

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020361.D
 Acq On : 21 Dec 2015 3:11
 Operator : UM/SJ
 Sample : G4848-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N56

Quant Time: Dec 21 05:00:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 01:58:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	20386	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	89480	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	62433	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	151367	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	186162	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	172022	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1907	5.16	ng/uL	0.00
5) Phenol-d5	7.26	99	54078	30.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	32297	30.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	42170	32.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	49134	31.96	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23164	33.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	26890	34.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	51302	32.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	51124	28.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	181005	35.84	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	208783	35.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	26716	29.50	ng/ul	0.00
58) Fluorene-d10	15.71	176	162709	35.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	25803	28.76	ng/ul	0.00
71) Anthracene-d10	17.57	188	258643	37.08	ng/ul	0.00
79) Pyrene-d10	19.85	212	311404	35.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	341486	39.80	ng/ul	0.00

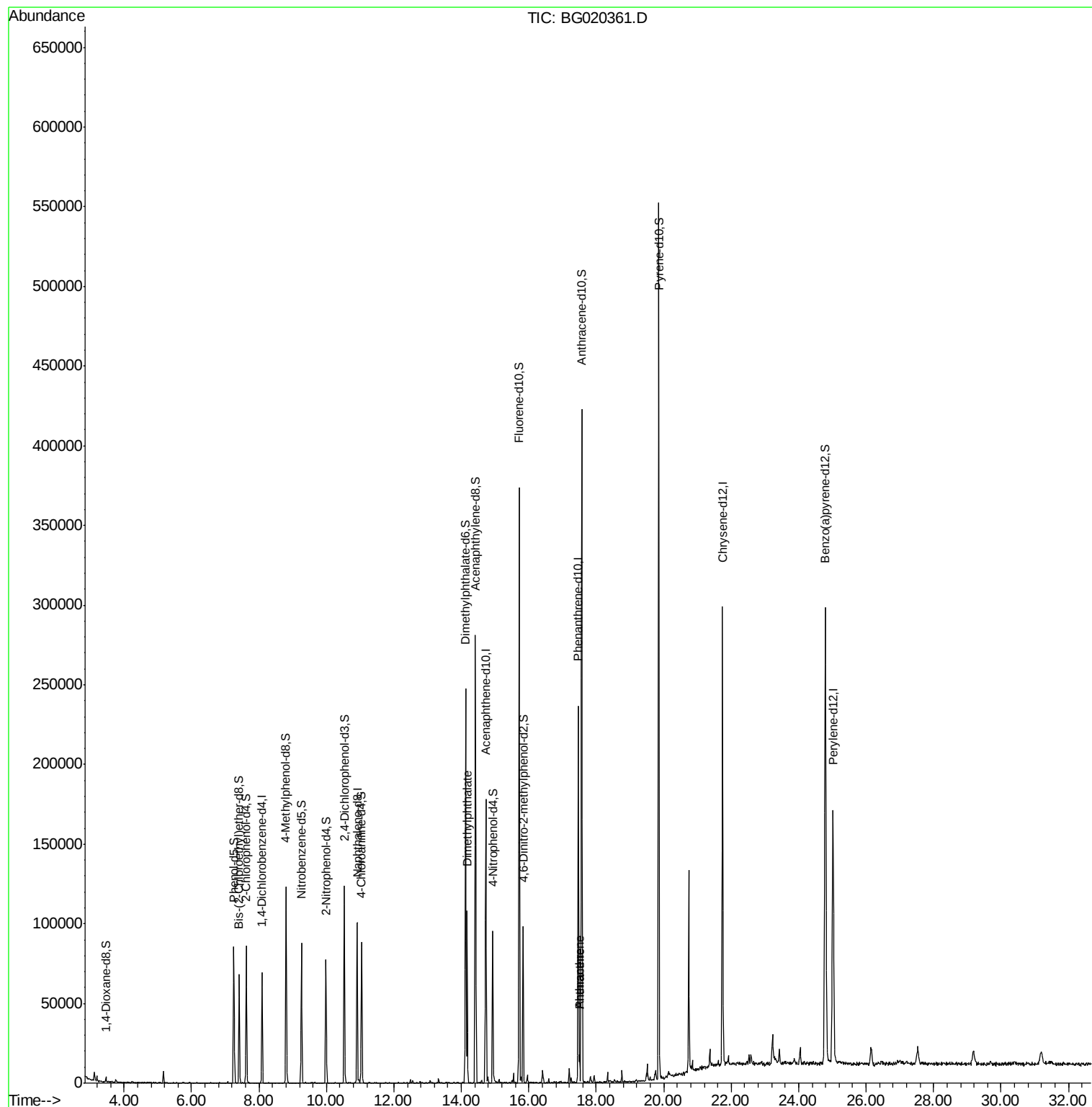
Target Compounds						Ovalue
45) Dimethylphthalate	14.17	163	75048	14.55	ng/ul	99
70) Phenanthrene	17.51	178	12169	1.47	ng/ul	95
72) Anthracene	17.51	178	12169	1.45	ng/ul	97

