

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029201.D
 Acq On : 13 Oct 2017 21:30
 Operator : SJ/JU
 Sample : I5772-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BE2N5

Quant Time: Oct 14 05:44:19 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 05:39:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	89028	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	385159	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	243099	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	577369	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	562235	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	557992	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13788	6.30	ng/uL	0.00
5) Phenol-d5	7.31	99	66573	7.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	175443	32.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	166072	27.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	125247	18.15	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	103754	37.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	106706	37.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	201831	31.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	18698	2.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	750699	36.12	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	886073	35.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	28542	7.44	ng/ul	0.00
57) Fluorene-d10	15.77	176	627263	36.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	84993	30.16	ng/ul	0.00
70) Anthracene-d10	17.62	188	990369	36.27	ng/ul	0.00
76) Pyrene-d10	19.90	212	1058368	36.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	960326	36.34	ng/ul	0.00

Target Compounds

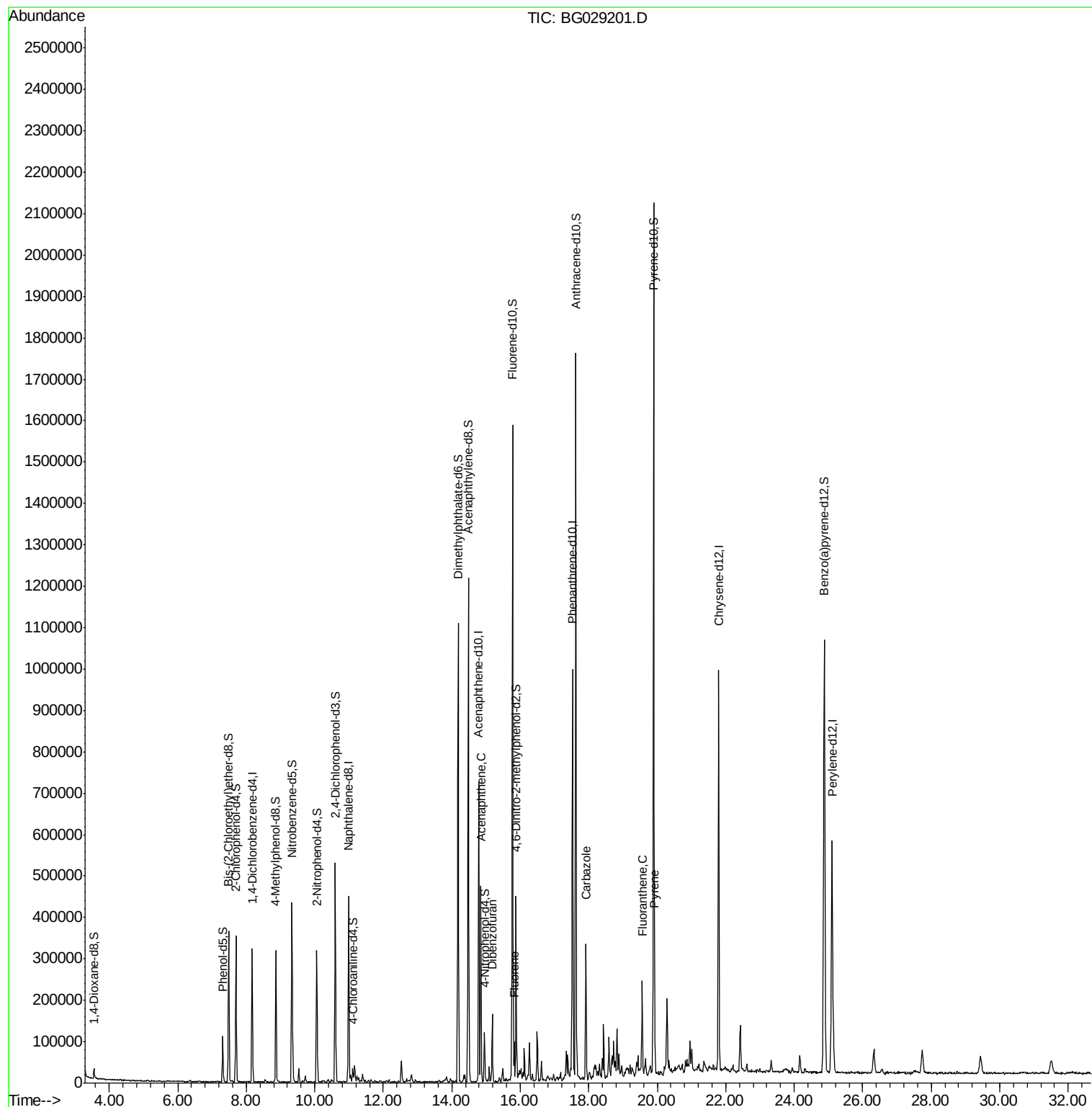
						Qvalue
49) Acenaphthene	14.85	153	195459	11.08	ng/ul	97
53) Dibenzofuran	15.18	168	107638	4.46	ng/ul	100
58) Fluorene	15.83	166	43287	2.25	ng/ul#	96
72) Carbazole	17.92	167	210805	7.28	ng/ul	99
74) Fluoranthene	19.56	202	127068	3.64	ng/ul#	92
77) Pyrene	19.92	202	71090	1.89	ng/ul#	91

