

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
 Data File : BG020206.D
 Acq On : 16 Dec 2015 1:56
 Operator : UM/SJ
 Sample : G4786-17
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C90

Quant Time: Dec 16 04:04:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 16 03:45:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	99555	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	77343	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	176968	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	191967	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	182953	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	559	1.43	ng/uL	0.00
5) Phenol-d5	7.25	99	15987	8.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	36635	32.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	40360	29.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	31858	19.56	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	28788	37.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	31937	36.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	56740	32.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	19502	9.93	ng/ul	-0.02
44) Dimethylphthalate-d6	14.13	166	193166	30.88	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	230385	31.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	8223	7.33	ng/ul	0.00
58) Fluorene-d10	15.72	176	175426	30.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	37292	35.55	ng/ul	0.00
71) Anthracene-d10	17.57	188	273469	33.54	ng/ul	0.00
79) Pyrene-d10	19.85	212	298340	33.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	316132	34.64	ng/ul	0.00

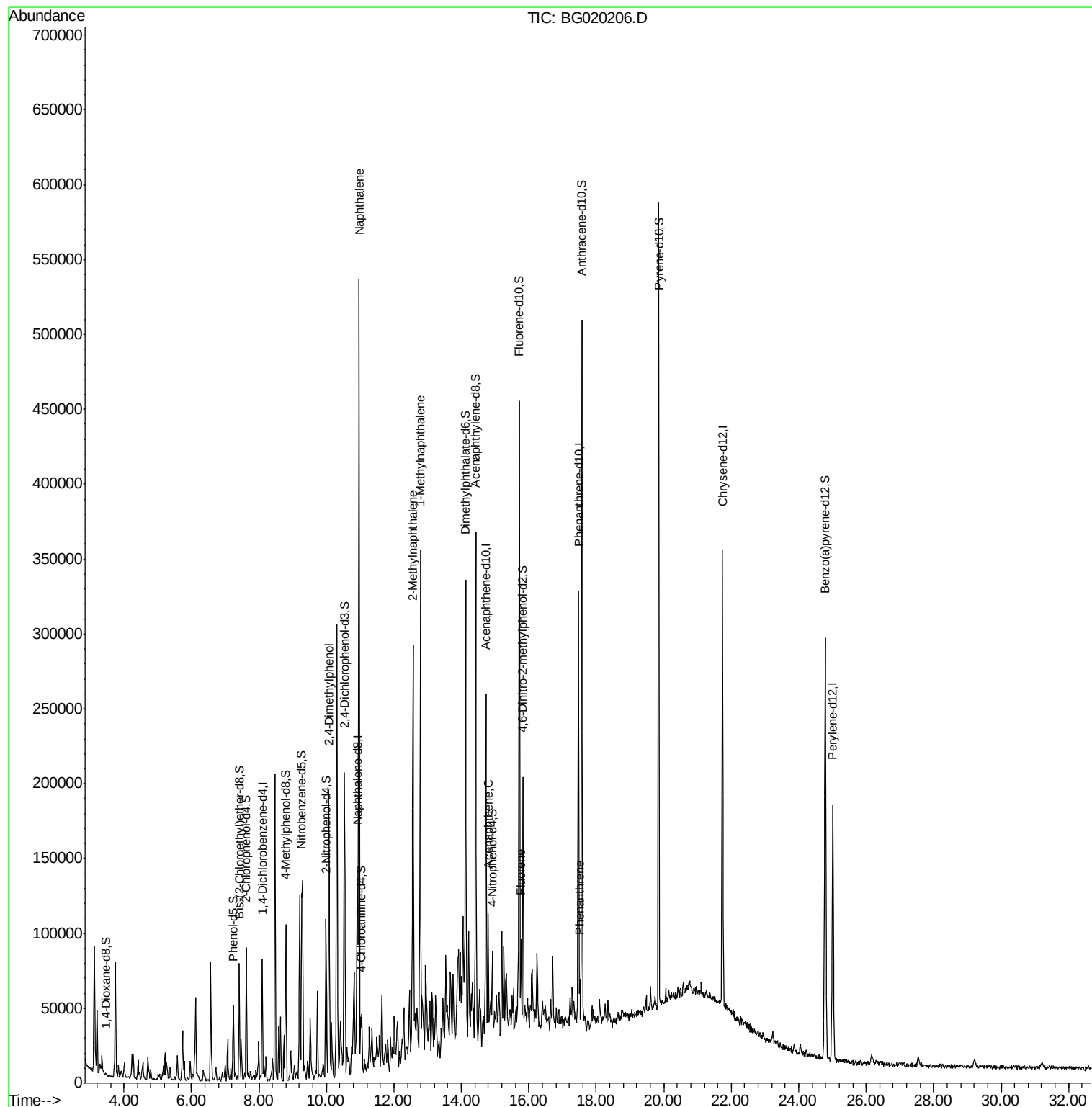
Target Compounds						Ovalue
24) 2,4-Dimethylphenol	10.07	107	68807	32.72	ng/ul	99
28) Naphthalene	10.97	128	431225	82.94	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	126184	31.78	ng/ul	97
35) 1-Methylnaphthalene	12.78	142	140386	36.77	ng/ul	96
50) Acenaphthene	14.79	153	33342	6.41	ng/ul	97
59) Fluorene	15.77	166	13902	2.24	ng/ul	96
70) Phenanthrene	17.51	178	18636	1.93	ng/ul	97

