

Data File : BG041990.D
Acq On : 6 Aug 2019 6:54
Operator : HP/JU
Sample : K4022-20
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETNK6

Quant Time: Aug 06 07:53:43 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	144348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	543540	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	384119	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	813148	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	901762	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	1054354	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	10.87	131	523	0.05	ng/ul	-0.12
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	14.69	160	169172	4.97	ng/ul	0.31
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.69	176	403	0.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.44	188	813148	20.84	ng/ul	-0.11
78) Pyrene-d10	20.33	212	188	0.00	ng/ul	0.50
89) Benzo(a)pyrene-d12	25.01	264	1054354	19.14	ng/ul	0.24

Target Compounds

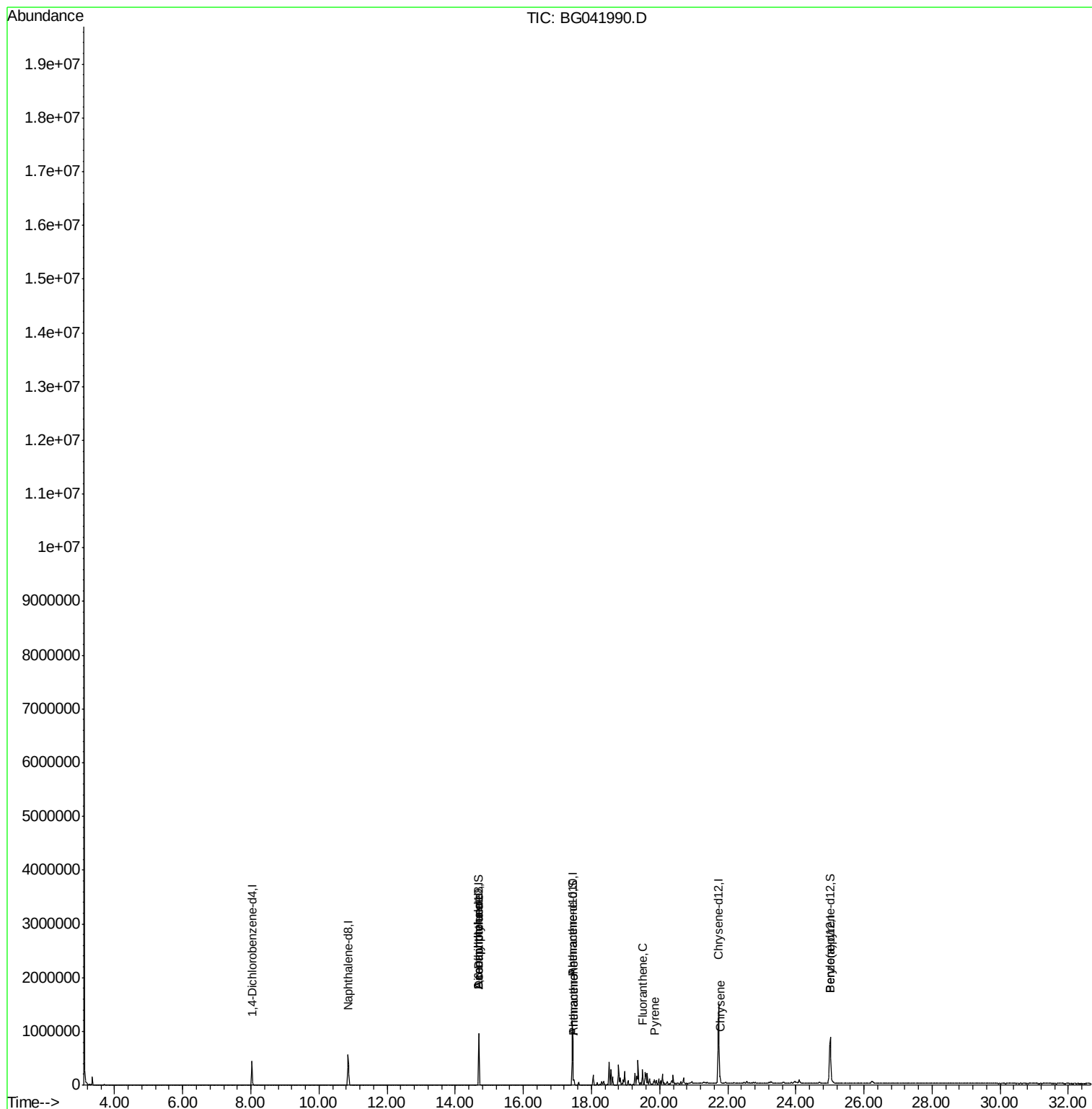
					Qvalue	
44) Dimethylphthalate	14.69	163	86336	2.919	ng/ul#	1
45) 2,6-Dinitrotoluene	14.69	165	49901	7.756	ng/ul#	40
69) Phenanthrene	17.49	178	59176	1.329	ng/ul	100
71) Anthracene	17.49	178	59176	1.311	ng/ul	99
76) Fluoranthene	19.50	202	192667	3.746	ng/ul	97
79) Pyrene	19.86	202	65107	1.073	ng/ul	100
84) Chrysene	21.77	228	83198	1.426	ng/ul	94

