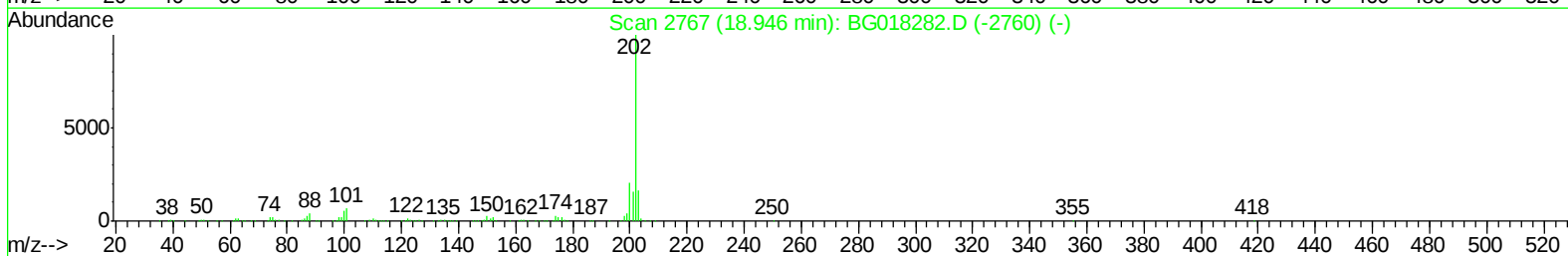
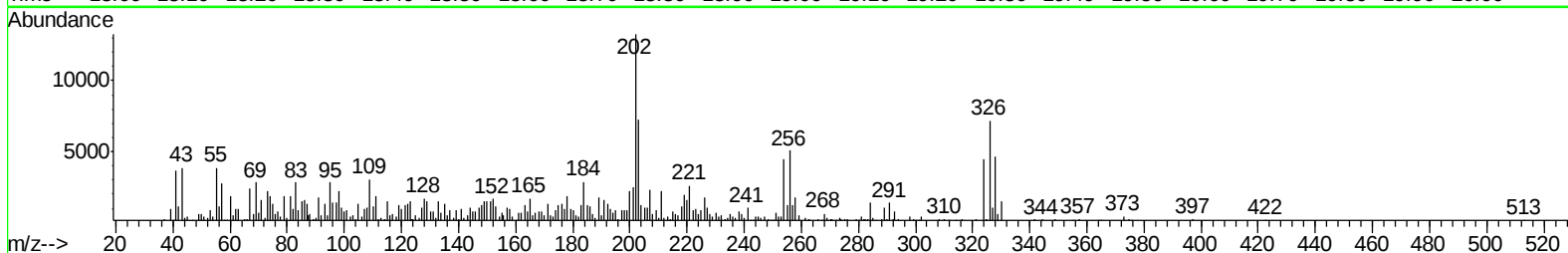
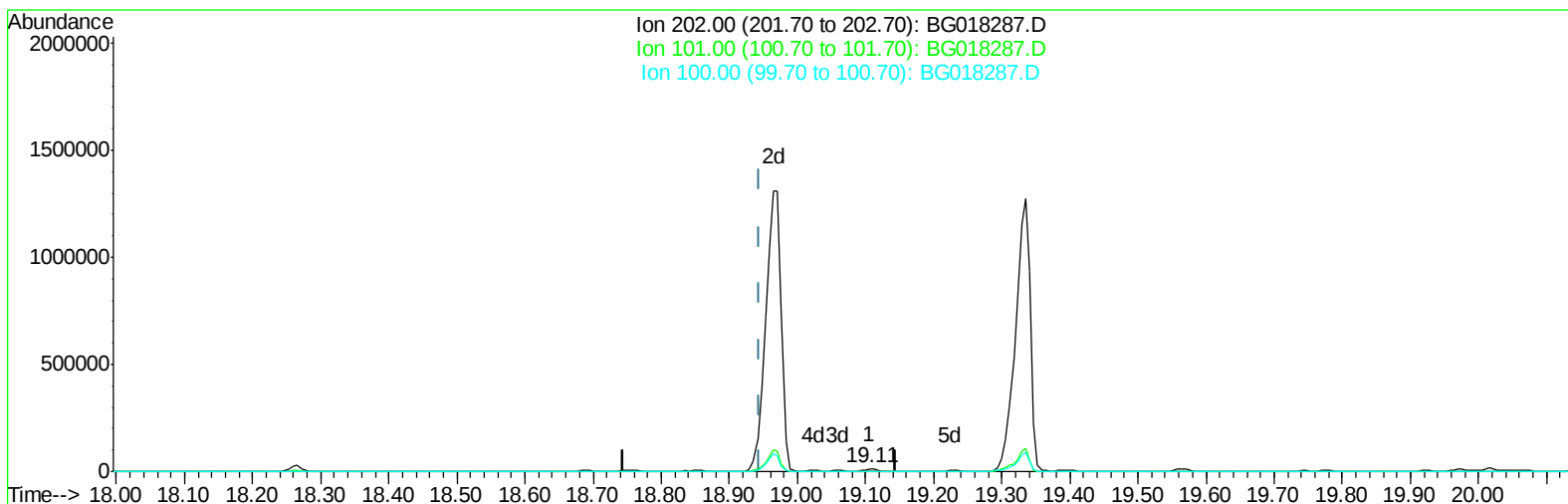


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(77) Fluoranthene (C)

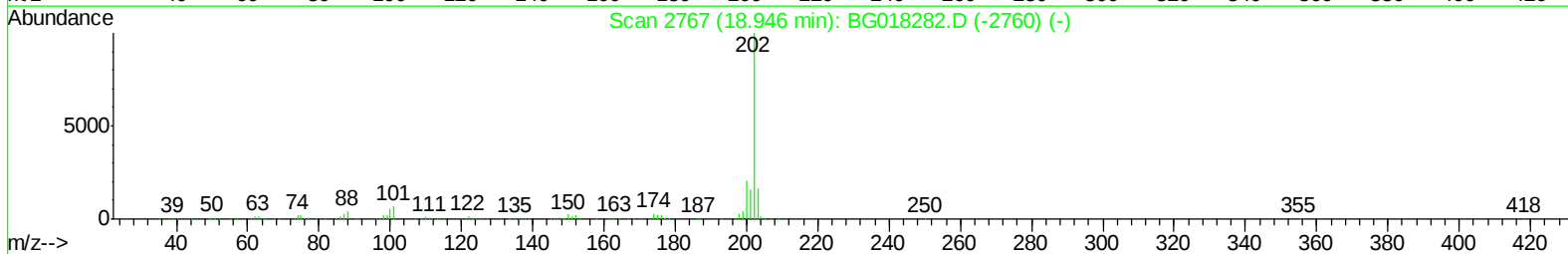
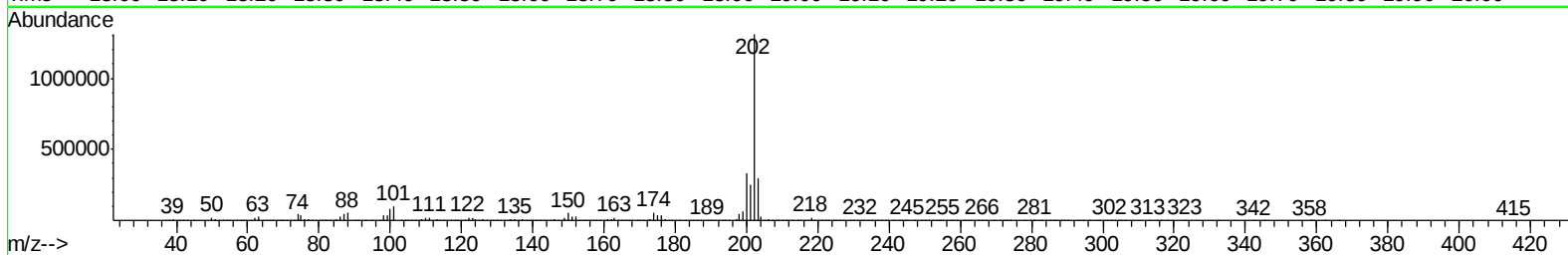
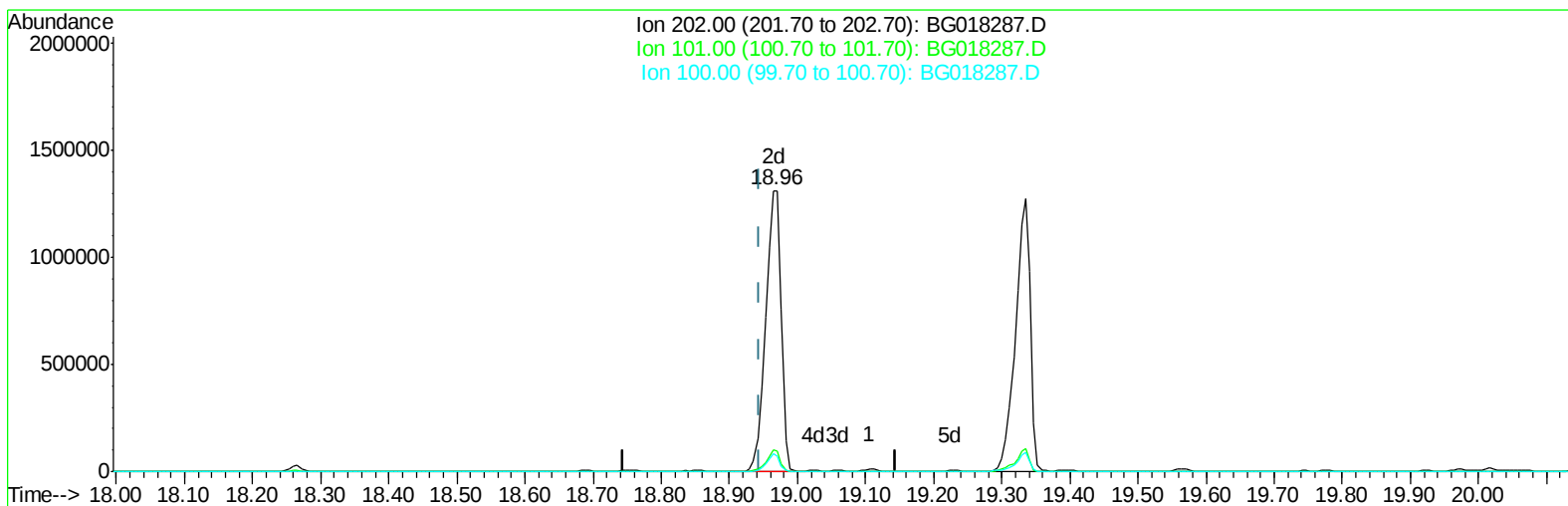
19.106min (+0.160) 0.77ng/ul

