

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030771.D
 Acq On : 6 Nov 2017 12:40
 Operator : SJ/JU
 Sample : I6126-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0ED1

Quant Time: Nov 07 04:39:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 04:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	79737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	361001	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	235928	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	575519	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	612036	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	625833	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	8595	4.38	ng/uL	0.00
5) Phenol-d5	7.32	99	161517	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	97177	20.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	134123	24.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	114562	18.53	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	68733	26.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	78733	29.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	144909	23.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	164249	23.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	477724	23.68	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	599649	24.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	68289	18.34	ng/ul	0.00
57) Fluorene-d10	15.76	176	451046	27.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	28688	10.21	ng/ul	0.00
70) Anthracene-d10	17.61	188	688690	25.30	ng/ul	0.00
76) Pyrene-d10	19.89	212	797641	25.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	793476	26.77	ng/ul	0.00

Target Compounds

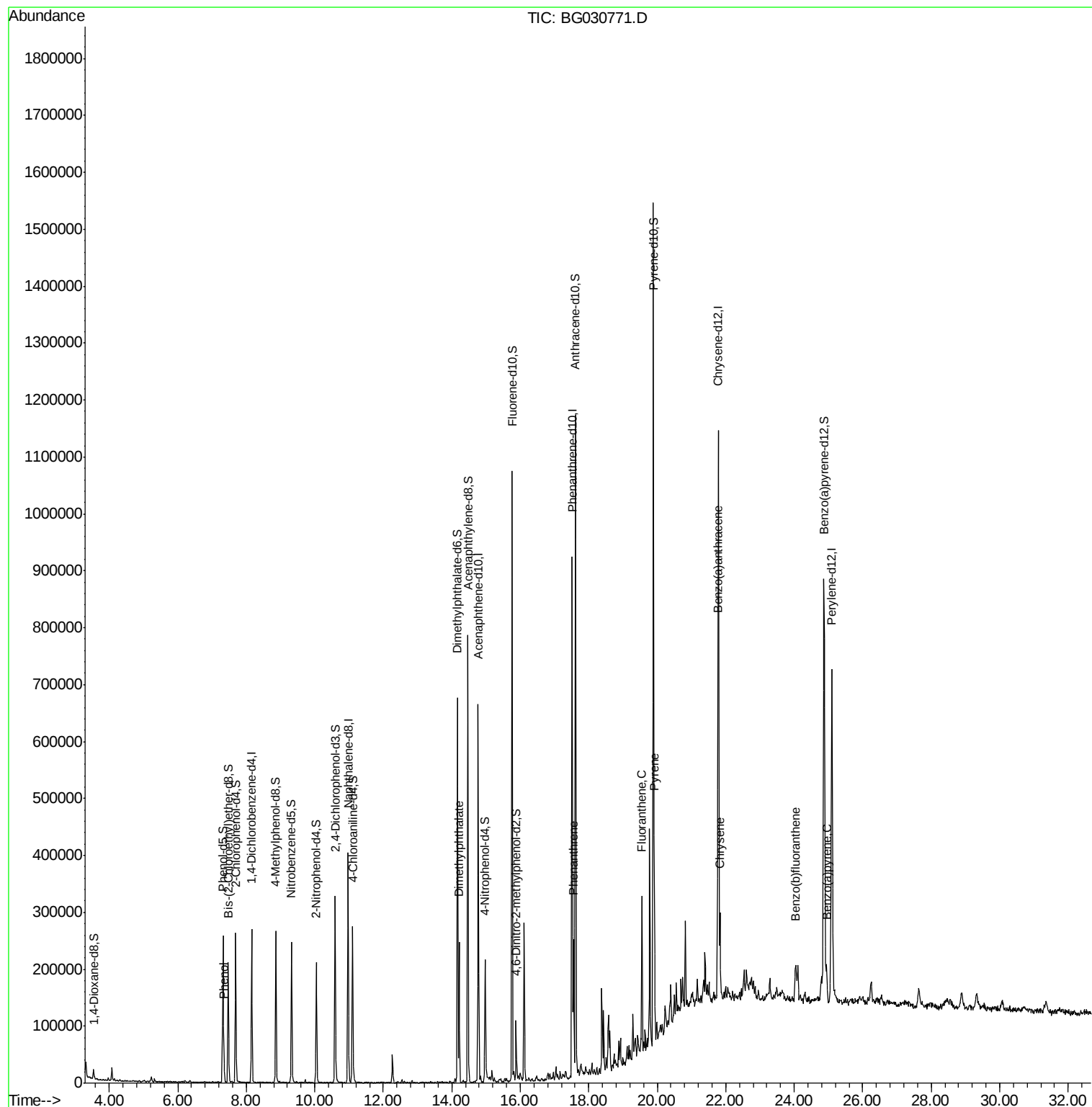
					Qvalue
6) Phenol	7.35	94	25717	3.248 ng/ul#	90
44) Dimethylphthalate	14.22	163	170358	8.659 ng/ul	98
69) Phenanthrene	17.55	178	151798	4.879 ng/ul	99
74) Fluoranthene	19.55	202	170233	4.896 ng/ul	98
77) Pyrene	19.92	202	208646	5.087 ng/ul	100
80) Benzo(a)anthracene	21.77	228	102424	2.670 ng/ul	97
82) Chrysene	21.83	228	107341	3.080 ng/ul	94
85) Benzo(b)fluoranthene	24.05	252	84620	2.252 ng/ul	95
88) Benzo(a)pyrene	24.94	252	73934	2.022 ng/ul	97

