

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042216.D
 Acq On : 14 Aug 2019 19:01
 Operator : HP/JU
 Sample : K4215-17
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOD0

Quant Time: Aug 15 10:20:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	87609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	354646	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	240159	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	488311	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	488013	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	567912	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	6666	3.33	ng/uL	0.00
5) Phenol-d5	7.18	99	165204	24.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	84254	21.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	151643	25.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	140909	24.41	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	76412	28.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	95025	30.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	174029	27.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	202893	29.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	524326	28.15	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	607749	28.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	50859	16.26	ng/ul	0.00
57) Fluorene-d10	15.68	176	453026	27.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	49154	15.69	ng/ul	0.00
70) Anthracene-d10	17.54	188	652207	27.84	ng/ul	0.00
78) Pyrene-d10	19.82	212	757623	27.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	877423	29.57	ng/ul	0.00

Target Compounds

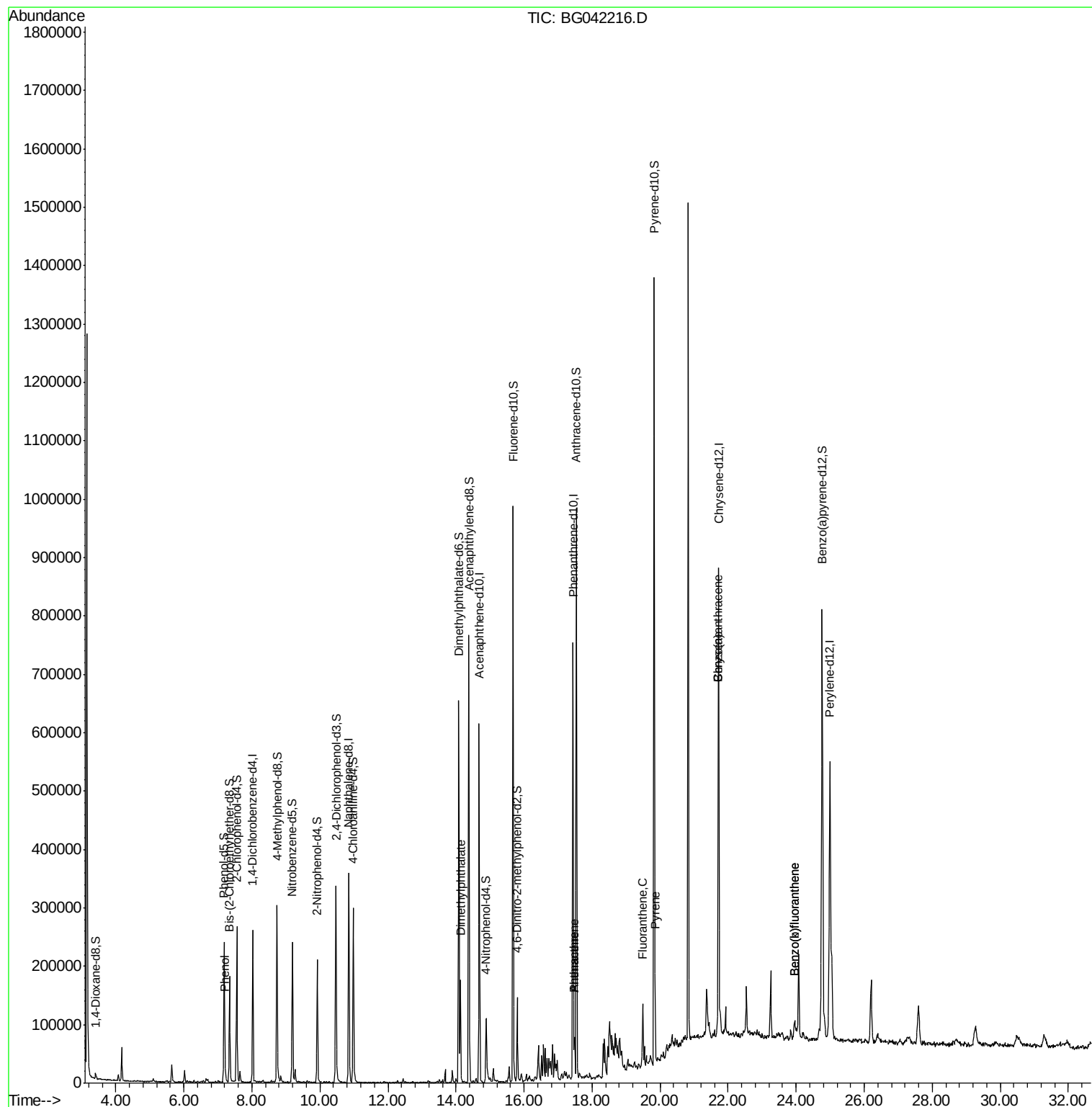
					Ovalue
6) Phenol	7.21	94	16438	2.316 ng/ul	94
44) Dimethylphthalate	14.13	163	130397	7.051 ng/ul	98
69) Phenanthrene	17.48	178	44467	1.663 ng/ul	97
71) Anthracene	17.48	178	44467	1.640 ng/ul	97
76) Fluoranthene	19.49	202	70634	2.287 ng/ul	98
79) Pyrene	19.85	202	61760	1.881 ng/ul#	97
82) Benzo(a)anthracene	21.70	228	36141	1.068 ng/ul	99
84) Chrysene	21.70	228	36561	1.158 ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	43230	1.213 ng/ul	99
88) Benzo(k)fluoranthene	23.95	252	43230	1.262 ng/ul	99

