

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
 Data File : BG030891.D
 Acq On : 9 Nov 2017 22:05
 Operator : SJ/JU
 Sample : I6286-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F58

Quant Time: Nov 10 03:17:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 01:20:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	65177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	305251	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	207891	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	499668	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	512372	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	505796	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	15442	9.63	ng/uL	0.00
5) Phenol-d5	7.31	99	321263	51.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	189528	48.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	259549	58.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	282467	55.91	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	142111	64.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	174642	77.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	299137	58.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	389574	65.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	1018182	57.29	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1221968	56.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	174344	53.13	ng/ul	0.00
57) Fluorene-d10	15.76	176	919374	63.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	199030	81.60	ng/ul	0.00
70) Anthracene-d10	17.61	188	1415297	59.89	ng/ul	0.00
76) Pyrene-d10	19.88	212	1602357	60.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	1595833	66.62	ng/ul	0.00

Target Compounds

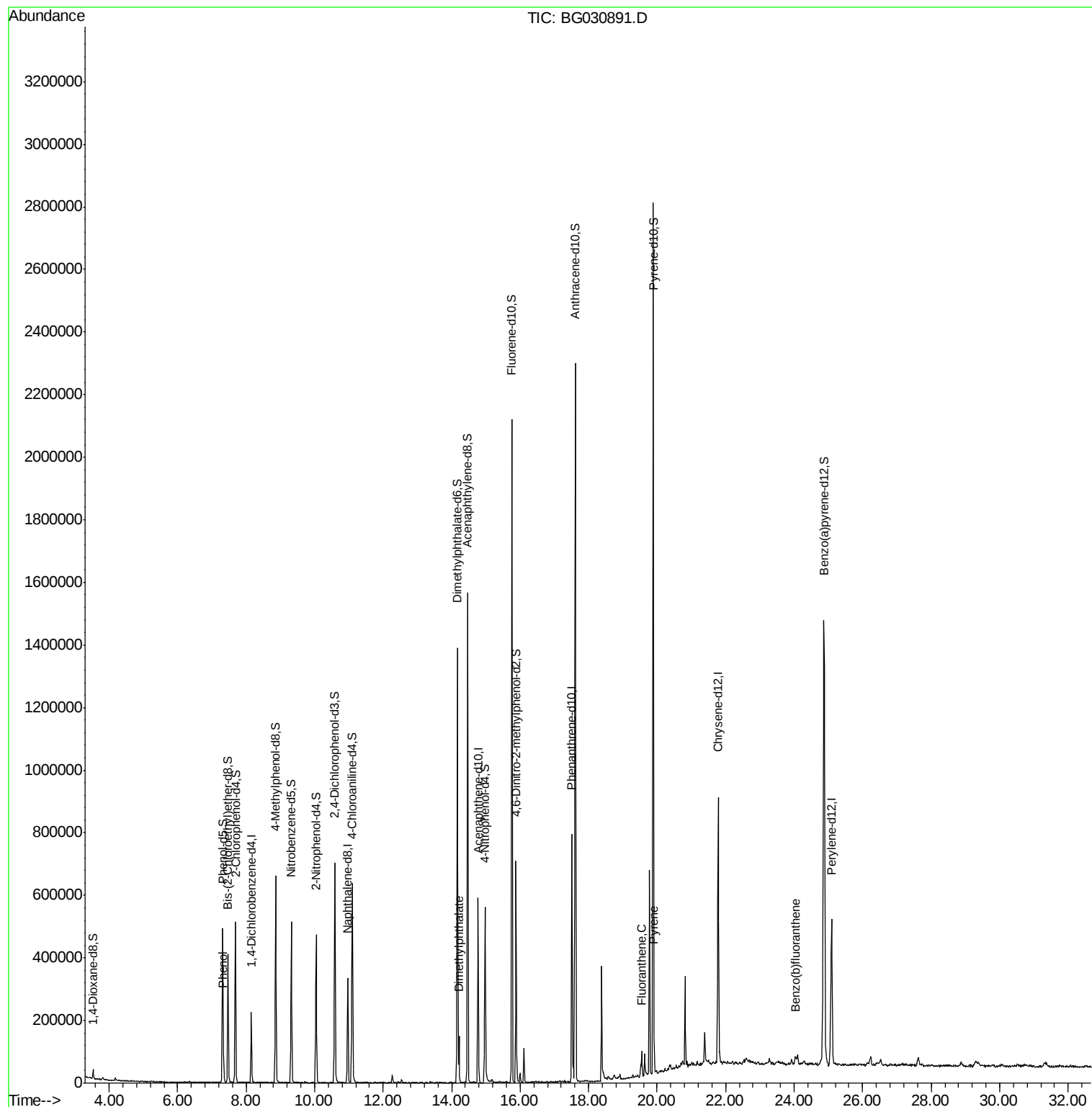
					Qvalue
6) Phenol	7.34	94	23842	3.683 ng/ul	98
44) Dimethylphthalate	14.21	163	101173	5.836 ng/ul	98
74) Fluoranthene	19.55	202	49914	1.653 ng/ul#	98
77) Pyrene	19.91	202	44971	1.310 ng/ul#	95
85) Benzo(b)fluoranthene	24.04	252	31669	1.043 ng/ul	99

