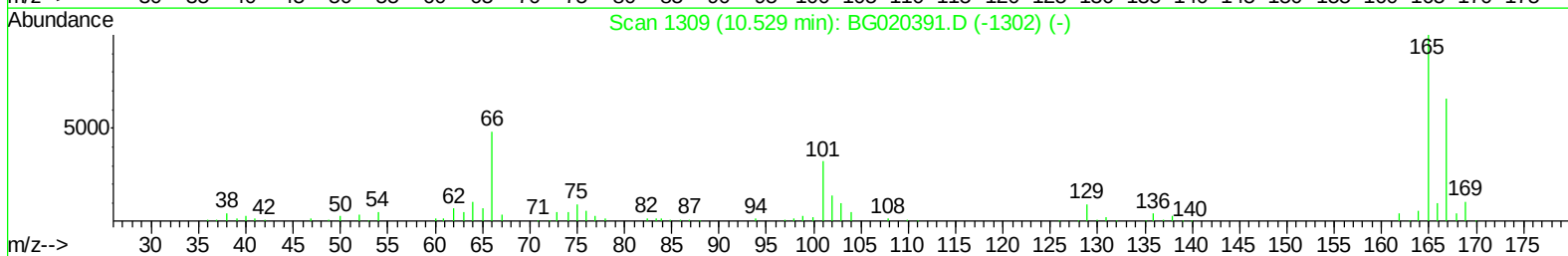
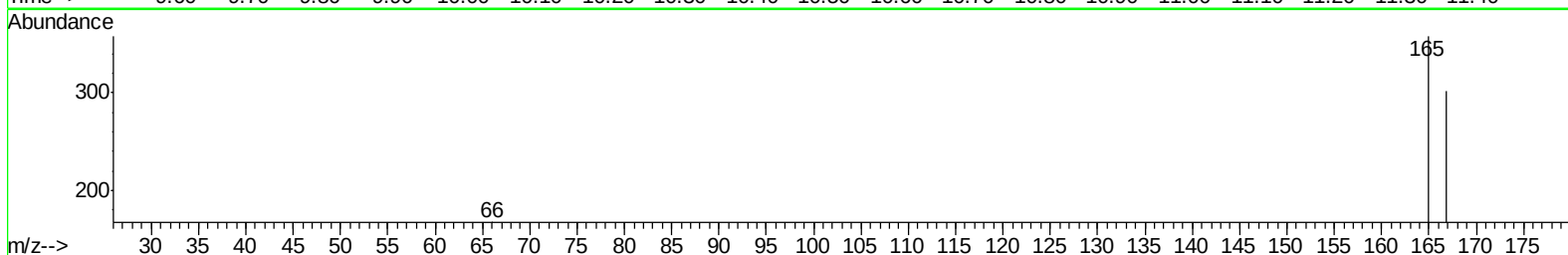
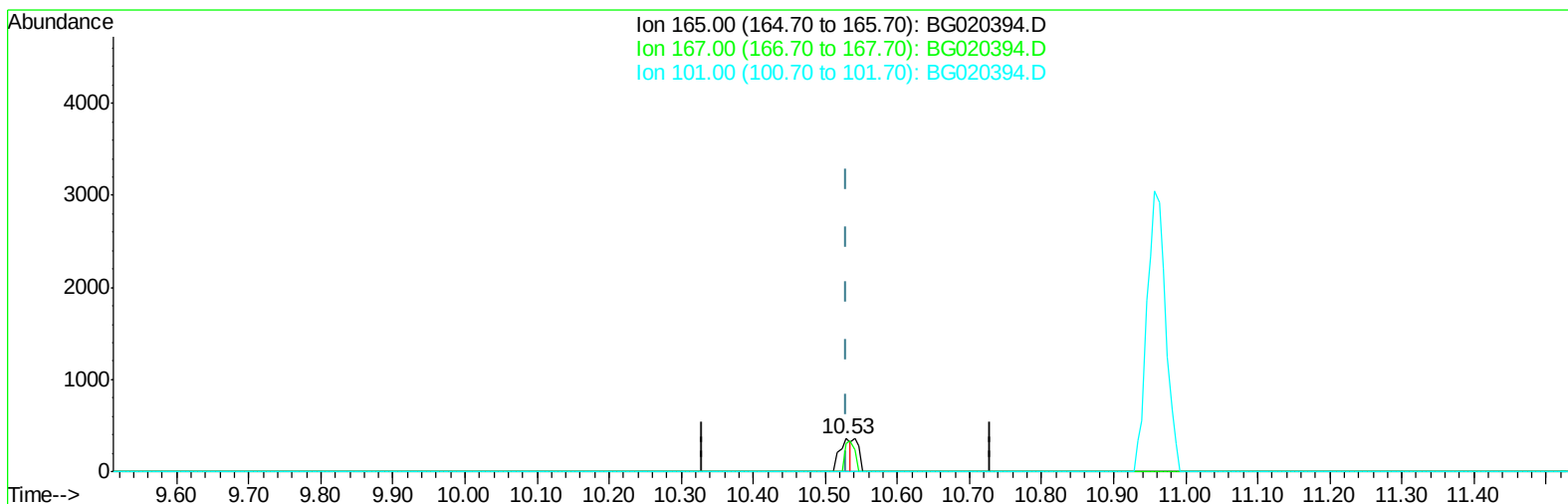


