

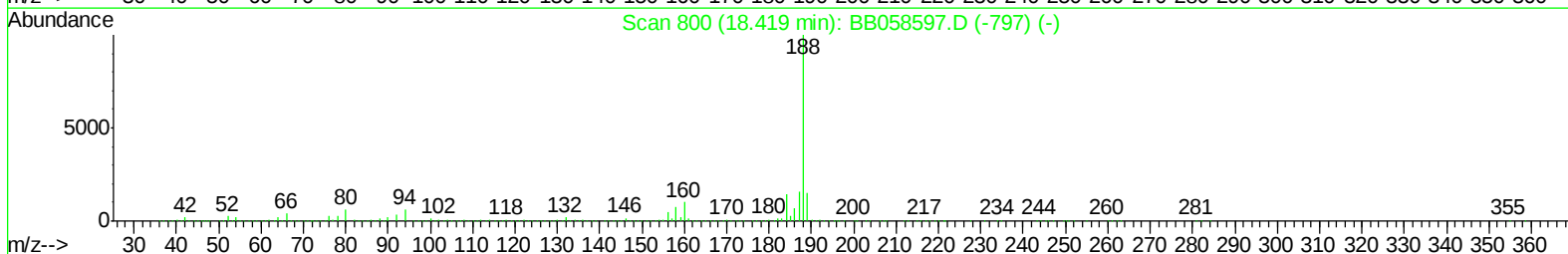
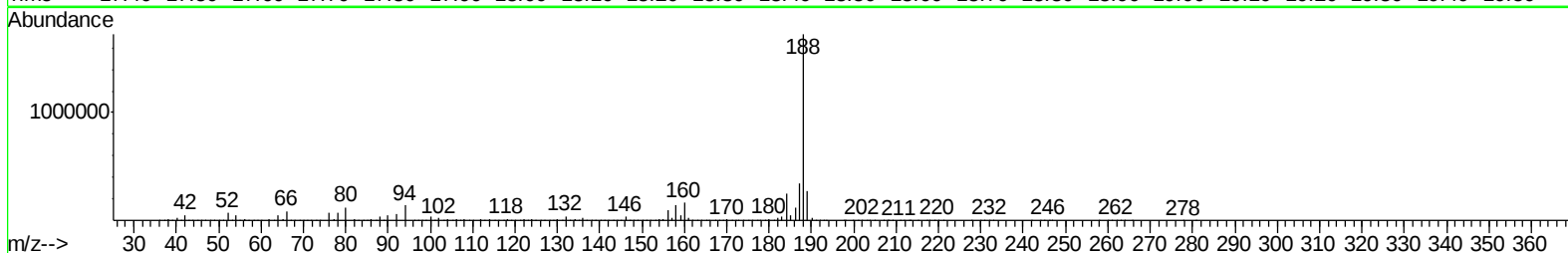
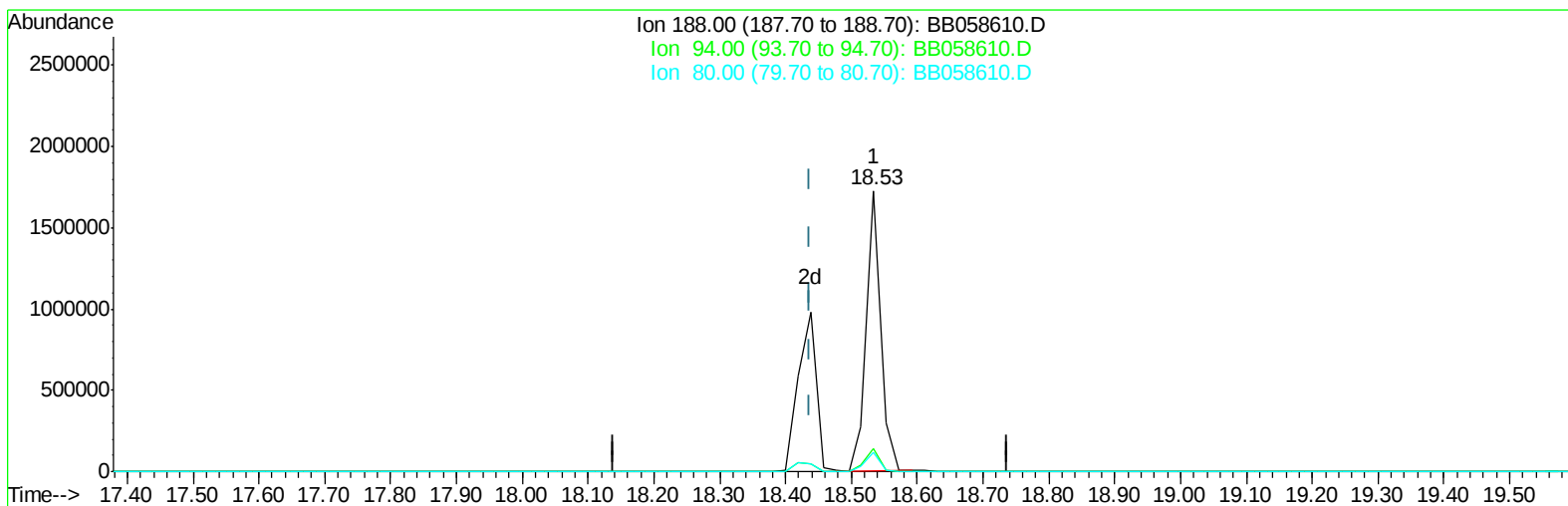
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101116\
Data File : BB058610.D
Acq On : 11 Oct 2016 18:03
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-07-S

