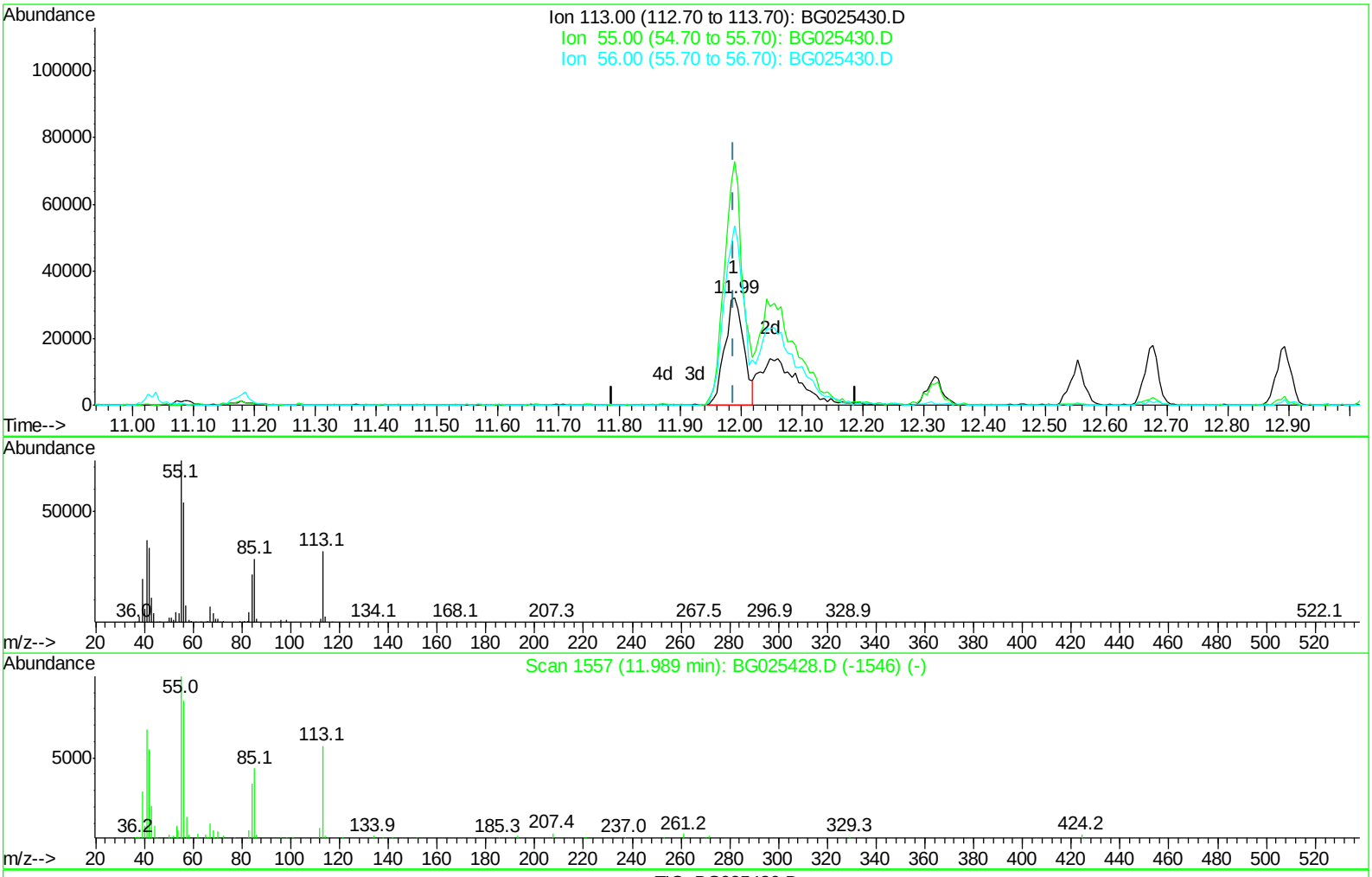
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:48:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration



TIC: BG025430.D

(32) Caprolactam

11.989min (+0.000) 39.18ng/ul

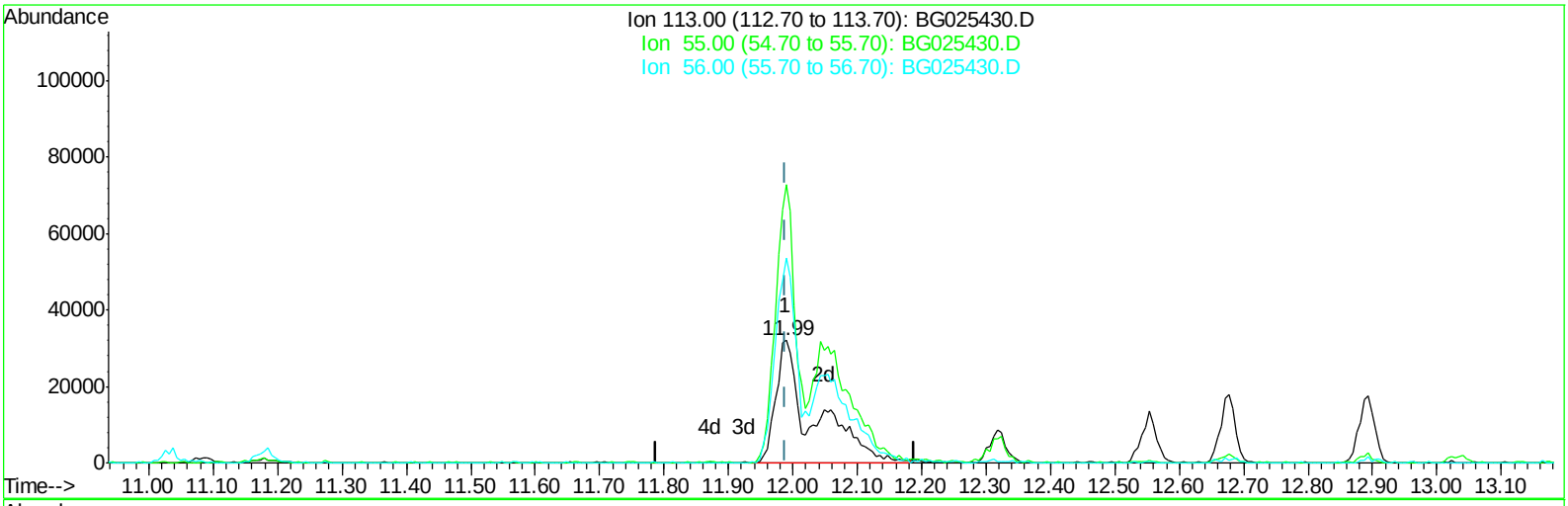
response 70229

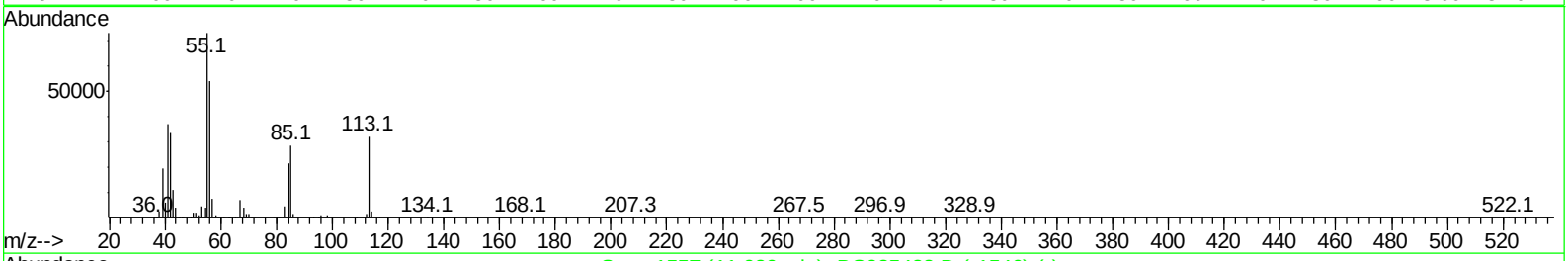
Ion	Exp%	Act%
113.00	100	100
55.00	210.70	227.06
56.00	160.60	167.62
0.00	0.00	0.00

