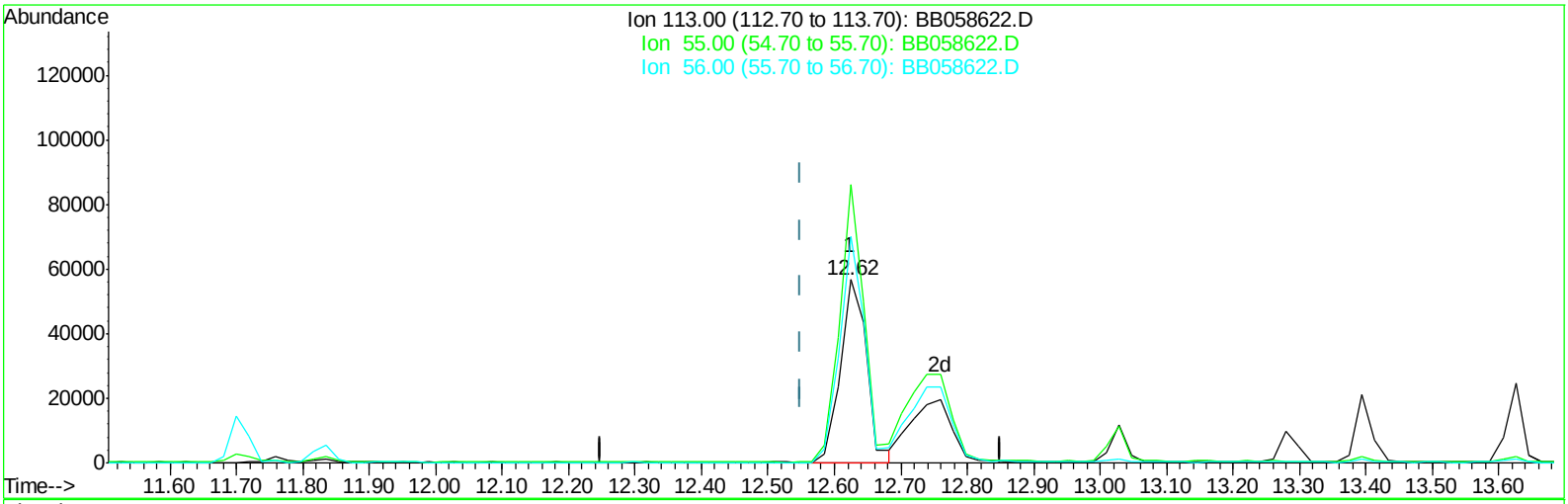
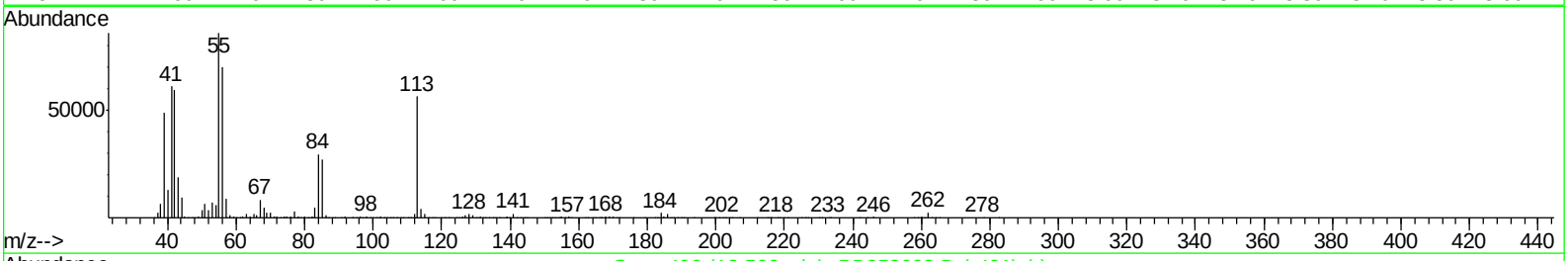
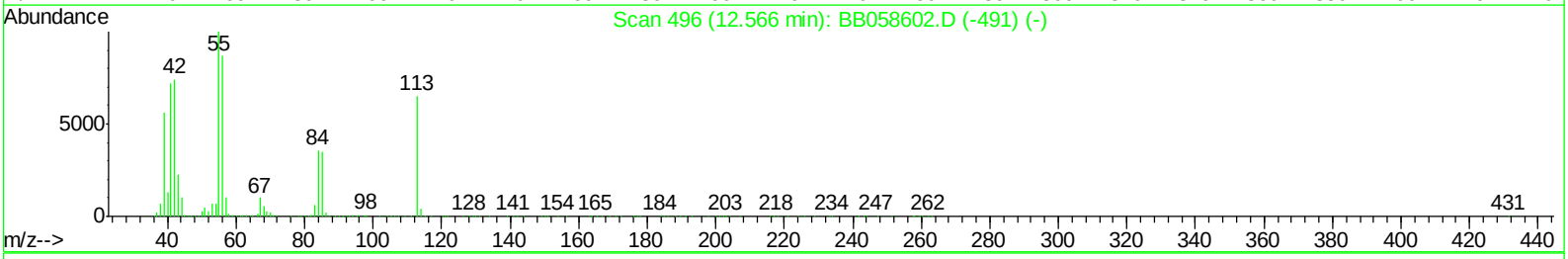
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
Data File : BB058622.D
Acq On : 12 Oct 2016 19:09
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 19:45:23 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 17:30:52 2016
Response via : Initial Calibration