response 13283

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	6.55
100.00	5.70	5.58
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(77) Fluoranthene (C)

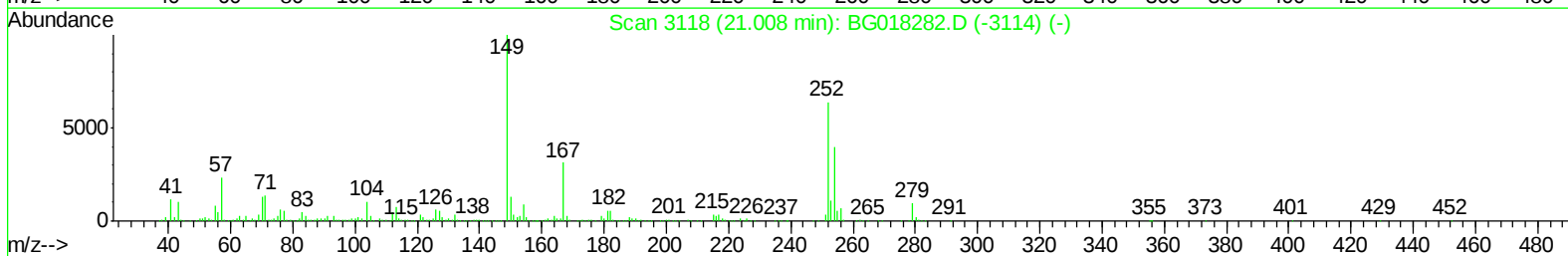
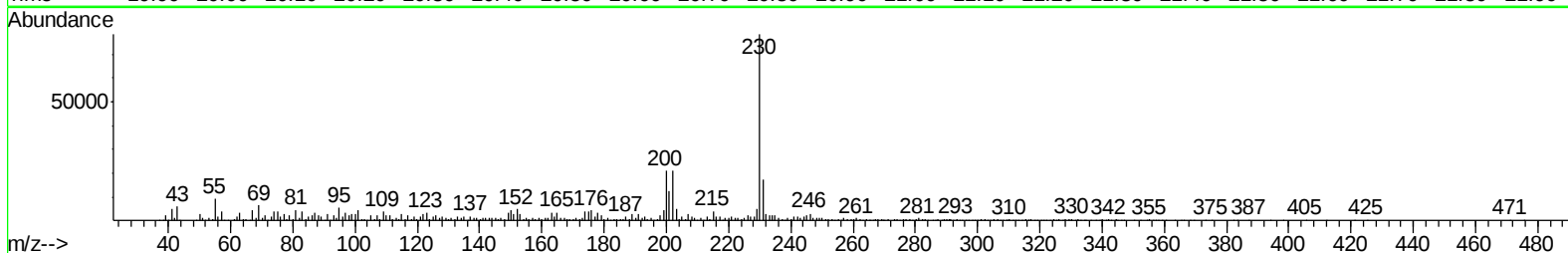
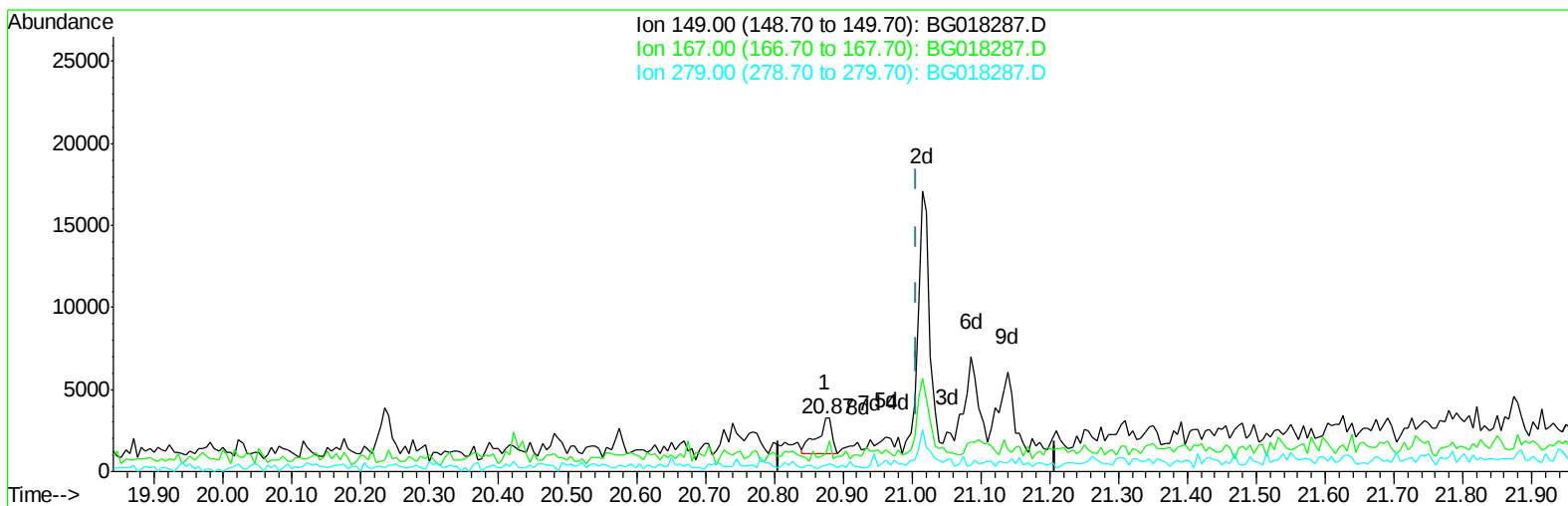
18.965min (+0.019) 120.43ng/ul m

response 2090727

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	7.63
100.00	5.70	6.23
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(84) Bis(2-ethylhexyl)phthalate