Data Path : Z:\HPCHEM1\BNA G\Data\BG122115\
Data File : BG020394.D
Acq On : 22 Dec 2015 2:16
Operator : UM/SJ
Sample : G4768-19DL 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 22 05:06:43 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: BG020394.D

(26) 2,4-Dichlorophenol-d3 (S)

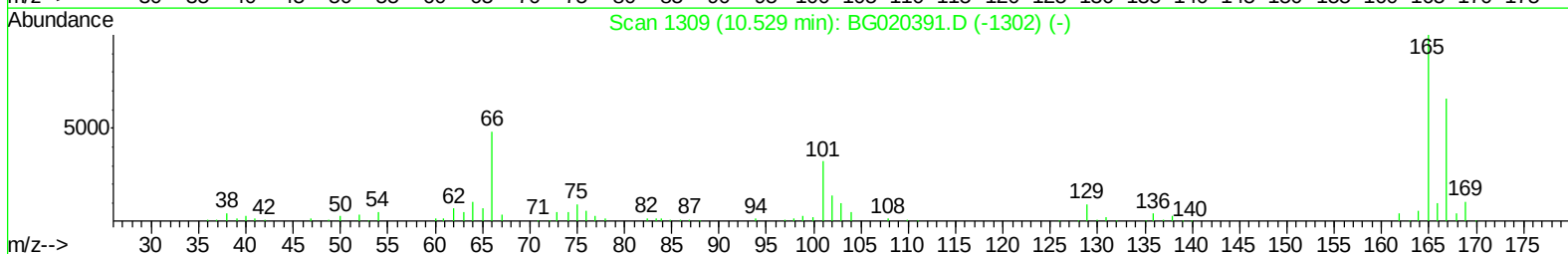
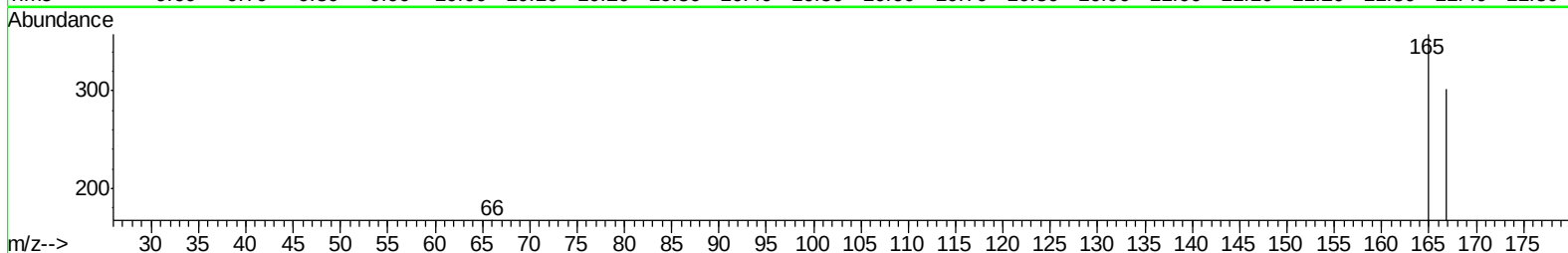
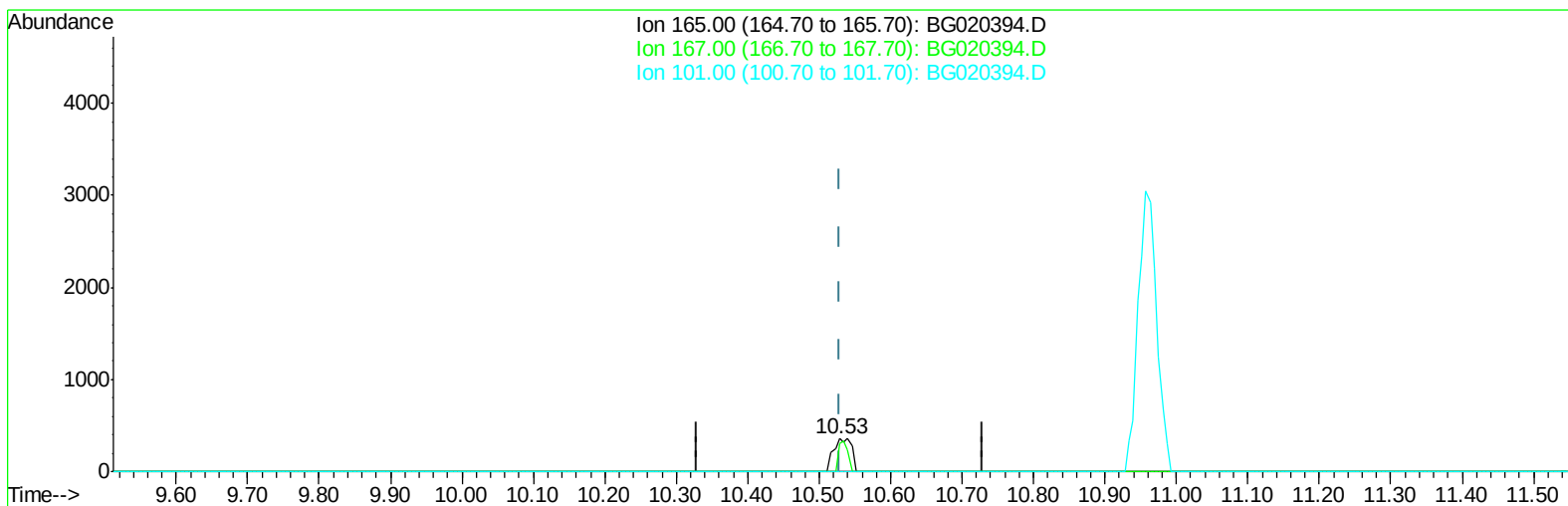
10.528min (-0.001) 0.29ng/ul

