene	33.71	228	506	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	37.87	252	1755	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\MAY0602\10161.D Vial: 9
Acq On : 8 May 2002 1:40 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:53 2002 Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10161.D Vial: 9
Acq On : 8 May 2002 1:40 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

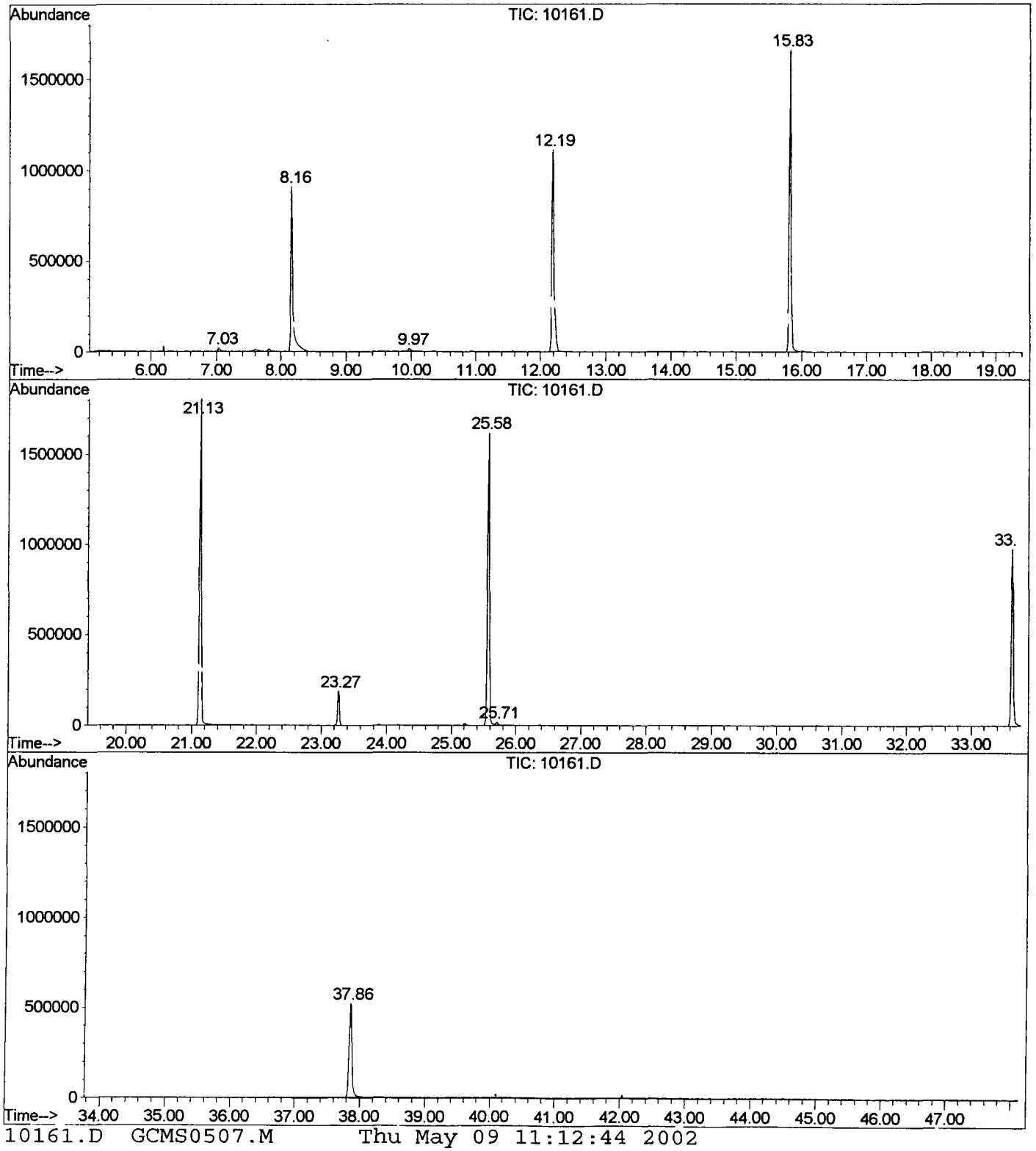
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.030	213	217	224	rBV	18956	40602	1.09%	0.209%
2	8.157	336	340	374	rVB	907860	2090089	56.36%	10.760%
3	9.972	534	538	549	rBV	14091	40534	1.09%	0.209%
4	12.189	775	780	797	rBV	1111195	2614428	70.50%	13.459%
5	15.827	1171	1177	1194	rBV	1659605	3323776	89.63%	17.111%
6	21.133	1749	1756	1768	rBV	1805324	3708324	100.00%	19.091%
7	23.268	1982	1989	1997	rVB	189319	371156	10.01%	1.911%
8	25.577	2234	2241	2251	rBV	1617644	3440809	92.79%	17.713%
9	25.715	2251	2256	2263	rVB	15026	37383	1.01%	0.192%
10	33.632	3113	3120	3138	rBV2	974897	2191153	59.09%	11.280%
11	37.856	3574	3581	3605	rBV2	519501	1566611	42.25%	8.065%