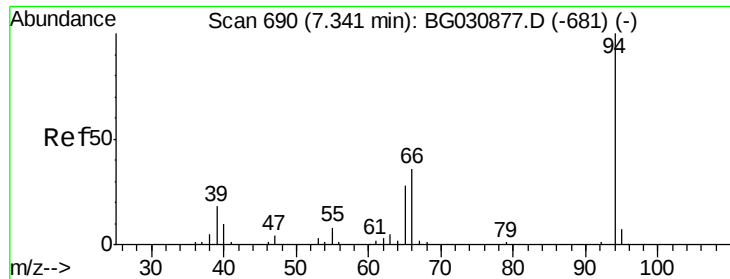
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.683 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030891.D

Acq: 9 Nov 2017 22:05

Instrument :

BNA_G

ClientSampleId :

B0F58

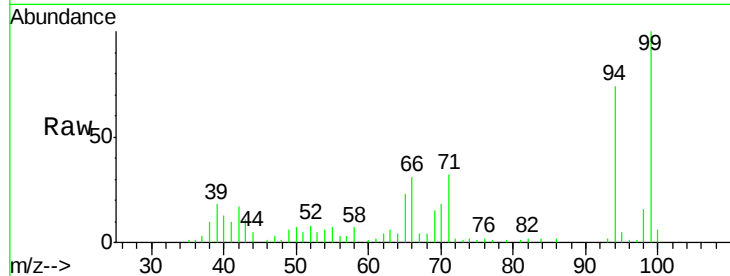
Tgt Ion: 94 Resp: 23842

Ion Ratio Lower Upper

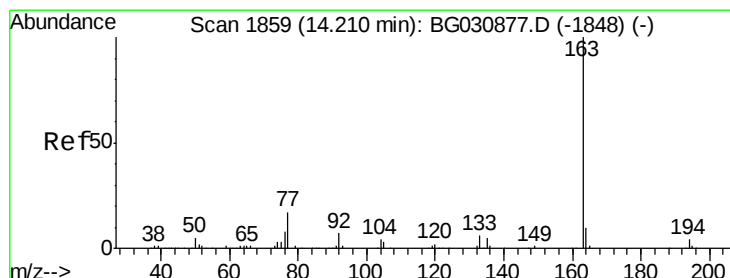
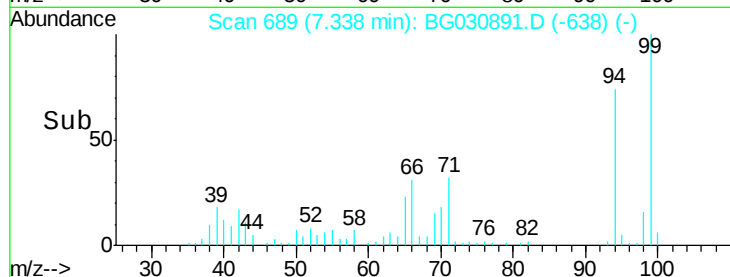
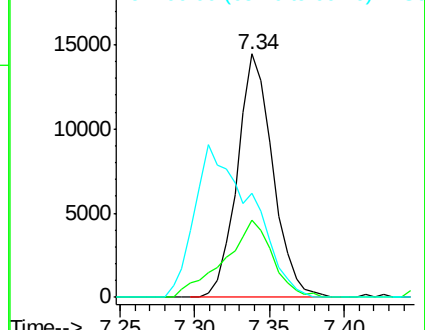
94 100

65 31.5 27.1 40.7

66 42.6 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: 5.836 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG030891.D

