

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
 Data File : BM017376.D
 Acq On : 27 Oct 2018 08:09
 Operator : MJ/SJ
 Sample : J5673-20
 Misc : GCMS Confirmation
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM4

Quant Time: Oct 29 01:12:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 26 01:13:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	238566	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1027624	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	647664	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1587447	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1864934	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	1845195	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	263	0.05	ng/uL	0.03
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.54	131	383	0.03	ng/ul	-0.04
44) Dimethylphthalate-d6	13.70	166	2034	0.04	ng/ul	-0.02
47) Acenaphthylene-d8	13.96	160	488	0.01	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.52	143	12977	1.25	ng/ul	0.00
58) Fluorene-d10	15.30	176	5565	0.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	11916	1.08	ng/ul	0.03
71) Anthracene-d10	17.14	188	8251	0.11	ng/ul	0.00
79) Pyrene-d10	19.46	212	1771	0.02	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.45	264	1788053	18.35	ng/ul	0.14

Target Compounds

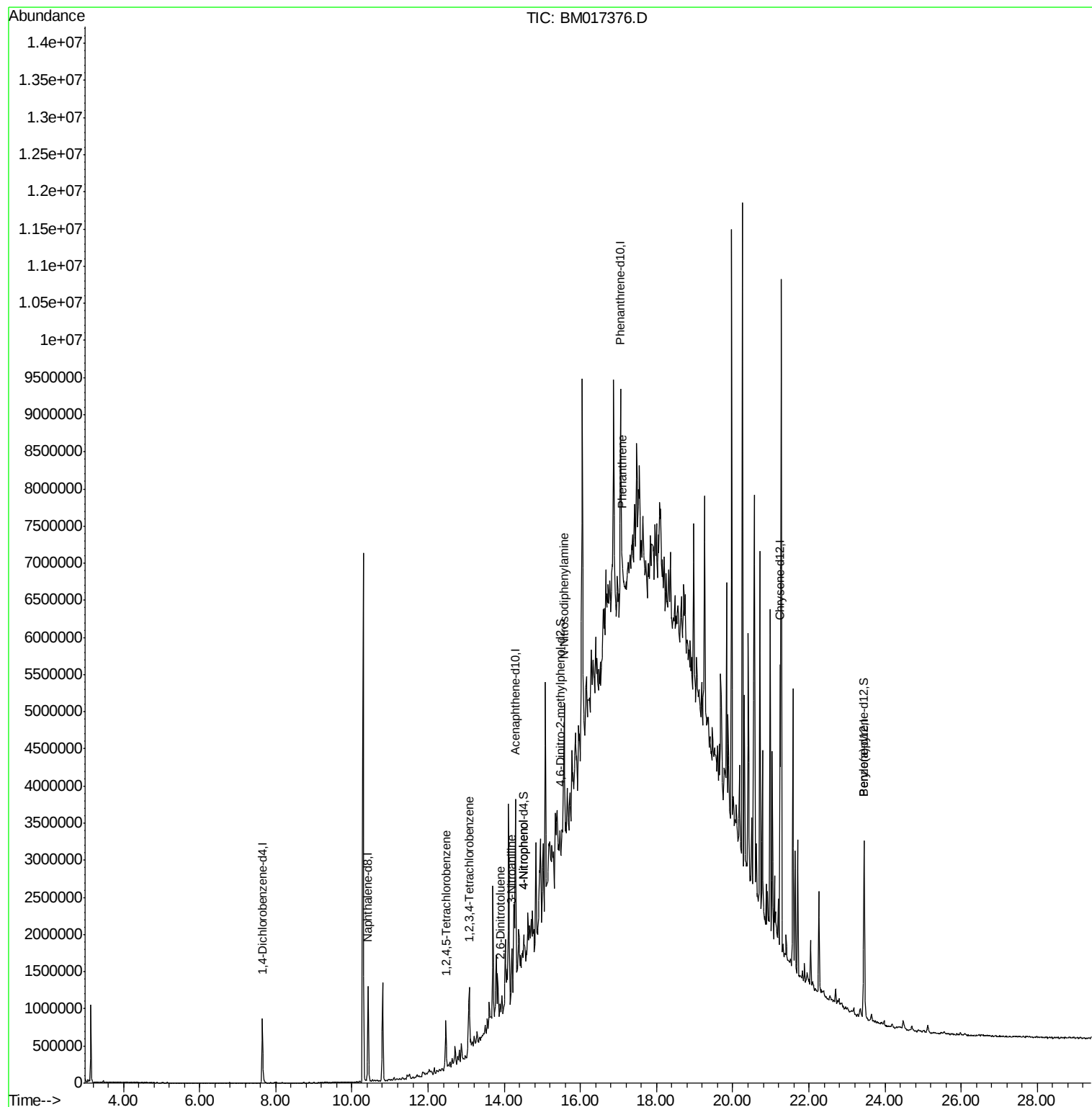
					Ovalue	
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	213457	9.806	ng/ul	97
46) 2,6-Dinitrotoluene	13.90	165	14999	1.389	ng/ul#	27
49) 3-Nitroaniline	14.19	138	24554	2.412	ng/ul#	13
53) 4-Nitrophenol	14.52	109	18347	2.332	ng/ul#	4
65) N-Nitrosodiphenylamine	15.57	169	79617	1.669	ng/ul#	46
70) Phenanthrene	17.09	178	116092	1.274	ng/ul#	51
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	247100	11.040	ng/uL	98