Manual Integrations
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Quant Time: Oct 11 18:44:58 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 16:28:55 2016
Response via : Initial Calibration



TIC: BB058610.D

(61) Phenanthrene-d10 (I)

18.534min (+0.096) 20.00ng/ul

response 2653381

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	8.13
80.00	8.60	6.91
0.00	0.00	0.00

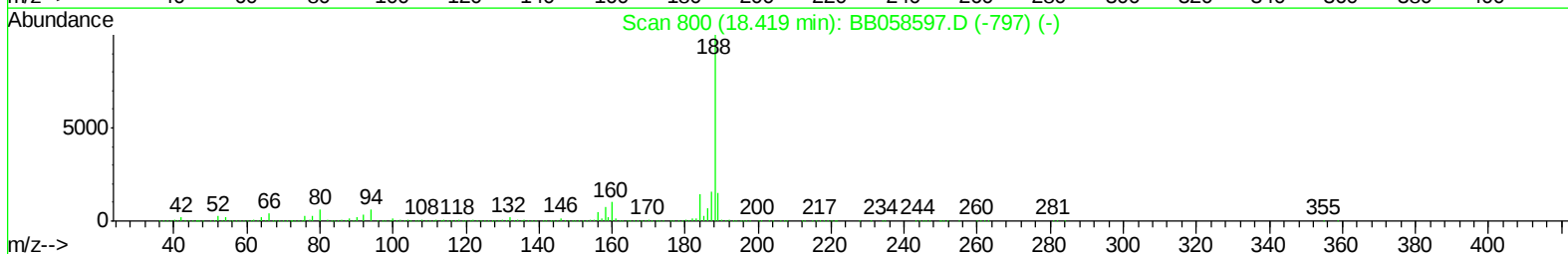
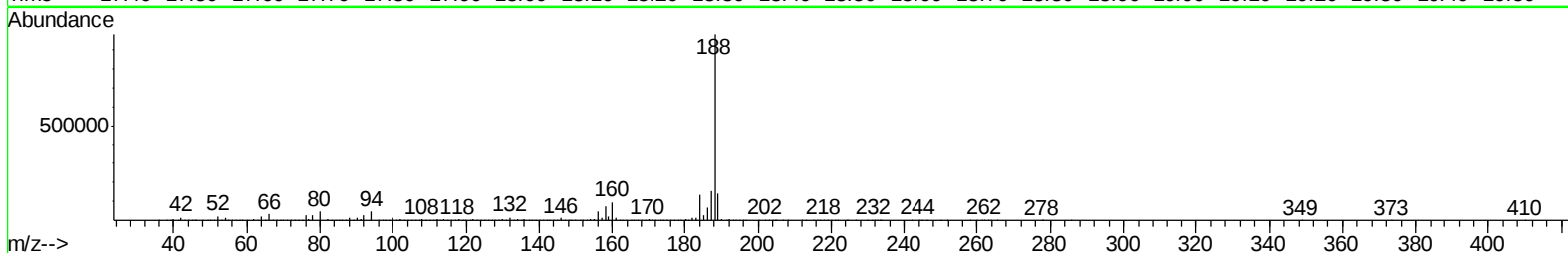
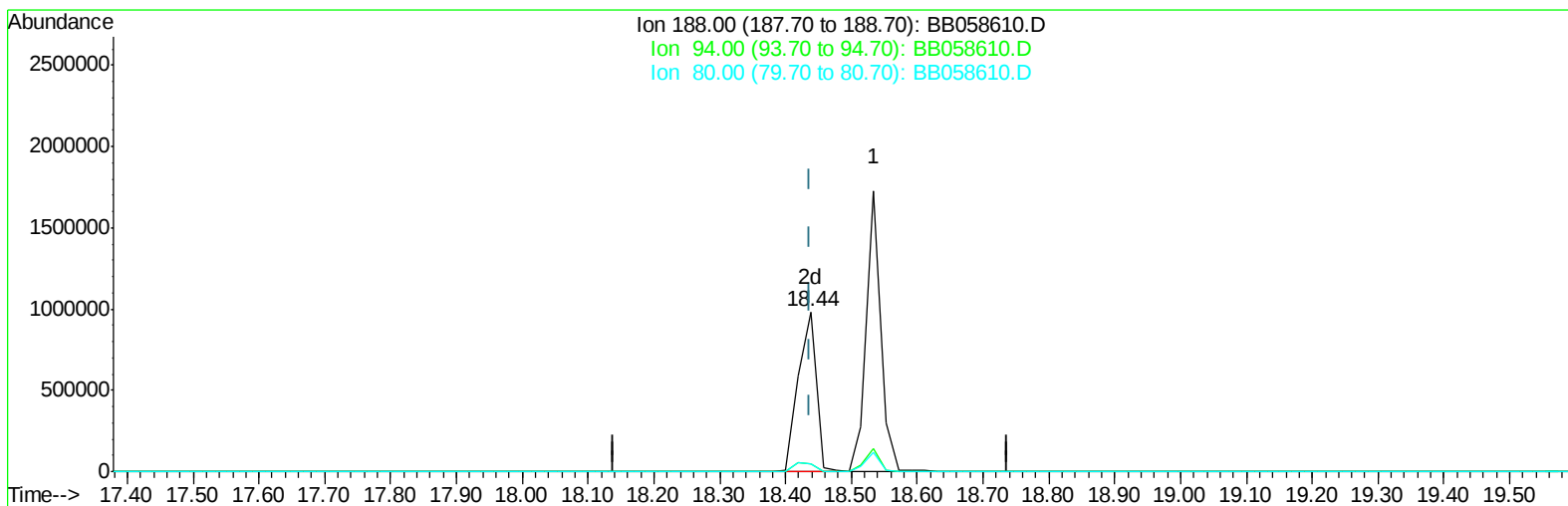
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101116\
Data File : BB058610.D
Acq On : 11 Oct 2016 18:03
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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Manual Integrations
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TIC: BB058610.D

