

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042215.D
 Acq On : 14 Aug 2019 18:22
 Operator : HP/JU
 Sample : K4215-24
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOD4

Quant Time: Aug 15 10:20:18 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	105360	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	423599	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	283648	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	576515	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	568289	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	672144	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	6986	2.90	ng/uL	0.00
5) Phenol-d5	7.19	99	173720	21.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	88225	19.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	160101	22.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	149475	21.53	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	81096	25.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	99549	26.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	178799	23.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	207118	24.97	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	554576	25.21	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	637349	25.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	68349	18.50	ng/ul	0.00
57) Fluorene-d10	15.68	176	479799	24.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	68965	18.64	ng/ul	0.00
70) Anthracene-d10	17.54	188	728773	26.35	ng/ul	0.00
78) Pyrene-d10	19.82	212	877669	27.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1034246	29.45	ng/ul	0.00

Target Compounds

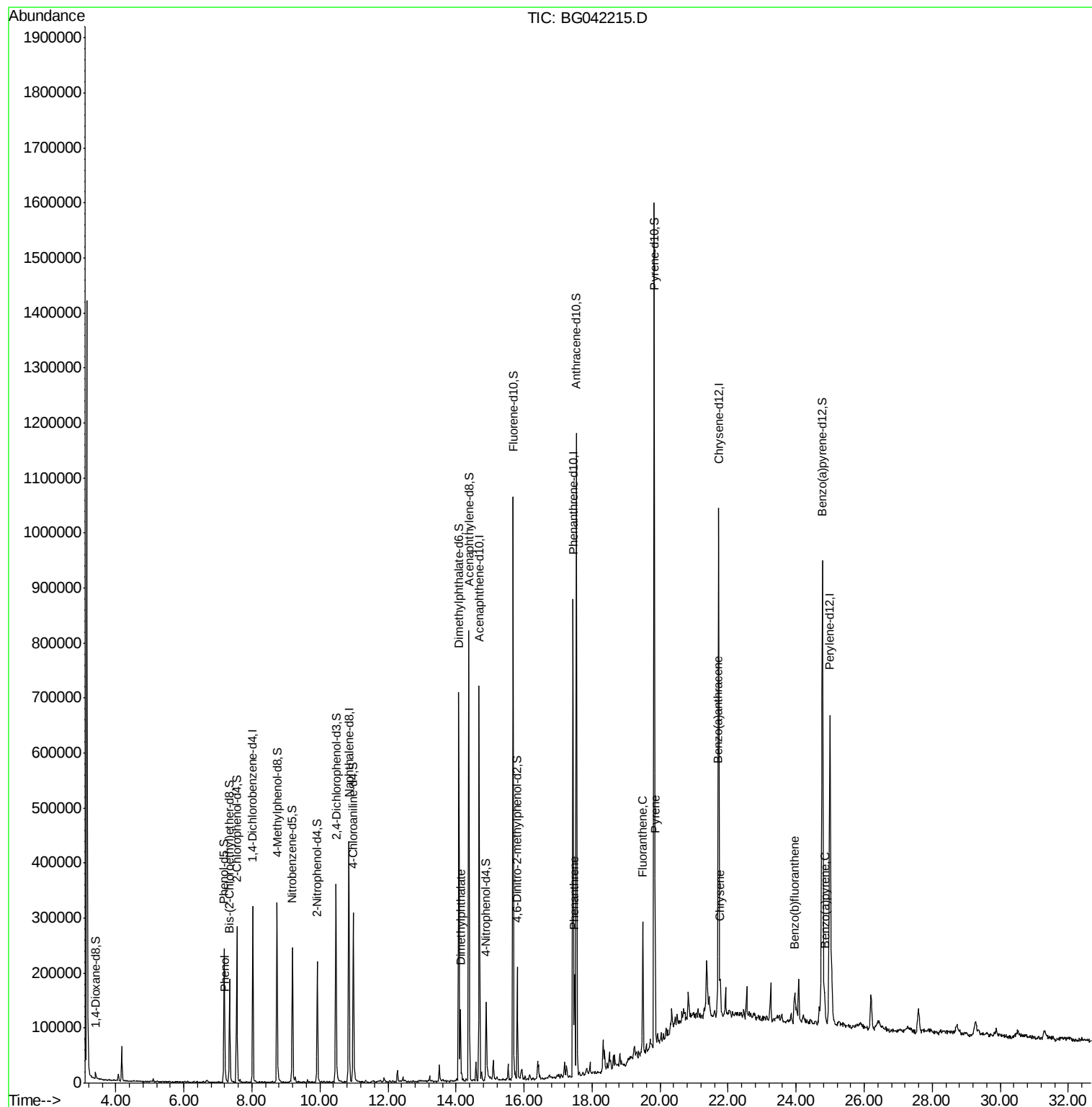
					Ovalue
6) Phenol	7.21	94	13865	1.625	ng/ul 96
44) Dimethylphthalate	14.13	163	90846	4.159	ng/ul 98
69) Phenanthrene	17.48	178	123716	3.920	ng/ul 98
76) Fluoranthene	19.49	202	164842	4.520	ng/ul 97
79) Pyrene	19.85	202	148958	3.897	ng/ul 96
82) Benzo(a)anthracene	21.70	228	72040	1.828	ng/ul 98
84) Chrysene	21.77	228	65701	1.787	ng/ul 95
87) Benzo(b)fluoranthene	23.95	252	77227	1.831	ng/ul 98
90) Benzo(a)pyrene	24.84	252	61584	1.532	ng/ul 96