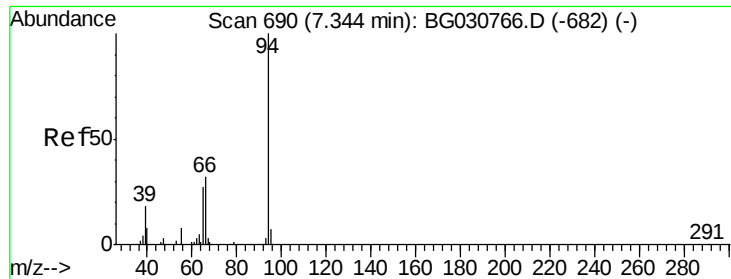
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.248 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG030771.D

Acq: 6 Nov 2017 12:40

Instrument :

BNA_G

ClientSampleId :

B0ED1

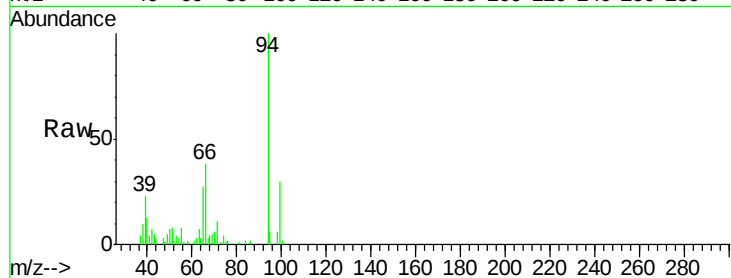
Tgt Ion: 94 Resp: 25717

Ion Ratio Lower Upper

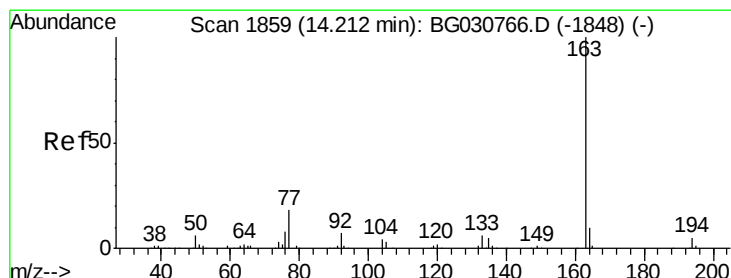
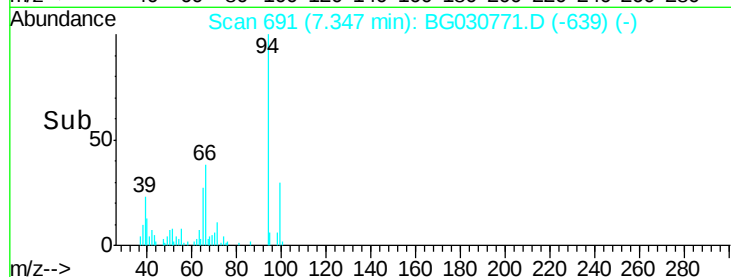
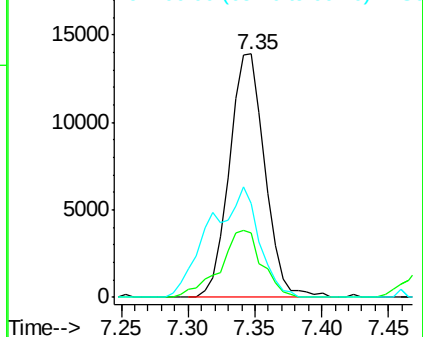
94 100