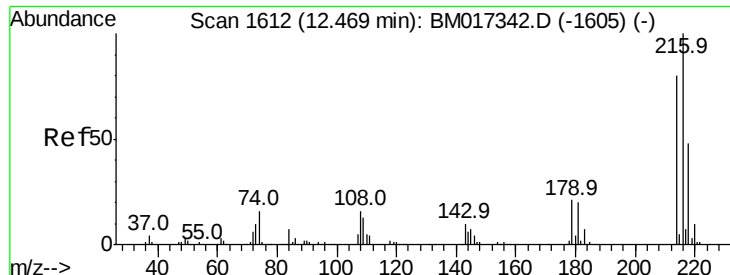
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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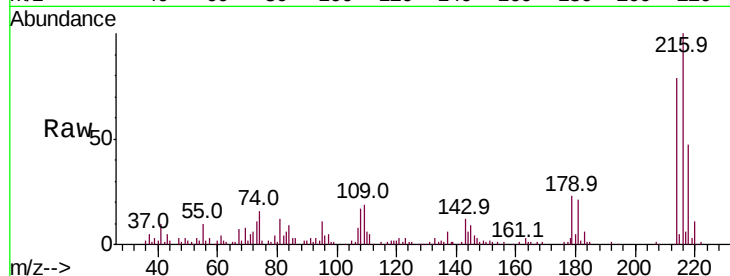




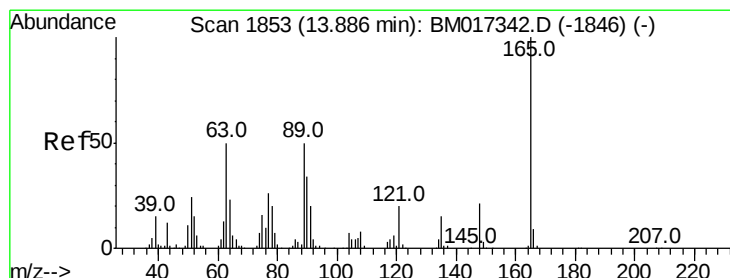
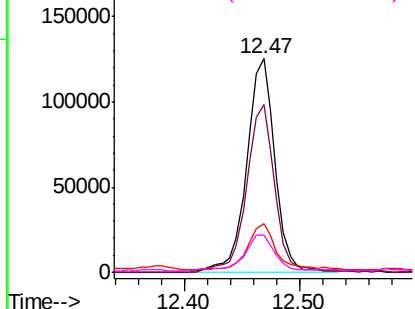
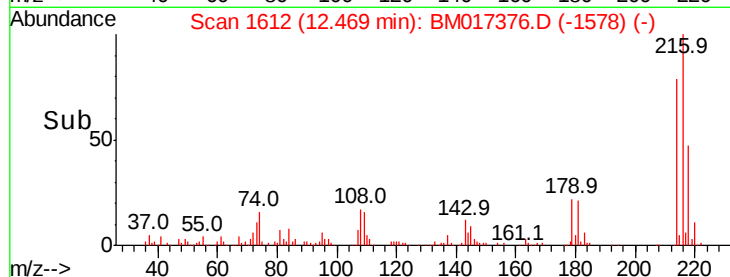
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.806 ng/ul
 RT: 12.47 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BM017376.D
 Acq: 27 Oct 2018 08:09

