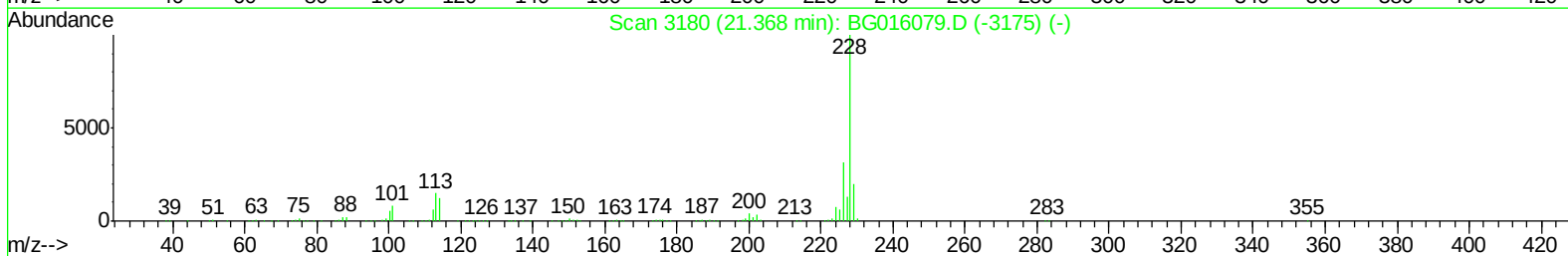
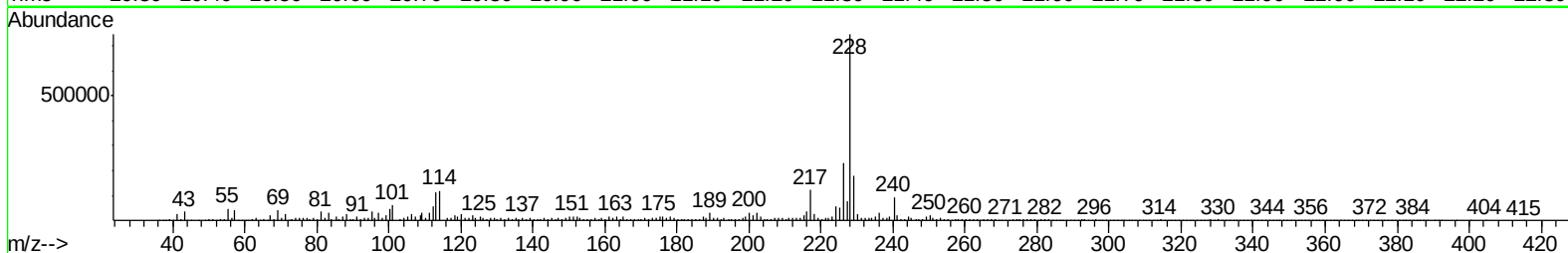
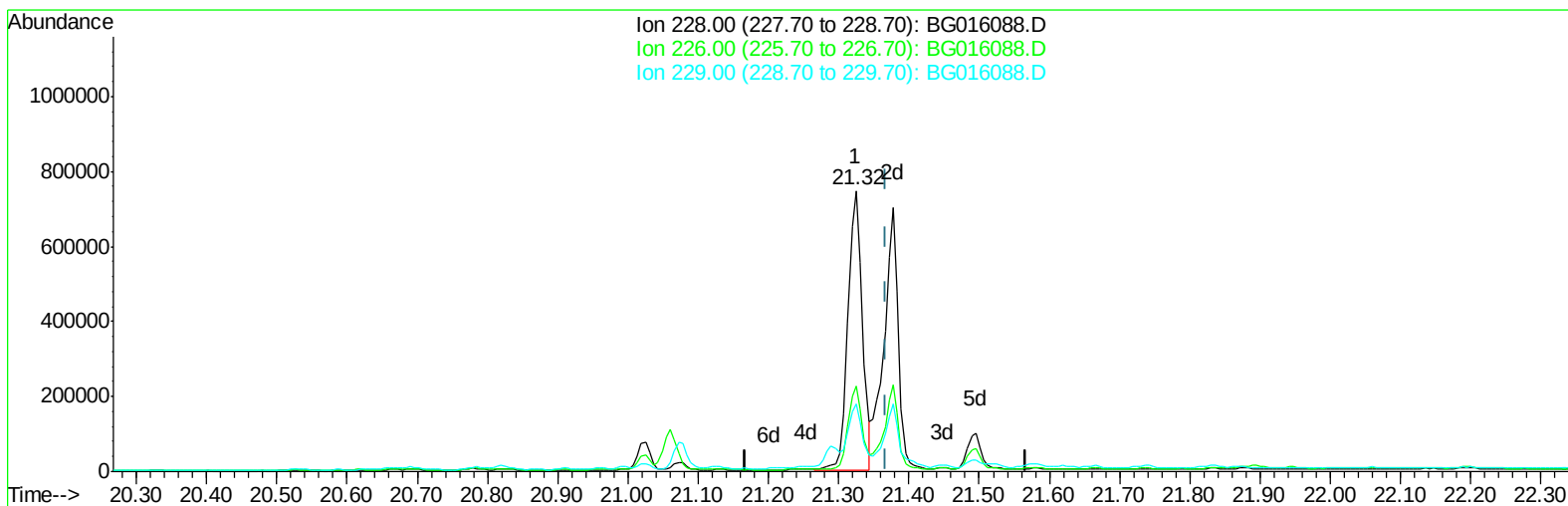


Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:07:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(82) Chrysene

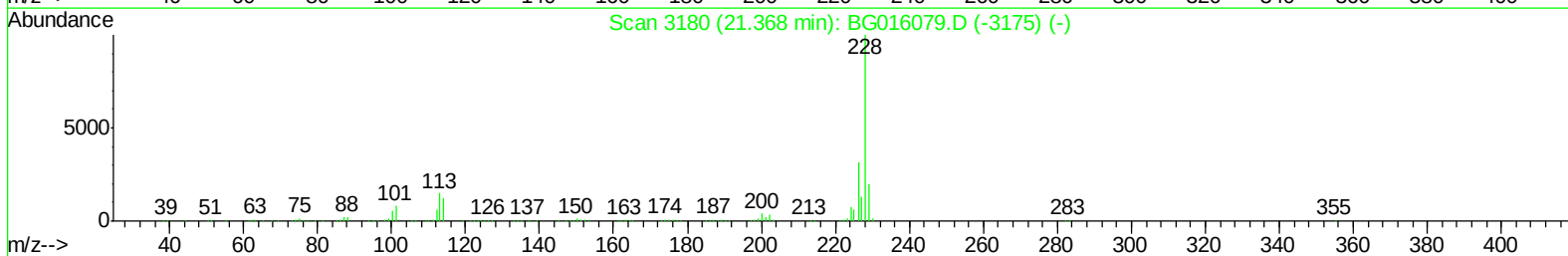
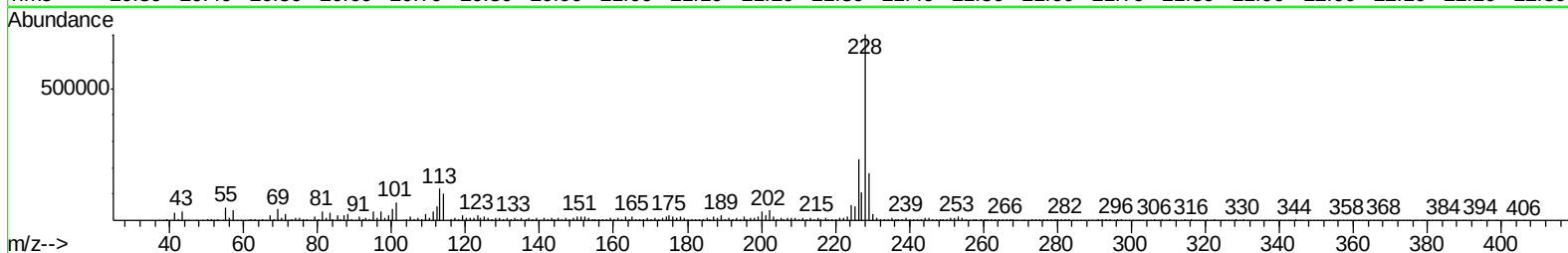
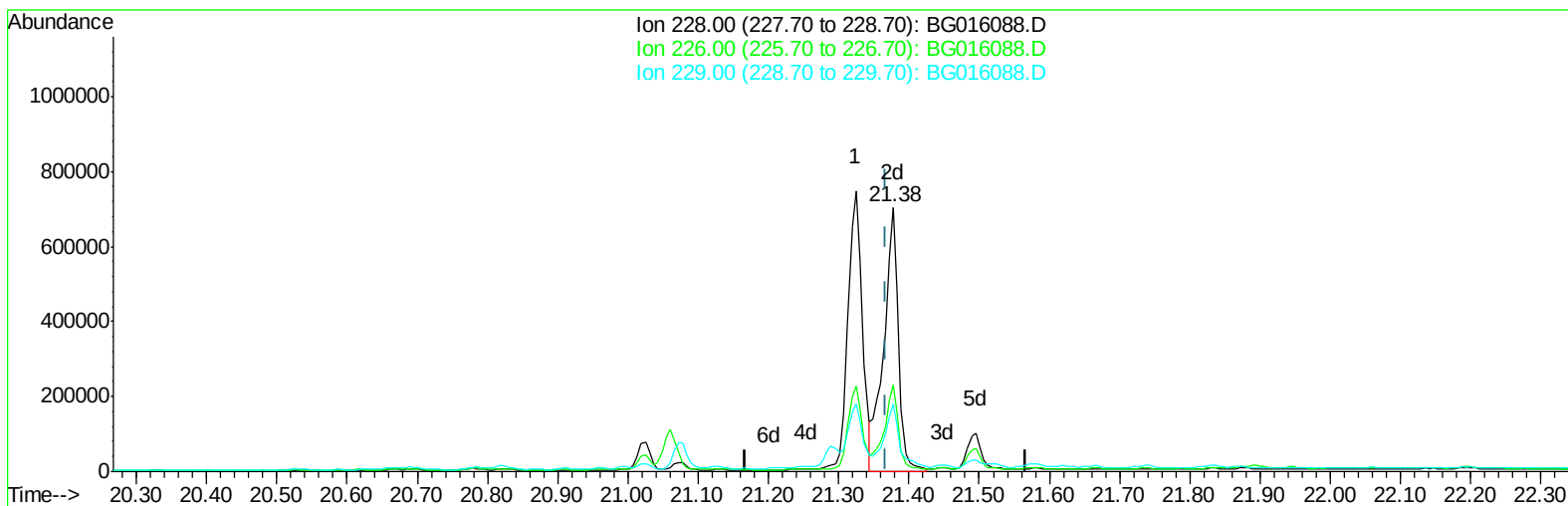
21.325min (-0.043) 40.80ng/ul

response 1051944

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	30.60
229.00	20.80	24.27
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:07:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(82) Chrysene