65 26.6 27.1 40.7#

66 38.4 34.6 52.0



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: 8.659 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG030771.D

Acq: 6 Nov 2017 12:40

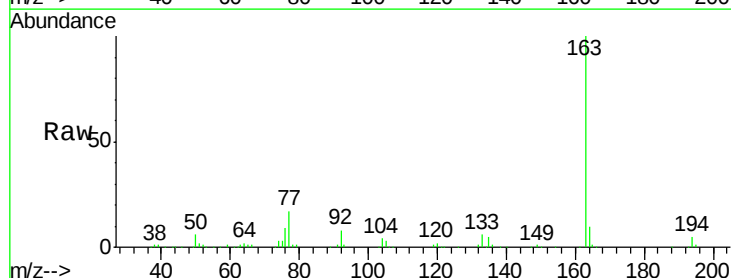
Tgt Ion:163 Resp: 170358

Ion Ratio Lower Upper

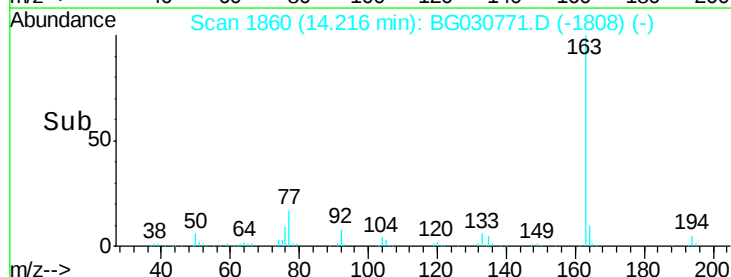
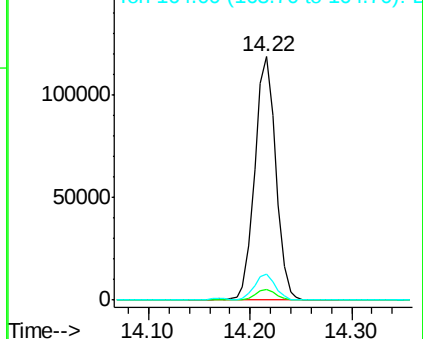
163 100

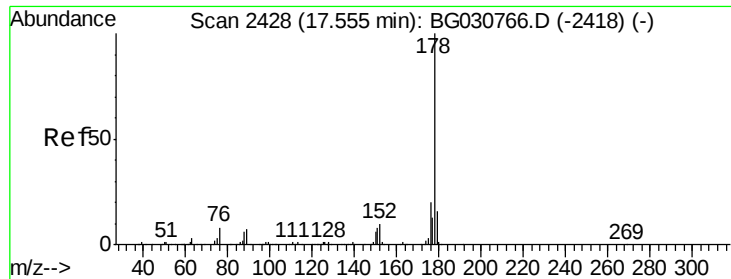
194 4.6 3.5 5.3

164 10.4 7.6 11.4



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: 4.879 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG030771.D

Acq: 6 Nov 2017 12:40

Instrument :

BNA_G

ClientSampleId :

