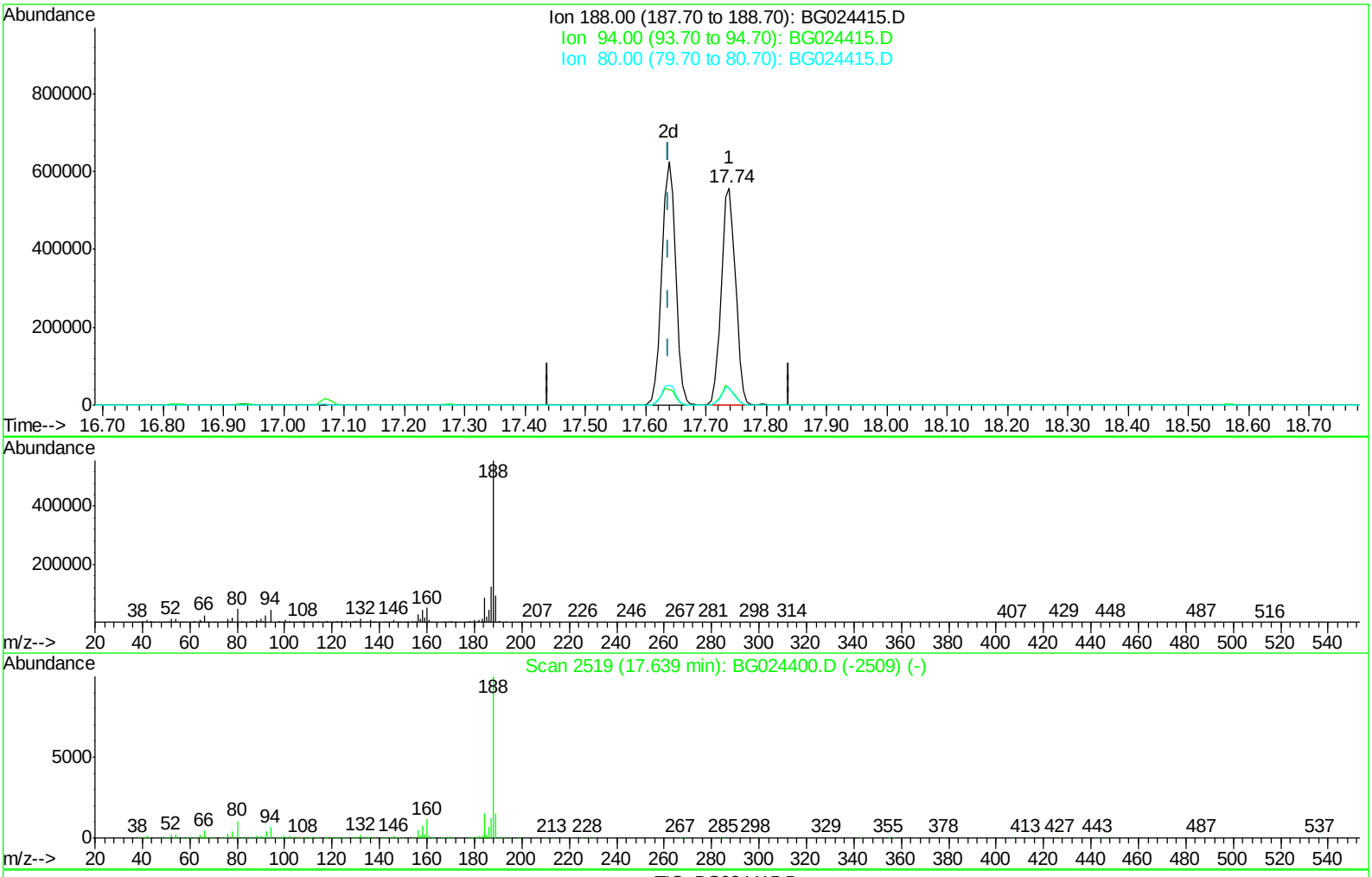
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101716\
Data File : BG024415.D
Acq On : 18 Oct 2016 11:40
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 12:23:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration



TIC: BG024415.D

(61) Phenanthrene-d10 (I)

