

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042018.D
 Acq On : 7 Aug 2019 4:42
 Operator : HP/JU
 Sample : K4029-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENY5

Quant Time: Aug 07 07:53:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 02:32:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	63902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	276716	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	213372	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	501328	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	501349	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	580895	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3879	2.66	ng/uL	0.00
5) Phenol-d5	7.17	99	79200	15.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	46194	16.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	73604	17.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	63719	15.13	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	37802	18.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	46316	19.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	83485	17.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	83862	15.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	322249	19.47	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	354000	18.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	33474	12.05	ng/ul	0.00
57) Fluorene-d10	15.68	176	288914	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	44575	13.86	ng/ul	0.00
70) Anthracene-d10	17.53	188	464283	19.30	ng/ul	0.00
78) Pyrene-d10	19.82	212	535392	19.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.75	264	563785	18.58	ng/ul	0.00

Target Compounds

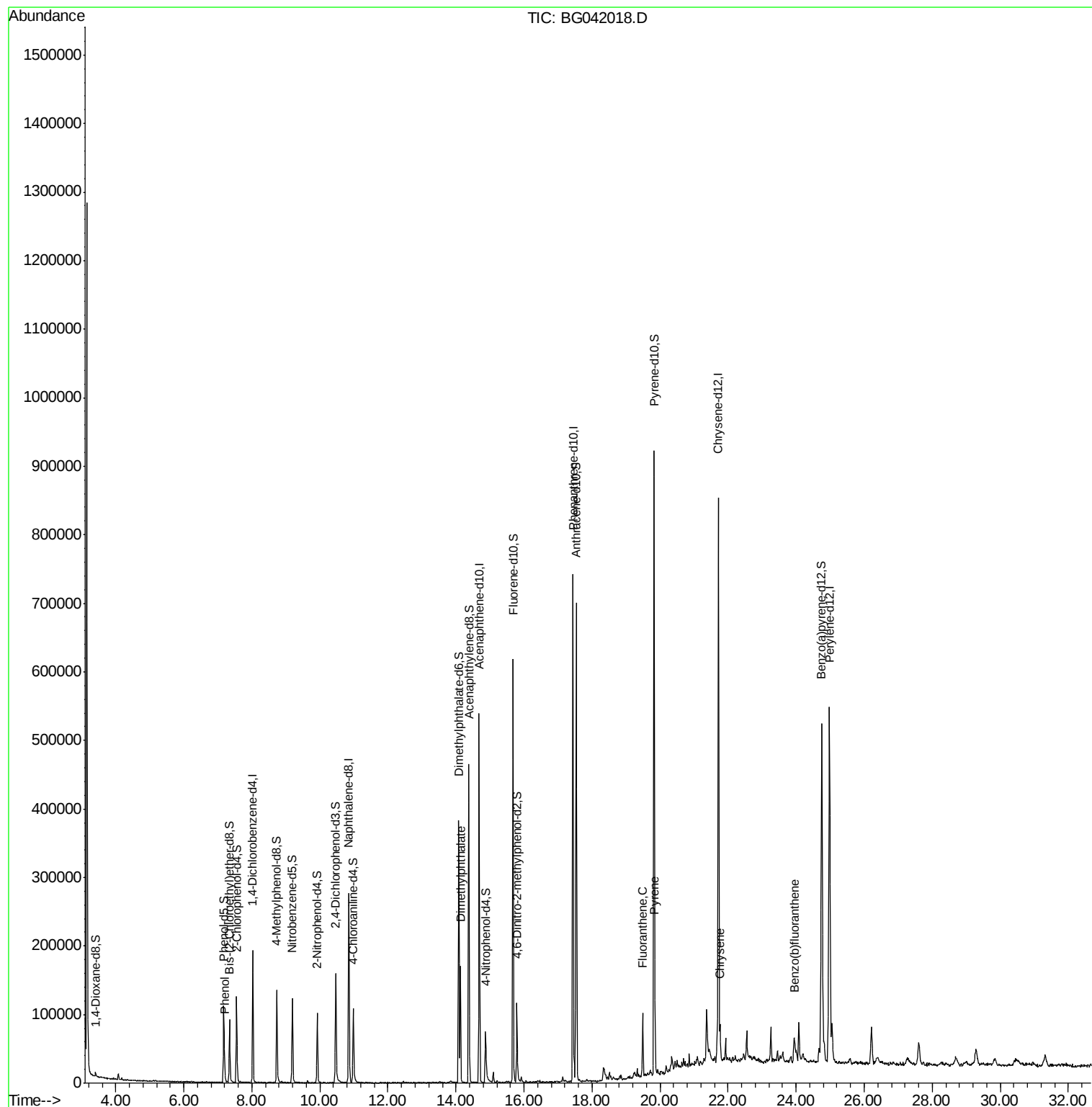
				Ovalue	
6) Phenol	7.20	94	6943	1.341	ng/ul# 91
44) Dimethylphthalate	14.13	163	125108	7.614	ng/ul 99
76) Fluoranthene	19.49	202	60358	1.903	ng/ul 98
79) Pyrene	19.85	202	55731	1.653	ng/ul 98
84) Chrysene	21.76	228	32915	1.015	ng/ul 94
87) Benzo(b)fluoranthene	23.94	252	46687	1.281	ng/ul 99

