

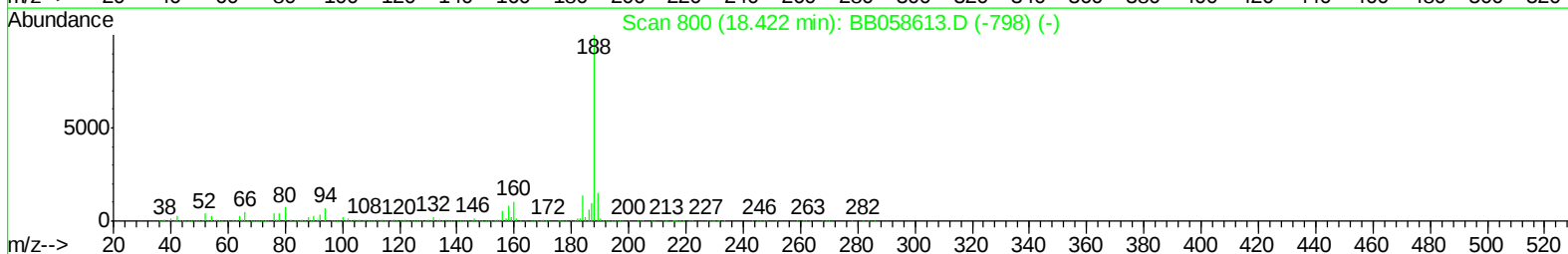
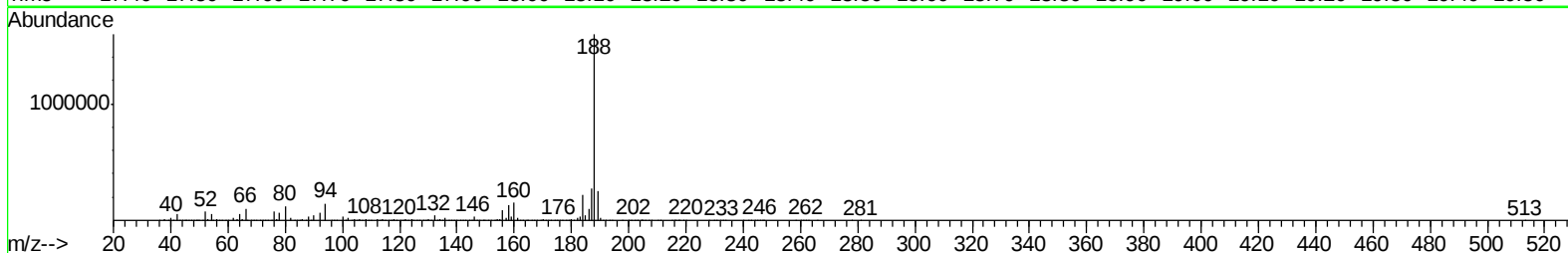
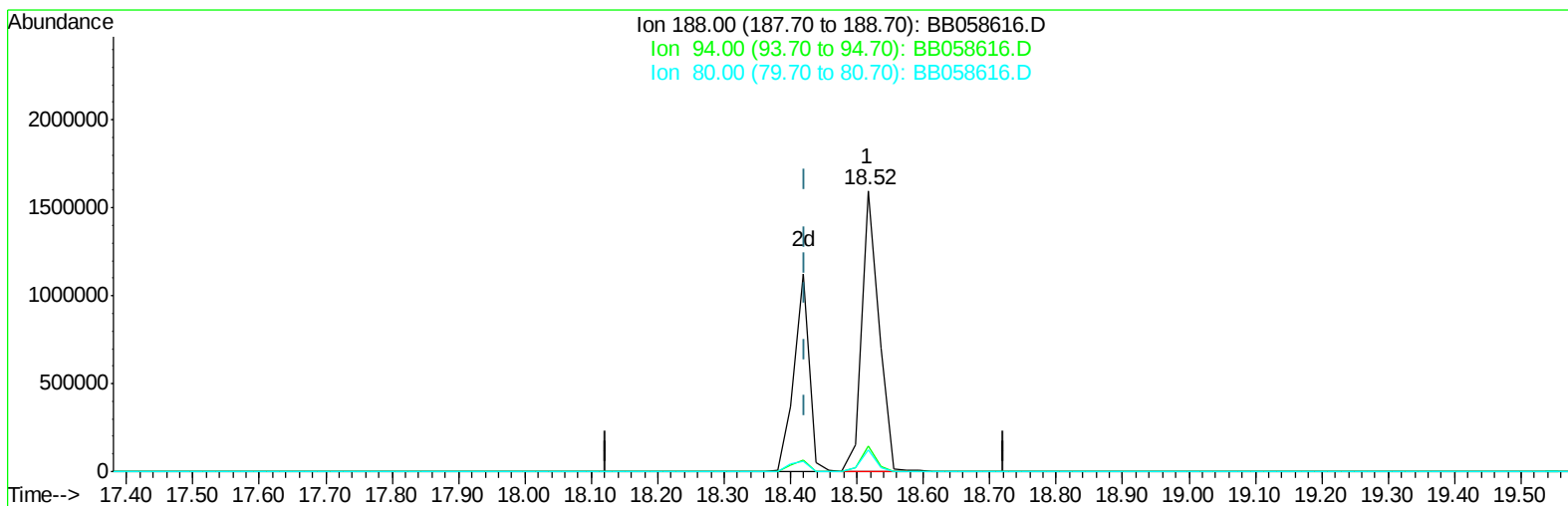
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101216\
Data File : BB058616.D
Acq On : 12 Oct 2016 12:11
Operator : UM/SJ
Sample : MDL-02-W
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-02-W