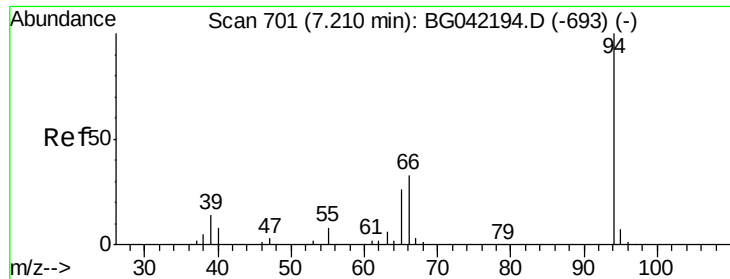
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.316 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042216.D

Acq: 14 Aug 2019 19:01

Instrument :

BNA_G

ClientSampleId :

ETOD0

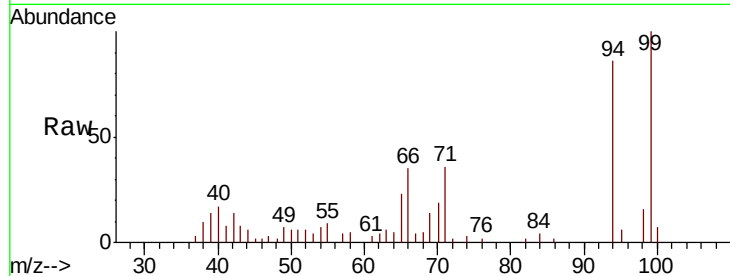
Tot Ion: 94 Resp: 16438

Ion Ratio Lower Upper

94 100

65 26.7 25.8 38.6

66 41.2 31.8 47.8

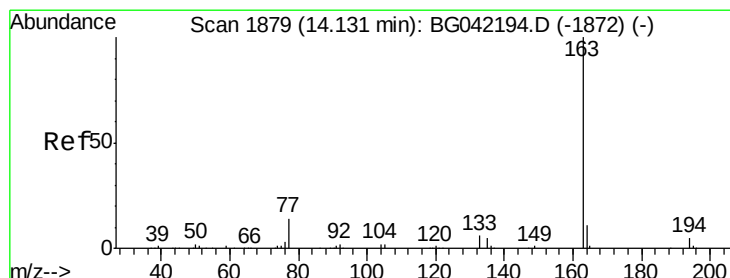
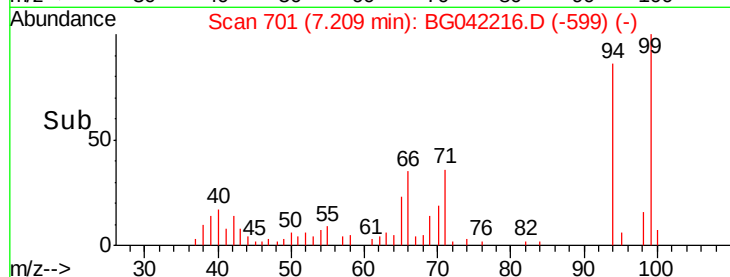
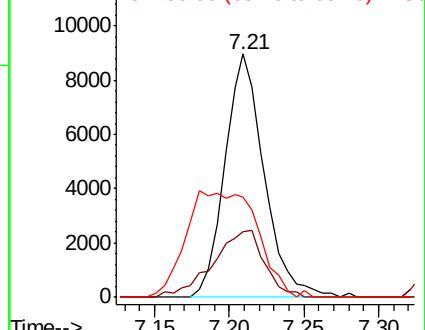