B0ED1

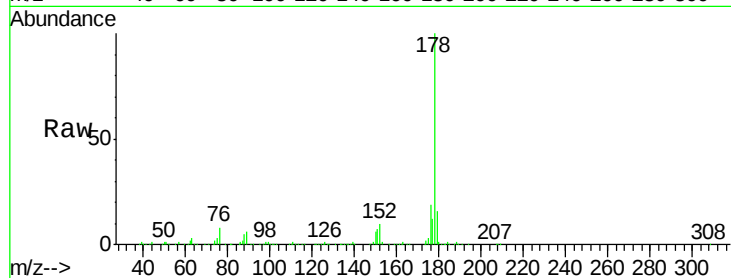
Tgt Ion:178 Resp: 151798

Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.6

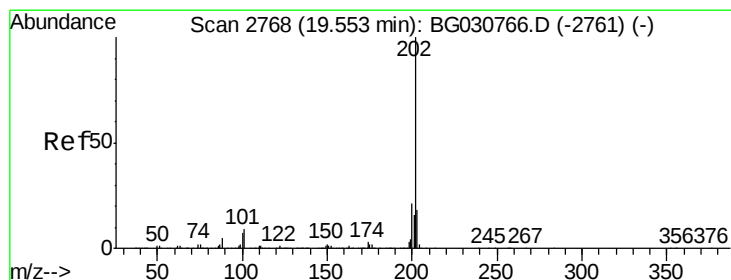
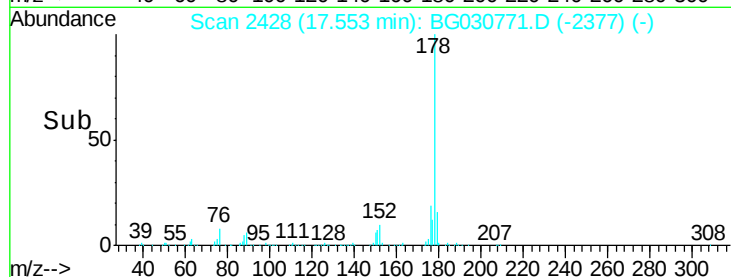
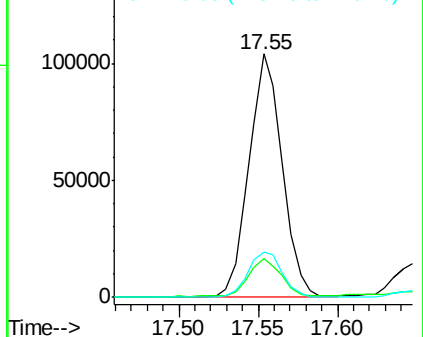
176 18.6 15.3 22.9



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



#74

Fluoranthene

Concen: 4.896 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG030771.D

Acq: 6 Nov 2017 12:40

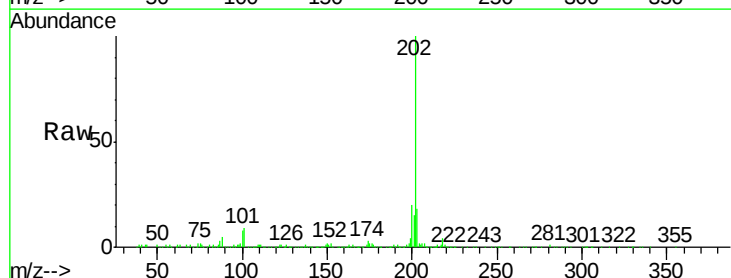
Tgt Ion:202 Resp: 170233

Ion Ratio Lower Upper

202 100

101 8.7 7.4 11.2

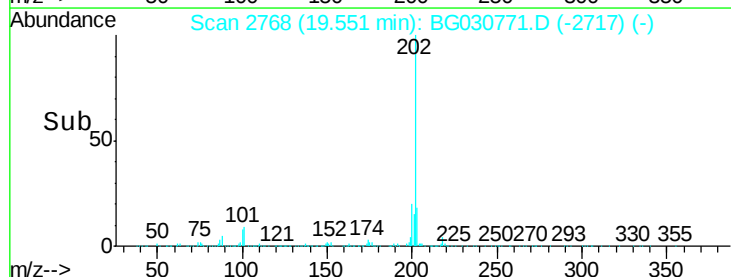
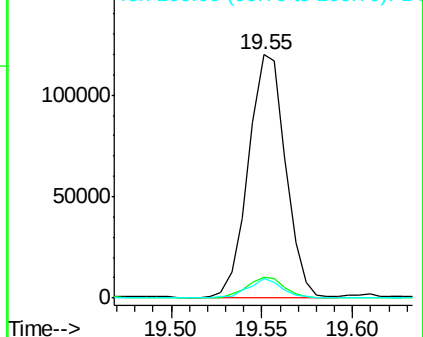
100 7.8 5.6 8.4

