User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 08:33:03

Sample: AE06335
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/02 08:32 Ended: 4/18/02 08:32 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		124		5.0

Comments for Sample AE06335 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 08:33:13

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6335.D Vial: 19
Acq On : 9 Apr 2002 3:37 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:20:31 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	4526495	20.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	17194589	20.00	ug/l	0.00
17) Acenaphthene-d10	23.67	164	10103321	20.00	ug/l	0.00
31) Phenanthrene-d10	30.91	188	16495166	20.00	ug/l	0.00
39) Chrysene-d12	39.10	240	12686033	20.00	ug/l	-0.01
45) Perylene-d12	42.31	264	7120331	20.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	0.00	207	0	0.00	ug/l	
Spiked Amount 5.000			Recovery = 0.00%			
38) 2,4-DDD	36.62	235	584482	3.17	ug/ml	0.00
Spiked Amount 5.000			Recovery = 63.40%			
			6.2153 = 124.3%			
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-Dichlorbenzene	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-Chloropropane	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	43	0	N.D.		
9) Hexachloroethane	0.00	119	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	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) Acenaphthylene	0.00	152	0	N.D.		
21) Dimethyl phthalate	0.00	163	0	N.D.		
22) 2,6-Dinitrotoluene	23.67	77	9342	0.29	ug/l #	1
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Fluorene	0.00	166	0	N.D.		
26) Diethyl phthalate	0.00	149	0	N.D.		
27) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
29) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
30) Azobenzene	0.00	77	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 9 Apr 2002 3:37 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:20:31 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

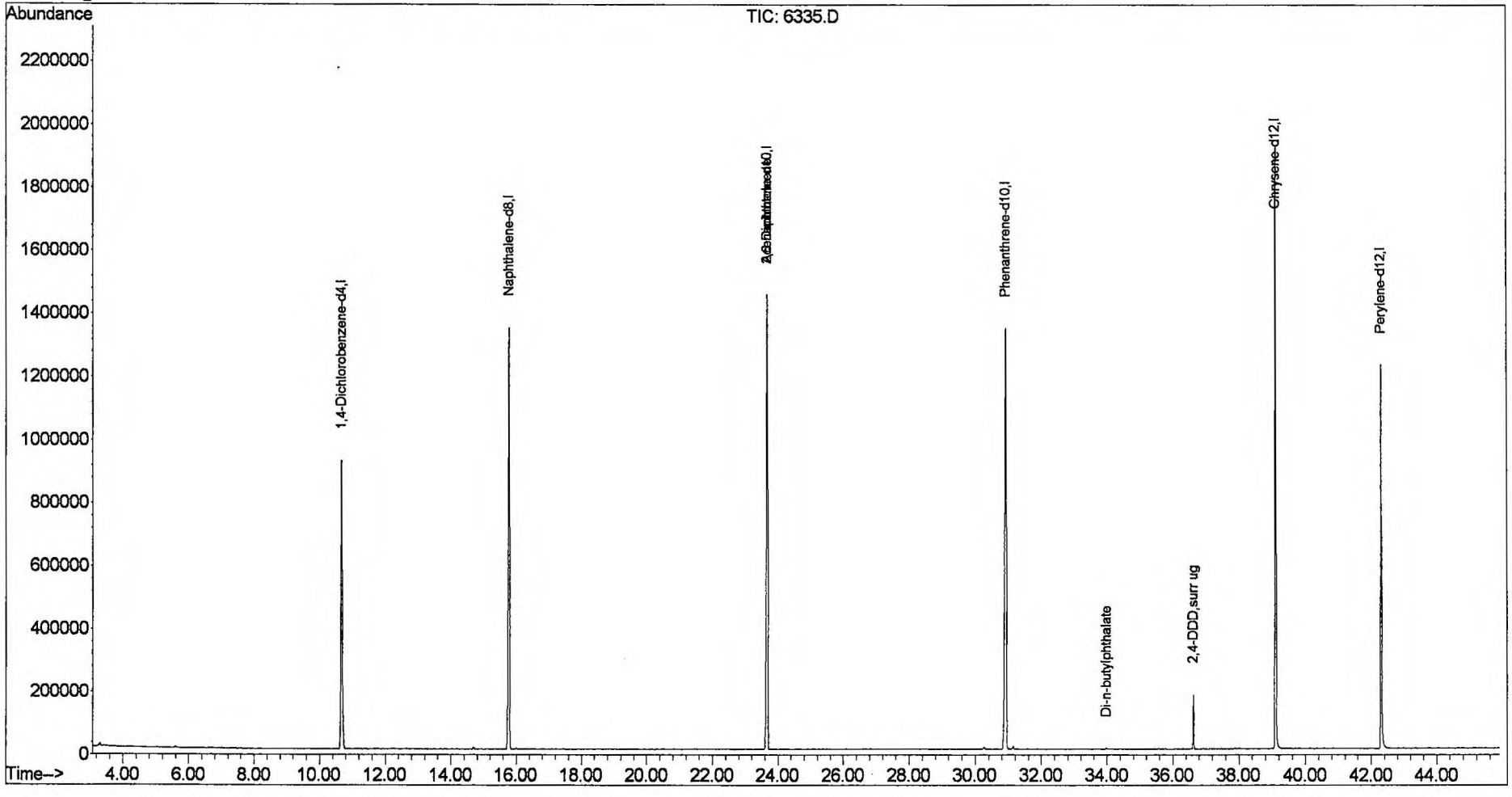
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Phenanthrene	0.00	178	0	N.D.	