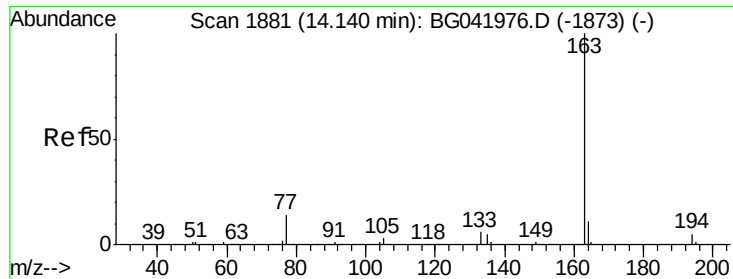
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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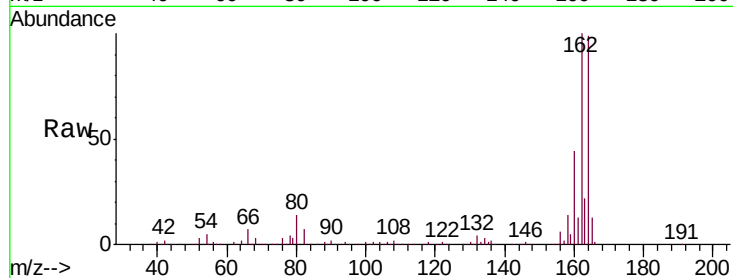




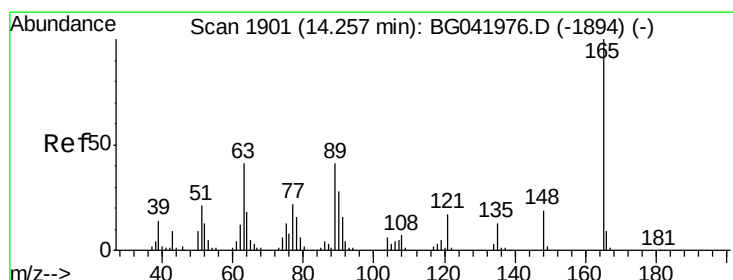
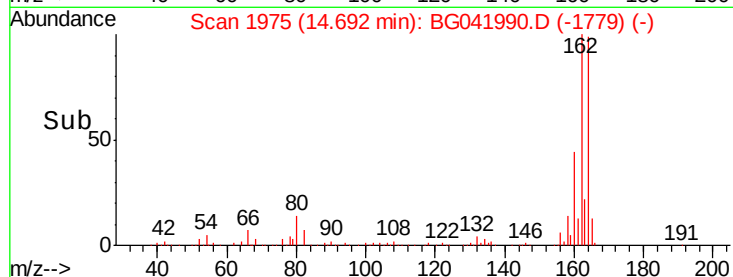
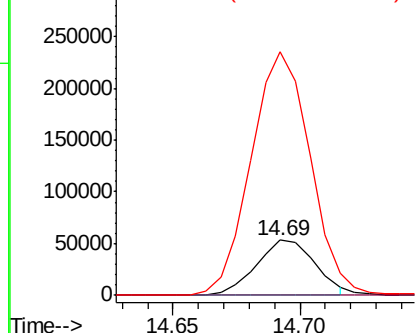
#44
Dimethylphthalate
Concen: 2.919 ng/ul
RT: 14.69 min Scan# 1975
Delta R.T. 0.55 min
Lab File: BG041990.D
Acq: 6 Aug 2019 6:54