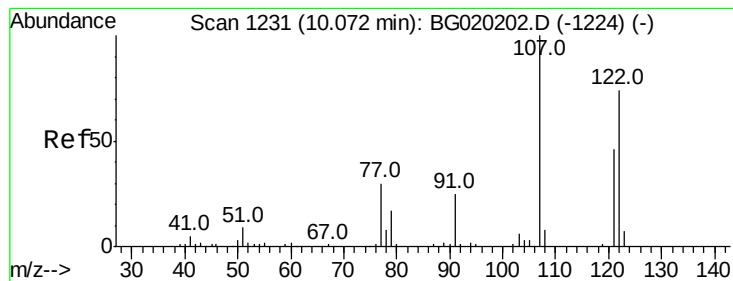
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#24

2,4-Dimethylphenol

Concen: 32.72 ng/ul

RT: 10.07 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BG020206.D

Acq: 16 Dec 2015 1:56

Instrument :

BNA_G

ClientSampleId :

G9C90

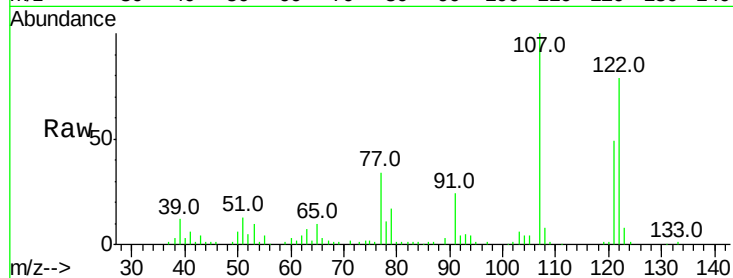
Tot Ion:107 Resp: 68807

Ion Ratio Lower Upper

107 100

121 48.7 39.0 58.4

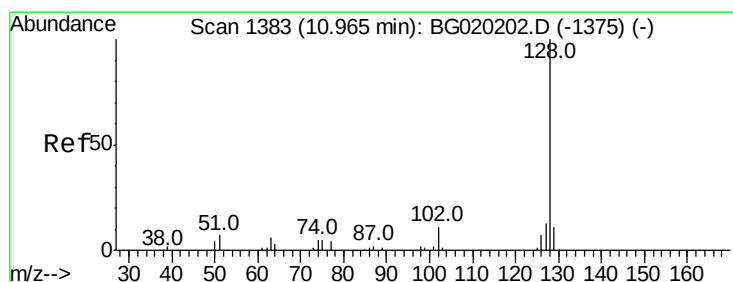
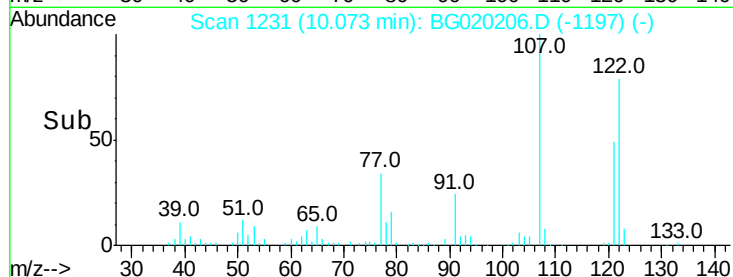
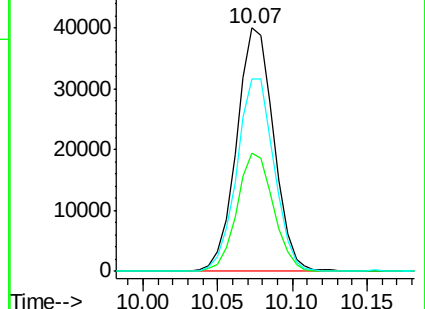
122 79.1 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 82.94 ng/ul

