

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020363.D
 Acq On : 21 Dec 2015 4:28
 Operator : UM/SJ
 Sample : G4848-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N58

Quant Time: Dec 21 05:45:09 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	20383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	88766	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	62117	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	149194	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	185937	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	175399	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1626	4.40	ng/uL	0.00
5) Phenol-d5	7.26	99	49389	27.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	29274	27.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	39402	30.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	43714	28.44	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	21428	30.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	23990	31.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	46565	29.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	46198	26.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	155226	30.89	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	181178	30.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	23042	25.57	ng/ul	0.00
58) Fluorene-d10	15.71	176	139088	30.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	21013	23.76	ng/ul	0.00
71) Anthracene-d10	17.57	188	224827	32.70	ng/ul	0.00
79) Pyrene-d10	19.85	212	269366	31.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	298533	34.12	ng/ul	0.00

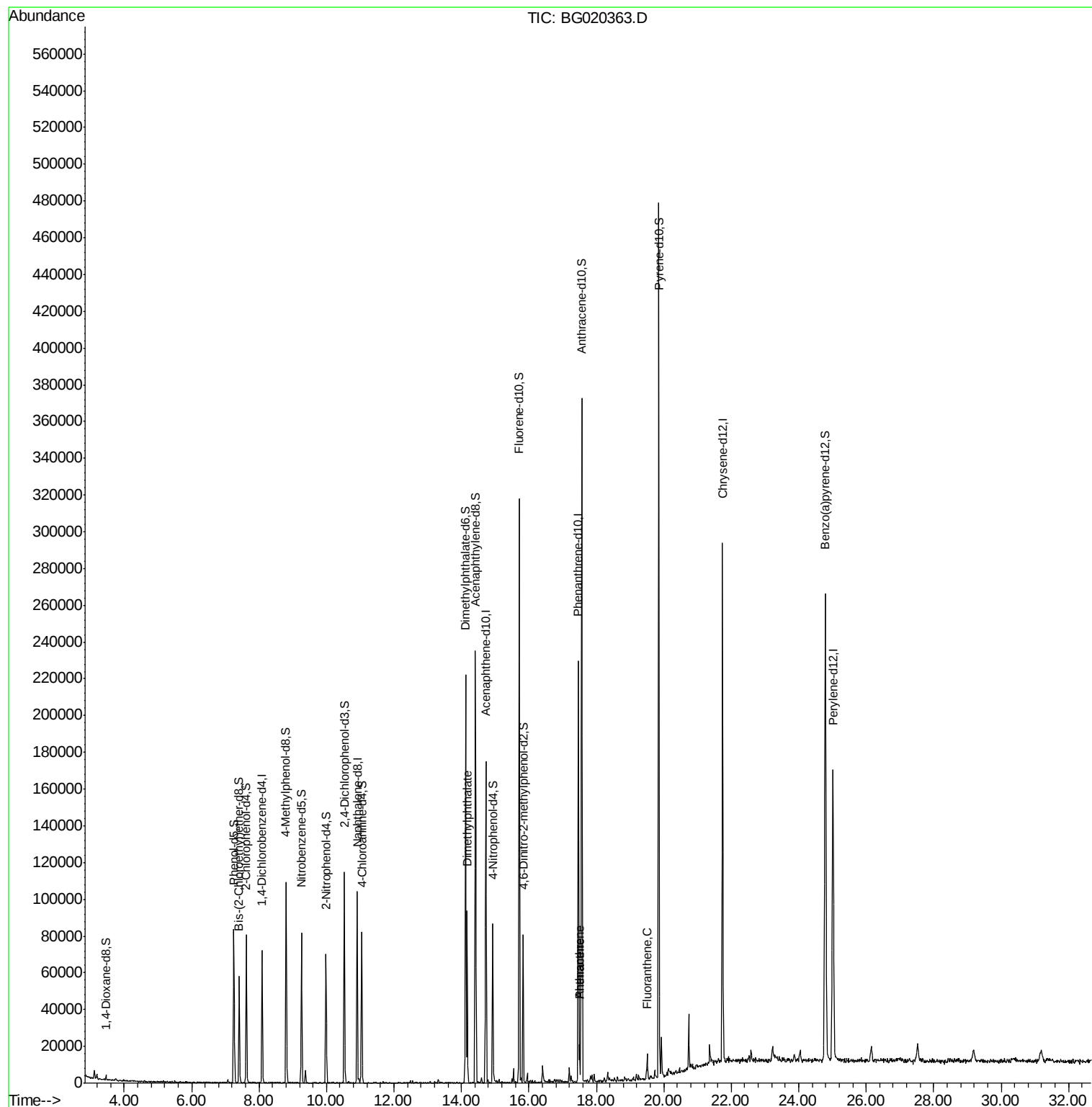
Target Compounds						Ovalue
45) Dimethylphthalate	14.17	163	63247	12.32	ng/ul	99
70) Phenanthrene	17.51	178	13933	1.71	ng/ul	98
72) Anthracene	17.51	178	13933	1.68	ng/ul	99
77) Fluoranthene	19.51	202	9727	1.02	ng/ul#	96

