

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020167.D
 Acq On : 15 Dec 2015 00:15
 Operator : UM/SJ
 Sample : G4767-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N46

Quant Time: Dec 15 04:30:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 04:25:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	22529	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	99230	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	72388	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	183820	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	201107	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	192854	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2130	5.22	ng/uL	0.00
5) Phenol-d5	7.25	99	54902	27.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	32701	27.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	40829	28.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	49153	28.93	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	22555	29.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	26919	31.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	51205	29.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	65337	33.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	186275	31.81	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	199936	29.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	29987	28.56	ng/ul	0.00
58) Fluorene-d10	15.72	176	147585	27.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	28176	25.86	ng/ul	0.00
71) Anthracene-d10	17.57	188	248496	29.34	ng/ul	0.00
79) Pyrene-d10	19.85	212	250674	26.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	250633	26.06	ng/ul	0.00

Target Compounds

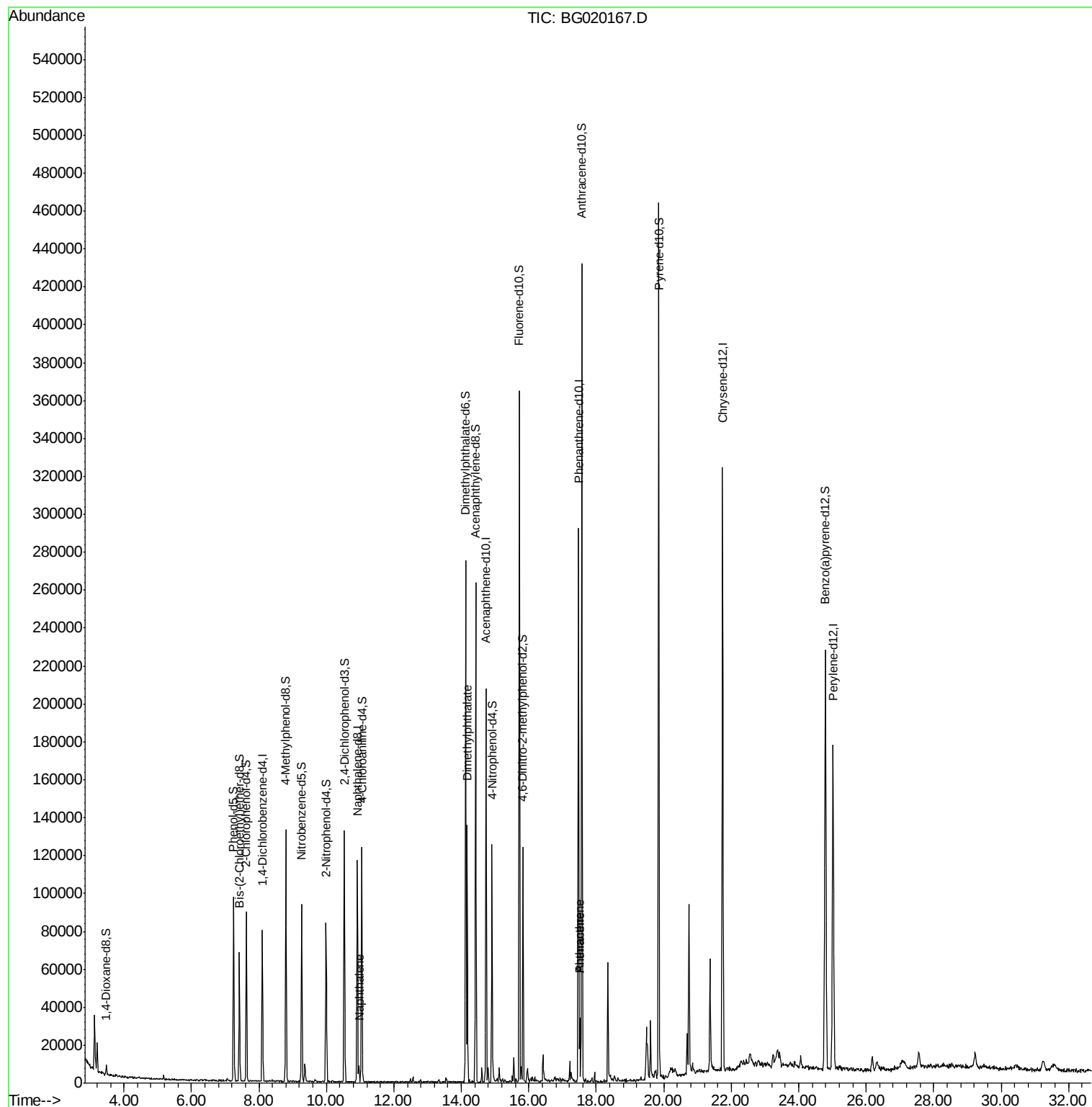
						Qvalue
28) Naphthalene	10.97	128	8494	1.64	ng/ul	99
45) Dimethylphthalate	14.17	163	85030	14.22	ng/ul	99
70) Phenanthrene	17.51	178	21212	2.11	ng/ul	97
72) Anthracene	17.51	178	21212	2.08	ng/ul	96

