

Data File : BG041988.D
Acq On : 6 Aug 2019 5:38
Operator : HP/JU
Sample : K4023-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETNK8

Quant Time: Aug 06 07:01:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 06:57:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	153624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	577212	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	401543	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	859206	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	955734	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	1130086	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
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	10.89	131	59	0.01	ng/ul	-0.10
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	14.69	160	179316	5.04	ng/ul	0.31
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.70	176	737	0.03	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.62	188	5718	0.14	ng/ul	0.07
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	25.01	264	1130086	19.14	ng/ul	0.23

Target Compounds

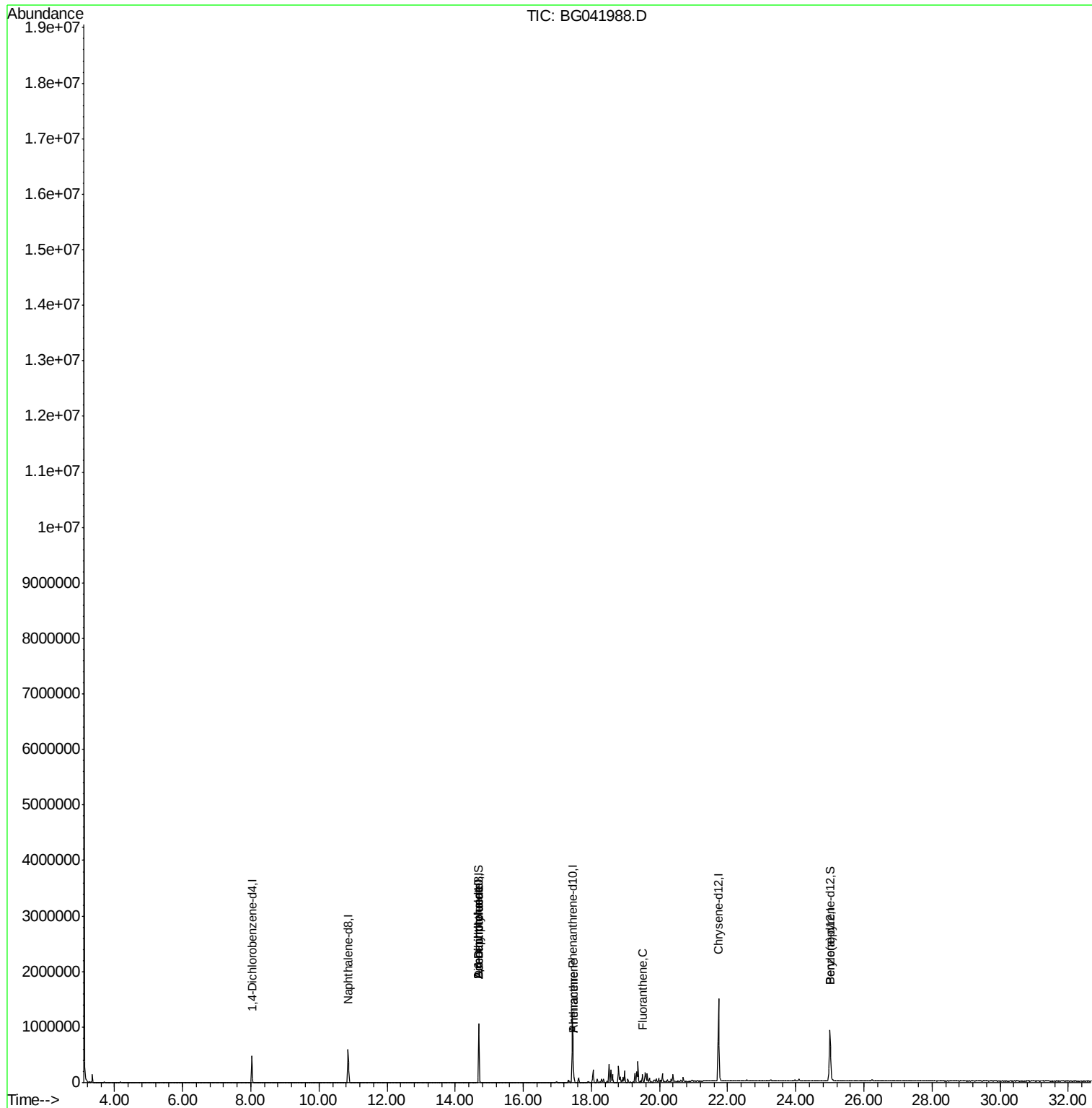
					Qvalue	
44) Dimethylphthalate	14.69	163	89924	2.908	ng/ul#	1
45) 2,6-Dinitrotoluene	14.69	165	53367	7.935	ng/ul#	40
54) 2,4-Dinitrotoluene	14.69	165	53367	5.457	ng/ul#	44
69) Phenanthrene	17.49	178	49756	1.058	ng/ul	98
71) Anthracene	17.49	178	49756	1.043	ng/ul	97
76) Fluoranthene	19.50	202	96420	1.774	ng/ul	96