Manual Integrations
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Quant Time: Oct 12 12:50:34 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration



TIC: BB058616.D

(61) Phenanthrene-d10 (I)

18.516min (+0.095) 20.00ng/ul

response 2837418

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	8.93
80.00	8.60	7.70
0.00	0.00	0.00

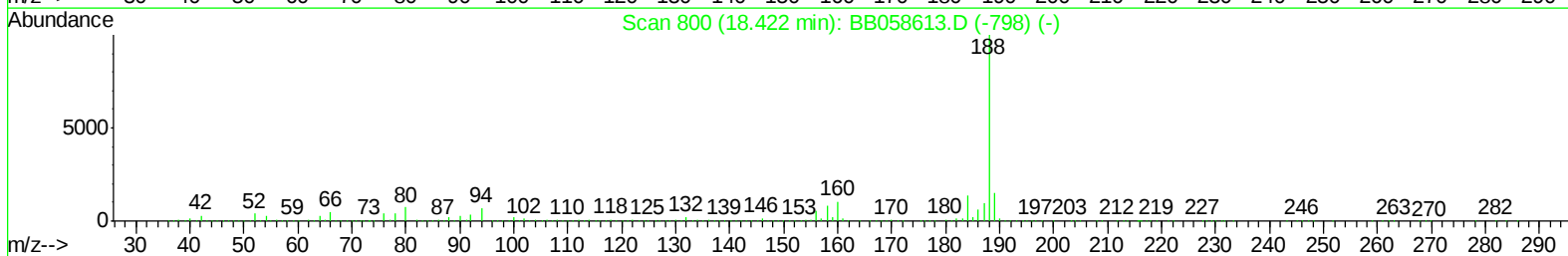
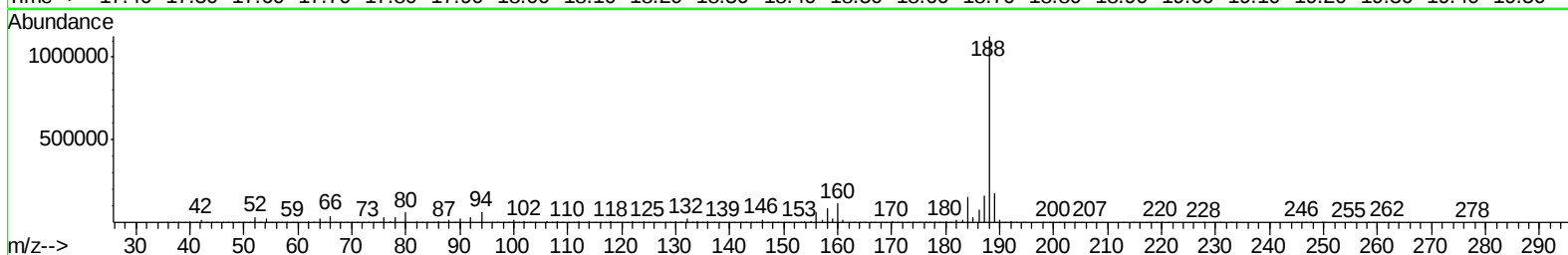
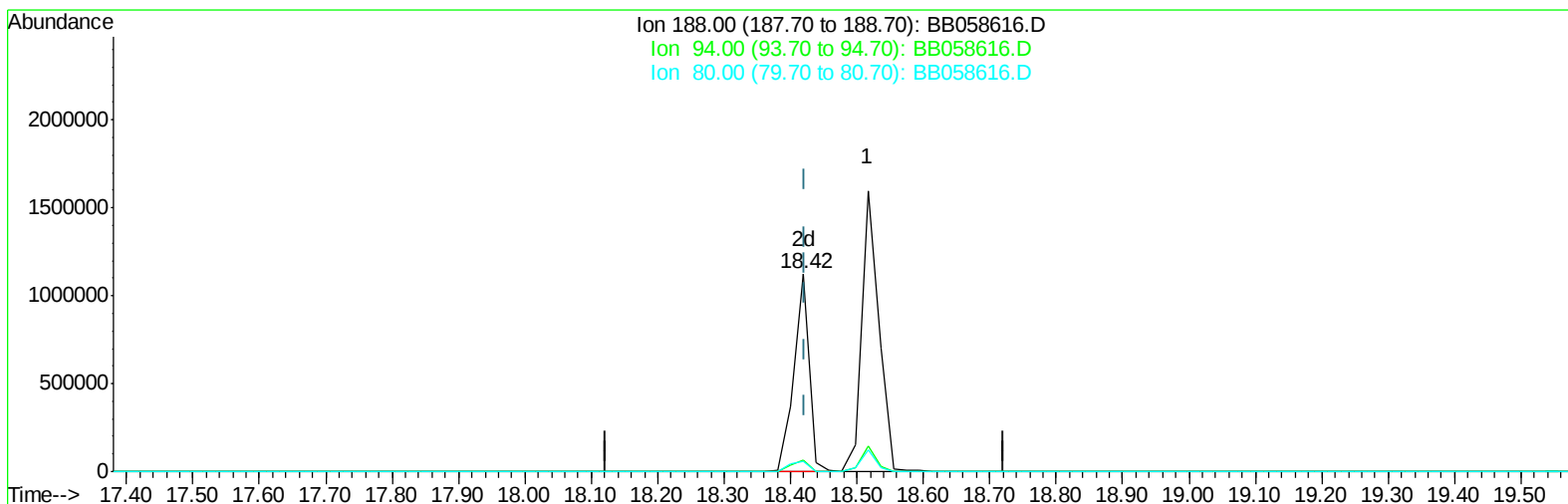
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101216\
Data File : BB058616.D
Acq On : 12 Oct 2016 12:11
Operator : UM/SJ
Sample : MDL-02-W
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
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TIC: BB058616.D