Sum of corrected areas: 19424865

10161.D GCMS0507.M Thu May 09 11:12:43 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\10161.D
Operator :
Acquired : 8 May 2002 1:40 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 4/29
Misc Info :
Vial Number: 9
Quant File :GCMS0507.RES (RTE Integrator)



10161.D GCMS0507.M Thu May 09 11:12:44 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10161.D
Acq On : 8 May 2002 1:40 am
Sample : GC/MS SCAN 4/29
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator:
Inst : 209
Multiplr: 1.00

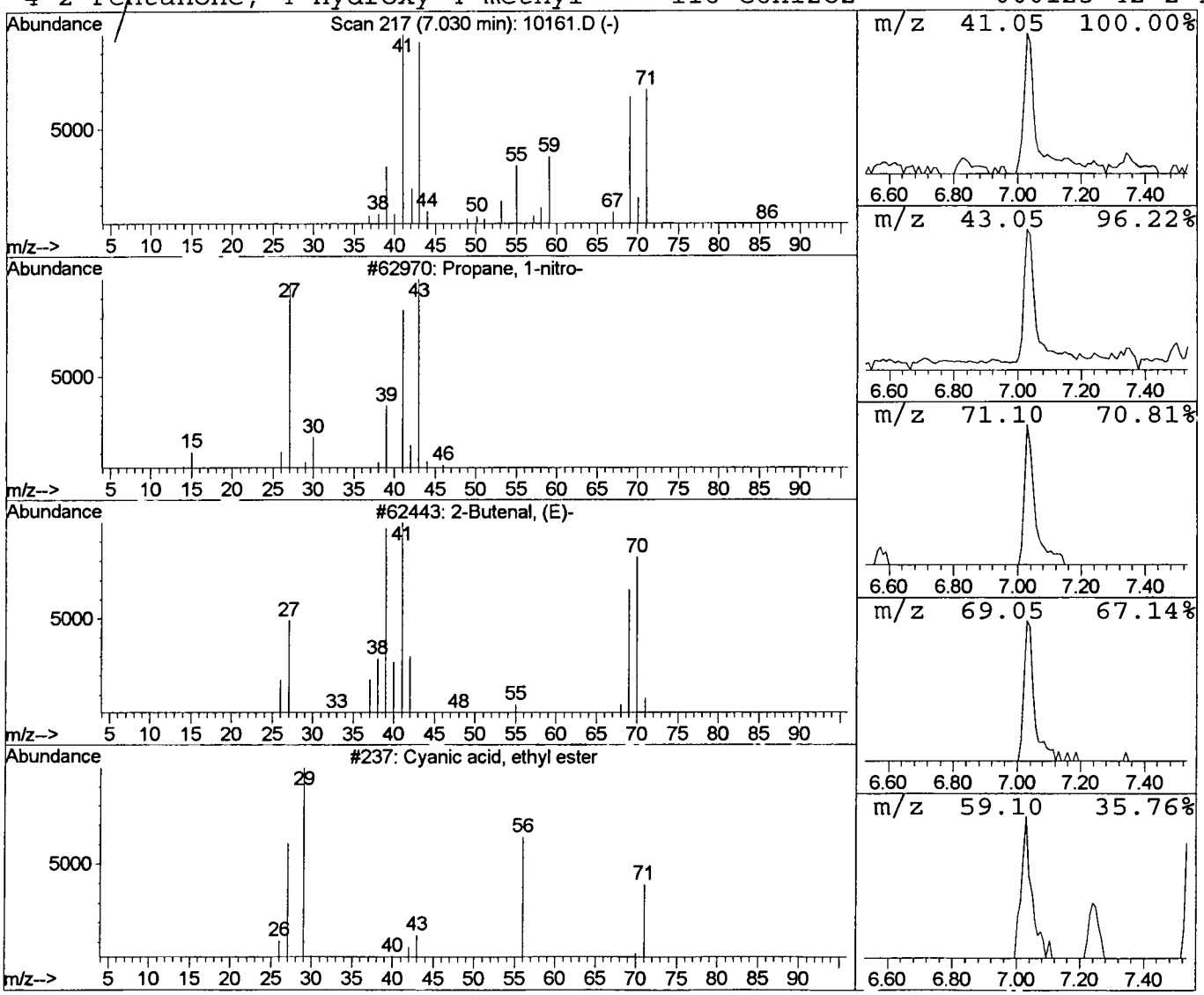
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propane, 1-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	0.62 ug/l	40602	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	12
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	9
3	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	9
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10161.D Vial: 9
Acq On : 8 May 2002 1:40 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