Instrument :
BNA_G
ClientSampleId :
ETNK6

Tgt Ion:163 Resp: 86336
Ion Ratio Lower Upper
163 100
194 0.0 4.2 6.2#
164 443.3 7.8 11.8#

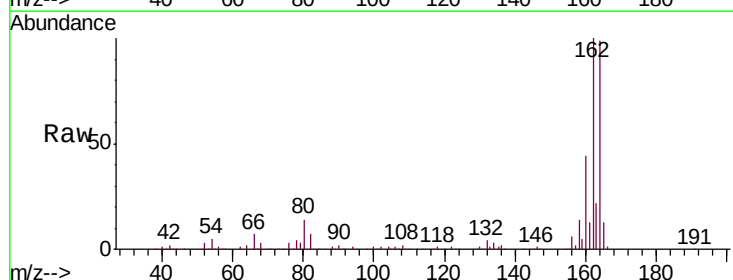


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

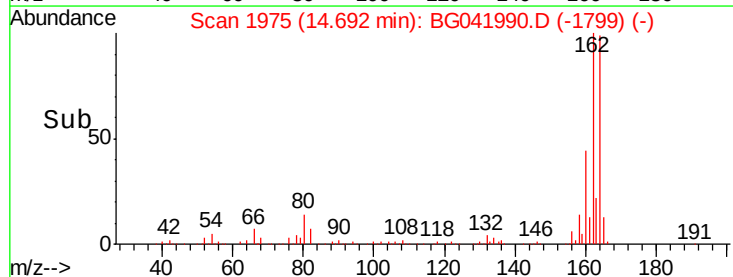
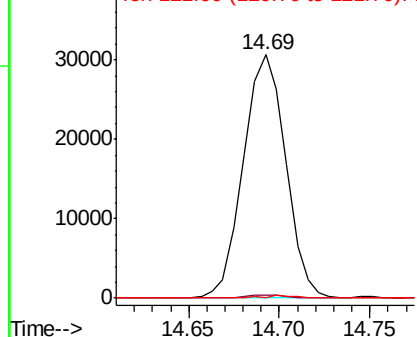


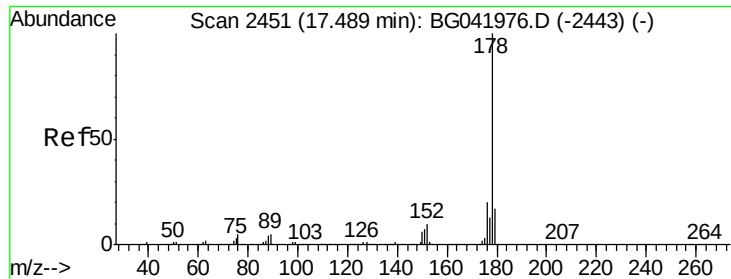
#45
2,6-Dinitrotoluene
Concen: 7.756 ng/ul
RT: 14.69 min Scan# 1975
Delta R.T. 0.43 min
Lab File: BG041990.D
Acq: 6 Aug 2019 6:54