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	33.98	149	65991	0.07 ug/l	79
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Buthylbenzylphthalate	0.00	149	0	N.D.	
42)	Benz(a)anthracene	0.00	228	0	N.D. d	
43)	Chrysene	0.00	228	0	N.D. d	
44)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
46)	Di-n-Octyl phthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
49)	Benzo(a)pyrene	0.00	252	0	N.D. d	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	Benzo(ghi)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6335.D Vial: 19
Acq On : 9 Apr 2002 3:37 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 9 15:20 2002 Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020408\6335.D Vial: 19
Acq On : 9 Apr 2002 3:37 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan

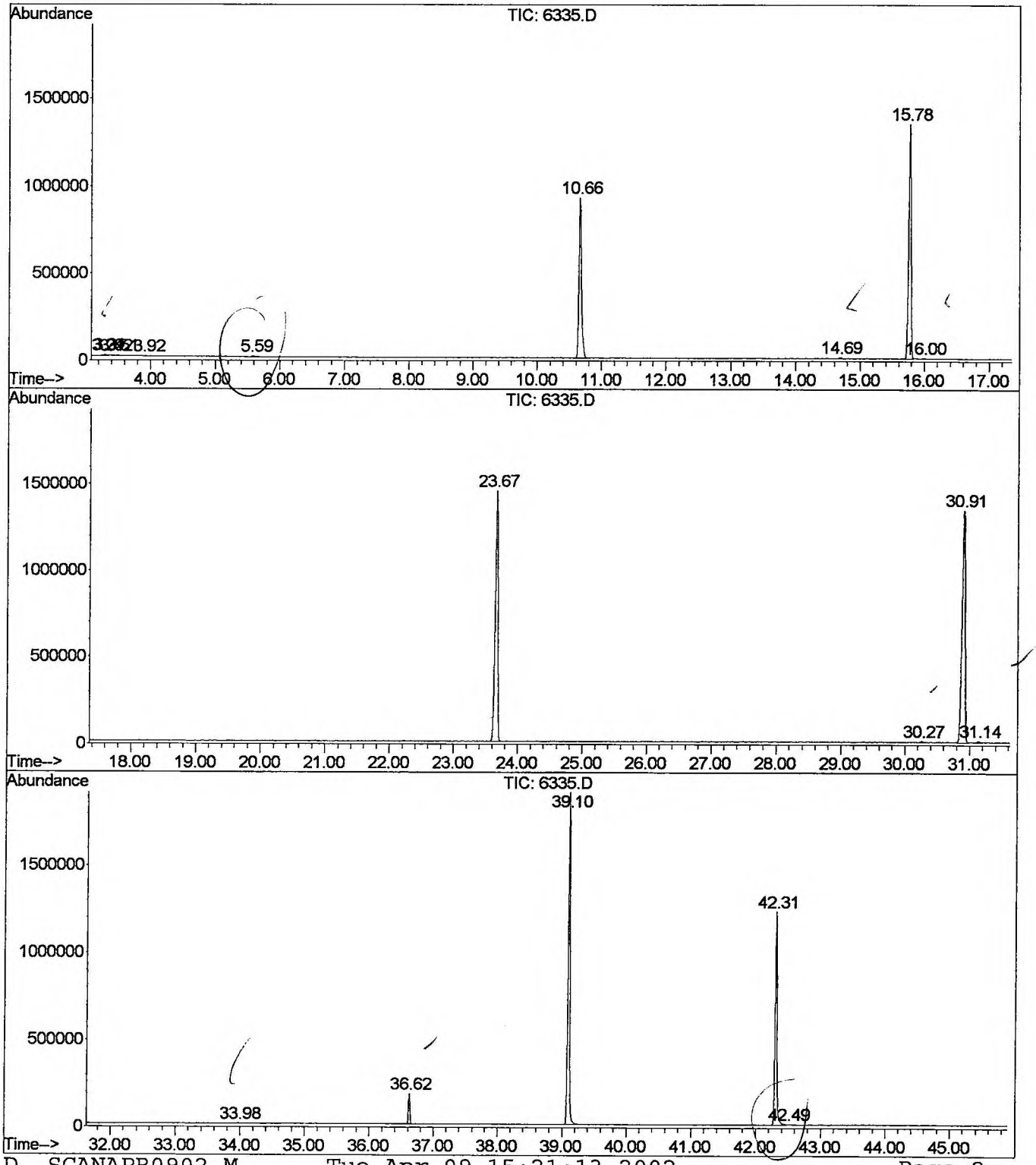
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.291	21	36	38	PV 6	6993	174857	0.41%	0.084%
2	3.314	38	40	48	VV	10240	200297	0.47%	0.097%
3	3.420	55	58	65	VV 4	4268	125542	0.29%	0.061%
4	3.514	65	74	80	VV 3	4244	149521	0.35%	0.072%
5	3.925	138	144	151	VV 3	2264	30386	0.07%	0.015%
6	5.588	422	427	436	PV 2	4968	98220	0.23%	0.047%
7	10.664	1280	1291	1312	PV	921945	25287509	59.27%	12.216%
8	14.689	1967	1976	1983	VV 4	5785	148456	0.35%	0.072%
9	15.776	2146	2161	2173	VV	1322131	33804856	79.23%	16.331%
10	15.999	2192	2199	2206	PV 2	2136	45820	0.11%	0.022%