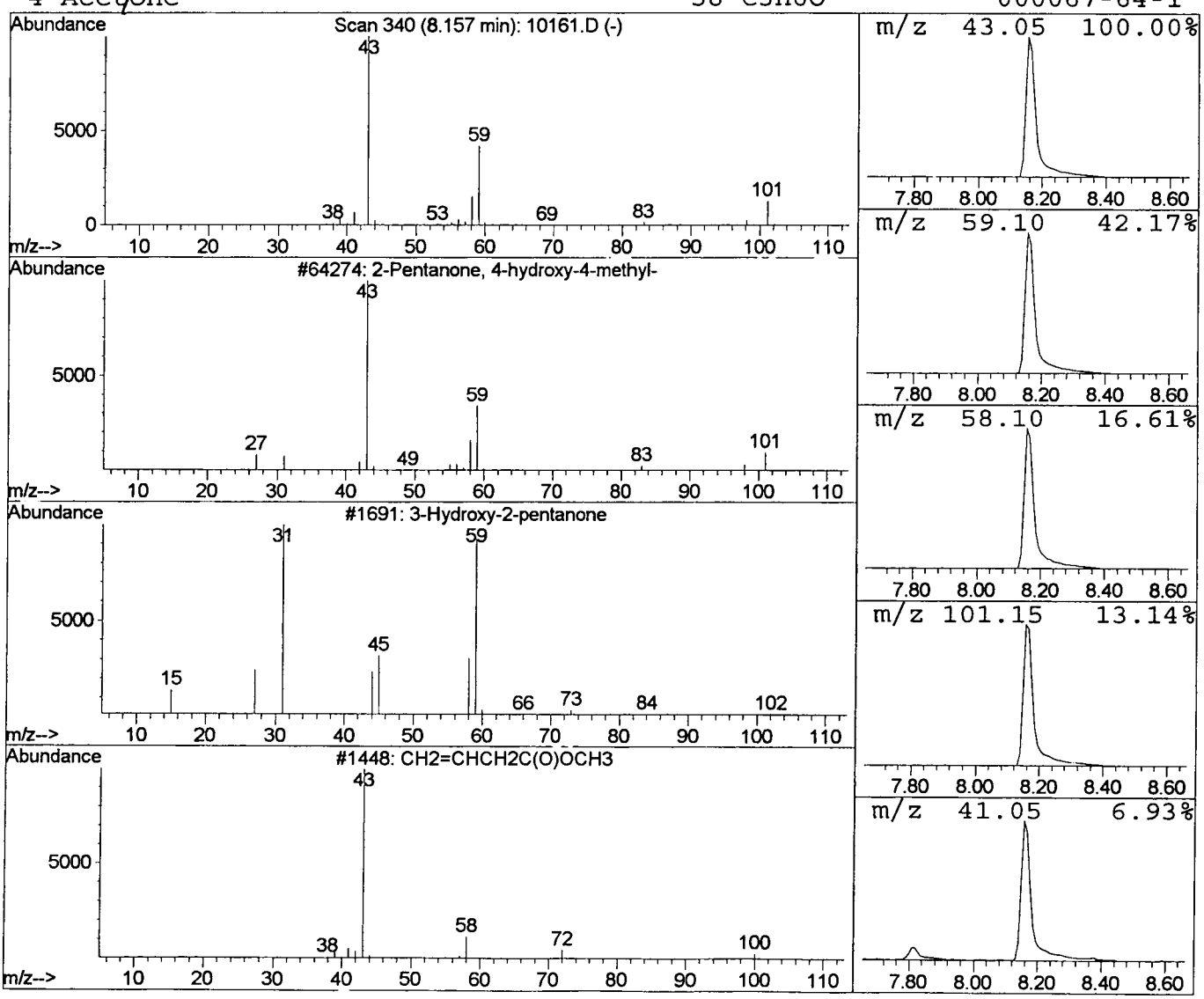
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	31.98 ug/l	2090090	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10161.D Vial: 9
Acq On : 8 May 2002 1:40 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