TIC: BB058622.D

(32) Caprolactam

12.624min (+0.075) 14.18ng/ul

response 153707

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	152.18
56.00	121.70	123.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 19:45:23 2016
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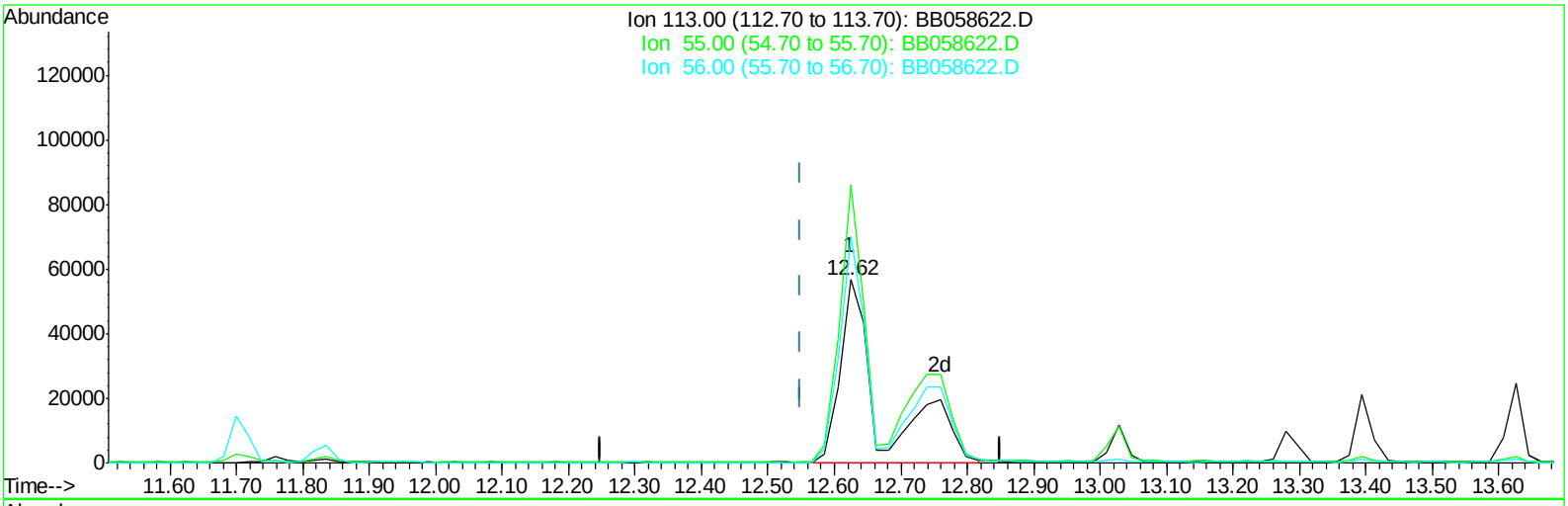
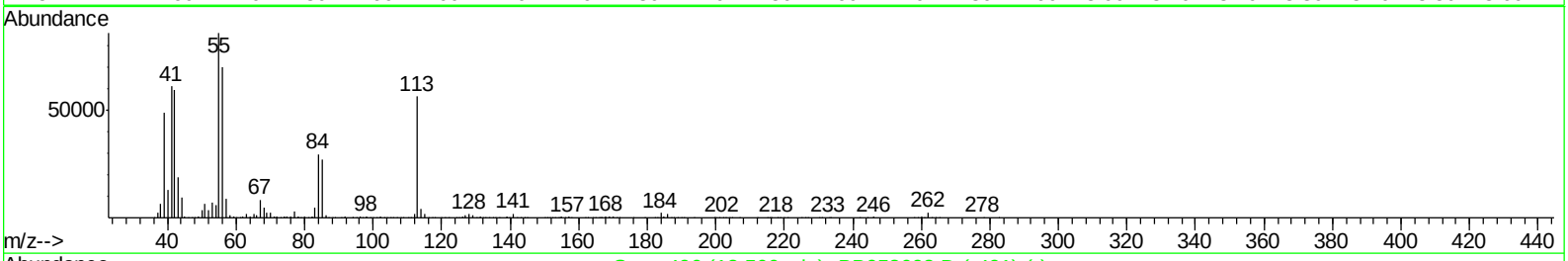
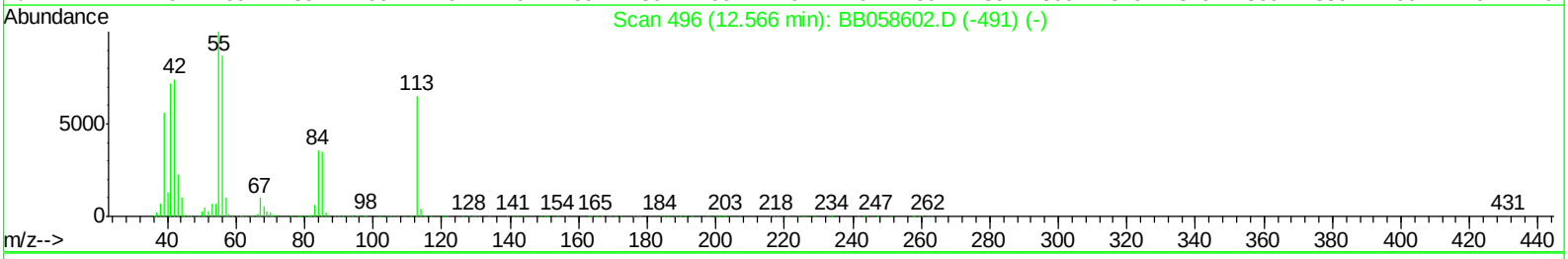
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 17:30:52 2016
Response via : Initial Calibration