(61) Phenanthrene-d10 (I)

18.420min (-0.002) 20.00ng/ul m

response 1800479

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	5.68#
80.00	8.60	5.32#
0.00	0.00	0.00

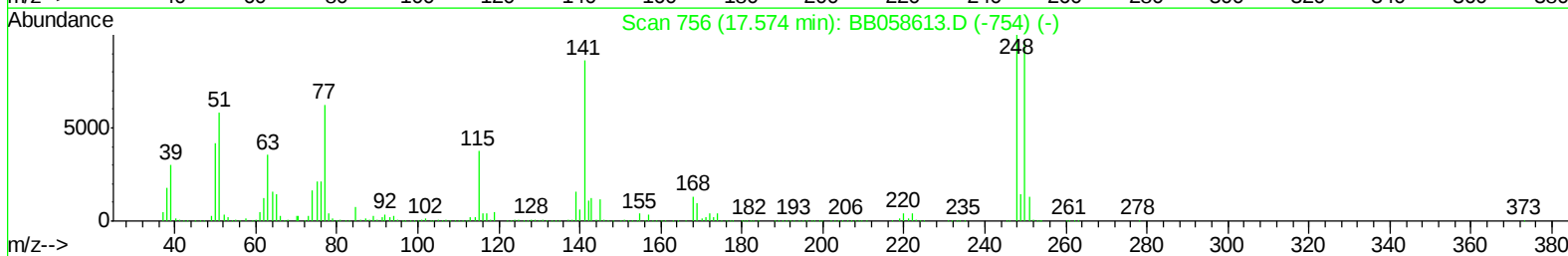
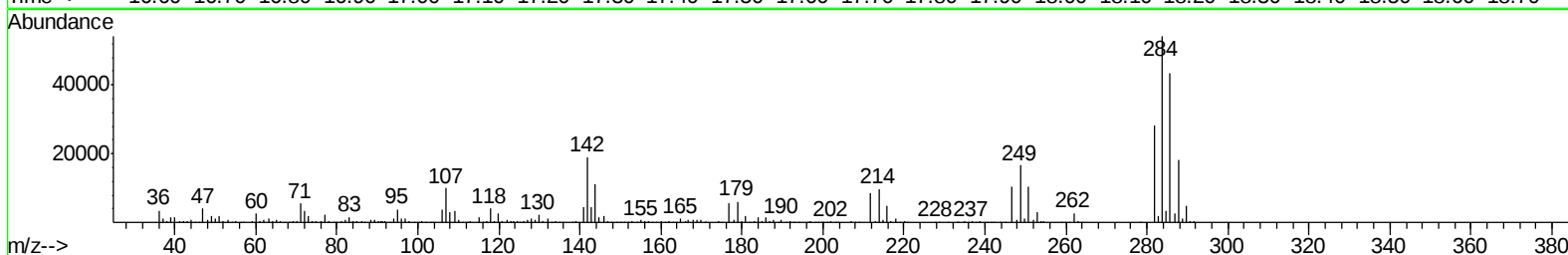
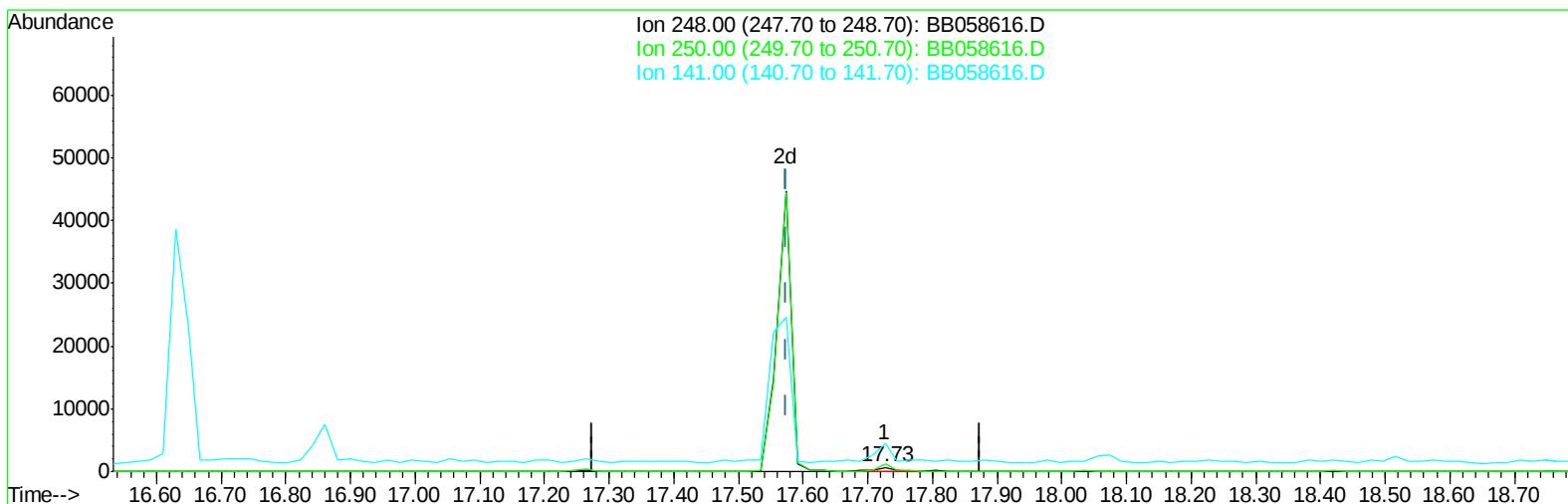
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101216\
Data File : BB058616.D
Acq On : 12 Oct 2016 12:11
Operator : UM/SJ
Sample : MDL-02-W
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BB058616.D

