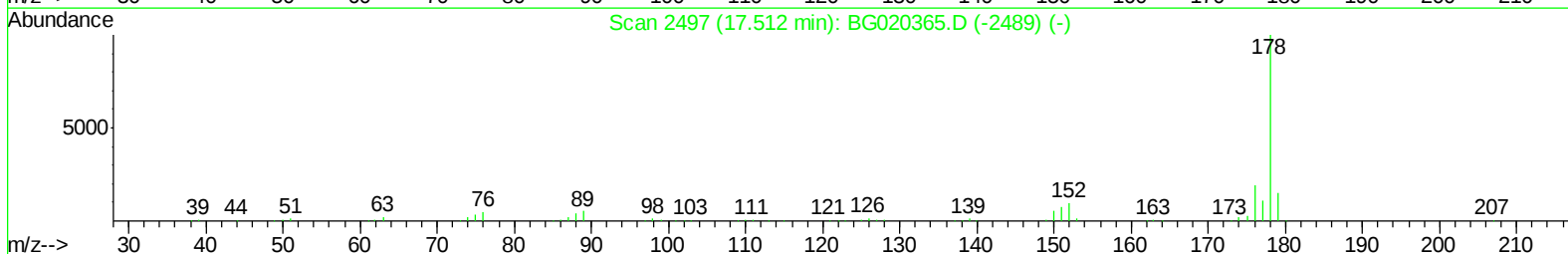
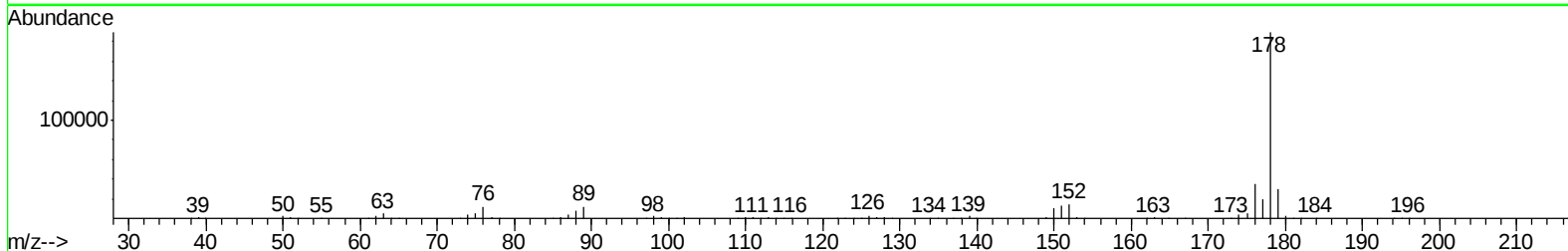
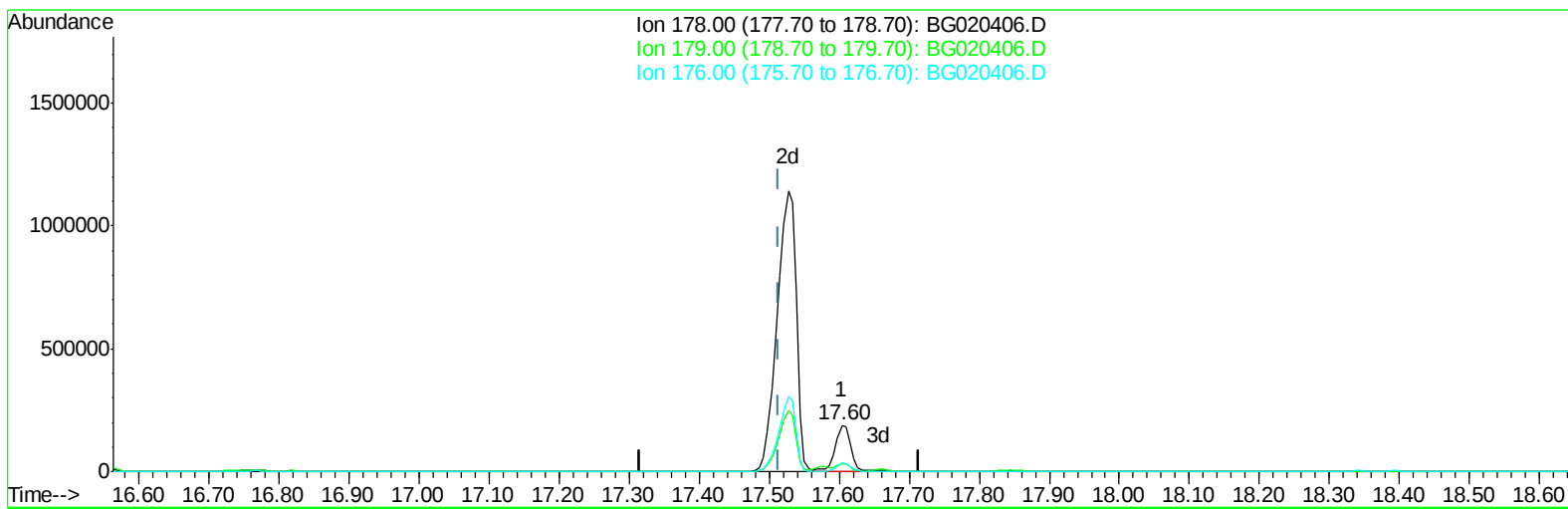


Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(70) Phenanthrene

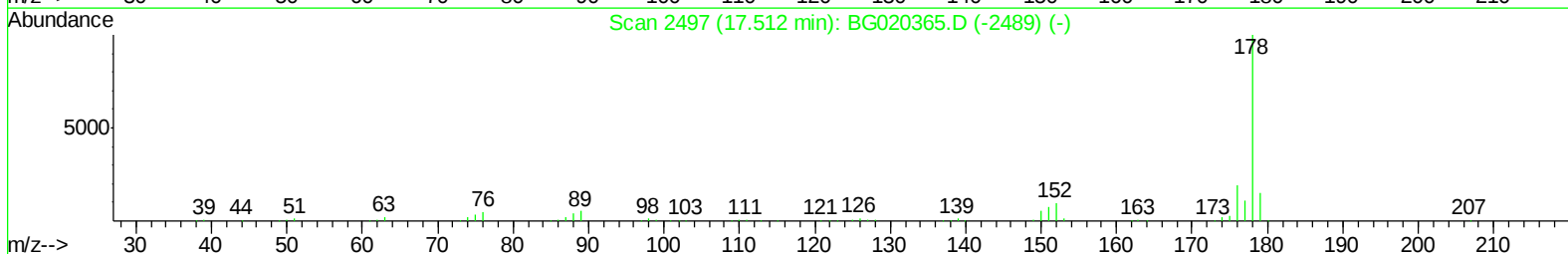
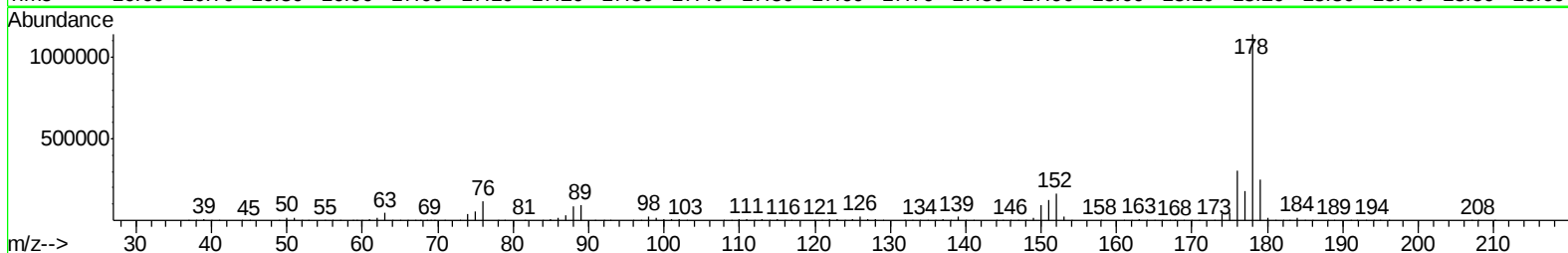
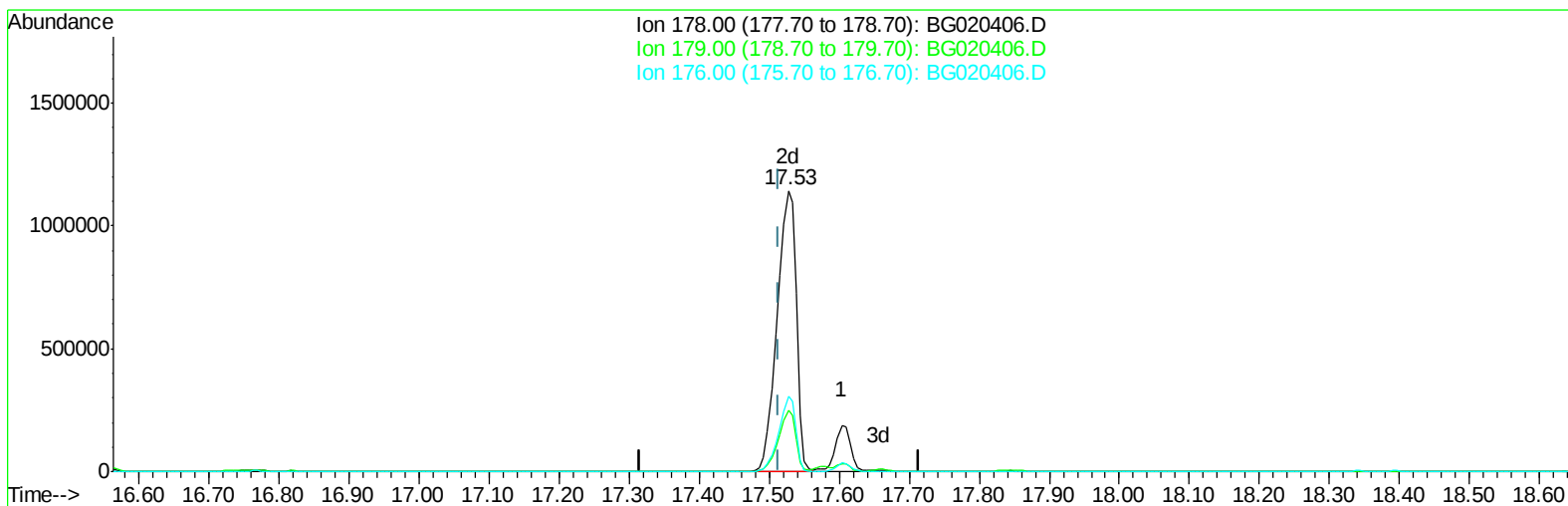
17.603min (+0.088) 41.82ng/ul

response 289074

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.07
176.00	19.10	18.26
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(70) Phenanthrene

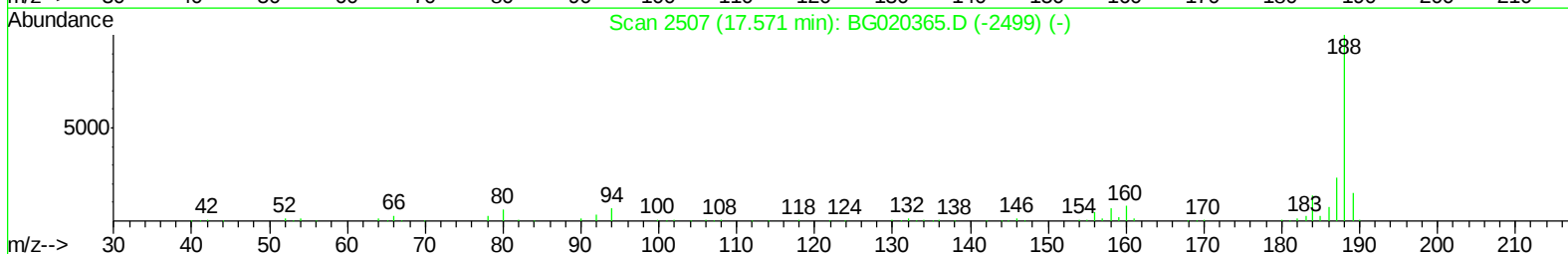
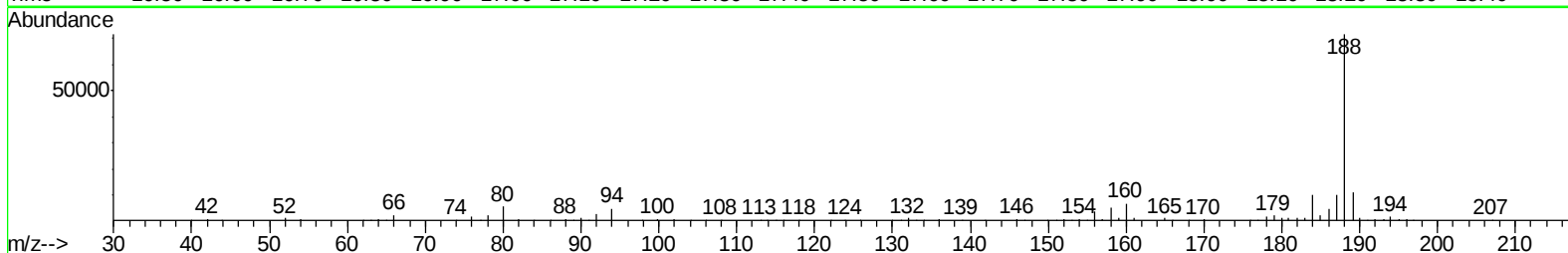
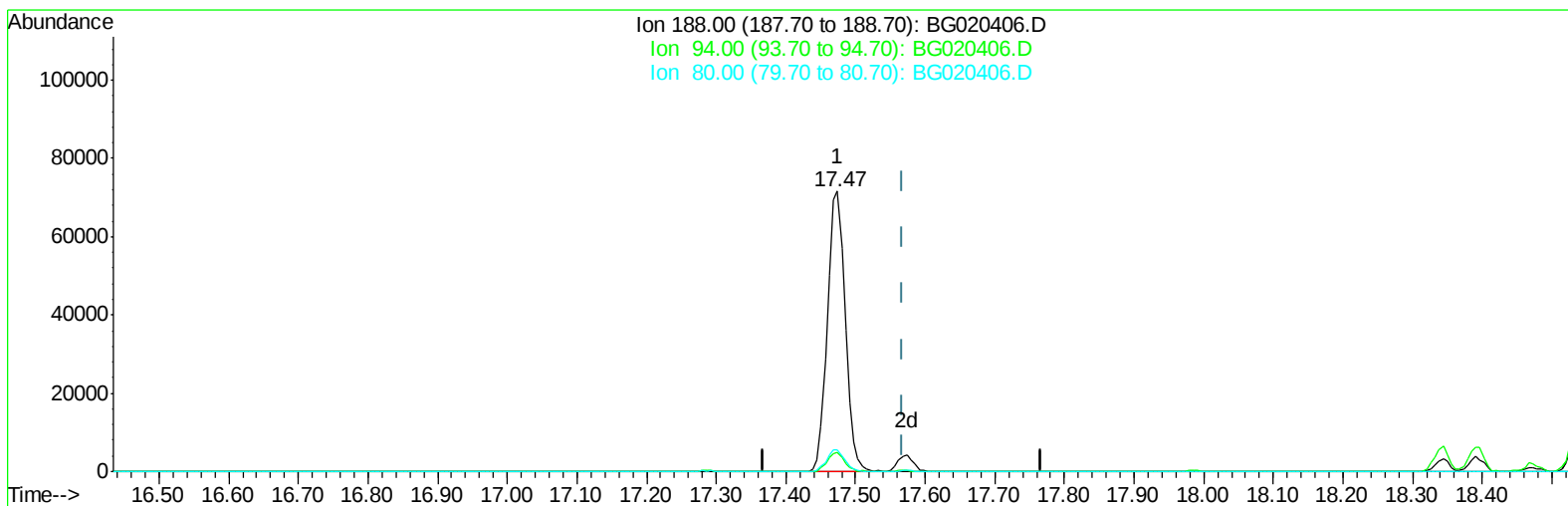
17.527min (+0.012) 316.14ng/ul m