Instrument :
 BNA_M
 ClientSampleId :
 C0BM4

Tot Ion:	216	Resp:	213457
Ion	Ratio	Lower	Upper
216	100		
214	78.6	61.7	92.5
179	22.9	16.0	24.0
108	17.5	12.6	18.8

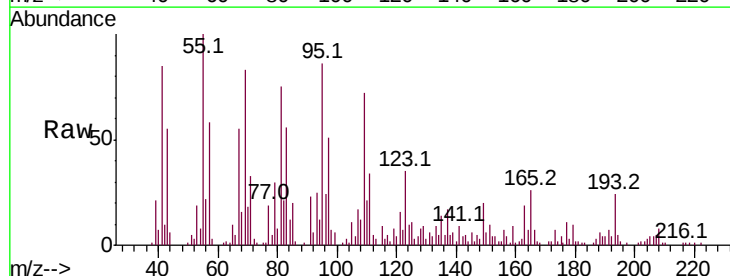


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

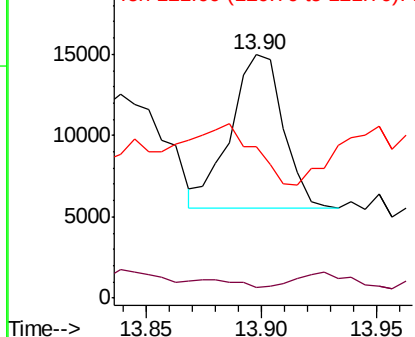
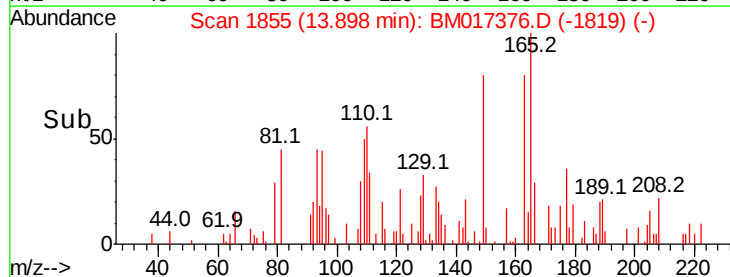


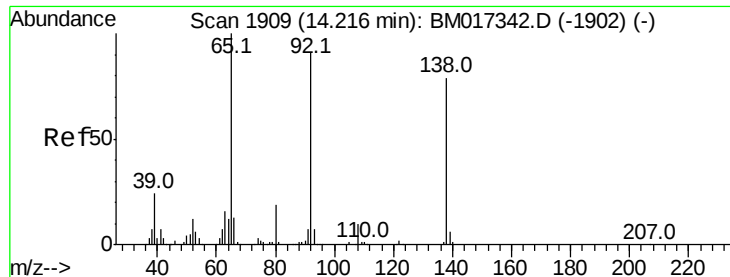
#46
 2,6-Dinitrotoluene
 Concen: 1.389 ng/ul
 RT: 13.90 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BM017376.D
 Acq: 27 Oct 2018 08:09

Tgt Ion:	165	Resp:	14999
Ion	Ratio	Lower	Upper
165	100		
89	4.6	44.0	66.0#
121	62.0	17.8	26.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E





#49

3-Nitroaniline

Concen: 2.412 ng/ul

RT: 14.19 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BM017376.D

Acq: 27 Oct 2018 08:09

Instrument :

BNA_M

ClientSampled :