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 7.051 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG042216.D

Acq: 14 Aug 2019 19:01

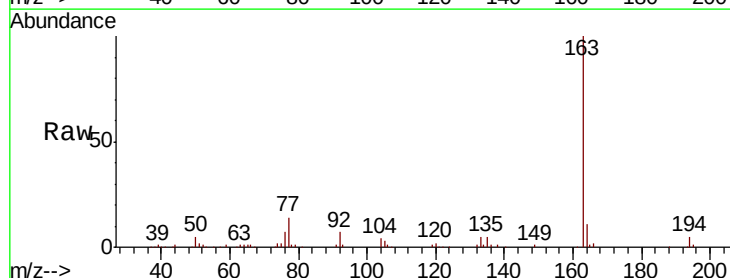
Tgt Ion:163 Resp: 130397

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

164 11.0 7.8 11.8

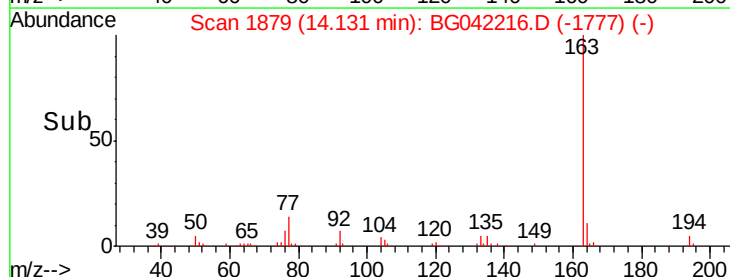
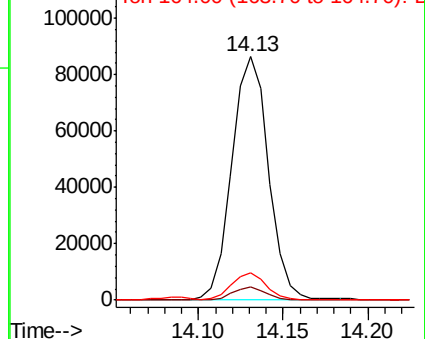


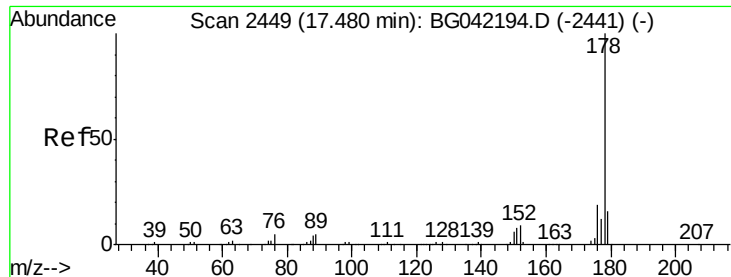
Abundance

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





#69

Phenanthrene

Concen: 1.663 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG042216.D

Acq: 14 Aug 2019 19:01

Instrument :

BNA_G

ClientSampleId :