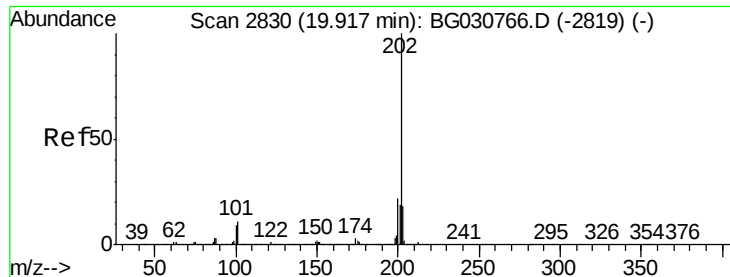


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.087 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG030771.D

Acq: 6 Nov 2017 12:40

Instrument :

BNA_G

ClientSampleId :

B0ED1

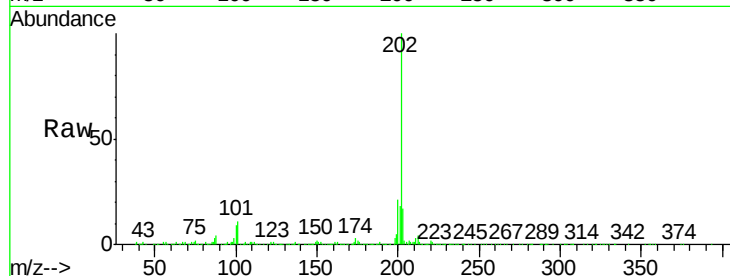
Tgt Ion:202 Resp: 208646

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

100 9.0 7.0 10.6



Abundance Ion 202.00 (201.70 to 202.70): E

200000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

150000

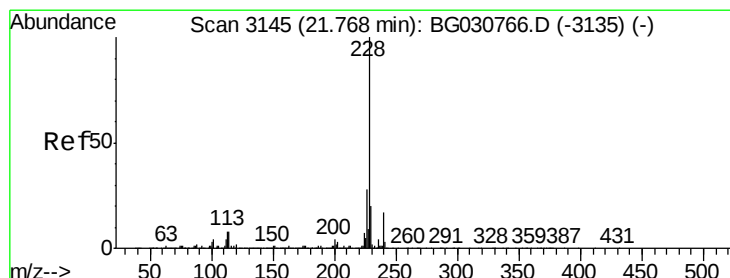
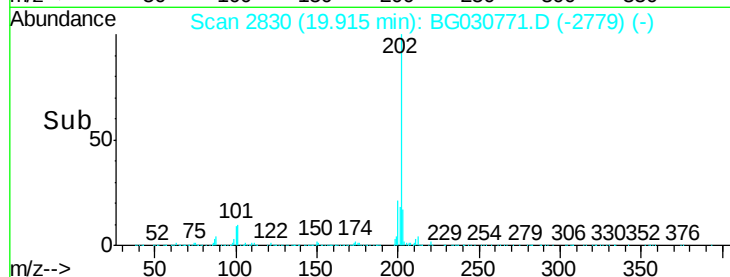
100000

