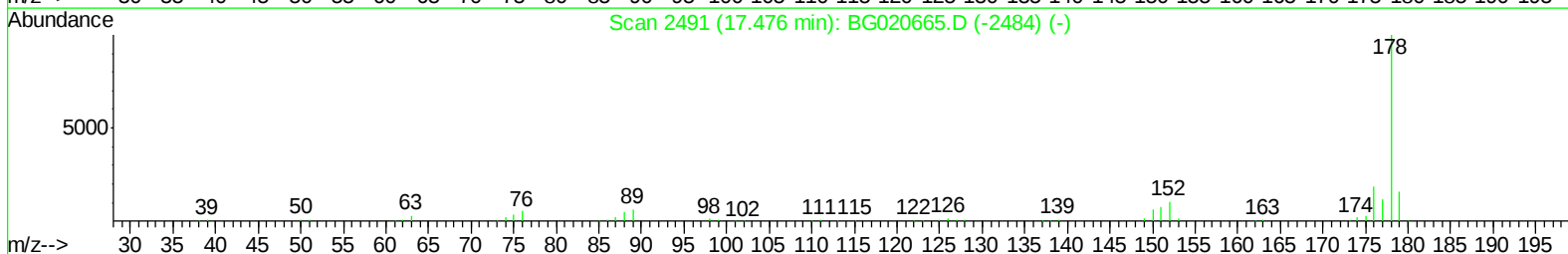
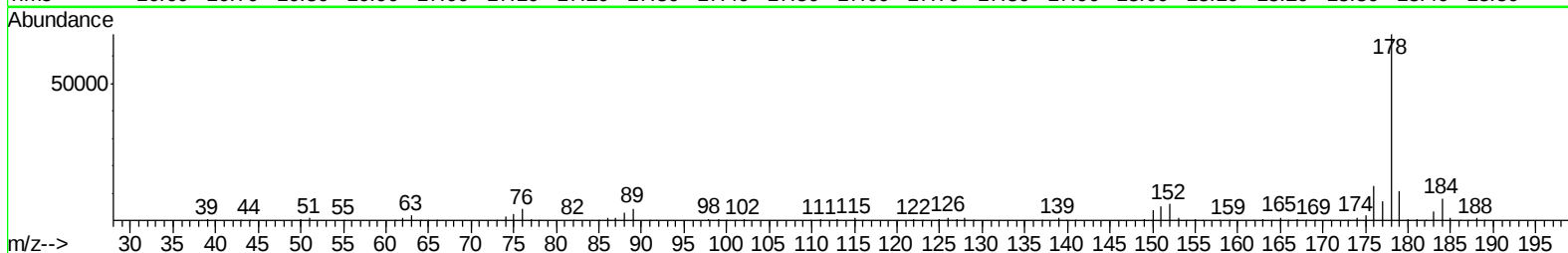
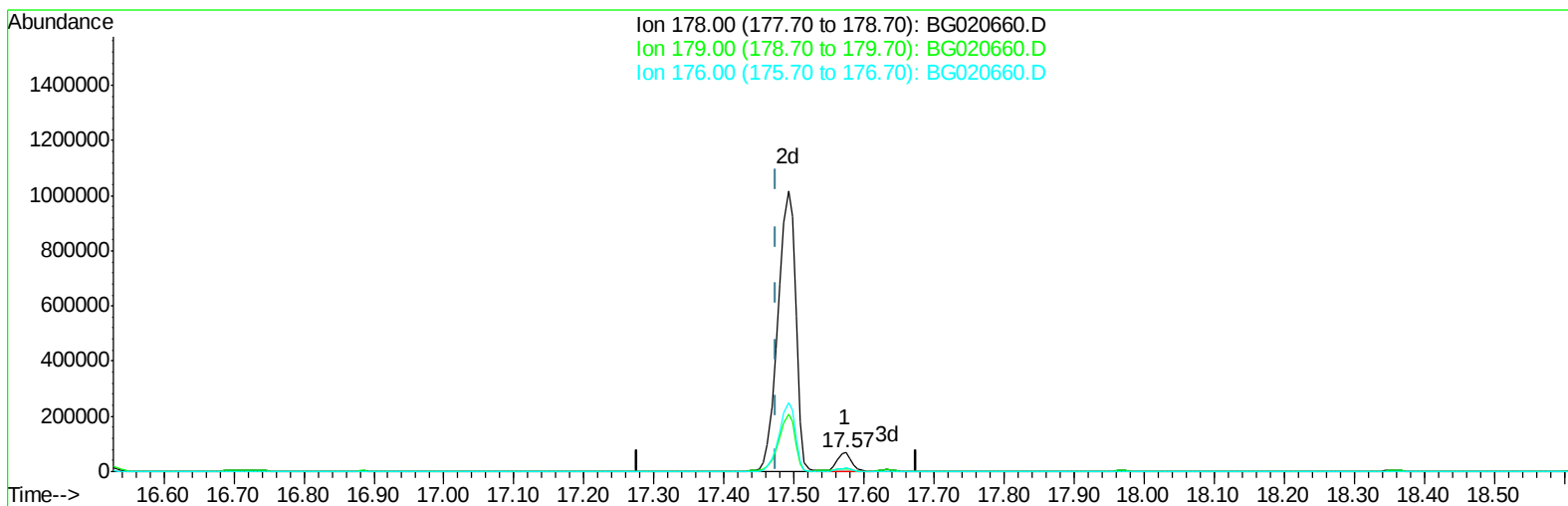