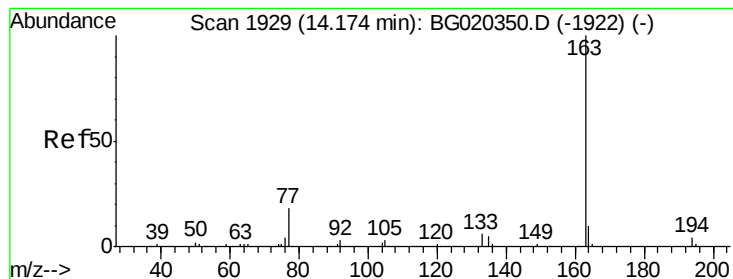
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 14.55 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.00 min

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BNA_G

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D9N56

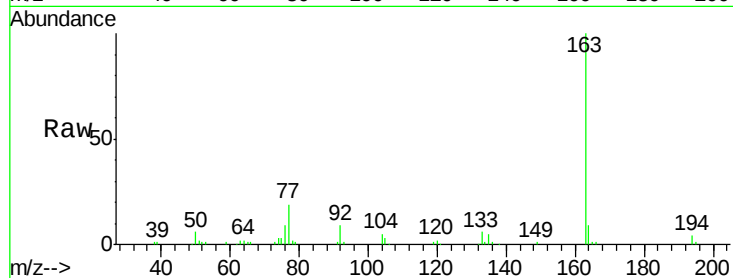
Tot Ion:163 Resp: 75048

Ion Ratio Lower Upper

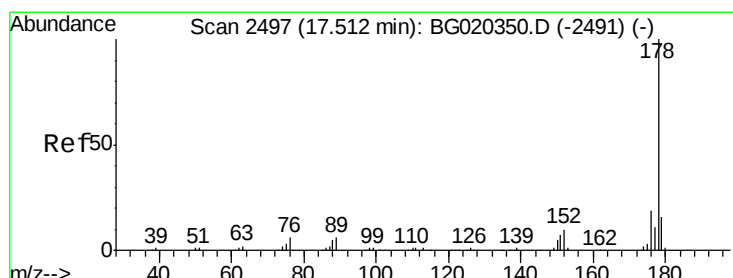
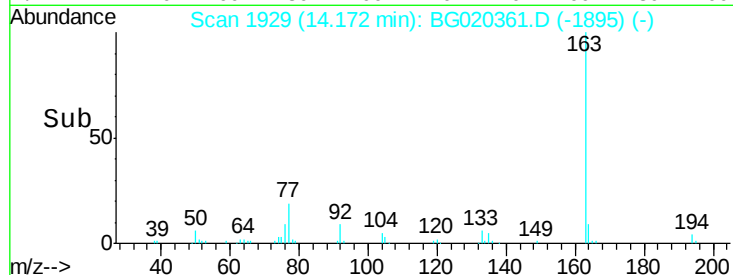
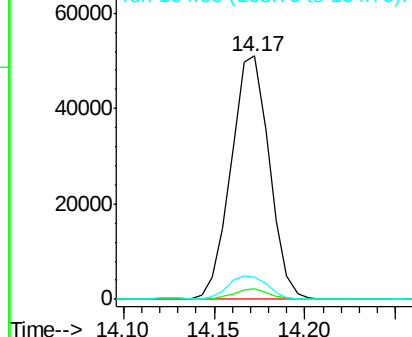
163 100