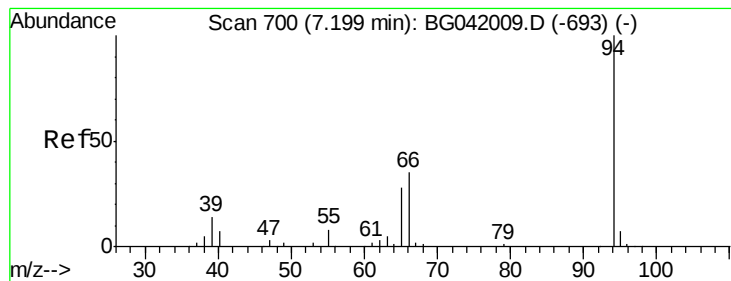
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.341 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG042018.D

Acq: 7 Aug 2019 4:42

Instrument :

BNA_G

ClientSampleId :

BENY5

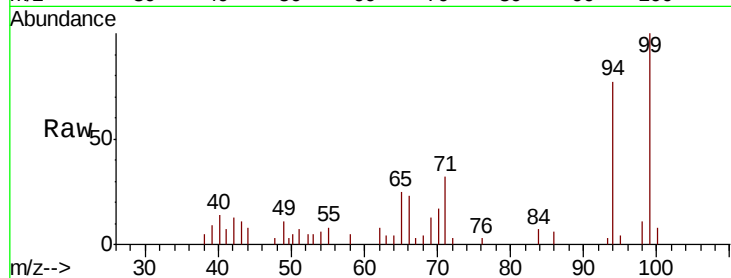
Tot Ion: 94 Resp: 6943

Ion Ratio Lower Upper

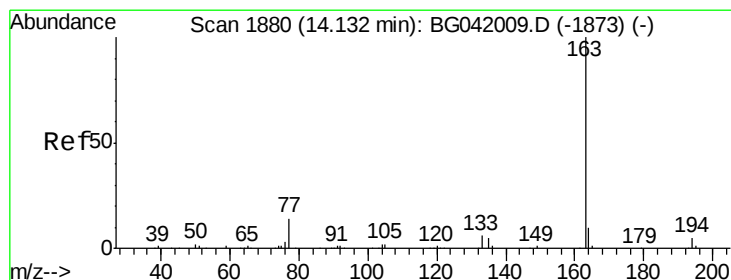
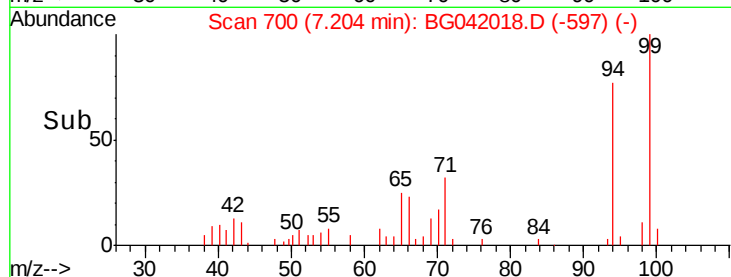
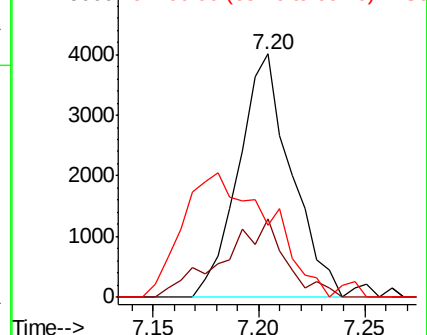
94 100

