

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
 Data File : BG025087.D
 Acq On : 11 Dec 2016 3:07
 Operator : UM/SJ
 Sample : H5861-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 04:27:09 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 04:23:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	78653	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	324382	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	261662	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	625594	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	835583	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	832415	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	2925	1.92	ng/uL	0.01
5) Phenol-d5	7.38	99	62557	9.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	165905	39.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	153187	32.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	124360	21.93	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	92580	40.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	111788	39.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	220212	39.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	3333	0.62	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	793183	44.07	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	889692	45.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	34840	11.26	ng/ul	0.00
57) Fluorene-d10	15.84	176	728687	43.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	174544	45.12	ng/ul	0.00
70) Anthracene-d10	17.70	188	1166129	44.16	ng/ul	0.00
76) Pyrene-d10	19.97	212	1492937	43.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1587586	47.07	ng/ul	0.00

Target Compounds

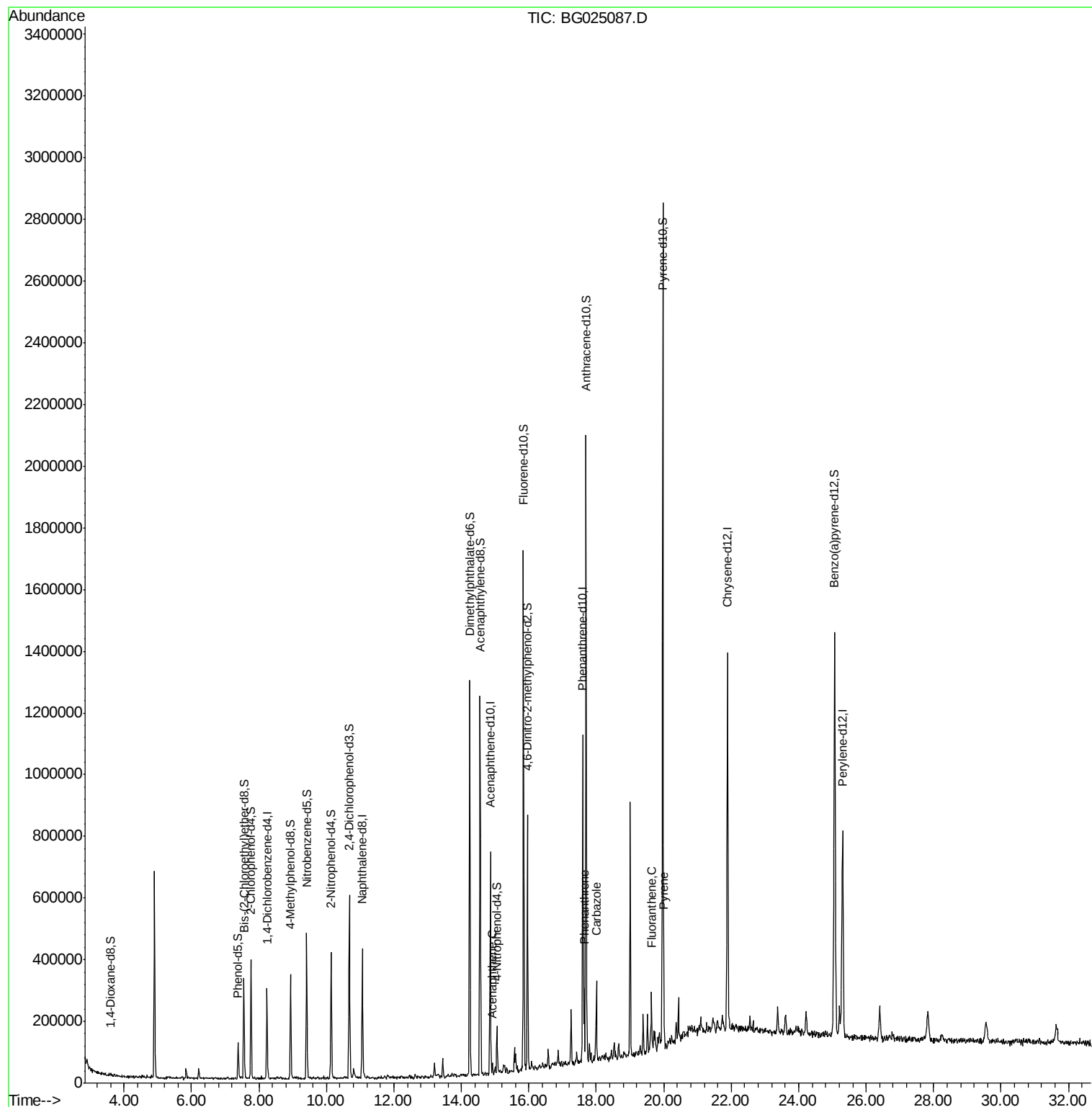
						Ovalue
49) Acenaphthene	14.92	153	15376	1.17	ng/ul	99
69) Phenanthrene	17.64	178	148642	4.98	ng/ul#	91
72) Carbazole	18.00	167	160448	6.26	ng/ul	97
74) Fluoranthene	19.64	202	127181	3.58	ng/ul	98
77) Pyrene	20.00	202	90934	2.26	ng/ul	99