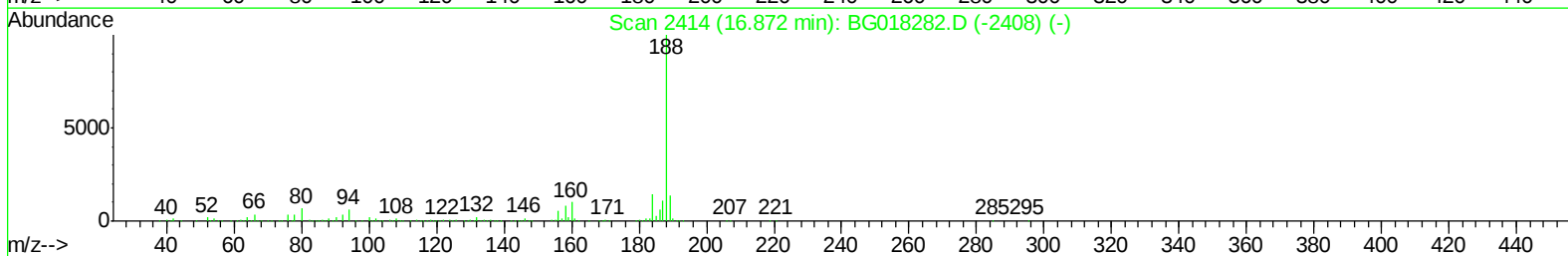
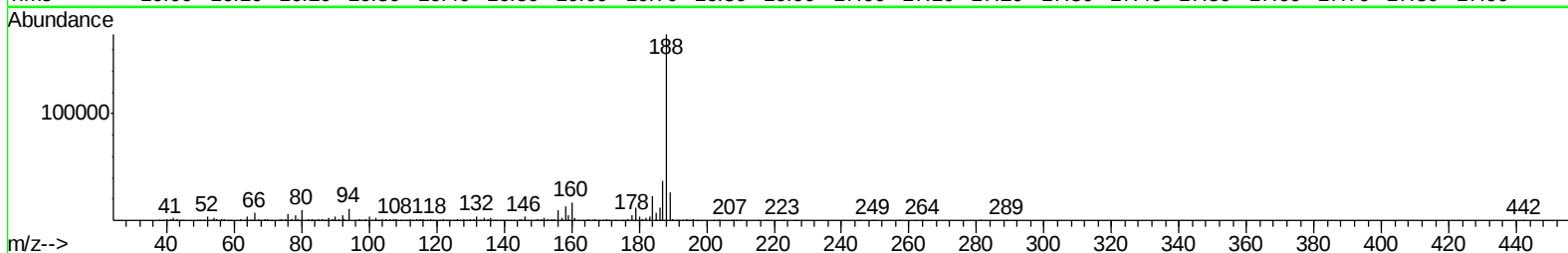
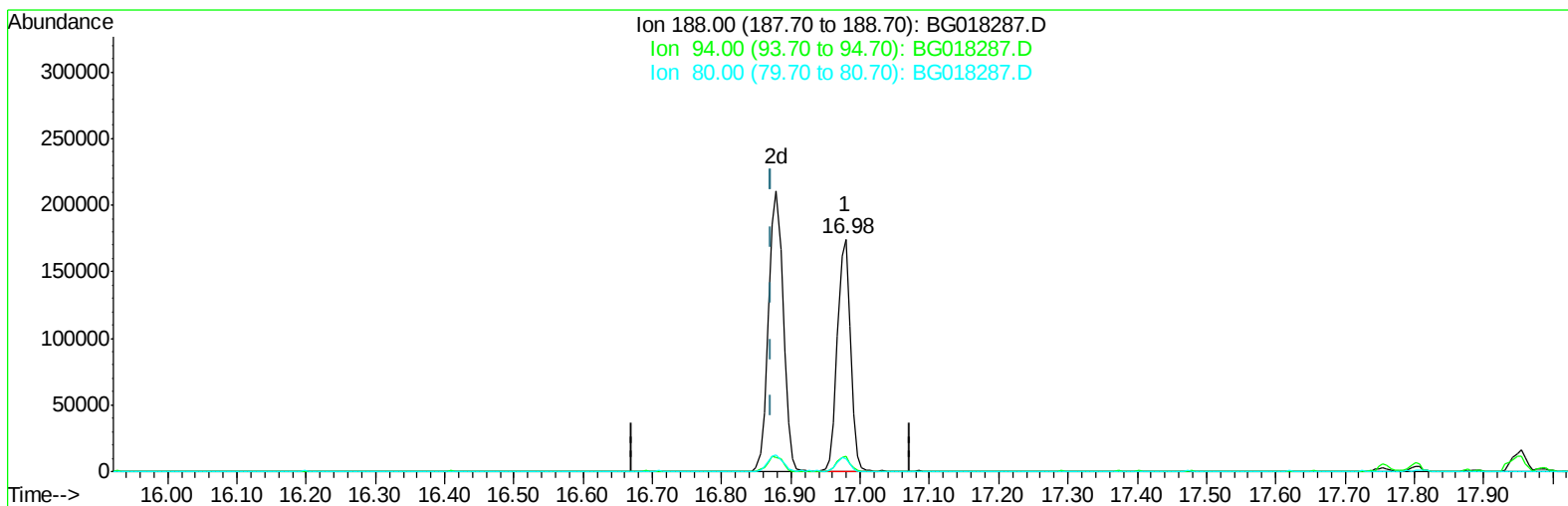
20.874min (-0.133) 0.48ng/ul

response 3349

Ion	Exp%	Act%
149.00	100	100
167.00	33.00	33.38
279.00	10.70	11.91
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(62) Phenanthrene-d10 (I)

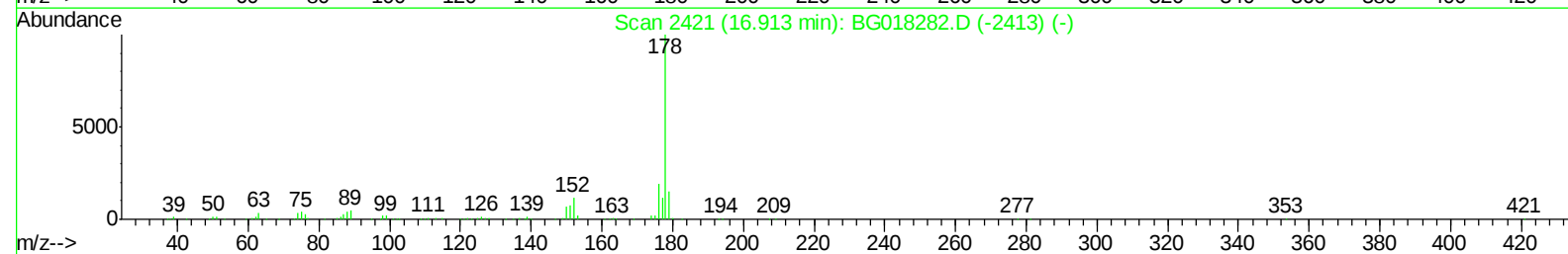
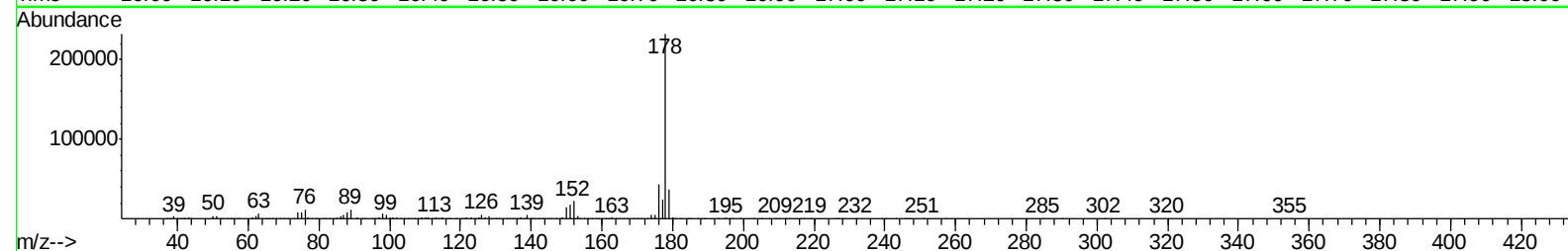
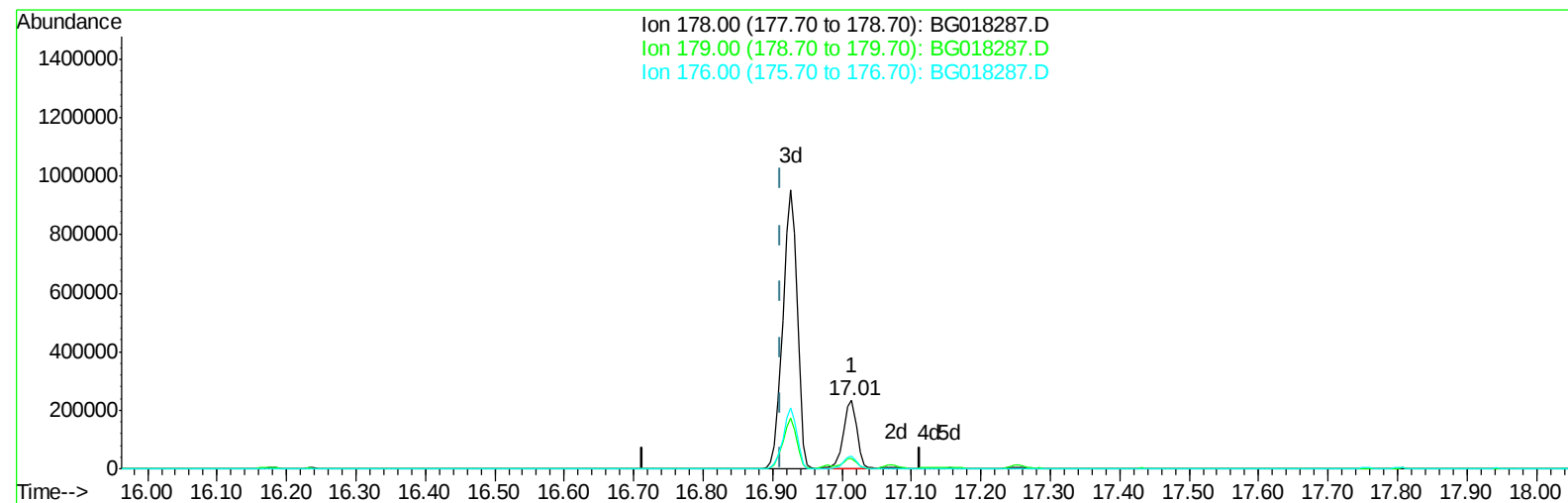
16.979min (+0.107) 20.00ng/ul

response 229739

Ion	Exp%	Act%
188.00	100	100
94.00	6.50	6.44
80.00	6.10	5.72
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(70) Phenanthrene