ETOD0

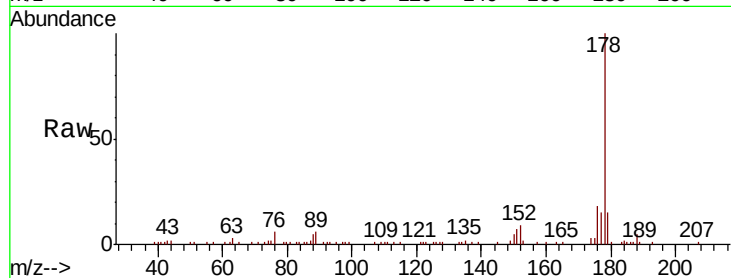
Tot Ion:178 Resp: 44467

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.8	19.2
176	18.3	15.4	23.2

178 100

179 14.7 12.8 19.2

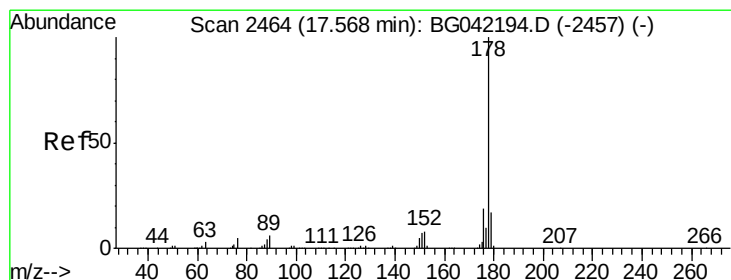
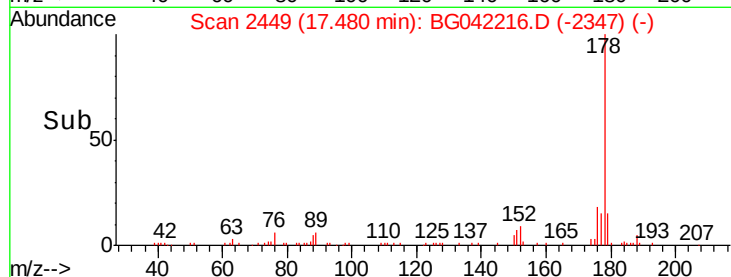
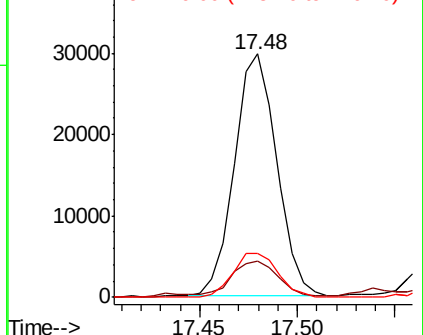
176 18.3 15.4 23.2



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: 1.640 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.09 min

Lab File: BG042216.D

Acq: 14 Aug 2019 19:01

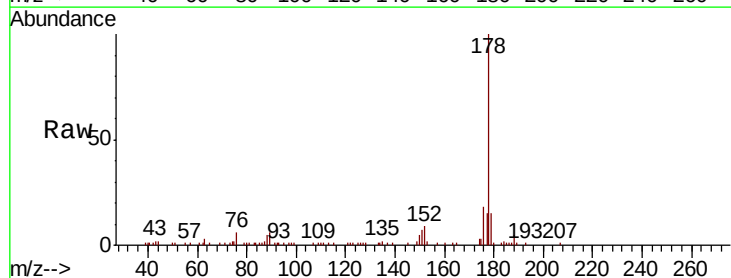
Tgt Ion:178 Resp: 44467

Ion	Ratio	Lower	Upper
178	100		
179	14.7	13.4	20.0
176	18.3	15.4	23.2

178 100

179 14.7 13.4 20.0

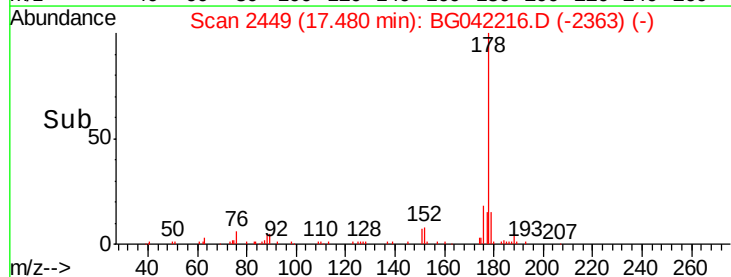
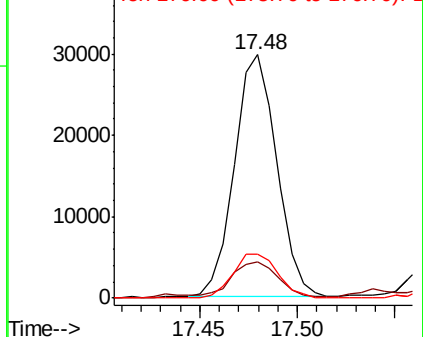
176 18.3 15.4 23.2