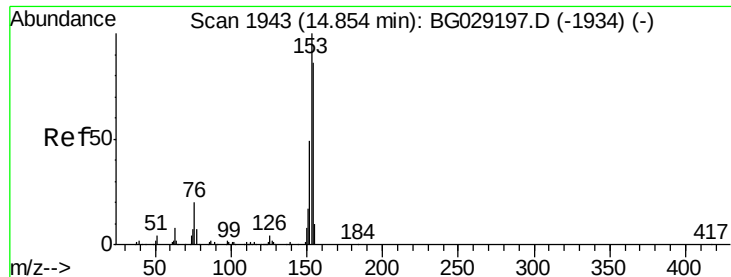
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#49

Acenaphthene

Concen: 11.08 ng/ul

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

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Acq: 13 Oct 2017 21:30

Instrument :

BNA_G

ClientSampleId :

BE2N5

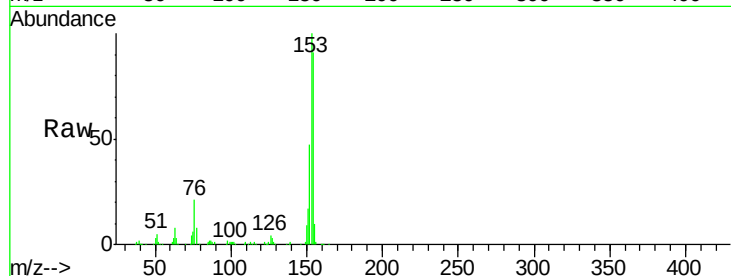
Tgt Ion:153 Resp: 195459

Ion Ratio Lower Upper

153 100

152 46.6 38.2 57.2

154 91.2 70.6 105.8

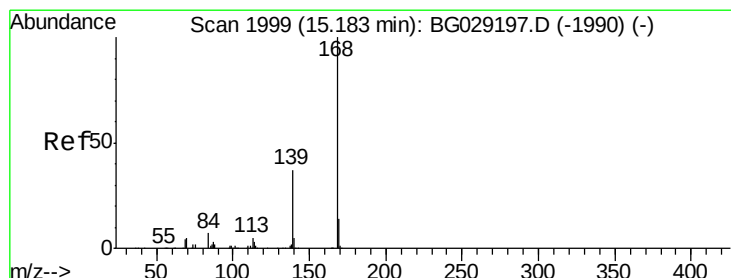
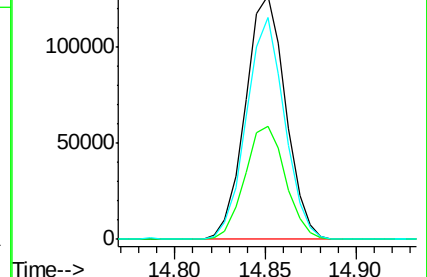
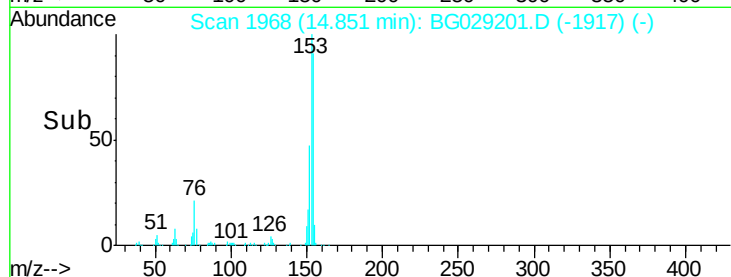