11	23.673	3487	3505	3520	VV	1438417	40998799	96.09%	19.807%
12	30.265	4618	4627	4639	VV 2	6894	189295	0.44%	0.091%
13	30.912	4717	4737	4750	VV 2	1339418	42666719	100.00%	20.612%
14	31.135	4763	4775	4786	VV 2	8352	227158	0.53%	0.110%
15	33.979	5253	5259	5269	VV 2	3640	87489	0.21%	0.042%
16	36.623	5696	5709	5717	VV	173692	2754960	6.46%	1.331%
17	39.102	6120	6131	6160	PV 2	1867151	36344478	85.18%	17.558%
18	42.310	6662	6677	6706	PV	1212055	23643863	55.42%	11.422%
19	42.492	6706	6708	6712	VV 2	1471	18238	0.04%	0.009%

Sum of corrected areas: 206996464

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020408\6335.D
Operator : McLean
Acquired : 9 Apr 2002 3:37 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 19
Quant File :SCANAPR0902.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6335.D
Acq On : 9 Apr 2002 3:37 am
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 19
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

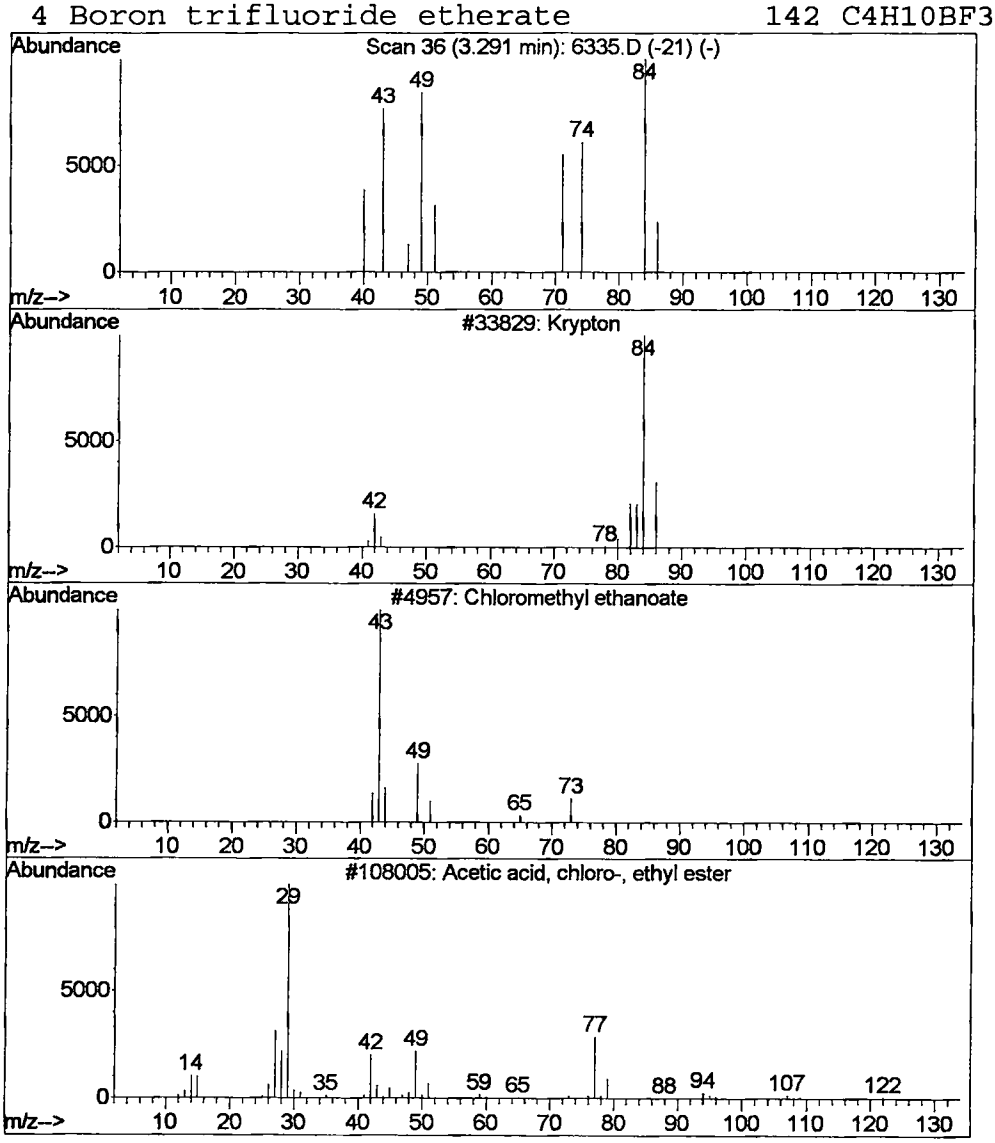
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

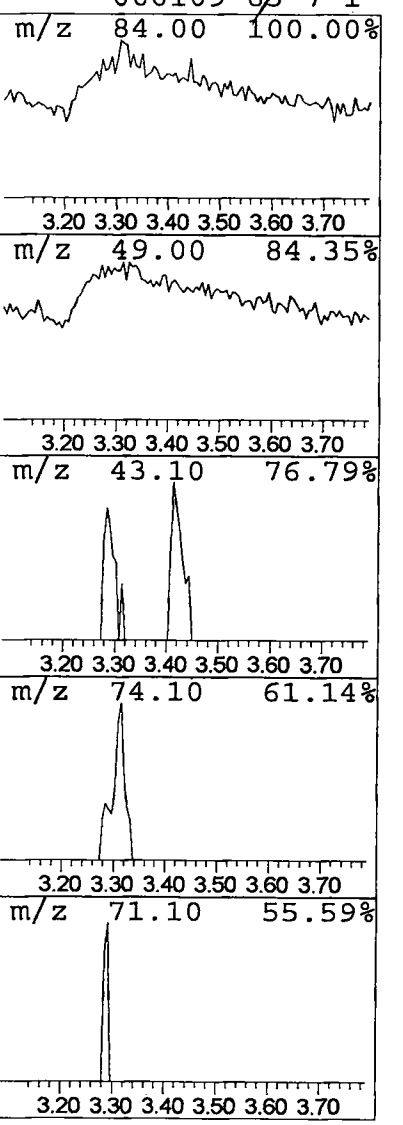
****

Peak Number 1 Krypton Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.14 ug/l	174857	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	5
2	Chloromethyl ethanoate	108	C3H5ClO2	1000143-34-6	2
3	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	1
4	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6335.D