C0BM4

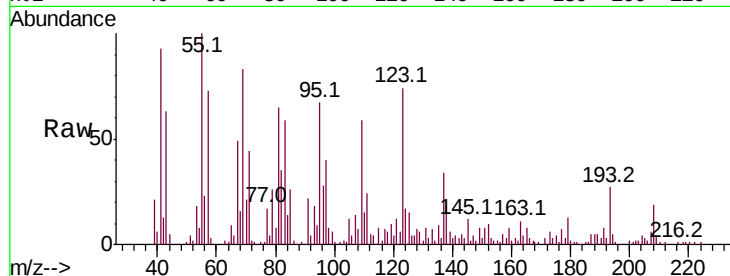
Tot Ion:138 Resp: 24554

Ion Ratio Lower Upper

138 100

108 42.4 9.0 13.4#

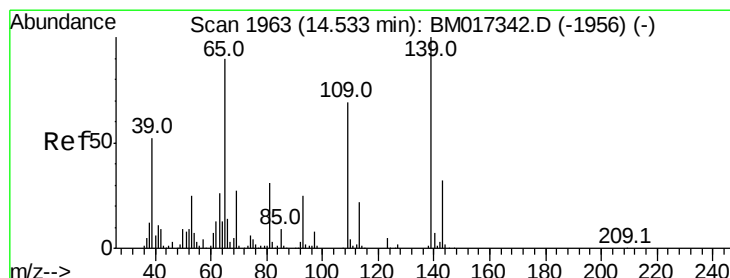
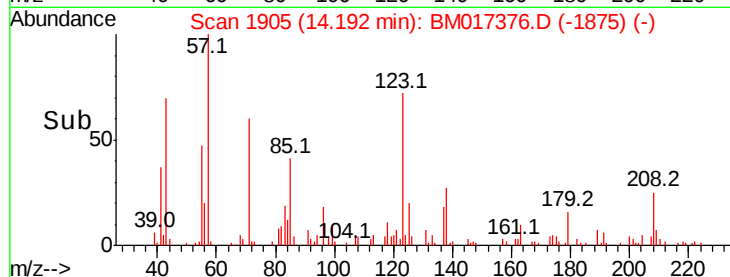
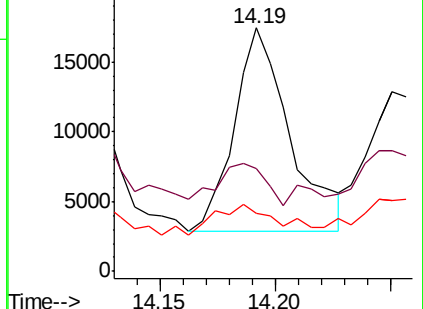
92 23.7 97.1 145.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#53

4-Nitrophenol

Concen: 2.332 ng/ul

RT: 14.52 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BM017376.D

Acq: 27 Oct 2018 08:09

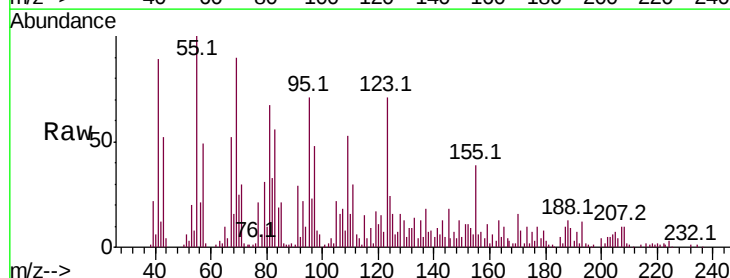
Tgt Ion:109 Resp: 18347

Ion Ratio Lower Upper

109 100

139 14.8 103.4 155.0#

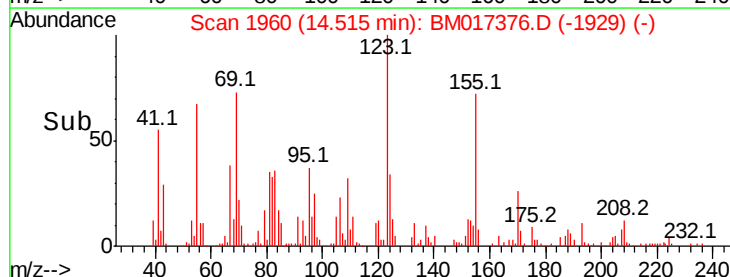
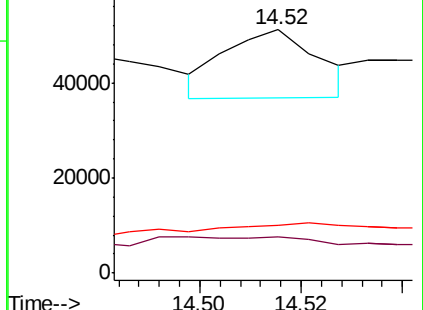
65 19.6 101.0 151.6#