response 403

Ion	Exp%	Act%
165.00	100	100
167.00	66.30	84.36#
101.00	34.70	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG122115\
Data File : BG020394.D
Acq On : 22 Dec 2015 2:16
Operator : UM/SJ
Sample : G4768-19DL 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 22 05:06:43 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: BG020394.D

(26) 2,4-Dichlorophenol-d3 (S)

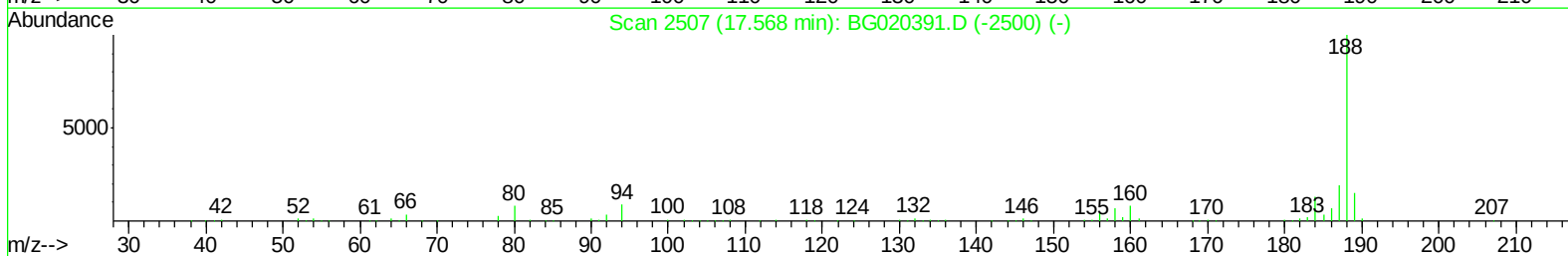
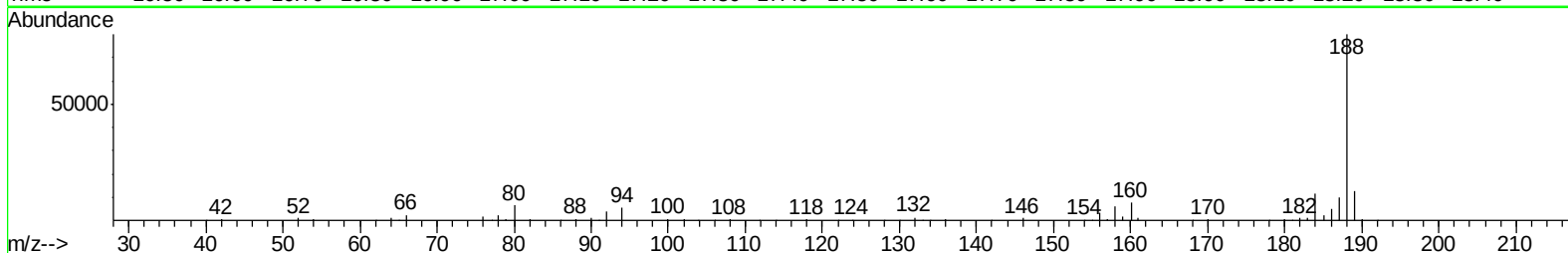