(61) Phenanthrene-d10 (I)

18.438min (-0.000) 20.00ng/ul m

response 1863133

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	4.69#
80.00	8.60	4.67#
0.00	0.00	0.00

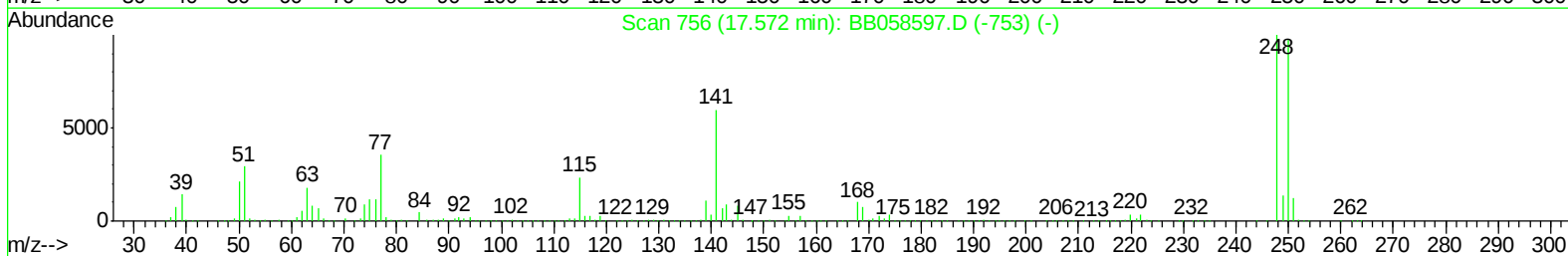
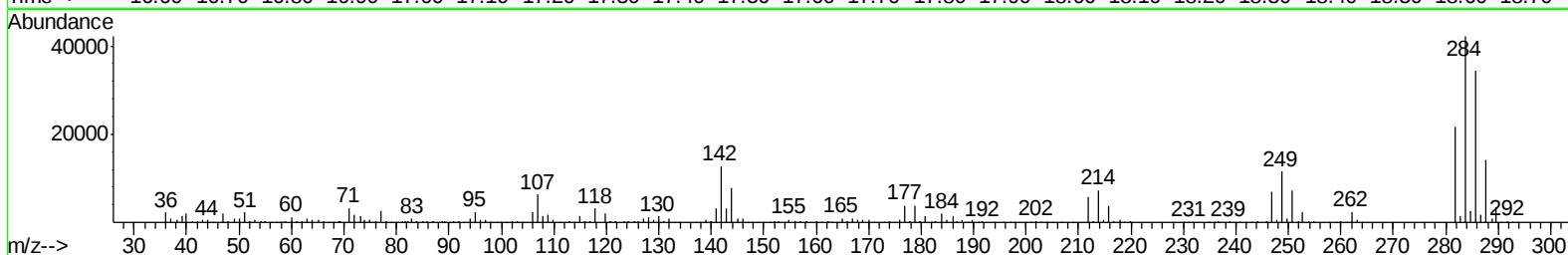
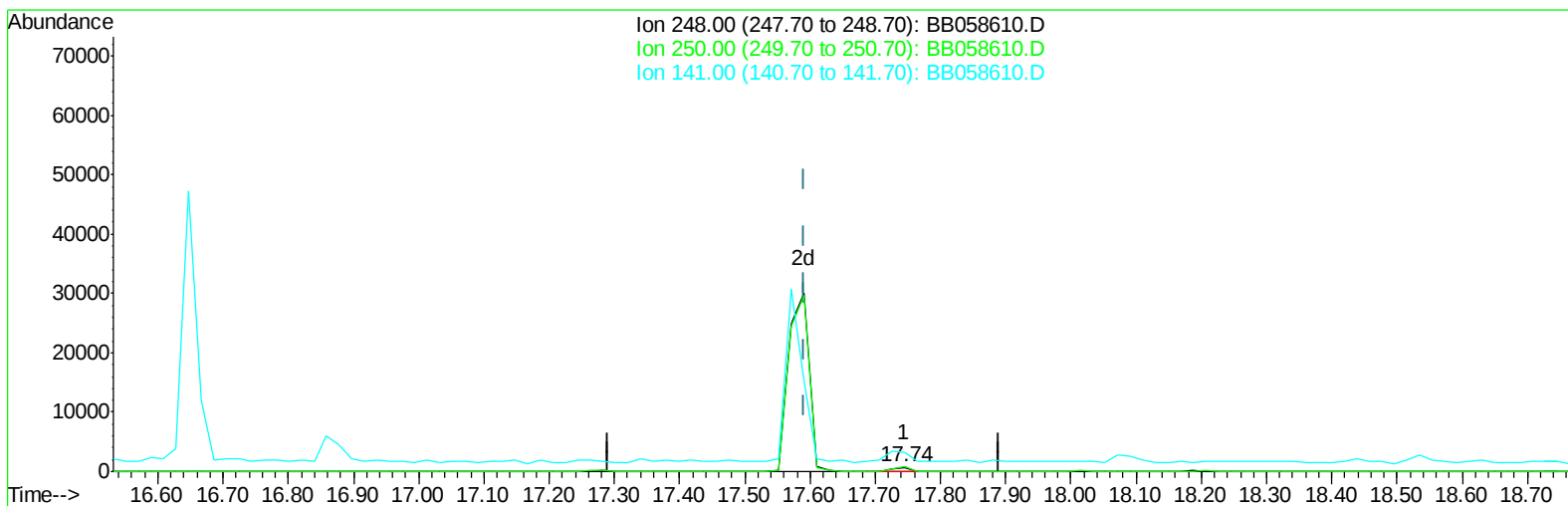
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101116\
Data File : BB058610.D
Acq On : 11 Oct 2016 18:03
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
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Manual Integrations
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Quant Time: Oct 11 18:46:53 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 16:28:55 2016
Response via : Initial Calibration