(65) 4-Bromophenyl-phenylether

17.727min (+0.152) 0.05ng/ul

response 1122

Ion	Exp%	Act%
248.00	100	100
250.00	99.60	6.57#
141.00	72.90	26.51#
0.00	0.00	0.00

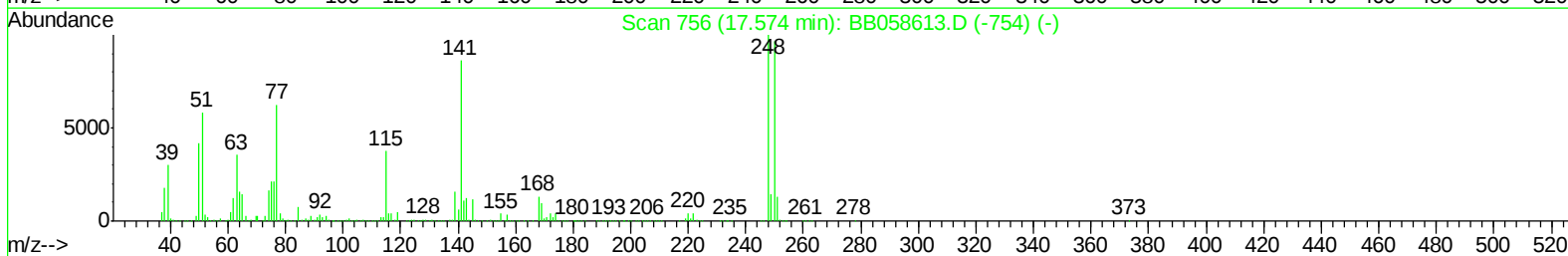
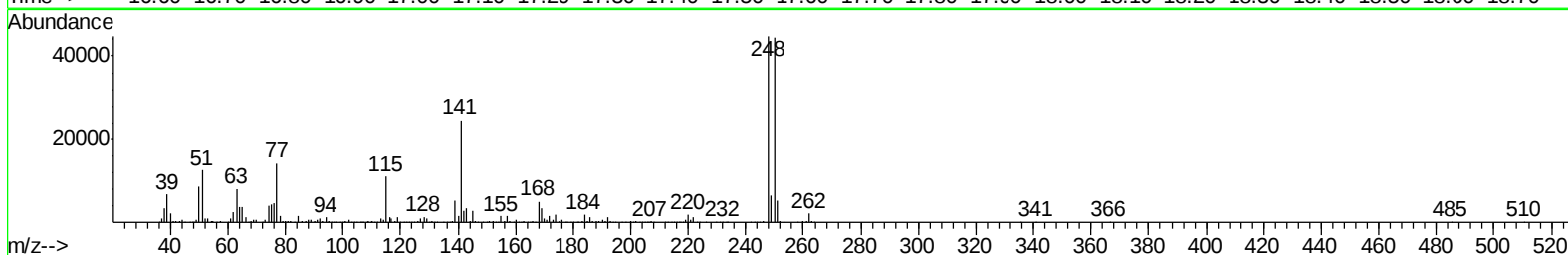
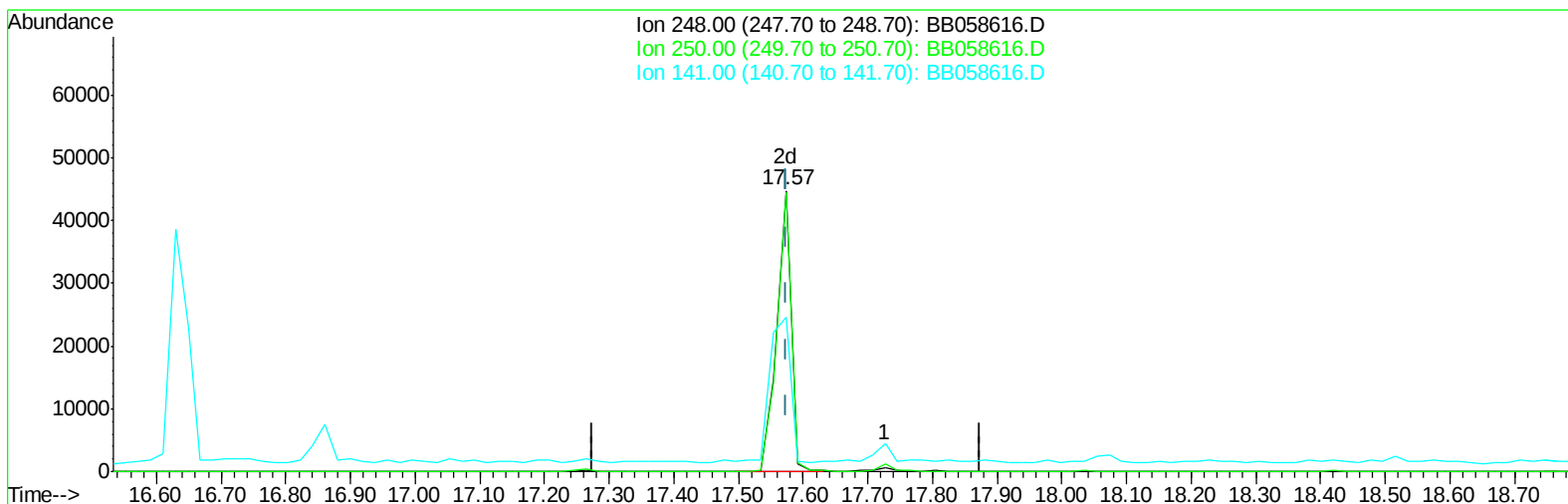
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101216\
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Sample : MDL-02-W
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BB058616.D