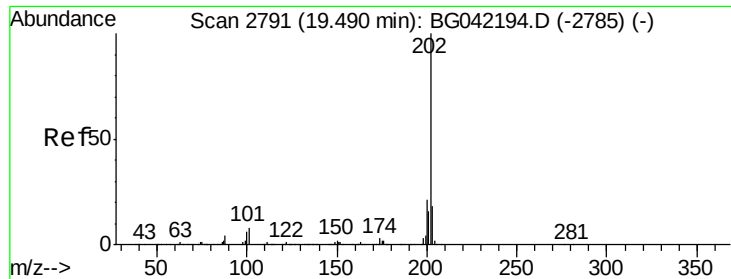


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.287 ng/ul

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG042216.D

Acq: 14 Aug 2019 19:01

Instrument :

BNA_G

ClientSampleId :

ETOD0

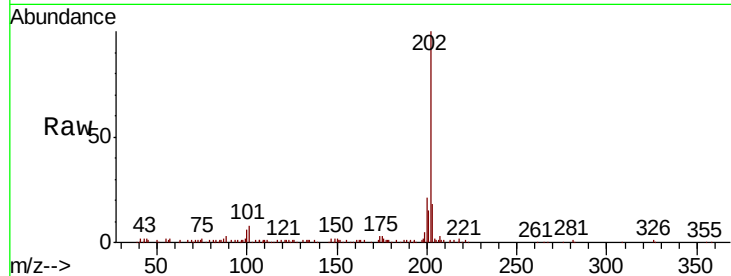
Tot Ion:202 Resp: 70634

Ion Ratio Lower Upper

202 100

101 7.7 6.7 10.1

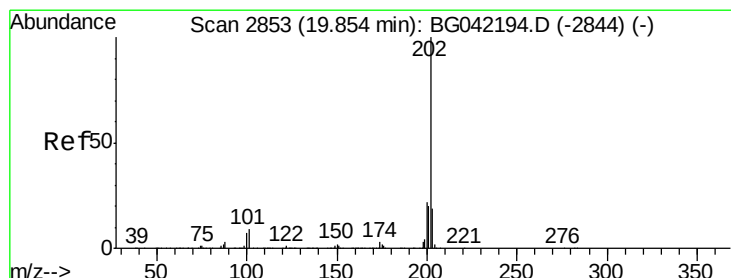
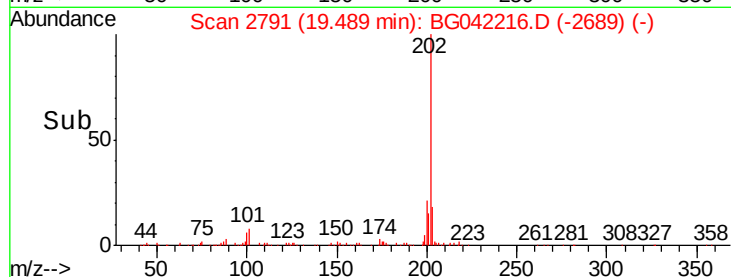
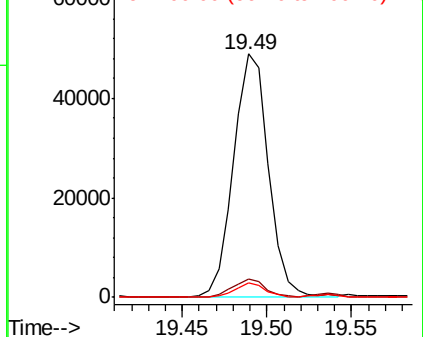
100 5.8 5.3 7.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 1.881 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG042216.D