RT: 10.97 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BG020206.D

Acq: 16 Dec 2015 1:56

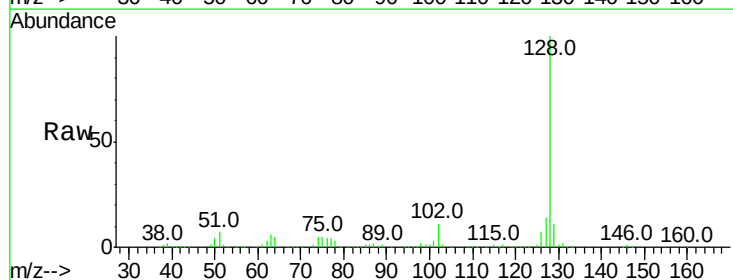
Tgt Ion:128 Resp: 431225

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

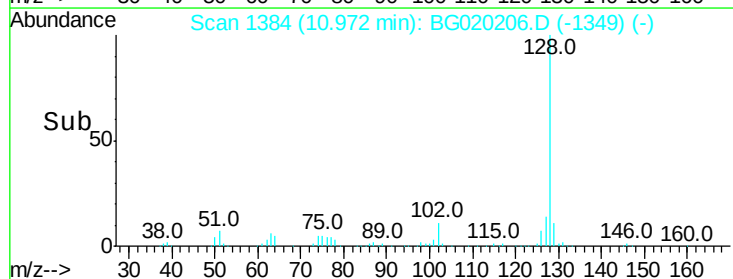
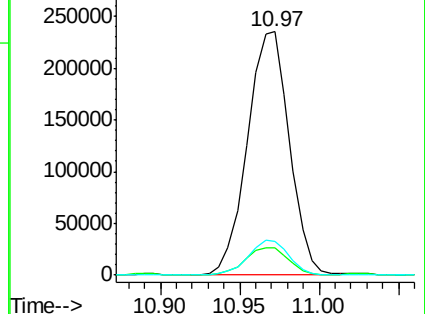
127 13.7 10.1 15.1

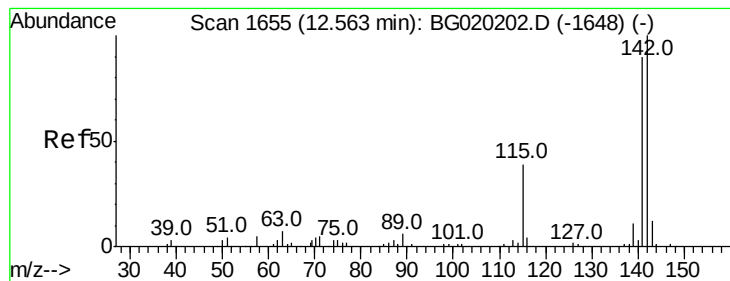


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 31.78 ng/ul

RT: 12.56 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG020206.D

Acq: 16 Dec 2015 1:56

Instrument :