(65) 4-Bromophenyl-phenylether

17.573min (-0.002) 3.06ng/ul m

response 70458

Ion	Exp%	Act%
248.00	100	100
250.00	99.60	99.41
141.00	72.90	54.91#
0.00	0.00	0.00

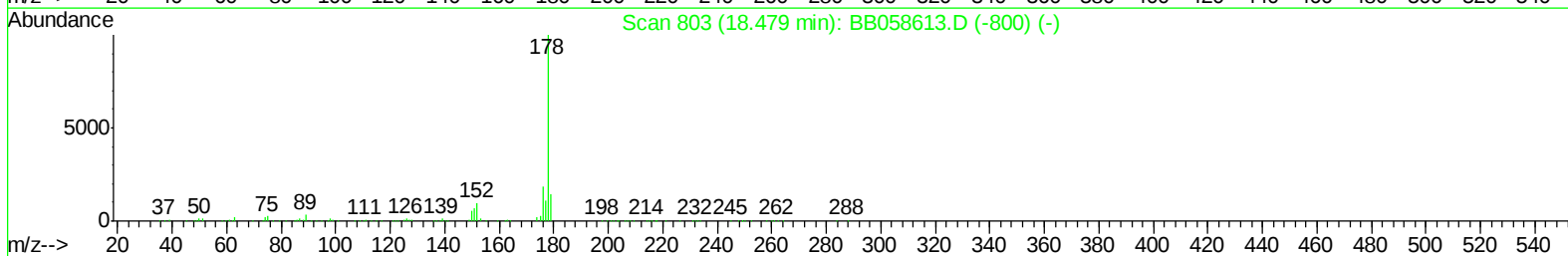
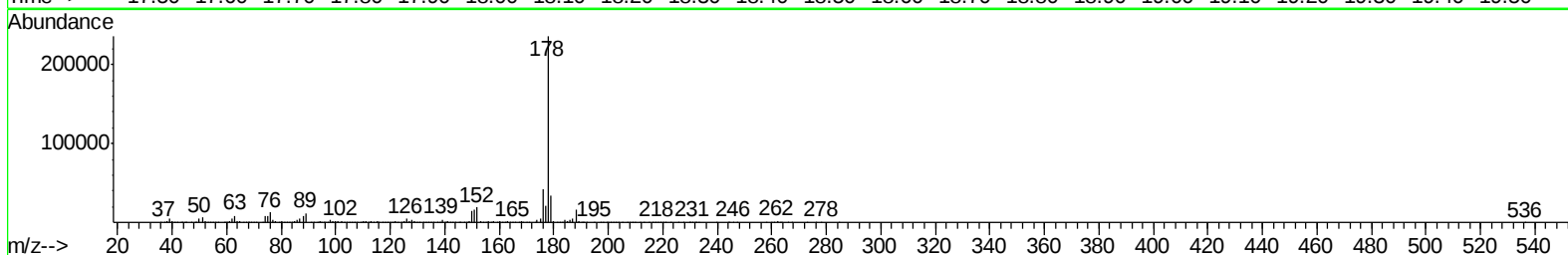
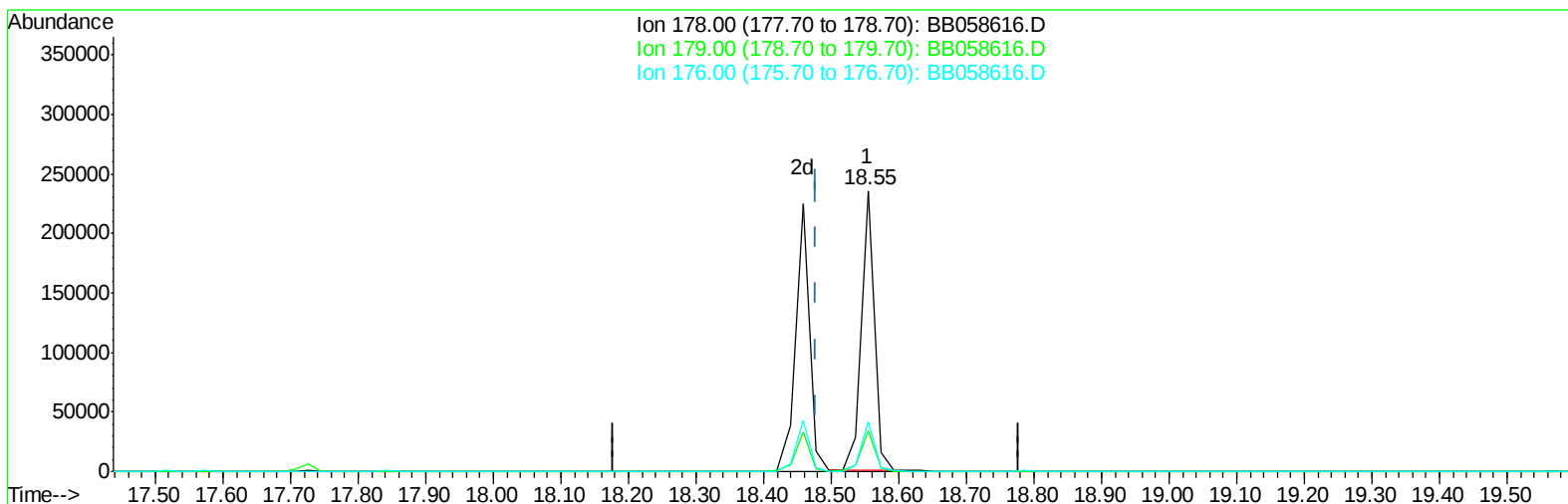
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BB058616.D

(69) Phenanthrene

18.555min (+0.075) 3.60ng/ul

response 323056

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	14.67
176.00	18.90	17.74
0.00	0.00	0.00