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.85



#53

Dibenzofuran

Concen: 4.46 ng/ul

RT: 15.18 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG029201.D

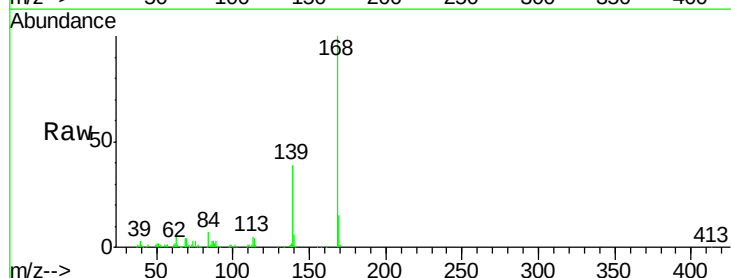
Acq: 13 Oct 2017 21:30

Tgt Ion:168 Resp: 107638

Ion Ratio Lower Upper

168 100

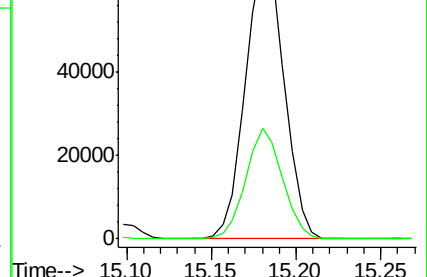
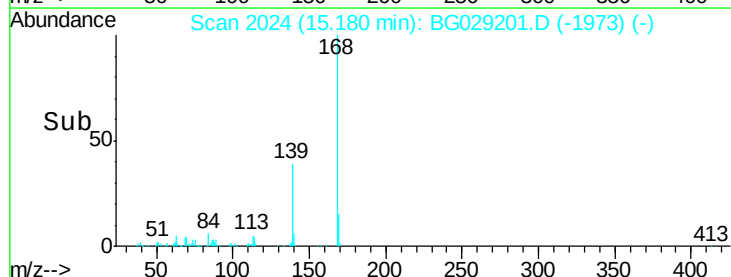
139 39.2 31.4 47.2

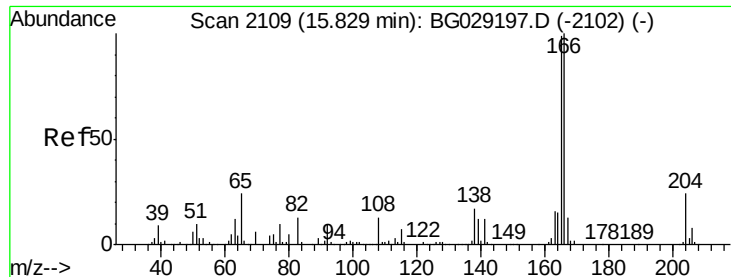


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.18





#58

Fluorene

Concen: 2.25 ng/ul

RT: 15.83 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG029201.D

Acq: 13 Oct 2017 21:30

Instrument :

BNA_G

ClientSampleId :