response 2185397

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	21.90#
176.00	19.10	26.67#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(71) Anthracene-d10 (S)

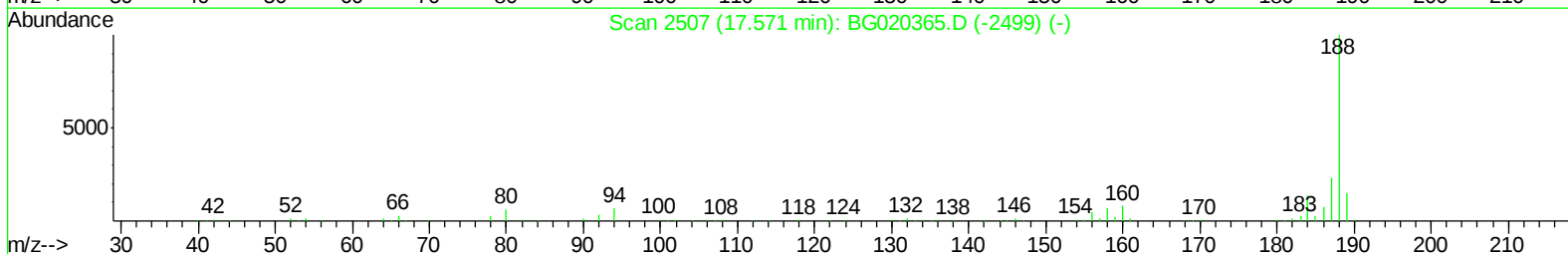
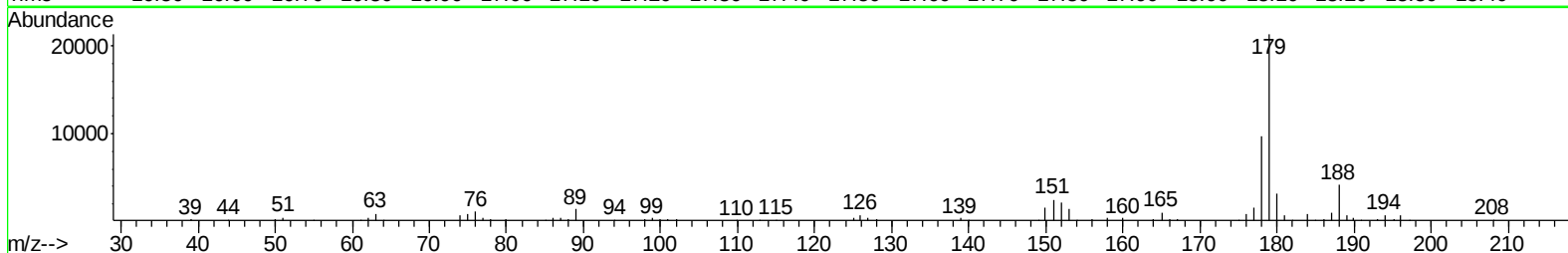
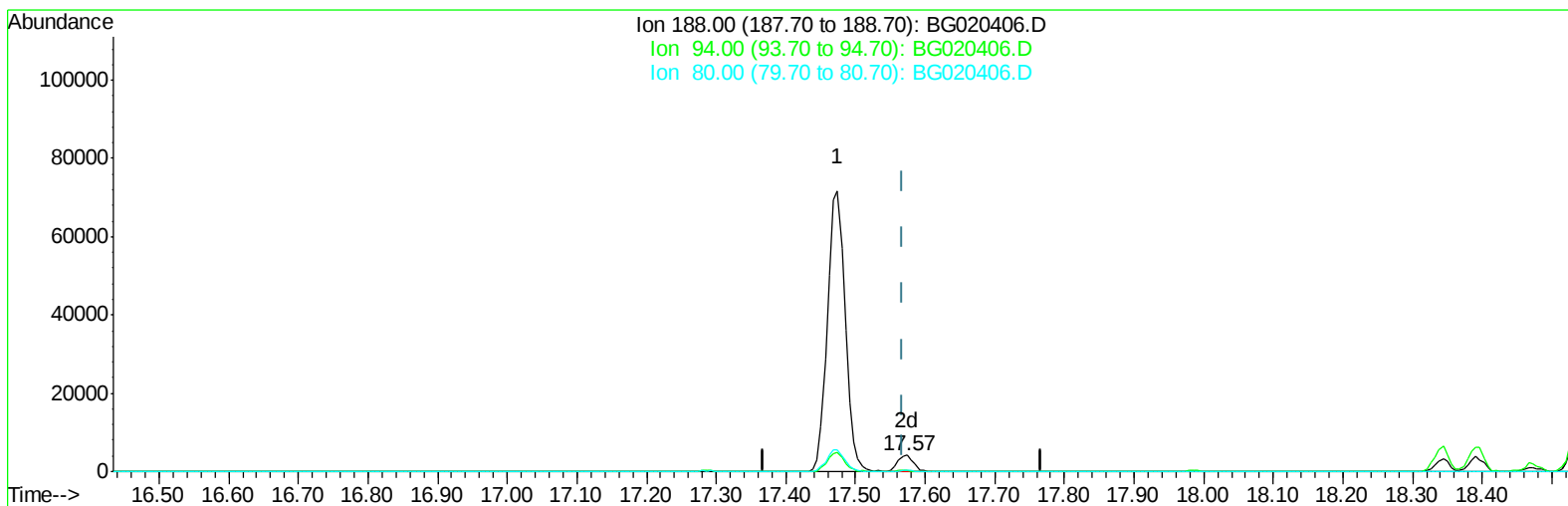
17.474min (-0.094) 21.70ng/ul

response 126379

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	6.61
80.00	7.50	7.59
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(71) Anthracene-d10 (S)