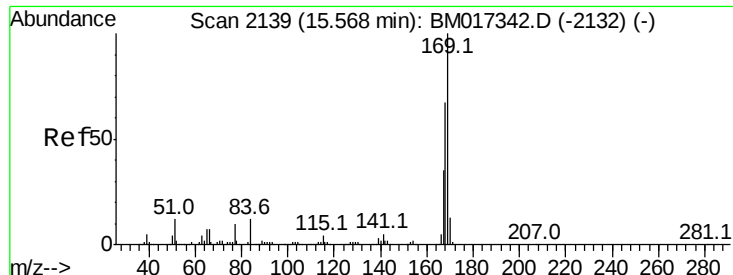


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

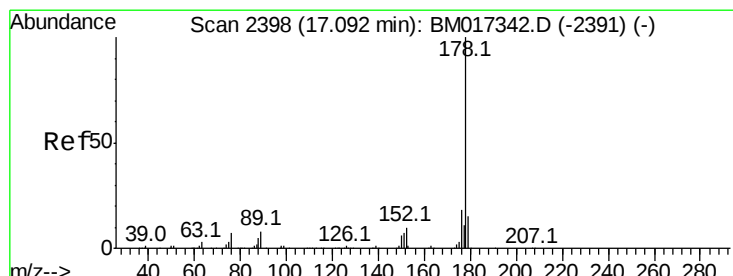
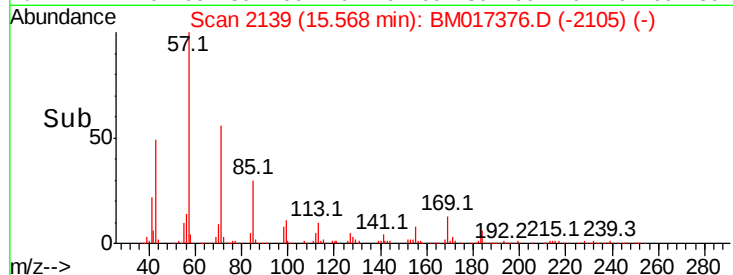
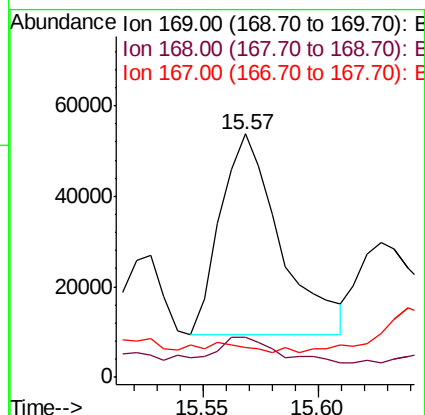
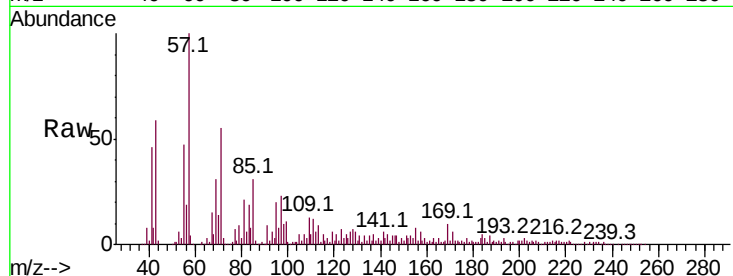




#65
N-Nitrosodiphenylamine
Concen: 1.669 ng/ul
RT: 15.57 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BM017376.D
Acq: 27 Oct 2018 08:09