TIC: BB058622.D

(32) Caprolactam

12.624min (+0.075) 22.06ng/ul m

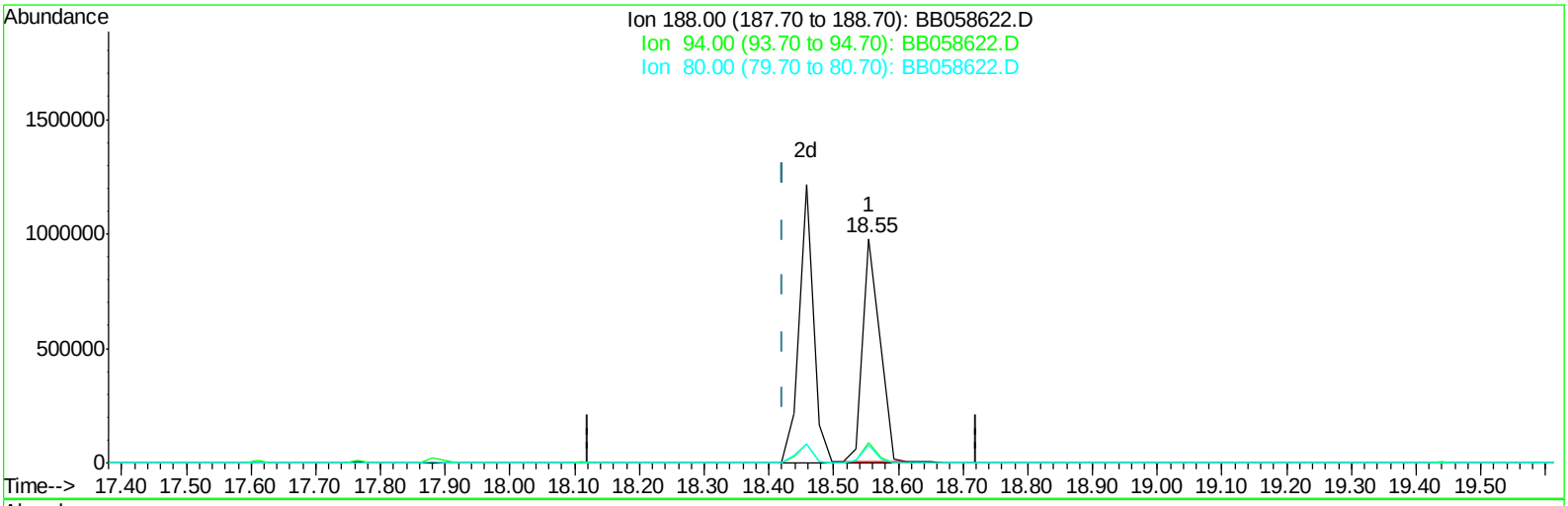
response 239197

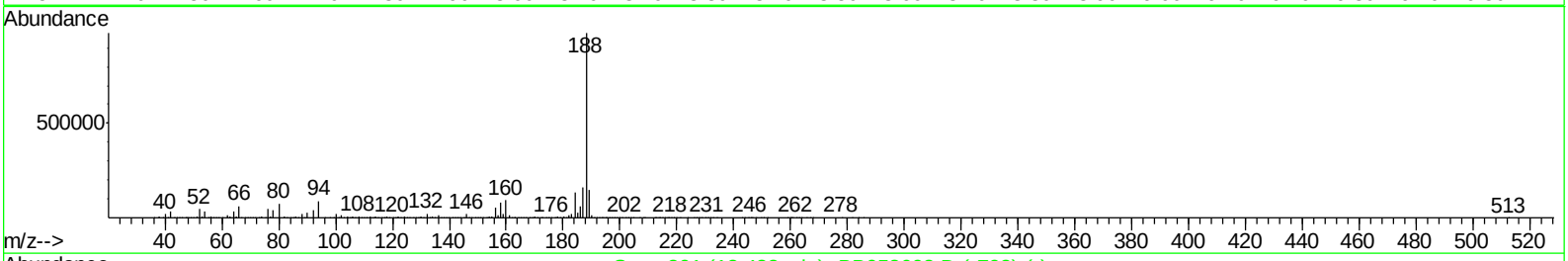
Ion	Exp%	Act%
113.00	100	100
55.00	152.40	152.18
56.00	121.70	123.81
0.00	0.00	0.00