17.738min (+0.100) 20.00ng/ul

response 912041

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.78
80.00	9.50	8.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101716\
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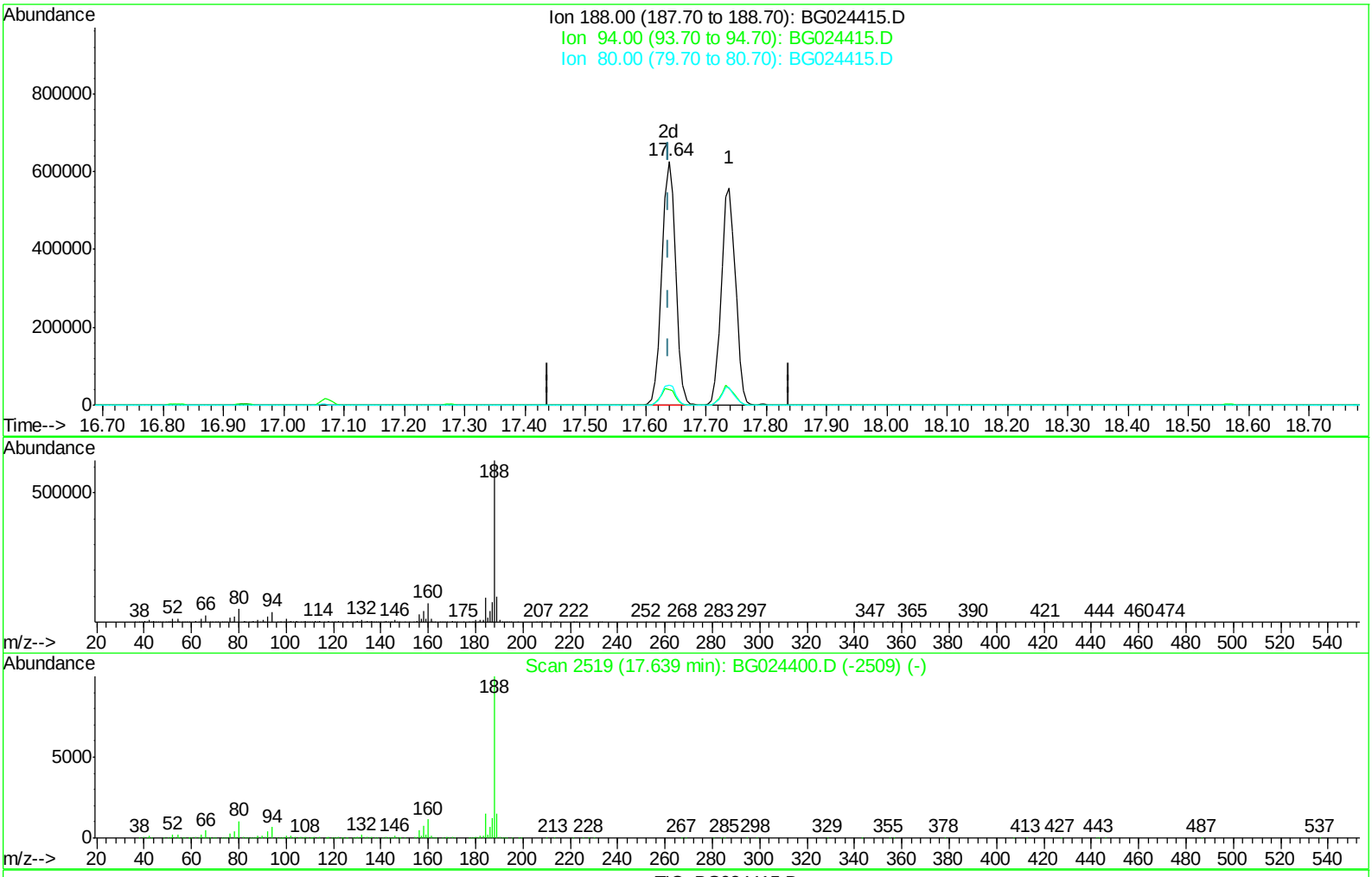
Acq On : 18 Oct 2016 11:40
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 12:23:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration



TIC: BG024415.D

(61) Phenanthrene-d10 (I)