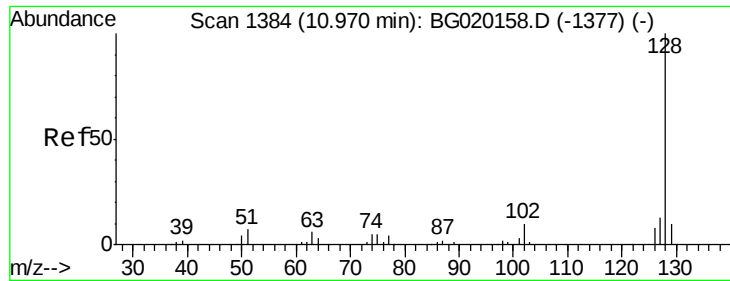
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.64 ng/ul

RT: 10.97 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG020167.D

Acq: 15 Dec 2015 00:15

Instrument :

BNA_G

ClientSampleId :

D9N46

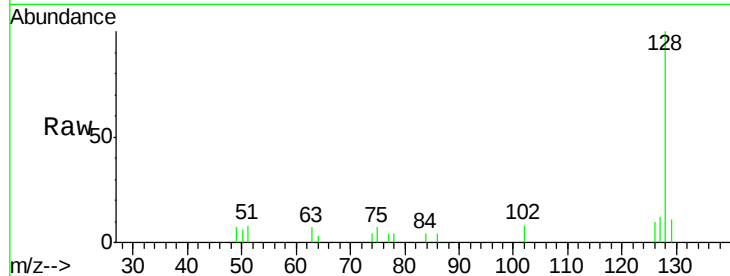
Tgt Ion:128 Resp: 8494

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

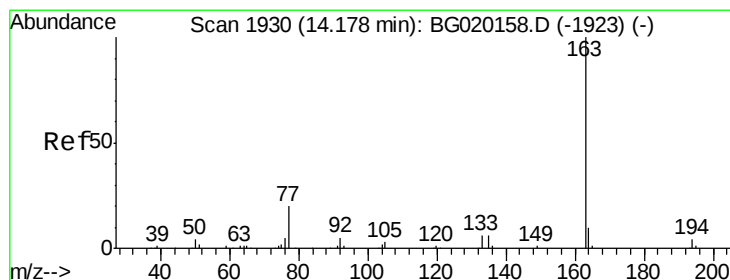
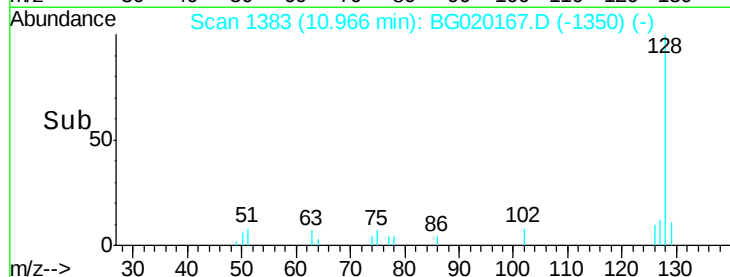
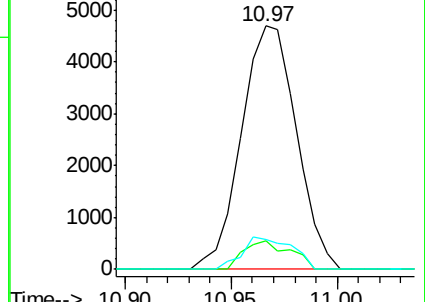
127 12.2 10.1 15.1



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



#45

Dimethylphthalate

Concen: 14.22 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG020167.D

Acq: 15 Dec 2015 00:15

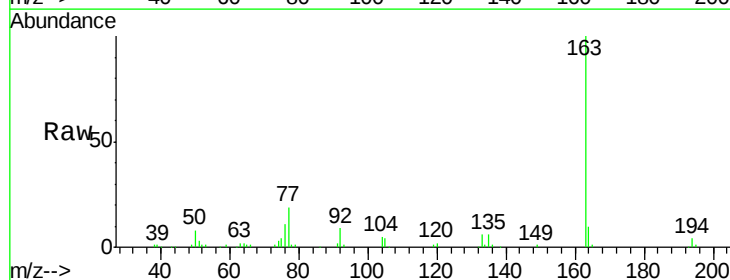
Tgt Ion:163 Resp: 85030

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

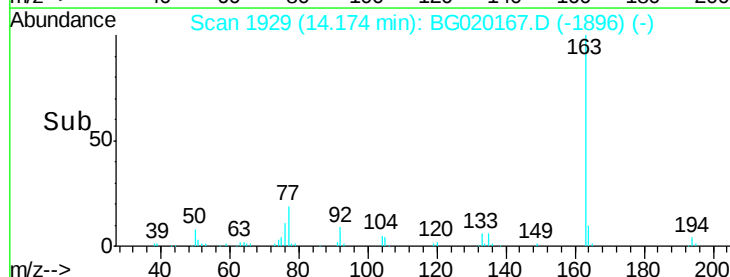
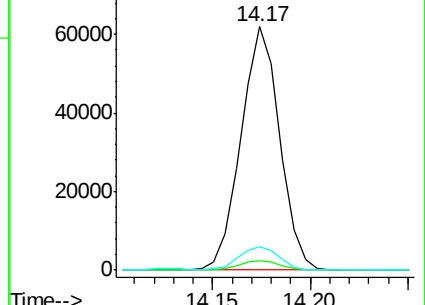
164 9.8 7.7 11.5