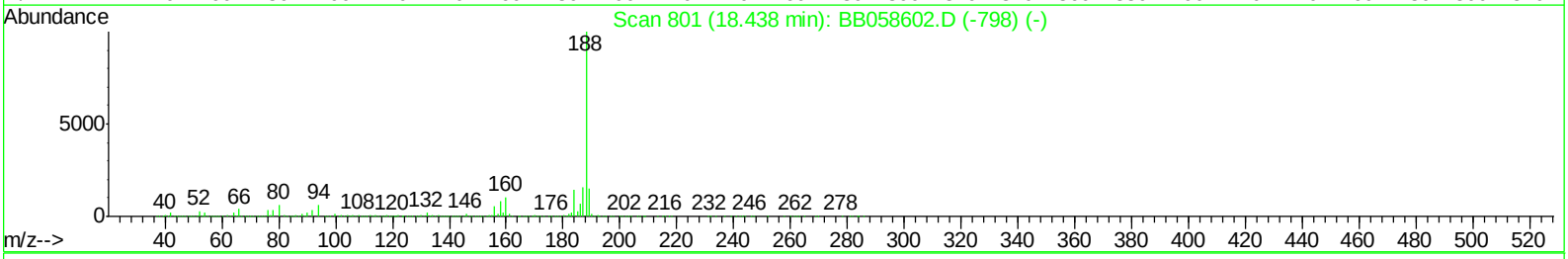
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
Data File : BB058622.D
Acq On : 12 Oct 2016 19:09
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 19:45:23 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 17:30:52 2016
Response via : Initial Calibration







TIC: BB058622.D

(61) Phenanthrene-d10 (I)

18.554min (+0.133) 20.00ng/ul

response 1778771

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	9.15
80.00	8.60	7.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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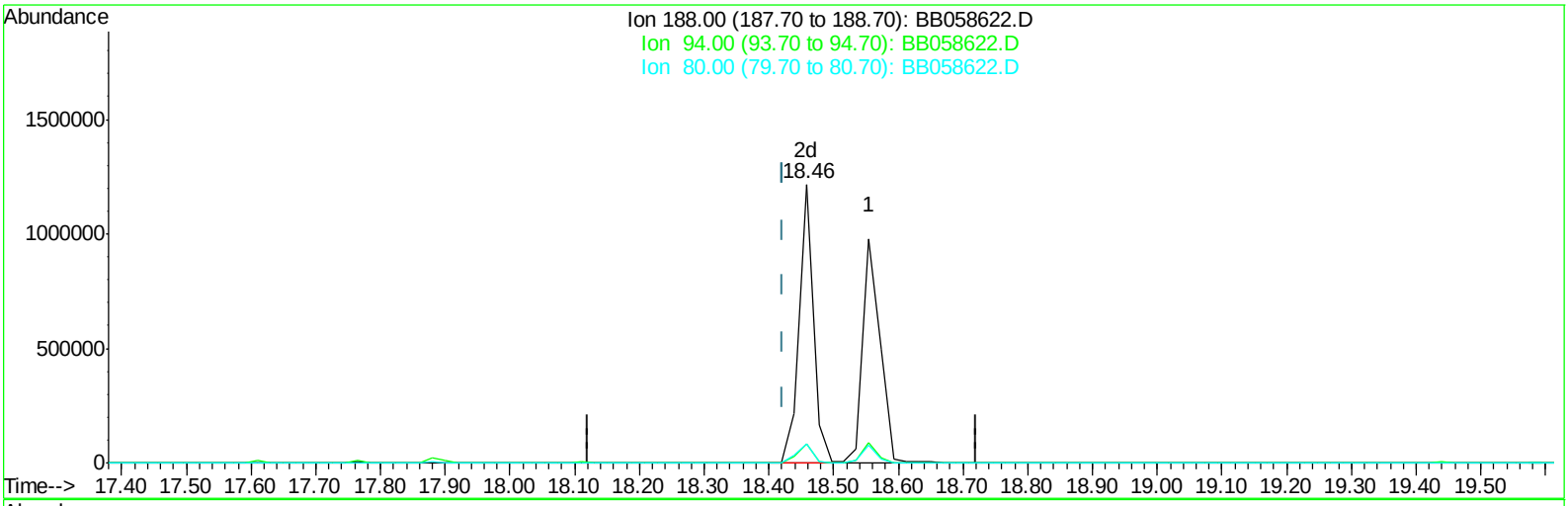
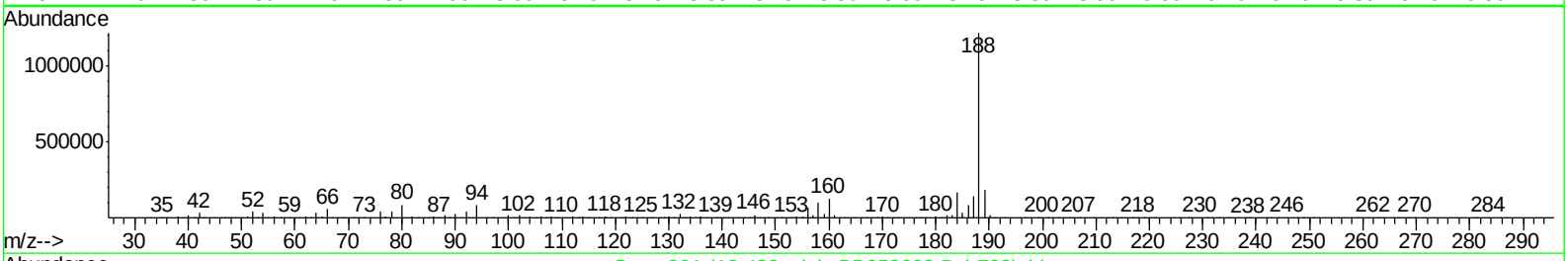
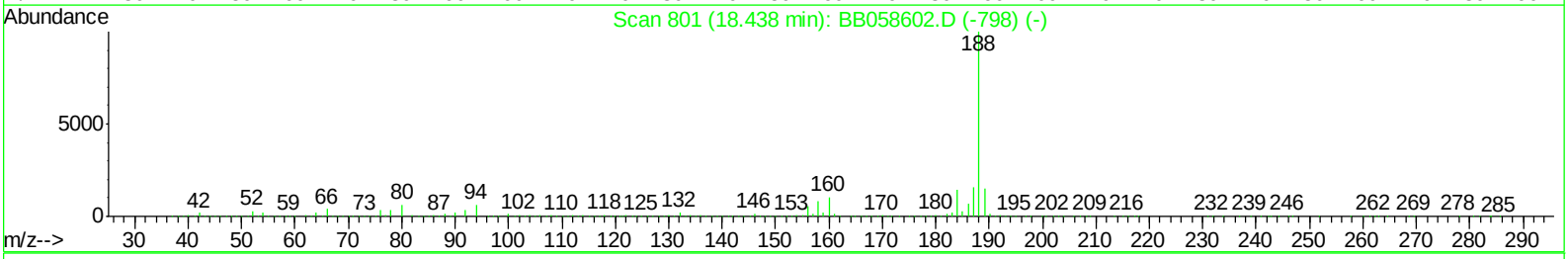
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 19:45:23 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 17:30:52 2016
Response via : Initial Calibration