17.639min (-0.000) 20.00ng/ul m

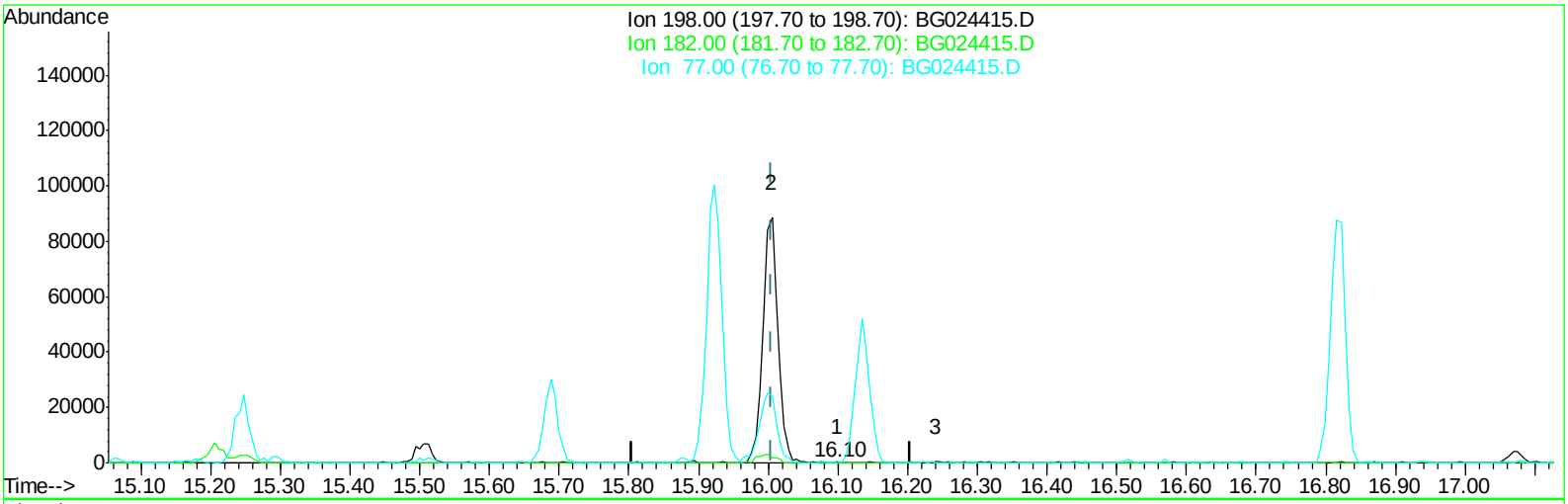
response 995008

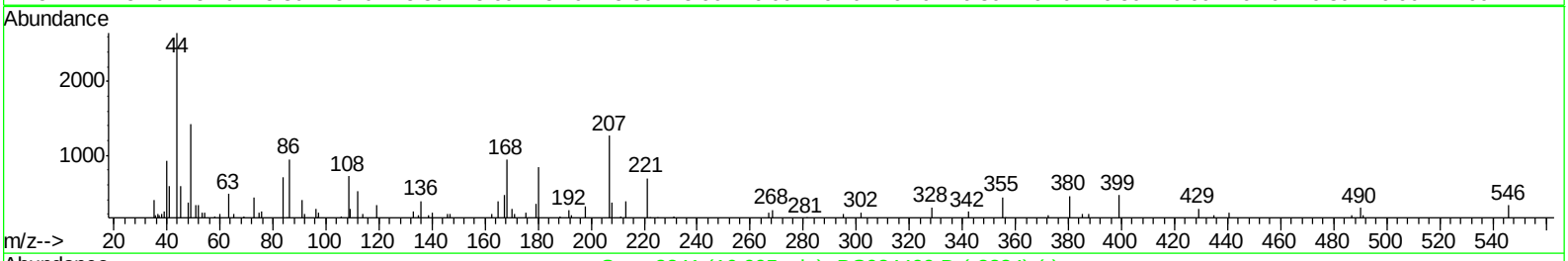
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.55#
80.00	9.50	8.26
0.00	0.00	0.00

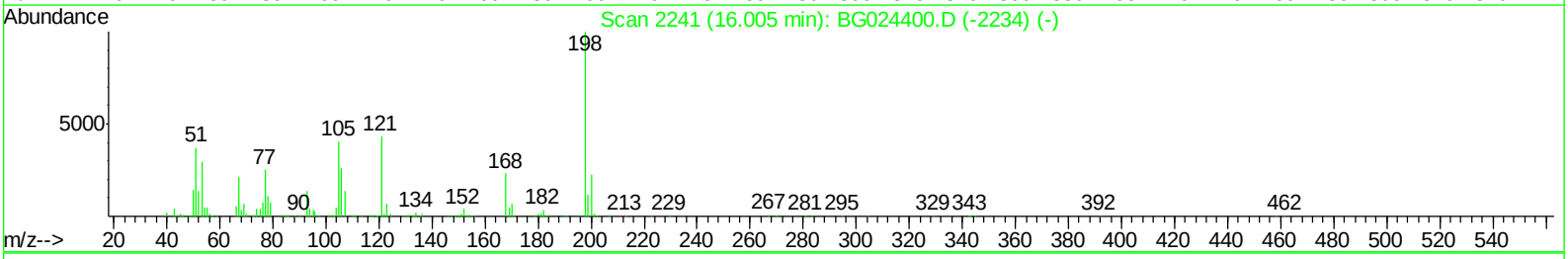
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101716\
Data File : BG024415.D
Acq On : 18 Oct 2016 11:40
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 12:25:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration







TIC: BG024415.D

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

16.099min (+0.094) 0.04ng/ul

response 243

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

Quantitation Report (Qedit)