Acq: 9 Nov 2017 22:05

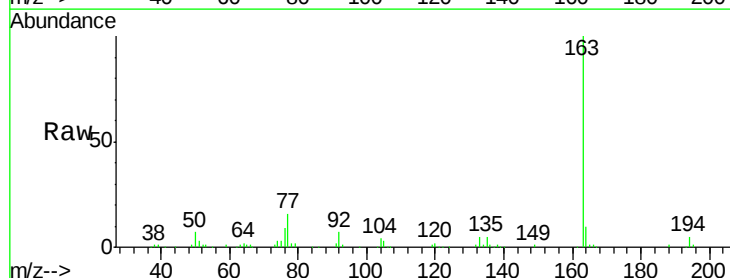
Tgt Ion: 163 Resp: 101173

Ion Ratio Lower Upper

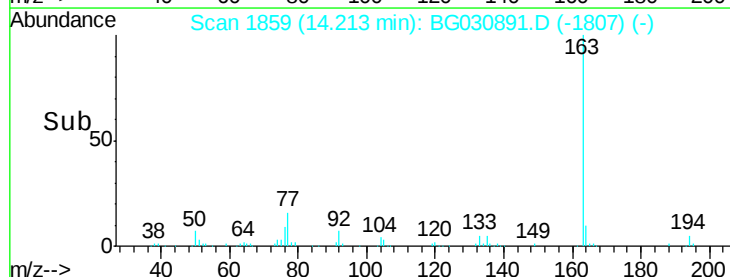
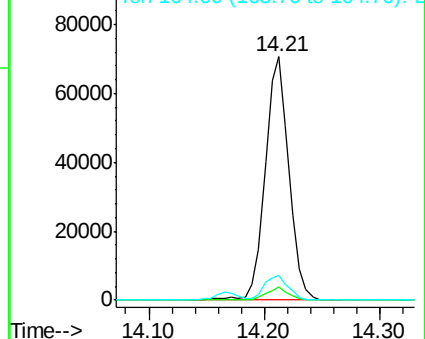
163 100

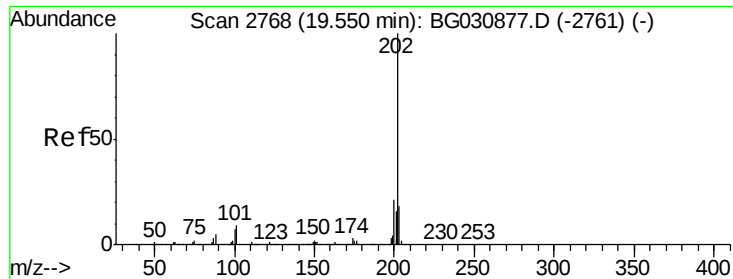
194 5.2 3.5 5.3

164 10.2 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





#74

Fluoranthene

Concen: 1.653 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG030891.D

Acq: 9 Nov 2017 22:05

Instrument :

BNA_G

ClientSampleId :

B0F58

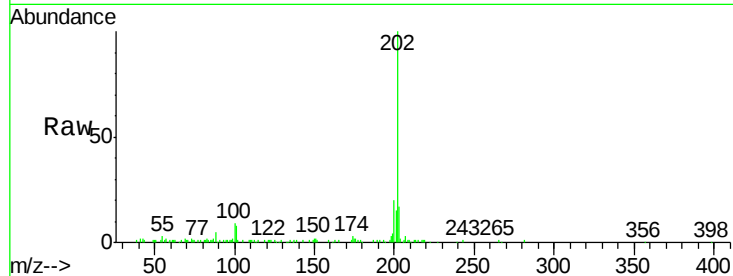
Tgt Ion:202 Resp: 49914

Ion Ratio Lower Upper

202 100

101 9.1 7.4 11.2

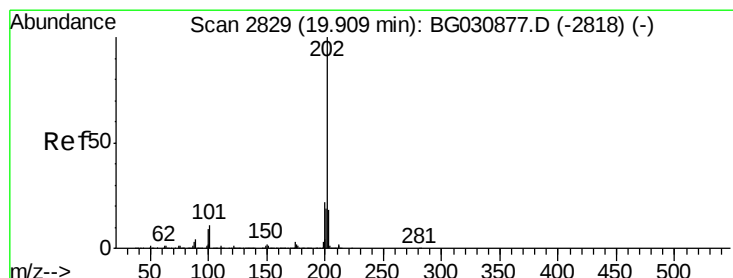
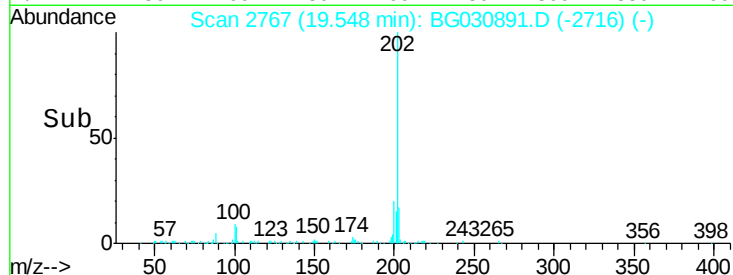
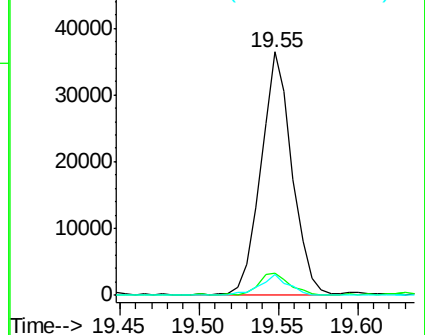
100 8.6 5.6 8.4#