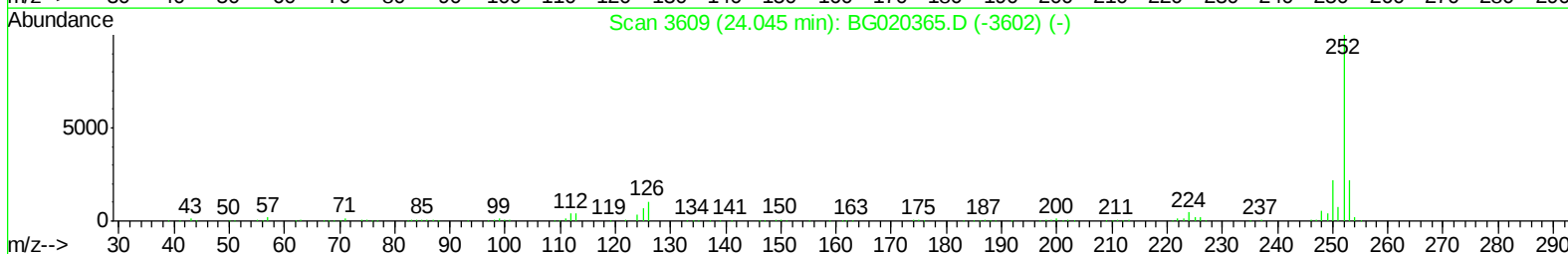
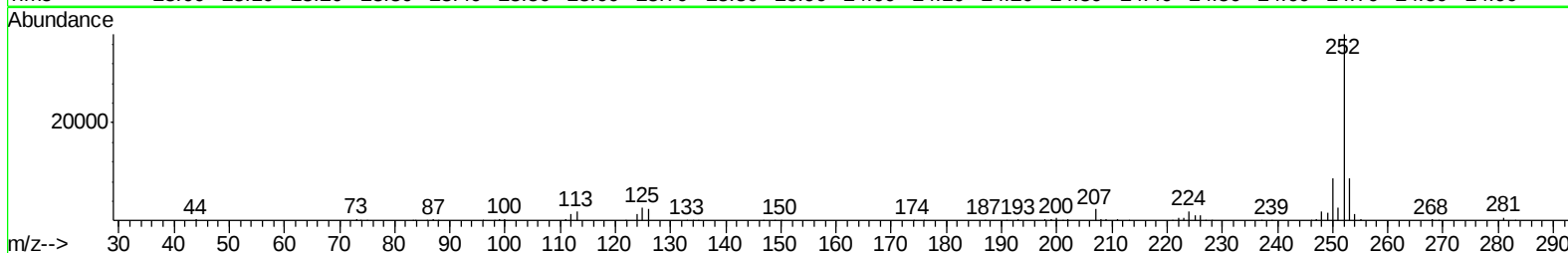
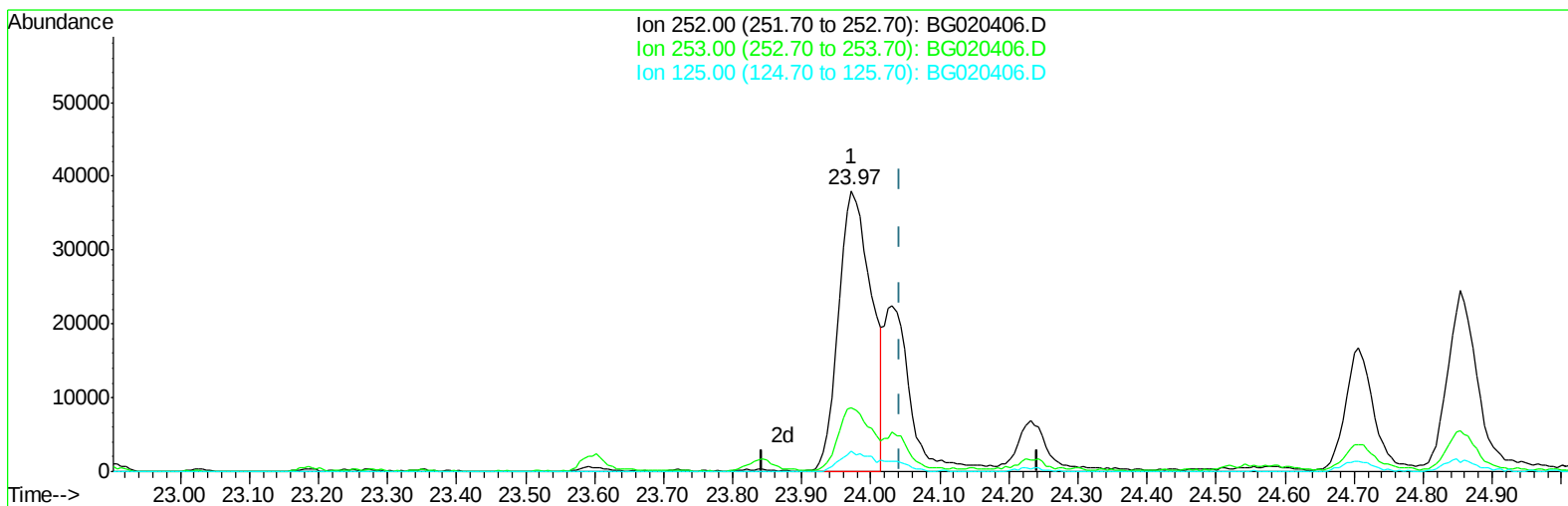
17.574min (+0.006) 1.08ng/ul m

response 6316

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	4.90#
80.00	7.50	7.05
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(89) Benzo(k)fluoranthene