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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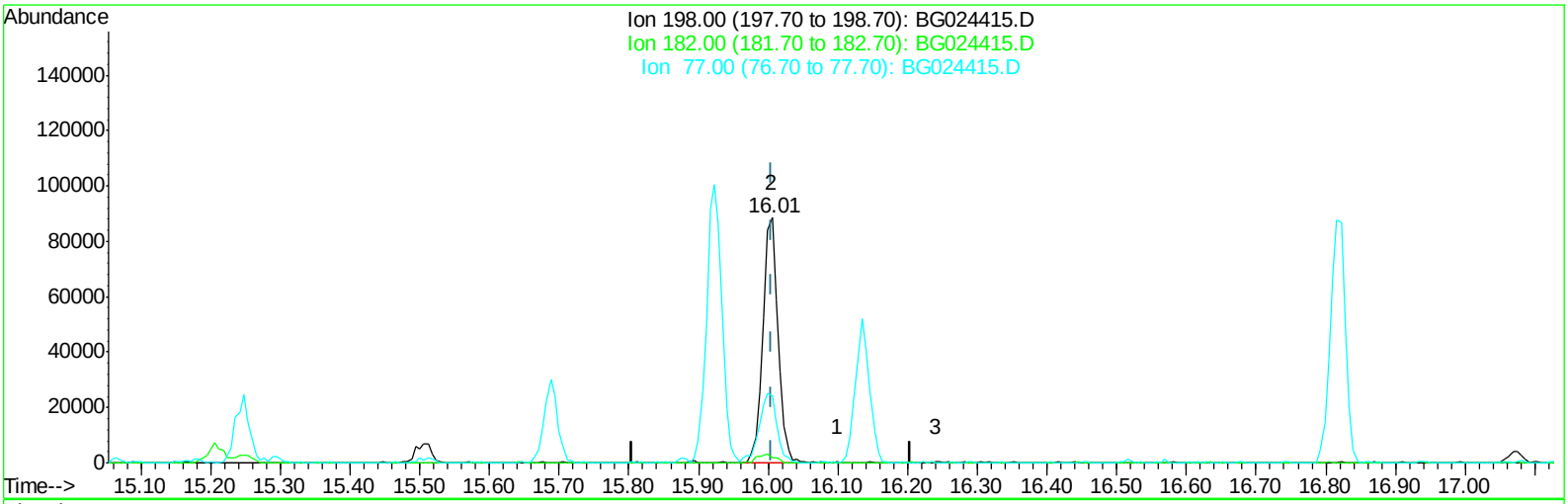
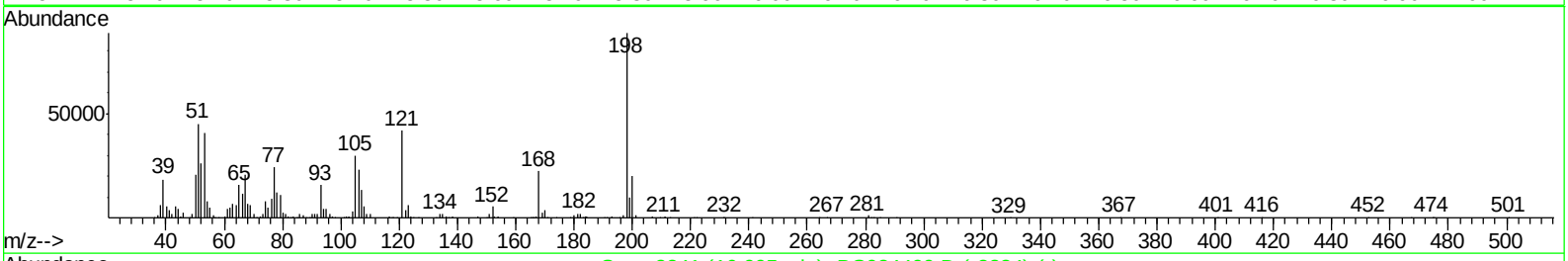
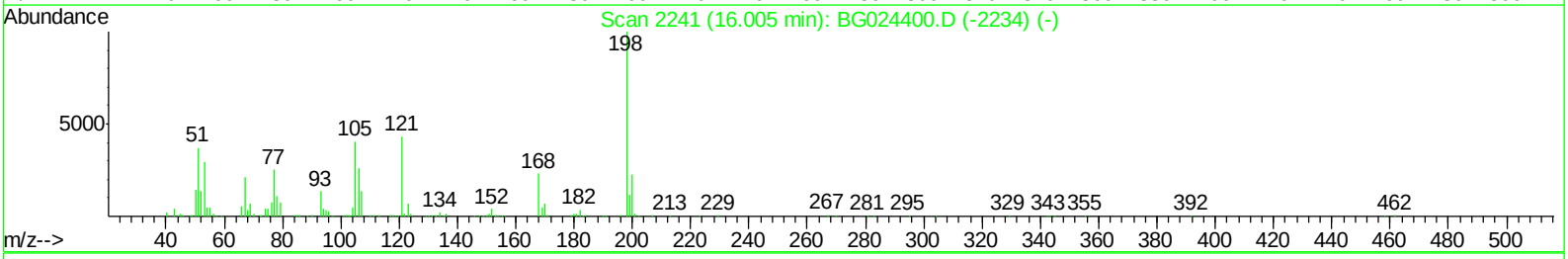
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration







TIC: BG024415.D

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

16.005min (-0.000) 21.18ng/ul m

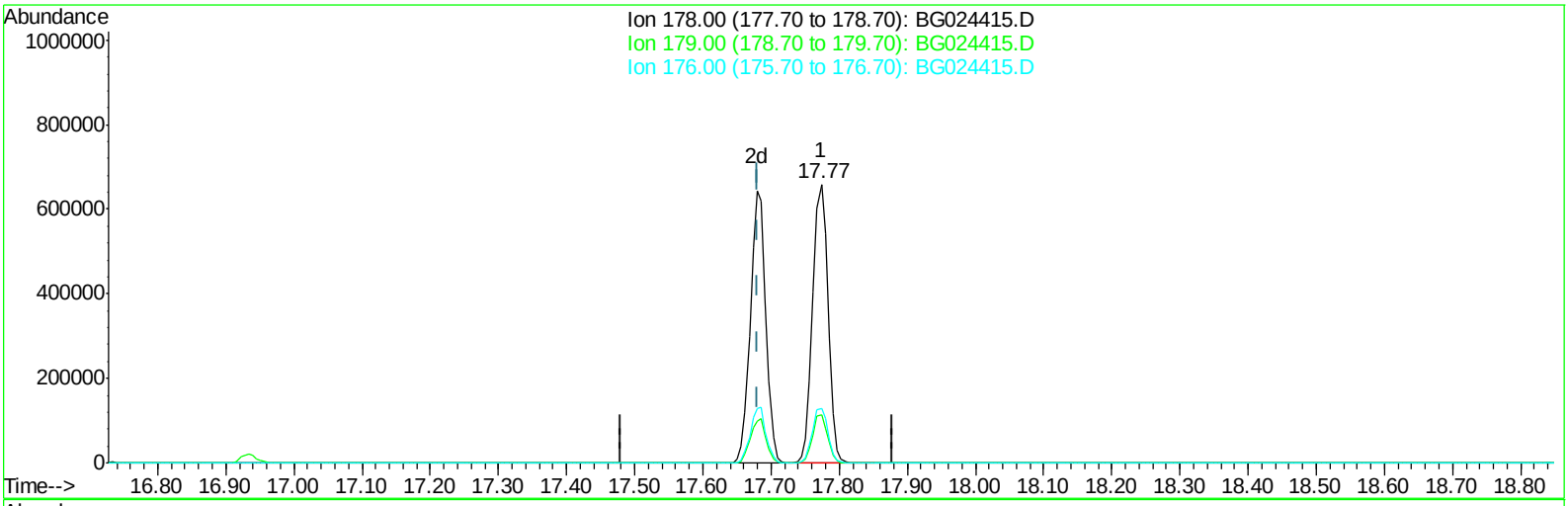
response 132774

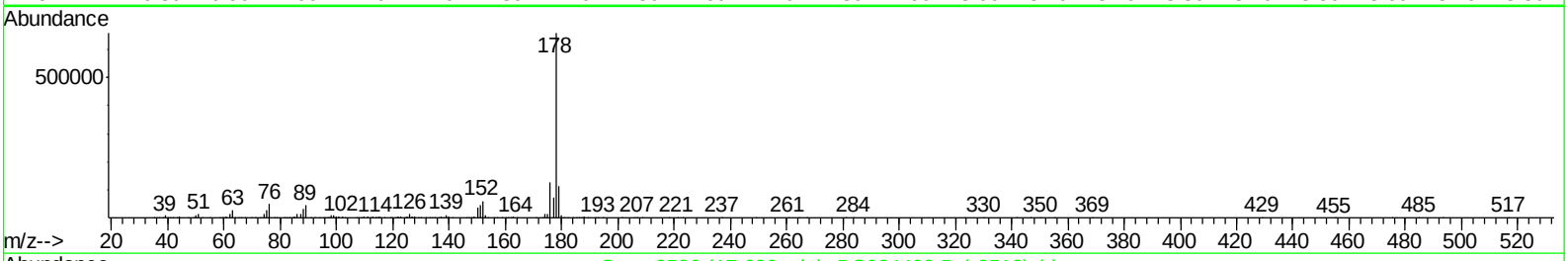
Ion	Exp%	Act%
198.00	100	100
182.00	6.10	2.23#
77.00	28.00	27.22
0.00	0.00	0.00