Acq On : 9 Apr 2002 3:37 am
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 19
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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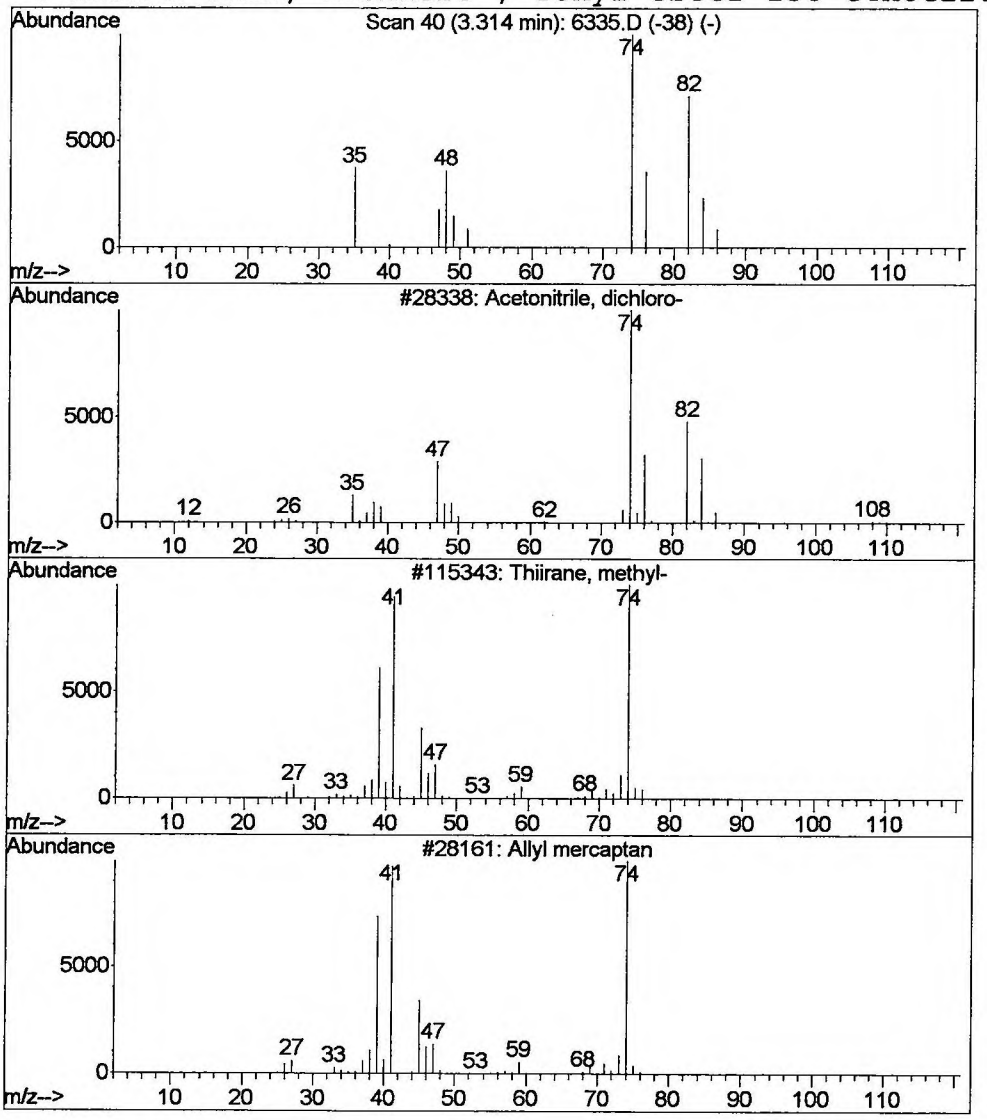
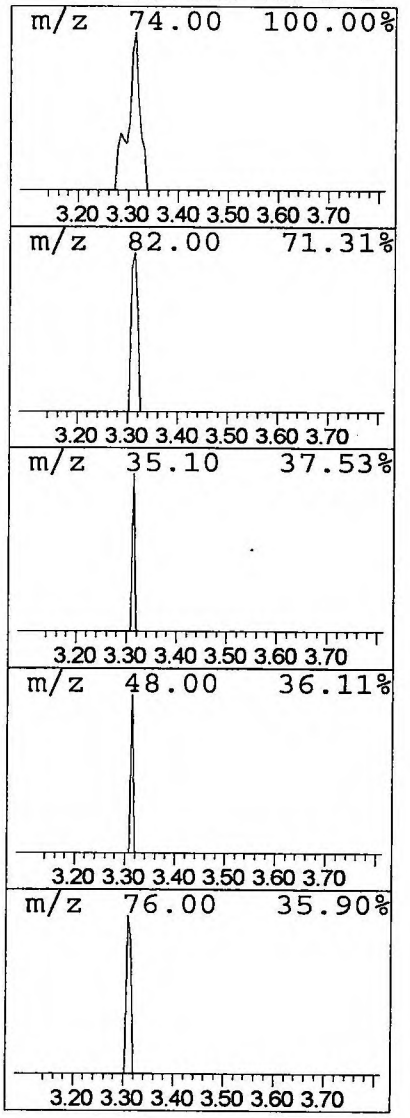
Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	0.16 ug/l	200297	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	9
2	Thiirane, methyl-	74	C3H6S	001072-43-1	4
3	Allyl mercaptan	74	C3H6S	000870-23-5	4
4	Acetic acid, dichloro-, ethyl ester	156	C4H6Cl2O2	000535-15-9	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6335.D
Acq On : 9 Apr 2002 3:37 am
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 19