TIC: BB058622.D

(61) Phenanthrene-d10 (I)

18.458min (+0.036) 20.00ng/ul m

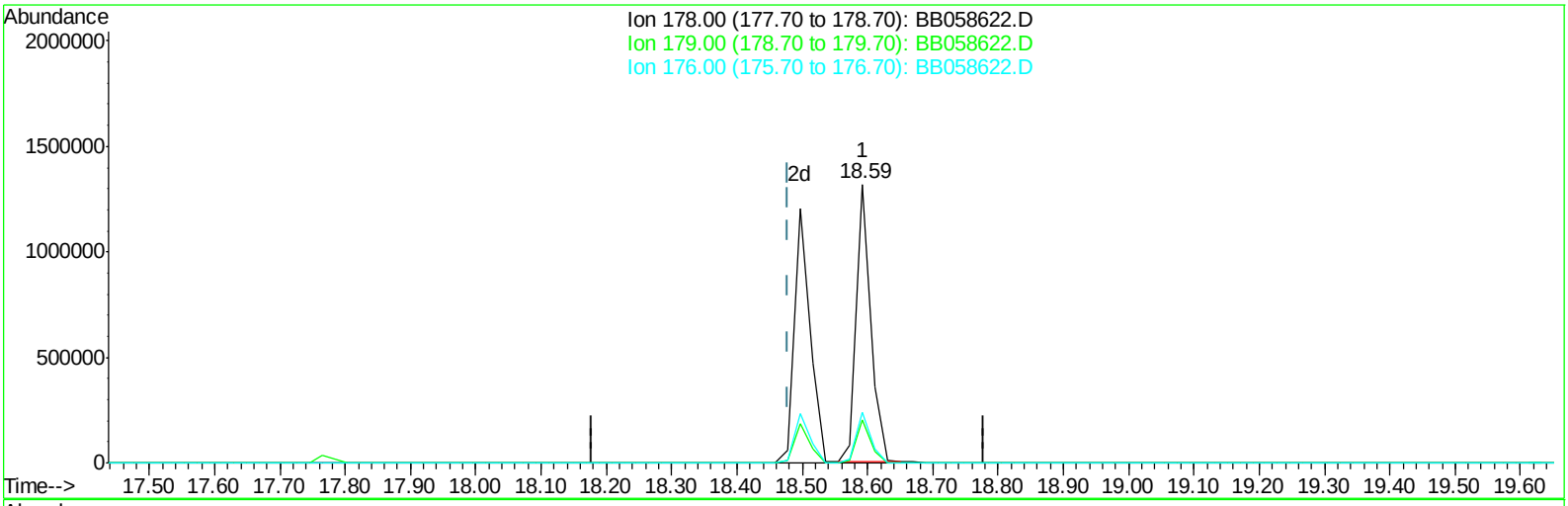
response 1858270

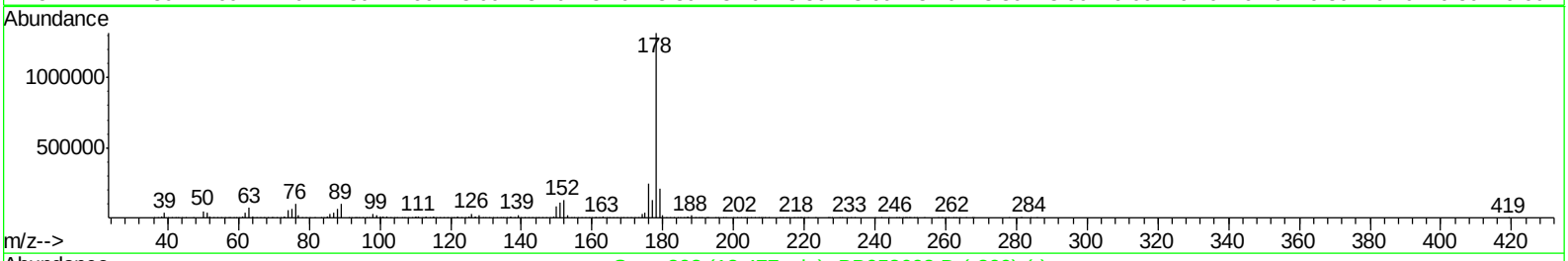
Ion	Exp%	Act%
188.00	100	100
94.00	7.90	6.77
80.00	8.60	6.87#
0.00	0.00	0.00