BNA_G

ClientSampleId :

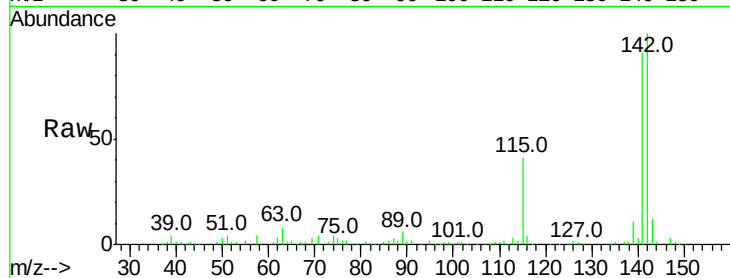
G9C90

Tot Ion:142 Resp: 126184

Ion Ratio Lower Upper

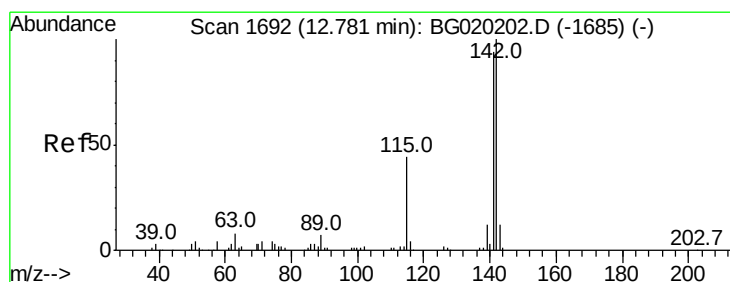
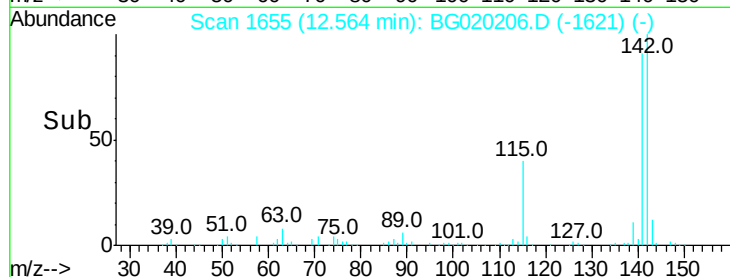
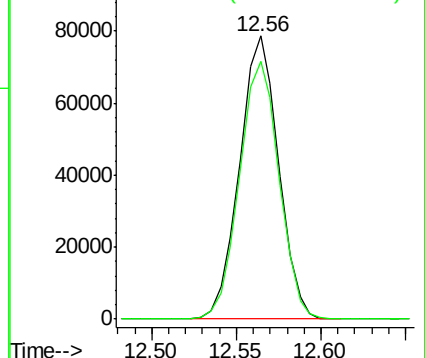
142 100