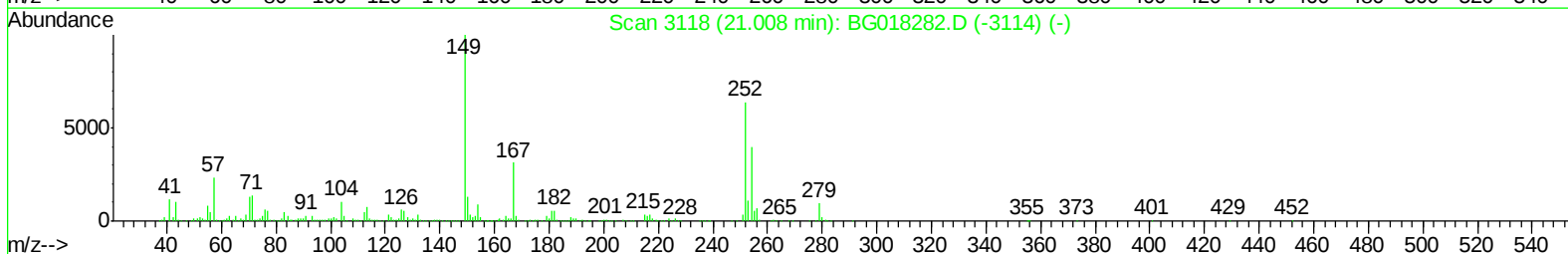
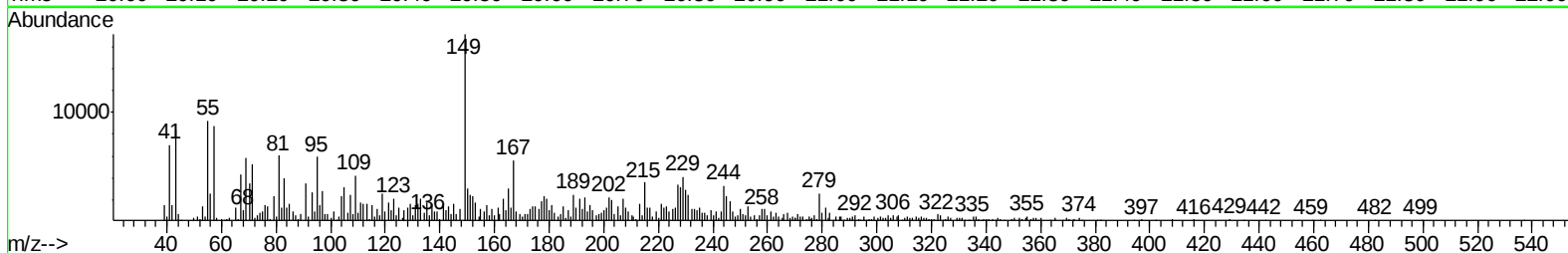
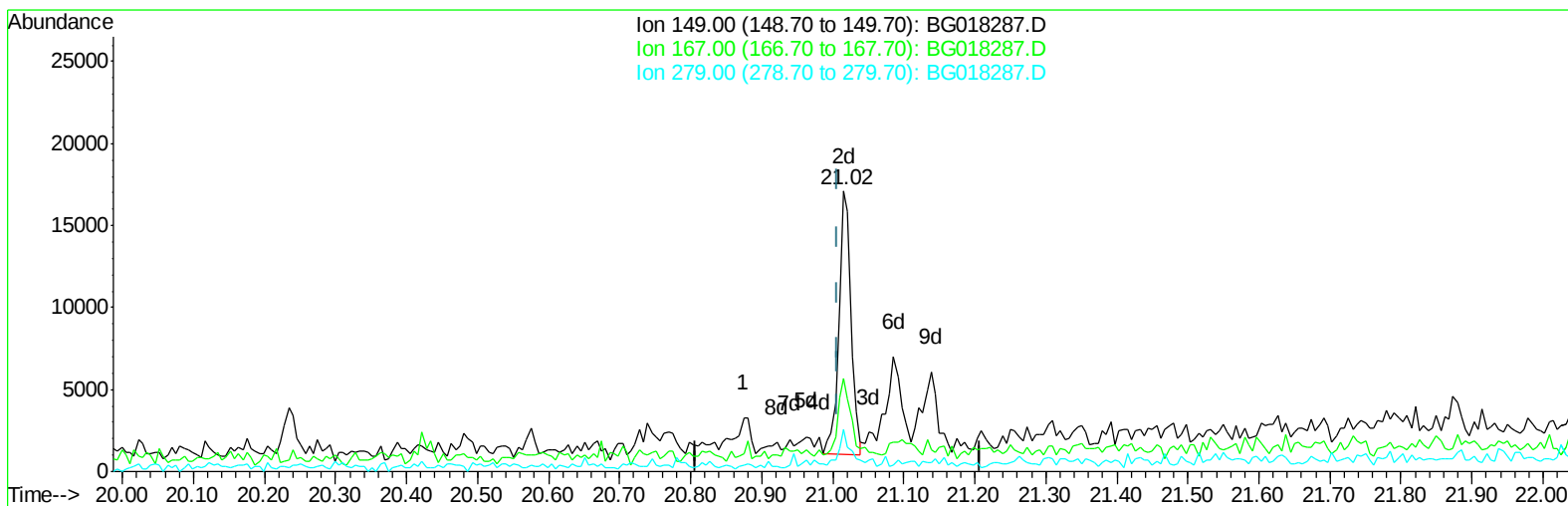
17.014min (+0.102) 19.90ng/ul

response 311408

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.64
176.00	18.10	18.69
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(84) Bis(2-ethylhexyl)phthalate

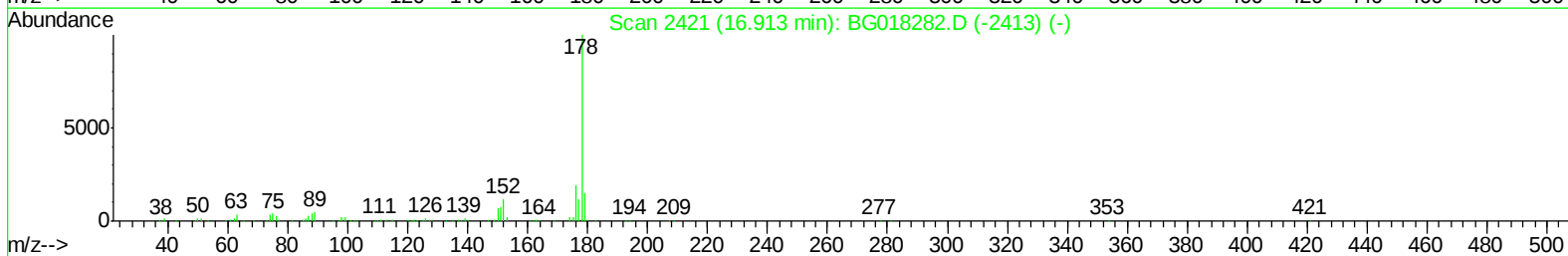
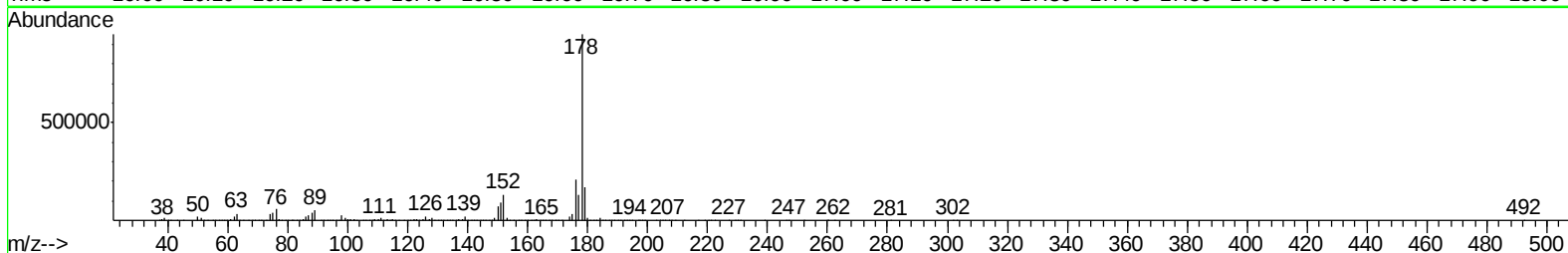
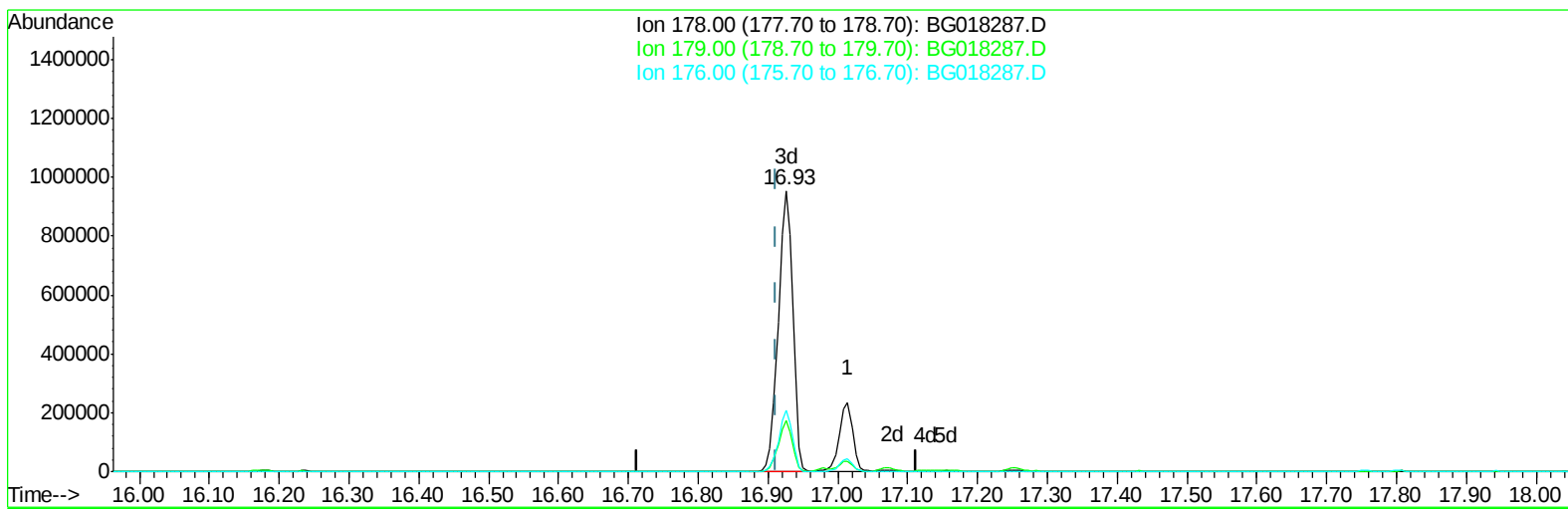
21.015min (+0.008) 2.76ng/ul m

response 19201

Ion	Exp%	Act%
149.00	100	100
167.00	33.00	33.04
279.00	10.70	15.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(70) Phenanthrene

