

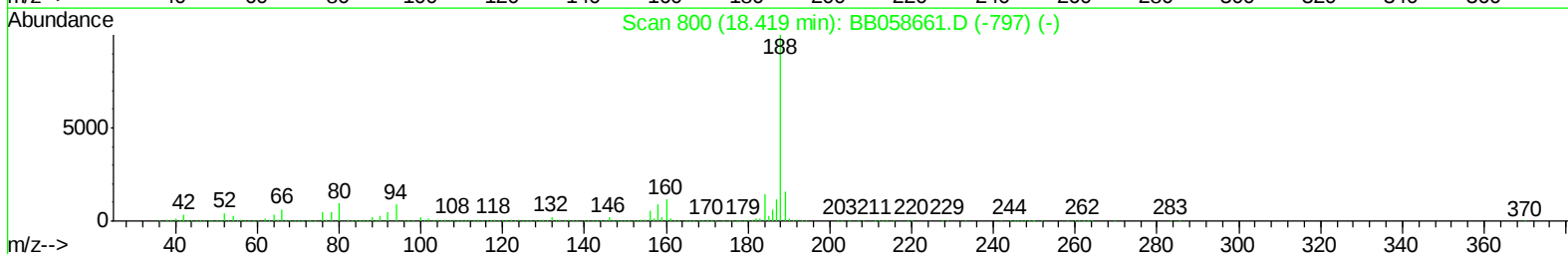
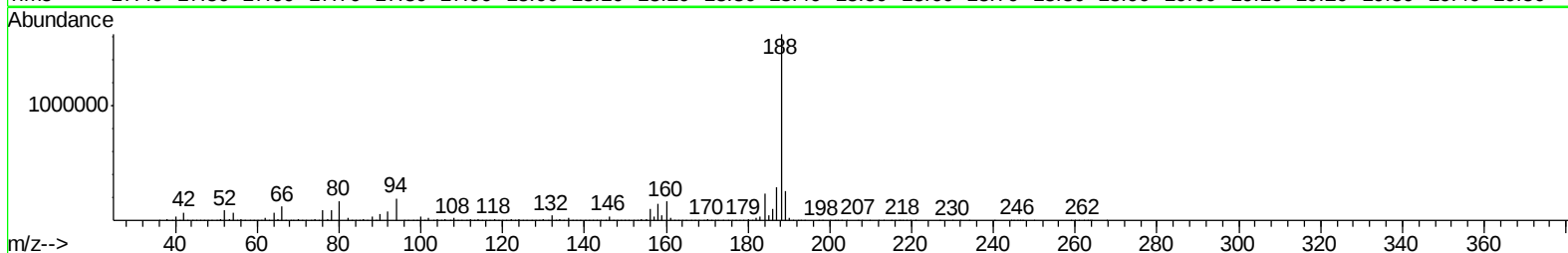
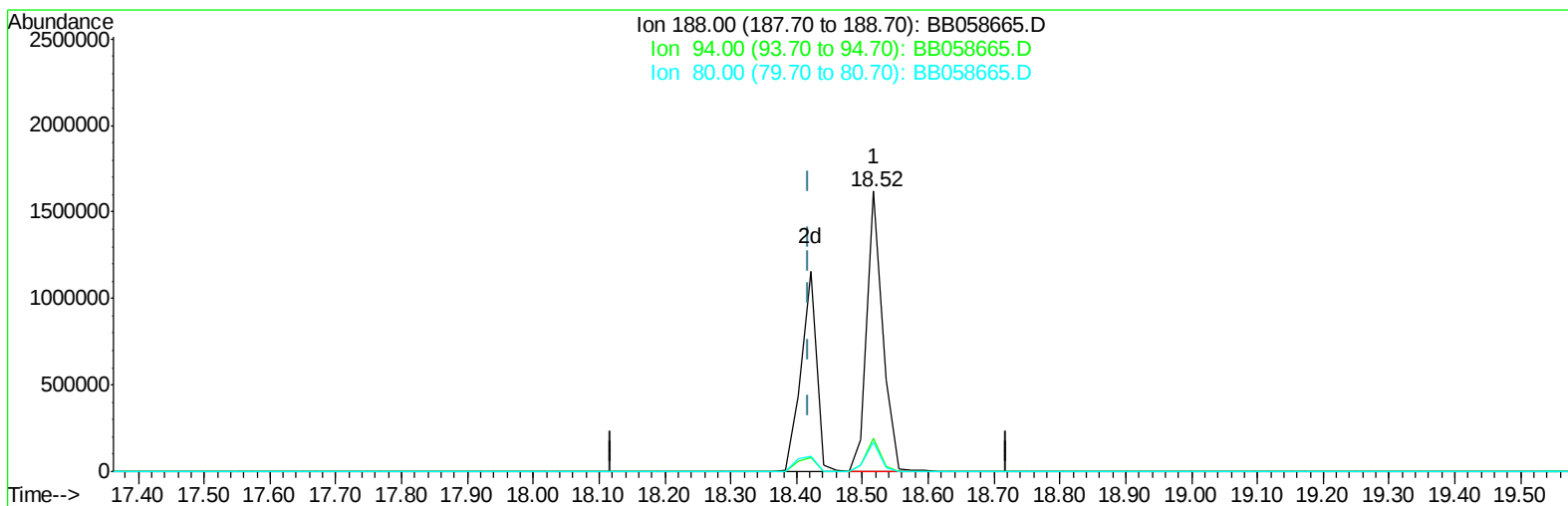
Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
Data File : BB058665.D
Acq On : 19 Oct 2016 23:35
Operator : UM/SJ
Sample : MDL-04-S-ML
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-04-S-ML