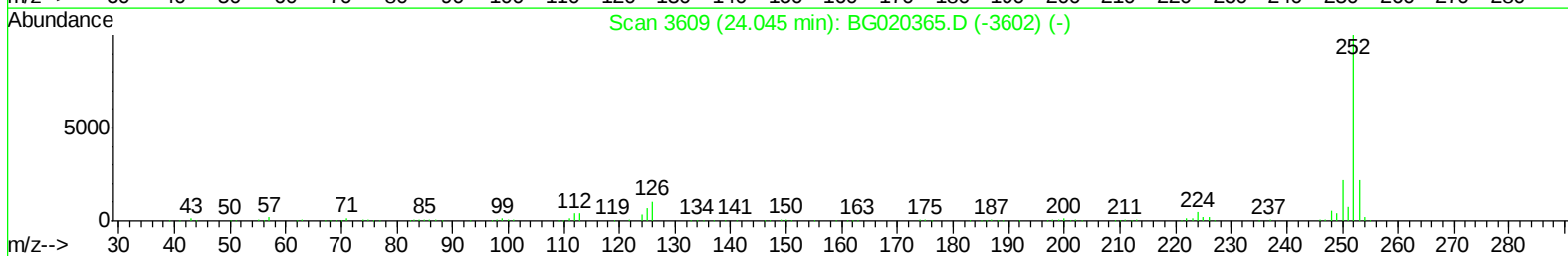
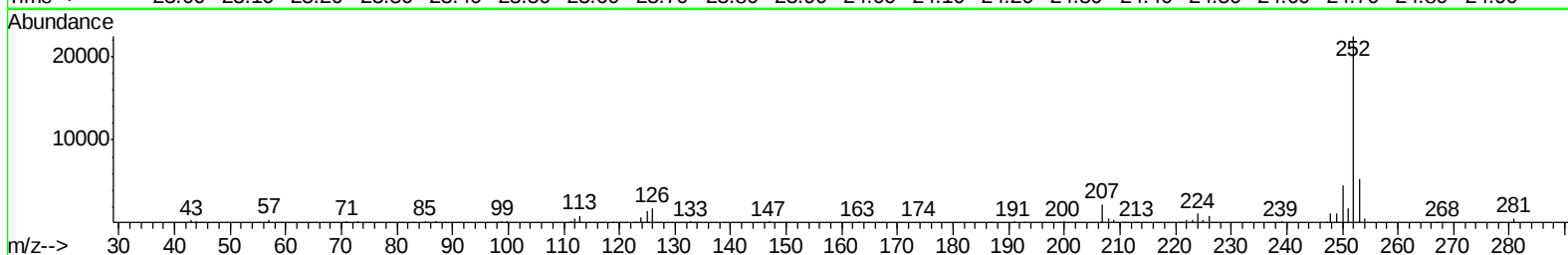
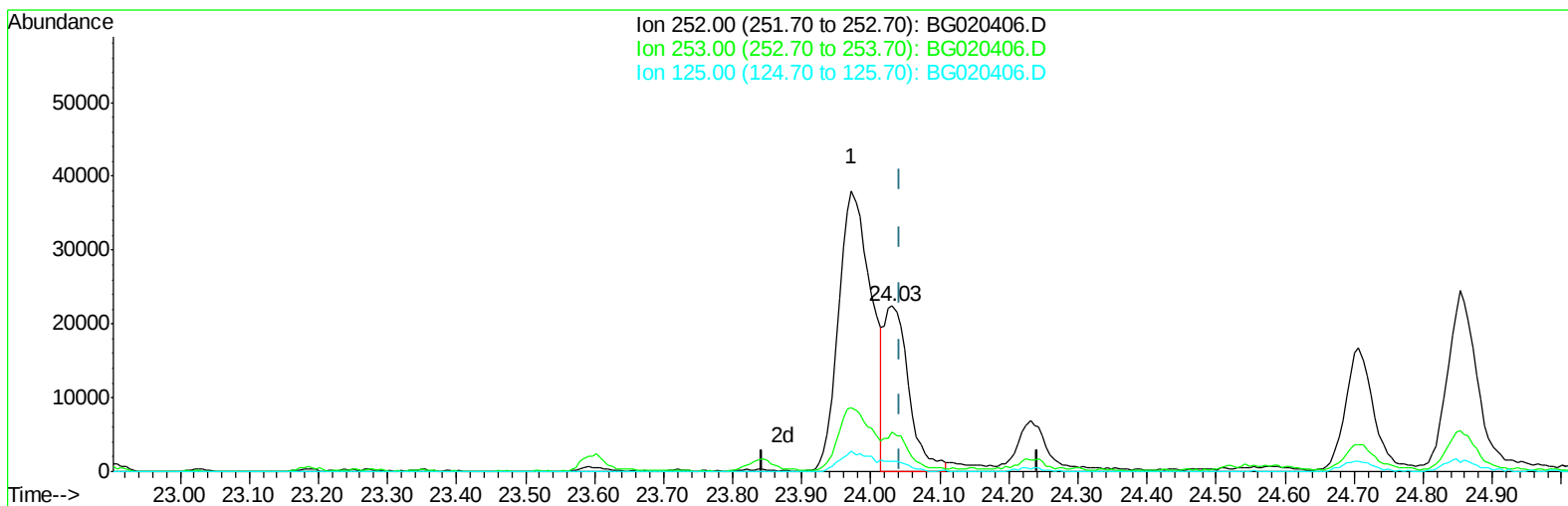
23.972min (-0.070) 15.14ng/ul

response 125604

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.84
125.00	7.20	7.19
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(89) Benzo(k)fluoranthene

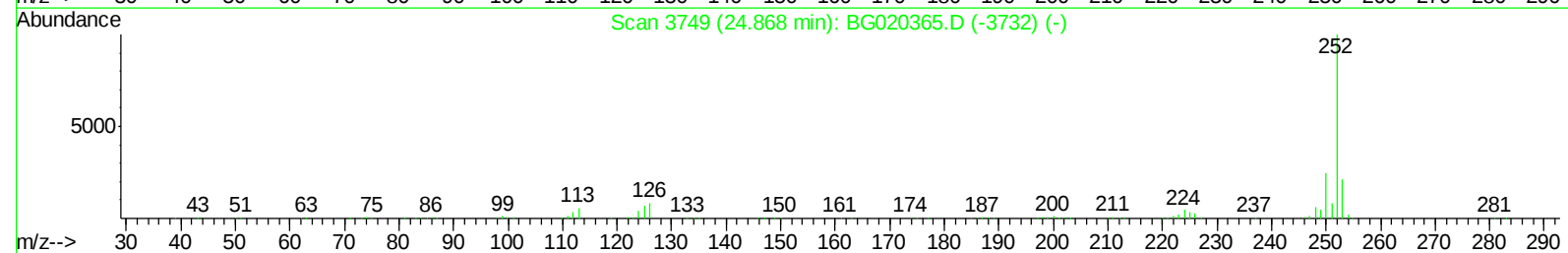
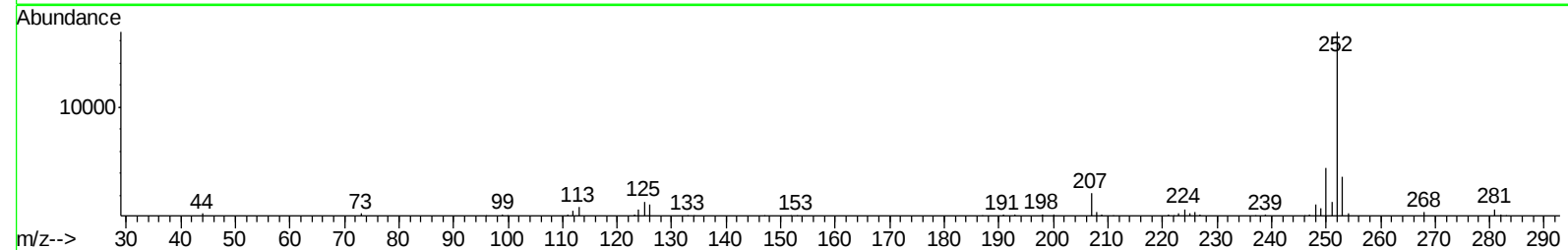
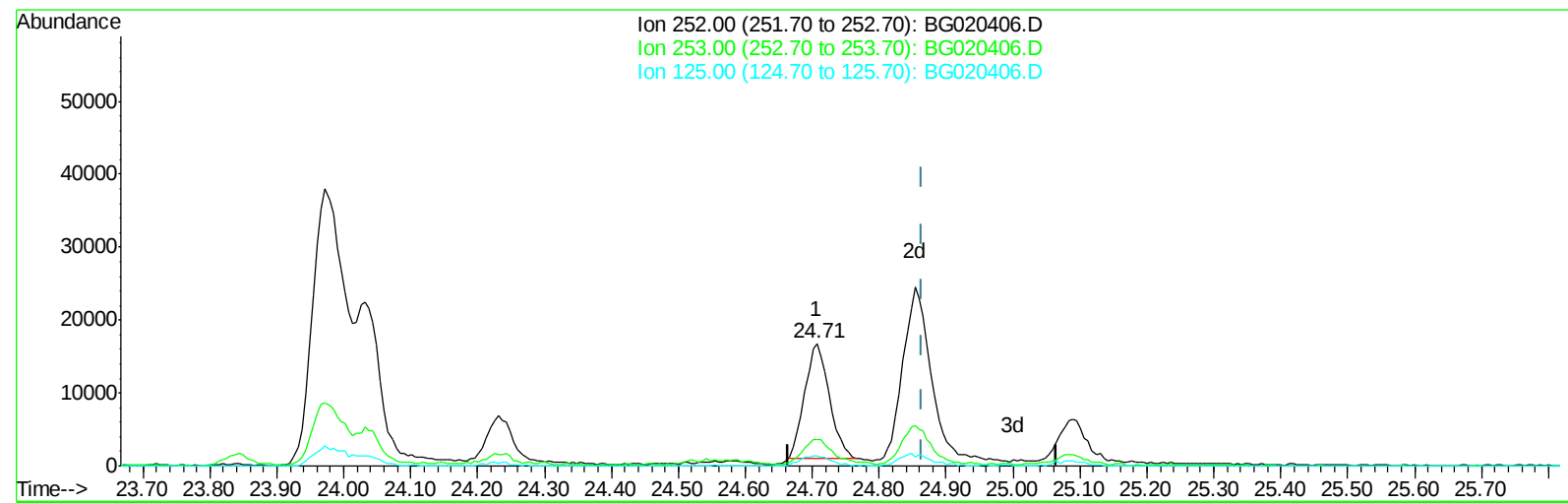
24.031min (-0.012) 6.77ng/ul m