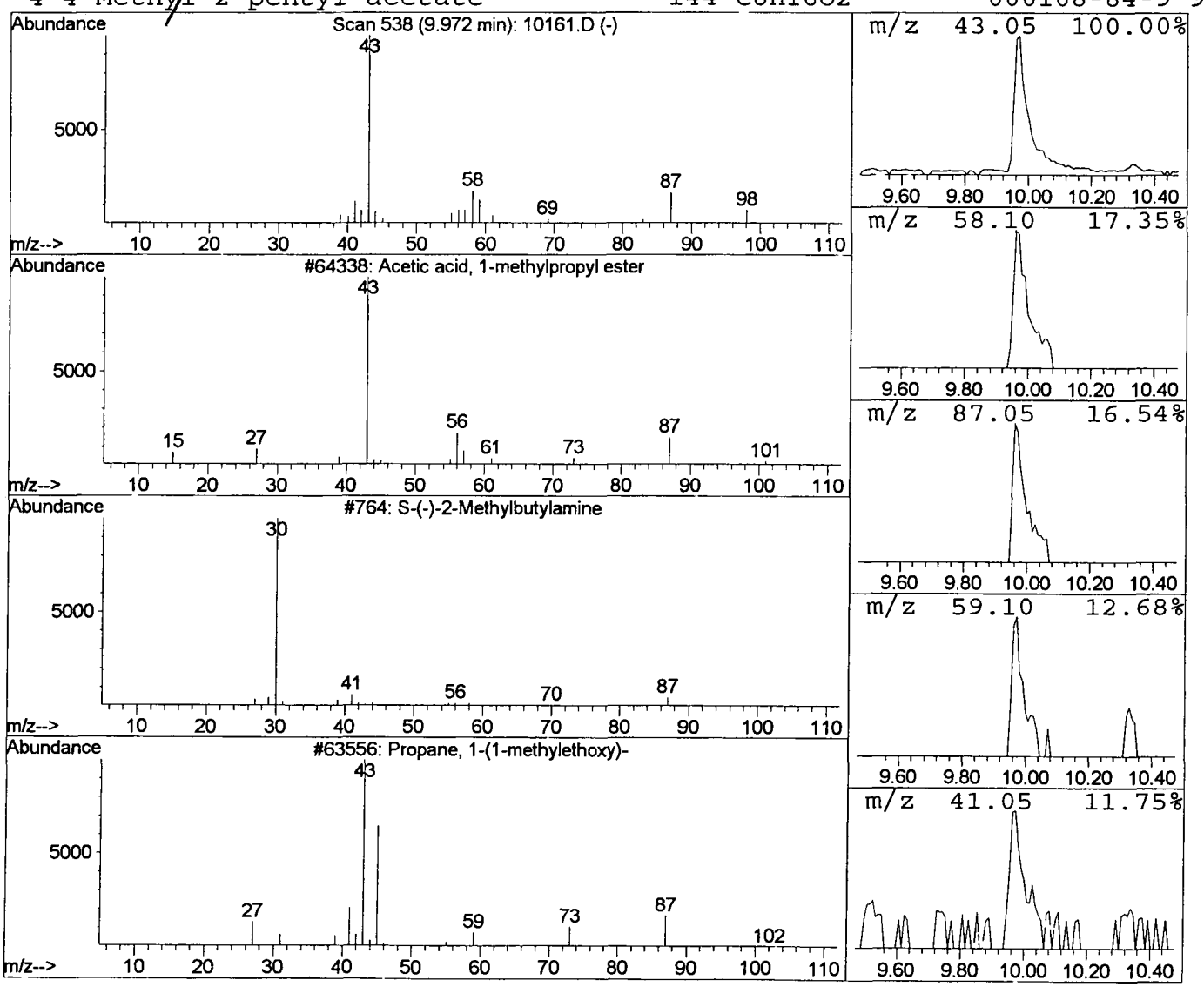
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Acetic acid, 1-methylpropyl es Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	0.62 ug/l	40534	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	28
2	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	9
3	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	9
4	4-Methyl-2-pentyl acetate	144	C8H16O2	000108-84-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10161.D Vial: 9
Acq On : 8 May 2002 1:40 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