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: 1.310 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG030891.D

Acq: 9 Nov 2017 22:05

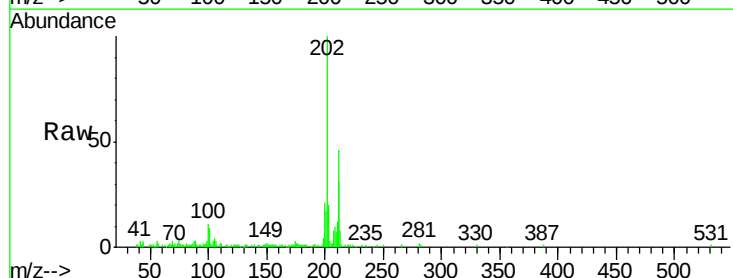
Tgt Ion:202 Resp: 44971

Ion Ratio Lower Upper

202 100

101 9.1 8.4 12.6

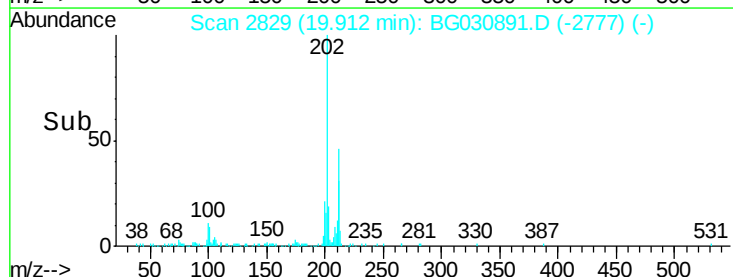
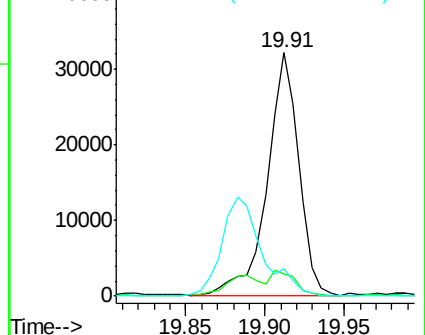
100 11.2 7.0 10.6#

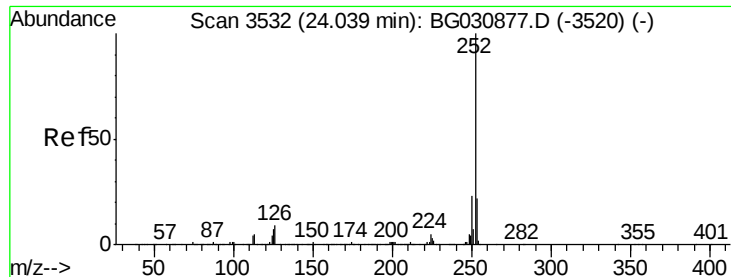


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.043 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG030891.D

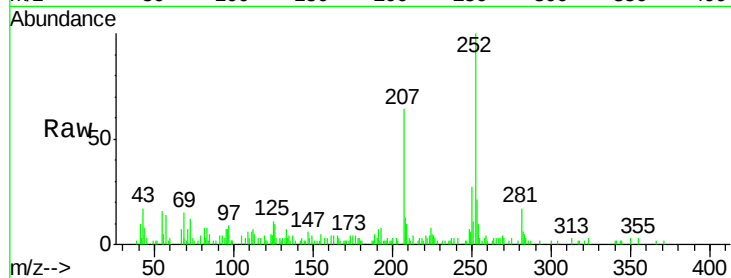
Acq: 9 Nov 2017 22:05

Instrument :

BNA_G

ClientSampleId :

B0F58



Tgt Ion: 252 Resp: 31669

Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.4

125 10.7 7.5 11.3