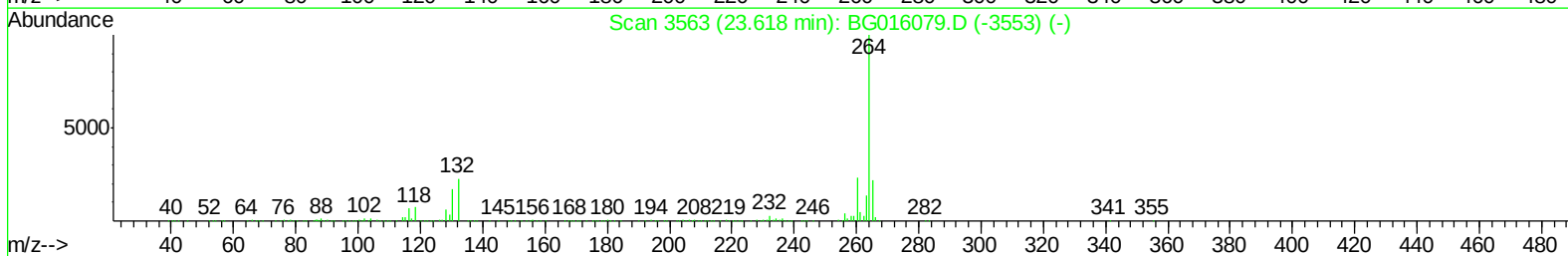
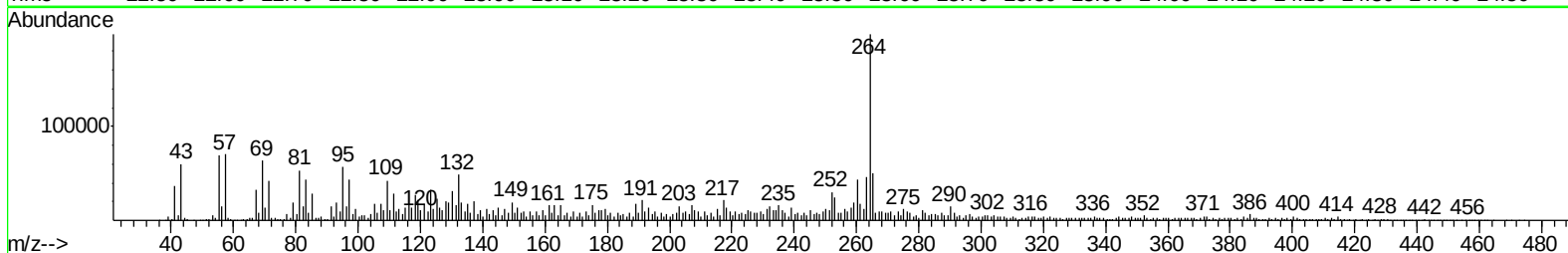
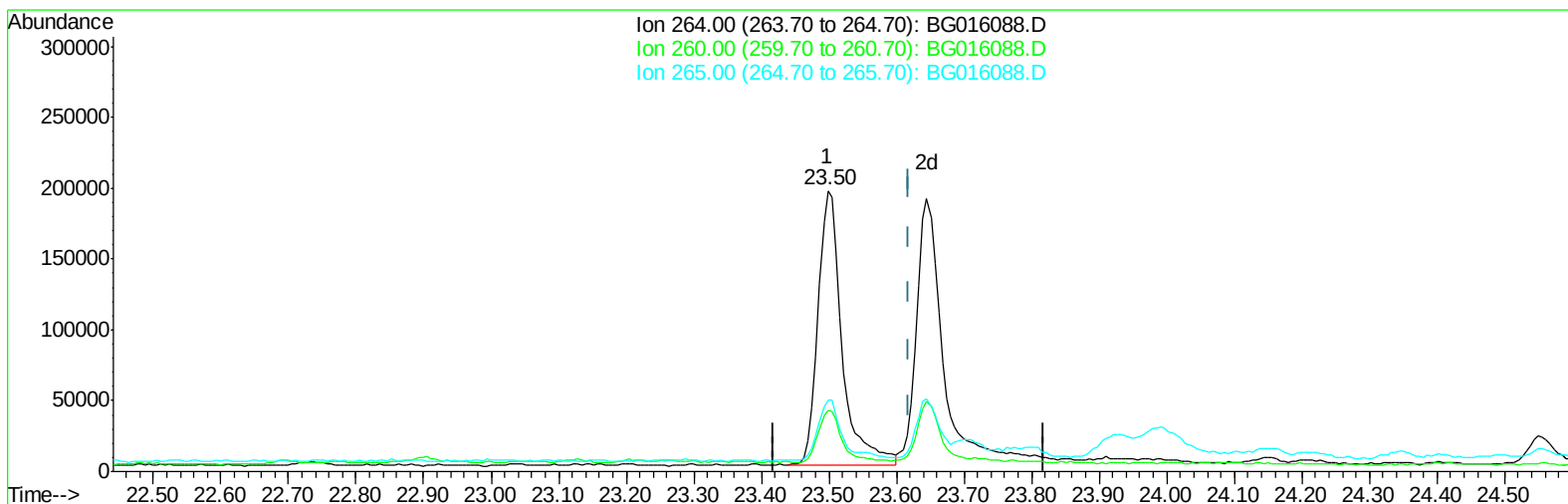
21.378min (+0.010) 40.75ng/ul m

response 1050815

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	33.02
229.00	20.80	25.55#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:07:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(83) Perylene-d12 (I)

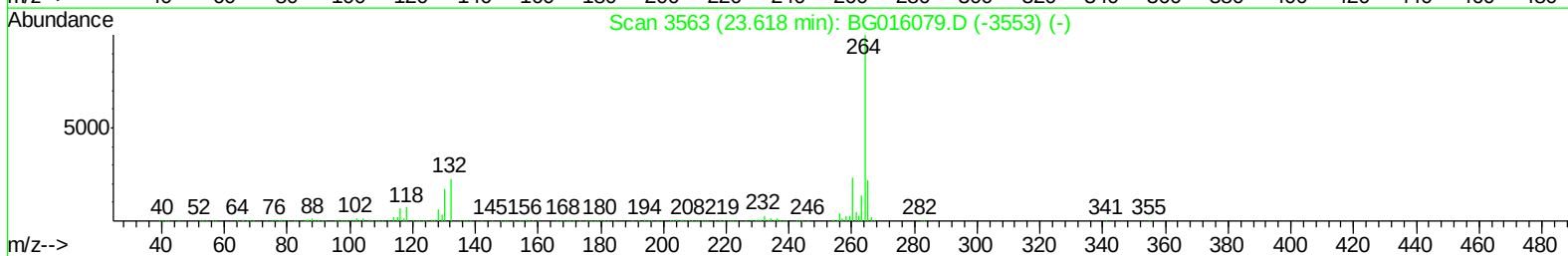
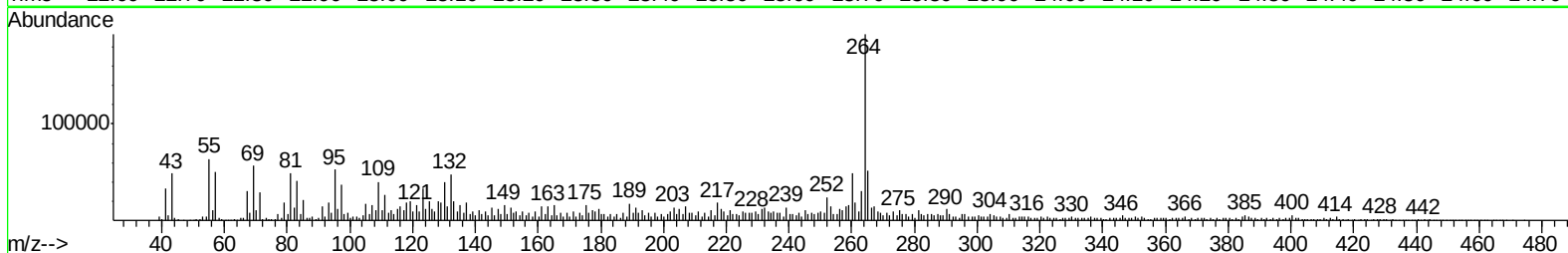
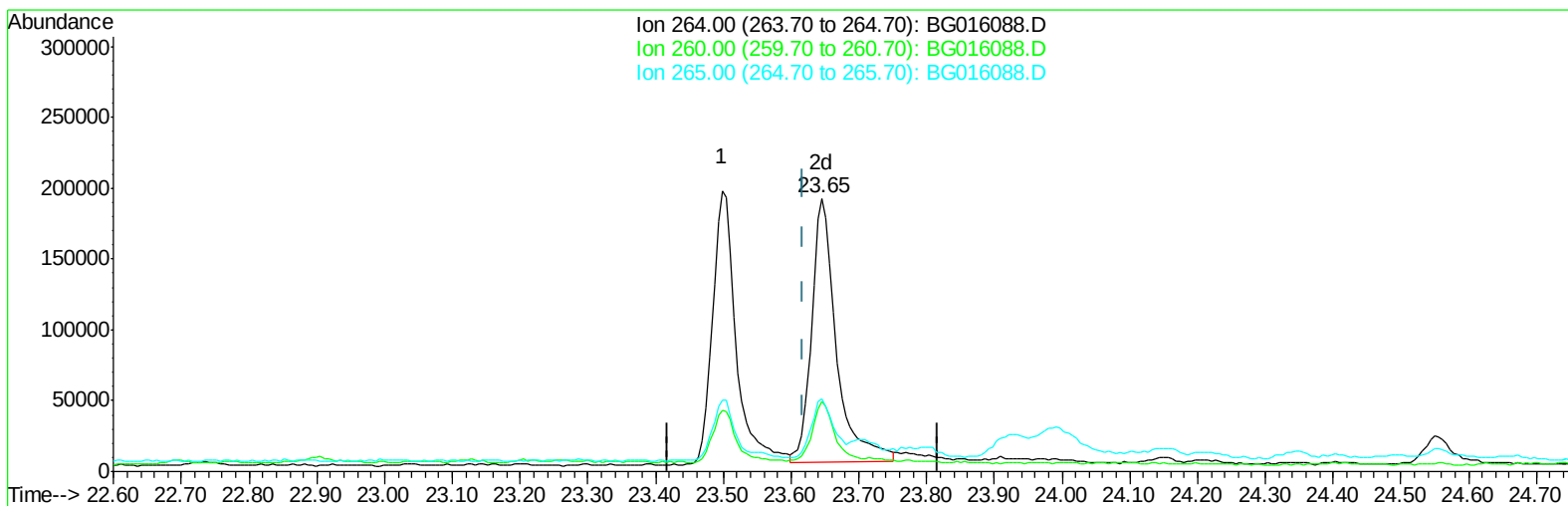
23.498min (-0.120) 20.00ng/ul

response 477495

Ion	Exp%	Act%
264.00	100	100
260.00	23.70	21.72
265.00	21.40	25.26
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:07:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(83) Perylene-d12 (I)