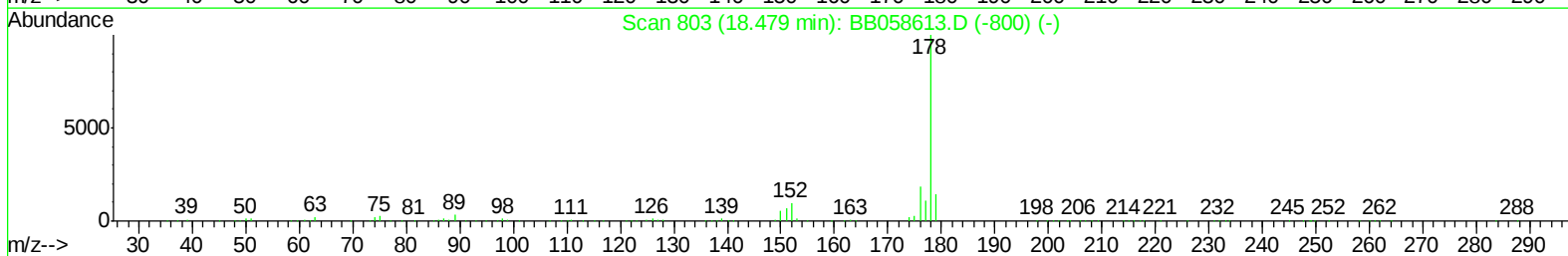
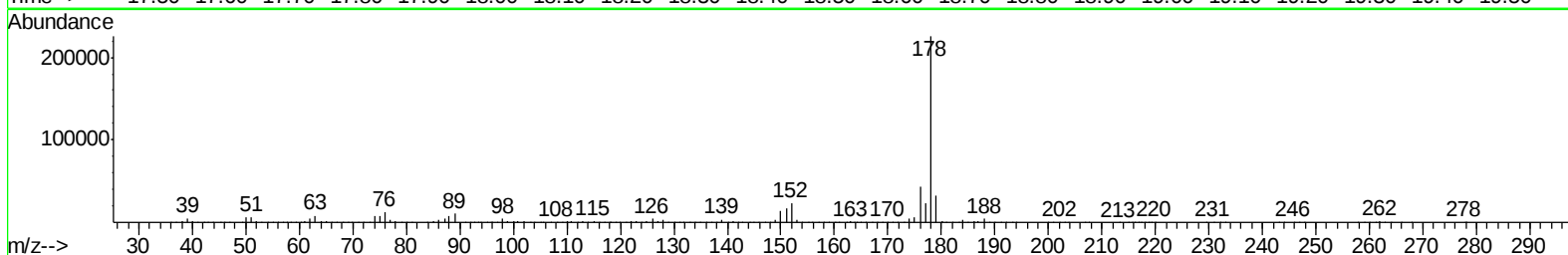
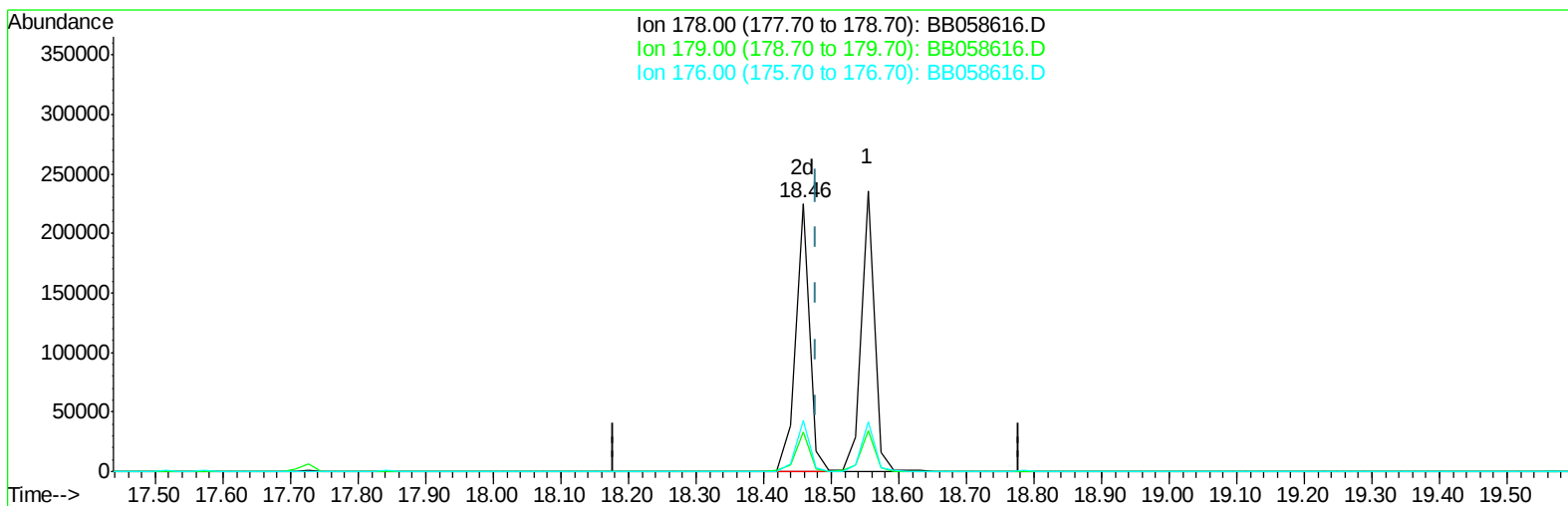
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101216\
Data File : BB058616.D
Acq On : 12 Oct 2016 12:11
Operator : UM/SJ
Sample : MDL-02-W
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
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Manual Integrations
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TIC: BB058616.D

(69) Phenanthrene

18.458min (-0.021) 3.64ng/ul m

response 326693

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	14.58
176.00	18.90	18.96
0.00	0.00	0.00

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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-02-W