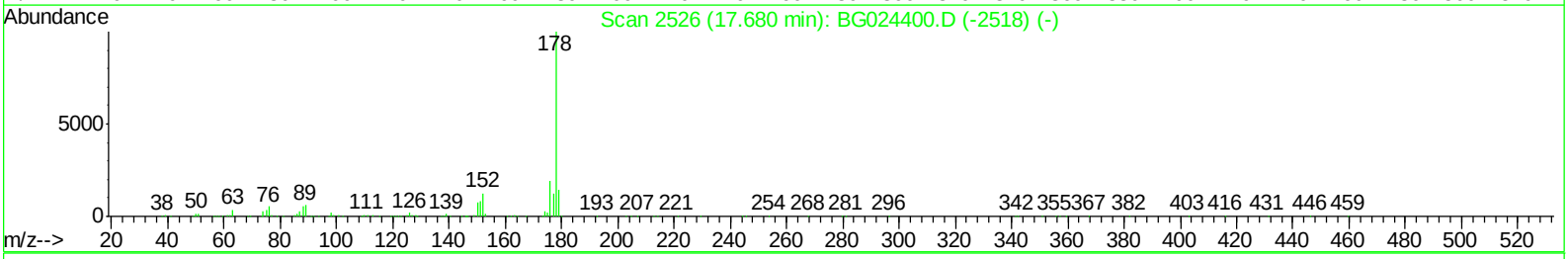
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101716\
Data File : BG024415.D
Acq On : 18 Oct 2016 11:40
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 12:25:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration







TIC: BG024415.D

(69) Phenanthrene

17.774min (+0.094) 20.53ng/ul

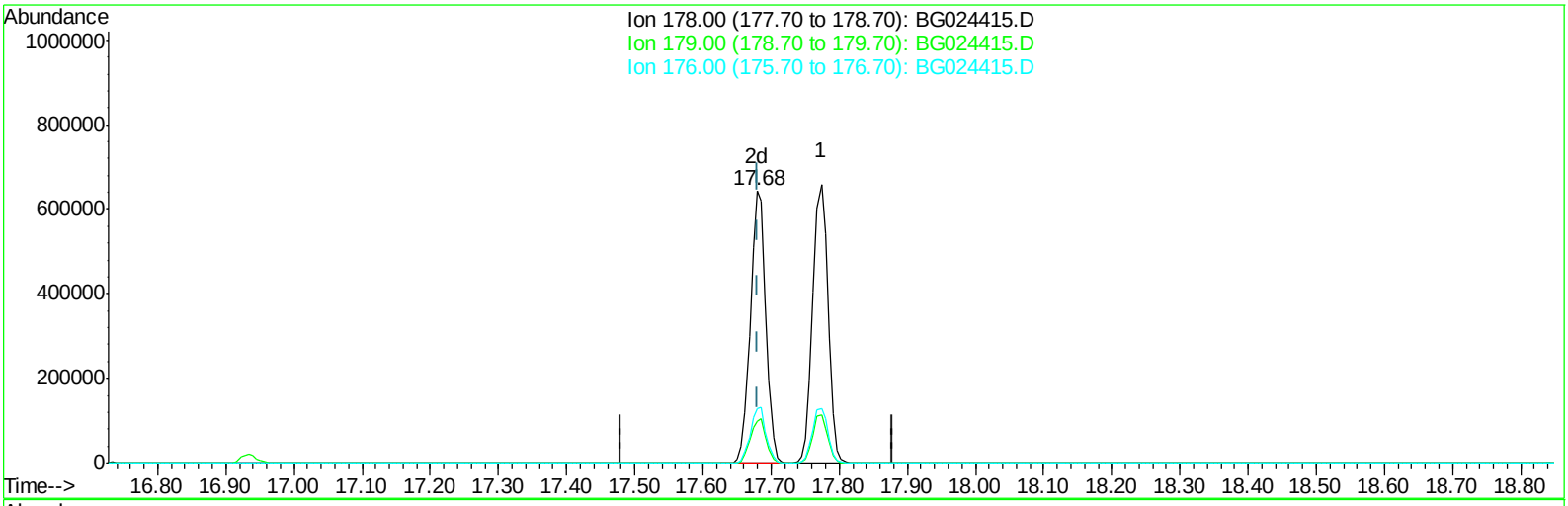
response 1031171

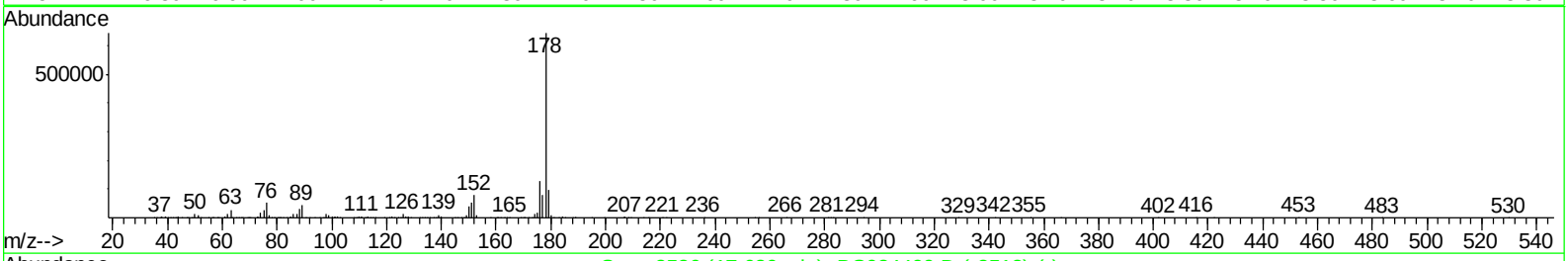
Ion	Exp%	Act%
178.00	100	100
179.00	15.50	17.37
176.00	20.60	19.54
0.00	0.00	0.00

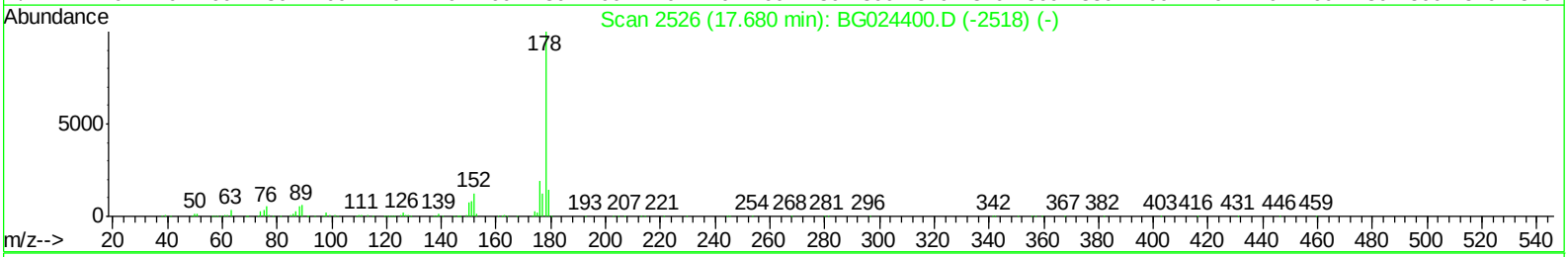
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101716\
Data File : BG024415.D
Acq On : 18 Oct 2016 11:40
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 12:25:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration







TIC: BG024415.D

(69) Phenanthrene

17.680min (-0.000) 20.35ng/ul m

response 1022488

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.33
176.00	20.60	20.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101716\
Data File : BG024415.D
Acq On : 18 Oct 2016 11:40
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 12:26:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	119559	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	560810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	468057	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	995008m	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1088338	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1139483	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	19305	7.67	ng/uL	0.00
5) Phenol-d5	7.41	99	233609	20.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	152317	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	160481	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	190738	21.15	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	89058	22.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	107244	24.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	194522	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	233019	22.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	654677	20.03	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	772344	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	111385	19.22	ng/ul	0.00
57) Fluorene-d10	15.88	176	640075	20.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	125355	20.96	ng/ul	0.00
70) Anthracene-d10	17.74	188	912616	20.31	ng/ul	0.00
76) Pyrene-d10	20.01	212	1060475	20.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1031959	20.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	25588	9.38	ng/uL	88
4) Benzaldehyde	7.42	77	174044	22.17	ng/ul	97
6) Phenol	7.44	94	246694	21.79	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.69	93	167853	20.14	ng/ul	98
10) 2-Chlorophenol	7.84	128	158983	20.42	ng/ul#	89
11) 2-Methylphenol	8.71	108	174151	20.77	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.81	45	315107	18.93	ng/ul	100
14) Acetophenone	9.11	105	293347	21.91	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.08	70	168684	20.89	ng/ul#	92
16) 4-Methylphenol	9.04	108	195970	22.03	ng/ul	90
17) Hexachloroethane	9.38	117	72044	20.01	ng/ul	93
20) Nitrobenzene	9.50	77	262242	20.82	ng/ul#	94
21) Isophorone	10.02	82	461402	20.16	ng/ul	98
23) 2-Nitrophenol	10.21	139	105911	21.83	ng/ul#	83
24) 2,4-Dimethylphenol	10.25	107	240085	20.08	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.49	93	257982	20.56	ng/ul	97
27) 2,4-Dichlorophenol	10.75	162	193790	20.84	ng/ul	97
28) Naphthalene	11.16	128	543106	20.11	ng/ul	98
30) 4-Chloroaniline	11.26	127	235942	22.82	ng/ul	92
31) Hexachlorobutadiene	11.43	225	160756	21.59	ng/ul	95
32) Caprolactam	12.02	113	68408	19.36	ng/ul	87
33) 4-Chloro-3-methylphenol	12.35	107	235749	20.72	ng/ul	93
34) 2-Methylnaphthalene	12.74	142	441546	20.57	ng/ul	95