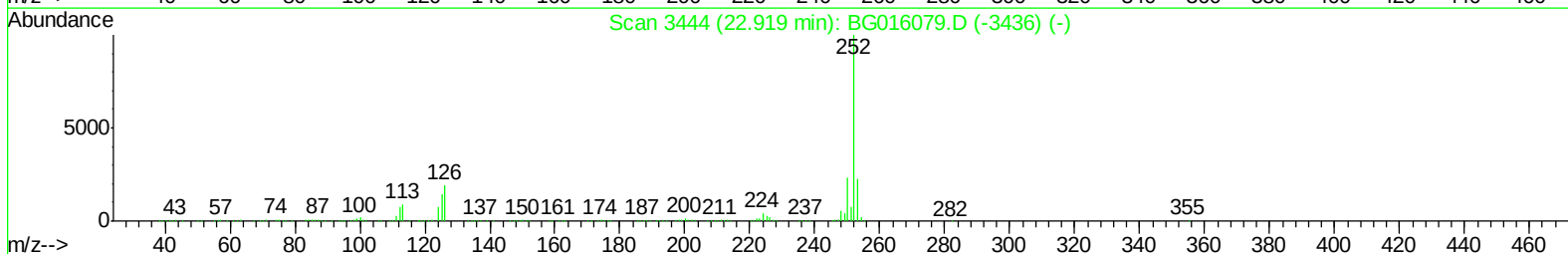
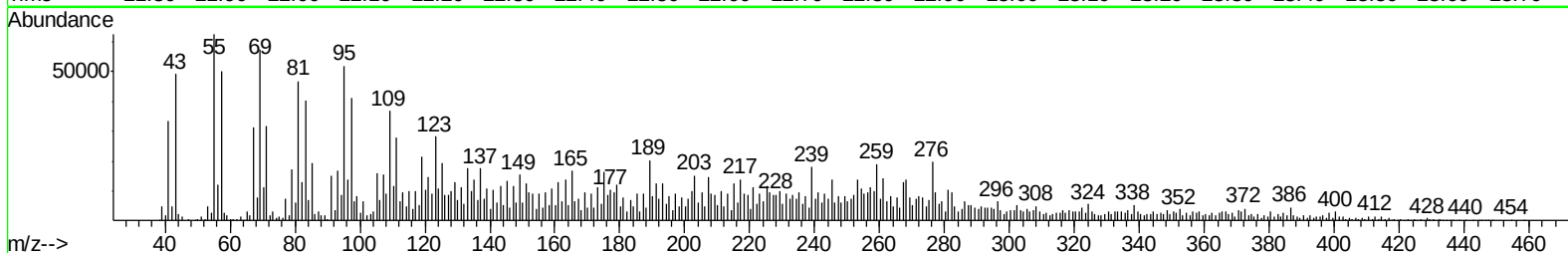
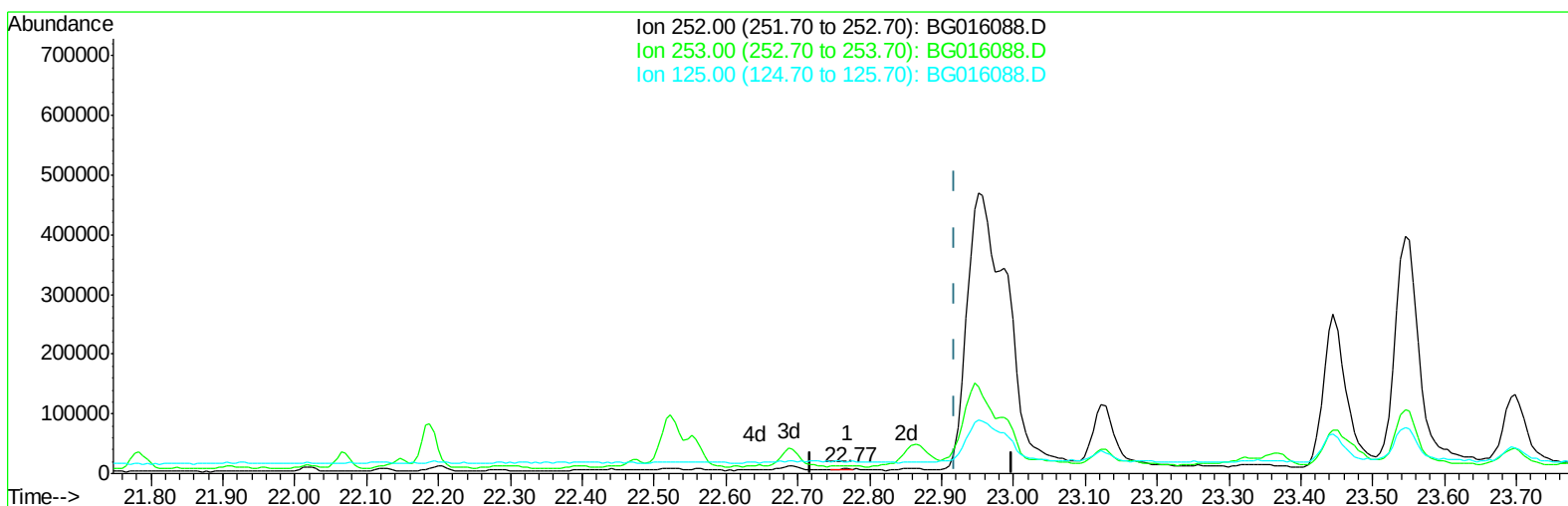
23.645min (+0.027) 20.00ng/ul m

response 480801

Ion	Exp%	Act%
264.00	100	100
260.00	23.70	25.53
265.00	21.40	26.53#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



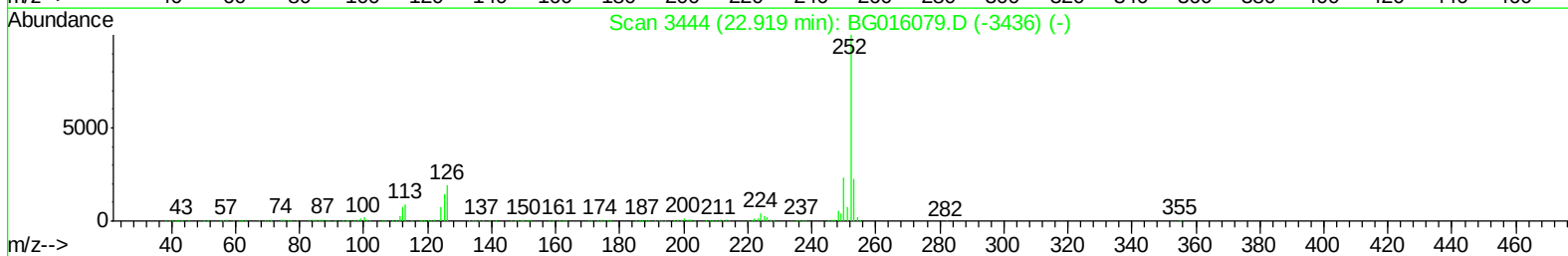
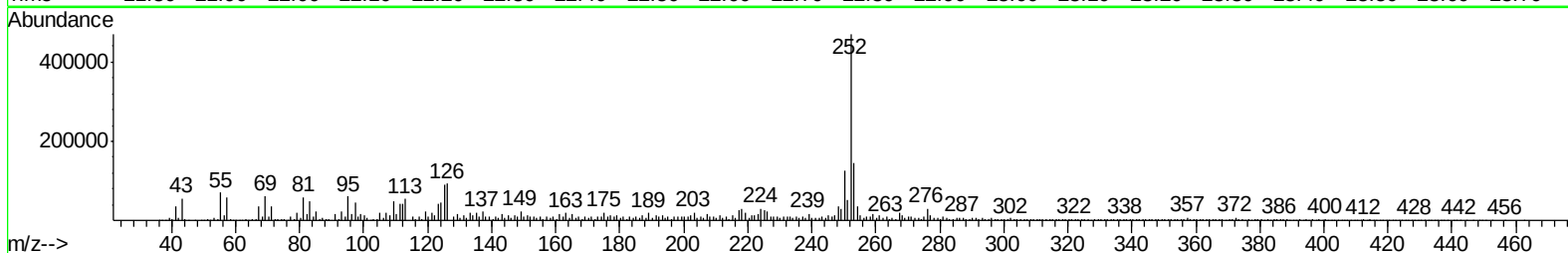
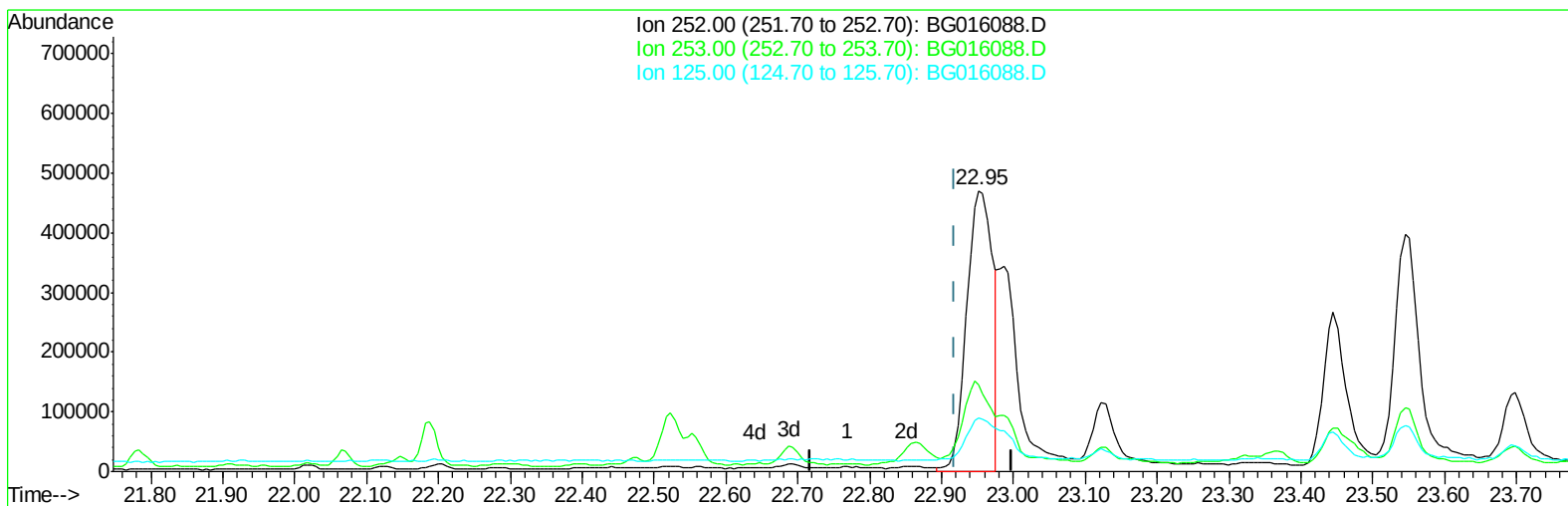
TIC: BG016088.D

(85) Benzo(b)fluoranthene
22.770min (-0.149) 0.07ng/ul
response 1853

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	157.93#
125.00	13.80	224.24#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(85) Benzo(b)fluoranthene