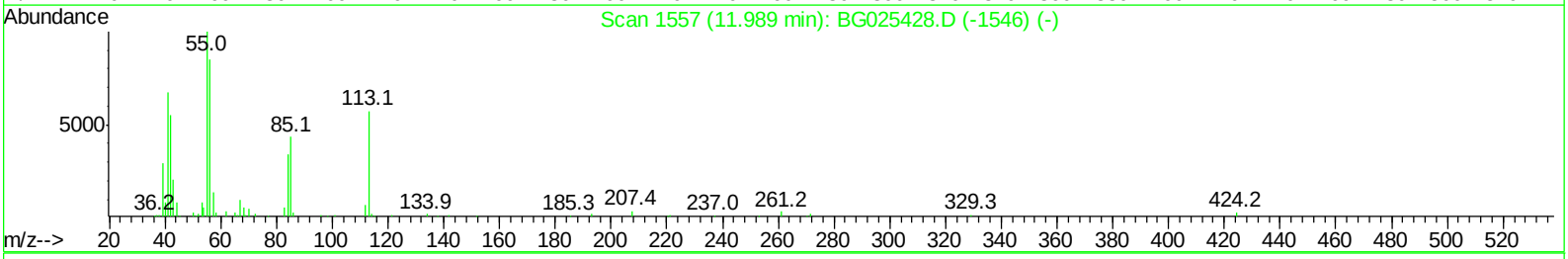
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:48:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration







TIC: BG025430.D

(32) Caprolactam

11.989min (+0.000) 73.08ng/ul m

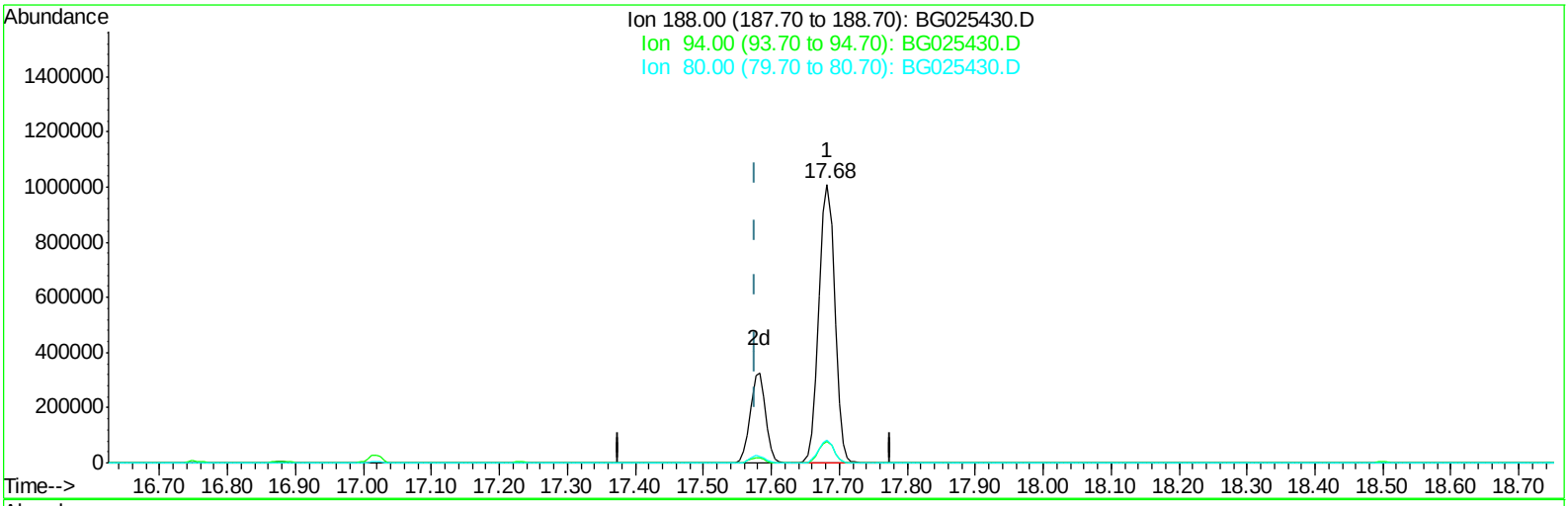
response 130992

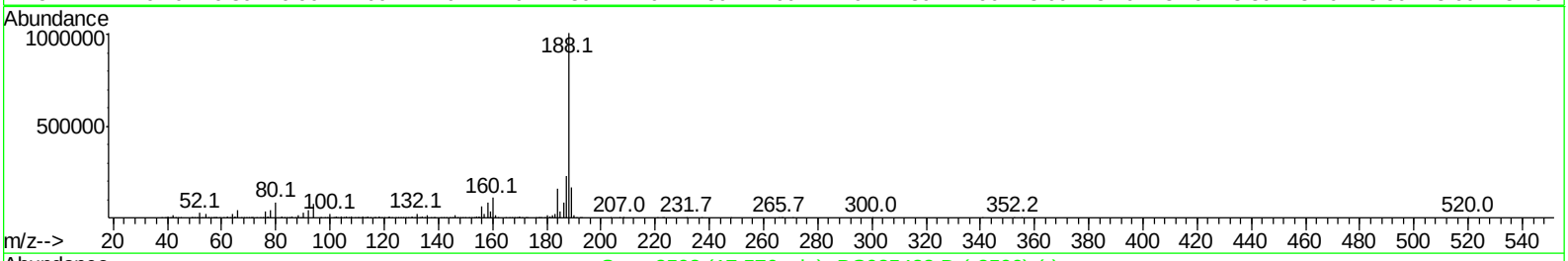
Ion	Exp%	Act%
113.00	100	100
55.00	210.70	227.06
56.00	160.60	167.62
0.00	0.00	0.00