65 32.4 25.8 38.6

66 29.5 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: 7.614 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042018.D

Acq: 7 Aug 2019 4:42

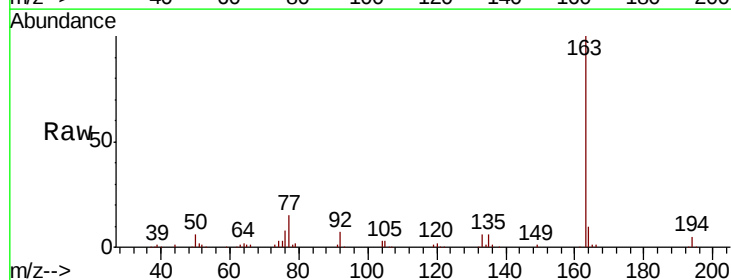
Tgt Ion:163 Resp: 125108

Ion Ratio Lower Upper

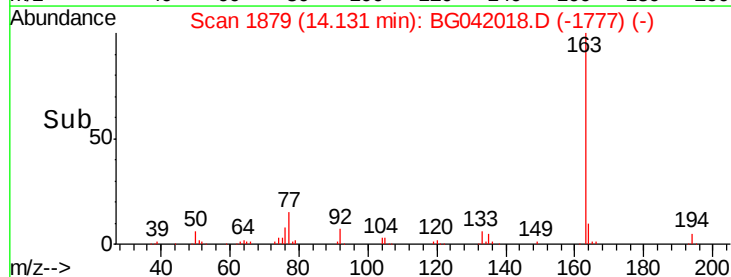
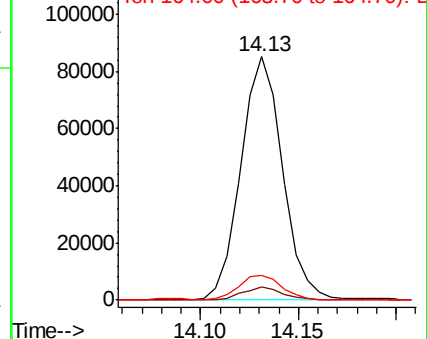
163 100

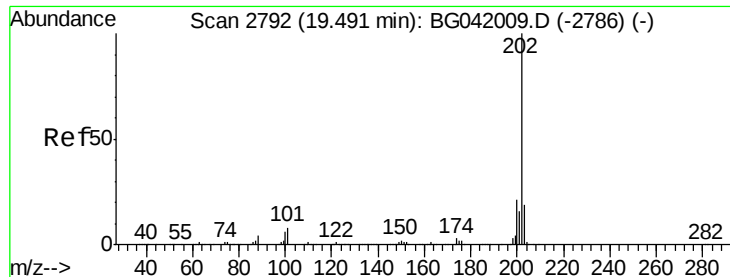
194 5.3 4.2 6.2

164 10.2 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





#76

Fluoranthene

Concen: 1.903 ng/ul

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042018.D

Acq: 7 Aug 2019 4:42

Instrument :

BNA_G

ClientSampleId :