194 4.3 3.5 5.3

164 9.1 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: 1.47 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020361.D

Acq: 21 Dec 2015 3:11

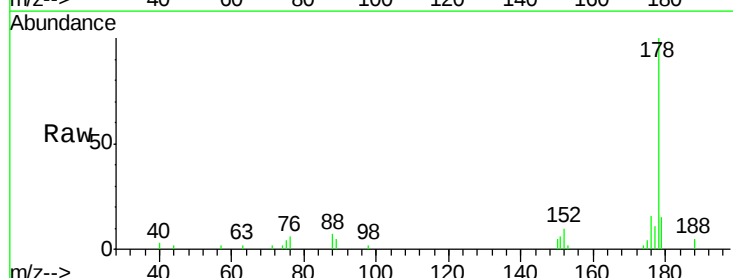
Tgt Ion:178 Resp: 12169

Ion Ratio Lower Upper

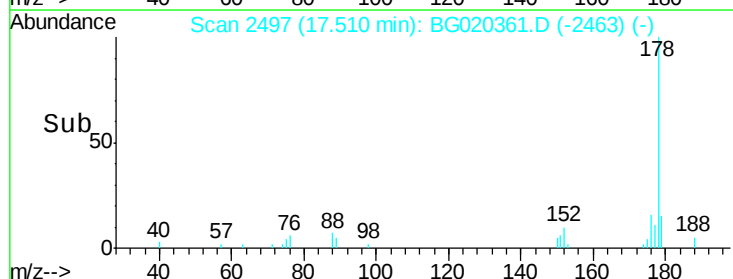
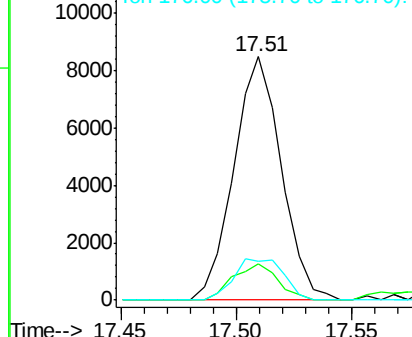
178 100

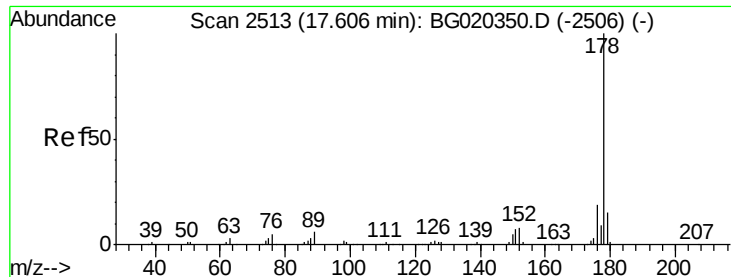
179 14.9 12.9 19.3

176 16.0 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: 1.45 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.10 min

Lab File: BG020361.D

Acq: 21 Dec 2015 3:11

Instrument :

BNA_G

ClientSampleId :

D9N56

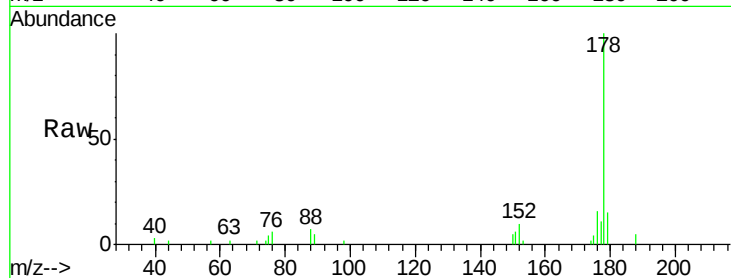
Tot Ion:178 Resp: 12169

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

176 16.0 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