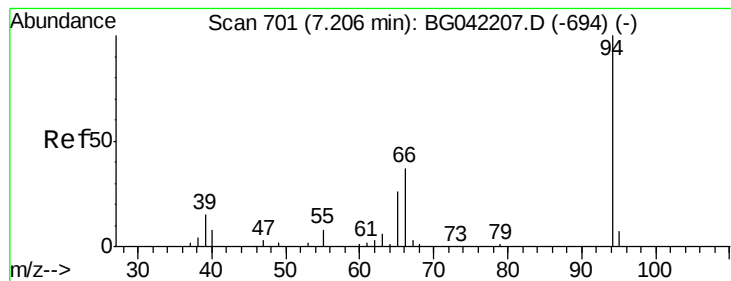
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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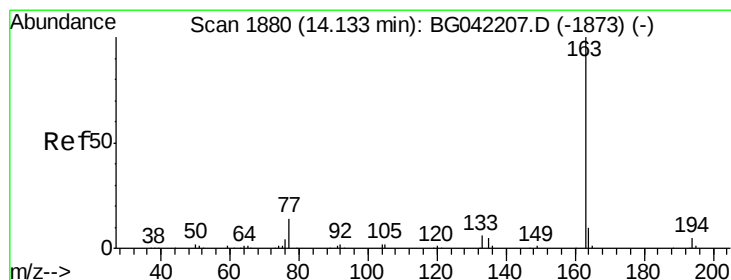
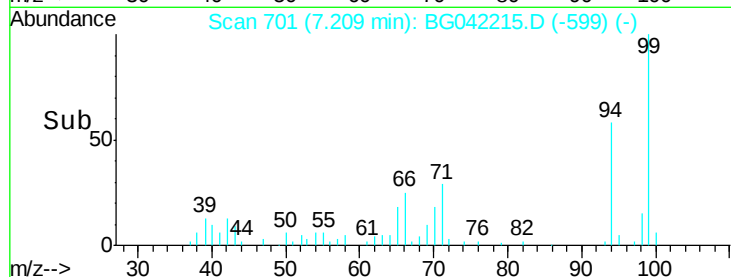
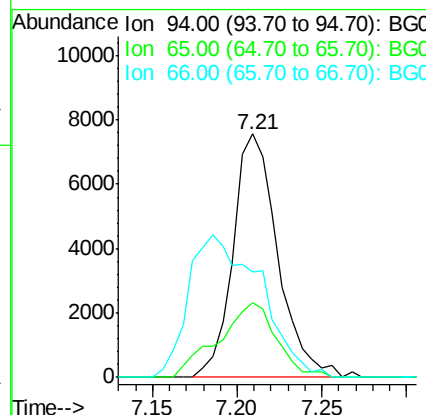
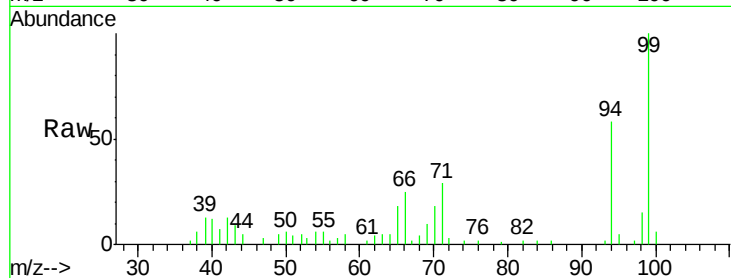
#6