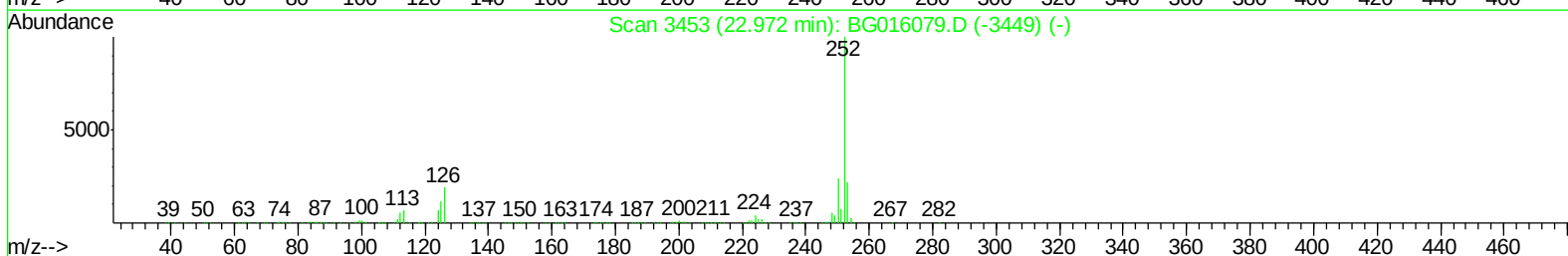
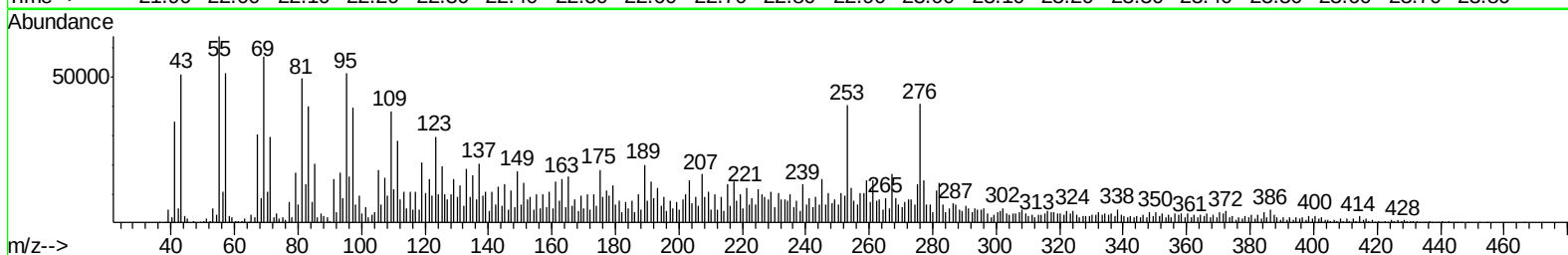
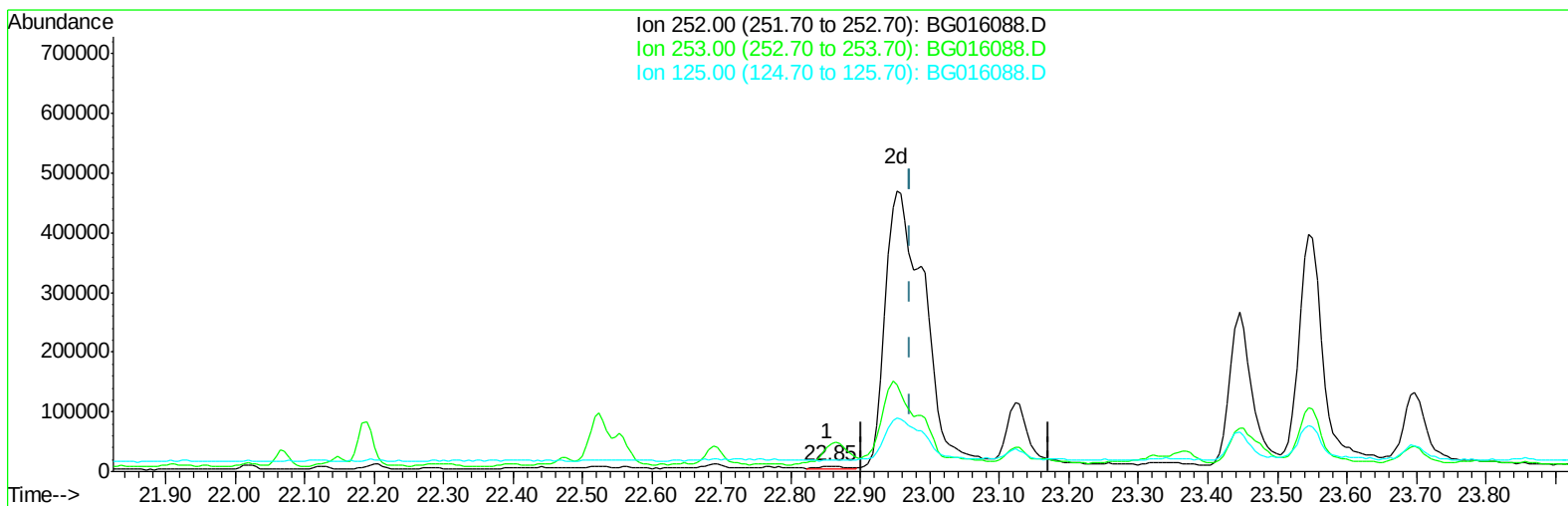
22.952min (+0.033) 43.64ng/ul m

response 1204438

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	31.08#
125.00	13.80	19.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(86) Benzo(k)fluoranthene

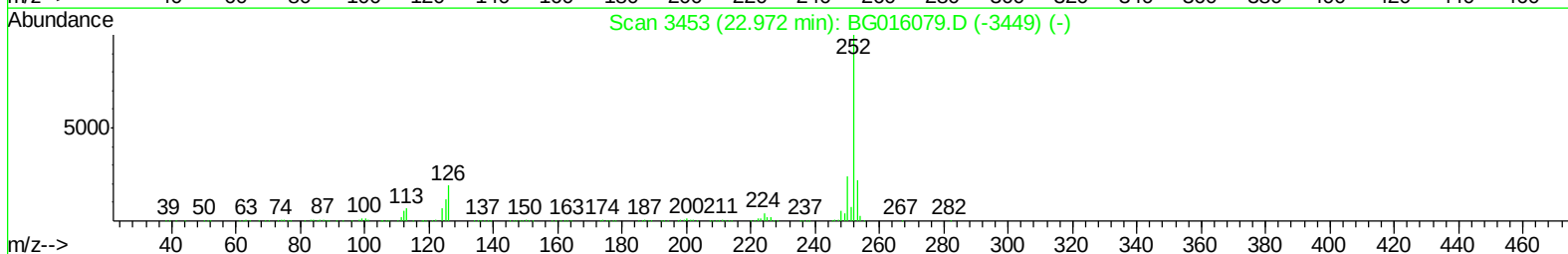
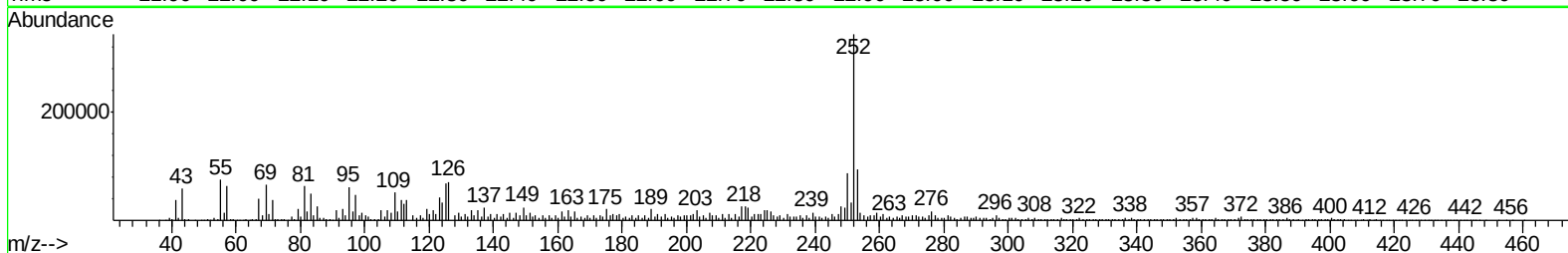
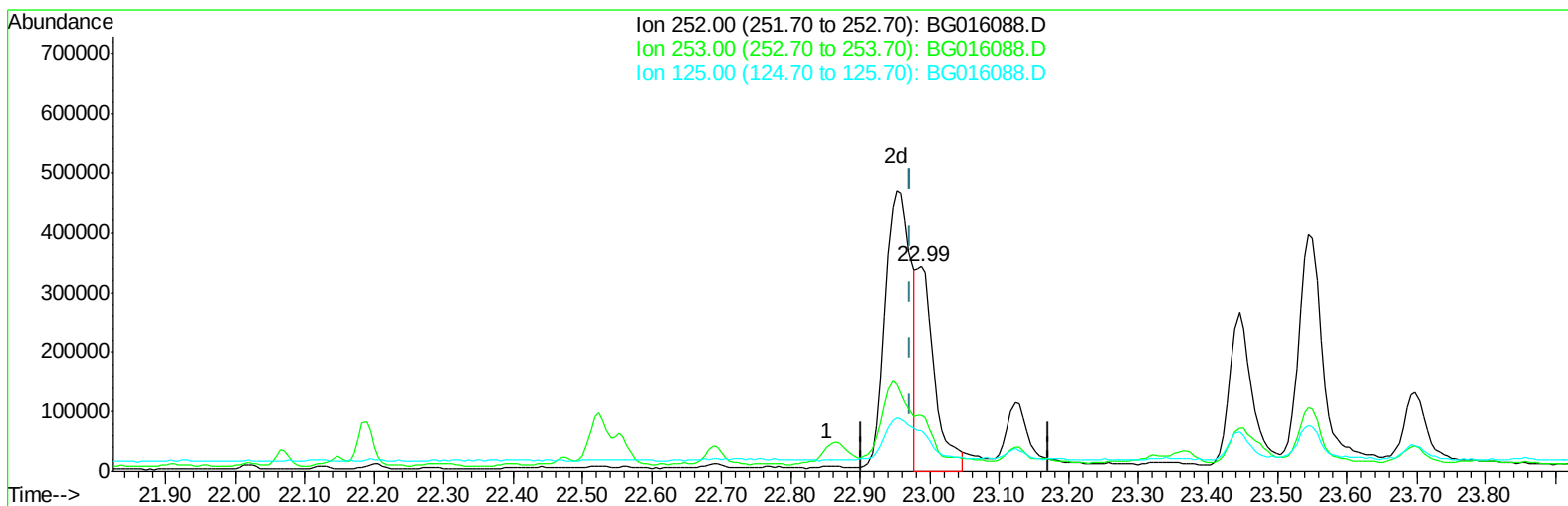
22.852min (-0.120) 0.37ng/ul

response 10079

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	430.09#
125.00	13.40	209.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(86) Benzo(k)fluoranthene