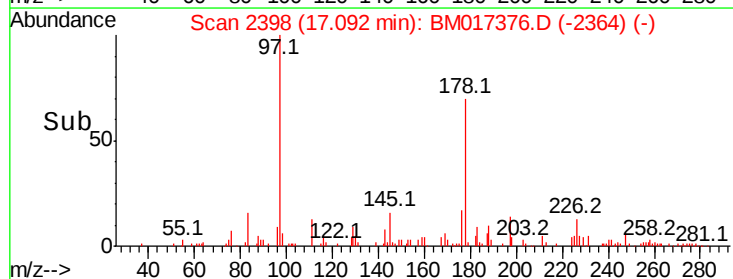
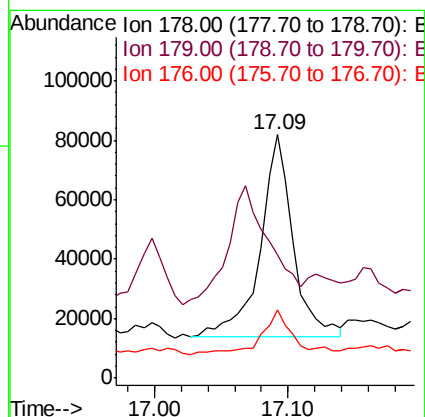
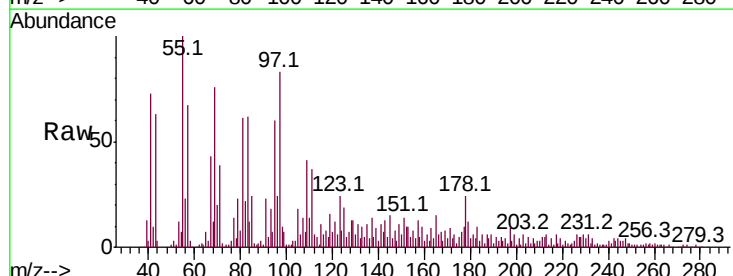
Instrument :
BNA_M
ClientSampled :
C0BM4

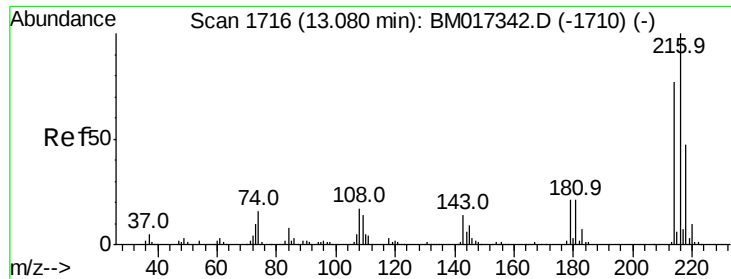
Tot Ion:169 Resp: 79617
Ion Ratio Lower Upper
169 100
168 16.7 52.2 78.4#
167 12.4 28.1 42.1#



#70
Phenanthrene
Concen: 1.274 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM017376.D
Acq: 27 Oct 2018 08:09

Tgt Ion:178 Resp: 116092
Ion Ratio Lower Upper
178 100
179 50.4 12.2 18.2#
176 27.8 14.9 22.3#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 11.040 ng/uL

RT: 13.08 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BM017376.D

Acq: 27 Oct 2018 08:09

Instrument :

BNA_M

ClientSampleId :

C0BM4

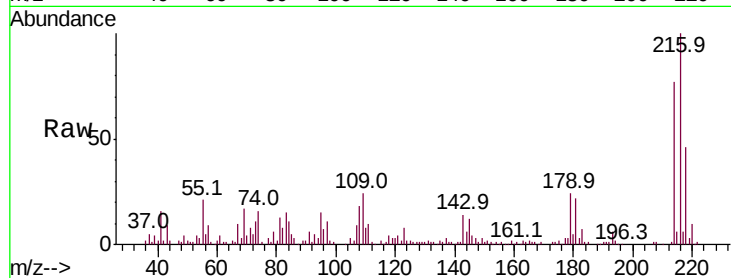
Tot Ion:216 Resp: 247100

Ion Ratio Lower Upper

216 100

214 77.4 63.4 95.0

218 45.9 37.3 55.9



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