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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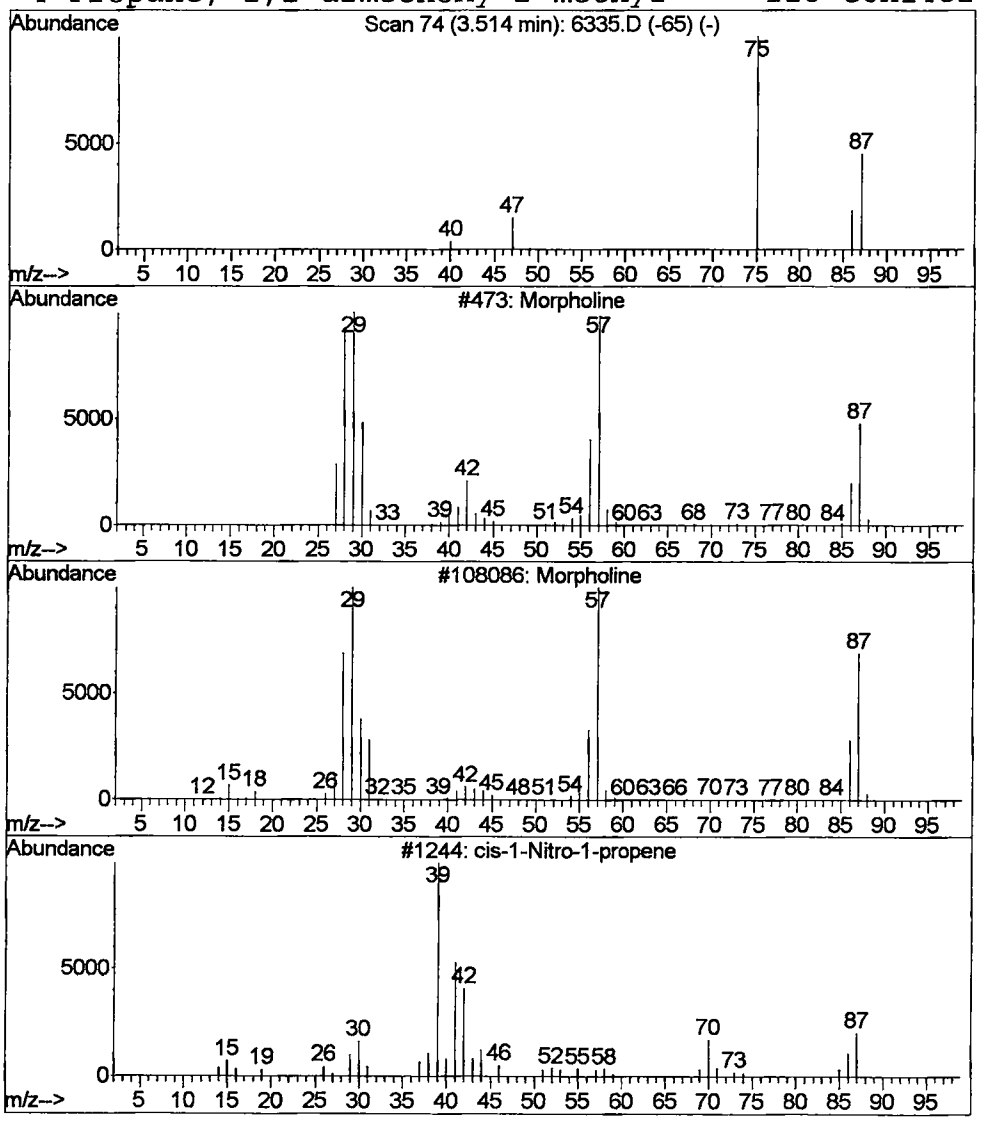
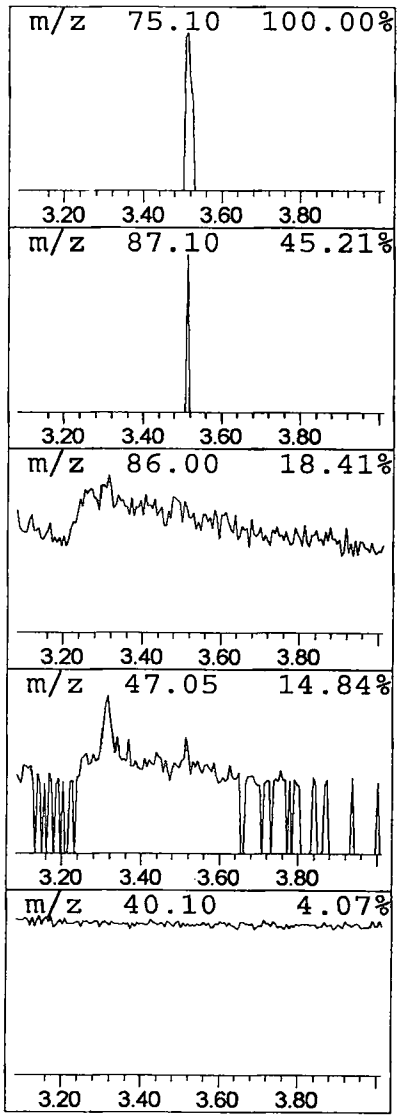
Peak Number 3 Morpholine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	0.12 ug/l	149521	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine	87	C4H9NO	000110-91-8	4
2	Morpholine	87	C4H9NO	000110-91-8	4
3	cis-1-Nitro-1-propene	87	C3H5NO2	027675-36-1	4
4	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6335.D Vial: 19
Acq On : 9 Apr 2002 3:37 am Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

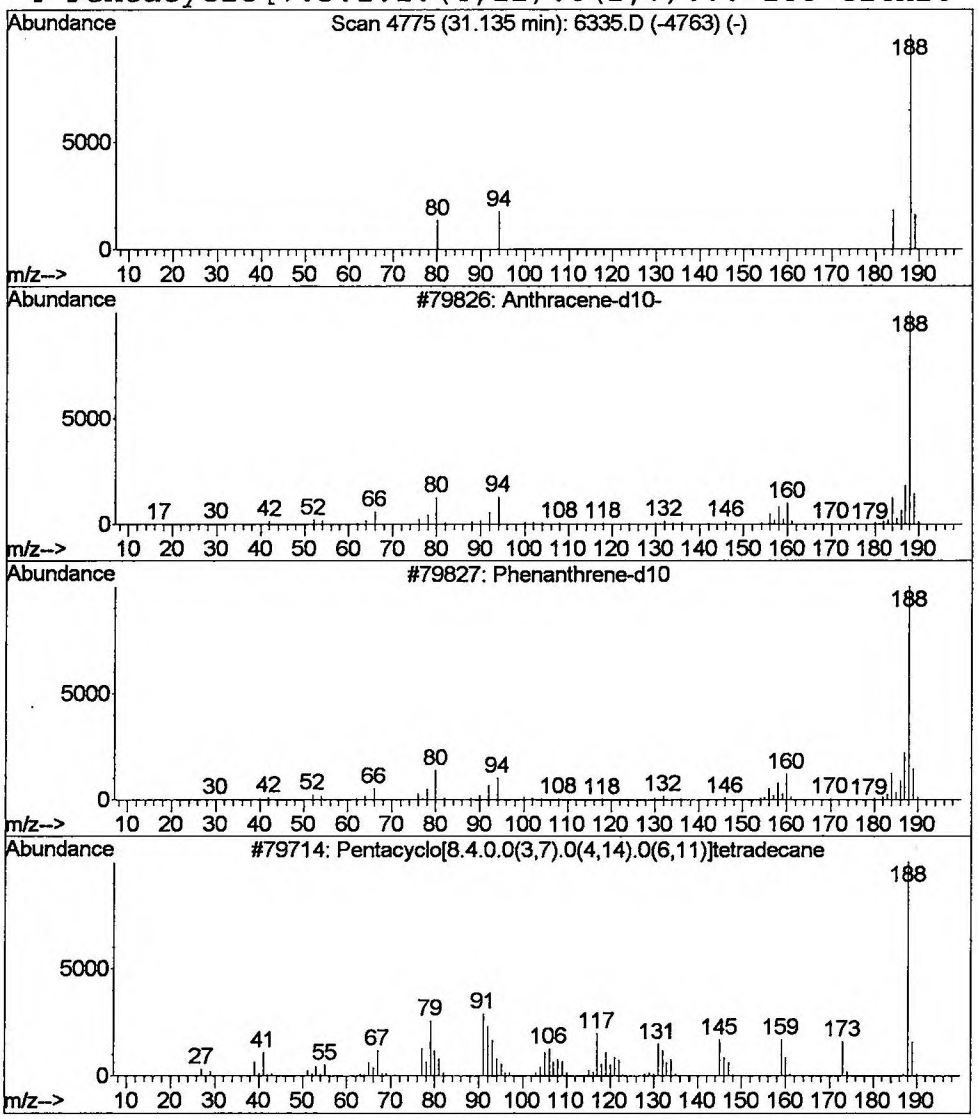
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