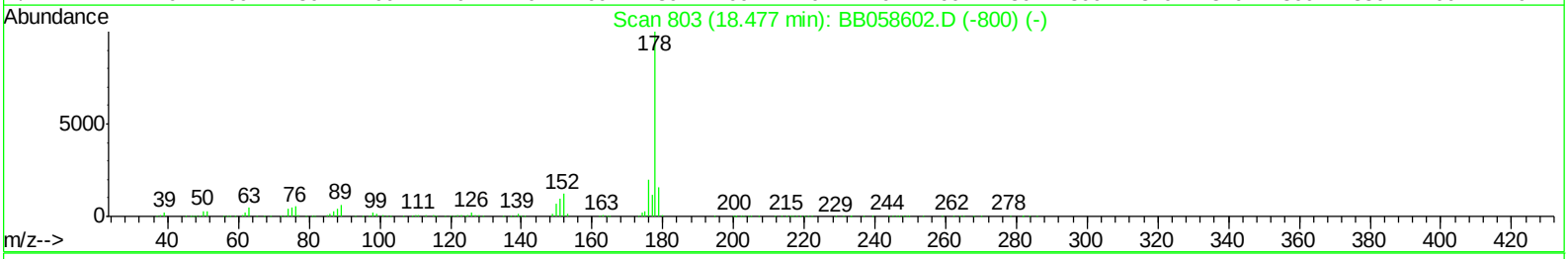
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
Data File : BB058622.D
Acq On : 12 Oct 2016 19:09
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 19:46:41 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 17:30:52 2016
Response via : Initial Calibration