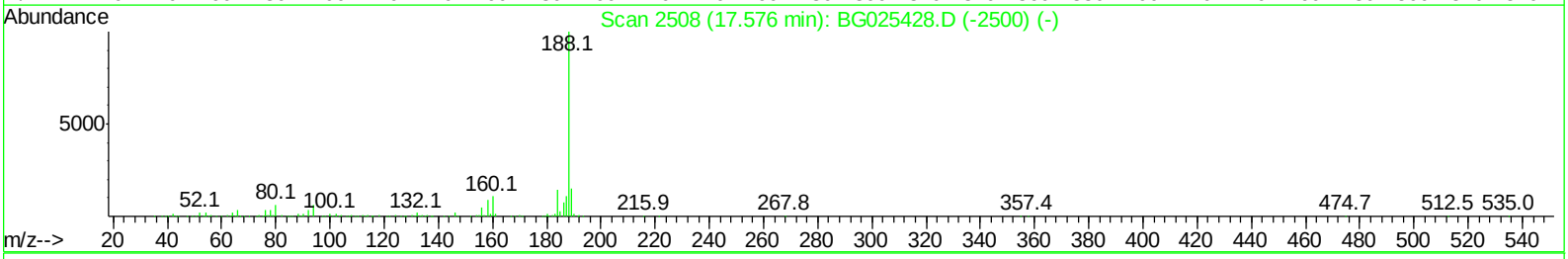
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:48:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration







TIC: BG025430.D

(61) Phenanthrene-d10 (I)

17.682min (+0.106) 20.00ng/ul

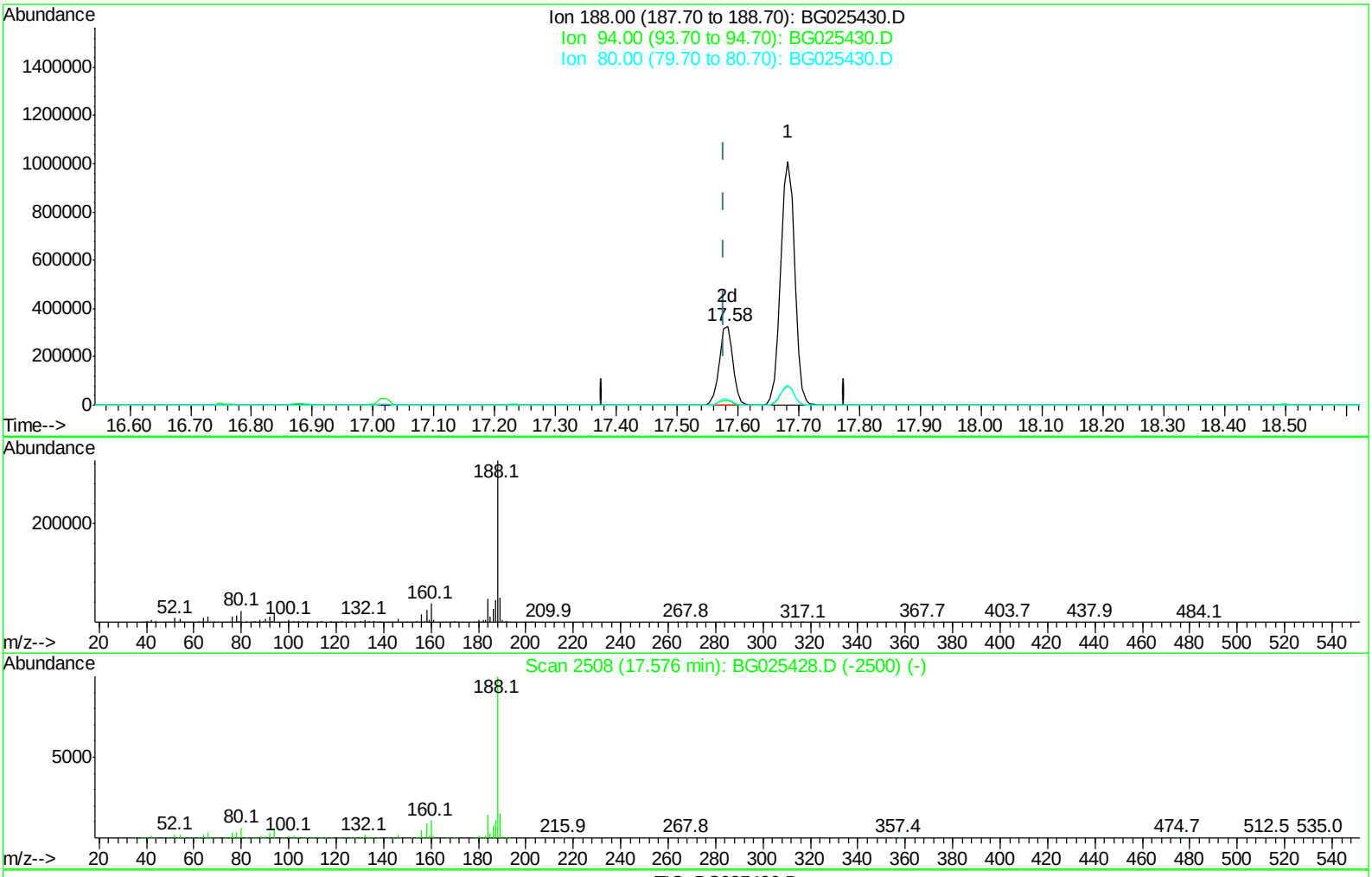
response 1635642

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.63
80.00	9.50	8.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:48:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration



TIC: BG025430.D

(61) Phenanthrene-d10 (I)