Phenol

Concen: 1.625 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042215.D
 Acq: 14 Aug 2019 18:22

Instrument :
 BNA_G
 ClientSampleID :
 ETOD4

Tot Ion: 94 Resp: 13865
 Ion Ratio Lower Upper
 94 100
 65 30.6 25.8 38.6
 66 43.1 31.8 47.8

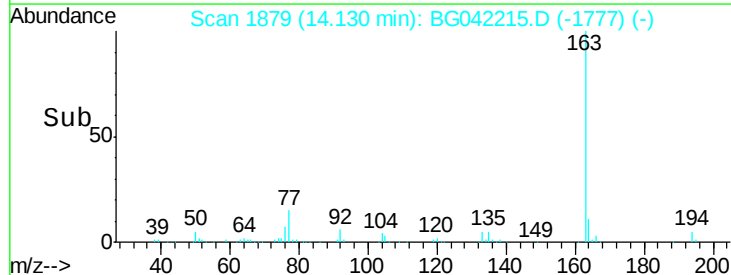
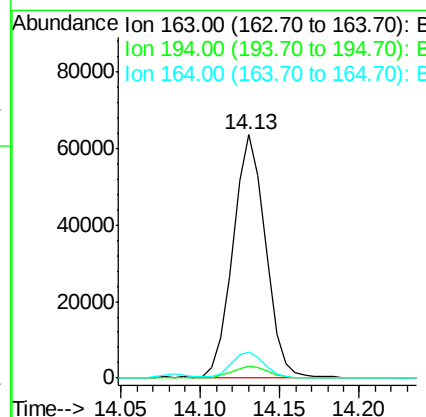
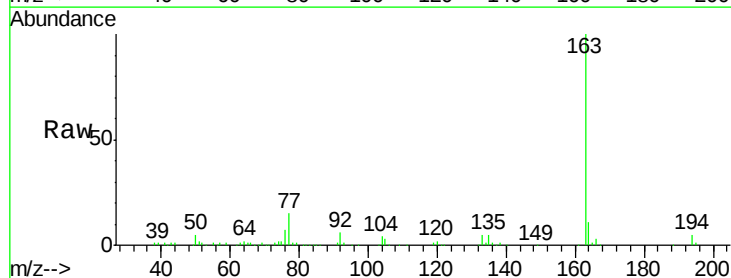


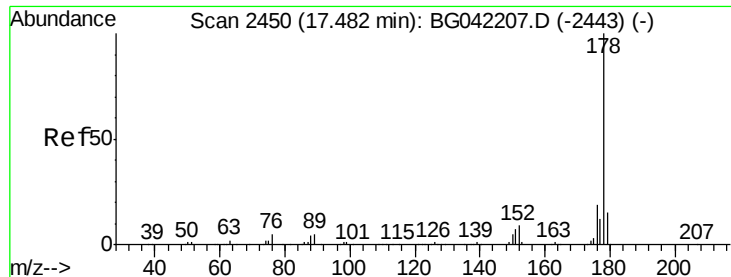
#44

Dimethylphthalate

Concen: 4.159 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG042215.D
 Acq: 14 Aug 2019 18:22

Tgt Ion: 163 Resp: 90846
 Ion Ratio Lower Upper
 163 100
 194 4.7 4.2 6.2
 164 10.7 7.8 11.8





#69

Phenanthrene

Concen: 3.920 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042215.D

Acq: 14 Aug 2019 18:22

Instrument :

BNA_G

ClientSampled :