BE2N5

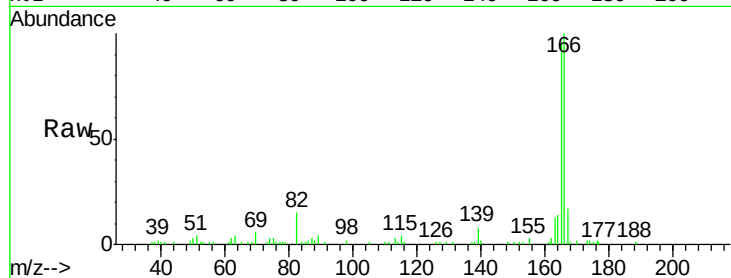
Tgt Ion:166 Resp: 43287

Ion Ratio Lower Upper

166 100

165 96.3 79.9 119.9

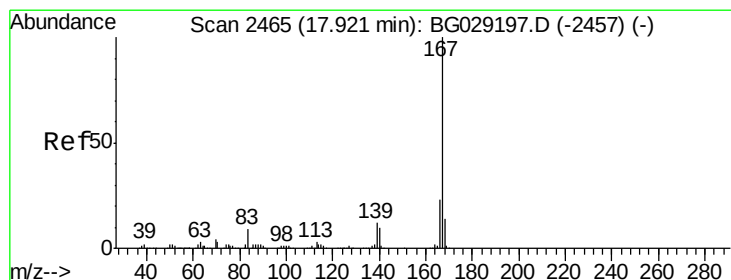
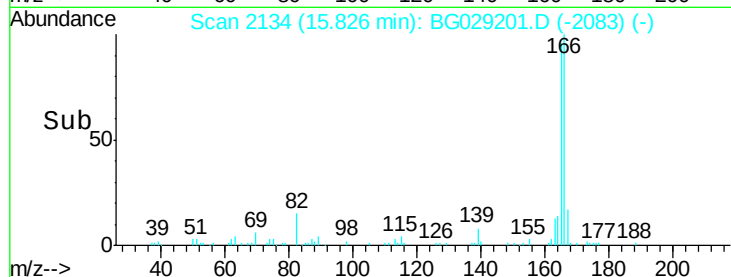
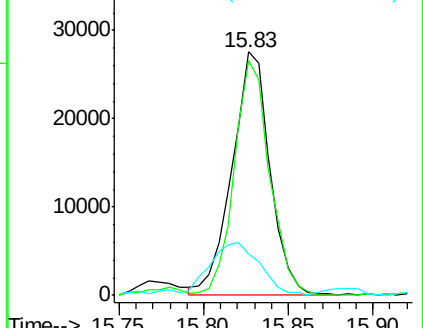
167 17.2 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#72

Carbazole

Concen: 7.28 ng/ul

RT: 17.92 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG029201.D

Acq: 13 Oct 2017 21:30

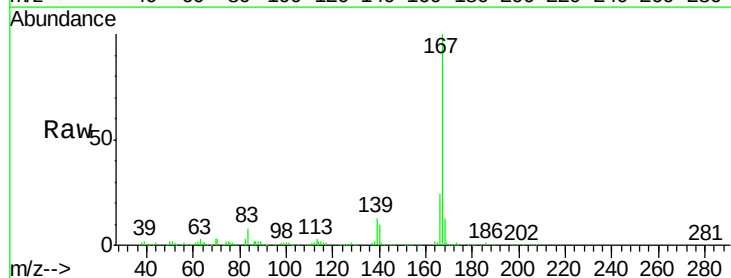
Tgt Ion:167 Resp: 210805

Ion Ratio Lower Upper

167 100

166 23.6 18.6 28.0

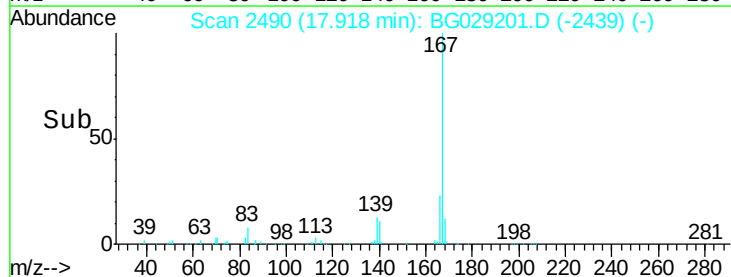
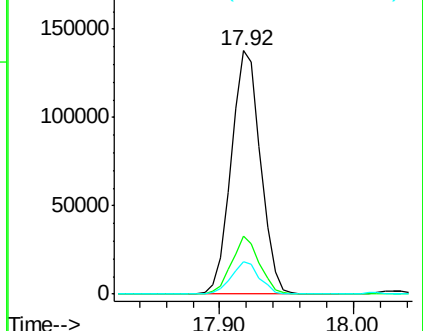
139 13.1 10.6 16.0