50000

0

19.85 19.90 19.95

Time-->



#80

Benzo(a)anthracene

Concen: 2.670 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG030771.D

Acq: 6 Nov 2017 12:40

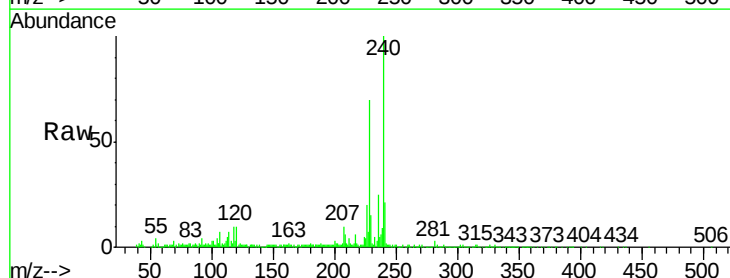
Tgt Ion:228 Resp: 102424

Ion Ratio Lower Upper

228 100

229 22.1 16.2 24.4

226 29.4 22.2 33.2



Abundance Ion 228.00 (227.70 to 228.70): E

80000 Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

60000

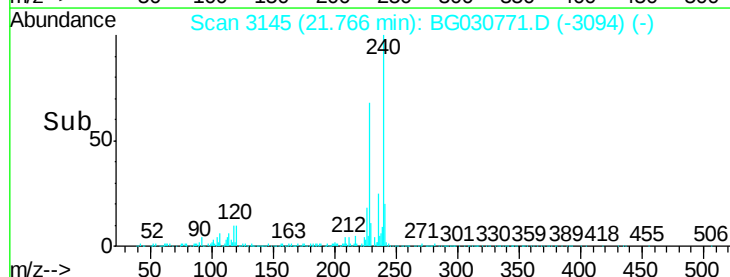
40000

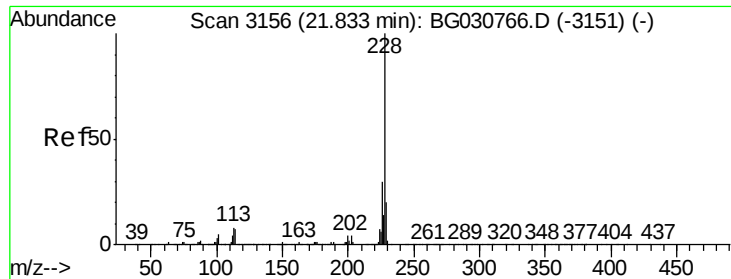
20000

0

21.70 21.75 21.80

Time-->





#82

Chrysene

Concen: 3.080 ng/u1

RT: 21.83 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG030771.D

Acq: 6 Nov 2017 12:40

Instrument :

BNA_G

ClientSampleId :

B0ED1

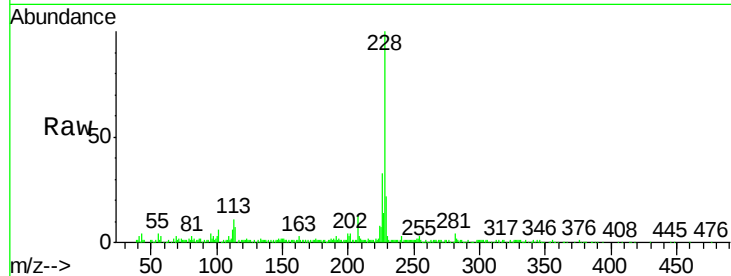
Tgt Ion:228 Resp: 107341

Ion Ratio Lower Upper

228 100

226 33.2 24.2 36.2

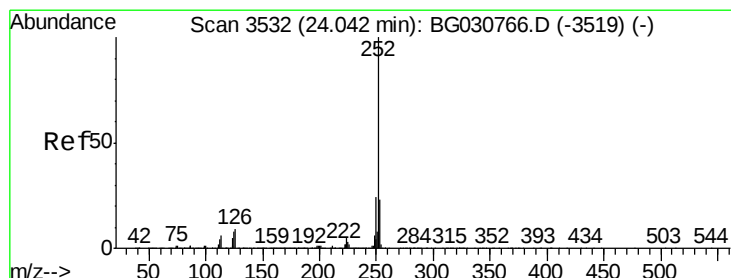
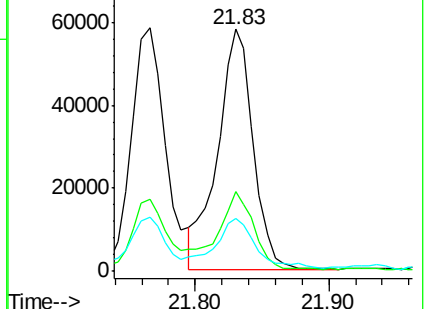
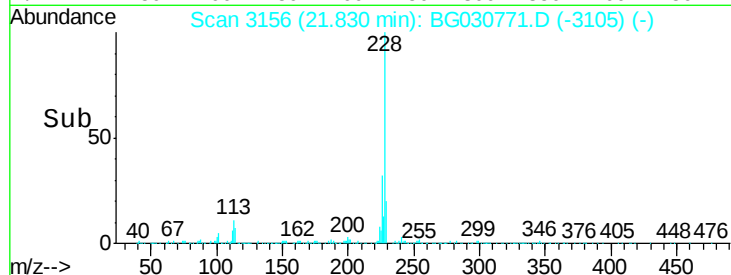
229 21.6 15.2 22.8