Tgt Ion:165 Resp: 49901
Ion Ratio Lower Upper
165 100
89 1.3 36.8 55.2#
121 0.0 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





#69

Phenanthrene

Concen: 1.329 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BG041990.D

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Instrument :

BNA_G

ClientSampleId :

ETNK6

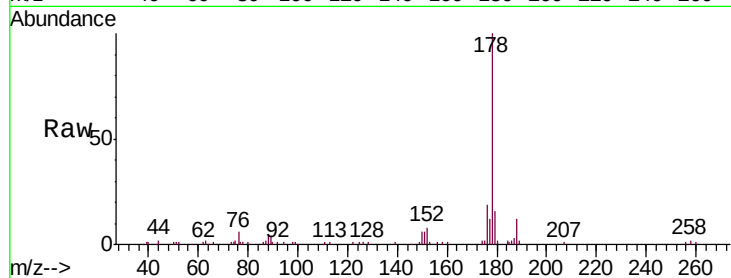
Tgt Ion:178 Resp: 59176

Ion Ratio Lower Upper

178 100

179 15.9 12.8 19.2

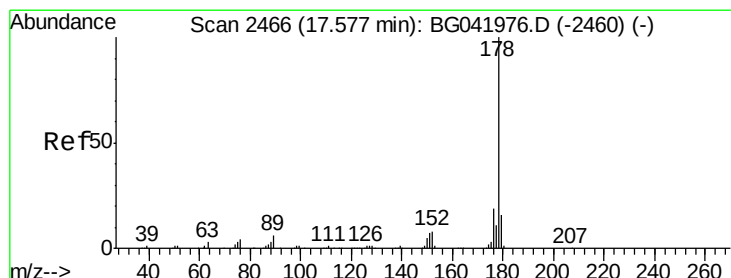
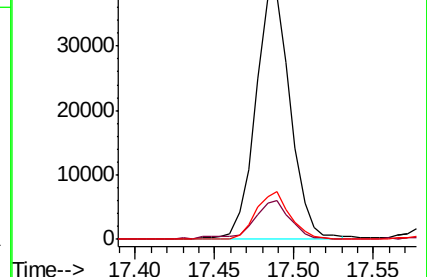
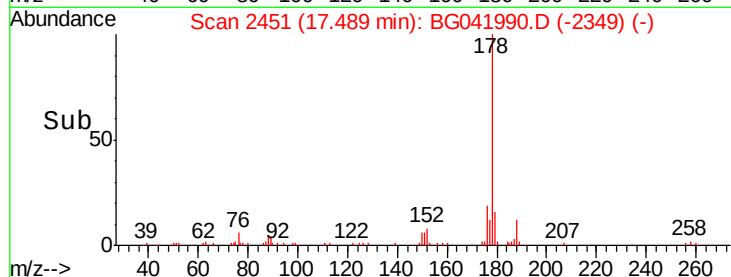
176 19.4 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.311 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BG041990.D