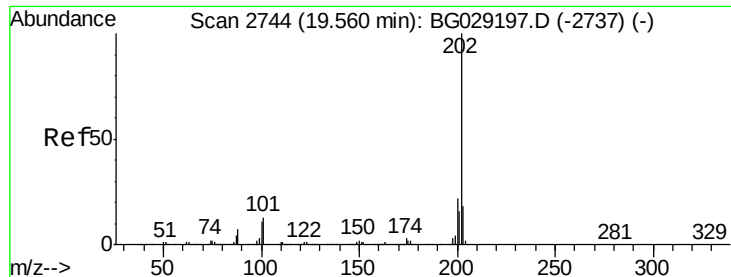


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 3.64 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029201.D

Acq: 13 Oct 2017 21:30

Instrument :

BNA_G

ClientSampleId :

BE2N5

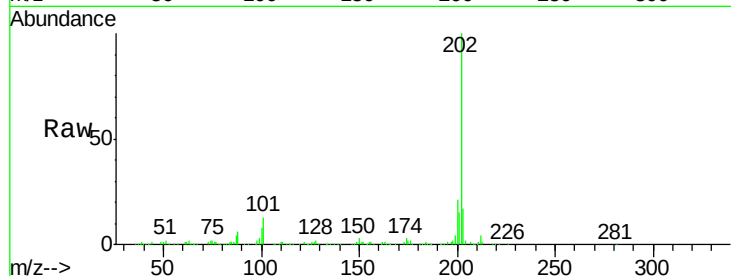
Tgt Ion:202 Resp: 127068

Ion Ratio Lower Upper

202 100

101 13.4 7.4 11.2#

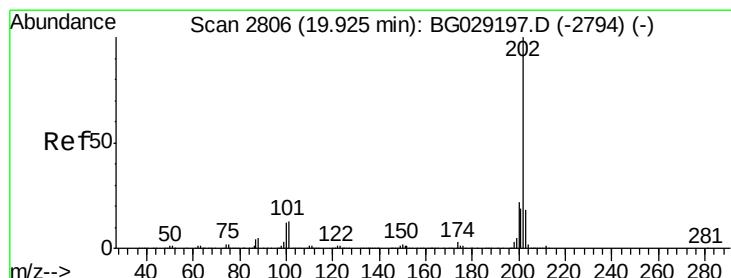
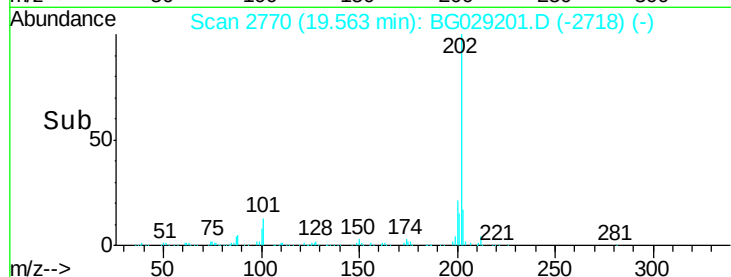
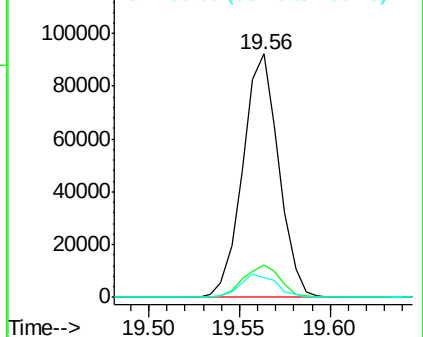
100 8.1 5.6 8.4



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



#77

Pyrene

Concen: 1.89 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029201.D

Acq: 13 Oct 2017 21:30

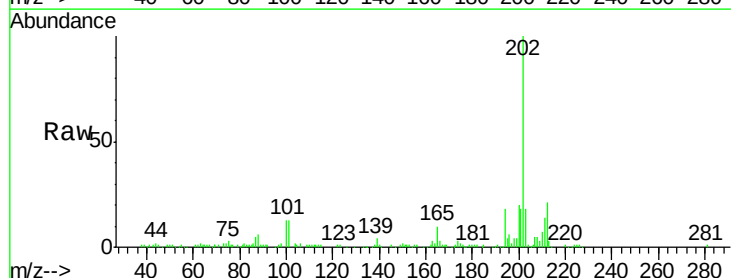
Tgt Ion:202 Resp: 71090

Ion Ratio Lower Upper

202 100

101 13.1 8.4 12.6#

100 13.0 7.0 10.6#



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