response 56181

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.12
125.00	7.20	6.55
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(91) Benzo(a)pyrene (C)

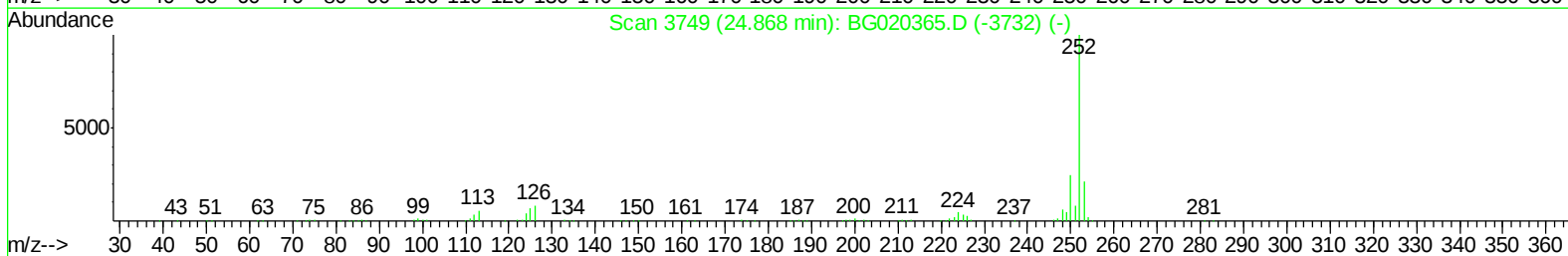
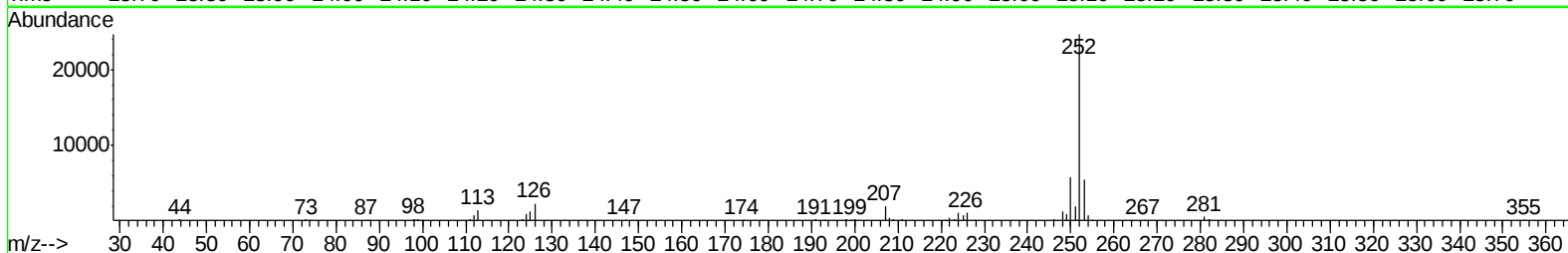
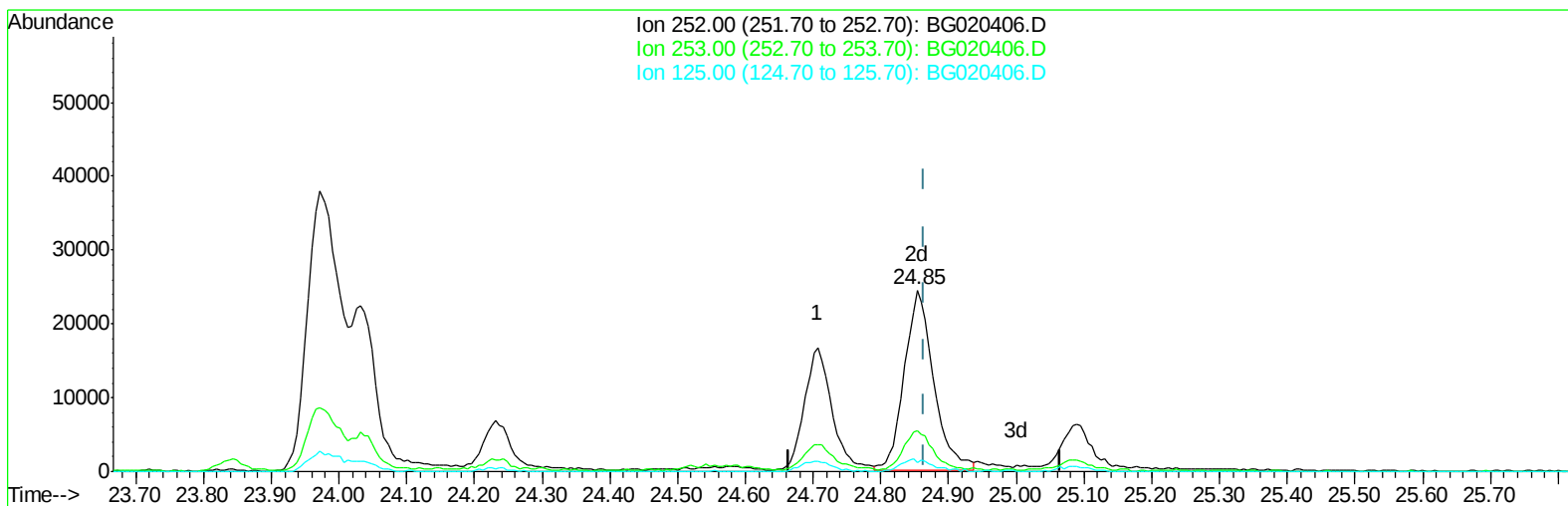
24.707min (-0.158) 4.92ng/ul

response 40355

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.07
125.00	7.80	8.71
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(91) Benzo(a)pyrene (C)