Manual Integrations
APPROVED

umangi
10/20/2016 5:02:56 PM

Quant Time: Oct 20 04:40:24 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 04:39:59 2016
Response via : Initial Calibration



TIC: BB058665.D

(20) Anthracene-d10 (S)

18.517min (+0.098) 31.29ng/ul

response 2701566

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	11.83
80.00	9.10	10.33
0.00	0.00	0.00

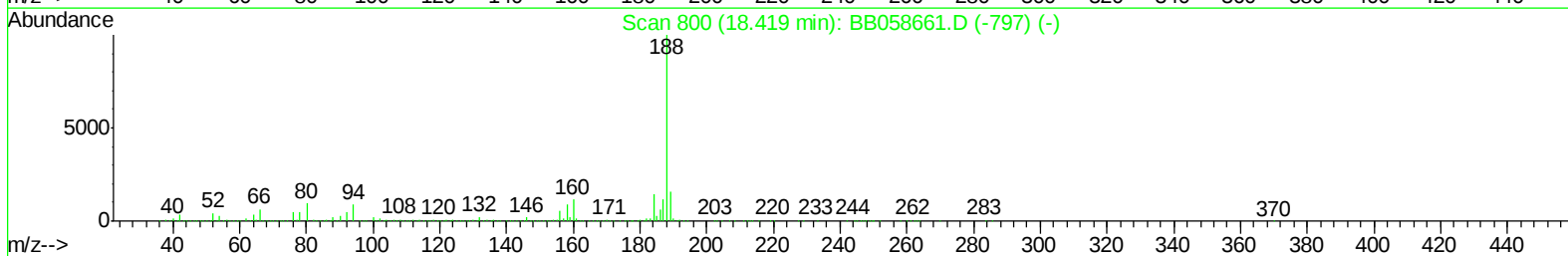
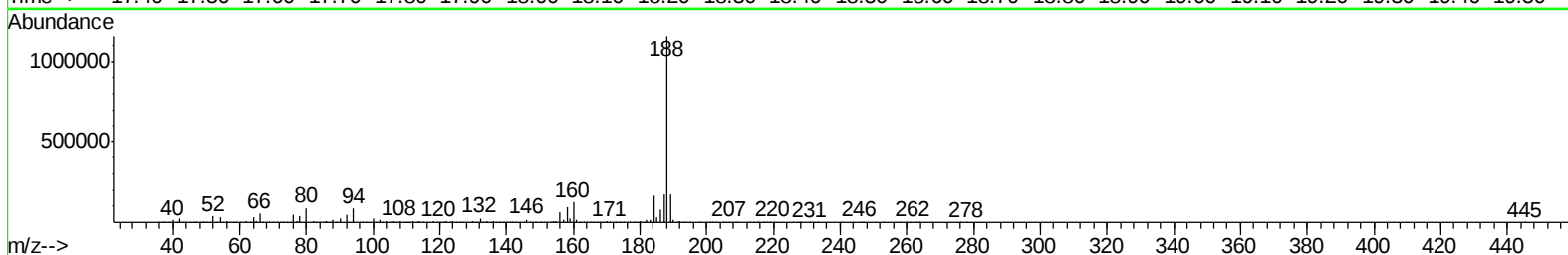
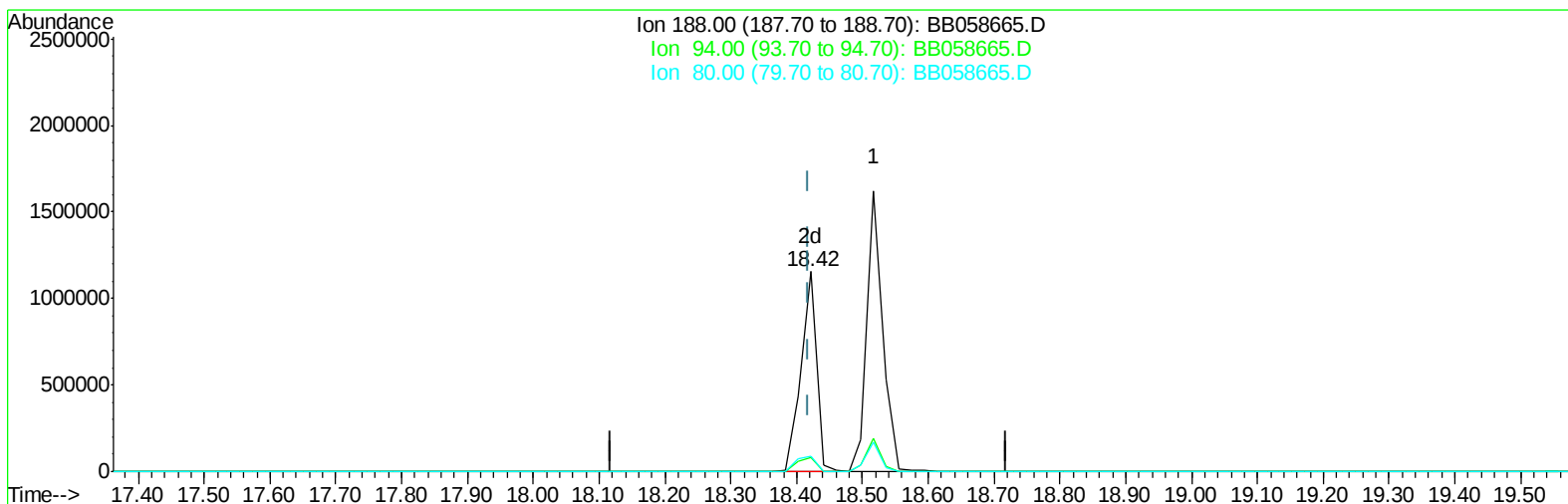
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(20) Anthracene-d10 (S)