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



#85

Benzo(b)fluoranthene

Concen: 2.252 ng/u1

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG030771.D

Acq: 6 Nov 2017 12:40

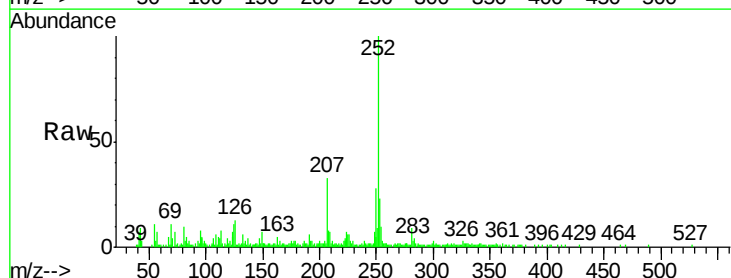
Tgt Ion:252 Resp: 84620

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.4

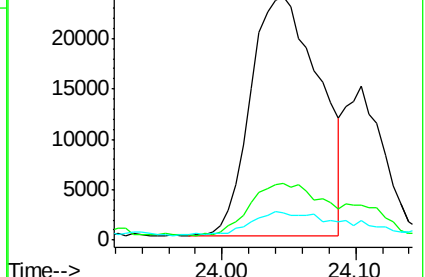
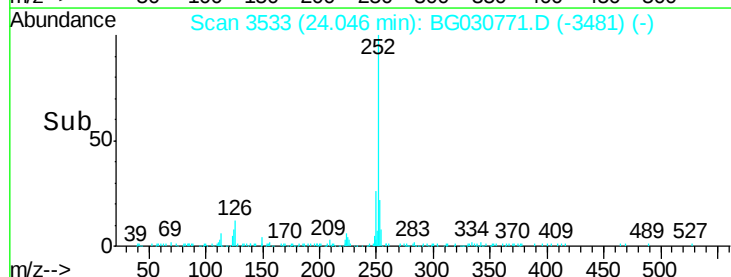
125 11.1 7.5 11.3

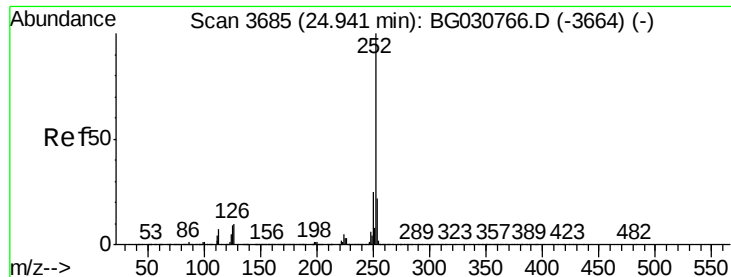


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.022 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. -0.00 min

Lab File: BG030771.D

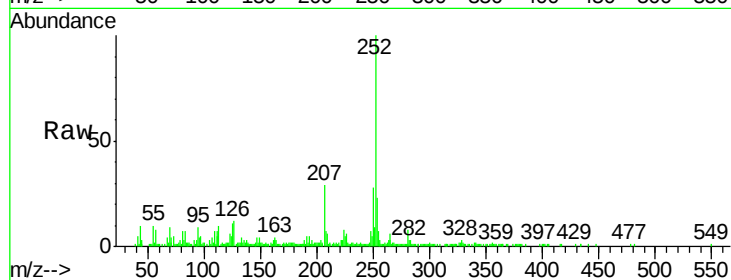
Acq: 6 Nov 2017 12:40

Instrument :

BNA_G

ClientSampleId :

B0ED1



Tgt Ion:252 Resp: 73934

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 10.7 7.8 11.8