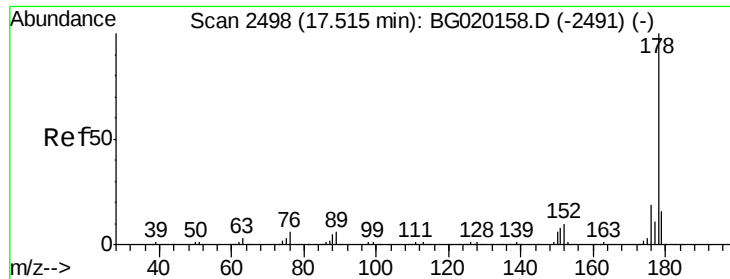


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 2.11 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

D9N46

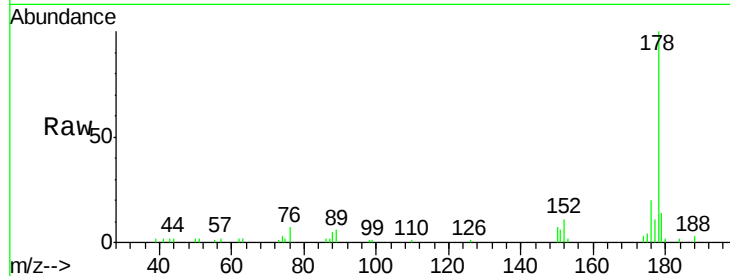
Tgt Ion:178 Resp: 21212

Ion Ratio Lower Upper

178 100

179 14.4 12.9 19.3

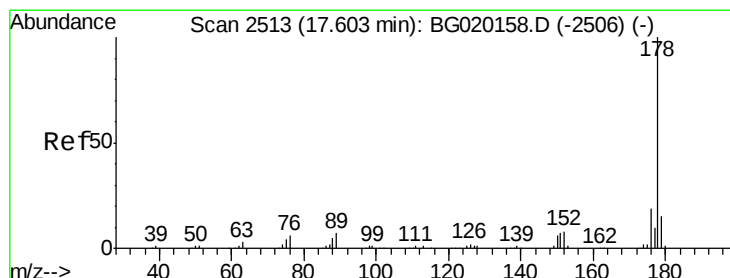
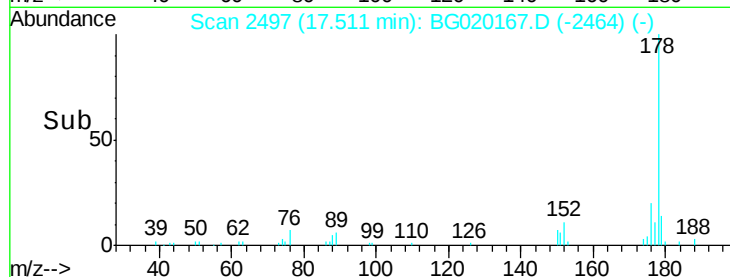
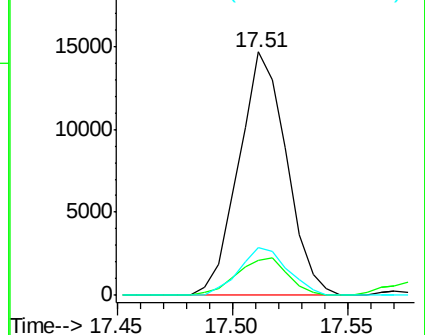
176 19.9 15.3 22.9



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



#72

Anthracene

Concen: 2.08 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.09 min

Lab File: BG020167.D

Acq: 15 Dec 2015 00:15

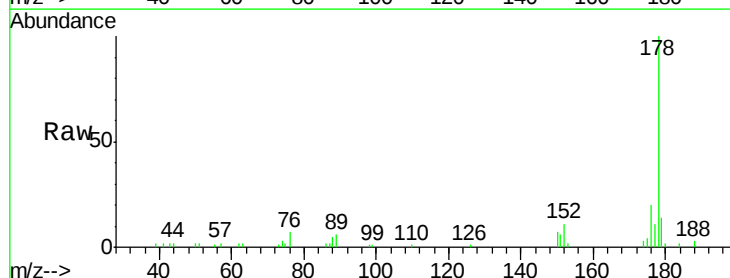
Tgt Ion:178 Resp: 21212

Ion Ratio Lower Upper

178 100

179 14.4 12.3 18.5

176 19.9 14.3 21.5



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