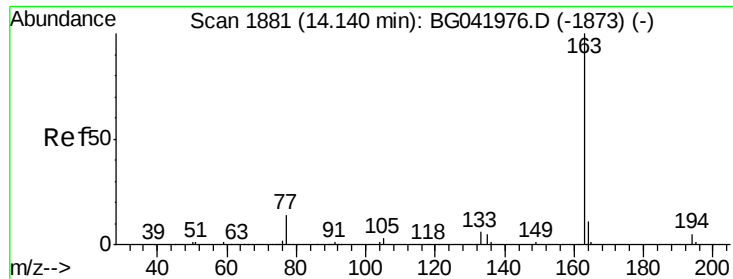
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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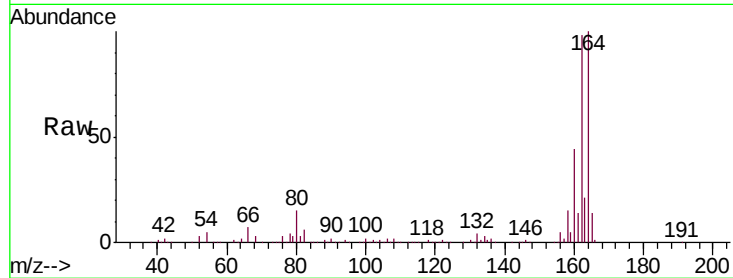




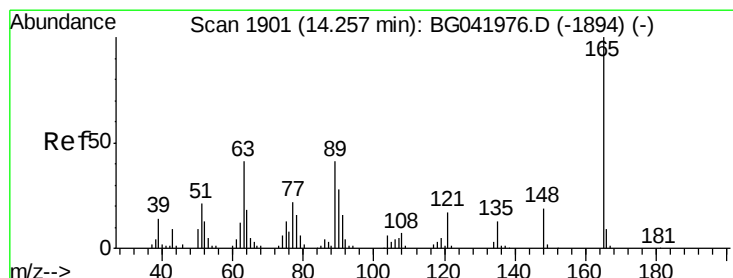
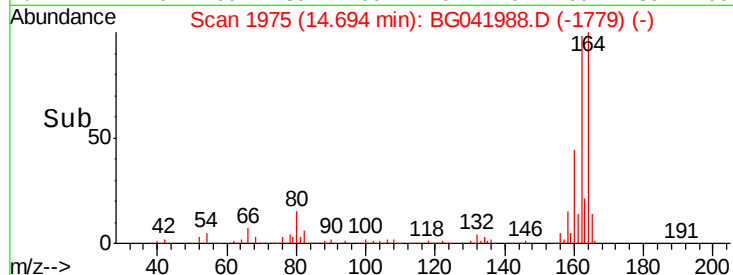
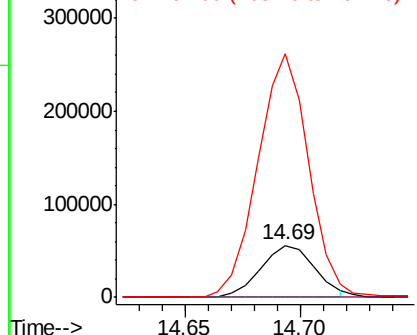
#44
Dimethylphthalate
Concen: 2.908 ng/ul
RT: 14.69 min Scan# 1975
Delta R.T. 0.55 min
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Instrument :
BNA_G
ClientSampleId :
ETNK8