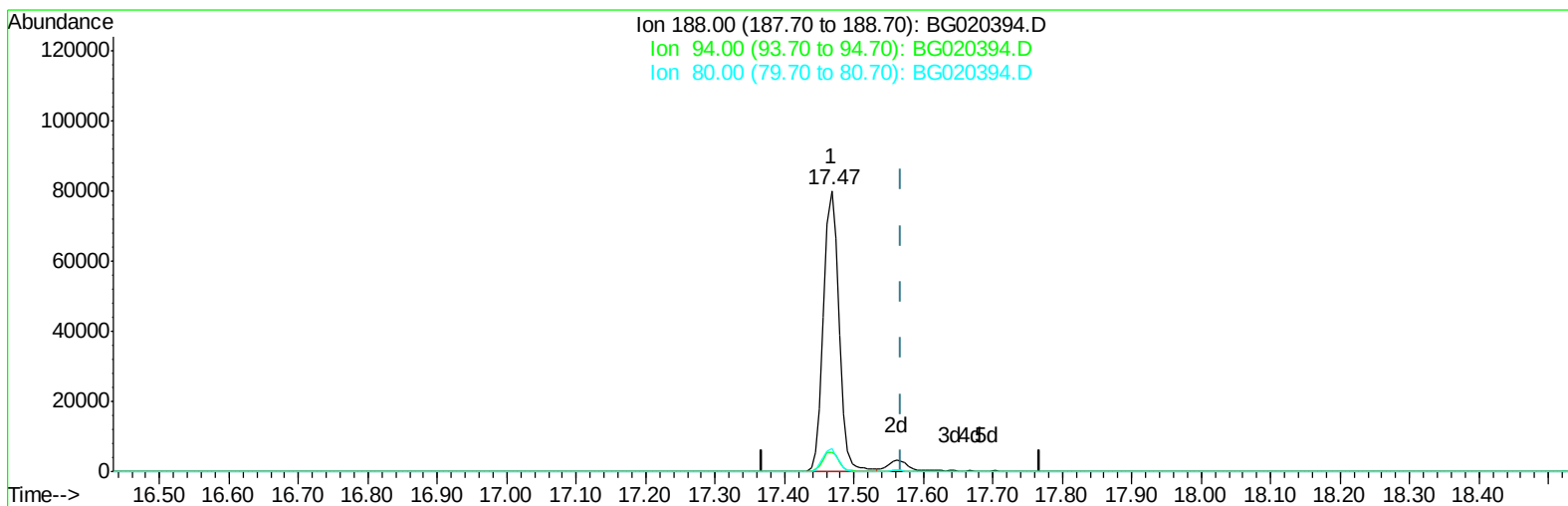
10.528min (-0.001) 0.46ng/ul m

response 628

Ion	Exp%	Act%
165.00	100	100
167.00	66.30	84.36#
101.00	34.70	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG122115\
Data File : BG020394.D
Acq On : 22 Dec 2015 2:16
Operator : UM/SJ
Sample : G4768-19DL 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 22 05:06:43 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: BG020394.D

(71) Anthracene-d10 (S)