Acq: 6 Aug 2019 6:54

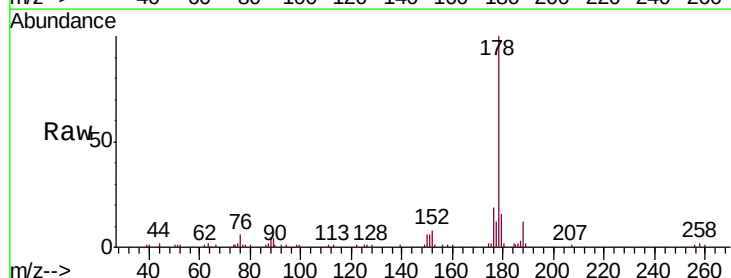
Tgt Ion:178 Resp: 59176

Ion Ratio Lower Upper

178 100

179 15.9 13.4 20.0

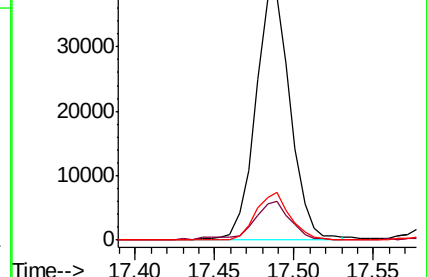
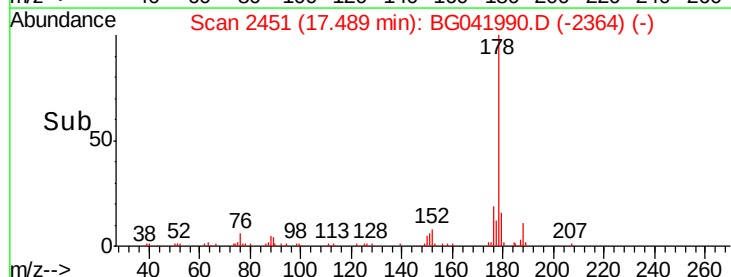
176 19.4 15.4 23.2

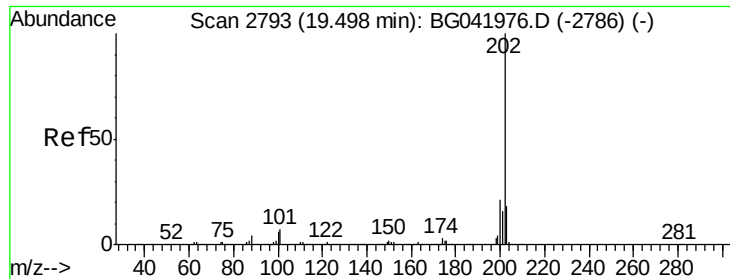


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

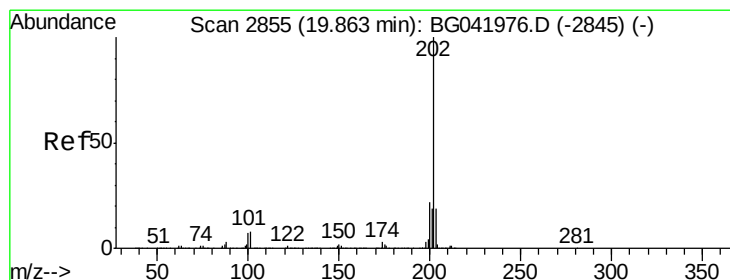
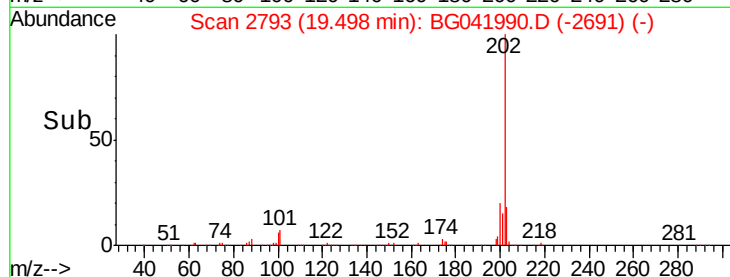
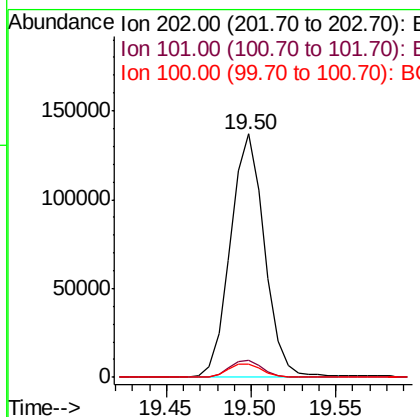
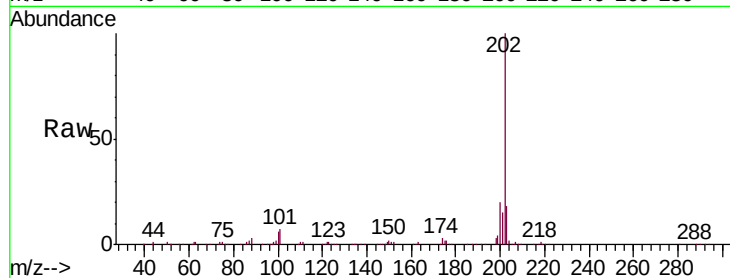