141 91.1 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 36.77 ng/ul

RT: 12.78 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BG020206.D

Acq: 16 Dec 2015 1:56

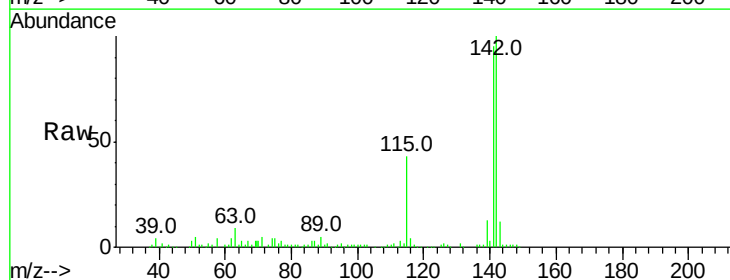
Tgt Ion:142 Resp: 140386

Ion Ratio Lower Upper

142 100

141 95.2 73.0 109.6

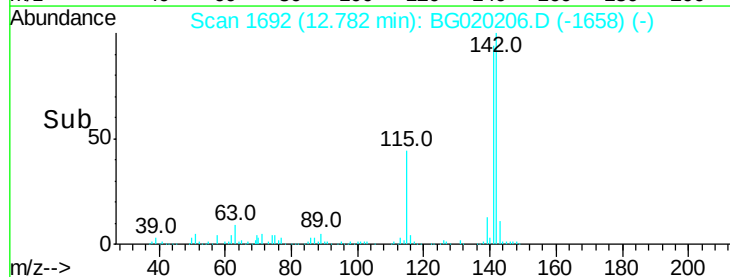
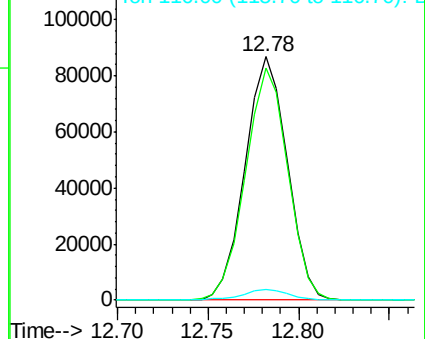
116 4.4 3.0 4.6

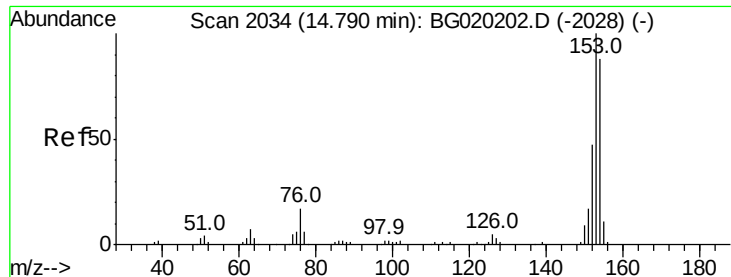


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#50

Acenaphthene

Concen: 6.41 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020206.D

Acq: 16 Dec 2015 1:56

Instrument :

BNA_G

ClientSampled :