Acq: 14 Aug 2019 19:01

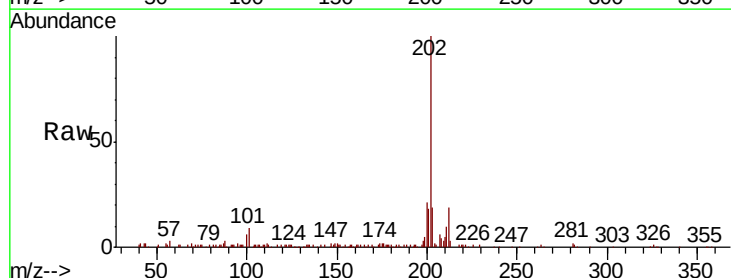
Tgt Ion:202 Resp: 61760

Ion Ratio Lower Upper

202 100

101 9.4 7.6 11.4

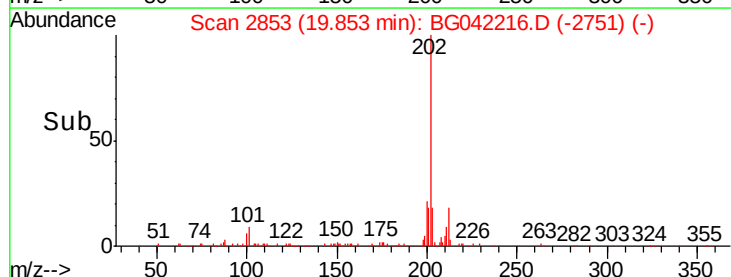
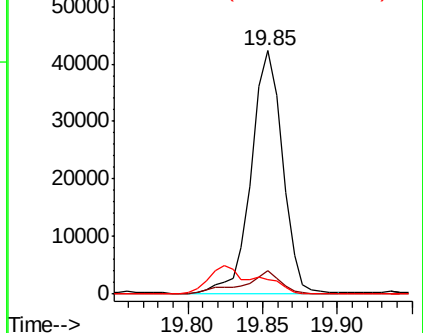
100 6.0 6.5 9.7#