TIC: BB058610.D

(65) 4-Bromophenyl-phenylether

17.745min (+0.154) 0.06ng/ul

response 1388

Ion	Exp%	Act%
248.00	100	100
250.00	99.60	68.54#
141.00	72.90	26.23#
0.00	0.00	0.00

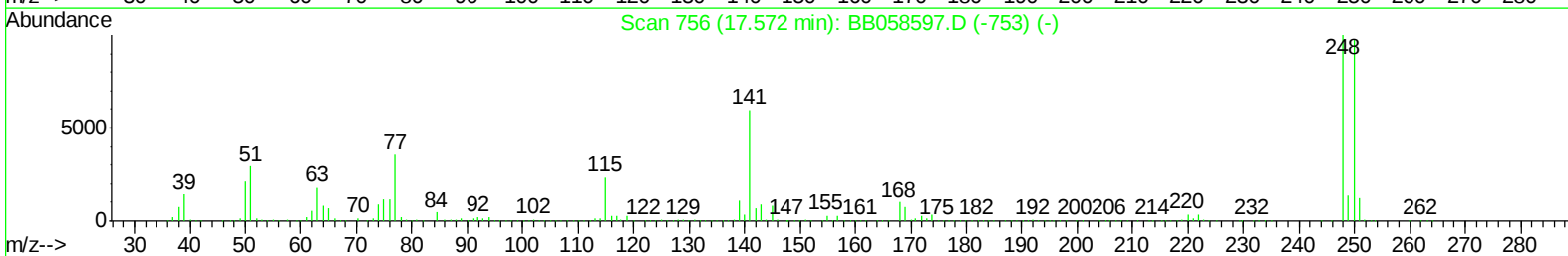
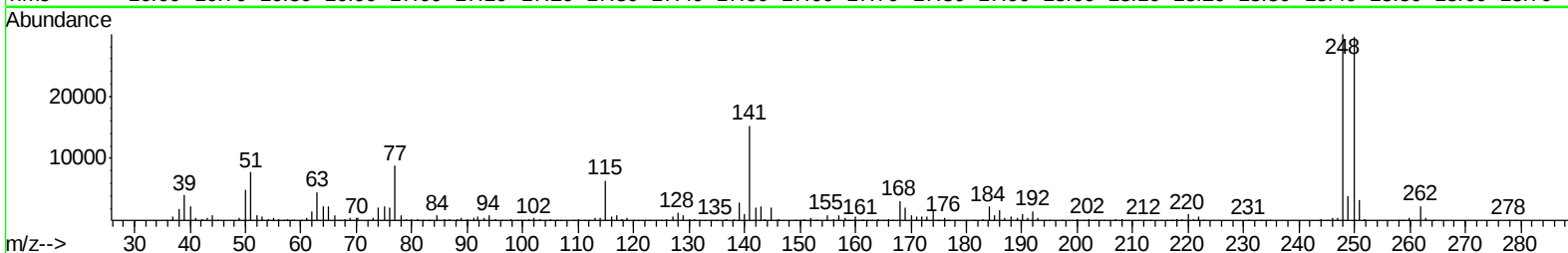
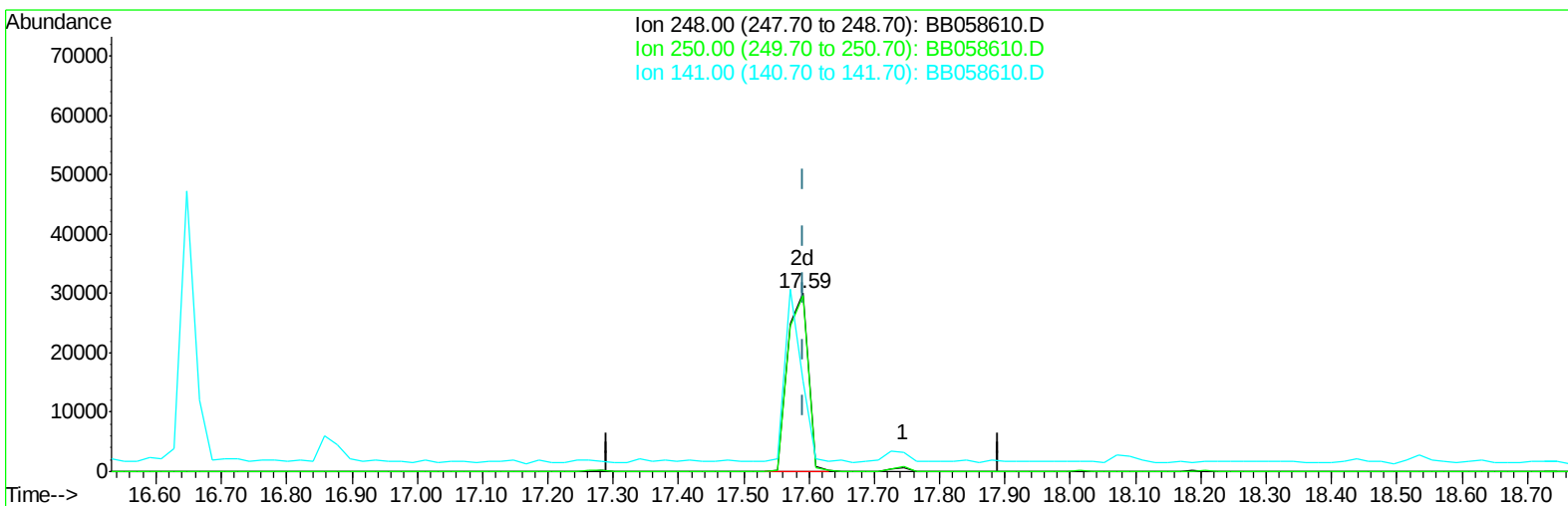
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101116\
Data File : BB058610.D
Acq On : 11 Oct 2016 18:03
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BB058610.D