BENY5

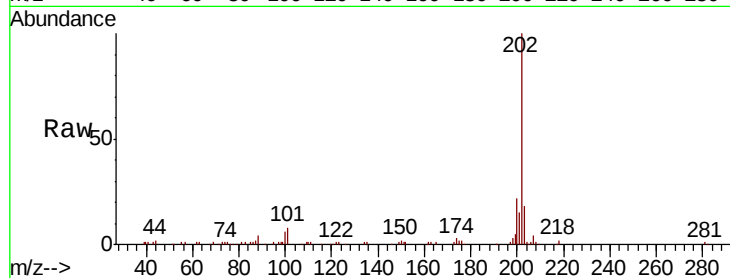
Tot Ion:202 Resp: 60358

Ion Ratio Lower Upper

202 100

101 7.8 6.7 10.1

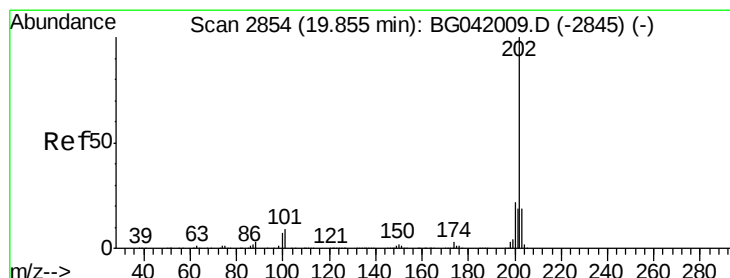
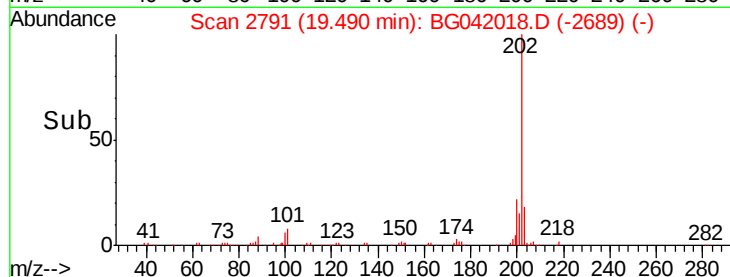
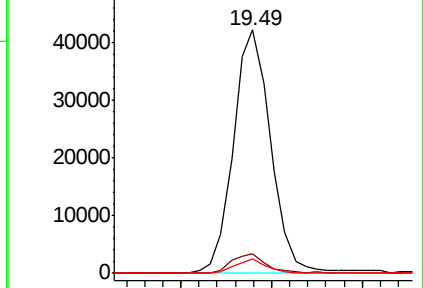
100 6.0 5.3 7.9



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: 1.653 ng/ul

RT: 19.85 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG042018.D

Acq: 7 Aug 2019 4:42

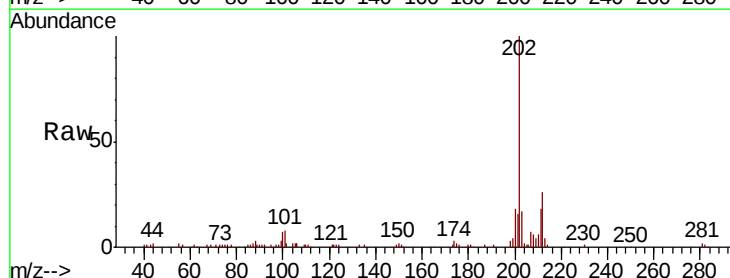
Tgt Ion:202 Resp: 55731

Ion Ratio Lower Upper

202 100

101 10.3 7.6 11.4

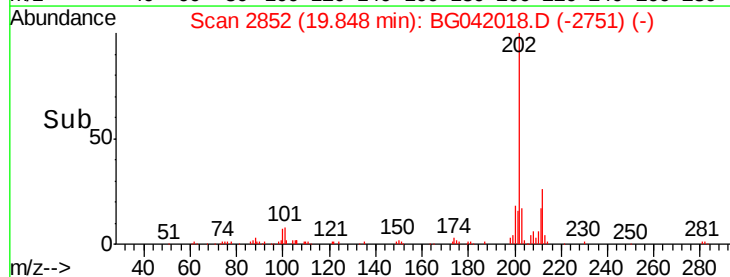
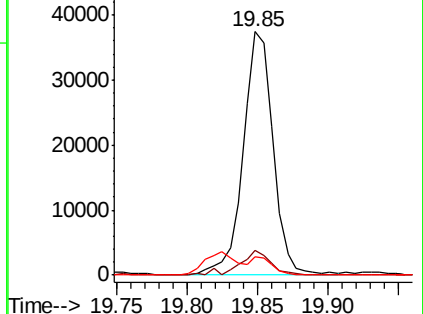
100 7.3 6.5 9.7