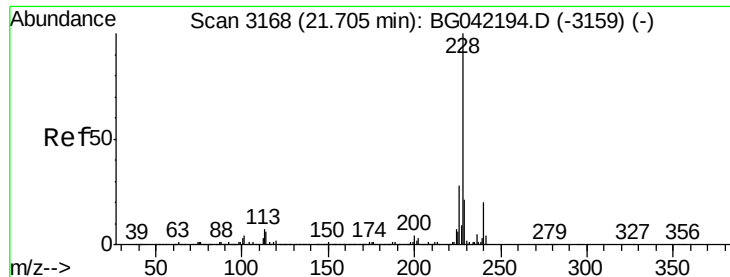


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

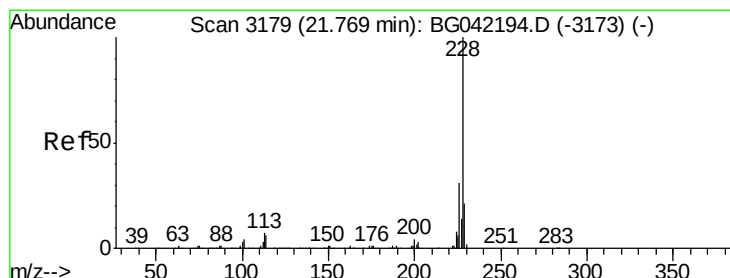
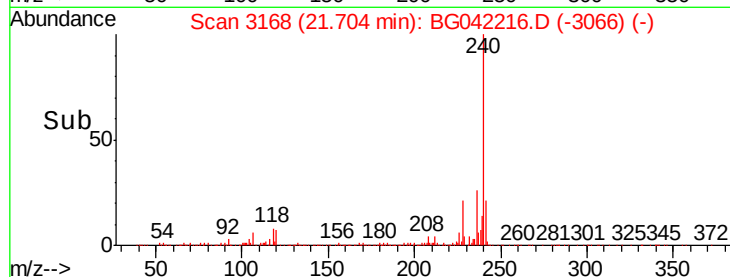
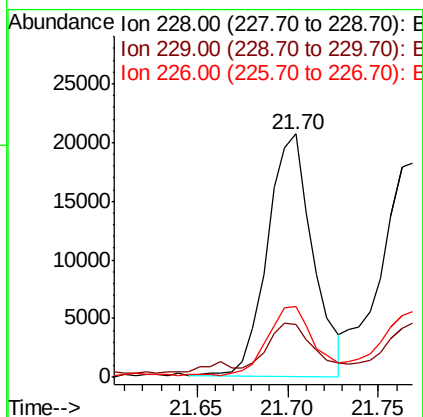
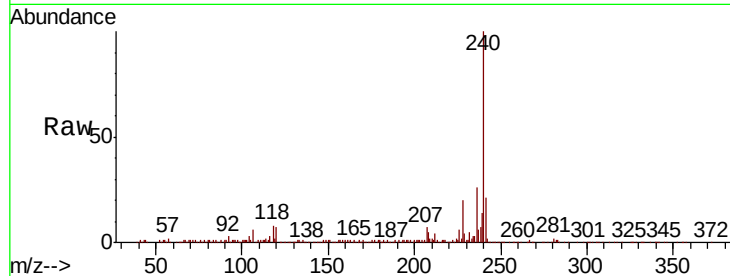




#82
Benzo(a)anthracene
Concen: 1.068 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042216.D
Acq: 14 Aug 2019 19:01

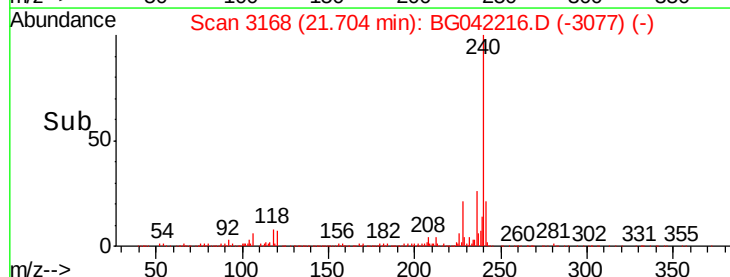
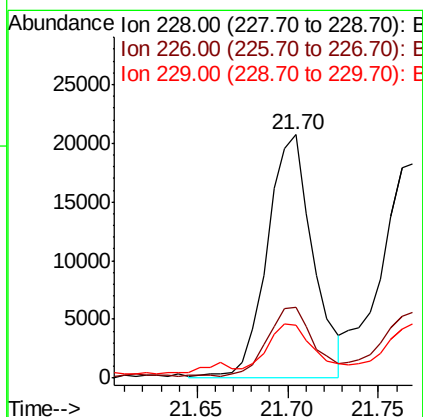
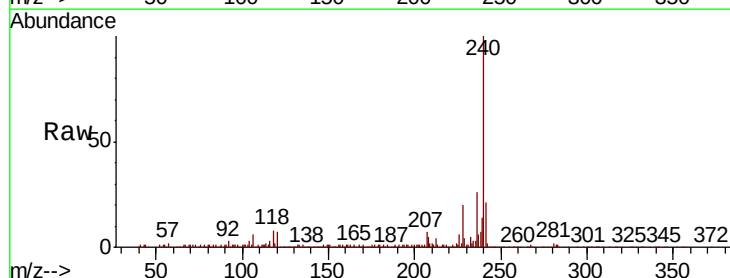
Instrument :
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ClientSampleId :
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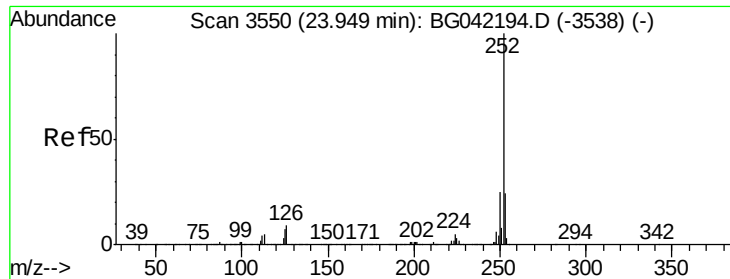
Tot Ion:228 Resp: 36141
Ion Ratio Lower Upper
228 100
229 21.8 17.0 25.6
226 28.9 23.3 34.9