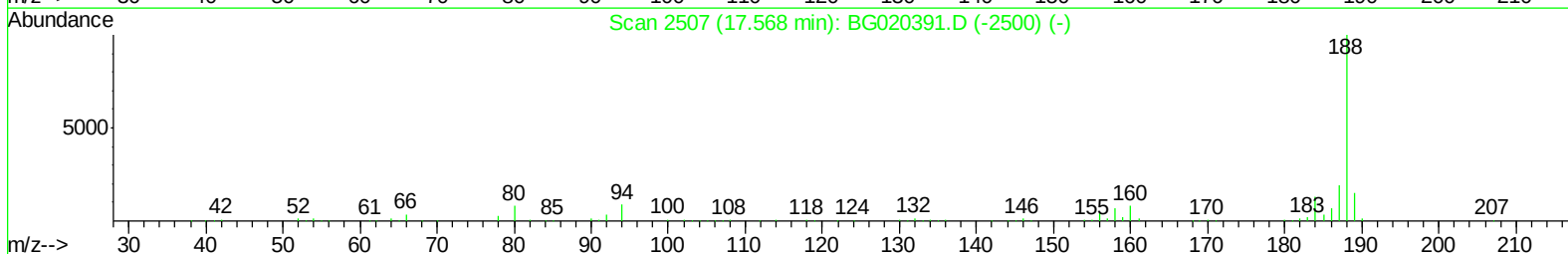
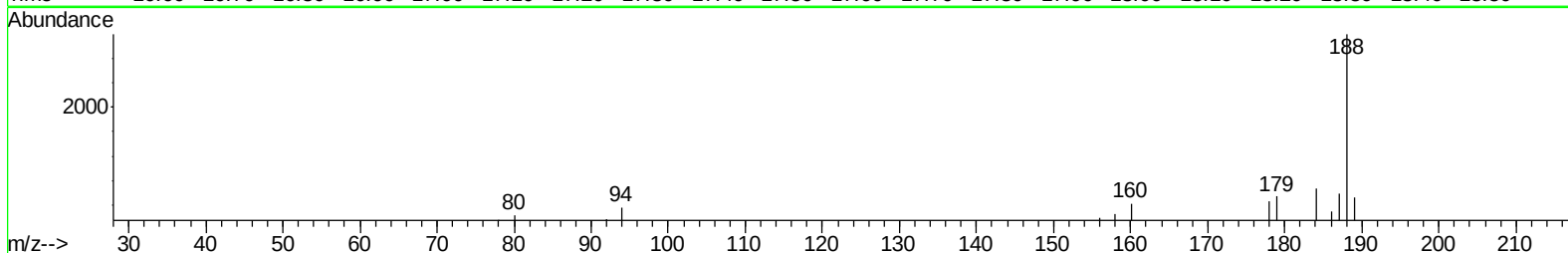
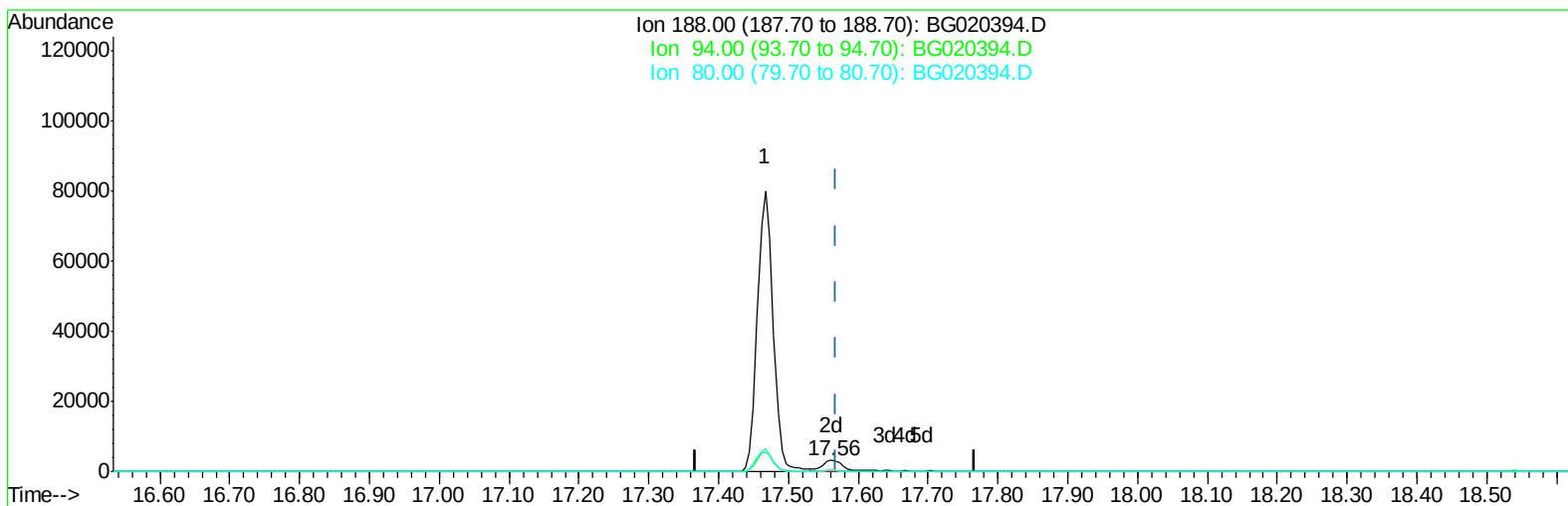
17.467min (-0.101) 21.70ng/ul

response 125186

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	7.01
80.00	7.50	8.34
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG122115\
Data File : BG020394.D
Acq On : 22 Dec 2015 2:16
Operator : UM/SJ
Sample : G4768-19DL 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 22 05:06:43 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: BG020394.D