18.421min (+0.002) 22.01ng/ul m

response 1899967

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	7.33#
80.00	9.10	7.68
0.00	0.00	0.00

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Quant Time: Oct 20 05:08:43 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 04:39:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	539618	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2128523	20.00	ng/ul	0.00
13) Acenaphthene-d10	15.57	164	1179976	20.00	ng/ul	-0.02
18) Phenanthrene-d10	18.42	188	1899360	20.00	ng/ul	0.00
23) Chrysene-d12	22.77	240	1813335	20.00	ng/ul	-0.02
25) Perylene-d12	25.85	264	1263960	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.65	96	98611	7.94	ng/uL	0.00
3) Phenol-d5	7.81	99	1395095	33.77	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.95	67	1075276	36.96	ng/ul	-0.02
5) 2-Chlorophenol-d4	8.20	132	1362898	33.26	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1122735	33.75	ng/ul	0.00
8) Nitrobenzene-d5	9.89	128	707737	33.26	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	779370	33.69	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	981949	30.82	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1498647	36.79	ng/ul	0.00
14) Dimethylphthalate-d6	14.96	166	2802297	35.86	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3208923	34.92	ng/ul	0.00
16) 4-Nitrophenol-d4	15.76	143	517326	29.37	ng/ul	-0.02
17) Fluorene-d10	16.61	176	2190044	34.41	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.71	200	475491	23.83	ng/ul	-0.02
20) Anthracene-d10	18.42	188	1899967m	22.01	ng/ul	0.00
24) Pyrene-d10	20.87	212	3177247	39.35	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	1951407	34.25	ng/ul	0.00

Target Compounds						Qvalue
12) 1-Methylnaphthalene	13.55	142	206815	3.07	ng/ul#	95
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	92773	2.77	ng/uL	99
22) Pentachlorobenzene	15.92	250	84181	2.57	ng/uL	99

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

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