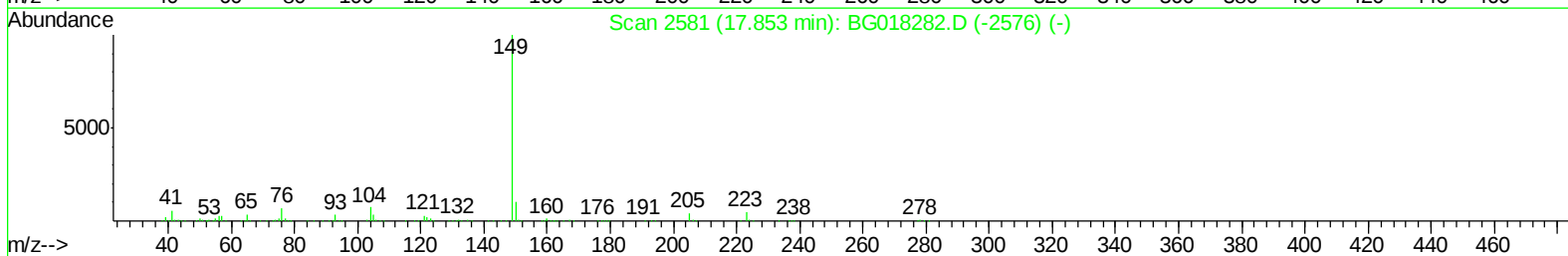
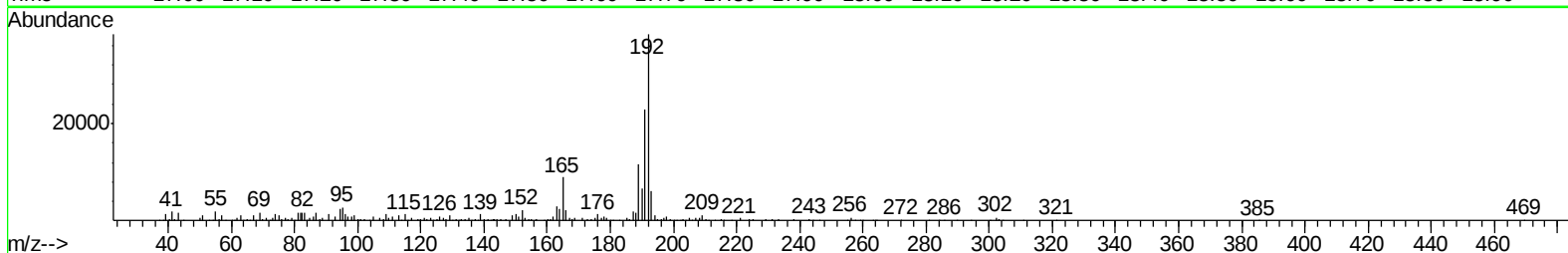
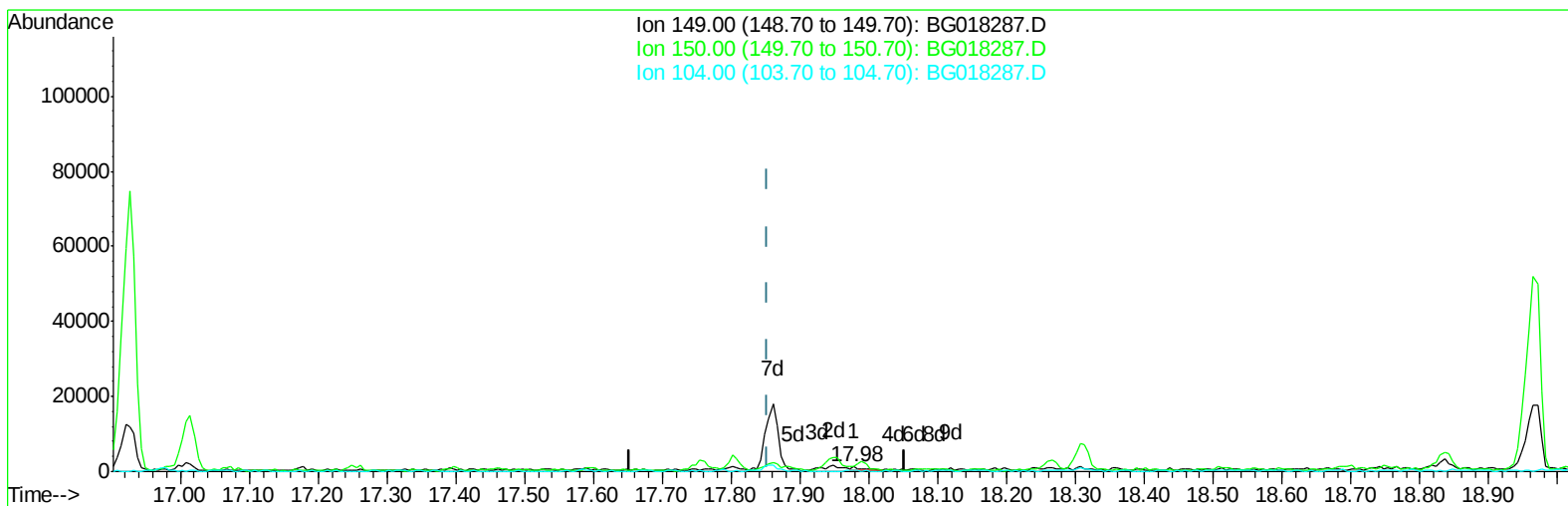
16.926min (+0.013) 87.48ng/ul m

response 1369226

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	18.15
176.00	18.10	21.87#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(76) Di-n-butylphthalate

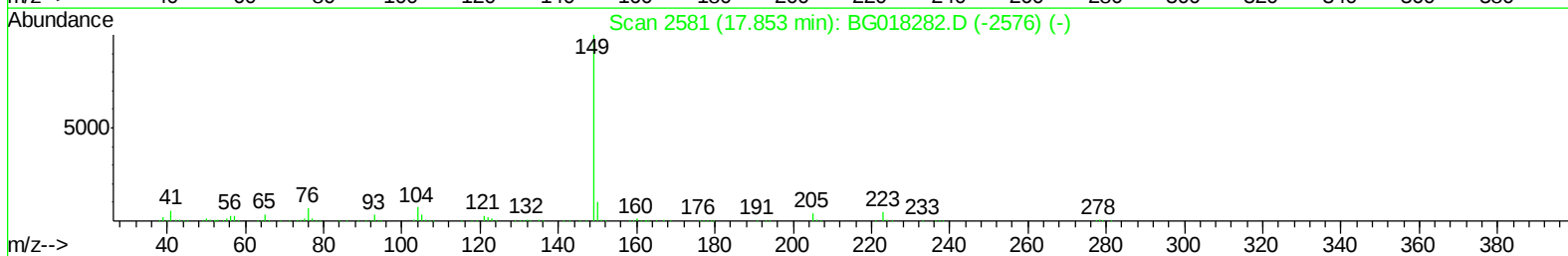
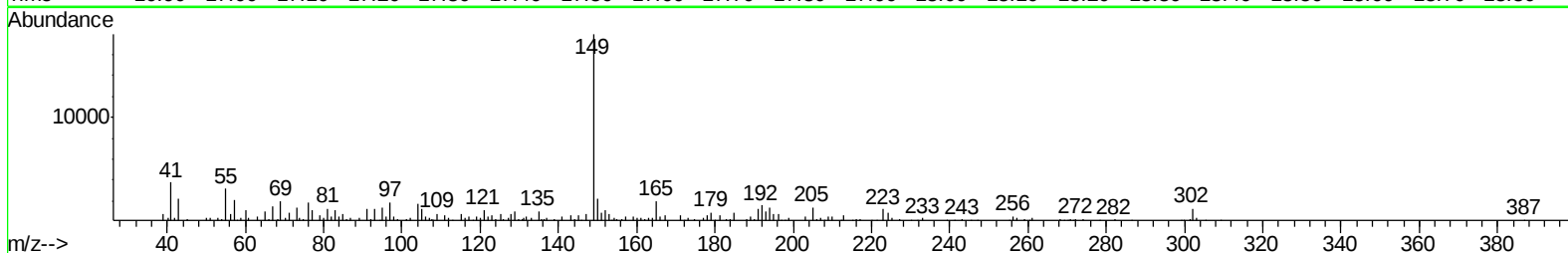
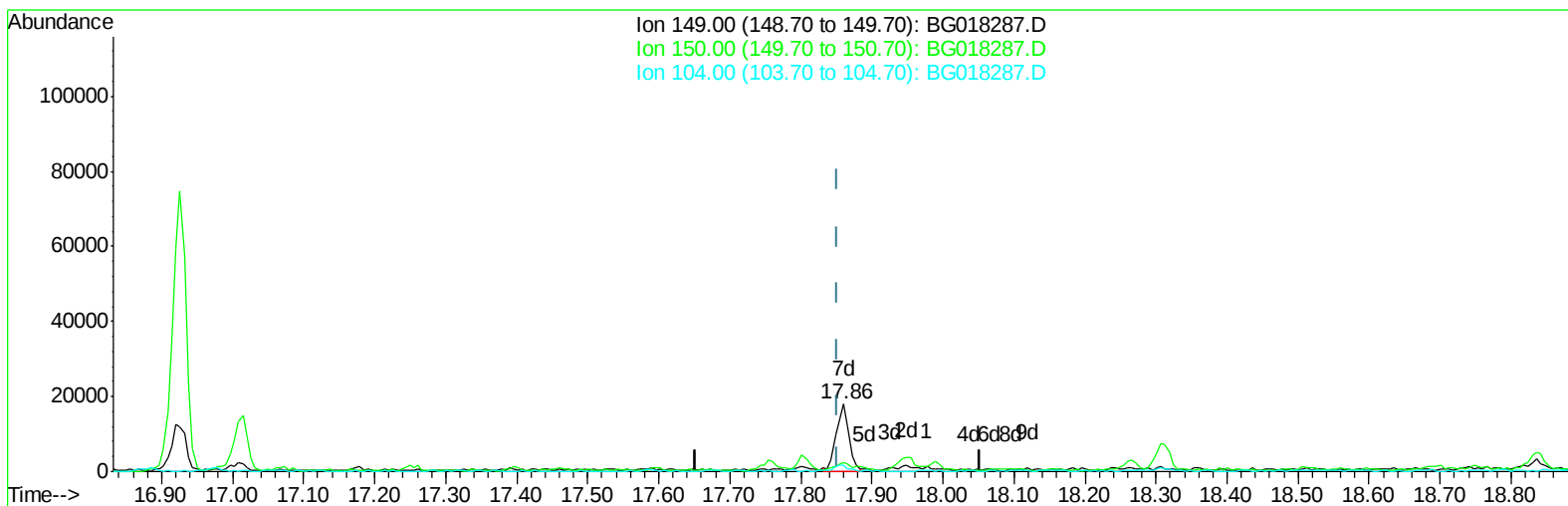
17.978min (+0.125) 0.06ng/ul