TIC: BB058622.D

(69) Phenanthrene

18.593min (+0.113) 21.91ng/ul

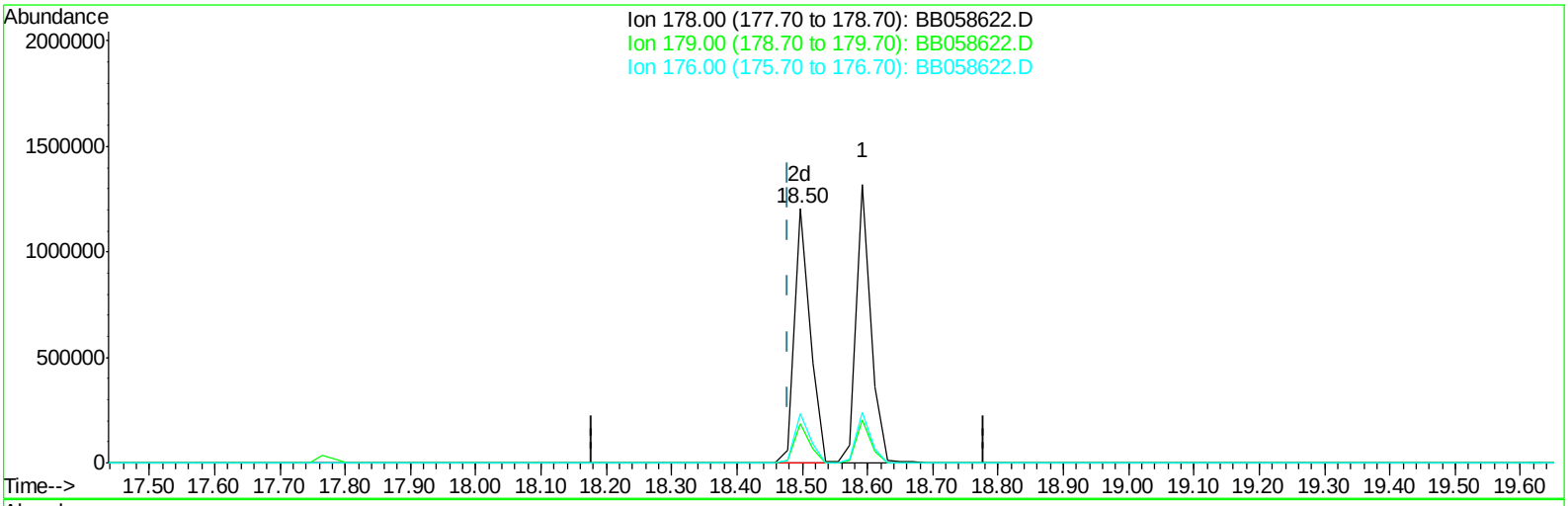
response 2027225

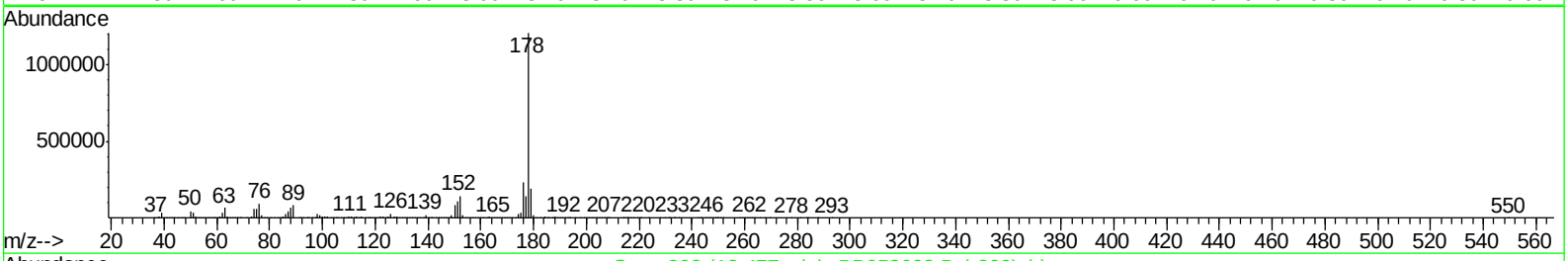
Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.65
176.00	18.90	18.30
0.00	0.00	0.00

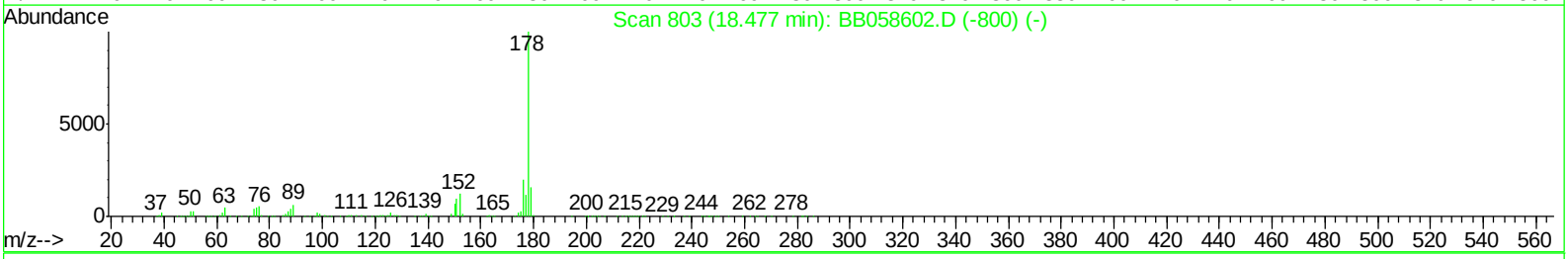
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
Data File : BB058622.D
Acq On : 12 Oct 2016 19:09
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 19:46:41 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 17:30:52 2016
Response via : Initial Calibration







TIC: BB058622.D

(69) Phenanthrene

18.496min (+0.017) 21.83ng/ul m

response 2019722

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.59
176.00	18.90	19.15
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
Data File : BB058622.D
Acq On : 12 Oct 2016 19:09
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 19:47:10 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 17:30:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	503869	20.00	ng/ul	0.11
18) Naphthalene-d8	11.70	136	1889337	20.00	ng/ul	0.07
35) Acenaphthene-d10	15.63	164	1149479	20.00	ng/ul	0.06
61) Phenanthrene-d10	18.46	188	1858270m	20.00	ng/ul	0.04
75) Chrysene-d12	22.81	240	2010820	20.00	ng/ul	0.00
83) Perylene-d12	25.91	264	1627883	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.71	96	88560	7.96	ng/uL	0.07
5) Phenol-d5	7.91	99	725264	19.81	ng/ul	0.11
7) Bis-(2-Chloroethyl)ether-d	8.04	67	506605	20.66	ng/ul	0.09
9) 2-Chlorophenol-d4	8.27	132	784860	20.67	ng/ul	0.09
13) 4-Methylphenol-d8	9.54	113	604060	19.93	ng/ul	0.09
19) Nitrobenzene-d5	9.99	128	414852	21.24	ng/ul	0.11
22) 2-Nitrophenol-d4	10.74	143	456314	21.71	ng/ul	0.09
26) 2,4-Dichlorophenol-d3	11.31	165	637667	21.40	ng/ul	0.07
29) 4-Chloroaniline-d4	11.83	131	786928	21.94	ng/ul	0.09
43) Dimethylphthalate-d6	15.01	166	1651038	21.60	ng/ul	0.06
46) Acenaphthylene-d8	15.30	160	1899410	21.07	ng/ul	0.04
51) 4-Nitrophenol-d4	15.82	143	341230	19.44	ng/ul	0.04
57) Fluorene-d10	16.65	176	1381856	22.07	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.76	200	371057	18.81	ng/ul	0.04
70) Anthracene-d10	18.55	188	1778771	21.40	ng/ul	0.02
76) Pyrene-d10	20.88	212	1907712	21.59	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.70	264	1544506	20.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.75	88	85679	7.77	ng/uL#	83
4) Benzaldehyde	7.83	77	514514	21.83	ng/ul	96
6) Phenol	7.93	94	726038	20.02	ng/ul#	68
8) Bis(2-Chloroethyl)ether	8.14	93	610772	20.41	ng/ul#	81
10) 2-Chlorophenol	8.31	128	743727	20.58	ng/ul	100
11) 2-Methylphenol	9.25	108	586177	20.10	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	1105012	20.99	ng/ul#	88
14) Acetophenone	9.64	105	887695	20.02	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.64	70	497467	18.97	ng/ul#	56
16) 4-Methylphenol	9.62	108	624860	19.85	ng/ul	91
17) Hexachloroethane	9.93	117	363091	20.74	ng/ul#	78
20) Nitrobenzene	10.03	77	738611	20.13	ng/ul#	84
21) Isophorone	10.58	82	1413212	19.97	ng/ul	96
23) 2-Nitrophenol	10.78	139	476545	21.74	ng/ul	95
24) 2,4-Dimethylphenol	10.85	107	739106	20.58	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.08	93	710658	20.83	ng/ul#	92
27) 2,4-Dichlorophenol	11.35	162	644763	21.61	ng/ul#	95
28) Naphthalene	11.76	128	1925170	21.40	ng/ul	99
30) 4-Chloroaniline	11.85	127	760558	22.36	ng/ul	97
31) Hexachlorobutadiene	12.10	225	437187	21.45	ng/ul	97
32) Caprolactam	12.62	113	239197m	22.06	ng/ul	
33) 4-Chloro-3-methylphenol	13.03	107	608772	20.47	ng/ul	88
34) 2-Methylnaphthalene	13.39	142	1345998	21.68	ng/ul	94