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 12:26:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 03:43:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	299809	21.72 ng/ul	92
37) Hexachlorocyclopentadiene	13.08	237	205125	20.27 ng/ul	90
38) 2,4,6-Trichlorophenol	13.33	196	185465	20.72 ng/ul	92
39) 2,4,5-Trichlorophenol	13.40	196	206985	21.05 ng/ul	98
40) 1,1'-Biphenyl	13.74	154	619453	20.44 ng/ul	97
41) 2-Chloronaphthalene	13.78	162	492204	20.72 ng/ul	95
42) 2-Nitroaniline	13.98	65	198276	21.92 ng/ul	90
44) Dimethylphthalate	14.34	163	671316	20.95 ng/ul	97
45) 2,6-Dinitrotoluene	14.47	165	138441	22.27 ng/ul	94
47) Acenaphthylene	14.62	152	740942	20.57 ng/ul	97
48) 3-Nitroaniline	14.79	138	121998	20.77 ng/ul#	78
49) Acenaphthene	14.96	153	522451	20.29 ng/ul	99
50) 2,4-Dinitrophenol	14.99	184	85571	20.52 ng/ul	94
52) 4-Nitrophenol	15.08	109	141991	20.22 ng/ul#	84
53) Dibenzofuran	15.29	168	768803	20.29 ng/ul	97
54) 2,4-Dinitrotoluene	15.25	165	200534	21.77 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.51	232	207532	21.50 ng/ul#	97
56) Diethylphthalate	15.69	149	679338	20.11 ng/ul	96
58) Fluorene	15.94	166	632609	20.19 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.92	204	352877	20.29 ng/ul#	85
60) 4-Nitroaniline	15.95	138	131121	19.38 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	16.01	198	132774m	21.18 ng/ul	
64) N-Nitrosodiphenylamine	16.13	169	572156	20.33 ng/ul	97
65) 4-Bromophenyl-phenylether	16.82	248	246057	21.35 ng/ul	90
66) Hexachlorobenzene	16.93	284	273980	21.31 ng/ul	95
67) Atrazine	17.07	200	246146	21.38 ng/ul	96
68) Pentachlorophenol	17.27	266	157254	20.12 ng/ul	87
69) Phenanthrene	17.68	178	1022488m	20.35 ng/ul	
71) Anthracene	17.77	178	1030256	20.15 ng/ul	98
72) Carbazole	18.04	167	861132	21.46 ng/ul	97
73) Di-n-butylphthalate	18.57	149	1040777	21.21 ng/ul	99
74) Fluoranthene	19.67	202	1189379	23.44 ng/ul	98
77) Pyrene	20.04	202	1207253	20.77 ng/ul	99
78) Butylbenzylphthalate	20.90	149	469633	20.11 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.82	252	454665	22.43 ng/ul	99
80) Benzo(a)anthracene	21.92	228	1274561	21.10 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.78	149	665124	20.13 ng/ul	99
82) Chrysene	21.99	228	1189309	20.69 ng/ul	99
84) Di-n-octyl phthalate	23.07	149	1128197	21.10 ng/ul	100
85) Benzo(b)fluoranthene	24.27	252	1266545	20.02 ng/ul	99
86) Benzo(k)fluoranthene	24.35	252	1236502	20.29 ng/ul	99
88) Benzo(a)pyrene	25.21	252	1214691	20.16 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.32	276	1507988	21.13 ng/ul	99
90) Dibenzo(a,h)anthracene	29.39	278	1260613	20.89 ng/ul#	93
91) Benzo(g,h,i)perylene	30.56	276	1222078	20.36 ng/ul	99

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

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