ETOD4

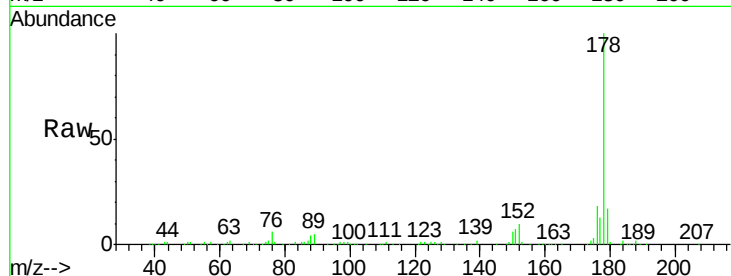
Tot Ion:178 Resp: 123716

Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

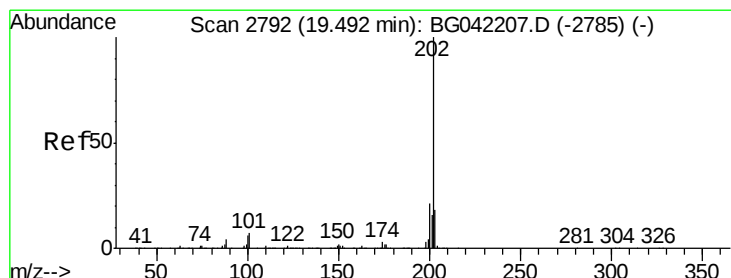
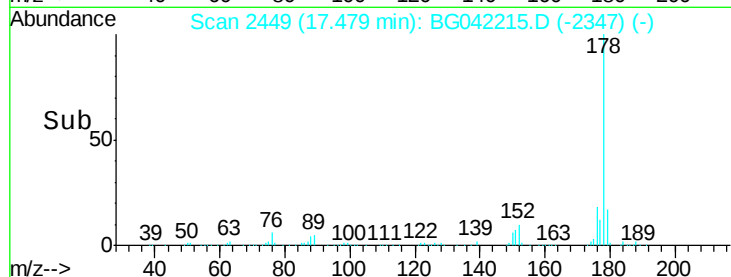
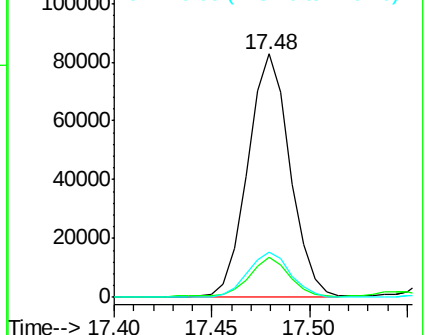
176 18.4 15.4 23.2



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: 4.520 ng/ul

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042215.D

Acq: 14 Aug 2019 18:22

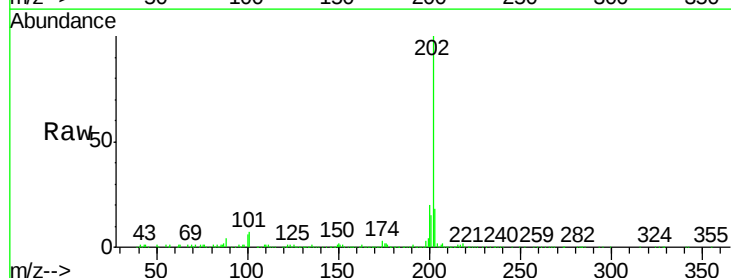
Tgt Ion:202 Resp: 164842

Ion Ratio Lower Upper

202 100

101 7.2 6.7 10.1

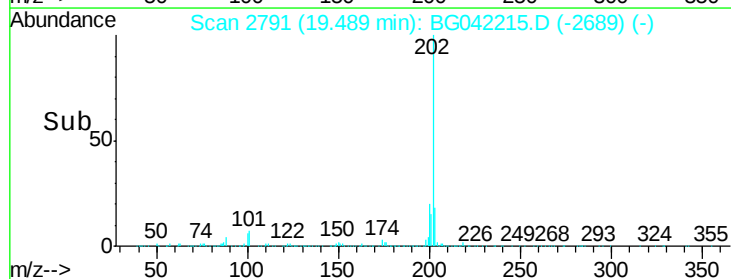
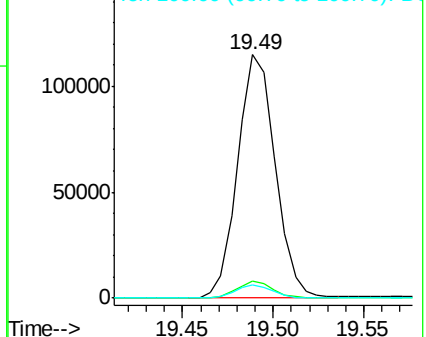
100 5.6 5.3 7.9