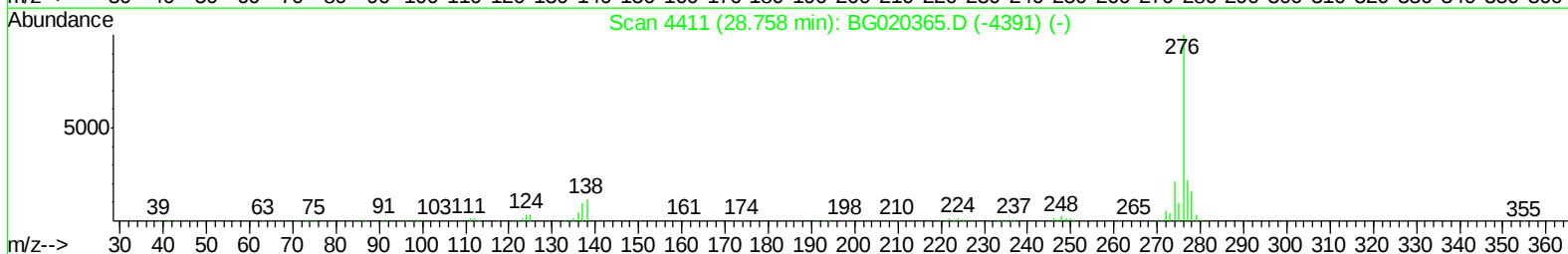
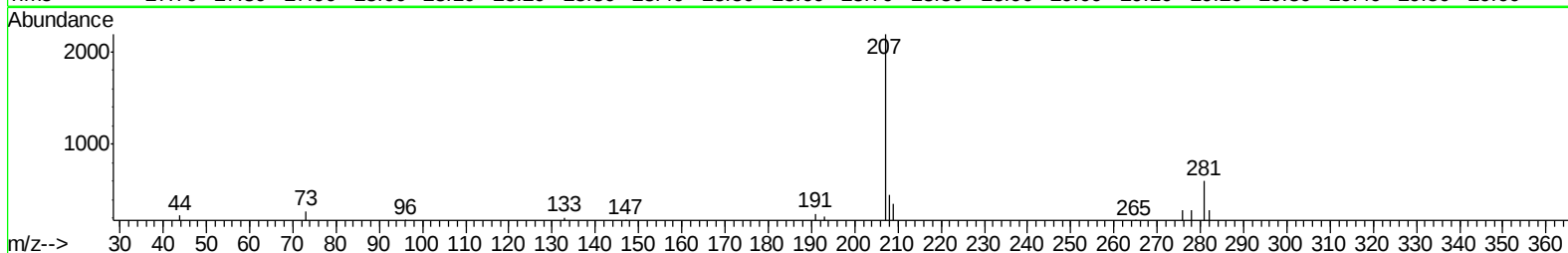
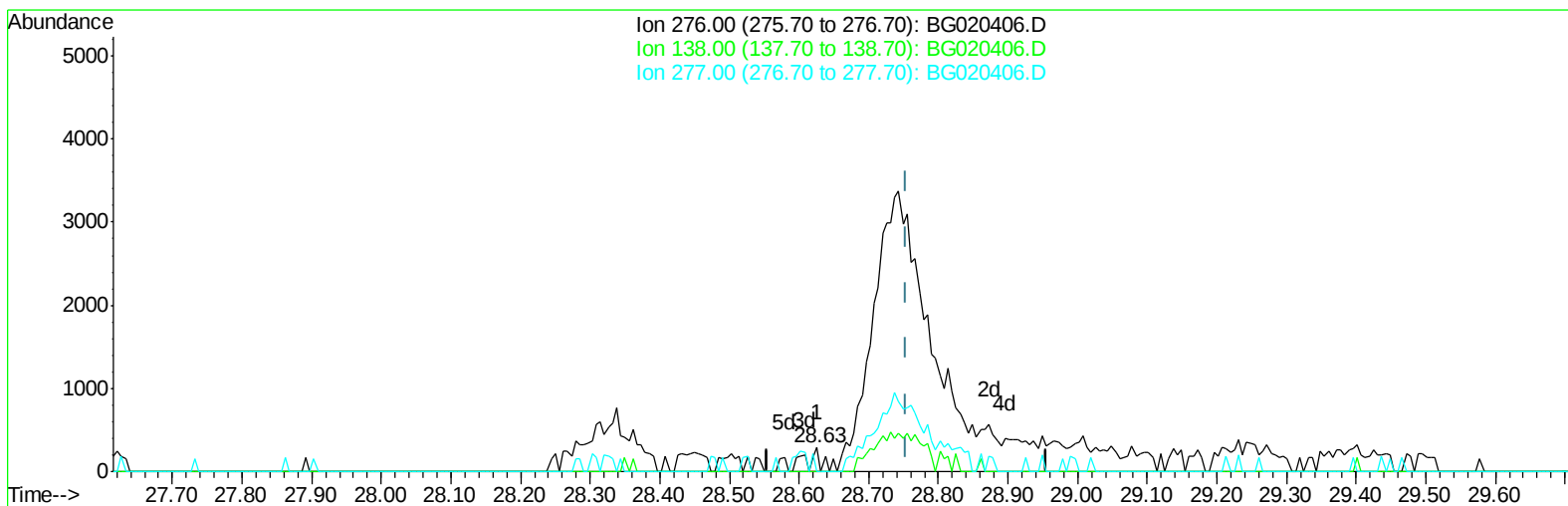
24.854min (-0.012) 8.89ng/ul m

response 72843

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.65
125.00	7.80	5.25#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(92) Indeno(1,2,3-cd)pyrene