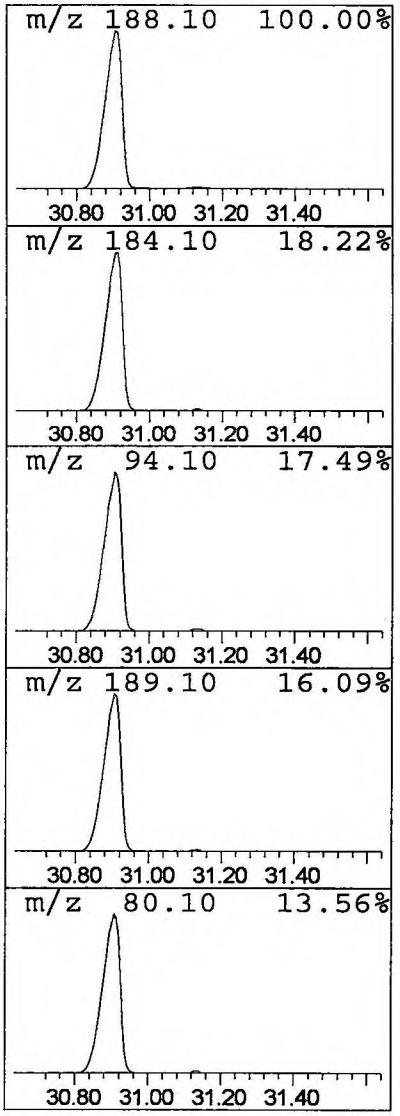
****

Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.14	0.11 ug/l	227158	Phenanthrene-d10	30.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	Phenanthrene-d10	188	C14D10	001517-22-2	9
3	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	9
4	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 9 Apr 2002 3:37 am
Data File: C:\MSDCHEM\1\DATA\020408\6335.D
Name: 3/18
Misc:
Method: C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Krypton	3.29	0.1	ug/l	174857	1	10.66	25287500	20.0
Acetonitrile, dic...	3.31	0.2	ug/l	200297	1	10.66	25287500	20.0
Morpholine	3.51	0.1	ug/l	149521	1	10.66	25287500	20.0
Anthracene-d10-	31.14	0.1	ug/l	227158	4	30.91	42666700	20.0