Tgt Ion:163 Resp: 89924
Ion Ratio Lower Upper
163 100
194 0.0 4.2 6.2#
164 467.7 7.8 11.8#

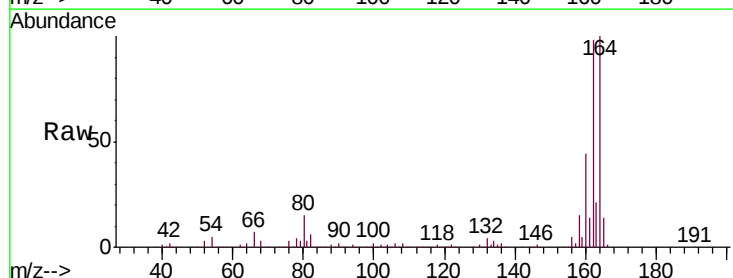


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

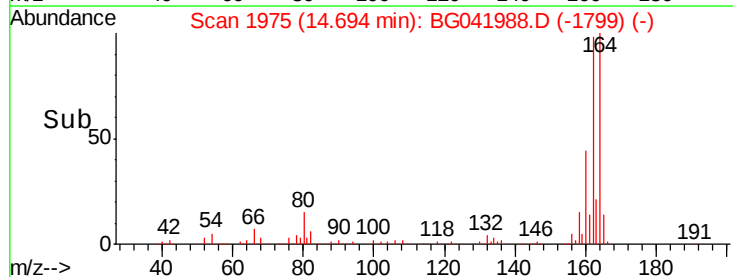
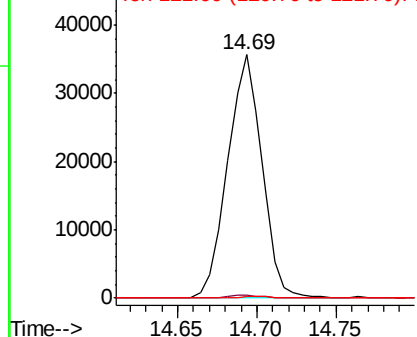


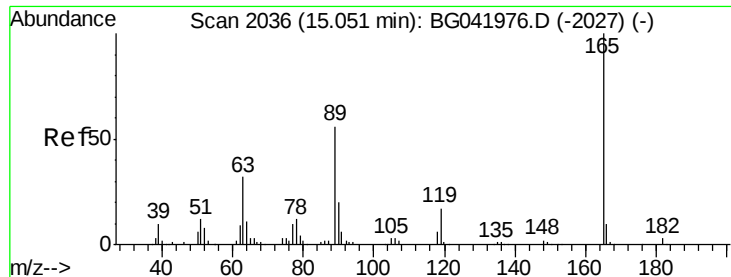
#45
2,6-Dinitrotoluene
Concen: 7.935 ng/ul
RT: 14.69 min Scan# 1975
Delta R.T. 0.44 min
Lab File: BG041988.D
Acq: 6 Aug 2019 5:38

Tgt Ion:165 Resp: 53367
Ion Ratio Lower Upper
165 100
89 1.1 36.8 55.2#
121 0.6 15.6 23.4#