#76
Fluoranthene
Concen: 3.746 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BG041990.D
Acq: 6 Aug 2019 6:54

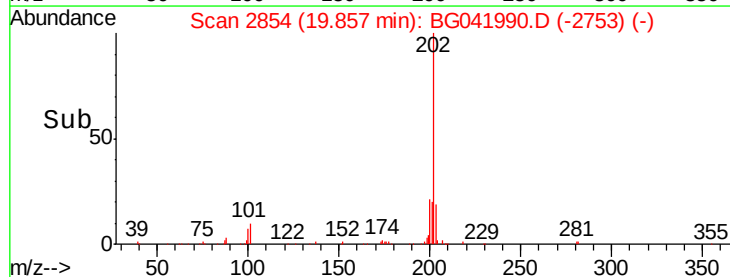
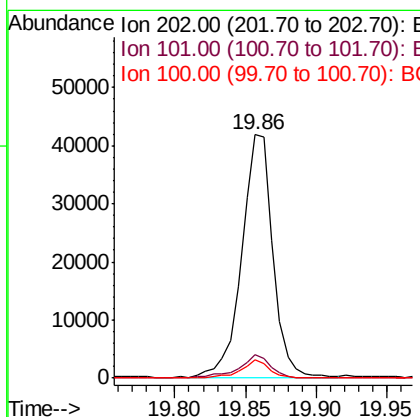
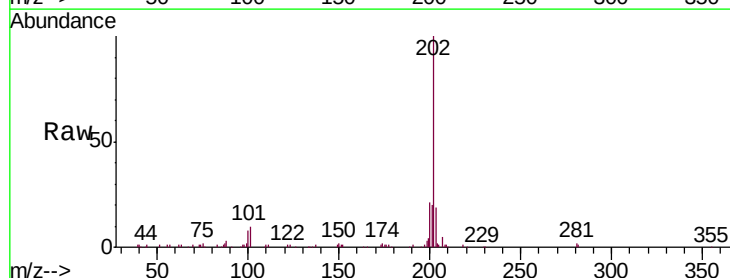
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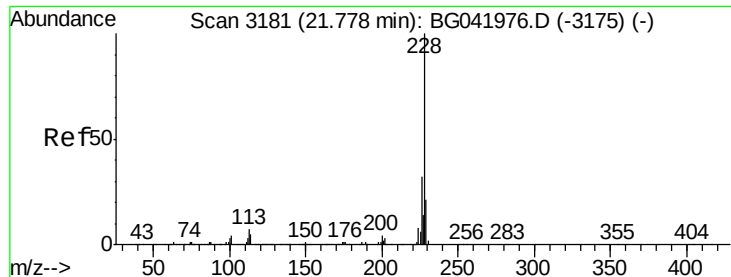
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	192667		
101	7.1		6.7	10.1
100	5.7		5.3	7.9



#79
Pyrene
Concen: 1.073 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG041990.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	65107		
101	9.5		7.6	11.4
100	7.8		6.5	9.7





#84

Chrysene

Concen: 1.426 ng/ul

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041990.D

Acq: 6 Aug 2019 6:54

Instrument :

BNA_G

ClientSampleId :

ETNK6

Tgt Ion:228 Resp: 83198

Ion Ratio Lower Upper

228 100

226 27.6 25.7 38.5

229 19.6 16.6 24.8