Manual Integrations
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	488323	20.00	ng/ul	0.00
18) Naphthalene-d8	11.62	136	1800241	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1087919	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.42	188	1800479m	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1949767	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1556001	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	80142	7.43	ng/uL	0.02
5) Phenol-d5	7.79	99	1151188	32.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.95	67	782769	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1292384	35.12	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	981094	33.41	ng/ul	-0.02
19) Nitrobenzene-d5	9.89	128	666801	35.82	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	763910	38.14	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.22	165	1025691	36.13	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.74	131	1348729	39.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2753108	38.06	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	3194281	37.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	521910	31.42	ng/ul	-0.02
57) Fluorene-d10	16.61	176	2261011	38.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.71	200	564999	29.55	ng/ul	-0.02
70) Anthracene-d10	18.52	188	2837418	35.24	ng/ul	-0.02
76) Pyrene-d10	20.86	212	3276726	38.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.68	264	2628157	36.99	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.69	88	9037	0.85 ng/uL#	67
4) Benzaldehyde	7.73	77	59249	2.59 ng/ul	93
6) Phenol	7.83	94	102090	2.90 ng/ul#	60
8) Bis(2-Chloroethyl)ether	8.04	93	92049	3.17 ng/ul#	86
10) 2-Chlorophenol	8.22	128	113428	3.24 ng/ul	98
11) 2-Methylphenol	9.14	108	83404	2.95 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.24	45	149287	2.93 ng/ul#	90
14) Acetophenone	9.53	105	132895	3.09 ng/ul#	77
15) N-Nitroso-di-n-propylamine	9.54	70	74555	2.93 ng/ul#	63
16) 4-Methylphenol	9.51	108	89507	2.93 ng/ul	98
17) Hexachloroethane	9.83	117	54613	3.22 ng/ul#	81
20) Nitrobenzene	9.93	77	110659	3.17 ng/ul#	87
21) Isophorone	10.49	82	211702	3.14 ng/ul#	93
23) 2-Nitrophenol	10.68	139	70331	3.37 ng/ul#	93
24) 2,4-Dimethylphenol	10.76	107	109542	3.20 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.99	93	101130	3.11 ng/ul#	93
27) 2,4-Dichlorophenol	11.26	162	97561	3.43 ng/ul#	92
28) Naphthalene	11.66	128	290759	3.39 ng/ul	98
30) 4-Chloroaniline	11.78	127	113406	3.50 ng/ul	100
31) Hexachlorobutadiene	12.01	225	66877	3.44 ng/ul	97
32) Caprolactam	12.59	113	27736	2.68 ng/ul	90
33) 4-Chloro-3-methylphenol	12.93	107	89441	3.16 ng/ul	95