#84
Chrysene
Concen: 1.158 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. -0.06 min
Lab File: BG042216.D
Acq: 14 Aug 2019 19:01

Tgt Ion:228 Resp: 36561
Ion Ratio Lower Upper
228 100
226 28.9 25.7 38.5
229 21.8 16.6 24.8

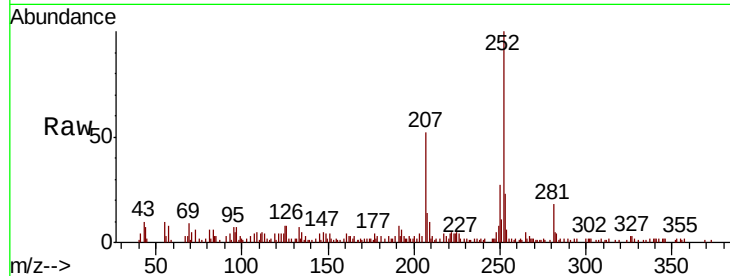




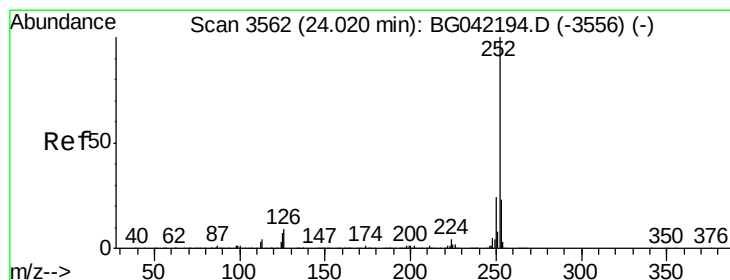
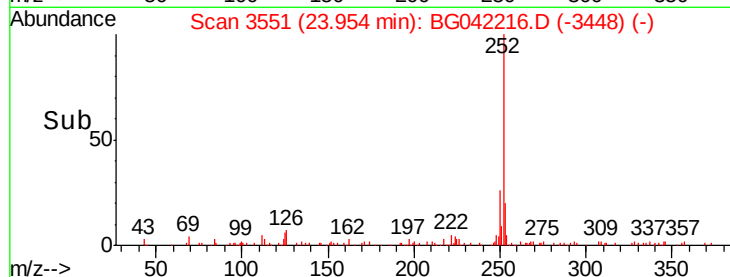
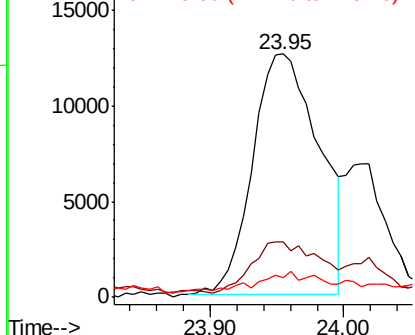
#87
Benzo(b)fluoranthene
Concen: 1.213 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. 0.01 min
Lab File: BG042216.D
Acq: 14 Aug 2019 19:01

Instrument :
BNA_G
ClientSampleId :
ETOD0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	8.0	5.8	8.8

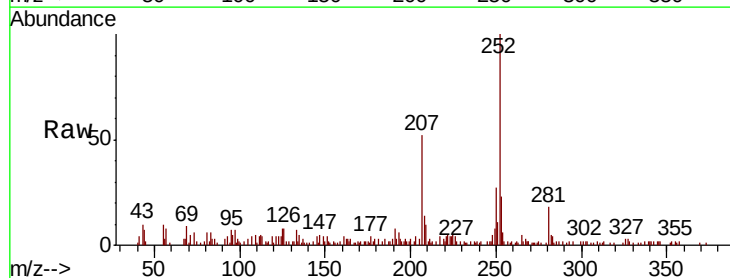


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 1.262 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. -0.06 min
Lab File: BG042216.D
Acq: 14 Aug 2019 19:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	8.0	5.5	8.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