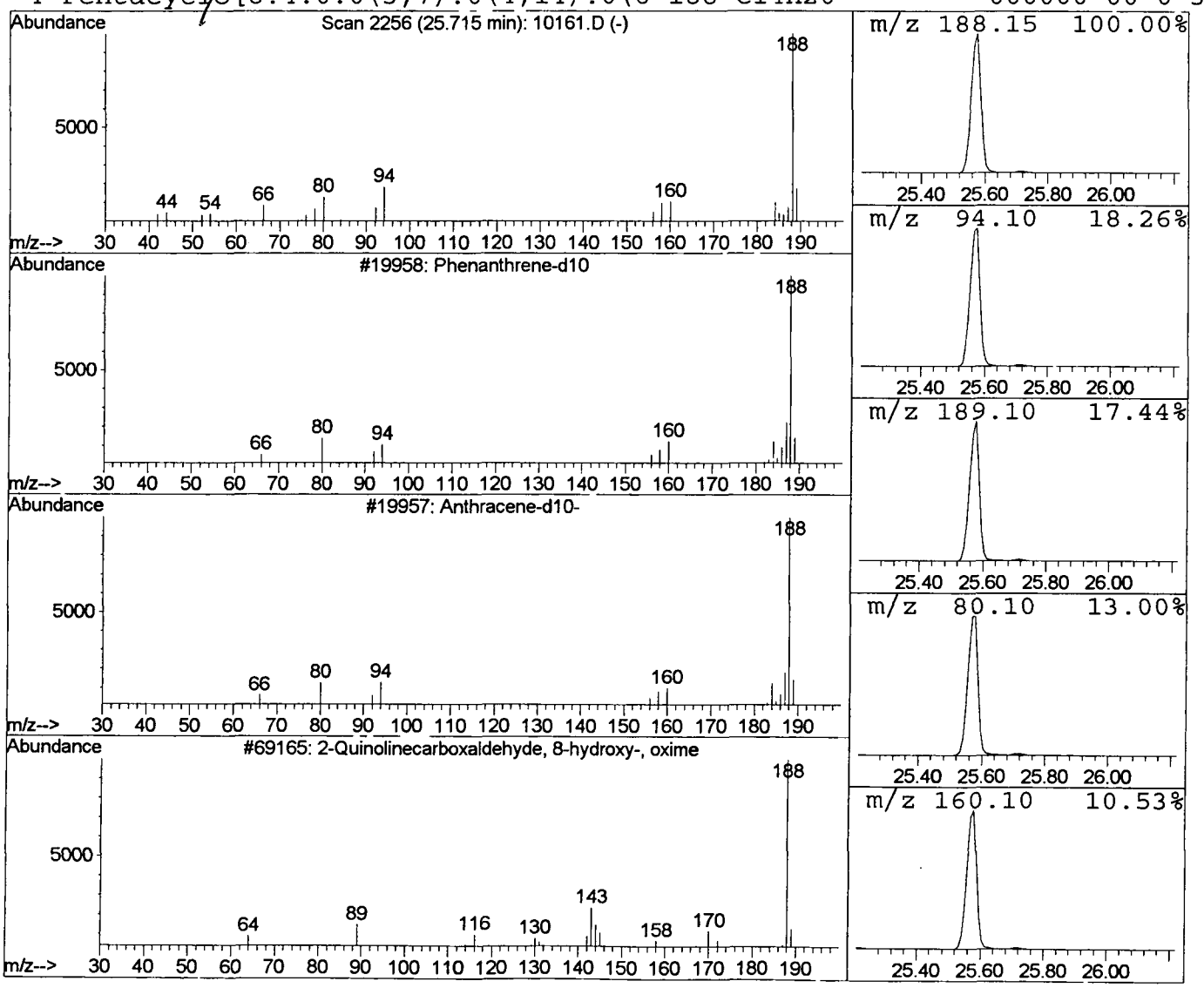
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	0.43 ug/l	37383	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	93
2	Anthracene-d10-	188	C14D10	001719-06-8	87
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	40
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 May 2002 1:40 am
Data File: C:\HPCHEM\1\DATA\MAY0602\10161.D
Name: GC/MS SCAN 4/29
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0507.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
Propane, 1-nitro-	7.03	0.6	ug/l	40602	ISTD01	12.19	2614430	40.0
2-Pentanone, 4-hydro	8.16	32.0	ug/l	2090090	ISTD01	12.19	2614430	40.0
Acetic acid, 1-methy	9.97	0.6	ug/l	40534	ISTD01	12.19	2614430	40.0
Phenanthrene-d10	25.71	0.4	ug/l	37383	ISTD04	25.58	3440810	40.0

10161.D GCMS0507.M Thu May 09 11:12:48 2002