34) 2-Methylnaphthalene	13.32	142	203279	3.44 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	112941	3.38	ng/ul	96
37) Hexachlorocyclopentadiene	13.72	237	45480	2.16	ng/ul	98
38) 2,4,6-Trichlorophenol	13.95	196	65685	3.24	ng/ul	96
39) 2,4,5-Trichlorophenol	14.03	196	64784	3.01	ng/ul	93
40) 1,1'-Biphenyl	14.36	154	244669	3.35	ng/ul#	96
41) 2-Chloronaphthalene	14.40	162	192192	3.31	ng/ul	98
42) 2-Nitroaniline	14.59	65	63476	2.84	ng/ul#	87
44) Dimethylphthalate	14.99	163	254909	3.52	ng/ul#	96
45) 2,6-Dinitrotoluene	15.11	165	60601	3.32	ng/ul#	82
47) Acenaphthylene	15.28	152	304576	3.68	ng/ul	98
48) 3-Nitroaniline	14.59	138	68475	2.86	ng/ul#	38
49) Acenaphthene	15.63	153	184629	3.25	ng/ul	95
50) 2,4-Dinitrophenol	15.65	184	22101	1.70	ng/ul#	1
52) 4-Nitrophenol	15.78	109	41138	3.04	ng/ul#	83
53) Dibenzofuran	15.97	168	287629	3.55	ng/ul	97
54) 2,4-Dinitrotoluene	15.92	165	85199	3.34	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	16.23	232	60526	3.21	ng/ul#	93
56) Diethylphthalate	16.42	149	252634	3.36	ng/ul	97
58) Fluorene	16.65	166	215996	3.28	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.63	204	110022	3.11	ng/ul#	78
60) 4-Nitroaniline	16.65	138	37390	1.98	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	16.73	198	57136	2.99	ng/ul#	69
64) N-Nitrosodiphenylamine	16.86	169	182995	3.15	ng/ul	95
65) 4-Bromophenyl-phenylether	17.57	248	70458m	3.06	ng/ul	
66) Hexachlorobenzene	17.73	284	76610	3.31	ng/ul	95
67) Atrazine	17.84	200	69372	3.14	ng/ul#	89
68) Pentachlorophenol	18.07	266	38311	2.34	ng/ul	97
69) Phenanthrene	18.46	178	326693m	3.64	ng/ul	
71) Anthracene	18.55	178	323054	3.53	ng/ul	99
72) Carbazole	18.82	167	262794	3.44	ng/ul	98
73) Di-n-butylphthalate	19.40	149	481472	3.85	ng/ul	98
74) Fluoranthene	20.52	202	346947	3.80	ng/ul#	92
77) Pyrene	20.88	202	376904	3.70	ng/ul	99
78) Butylbenzylphthalate	21.79	149	210050	3.18	ng/ul	89
79) 3,3'-Dichlorobenzidine	22.67	252	69708	2.02	ng/ul	97
80) Benzo(a)anthracene	22.75	228	337467	3.40	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.67	149	284410	3.24	ng/ul#	97
82) Chrysene	22.83	228	314815	3.38	ng/ul	98
84) Di-n-octyl phthalate	22.67	149	284410	3.51	ng/ul#	57
85) Benzo(b)fluoranthene	24.91	252	293598	2.86	ng/ul	98
86) Benzo(k)fluoranthene	24.97	252	268525	3.37	ng/ul	97
88) Benzo(a)pyrene	25.72	252	264272	3.06	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.14	276	203299	2.69	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.18	278	163782	2.61	ng/ul#	91
91) Benzo(g,h,i)perylene	30.14	276	164831	2.76	ng/ul	96

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

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