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020660.D
Acq On : 5 Jan 2016 18:23
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 06 05:46:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 04:25:43 2016
Response via : Initial Calibration



TIC: BG020660.D

(70) Phenanthrene

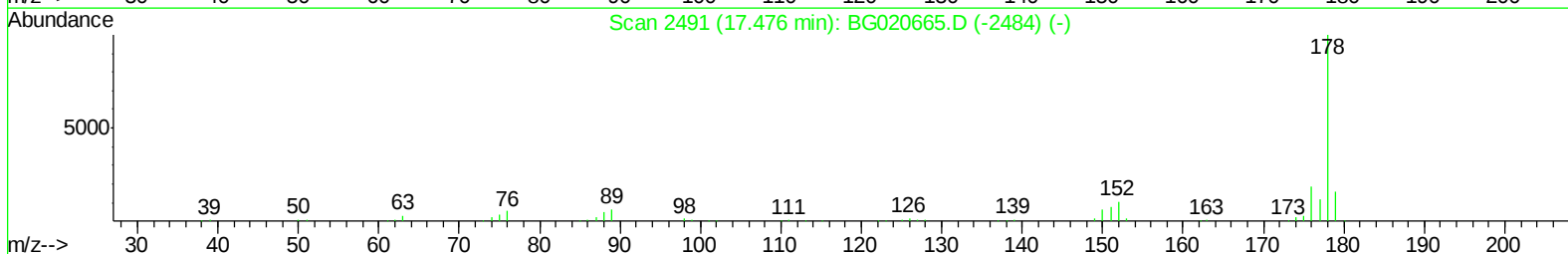
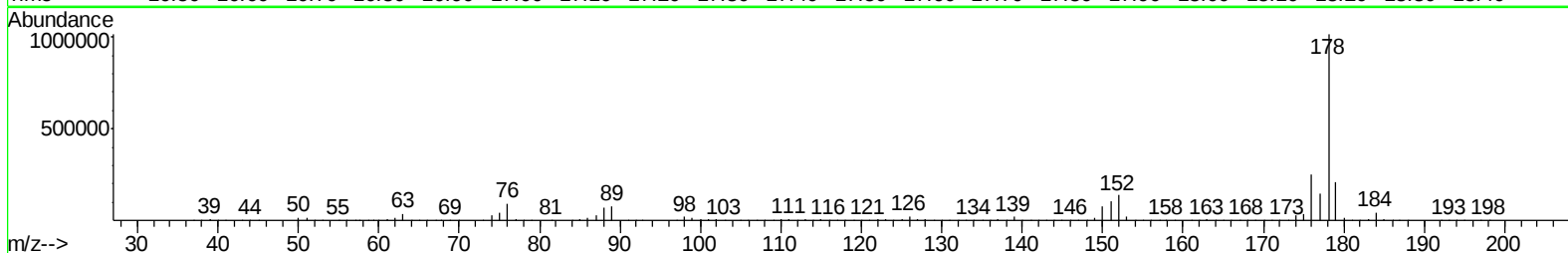
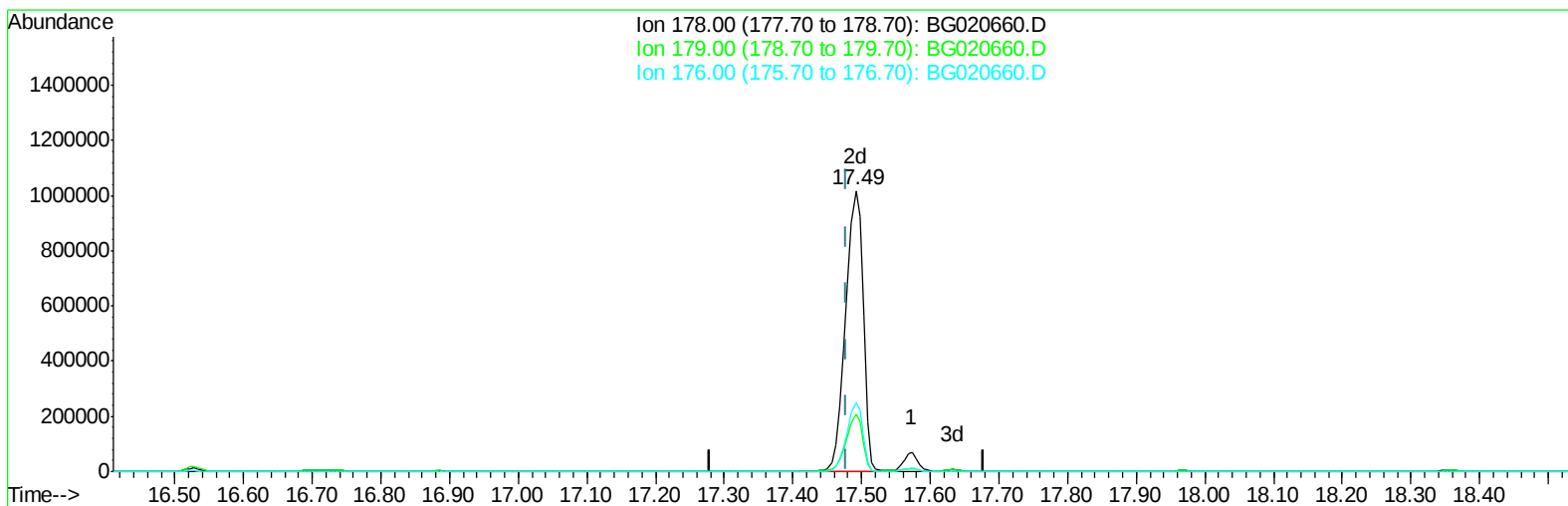
17.574min (+0.098) 13.69ng/ul