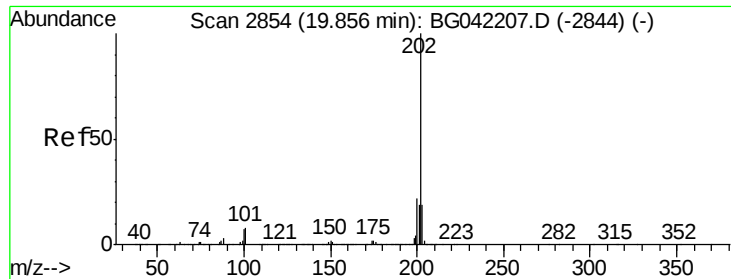


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 3.897 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042215.D

Acq: 14 Aug 2019 18:22

Instrument :

BNA_G

ClientSampleId :

ETOD4

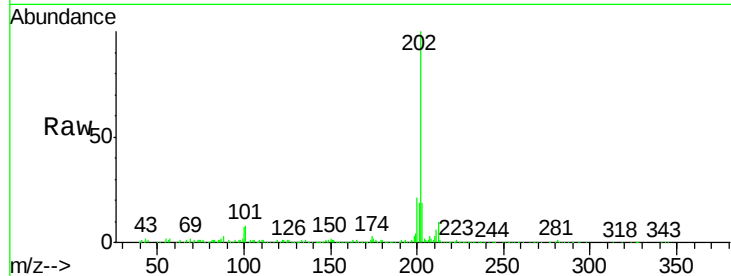
Tot Ion:202 Resp: 148958

Ion Ratio Lower Upper

202 100

101 7.7 7.6 11.4

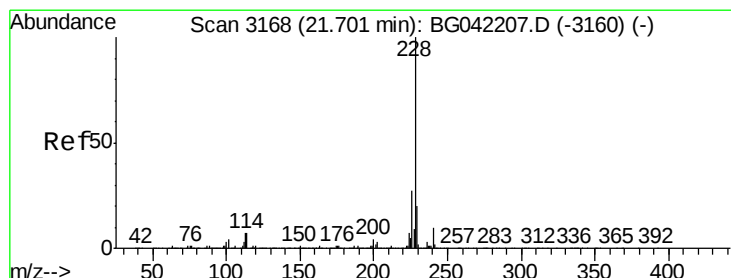
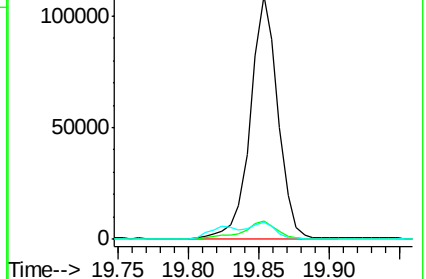
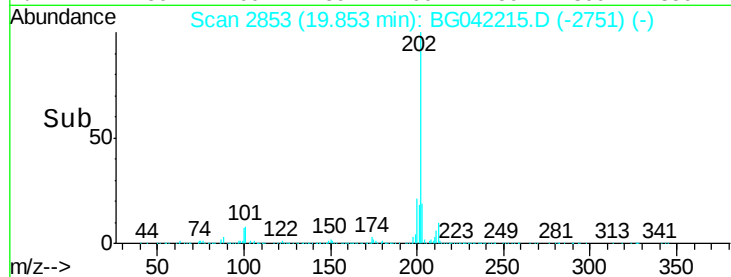
100 6.9 6.5 9.7