17.583min (+0.006) 20.00ng/ul m

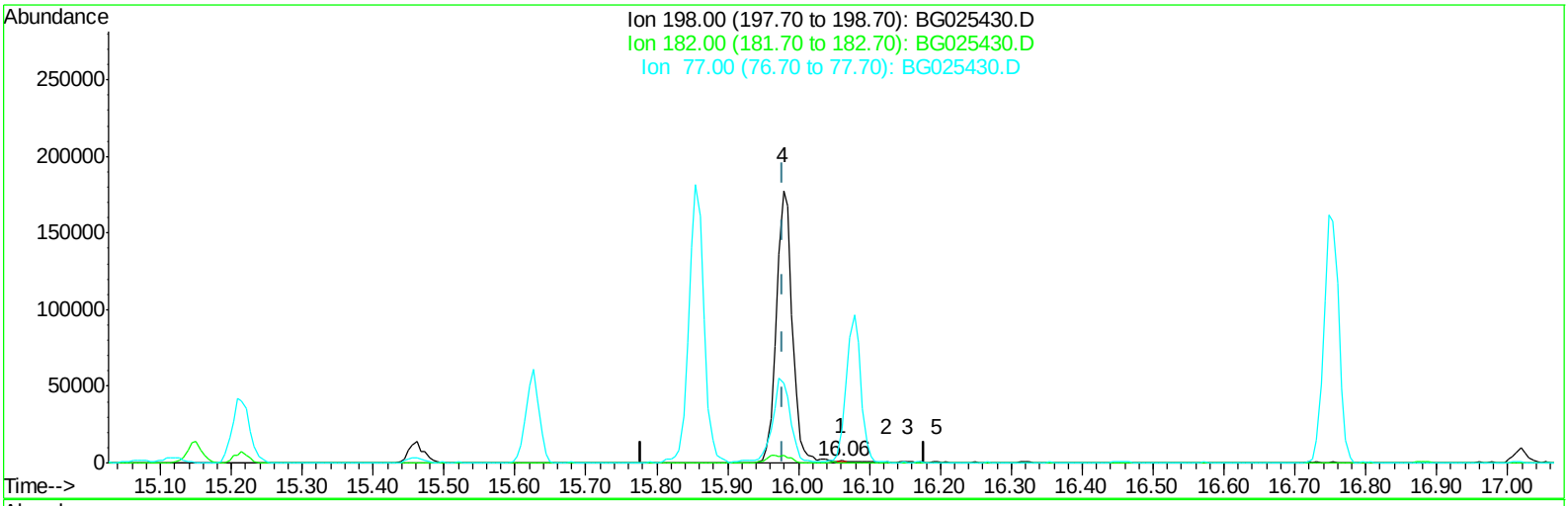
response 501492

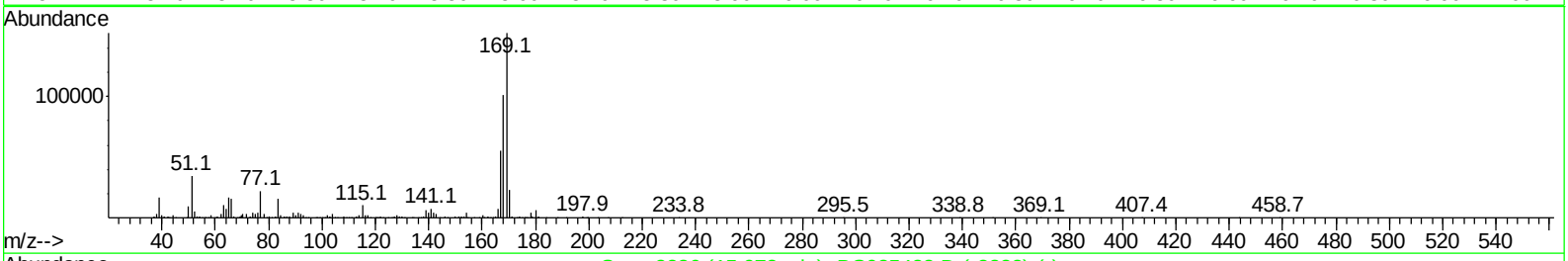
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	5.26#
80.00	9.50	7.14#
0.00	0.00	0.00

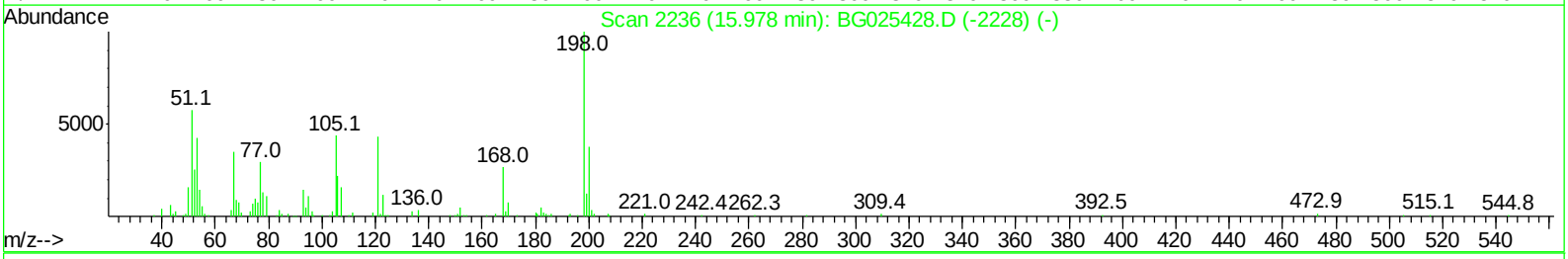
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:59:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration







TIC: BG025430.D

(63) 4,6-Dinitro-2-methylphenol

16.061min (+0.083) 0.10ng/ul

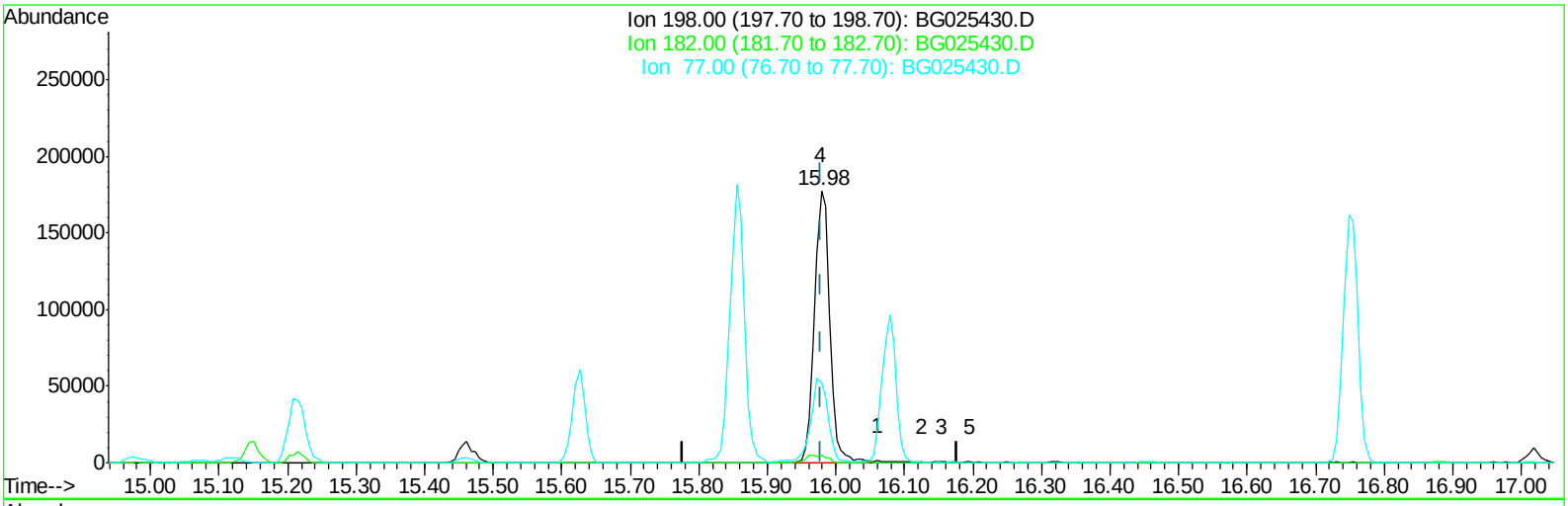
response 308

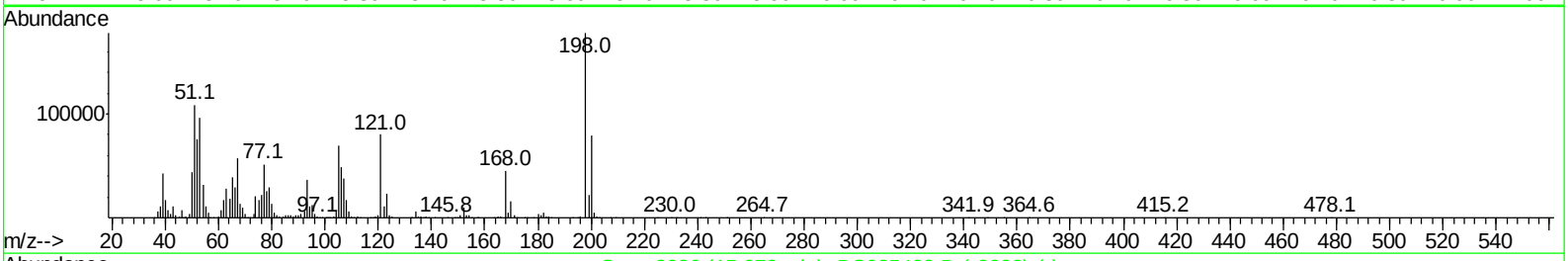
Ion	Exp%	Act%
198.00	100	100
182.00	6.10	0.00#
77.00	28.00	1625.38#
0.00	0.00	0.00