(71) Anthracene-d10 (S)

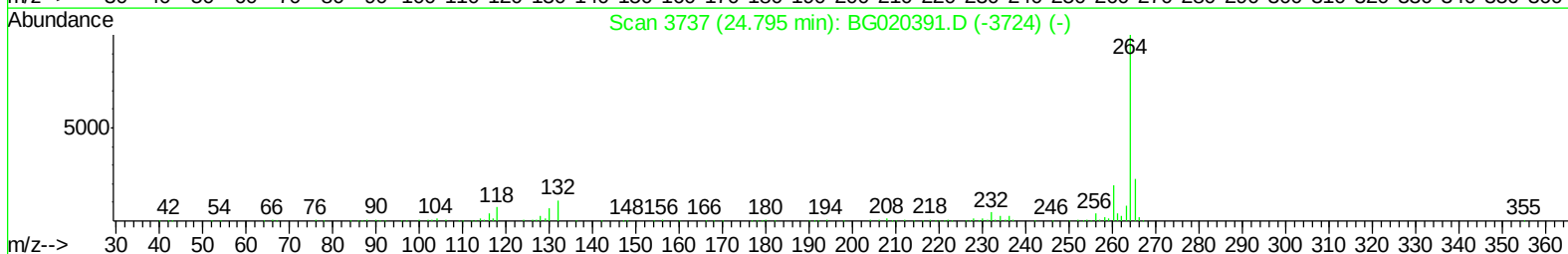
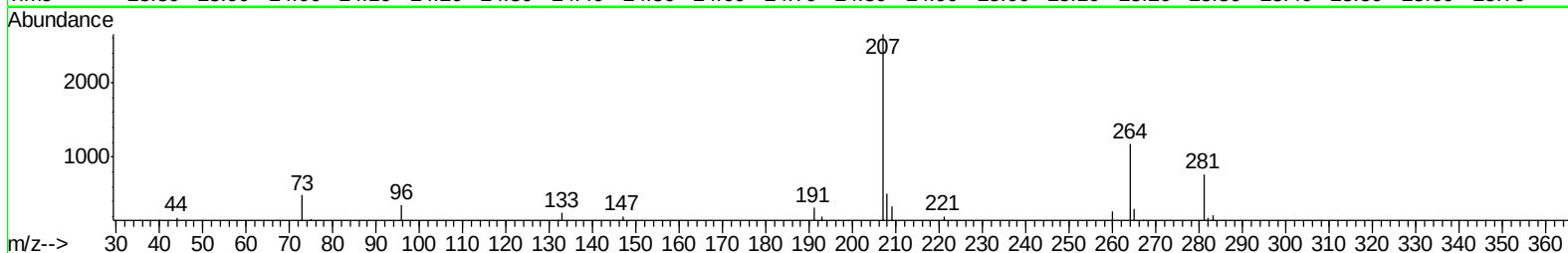
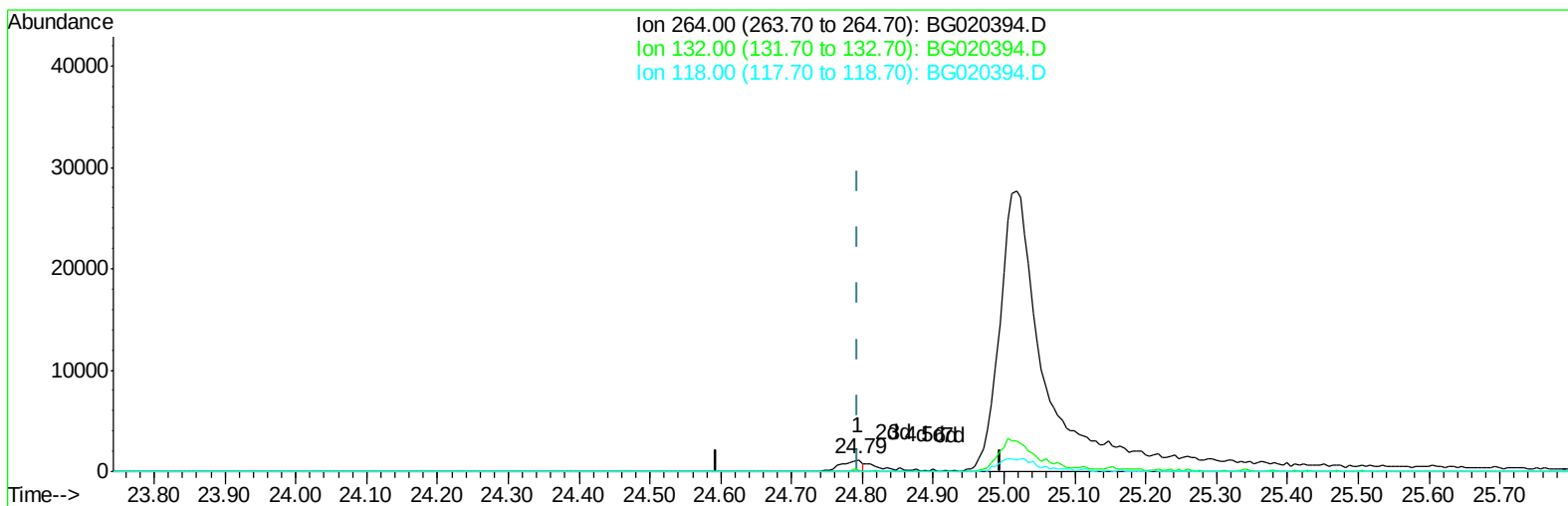
17.561min (-0.007) 1.16ng/ul m