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): E



#82

Benzo(a)anthracene

Concen: 1.828 ng/ul

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042215.D

Acq: 14 Aug 2019 18:22

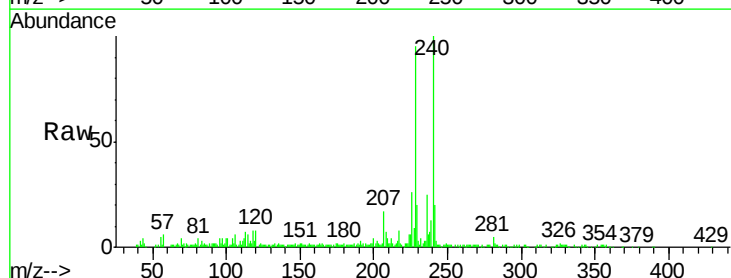
Tgt Ion:228 Resp: 72040

Ion Ratio Lower Upper

228 100

229 21.3 17.0 25.6

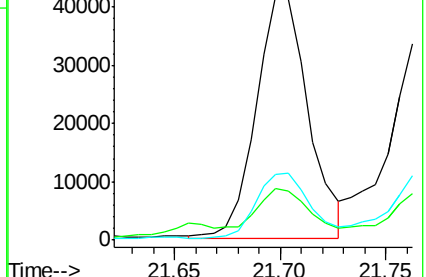
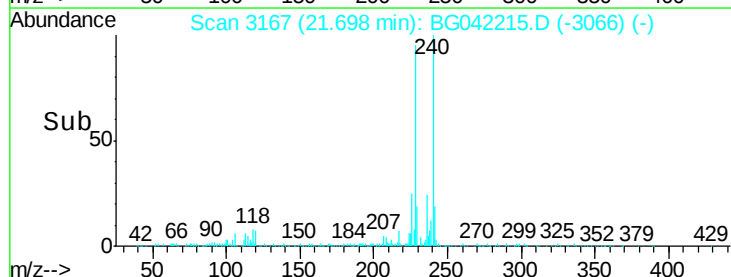
226 27.2 23.3 34.9

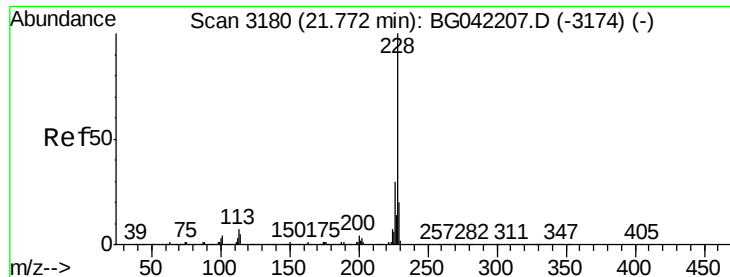


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.787 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG042215.D

Acq: 14 Aug 2019 18:22

Instrument :

BNA_G

ClientSampleId :