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

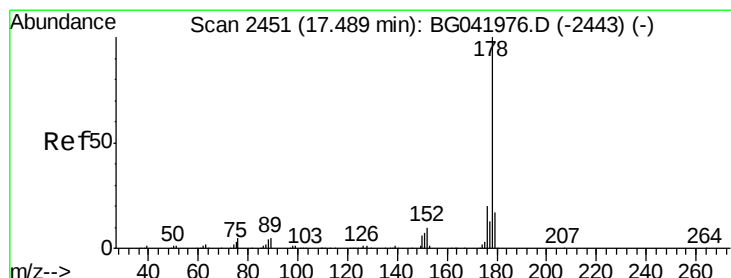
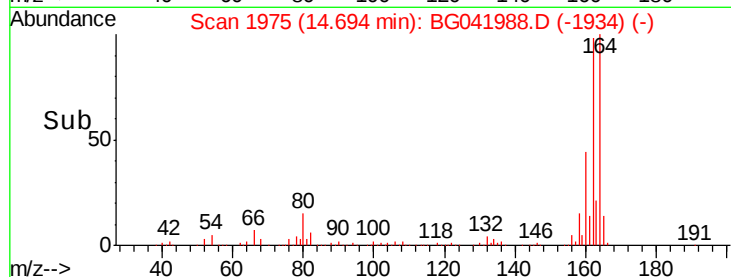
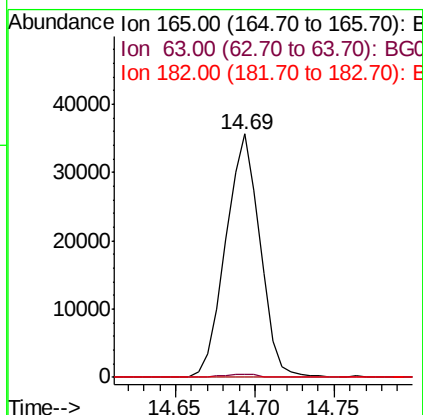
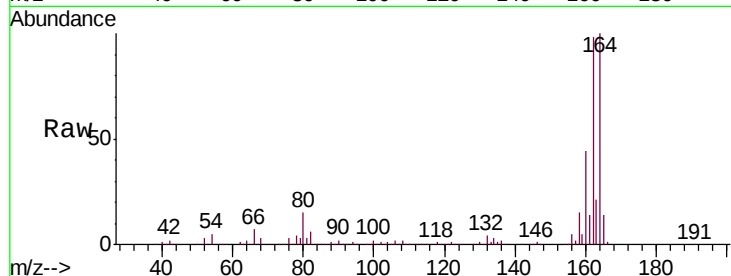




#54
 2,4-Dinitrotoluene
 Concen: 5.457 ng/ul
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.36 min
 Lab File: BG041988.D
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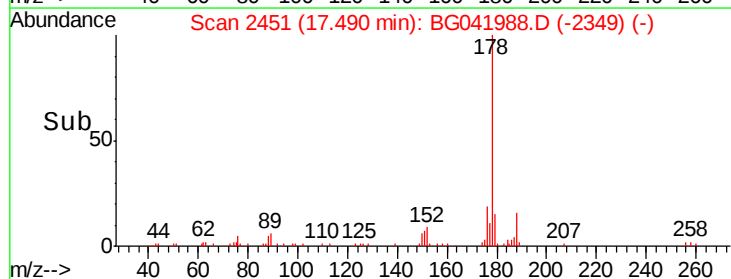
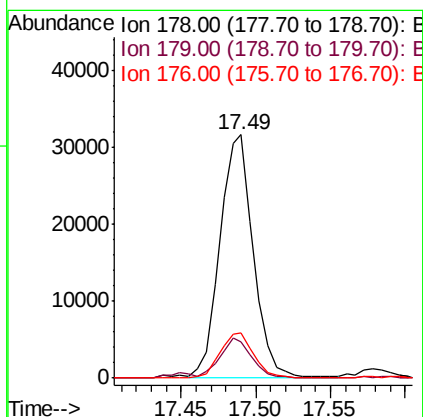
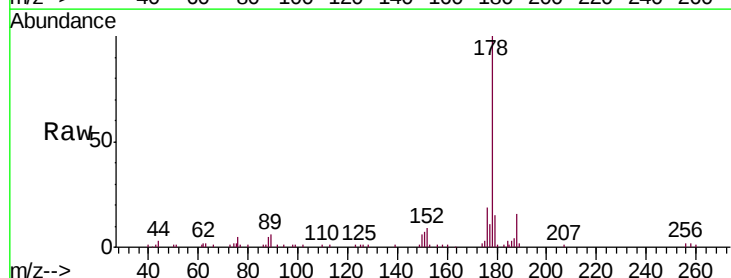
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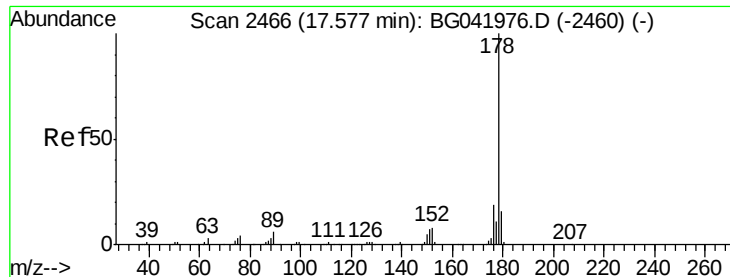
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
182	0.0	2.6	4.0#