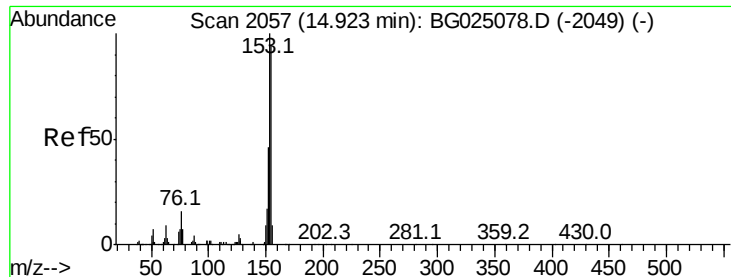
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#49

Acenaphthene

Concen: 1.17 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BG025087.D

Acq: 11 Dec 2016 3:07

Instrument :

BNA_G

ClientSampleId :

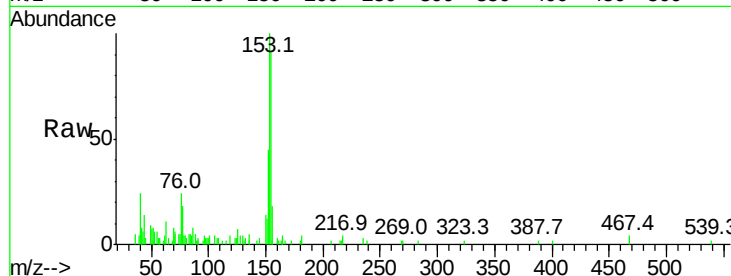
Tot Ion:153 Resp: 15376

Ion Ratio Lower Upper

153 100

152 45.0 36.5 54.7

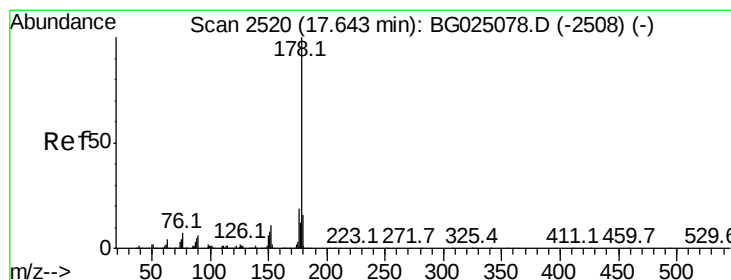
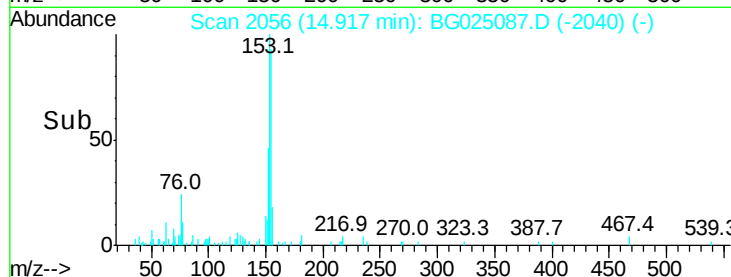
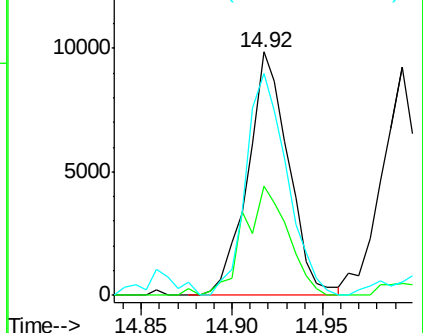
154 91.2 72.3 108.5