response 101403

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.96
176.00	19.20	18.44
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
Data File : BG020660.D
Acq On : 5 Jan 2016 18:23
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 06 03:13:09 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:15:22 2016
Response via : Initial Calibration



TIC: BG020660.D

(70) Phenanthrene

17.492min (+0.012) 244.71ng/ul m

response 1812329

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	20.49#
176.00	19.20	24.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010516\
 Data File : BG020660.D
 Acq On : 5 Jan 2016 18:23
 Operator : UM/SJ
 Sample : G4846-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 06 03:13:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 06 00:15:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	17970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	79744	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.69	164	58506	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	136226	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	166442	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	157909	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	306	1.02	ng/uL	0.00
5) Phenol-d5	7.21	99	11322	7.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	30028	32.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	32448	27.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	23596	18.12	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	21907	35.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	26889	37.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	44282	32.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	1532	0.95	ng/ul	0.02
44) Dimethylphthalate-d6	14.10	166	176746	36.92	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	197662	36.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	5496	7.32	ng/ul	0.00
58) Fluorene-d10	15.68	176	158364	36.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	26373	31.92	ng/ul	0.00
71) Anthracene-d10	17.54	188	246362	38.81	ng/ul	0.00
79) Pyrene-d10	19.82	212	288228	38.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	321162	40.76	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.98	128	6297116	1491.14	ng/ul#	60
34) 2-Methylnaphthalene	12.54	142	1153358	365.00	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	392137	89.08	ng/ul	99
48) Acenaphthylene	14.41	152	158781	27.41	ng/ul	98
50) Acenaphthene	14.77	153	1520961	388.02	ng/ul	96
54) Dibenzofuran	15.10	168	1256646	212.14	ng/ul	94
59) Fluorene	15.75	166	959555	201.38	ng/ul	96
70) Phenanthrene	17.49	178	1812329m	244.71	ng/ul	
72) Anthracene	17.57	178	102496	13.53	ng/ul	98
75) Carbazole	17.85	167	1221966	191.16	ng/ul#	93
77) Fluoranthene	19.49	202	397765	43.96	ng/ul	99
80) Pyrene	19.85	202	236070	24.49	ng/ul	99
83) Benzo(a)anthracene	21.69	228	9975	1.02	ng/ul	98

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

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