response 1050

Ion	Exp%	Act%
149.00	100	100
150.00	9.30	120.07#
104.00	6.90	18.76#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(76) Di-n-butylphthalate

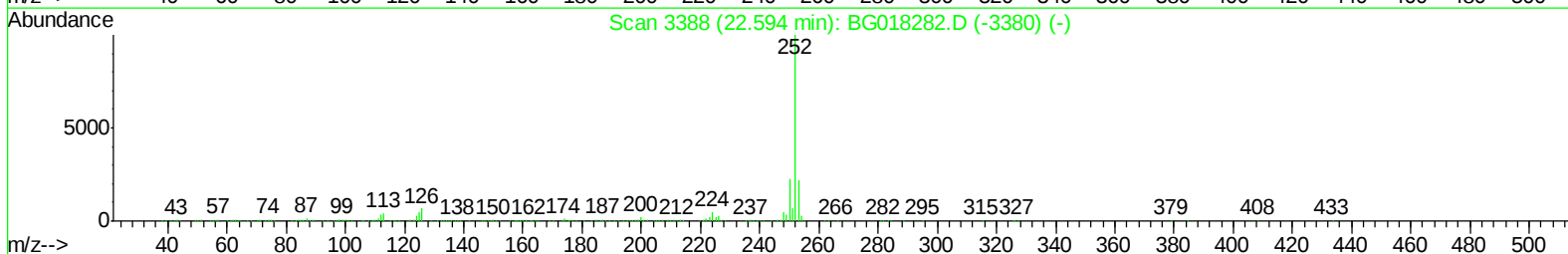
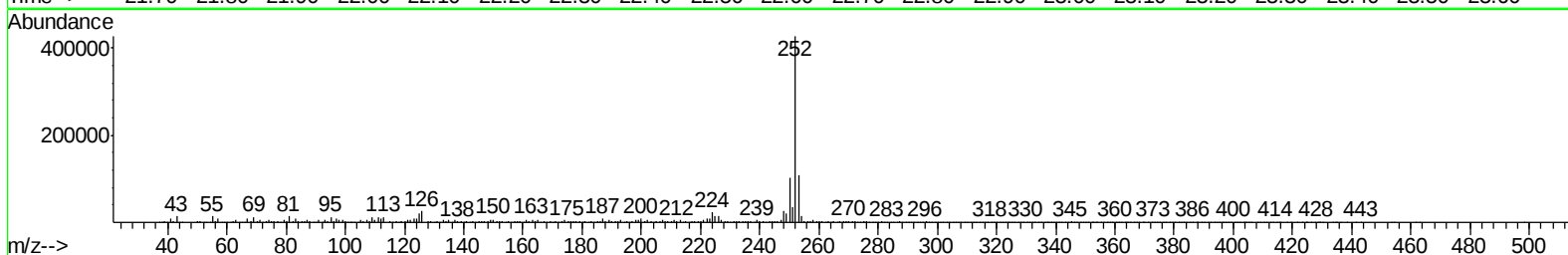
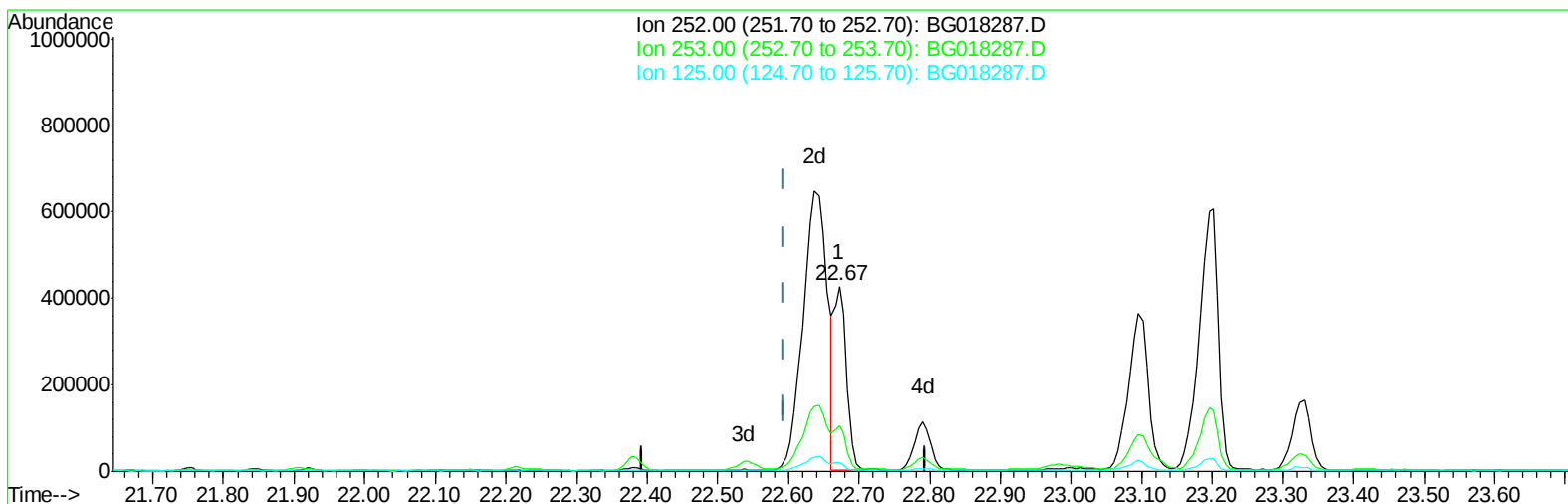
17.860min (+0.008) 1.23ng/ul m

response 22714

Ion	Exp%	Act%
149.00	100	100
150.00	9.30	12.44#
104.00	6.90	9.79#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(88) Benzo(b)fluoranthene