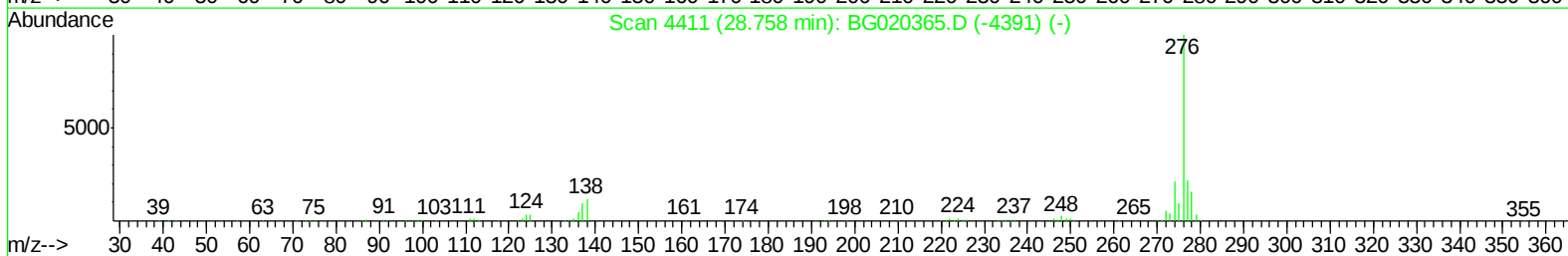
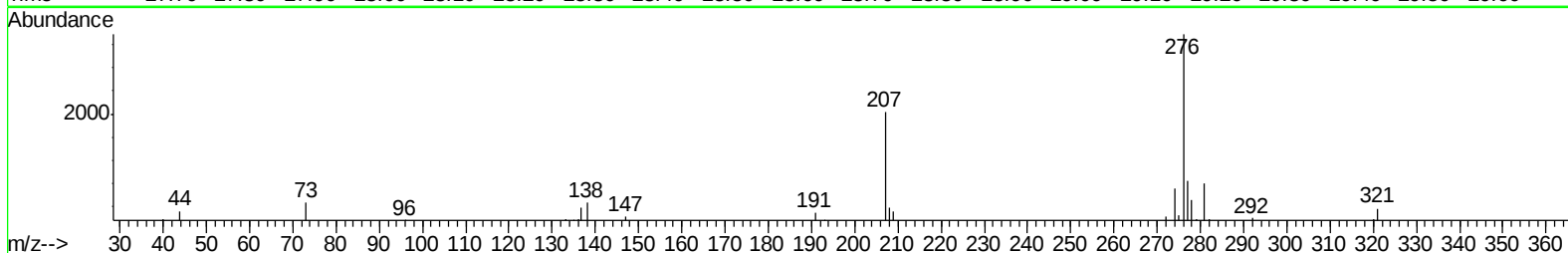
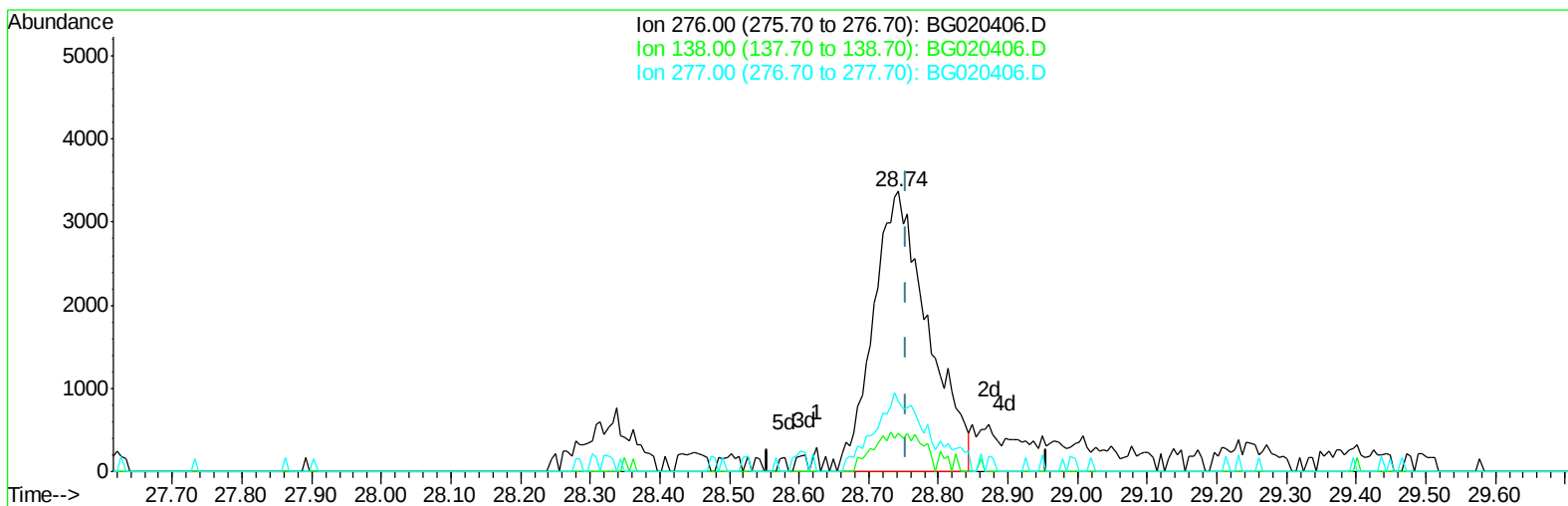
28.626min (-0.129) 0.02ng/ul

response 164

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	0.00#
277.00	21.70	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



TIC: BG020406.D

(92) Indeno(1,2,3-cd)pyrene

28.743min (-0.012) 1.89ng/ul m

response 18436

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	13.84
277.00	21.70	25.01
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
 Data File : BG020406.D
 Acq On : 22 Dec 2015 10:04
 Operator : UM/SJ
 Sample : G4848-17DL 30X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:07:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	73095	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	54098	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	126379	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	161554	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	143642	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	820	0.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	626	0.71	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.63	132	622	0.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	704	0.56	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	163	0.29	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.53	165	1039	0.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1257	0.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	4575	1.05	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	5247	1.03	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.72	176	4277	1.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.57	188	6316m	1.08	ng/ul	0.00
79) Pyrene-d10	19.85	212	7697	1.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	7391	1.03	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.96	128	520329	136.31	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	223255	76.57	ng/ul	97
41) 1,1'-Biphenyl	13.56	154	105414	25.83	ng/ul	96
48) Acenaphthylene	14.44	152	29916	5.53	ng/ul#	95
50) Acenaphthene	14.79	153	478423	131.47	ng/ul	99
54) Dibenzofuran	15.12	168	501131	92.57	ng/ul	100
59) Fluorene	15.77	166	503486	115.82	ng/ul	97
70) Phenanthrene	17.53	178	2185397m	316.14	ng/ul	
72) Anthracene	17.60	178	289074	41.23	ng/ul	99
75) Carbazole	17.87	167	140950	23.93	ng/ul	98
77) Fluoranthene	19.52	202	1551388	192.03	ng/ul	97
80) Pyrene	19.88	202	1117529	114.29	ng/ul	99
83) Benzo(a)anthracene	21.72	228	287922	30.54	ng/ul	99
85) Chrysene	21.79	228	249992	28.16	ng/ul	98
88) Benzo(b)fluoranthene	23.97	252	125604	14.53	ng/ul	97
89) Benzo(k)fluoranthene	24.03	252	56181m	6.77	ng/ul	
91) Benzo(a)pyrene	24.85	252	72843m	8.89	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.74	276	18436m	1.89	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122115\
Data File : BG020406.D
Acq On : 22 Dec 2015 10:04
Operator : UM/SJ
Sample : G4848-17DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 22 14:07:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration