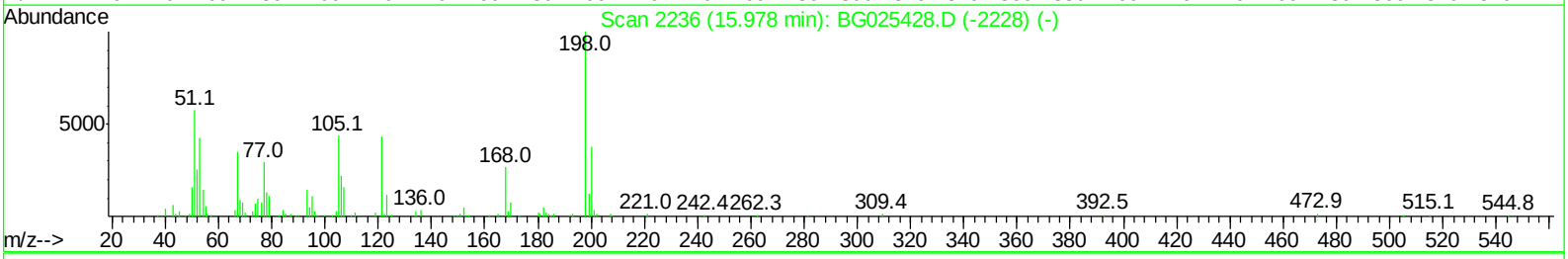
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:59:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration







TIC: BG025430.D

(63) 4,6-Dinitro-2-methylphenol

15.979min (+0.000) 85.61ng/ul m

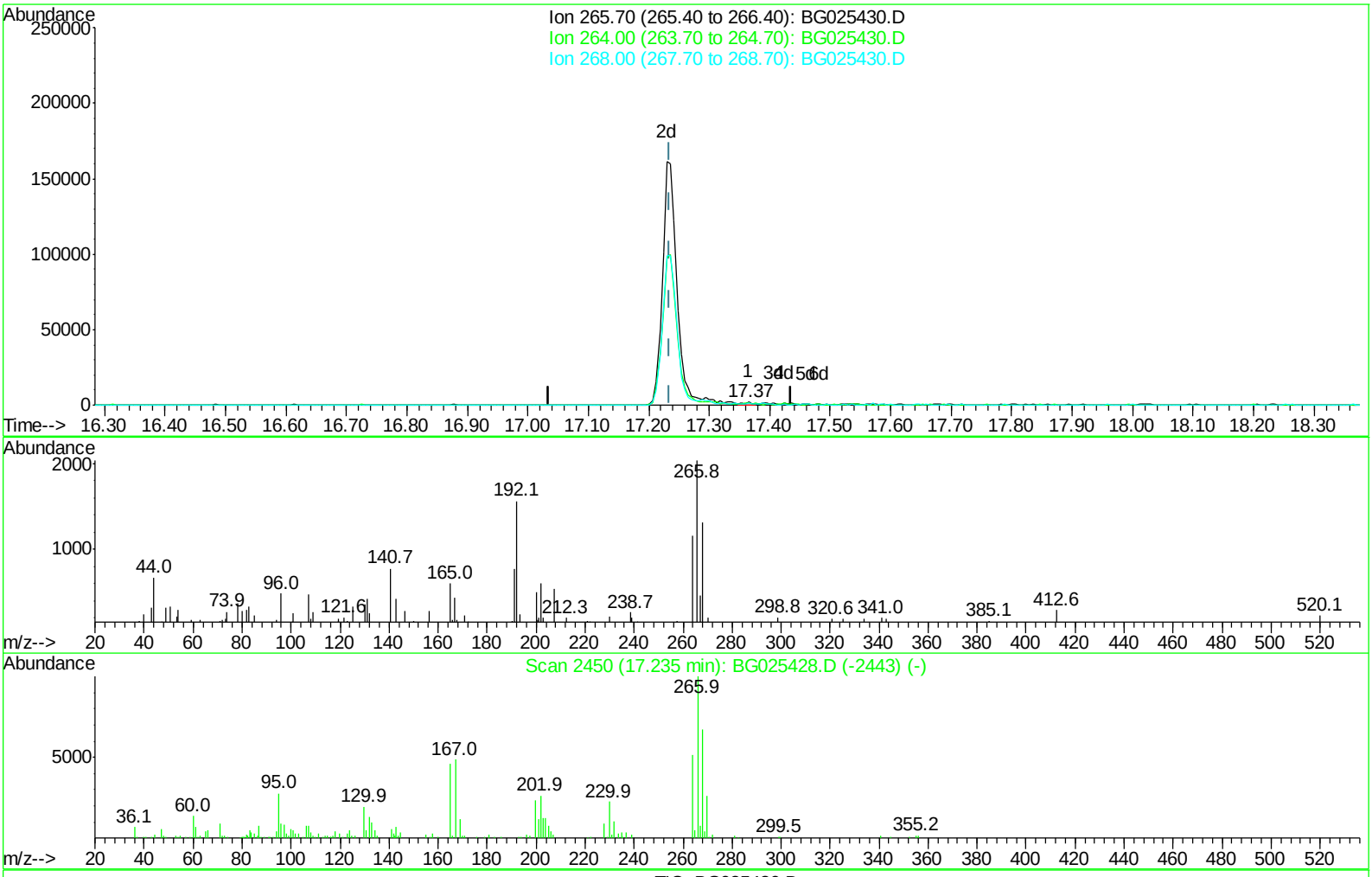
response 274965

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	2.80#
77.00	28.00	29.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:59:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration



TIC: BG025430.D

(68) Pentachlorophenol (C)