response 6695

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	11.60#
80.00	7.50	7.46
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG122115\
Data File : BG020394.D
Acq On : 22 Dec 2015 2:16
Operator : UM/SJ
Sample : G4768-19DL 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 22 05:06:43 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
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TIC: BG020394.D

(90) Benzo(a)pyrene-d12 (S)

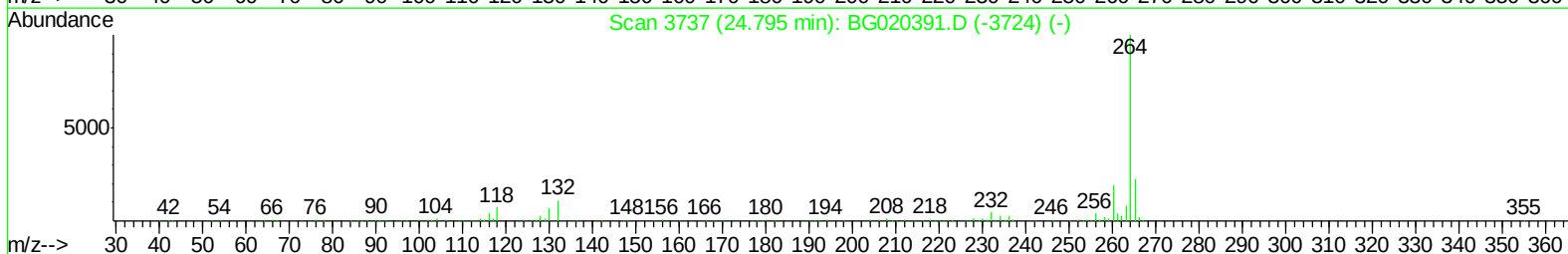
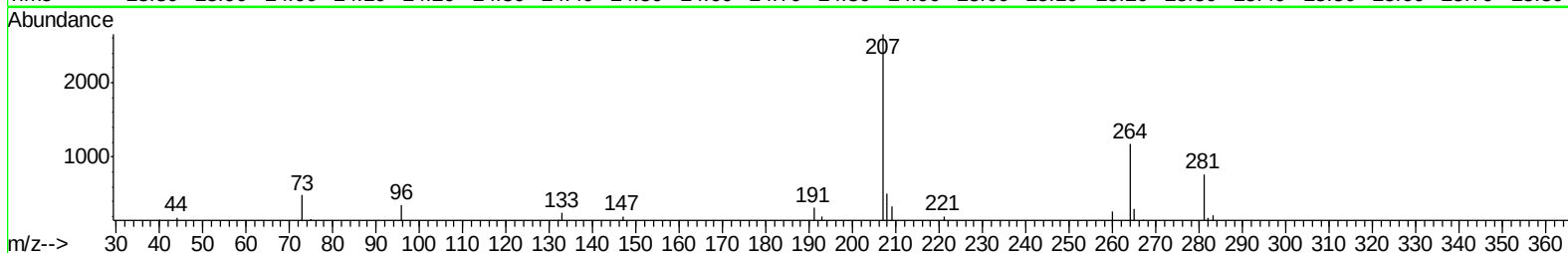
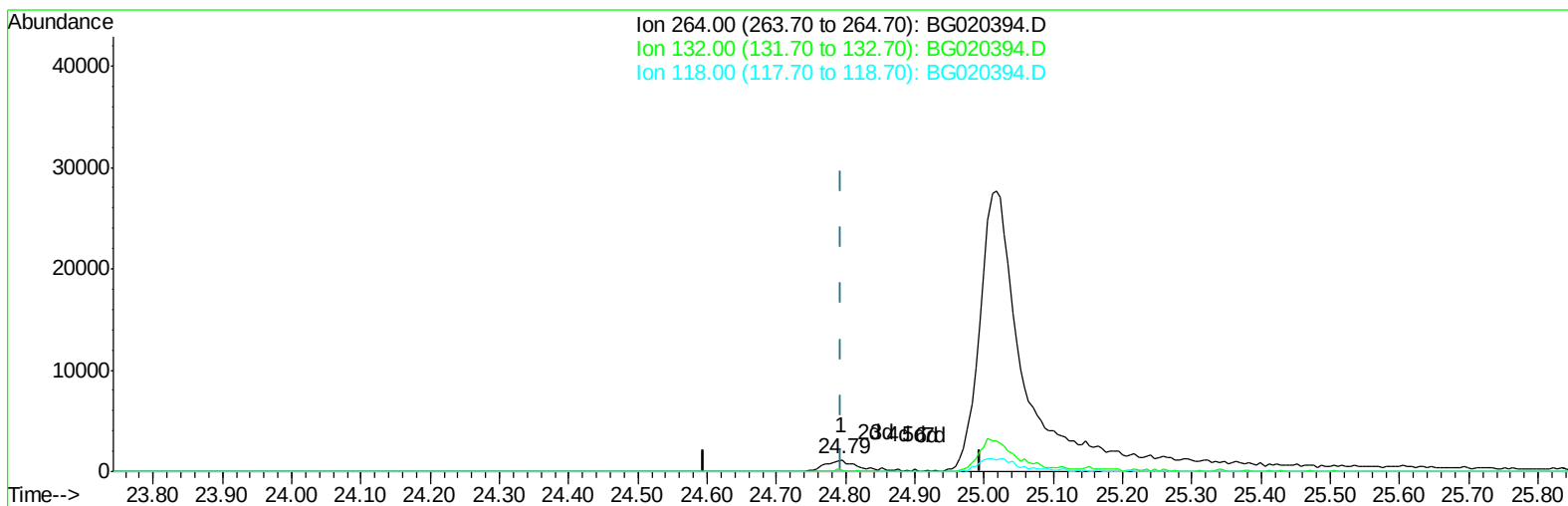
24.794min (-0.001) 0.41ng/ul

response 2292

Ion	Exp%	Act%
264.00	100	100
132.00	11.30	12.79
118.00	6.70	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG122115\
Data File : BG020394.D
Acq On : 22 Dec 2015 2:16
Operator : UM/SJ
Sample : G4768-19DL 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 22 05:06:43 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: BG020394.D

(90) Benzo(a)pyrene-d12 (S)

24.794min (-0.001) 0.64ng/ul m

response 3566

Ion	Exp%	Act%
264.00	100	100
132.00	11.30	12.79
118.00	6.70	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG122115\
 Data File : BG020394.D
 Acq On : 22 Dec 2015 2:16
 Operator : UM/SJ
 Sample : G4768-19DL 50X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 22 06:22:40 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	18129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	78356	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	51564	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	125186	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	141585	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	111222	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.42	67	660	0.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	525	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.26	128	219	0.36	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.53	165	628m	0.46	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	2826	0.68	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	3527	0.73	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3274	0.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	6695m	1.16	ng/ul	0.00
79) Pyrene-d10	19.85	212	5274	0.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	3566m	0.64	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.96	128	194552	47.55	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	24447	7.82	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	7299	1.88	ng/ul	97
50) Acenaphthene	14.79	153	33581	9.68	ng/ul	99
54) Dibenzofuran	15.12	168	27764	5.38	ng/ul	97
59) Fluorene	15.77	166	21300	5.14	ng/ul	88
70) Phenanthrene	17.51	178	44875	6.55	ng/ul	99
75) Carbazole	17.87	167	30838	5.28	ng/ul	99

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

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