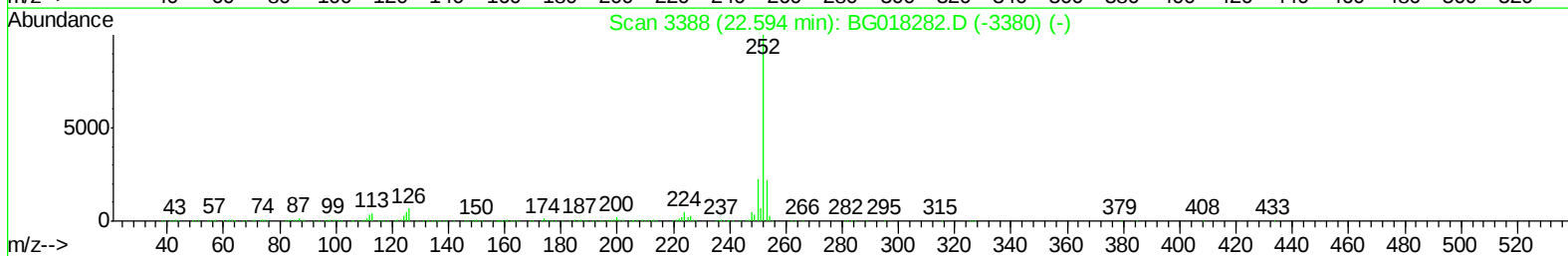
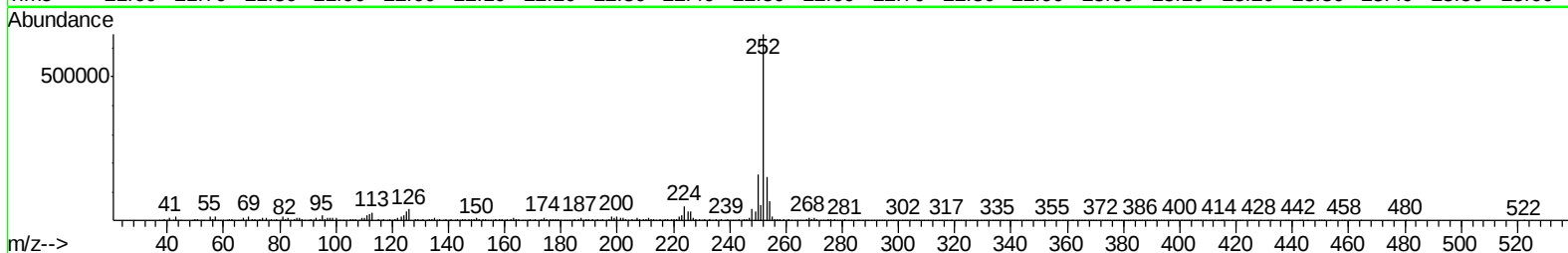
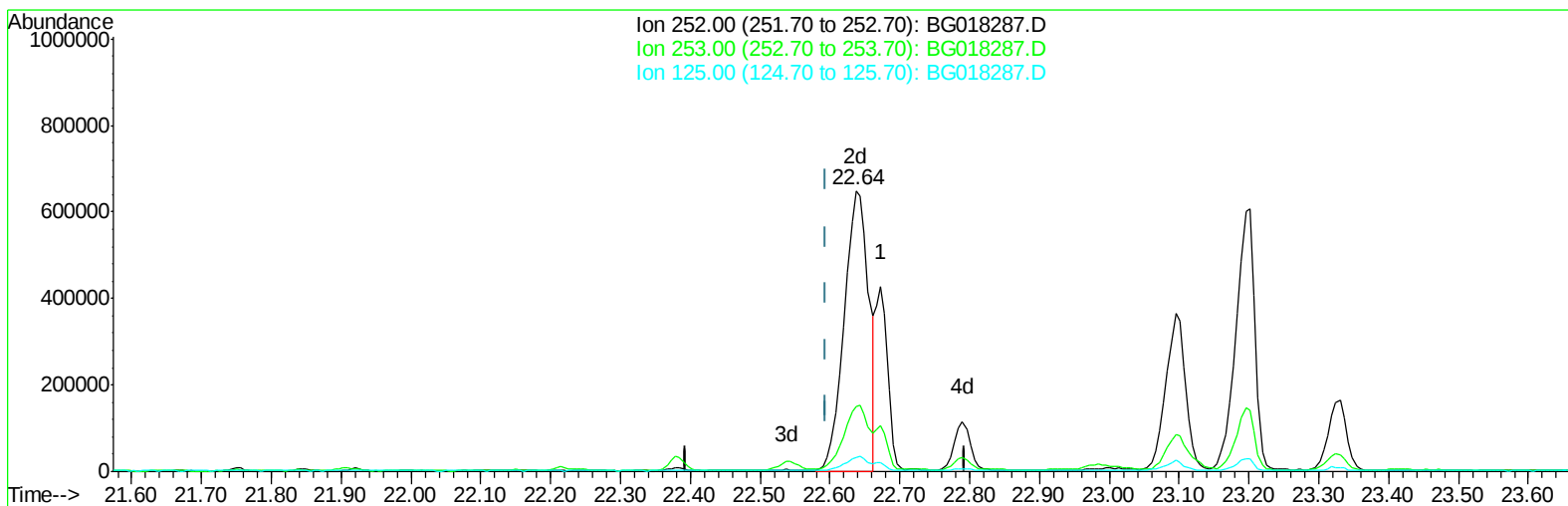
22.672min (+0.078) 38.84ng/ul

response 502898

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.11
125.00	3.90	4.52
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(88) Benzo(b)fluoranthene

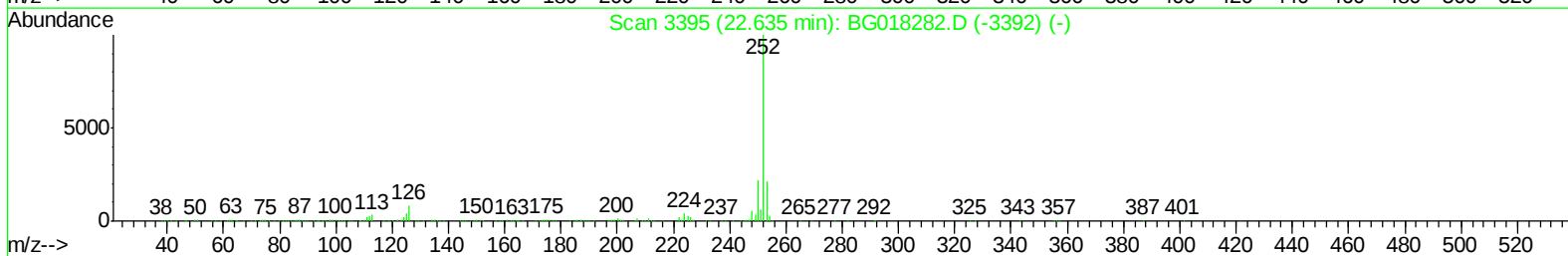
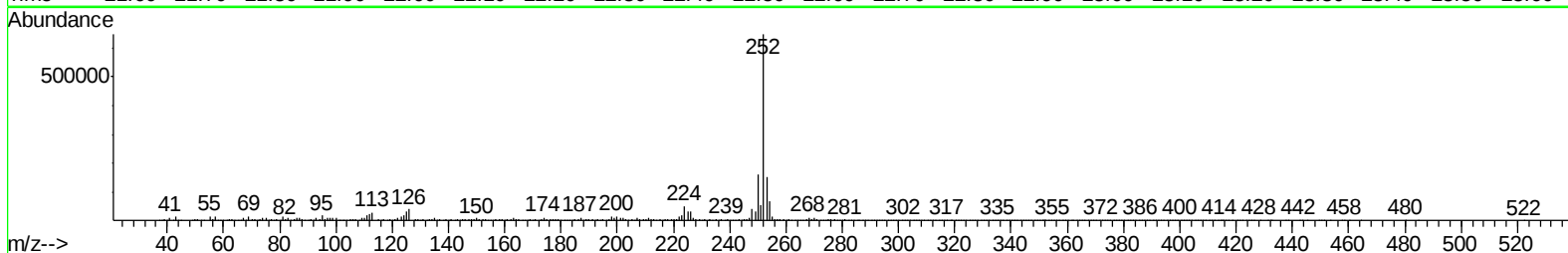
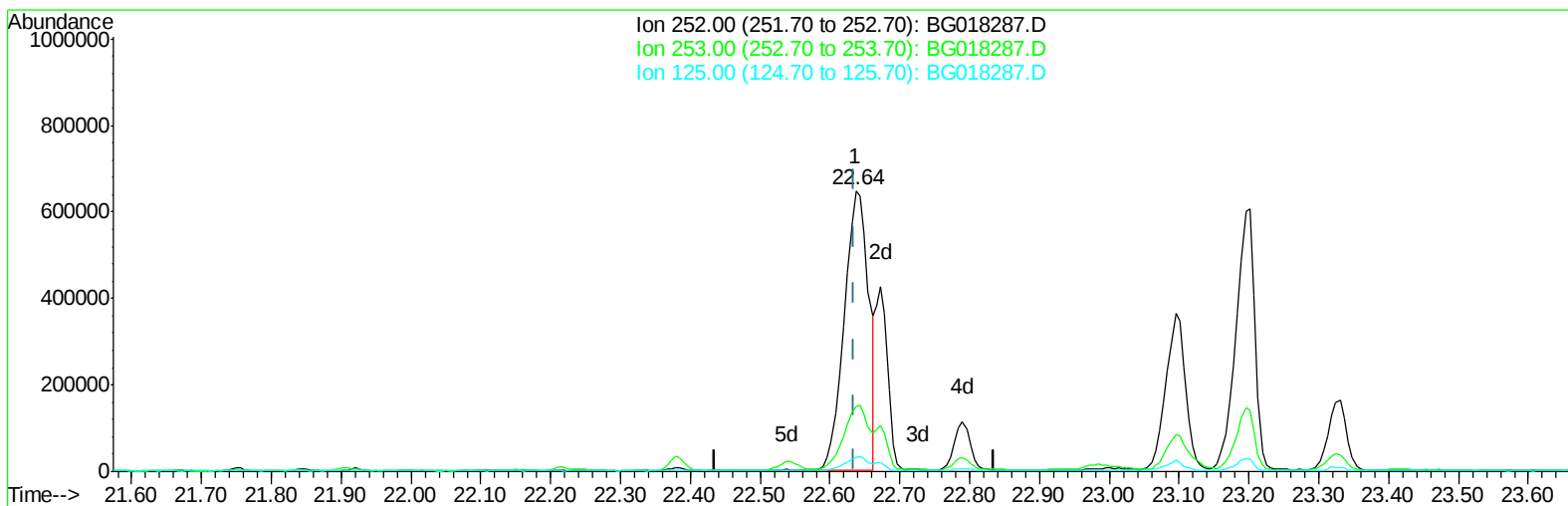
22.637min (+0.043) 121.38ng/ul m

response 1571802

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.39
125.00	3.90	5.14#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(89) Benzo(k)fluoranthene