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 12 19:47:10 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 17:30:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.80	216	745323	21.11 ng/ul	96
37) Hexachlorocyclopentadiene	13.80	237	400082	17.96 ng/ul	99
38) 2,4,6-Trichlorophenol	14.03	196	472762	22.05 ng/ul	98
39) 2,4,5-Trichlorophenol	14.11	196	482059	21.18 ng/ul	96
40) 1,1'-Biphenyl	14.43	154	1667093	21.63 ng/ul#	97
41) 2-Chloronaphthalene	14.47	162	1323185	21.55 ng/ul	97
42) 2-Nitroaniline	14.66	65	469113	19.88 ng/ul#	76
44) Dimethylphthalate	15.05	163	1589908	20.80 ng/ul#	96
45) 2,6-Dinitrotoluene	15.17	165	404720	20.96 ng/ul	94
47) Acenaphthylene	15.34	152	1989148	22.75 ng/ul	100
48) 3-Nitroaniline	14.66	138	529947	20.97 ng/ul#	36
49) Acenaphthene	15.69	153	1250472	20.84 ng/ul	94
50) 2,4-Dinitrophenol	15.70	184	243527	17.69 ng/ul#	1
52) 4-Nitrophenol	15.84	109	271395	19.01 ng/ul	85
53) Dibenzofuran	16.03	168	1813426	21.20 ng/ul	92
54) 2,4-Dinitrotoluene	15.97	165	554148	20.57 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	16.28	232	446821	22.45 ng/ul#	96
56) Diethylphthalate	16.46	149	1682038	21.20 ng/ul	94
58) Fluorene	16.71	166	1498226	21.54 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.69	204	771876	20.64 ng/ul	89
60) 4-Nitroaniline	16.71	138	388267	19.47 ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.78	198	381566	19.37 ng/ul#	97
64) N-Nitrosodiphenylamine	16.92	169	1273400	21.23 ng/ul	92
65) 4-Bromophenyl-phenylether	17.61	248	477740	20.08 ng/ul	93
66) Hexachlorobenzene	17.78	284	492179	20.63 ng/ul#	82
67) Atrazine	17.90	200	477095	20.89 ng/ul#	87
68) Pentachlorophenol	18.11	266	326476	19.33 ng/ul	99
69) Phenanthrene	18.50	178	2019722m	21.83 ng/ul	
71) Anthracene	18.59	178	2027228	21.45 ng/ul	99
72) Carbazole	18.86	167	1864425	23.63 ng/ul	98
73) Di-n-butylphthalate	19.44	149	2922545	22.67 ng/ul	99
74) Fluoranthene	20.56	202	2307863	24.49 ng/ul#	91
77) Pyrene	20.92	202	2455126	23.36 ng/ul#	94
78) Butylbenzylphthalate	21.81	149	1238635	18.19 ng/ul#	82
79) 3,3'-Dichlorobenzidine	22.69	252	750141	21.11 ng/ul#	96
80) Benzo(a)anthracene	22.79	228	2253737	22.01 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.71	149	1867792	20.63 ng/ul#	84
82) Chrysene	22.87	228	2197480	22.89 ng/ul	99
84) Di-n-octyl phthalate	22.71	149	1867792	22.04 ng/ul#	75
85) Benzo(b)fluoranthene	24.95	252	2229283	20.74 ng/ul#	97
86) Benzo(k)fluoranthene	25.00	252	1777605	21.33 ng/ul#	97
88) Benzo(a)pyrene	25.77	252	1925627	21.28 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.22	276	1672497	21.16 ng/ul#	91
90) Dibenzo(a,h)anthracene	29.26	278	1426745	21.76 ng/ul#	95
91) Benzo(g,h,i)perylene	30.22	276	1325022	21.24 ng/ul#	91

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

Quantitation Report (QT Reviewed)

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