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



#69

Phenanthrene

Concen: 4.98 ng/ul

RT: 17.64 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG025087.D

Acq: 11 Dec 2016 3:07

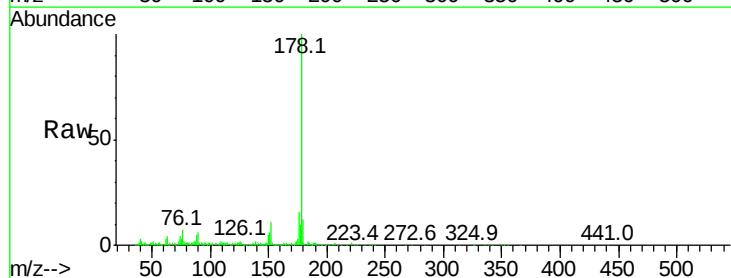
Tgt Ion:178 Resp: 148642

Ion Ratio Lower Upper

178 100

179 11.6 12.4 18.6#

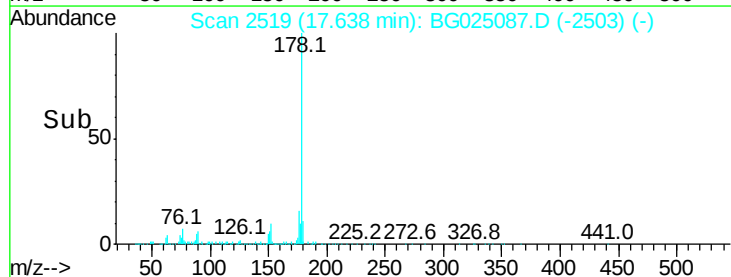
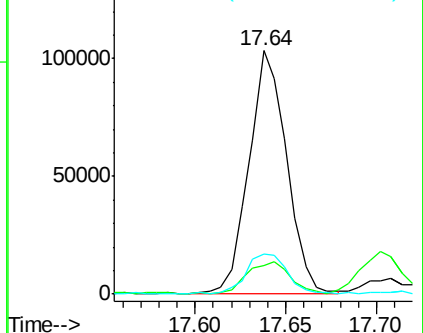
176 16.3 16.5 24.7#

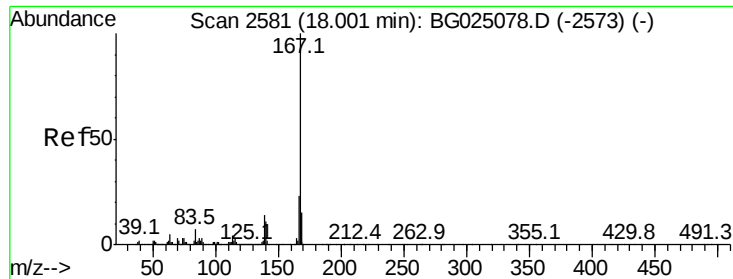


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 6.26 ng/ul

RT: 18.00 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BG025087.D

Acq: 11 Dec 2016 3:07

Instrument :

BNA_G

ClientSampleId :

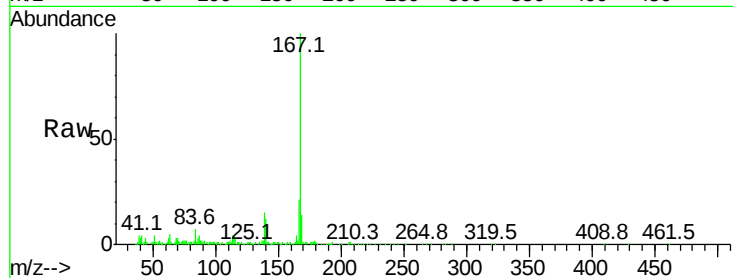
Tot Ion:167 Resp: 160448

Ion Ratio Lower Upper

167 100

166 21.4 17.9 26.9

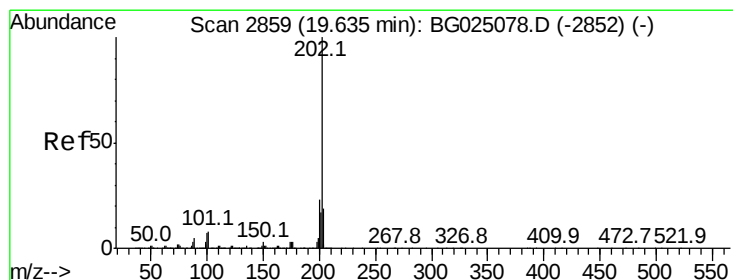
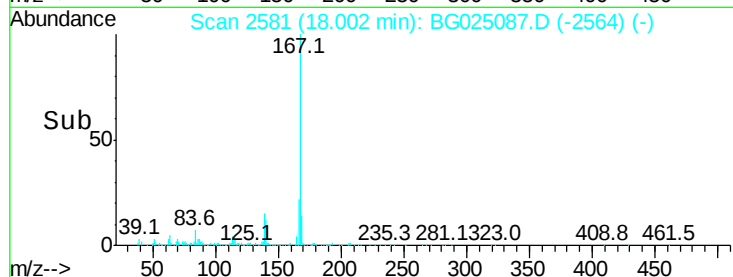
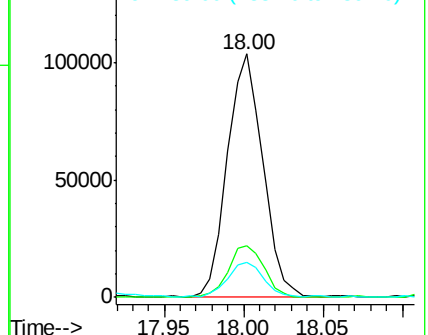
139 14.6 10.5 15.7