(65) 4-Bromophenyl-phenylether

17.591min (-0.001) 2.71ng/ul m

response 64761

Ion	Exp%	Act%
248.00	100	100
250.00	99.60	98.75
141.00	72.90	50.81#
0.00	0.00	0.00

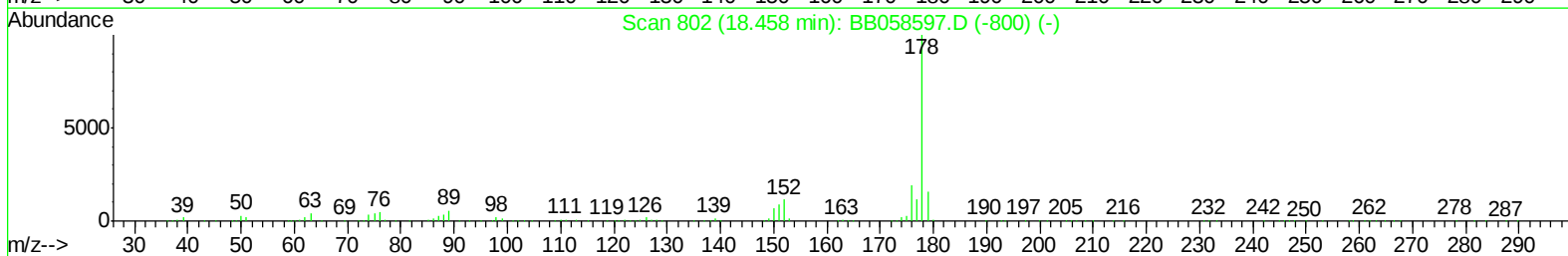
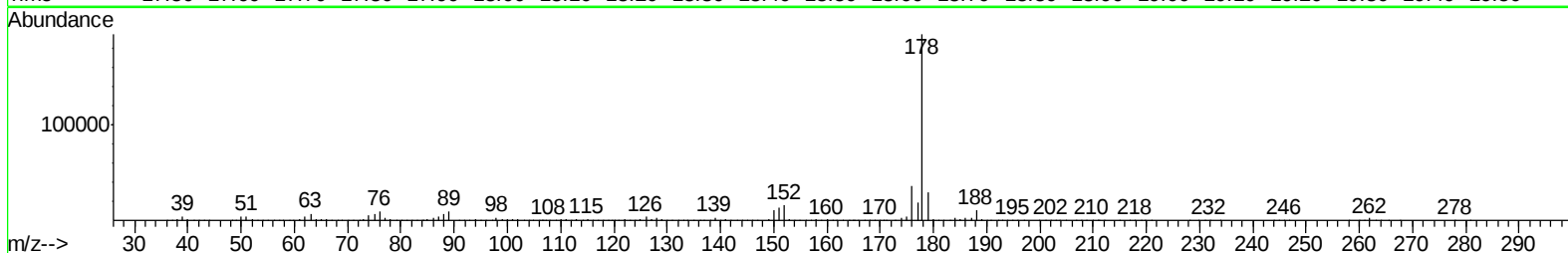
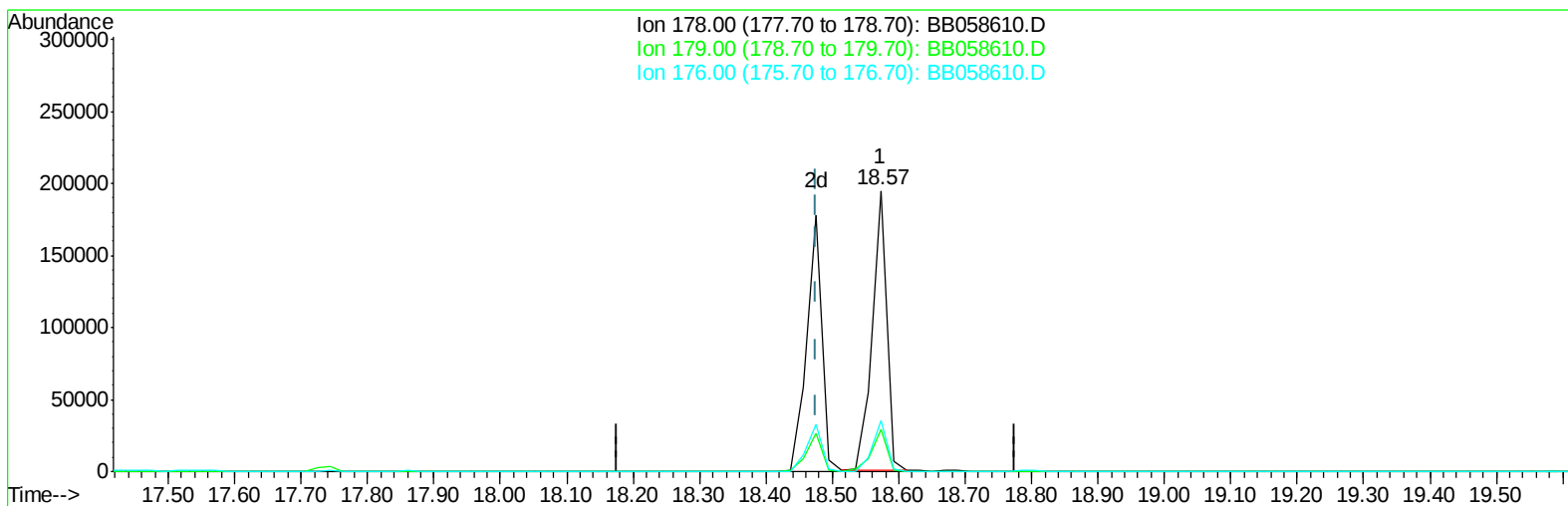
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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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TIC: BB058610.D

(69) Phenanthrene

18.573min (+0.096) 3.18ng/ul

response 294750

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.17
176.00	18.90	18.25
0.00	0.00	0.00