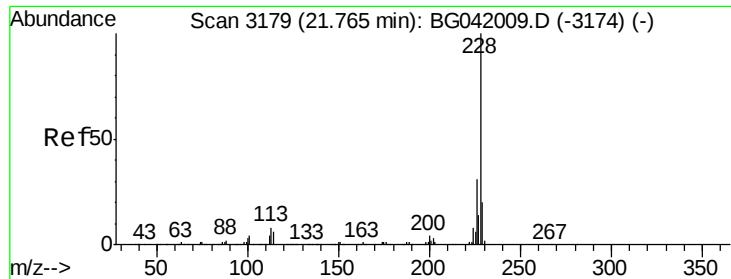


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#84

Chrysene

Concen: 1.015 ng/ul

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042018.D

Acq: 7 Aug 2019 4:42

Instrument :

BNA_G

ClientSampled :

BENY5

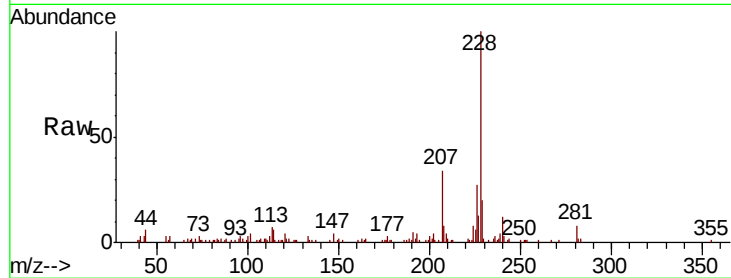
Tot Ion:228 Resp: 32915

Ion Ratio Lower Upper

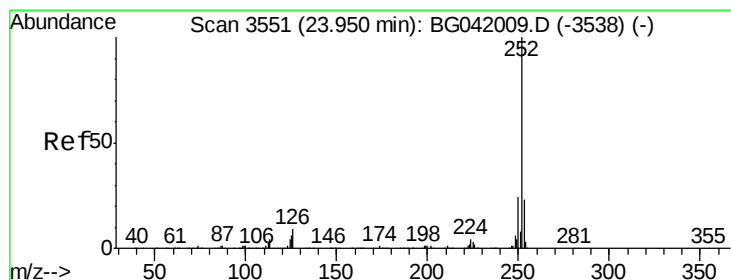
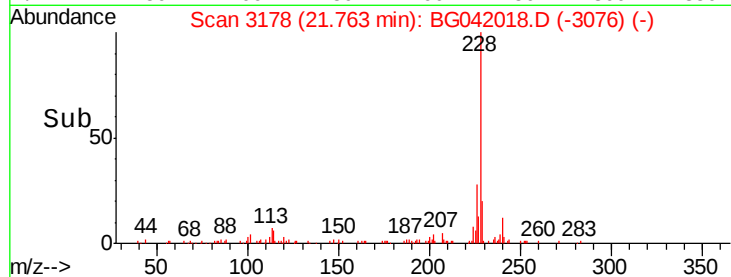
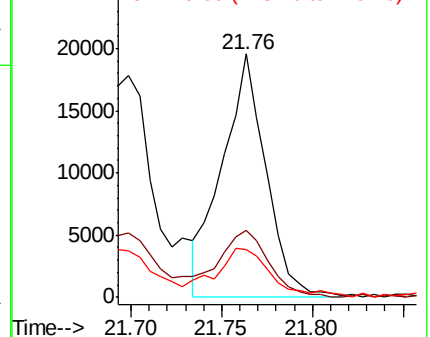
228 100

226 27.4 25.7 38.5

229 19.6 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: 1.281 ng/ul

RT: 23.94 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BG042018.D

Acq: 7 Aug 2019 4:42

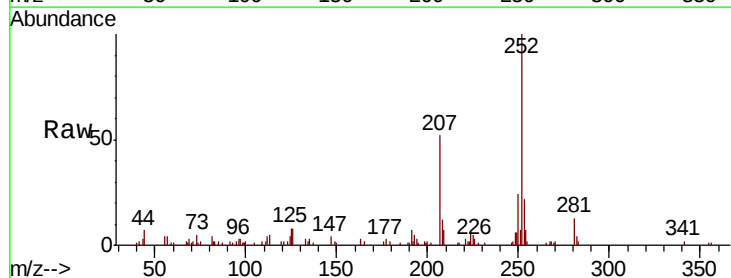
Tgt Ion:252 Resp: 46687

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

125 7.7 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