17.365min (+0.130) 0.47ng/ul

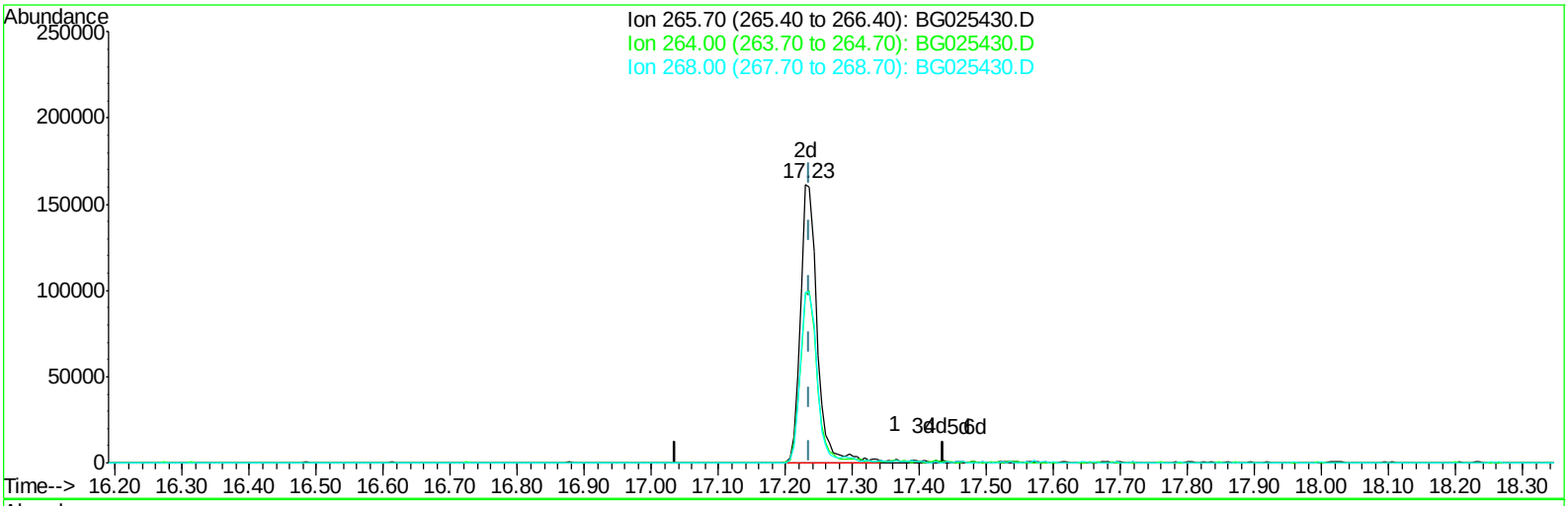
response 1813

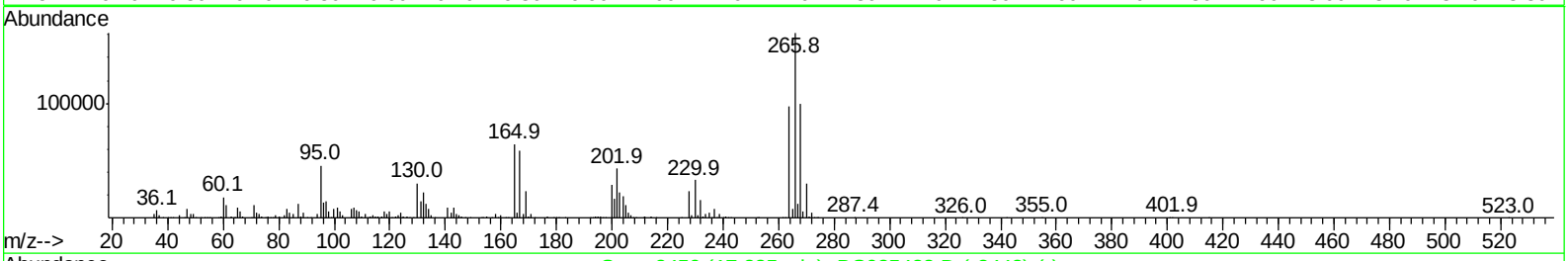
Ion	Exp%	Act%
265.70	100	100
264.00	58.90	56.69
268.00	70.30	64.31
0.00	0.00	0.00

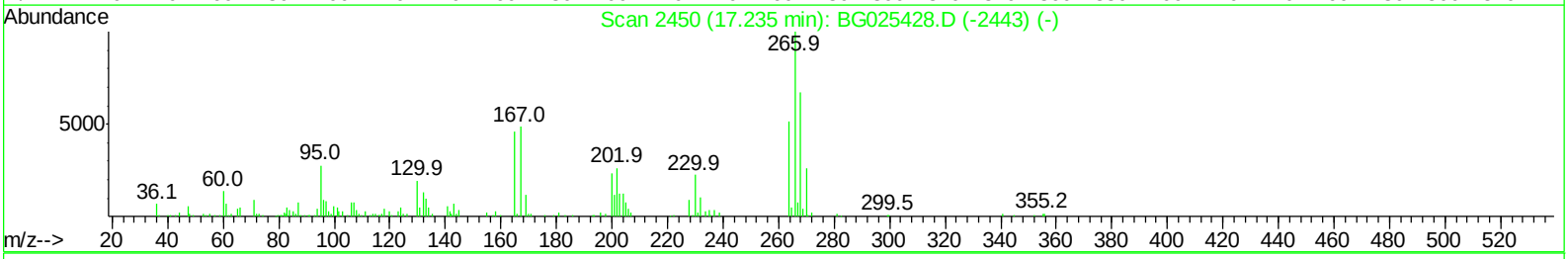
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:59:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration







TIC: BG025430.D

(68) Pentachlorophenol (C)