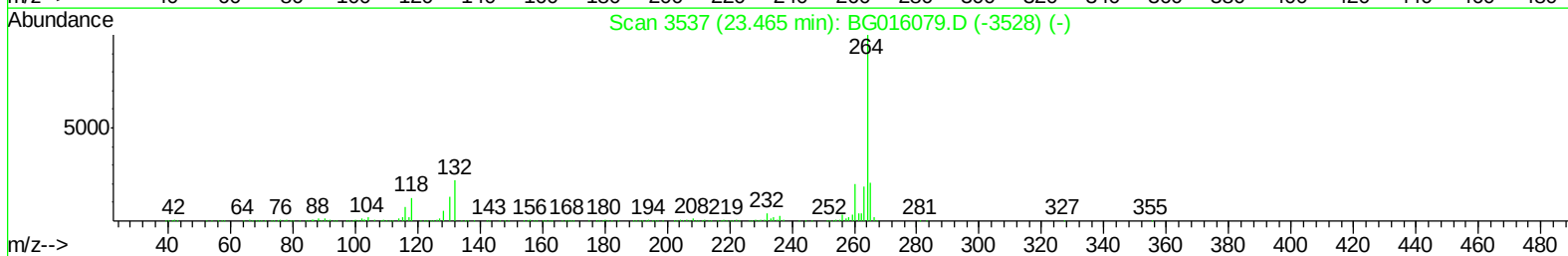
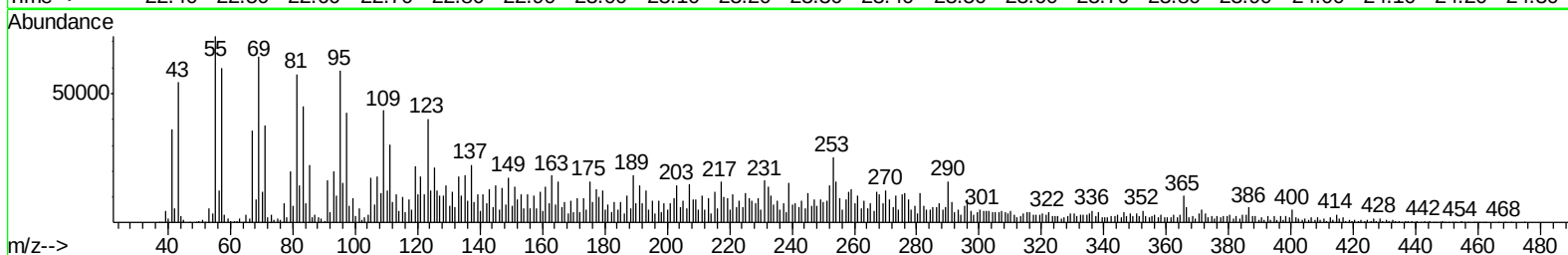
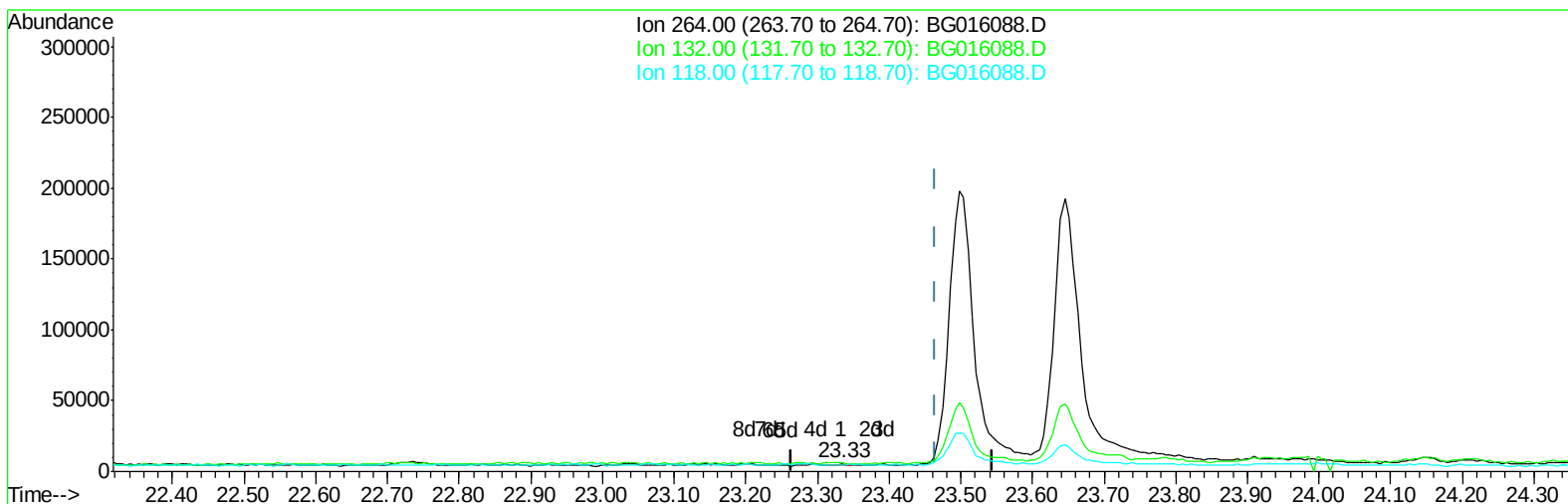
22.987min (+0.015) 23.49ng/ul m

response 640121

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	27.28#
125.00	13.40	19.75#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

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

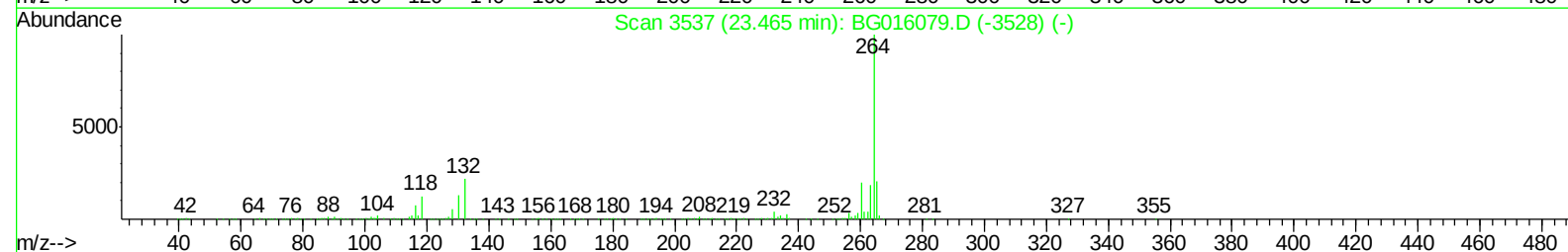
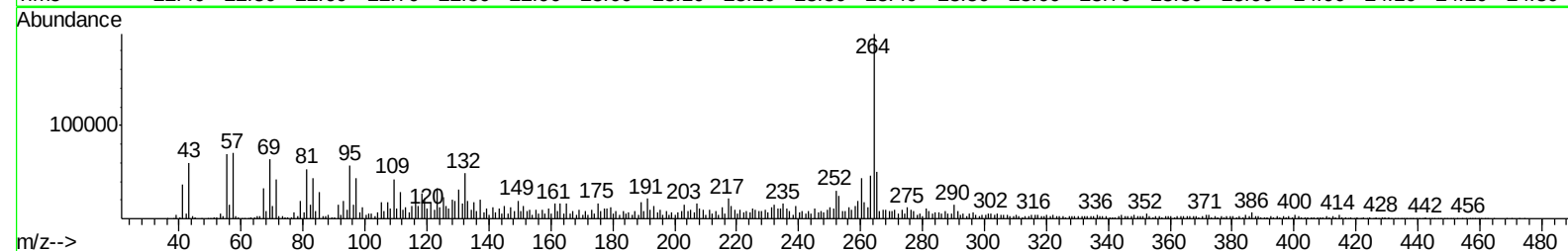
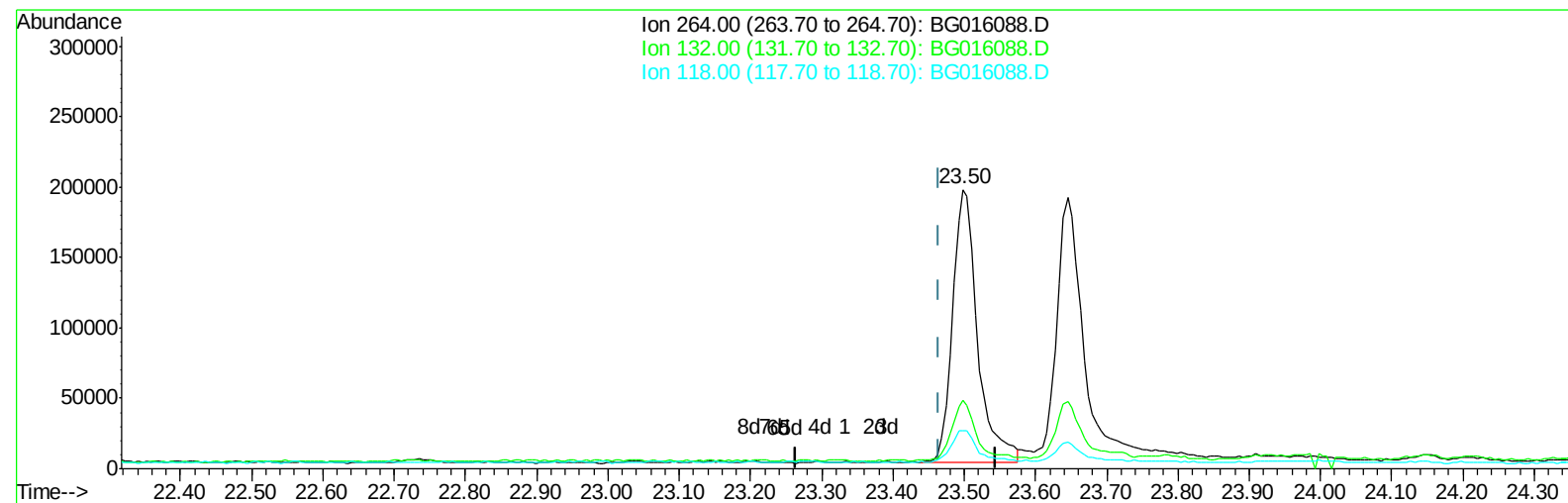
23.334min (-0.131) 0.04ng/ul

response 923

Ion	Exp%	Act%
264.00	100	100
132.00	23.30	108.49#
118.00	13.10	91.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