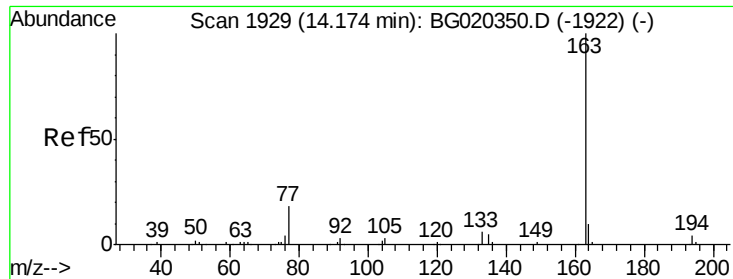
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 12.32 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.00 min

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Acq: 21 Dec 2015 4:28

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ClientSampleId :

D9N58

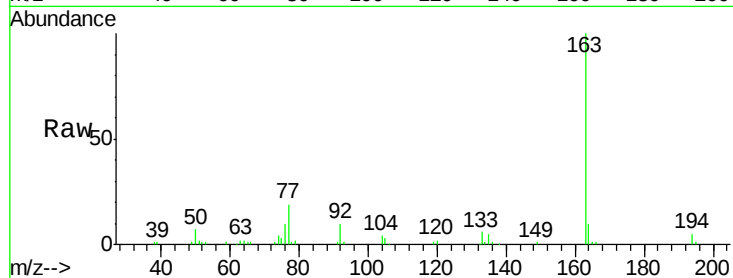
Tot Ion:163 Resp: 63247

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

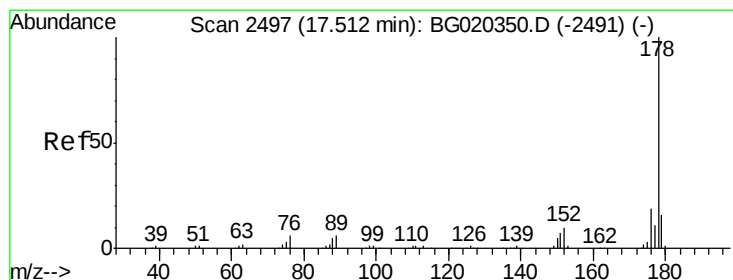
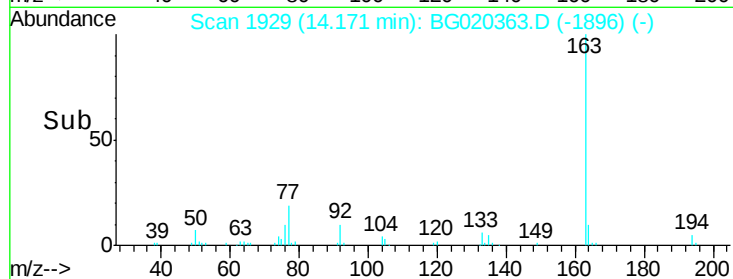
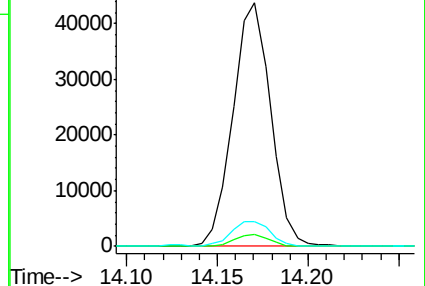
164 10.0 7.7 11.5



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: 1.71 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020363.D

Acq: 21 Dec 2015 4:28

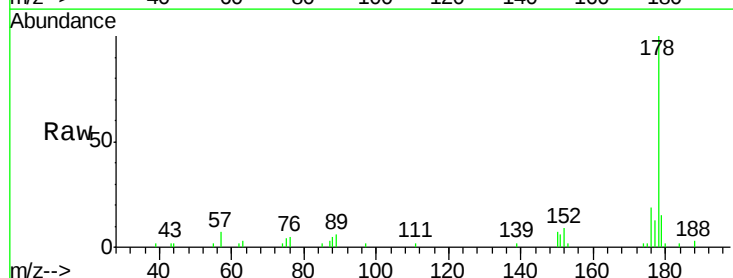
Tgt Ion:178 Resp: 13933

Ion Ratio Lower Upper

178 100

179 15.2 12.9 19.3

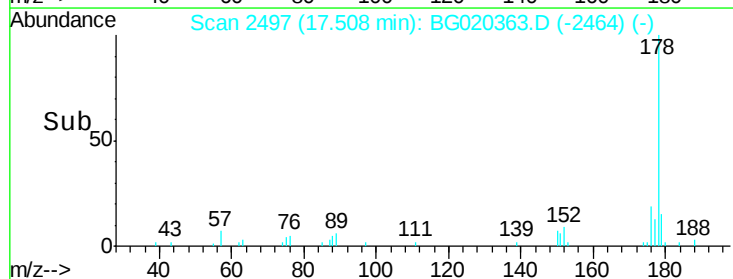
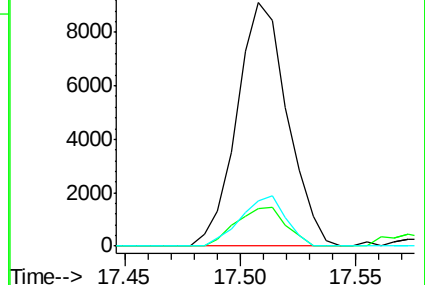
176 18.5 15.3 22.9