17.230min (-0.005) 72.08ng/ul m

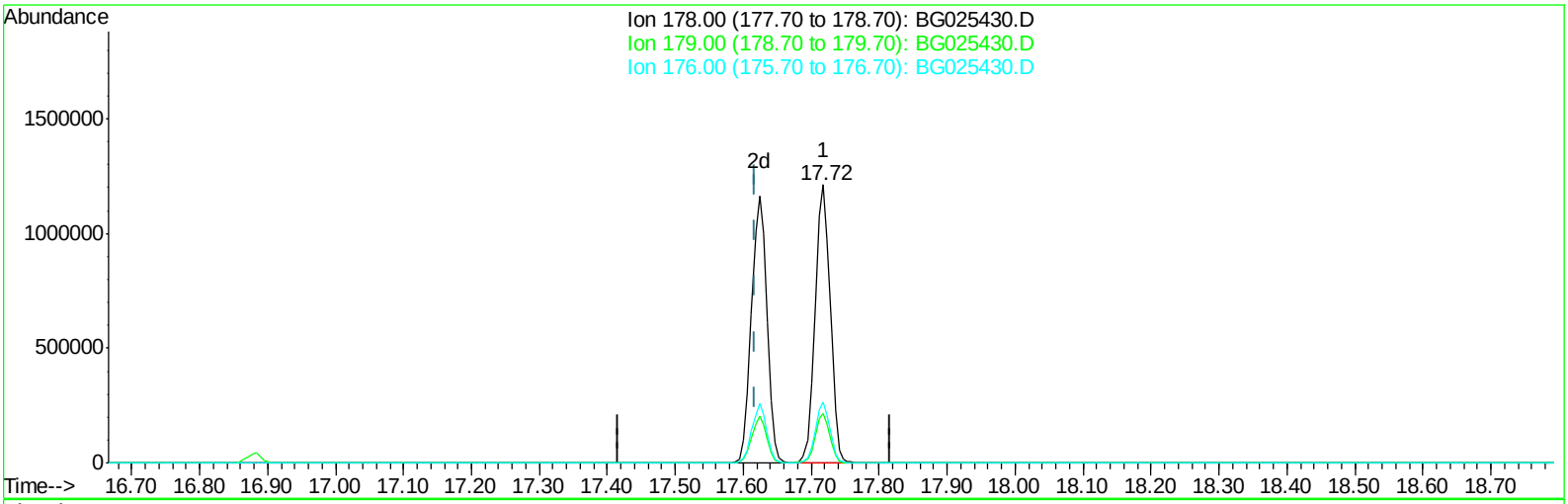
response 276041

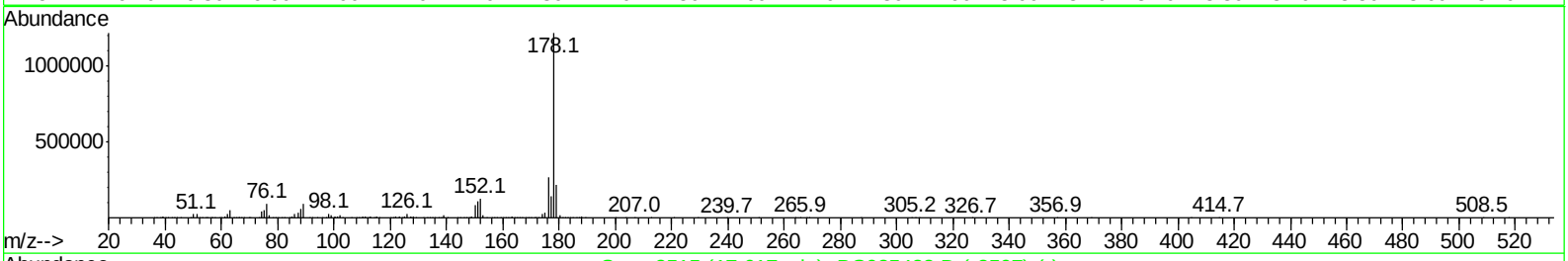
Ion	Exp%	Act%
265.70	100	100
264.00	58.90	60.35
268.00	70.30	61.43
0.00	0.00	0.00

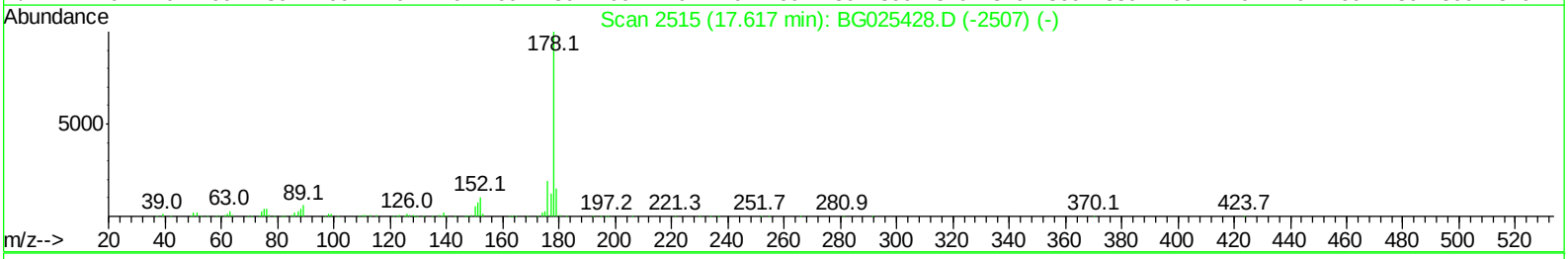
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:59:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration







TIC: BG025430.D

(69) Phenanthrene

17.718min (+0.100) 78.20ng/ul

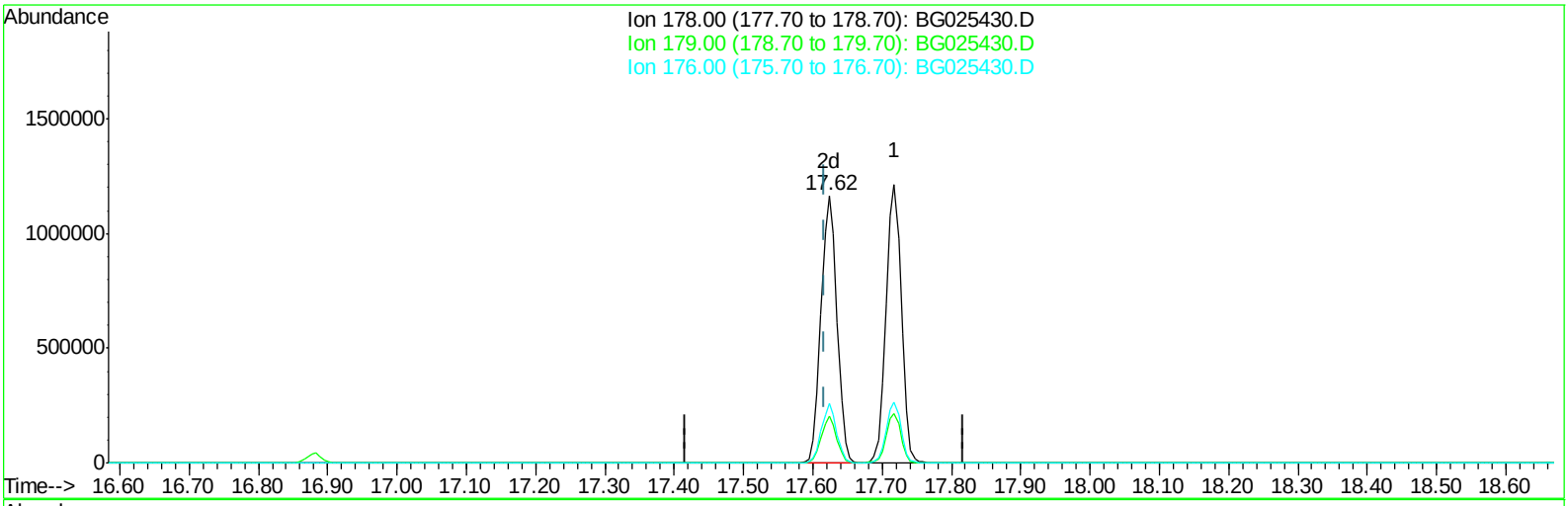
response 1871833

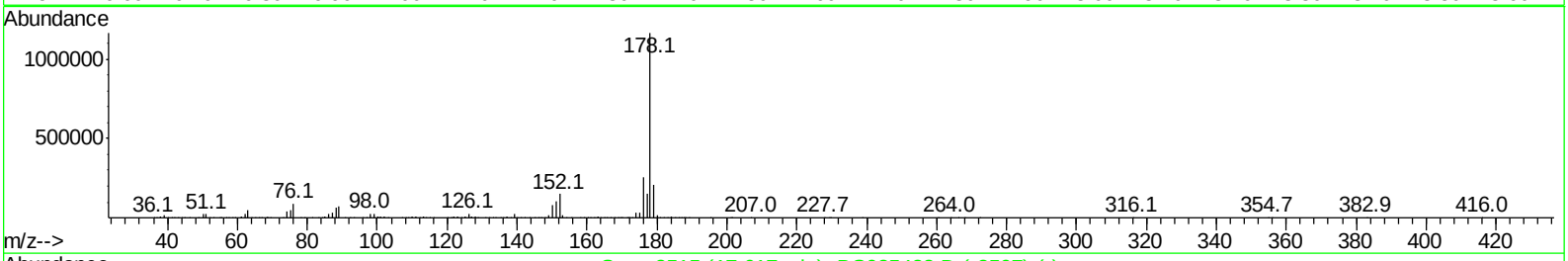
Ion	Exp%	Act%
178.00	100	100
179.00	15.50	17.63
176.00	20.60	21.71
0.00	0.00	0.00