G9C90

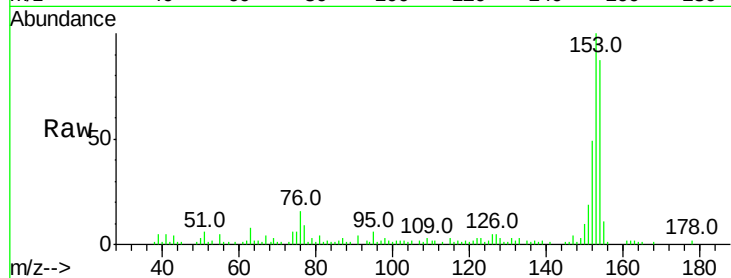
Tot Ion:153 Resp: 33342

Ion Ratio Lower Upper

153 100

152 49.5 37.6 56.4

154 87.5 67.9 101.9

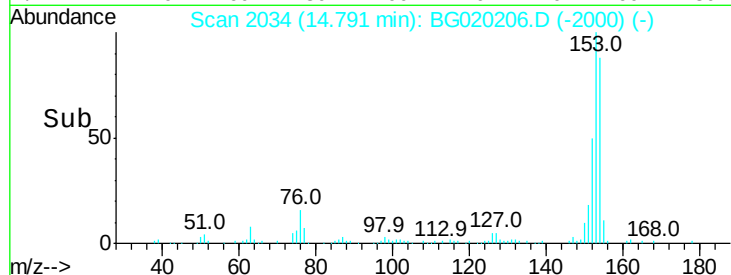


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->

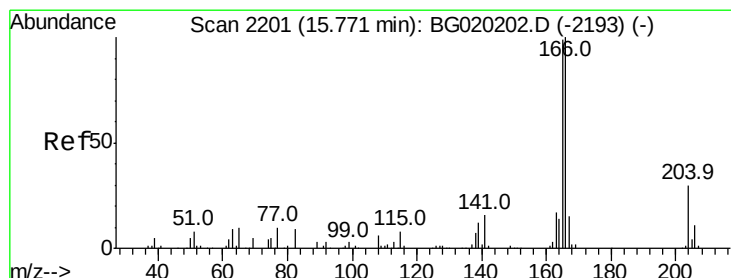


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->



#59

Fluorene

Concen: 2.24 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG020206.D

Acq: 16 Dec 2015 1:56

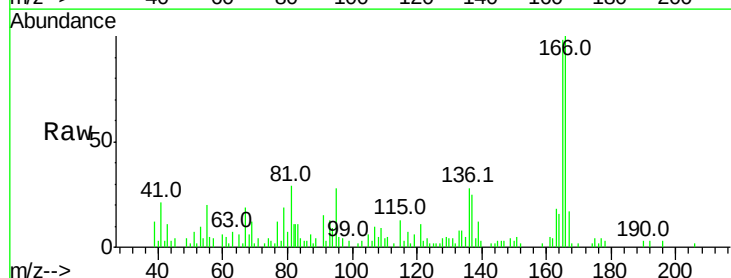
Tgt Ion:166 Resp: 13902

Ion Ratio Lower Upper

166 100

165 98.4 81.4 122.0

167 16.5 11.2 16.8

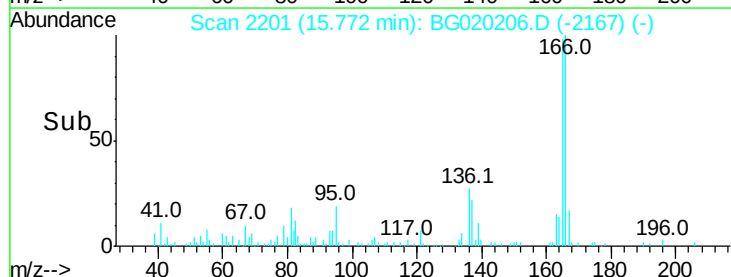


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

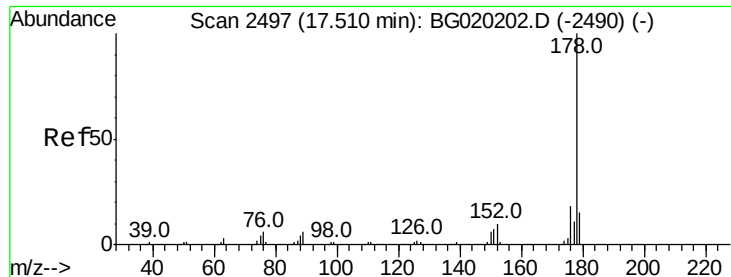


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



#70

Phenanthrene

Concen: 1.93 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG020206.D

Acq: 16 Dec 2015 1:56

Instrument :

BNA_G

ClientSampleId :

G9C90

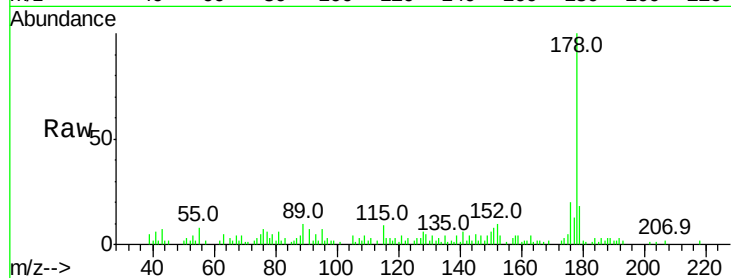
Tot Ion:178 Resp: 18636

Ion Ratio Lower Upper

178 100

179 17.8 12.9 19.3

176 20.1 15.3 22.9



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