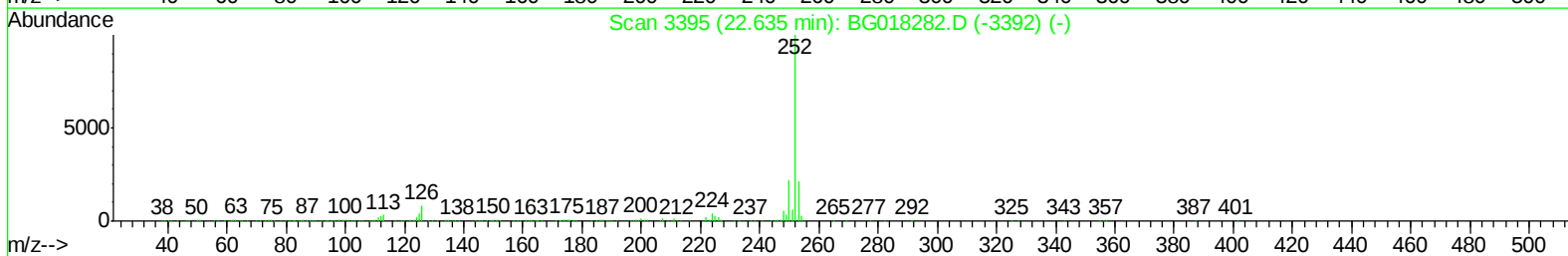
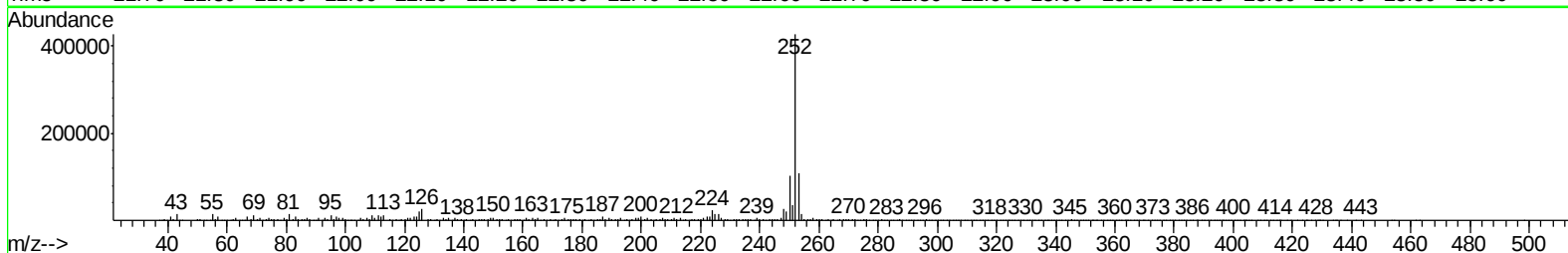
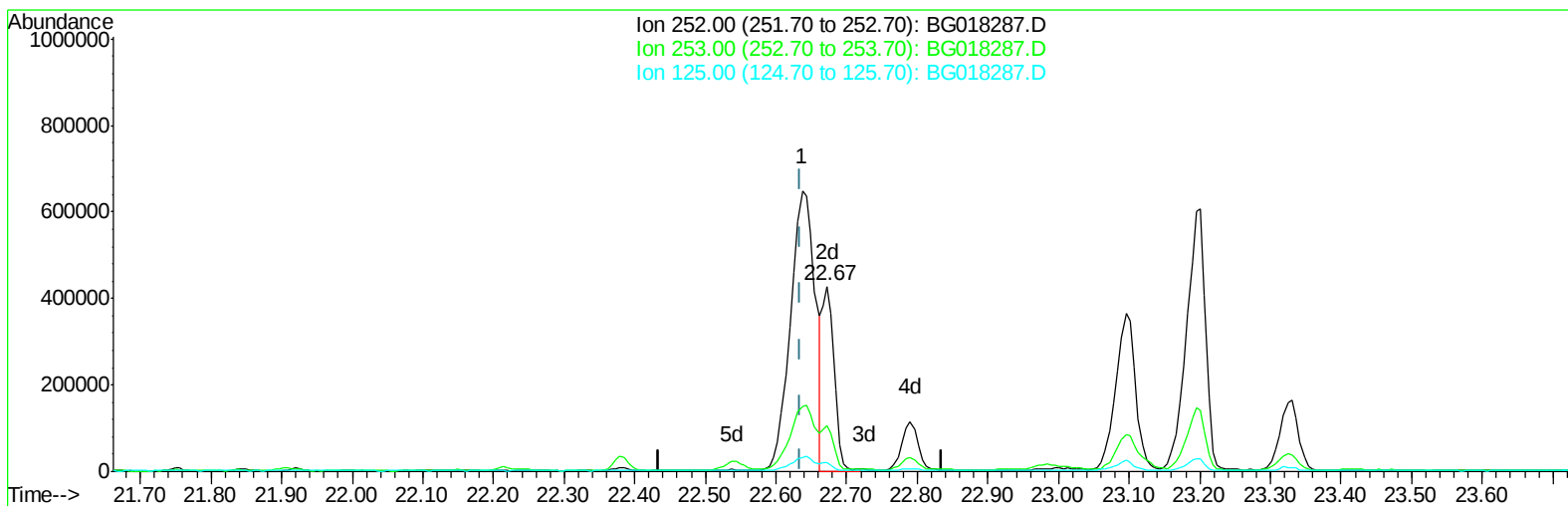
22.637min (+0.002) 125.78ng/ul

response 1561832

Ion	Exp%	Act%
252.00	100	100
253.00	20.50	23.39
125.00	4.30	5.14
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018287.D

(89) Benzo(k)fluoranthene

22.672min (+0.037) 41.64ng/ul m

response 517015

Ion	Exp%	Act%
252.00	100	100
253.00	20.50	25.11#
125.00	4.30	4.52
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018287.D
 Acq On : 6 Aug 2015 00:57
 Operator : UM/TP
 Sample : G3109-11RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:18:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	60331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	280997	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	172865	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	310138m	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	214221	20.00	ng/ul	0.01
86) Perylene-d12	23.28	264	211136	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	1183	1.69	ng/uL	0.00
5) Phenol-d5	6.64	99	69562	14.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	34835	15.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	60731	15.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	33791	8.44	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	33306	15.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	41276	16.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	66283	14.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	3057	0.55	ng/ul	0.01
44) Dimethylphthalate-d6	13.53	166	217610	16.28	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	255824	16.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	24792	11.24	ng/ul	0.00
58) Fluorene-d10	15.12	176	189511	15.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	29304	13.65	ng/ul	0.00
71) Anthracene-d10	16.98	188	229068	16.79	ng/ul	0.00
79) Pyrene-d10	19.29	212	181814	15.17	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.14	264	169291	15.41	ng/ul	0.04

Target Compounds

						Qvalue
28) Naphthalene	10.26	128	69274	5.24	ng/ul	96
34) 2-Methylnaphthalene	11.90	142	19316	1.82	ng/ul	96
35) 1-Methylnaphthalene	12.12	142	14791	1.44	ng/ul#	87
45) Dimethylphthalate	13.58	163	81733	6.13	ng/ul	99
48) Acenaphthylene	13.84	152	45944	2.94	ng/ul	97
50) Acenaphthene	14.18	153	95982	9.50	ng/ul	95
54) Dibenzofuran	14.52	168	74386	5.00	ng/ul	97
59) Fluorene	15.18	166	107163	8.21	ng/ul	92
70) Phenanthrene	16.93	178	1369226m	87.48	ng/ul	
72) Anthracene	17.01	178	305999	19.59	ng/ul	99
75) Carbazole	17.29	167	120574	9.15	ng/ul	98
76) Di-n-butylphthalate	17.86	149	22714m	1.23	ng/ul	
77) Fluoranthene	18.96	202	2090727m	120.43	ng/ul	
80) Pyrene	19.34	202	1944442	130.54	ng/ul	98
83) Benzo(a)anthracene	21.09	228	919908	81.36	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.02	149	19201m	2.76	ng/ul	
85) Chrysene	21.14	228	897896	88.38	ng/ul	94
88) Benzo(b)fluoranthene	22.64	252	1571802m	121.38	ng/ul	
89) Benzo(k)fluoranthene	22.67	252	517015m	41.64	ng/ul	
91) Benzo(a)pyrene	23.20	252	1127958	99.77	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.50	276	695112	49.70	ng/ul	98
93) Dibenzo(a,h)anthracene	25.49	278	179861	14.66	ng/ul#	90
94) Benzo(g,h,i)perylene	26.17	276	596642	52.56	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 06 05:18:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
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Quant Time: Aug 06 05:18:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
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