#69
 Phenanthrene
 Concen: 1.058 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BG041988.D
 Acq: 6 Aug 2019 5:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.8	19.2
176	18.7	15.4	23.2

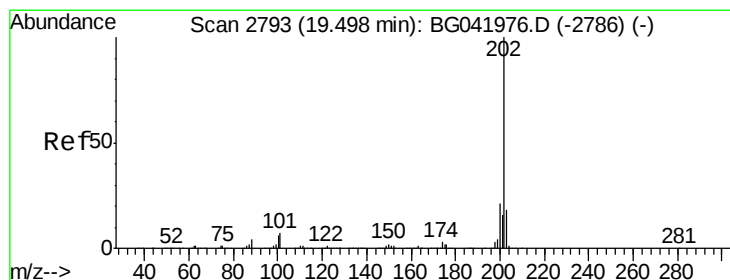
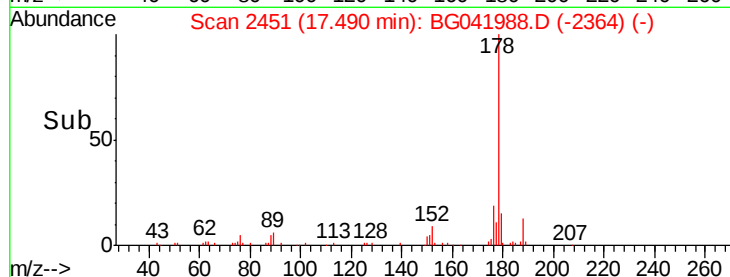
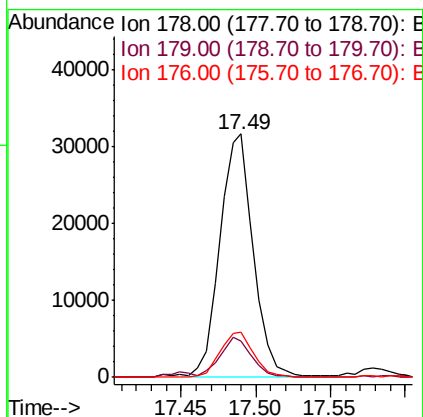
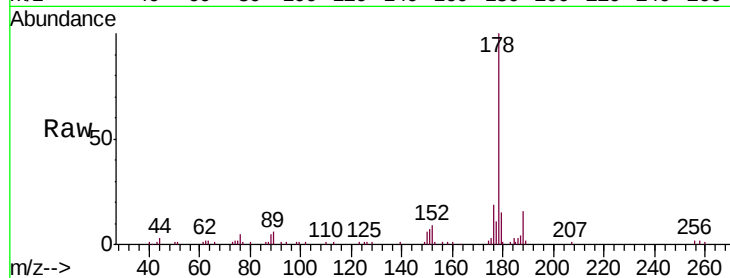




#71
 Anthracene
 Concen: 1.043 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.09 min
 Lab File: BG041988.D
 Acq: 6 Aug 2019 5:38

Instrument :
 BNA_G
 ClientSampleId :
 ETNK8

Tgt Ion:178 Resp: 49756
 Ion Ratio Lower Upper
 178 100
 179 14.9 13.4 20.0
 176 18.7 15.4 23.2



#76
 Fluoranthene
 Concen: 1.774 ng/ul
 RT: 19.50 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BG041988.D
 Acq: 6 Aug 2019 5:38

Tgt Ion:202 Resp: 96420
 Ion Ratio Lower Upper
 202 100
 101 7.0 6.7 10.1
 100 5.4 5.3 7.9