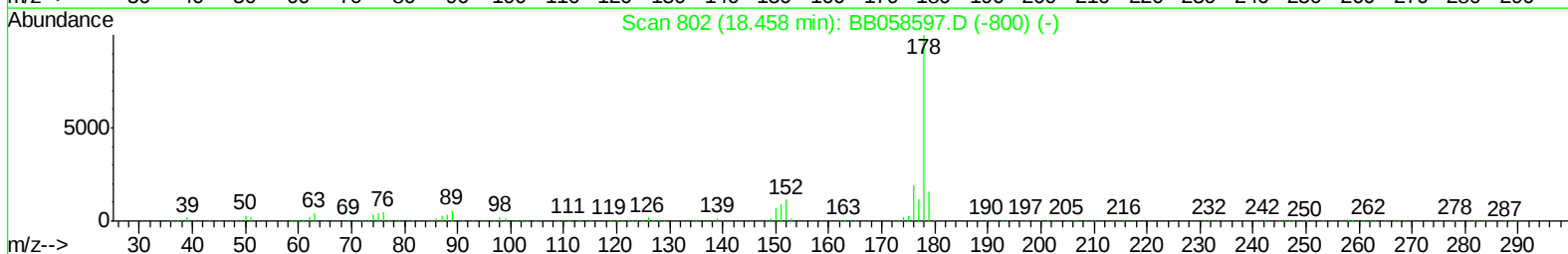
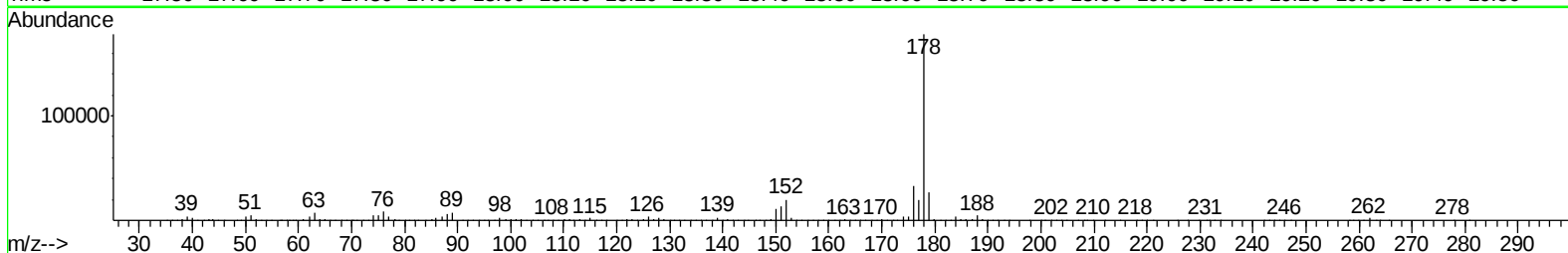
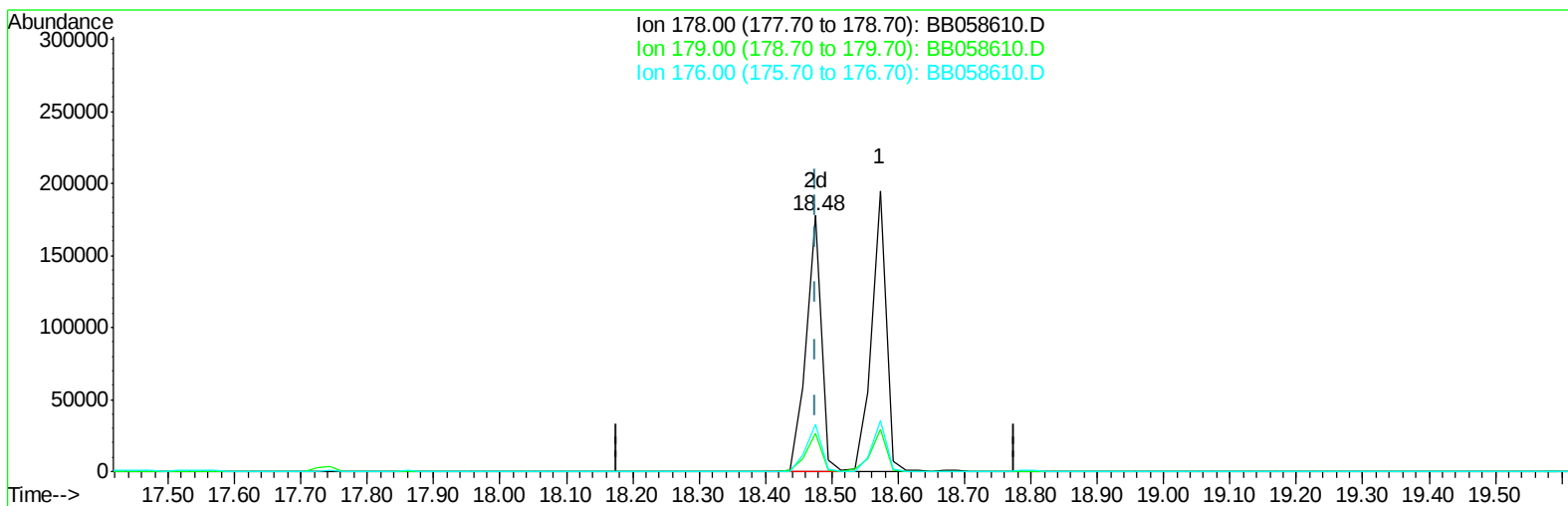
Data Path : Z:\HPCHEM1\BNA_B\Data\BB101116\
Data File : BB058610.D
Acq On : 11 Oct 2016 18:03
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-07-S

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Quant Title : SVOA CALIBRATION
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Manual Integrations
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10/11/2016 7:10:48 PM



TIC: BB058610.D

(69) Phenanthrene

18.476min (-0.000) 3.06ng/ul m

response 284031

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	14.87
176.00	18.90	18.40
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101116\
 Data File : BB058610.D
 Acq On : 11 Oct 2016 18:03
 Operator : UM/SJ
 Sample : MDL-07-S
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-07-S

Manual Integrations
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 10/11/2016 7:10:48 PM

Quant Time: Oct 11 18:48:13 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 16:28:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	492901	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1864678	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1127149	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.44	188	1863133m	20.00	ng/ul	0.00
75) Chrysene-d12	22.81	240	1876855	20.00	ng/ul	0.00
83) Perylene-d12	25.95	264	1533624	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.63	96	71951	6.61	ng/uL	0.00
5) Phenol-d5	7.79	99	1034266	28.88	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.94	67	701947	29.26	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1182176	31.83	ng/ul	-0.02
13) 4-Methylphenol-d8	9.43	113	872085	29.42	ng/ul	-0.02
19) Nitrobenzene-d5	9.89	128	608045	31.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	688245	33.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	934186	31.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1214412	34.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2442432	32.59	ng/ul	-0.02
46) Acenaphthylene-d8	15.26	160	2851021	32.26	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	486337	28.26	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1952142	31.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	489987	24.77	ng/ul	-0.02
70) Anthracene-d10	18.53	188	2653381	31.84	ng/ul	0.00
76) Pyrene-d10	20.88	212	2965479	35.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.73	264	2315319	33.06	ng/ul	0.04