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

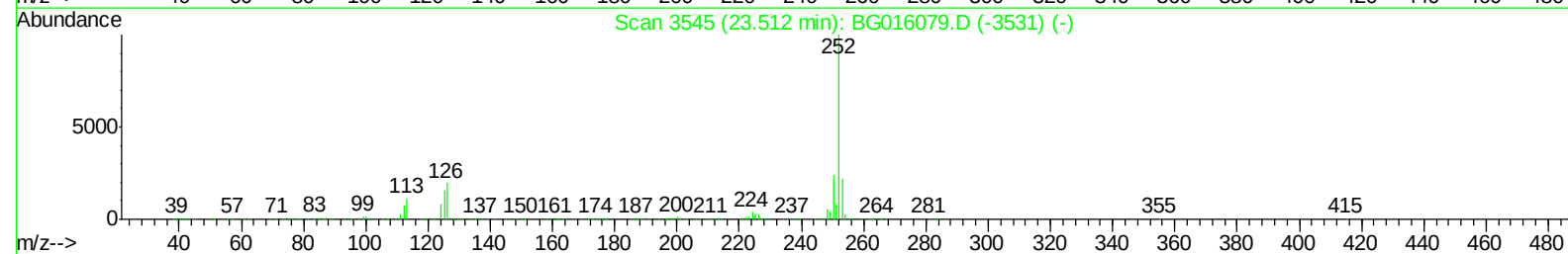
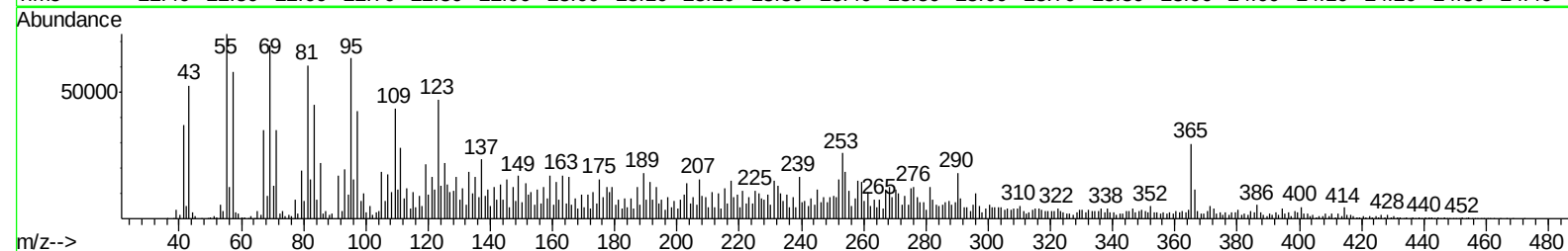
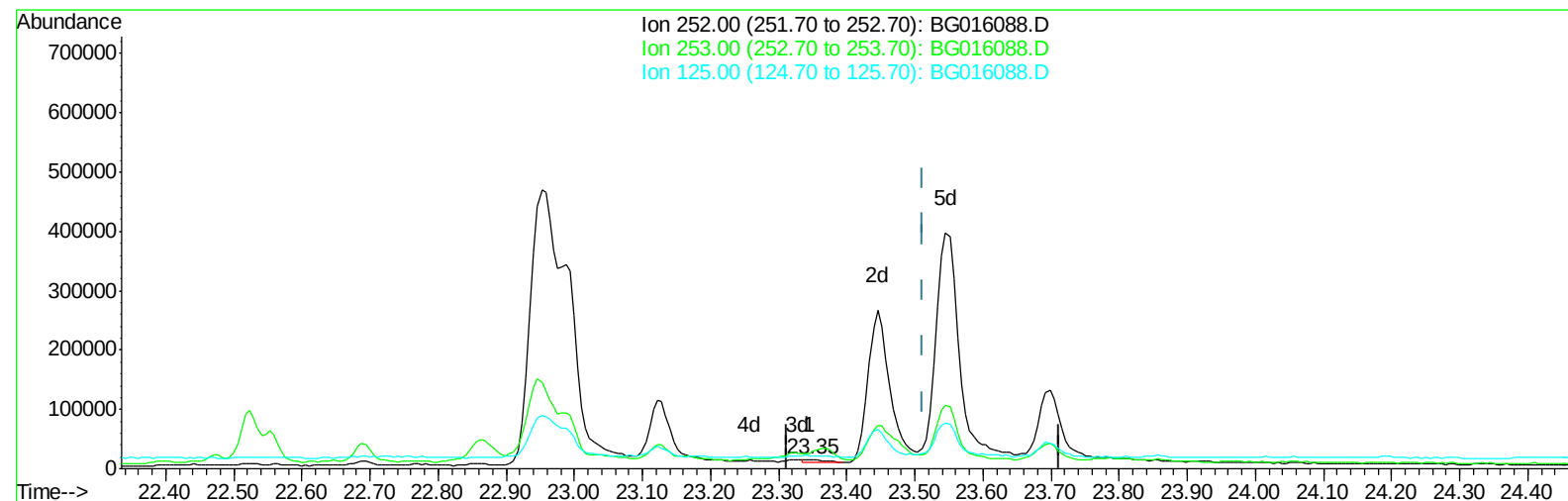
23.498min (+0.033) 22.32ng/ul m

response 468135

Ion	Exp%	Act%
264.00	100	100
132.00	23.30	24.52
118.00	13.10	13.51
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(88) Benzo(a)pyrene (C)

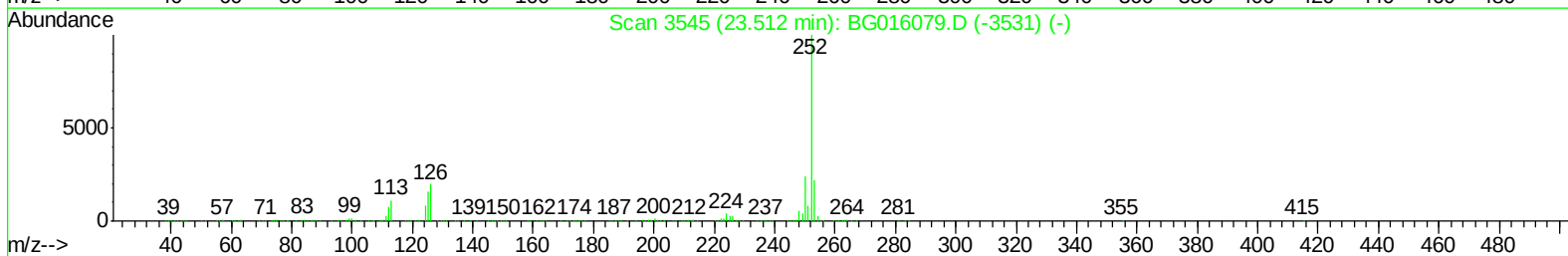
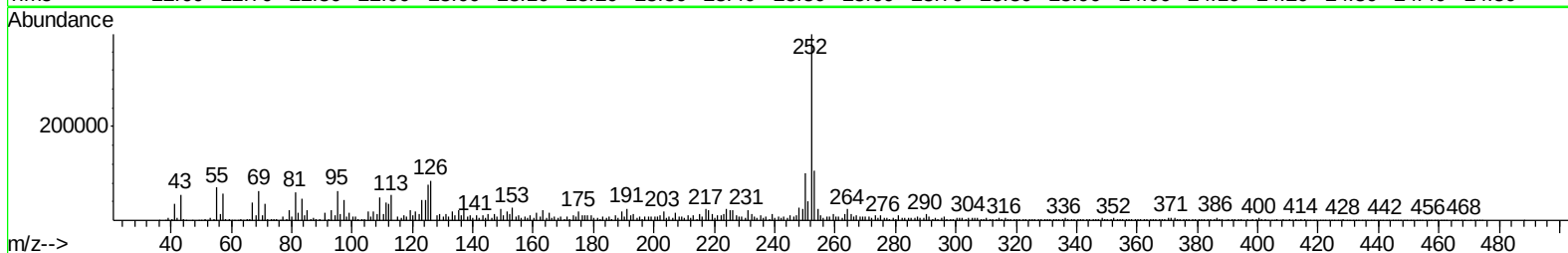
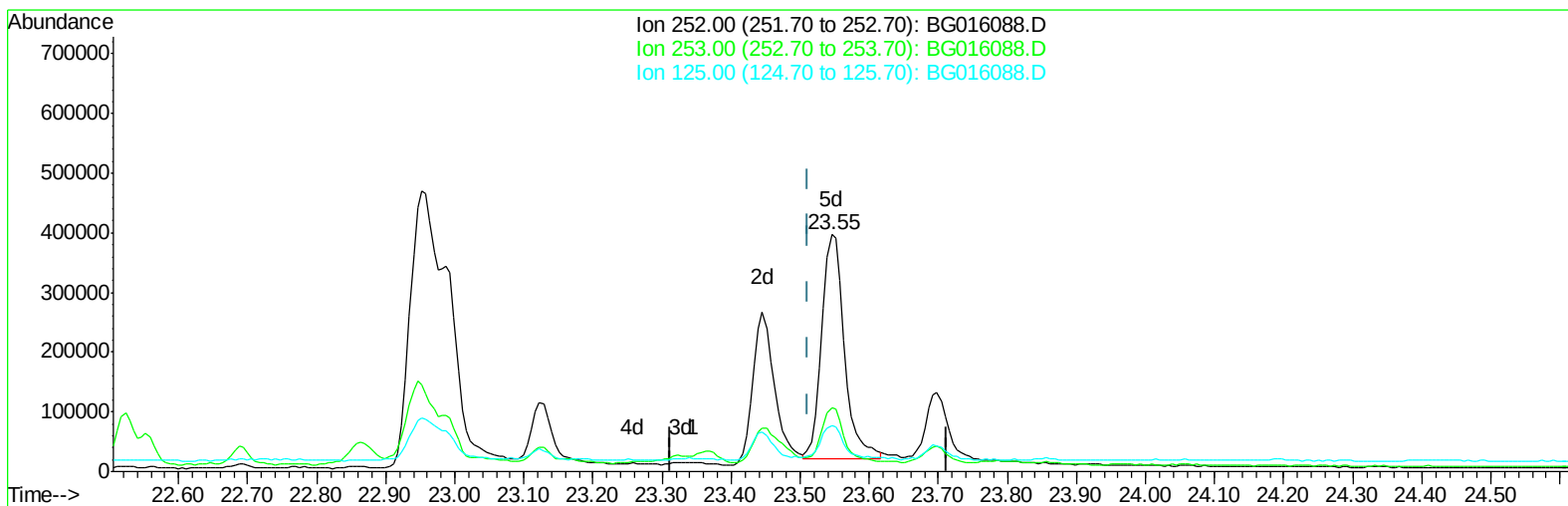
23.345min (-0.167) 0.43ng/ul

response 11917

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	167.38#
125.00	14.40	143.03#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(88) Benzo(a)pyrene (C)