ETOD4

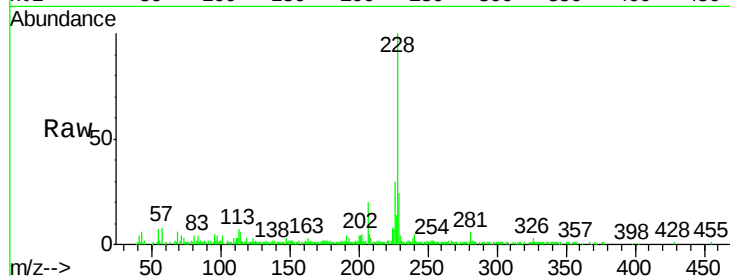
Tot Ion:228 Resp: 65701

Ion Ratio Lower Upper

228 100

226 30.0 25.7 38.5

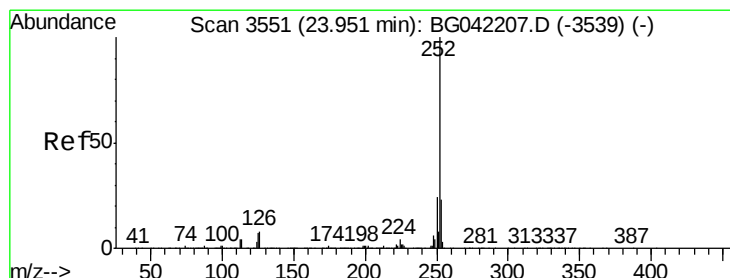
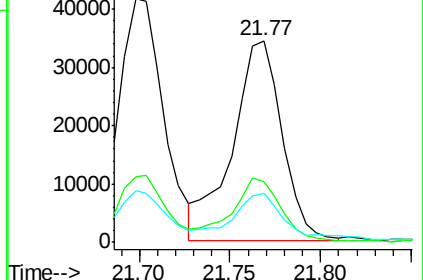
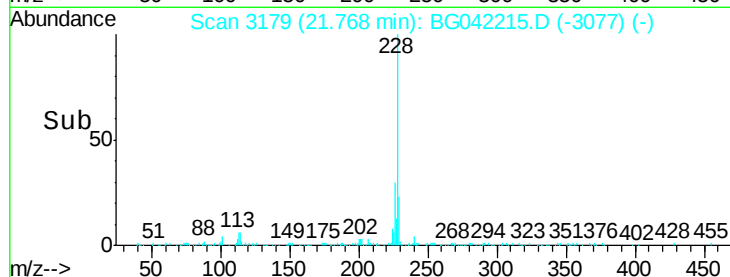
229 24.5 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 1.831 ng/ul

RT: 23.95 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG042215.D

Acq: 14 Aug 2019 18:22

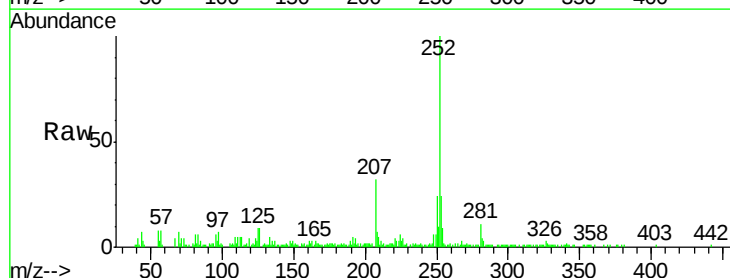
Tgt Ion:252 Resp: 77227

Ion Ratio Lower Upper

252 100

253 23.9 18.4 27.6

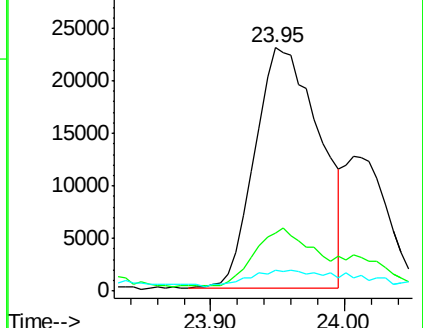
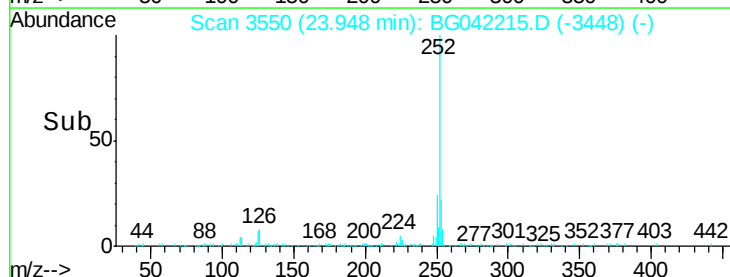
125 8.7 5.8 8.8

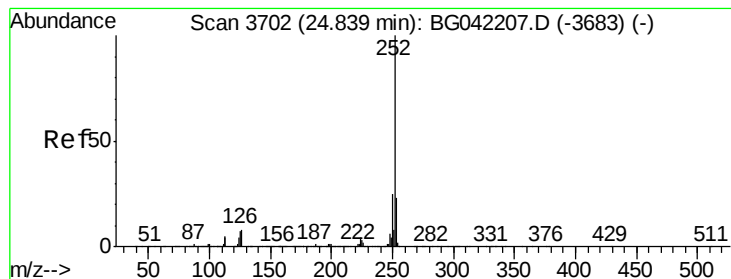


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.532 ng/ul

RT: 24.84 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BG042215.D

Acq: 14 Aug 2019 18:22

Instrument :

BNA_G

ClientSampleId :

ETOD4

Tot Ion:252 Resp: 61584

Ion Ratio Lower Upper

252 100

253 25.3 18.3 27.5

125 9.0 6.5 9.7