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.67	88	9419	0.87 ng/uL#	60
4) Benzaldehyde	7.73	77	56286	2.44 ng/ul	91
6) Phenol	7.83	94	97277	2.74 ng/ul#	69
8) Bis(2-Chloroethyl)ether	8.04	93	81239	2.78 ng/ul	90
10) 2-Chlorophenol	8.21	128	98181	2.78 ng/ul	97
11) 2-Methylphenol	9.16	108	76948	2.70 ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	9.23	45	135559	2.63 ng/ul#	91
14) Acetophenone	9.52	105	124264	2.86 ng/ul#	75
15) N-Nitroso-di-n-propylamine	9.54	70	68971	2.69 ng/ul#	62
16) 4-Methylphenol	9.50	108	83155	2.70 ng/ul	90
17) Hexachloroethane	9.83	117	48579	2.84 ng/ul#	79
20) Nitrobenzene	9.93	77	104134	2.88 ng/ul#	83
21) Isophorone	10.49	82	191686	2.74 ng/ul#	93
23) 2-Nitrophenol	10.68	139	62292	2.88 ng/ul	95
24) 2,4-Dimethylphenol	10.76	107	99291	2.80 ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.99	93	92645	2.75 ng/ul#	91
27) 2,4-Dichlorophenol	11.26	162	91343	3.10 ng/ul	88
28) Naphthalene	11.68	128	265321	2.99 ng/ul	99
30) 4-Chloroaniline	11.78	127	100197	2.99 ng/ul	91
31) Hexachlorobutadiene	12.03	225	59256	2.95 ng/ul	99
32) Caprolactam	12.58	113	25774	2.41 ng/ul	86
33) 4-Chloro-3-methylphenol	12.95	107	80227	2.73 ng/ul#	78
34) 2-Methylnaphthalene	13.34	142	182189	2.97 ng/ul	99

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 10/11/2016 7:10:48 PM

Quant Time: Oct 11 18:48:13 2016
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	102082	2.95	ng/ul#	96
37) Hexachlorocyclopentadiene	13.72	237	38280	1.75	ng/ul#	90
38) 2,4,6-Trichlorophenol	13.97	196	59932	2.85	ng/ul	98
39) 2,4,5-Trichlorophenol	14.03	196	61722	2.77	ng/ul	99
40) 1,1'-Biphenyl	14.38	154	222891	2.95	ng/ul#	96
41) 2-Chloronaphthalene	14.41	162	176014	2.92	ng/ul	96
42) 2-Nitroaniline	14.61	65	58446	2.53	ng/ul#	77
44) Dimethylphthalate	15.01	163	221406	2.95	ng/ul#	95
45) 2,6-Dinitrotoluene	15.11	165	54728	2.89	ng/ul	93
47) Acenaphthylene	15.28	152	269498	3.14	ng/ul	100
48) 3-Nitroaniline	14.61	138	62814	2.54	ng/ul#	35
49) Acenaphthene	15.65	153	173876	2.95	ng/ul	92
50) 2,4-Dinitrophenol	15.67	184	17943	1.33	ng/ul#	54
52) 4-Nitrophenol	15.78	109	30945	2.21	ng/ul#	32
53) Dibenzofuran	15.99	168	255575	3.05	ng/ul	97
54) 2,4-Dinitrotoluene	15.93	165	72223	2.73	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	16.24	232	53249	2.73	ng/ul#	93
56) Diethylphthalate	16.42	149	237461	3.05	ng/ul#	91
58) Fluorene	16.67	166	204341	3.00	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	103567	2.82	ng/ul#	85
60) 4-Nitroaniline	16.65	138	33738	1.73	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.74	198	49376	2.50	ng/ul	95
64) N-Nitrosodiphenylamine	16.86	169	166965	2.78	ng/ul	94
65) 4-Bromophenyl-phenylether	17.59	248	64761m	2.71	ng/ul	
66) Hexachlorobenzene	17.74	284	69958	2.92	ng/ul	97
67) Atrazine	17.86	200	59770	2.61	ng/ul#	88
68) Pentachlorophenol	18.09	266	34189	2.02	ng/ul	94
69) Phenanthrene	18.48	178	284031m	3.06	ng/ul	
71) Anthracene	18.57	178	294750	3.11	ng/ul	100
72) Carbazole	18.84	167	241968	3.06	ng/ul	98
73) Di-n-butylphthalate	19.42	149	454284	3.51	ng/ul	99
74) Fluoranthene	20.54	202	315121	3.34	ng/ul#	93
77) Pyrene	20.90	202	330897	3.37	ng/ul	98
78) Butylbenzylphthalate	21.81	149	178669	2.81	ng/ul#	94
79) 3,3'-Dichlorobenzidine	22.69	252	62541	1.89	ng/ul#	96
80) Benzo(a)anthracene	22.79	228	307183	3.21	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.71	149	235376	2.79	ng/ul#	93
82) Chrysene	22.87	228	281536	3.14	ng/ul	97
84) Di-n-octyl phthalate	22.71	149	235376	2.95	ng/ul#	69
85) Benzo(b)fluoranthene	24.96	252	263635	2.60	ng/ul	99
86) Benzo(k)fluoranthene	25.02	252	262376	3.34	ng/ul	97
88) Benzo(a)pyrene	25.79	252	235745	2.77	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.28	276	181327	2.43	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.32	278	142816	2.31	ng/ul#	92
91) Benzo(g,h,i)perylene	30.30	276	146995	2.50	ng/ul	95

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

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