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: 3.58 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG025087.D

Acq: 11 Dec 2016 3:07

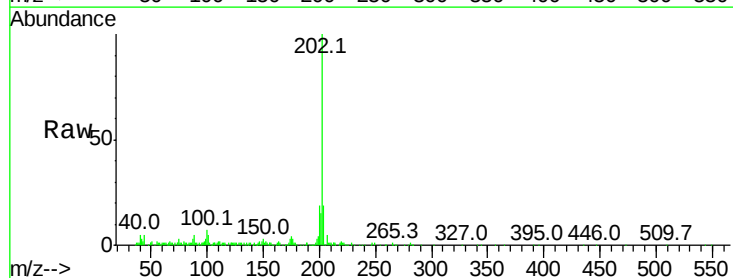
Tgt Ion:202 Resp: 127181

Ion Ratio Lower Upper

202 100

101 6.4 6.2 9.2

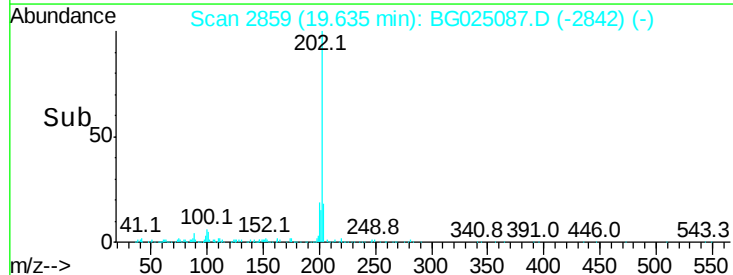
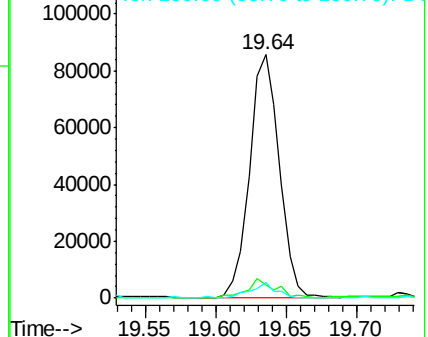
100 6.6 5.2 7.8

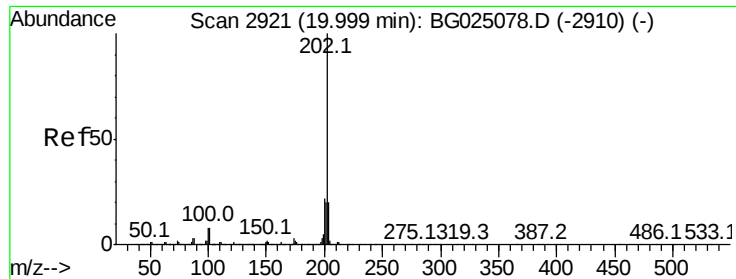


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 2.26 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BG025087.D

Acq: 11 Dec 2016 3:07

Instrument :

BNA_G

ClientSampleId :

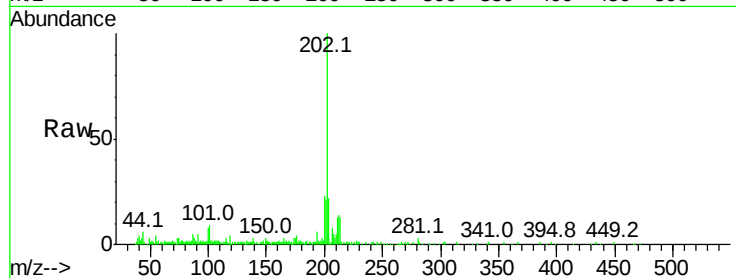
Tot Ion: 202 Resp: 90934

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

100 7.9 6.6 10.0



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