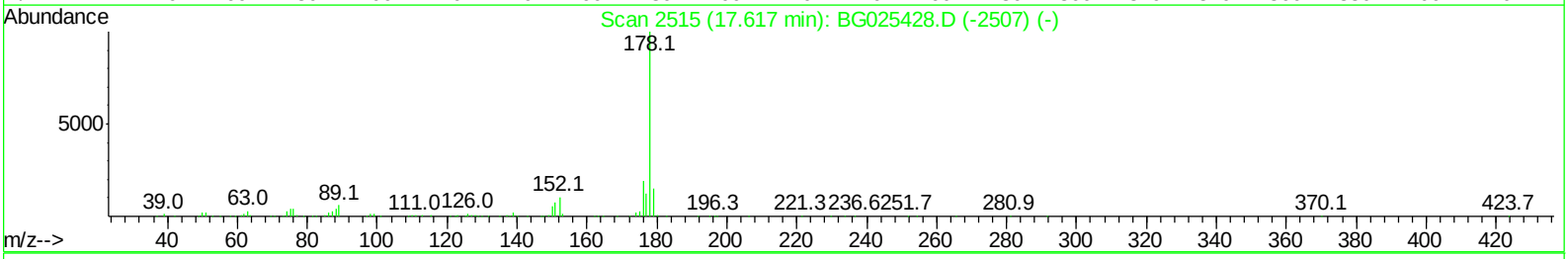
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:59:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration







TIC: BG025430.D

(69) Phenanthrene

17.624min (+0.006) 77.26ng/ul m

response 1849280

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	17.72
176.00	20.60	22.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 14:01:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	63567	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	261846	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	215766	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	501492m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	673004	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	711112	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	38133	30.99	ng/uL	0.00
5) Phenol-d5	7.37	99	423466	77.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	271709	80.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	310354	80.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	357553	78.02	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	161762	87.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	192345	83.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	385225	86.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	378625	86.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	1171802	78.95	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	1319677	81.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	179809	70.49	ng/ul	0.00
57) Fluorene-d10	15.83	176	1093302	78.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	274560	88.55	ng/ul	0.00
70) Anthracene-d10	17.68	188	1636057	77.29	ng/ul	0.00
76) Pyrene-d10	19.96	212	2042688	73.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	2385631	82.80	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	41549	25.92	ng/uL#	80
4) Benzaldehyde	7.35	77	294312	71.29	ng/ul	92
6) Phenol	7.39	94	442317	78.58	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.62	93	314929	76.46	ng/ul	95
10) 2-Chlorophenol	7.77	128	308634	80.05	ng/ul	96
11) 2-Methylphenol	8.65	108	330132	79.66	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.73	45	584424	83.44	ng/ul#	97
14) Acetophenone	9.05	105	535088	76.72	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.02	70	330690	82.09	ng/ul#	90
16) 4-Methylphenol	8.99	108	355282	77.06	ng/ul	99
17) Hexachloroethane	9.29	117	148974	87.22	ng/ul	91
20) Nitrobenzene	9.43	77	499010	87.58	ng/ul	97
21) Isophorone	9.95	82	892600	82.78	ng/ul	99
23) 2-Nitrophenol	10.14	139	200697	85.59	ng/ul	93
24) 2,4-Dimethylphenol	10.20	107	454666	84.79	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.42	93	456210	83.02	ng/ul	94
27) 2,4-Dichlorophenol	10.68	162	360672	83.56	ng/ul	96
28) Naphthalene	11.08	128	1005714	82.63	ng/ul	95
30) 4-Chloroaniline	11.20	127	389546	87.22	ng/ul	92
31) Hexachlorobutadiene	11.34	225	325520	87.72	ng/ul	90
32) Caprolactam	11.99	113	130992m	73.08	ng/ul	
33) 4-Chloro-3-methylphenol	12.32	107	419276	78.81	ng/ul	100
34) 2-Methylnaphthalene	12.68	142	764409	79.58	ng/ul	94

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 14:01:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	571839	87.93 ng/ul	99
37) Hexachlorocyclopentadiene	13.00	237	282173	73.92 ng/ul	99
38) 2,4,6-Trichlorophenol	13.28	196	342202	83.77 ng/ul	85
39) 2,4,5-Trichlorophenol	13.36	196	362094	80.87 ng/ul	98
40) 1,1'-Biphenyl	13.67	154	1075317	82.20 ng/ul	99
41) 2-Chloronaphthalene	13.72	162	859213	82.51 ng/ul	95
42) 2-Nitroaniline	13.94	65	359251	88.13 ng/ul	97
44) Dimethylphthalate	14.28	163	1134235	77.76 ng/ul	98
45) 2,6-Dinitrotoluene	14.42	165	258660	82.53 ng/ul	90
47) Acenaphthylene	14.56	152	1250435	79.12 ng/ul	98
48) 3-Nitroaniline	14.76	138	206779	76.18 ng/ul#	95
49) Acenaphthene	14.90	153	903925	83.49 ng/ul	99
50) 2,4-Dinitrophenol	14.97	184	165786	81.41 ng/ul	90
52) 4-Nitrophenol	15.08	109	251945	82.12 ng/ul	97
53) Dibenzofuran	15.23	168	1338566	78.16 ng/ul	98
54) 2,4-Dinitrotoluene	15.21	165	377795	79.98 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.46	232	373169	78.88 ng/ul	96
56) Diethylphthalate	15.63	149	1173342	75.97 ng/ul	94
58) Fluorene	15.88	166	1085044	77.83 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.86	204	627904	79.98 ng/ul	91
60) 4-Nitroaniline	15.93	138	213661	65.27 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.98	198	274965m	85.61 ng/ul	
64) N-Nitrosodiphenylamine	16.08	169	1015335	78.70 ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	480176	84.77 ng/ul	94
66) Hexachlorobenzene	16.88	284	535142	83.91 ng/ul	95
67) Atrazine	17.02	200	490033	79.90 ng/ul	98
68) Pentachlorophenol	17.23	266	276041m	72.08 ng/ul	
69) Phenanthrene	17.62	178	1849280m	77.26 ng/ul	
71) Anthracene	17.72	178	1870944	76.03 ng/ul	96
72) Carbazole	17.99	167	1646017	80.17 ng/ul	95
73) Di-n-butylphthalate	18.50	149	1976395	76.25 ng/ul	97
74) Fluoranthene	19.62	202	2318636	81.52 ng/ul	100
77) Pyrene	19.99	202	2282304	70.54 ng/ul	99
78) Butylbenzylphthalate	20.83	149	996595	78.68 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.76	252	981226	83.63 ng/ul#	93
80) Benzo(a)anthracene	21.85	228	2627527	75.15 ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.70	149	1424605	81.71 ng/ul	96
82) Chrysene	21.92	228	2491723	76.19 ng/ul	94
84) Di-n-octyl phthalate	22.95	149	2434566	84.32 ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	2859751	81.10 ng/ul	97
86) Benzo(k)fluoranthene	24.26	252	2682088	80.02 ng/ul	96
88) Benzo(a)pyrene	25.13	252	2738850	80.78 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.24	276	3577759	84.91 ng/ul	95
90) Dibenzo(a,h)anthracene	29.28	278	2995997	84.39 ng/ul	98
91) Benzo(g,h,i)perylene	30.47	276	2968722	84.42 ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 14:01:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 04 13:29:07 2017
Response via : Initial Calibration