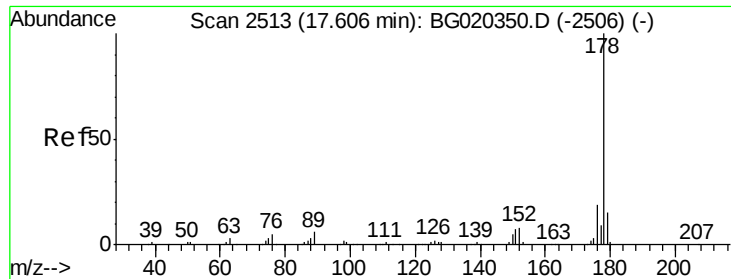


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.68 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.10 min

Lab File: BG020363.D

Acq: 21 Dec 2015 4:28

Instrument :

BNA_G

ClientSampleId :

D9N58

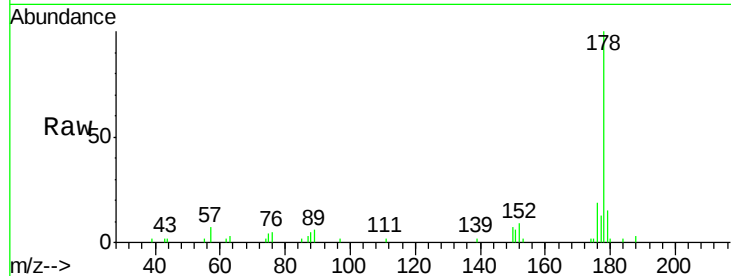
Tot Ion:178 Resp: 13933

Ion Ratio Lower Upper

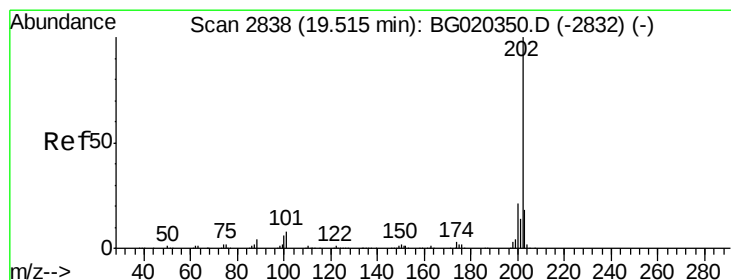
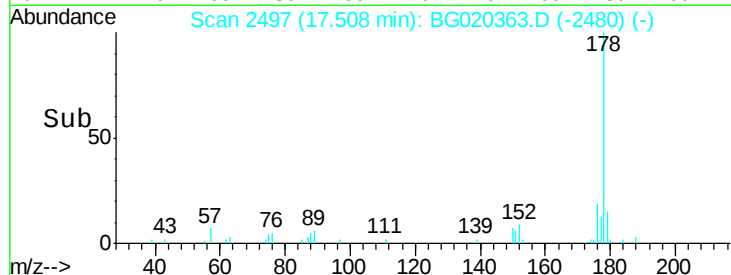
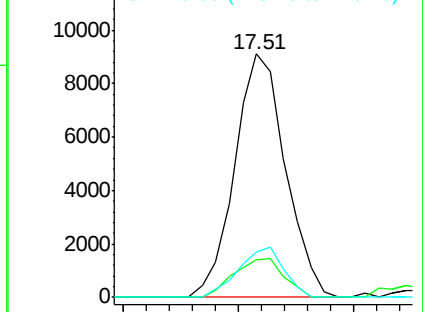
178 100

179 15.2 12.3 18.5

176 18.5 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



#77

Fluoranthene

Concen: 1.02 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG020363.D

Acq: 21 Dec 2015 4:28

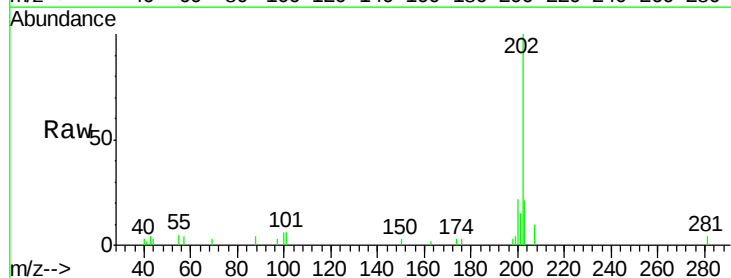
Tgt Ion:202 Resp: 9727

Ion Ratio Lower Upper

202 100

101 6.2 6.2 9.4#

100 5.6 5.1 7.7



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