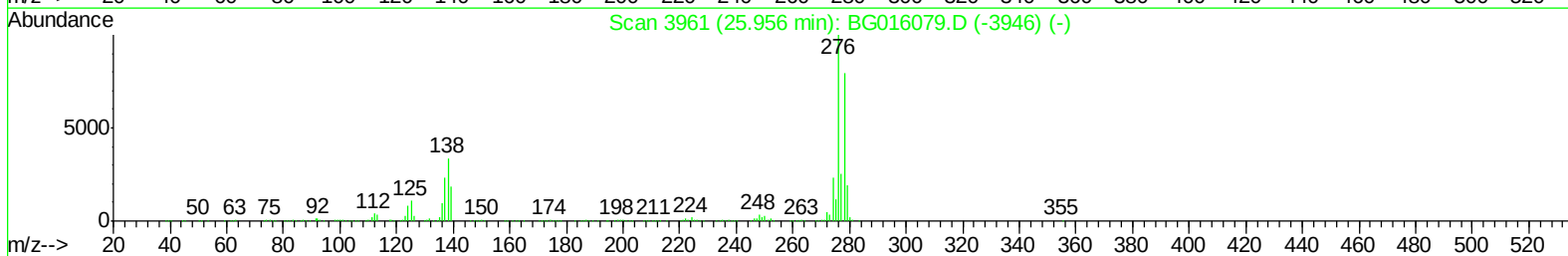
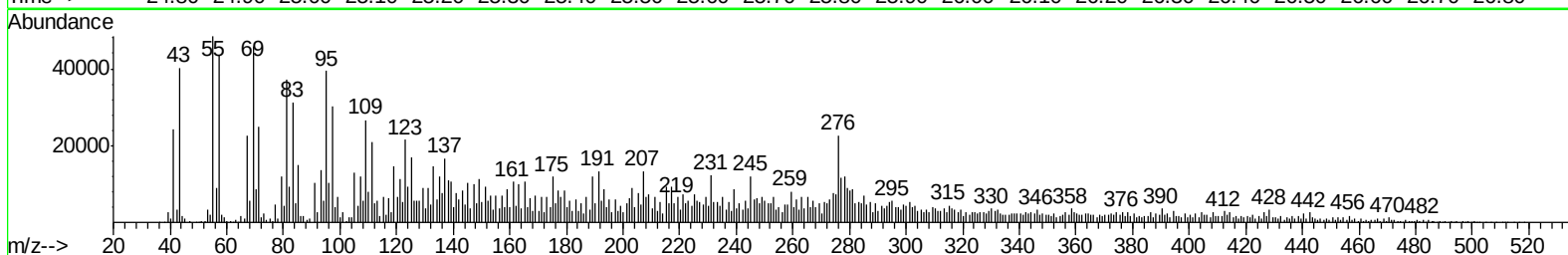
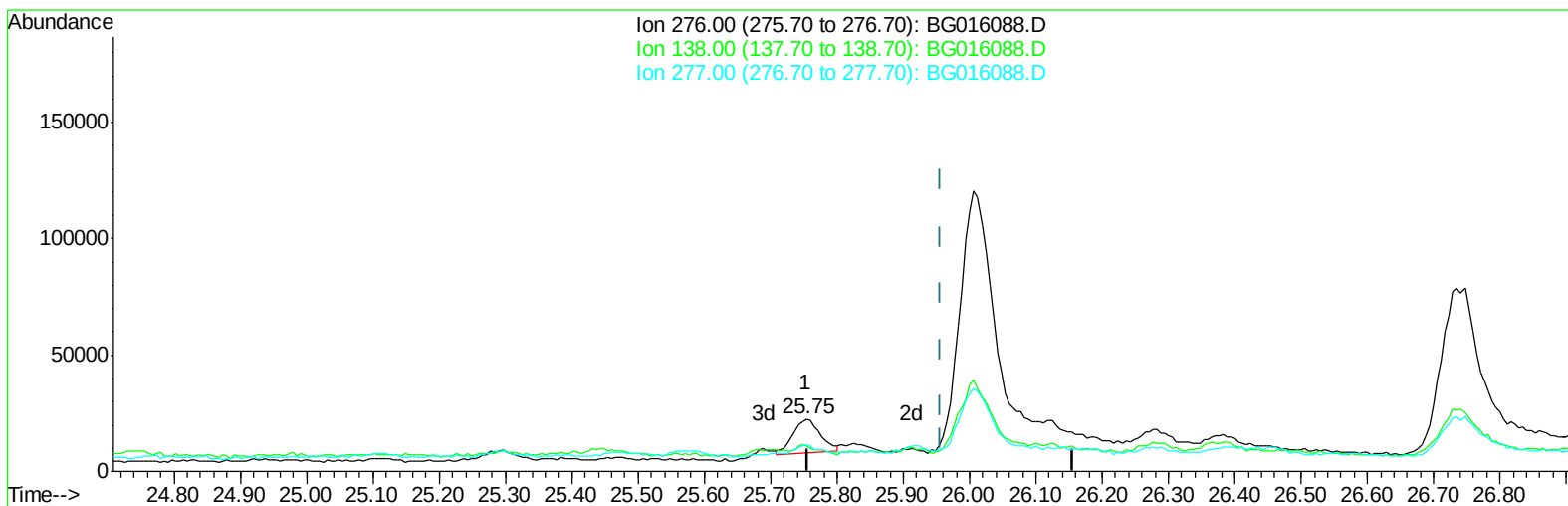
23.545min (+0.033) 31.18ng/ul m

response 857418

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	27.07#
125.00	14.40	19.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

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

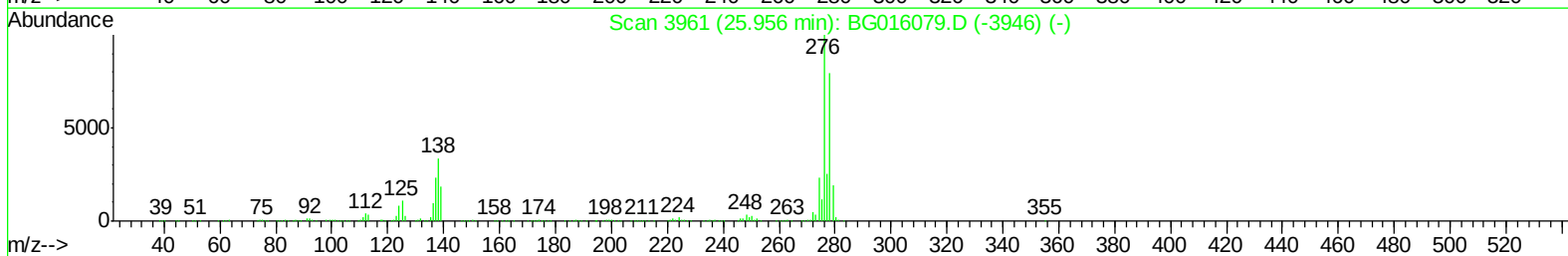
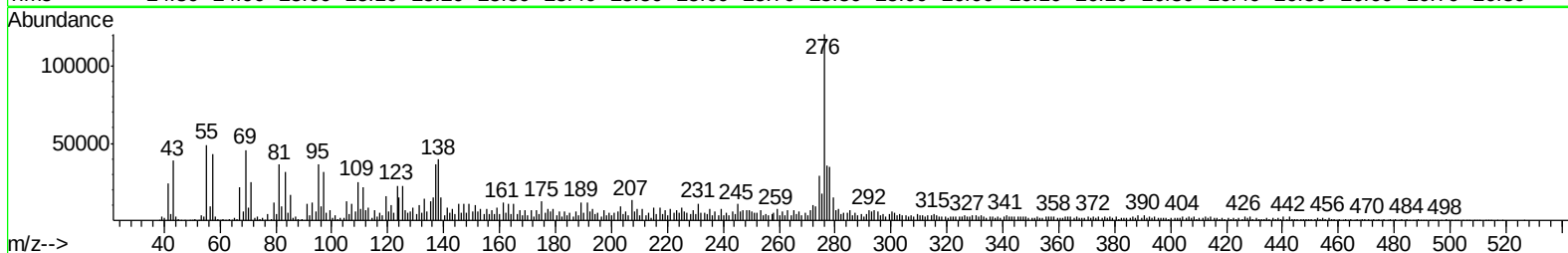
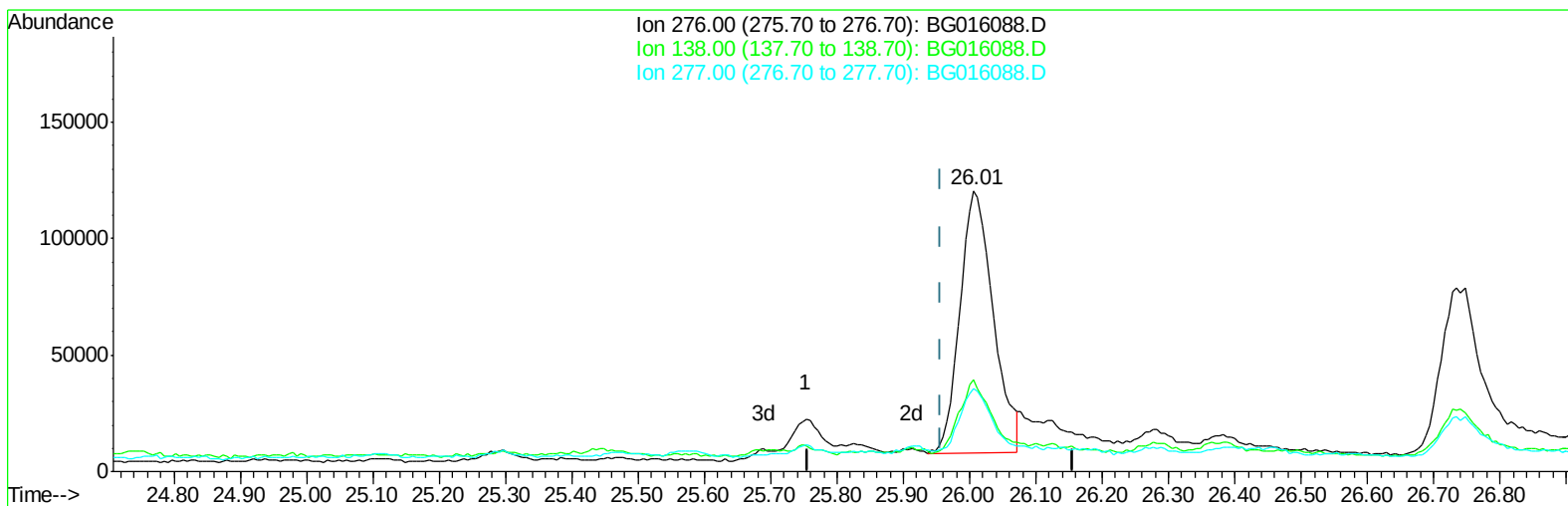
25.754min (-0.202) 1.37ng/ul

response 43717

Ion	Exp%	Act%
276.00	100	100
138.00	32.60	48.07#
277.00	25.00	51.40#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:09:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

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

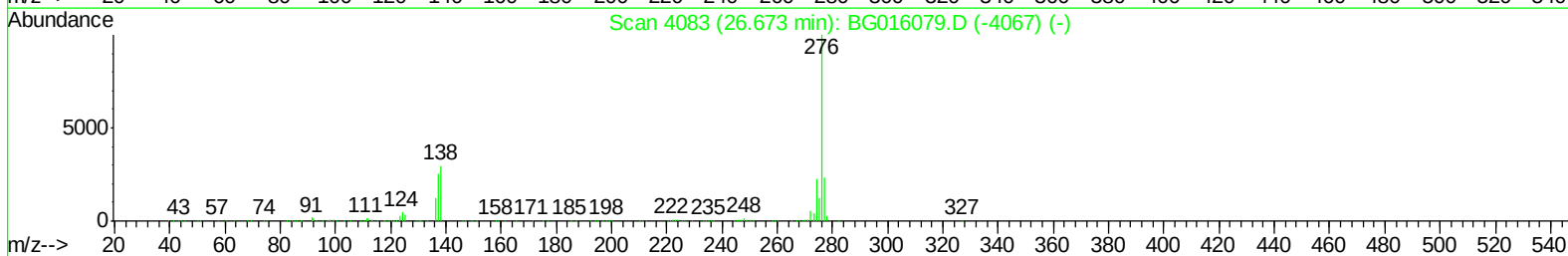
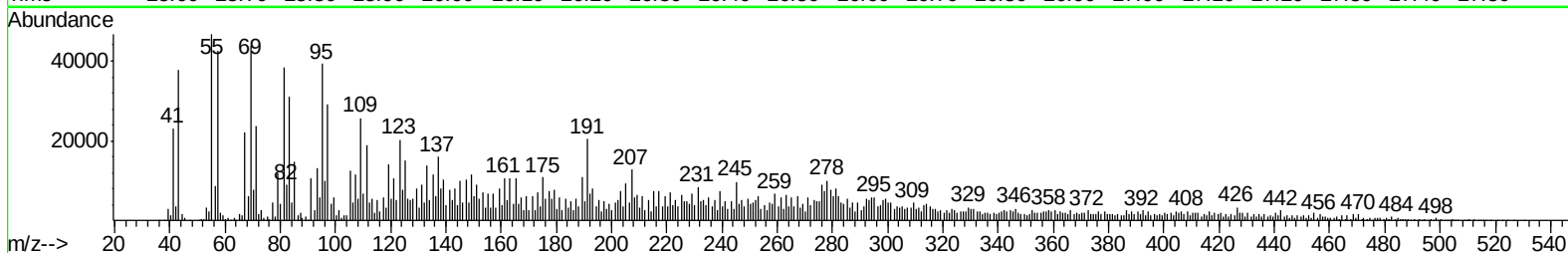
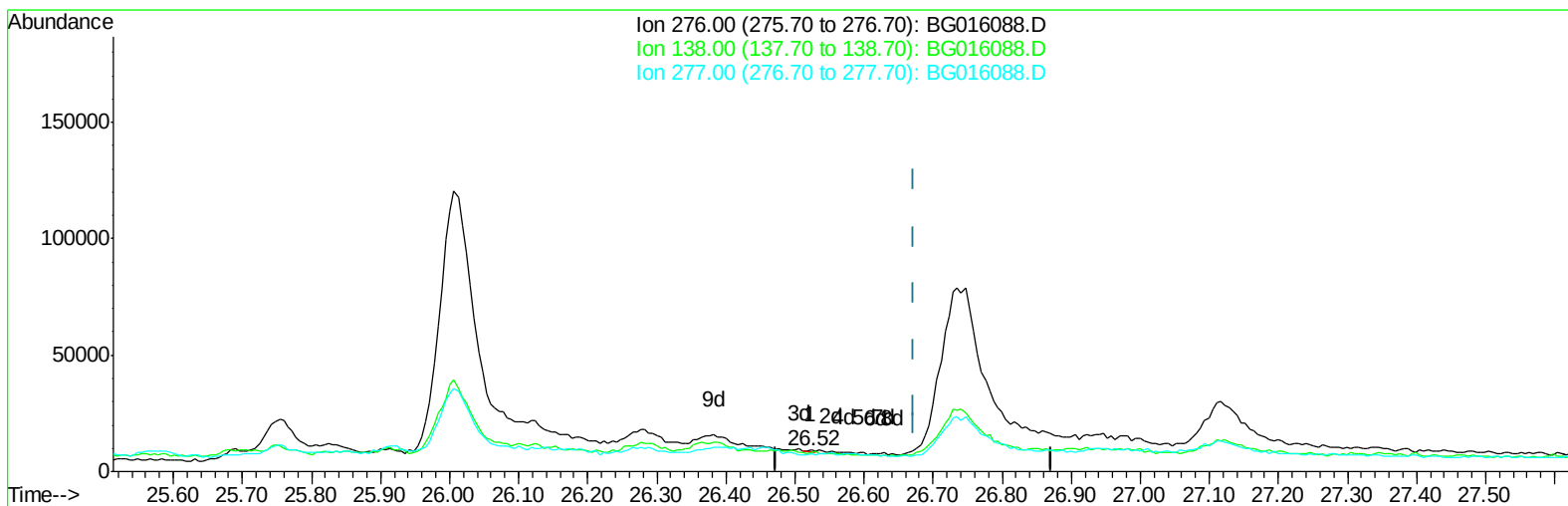
26.007min (+0.051) 12.24ng/ul m

response 389500

Ion	Exp%	Act%
276.00	100	100
138.00	32.60	32.88
277.00	25.00	29.49
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:12:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(91) Benzo(g,h,i)perylene

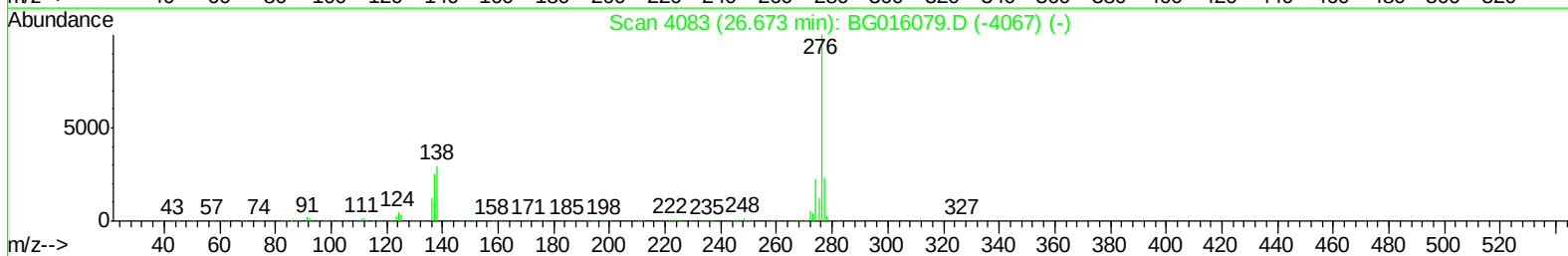
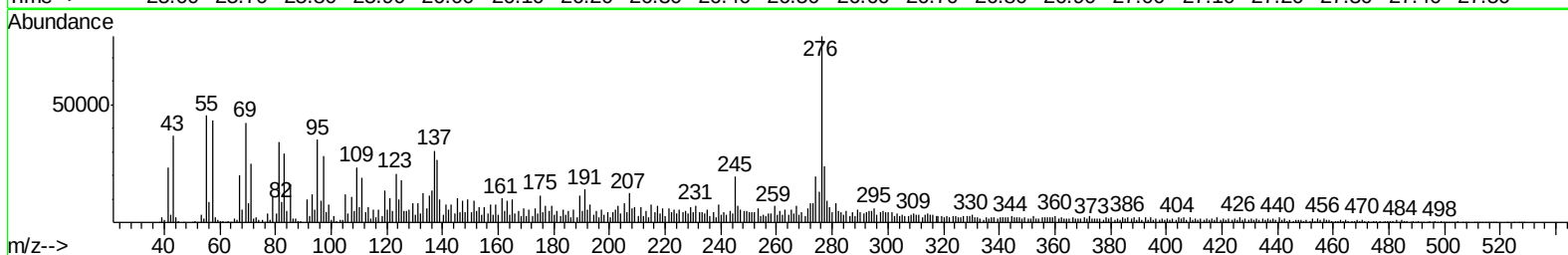
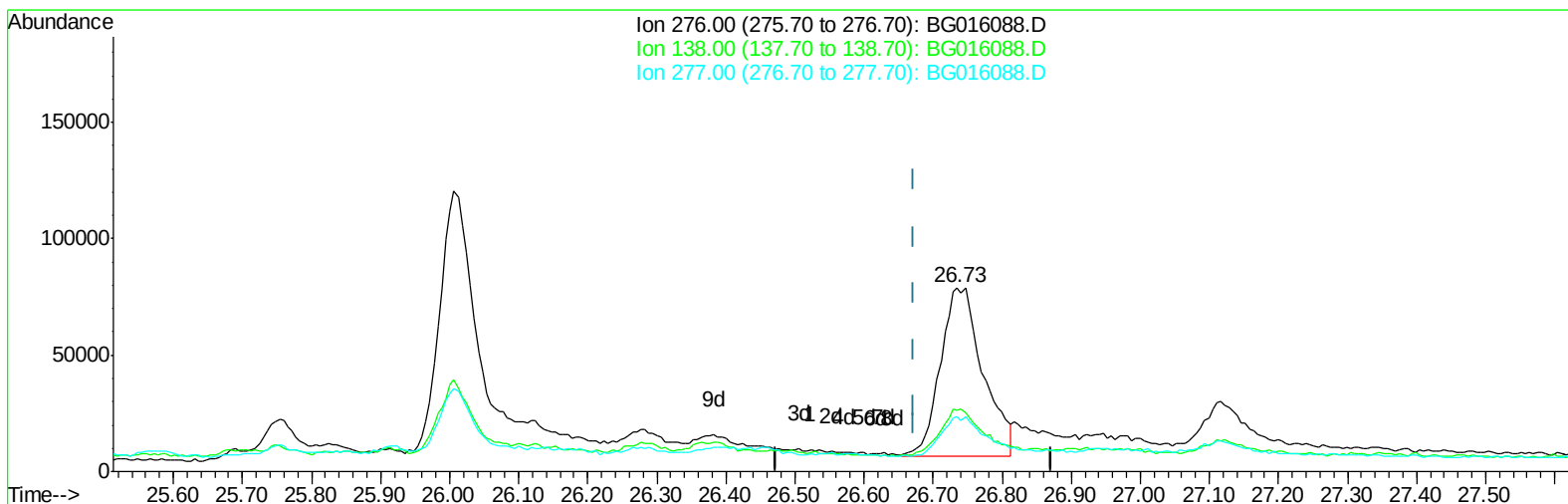
26.524min (-0.149) 0.02ng/ul

response 549

Ion	Exp%	Act%
276.00	100	100
138.00	27.50	88.07#
277.00	23.70	82.04#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
Data File : BG016088.D
Acq On : 21 Mar 2015 5:11
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:12:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration



TIC: BG016088.D

(91) Benzo(g,h,i)perylene

26.735min (+0.062) 11.63ng/ul m

response 310792

Ion	Exp%	Act%
276.00	100	100
138.00	27.50	33.42#
277.00	23.70	29.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032015\
 Data File : BG016088.D
 Acq On : 21 Mar 2015 5:11
 Operator : TP/IZ
 Sample : G1565-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 23 12:13:38 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 21 04:57:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	99711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	434493	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	243015	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	444148	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	478372	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	480801m	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	197179	22.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	101132	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	151157	21.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	151438	22.49	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	77804	22.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	84310	25.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	136866	22.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	73660	8.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	377065	23.80	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	505245	22.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	70174	18.54	ng/ul	0.00
57) Fluorene-d10	15.42	176	347242	21.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	49172	21.19	ng/ul	0.00
70) Anthracene-d10	17.26	188	476990	23.51	ng/ul	0.00
76) Pyrene-d10	19.55	212	484288	22.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	468135m	22.32	ng/ul	0.03

Target Compounds

						Qvalue
6) Phenol	6.99	94	10749	1.10	ng/ul#	89
28) Naphthalene	10.63	128	46317	1.97	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	19532	1.18	ng/ul	98
44) Dimethylphthalate	13.88	163	24267	1.35	ng/ul	99
49) Acenaphthene	14.49	153	128162	7.74	ng/ul	99
53) Dibenzofuran	14.82	168	161401	7.22	ng/ul	98
58) Fluorene	15.47	166	239912	12.29	ng/ul	100
69) Phenanthrene	17.21	178	1619039	64.13	ng/ul#	91
71) Anthracene	17.29	178	549275	21.43	ng/ul	99
72) Carbazole	17.57	167	230627	9.36	ng/ul	99
74) Fluoranthene	19.22	202	2202331	77.15	ng/ul#	86
77) Pyrene	19.59	202	1871453	63.58	ng/ul#	89
80) Benzo(a)anthracene	21.32	228	1049440	38.72	ng/ul	94
82) Chrysene	21.38	228	1050815m	40.75	ng/ul	
85) Benzo(b)fluoranthene	22.95	252	1204438m	43.64	ng/ul	
86) Benzo(k)fluoranthene	22.99	252	640121m	23.49	ng/ul	
88) Benzo(a)pyrene	23.55	252	857418m	31.18	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.01	276	389500m	12.24	ng/ul	
91) Benzo(g,h,i)perylene	26.73	276	310792m	11.63	ng/ul	

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

