

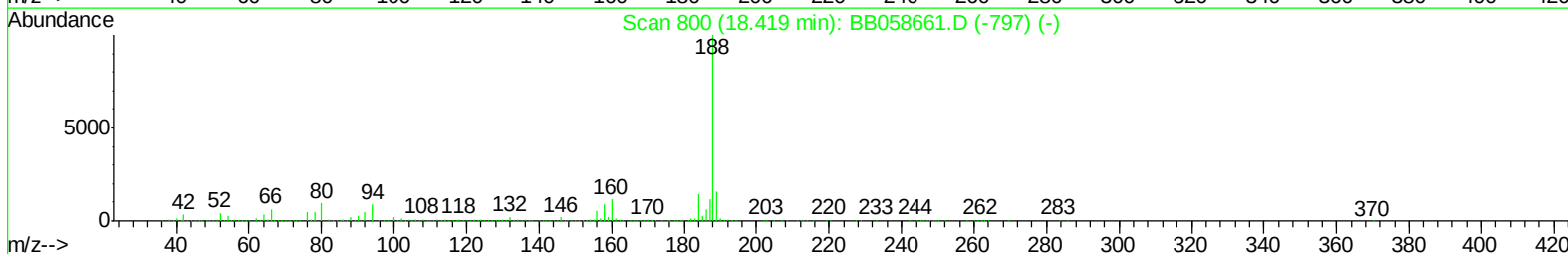
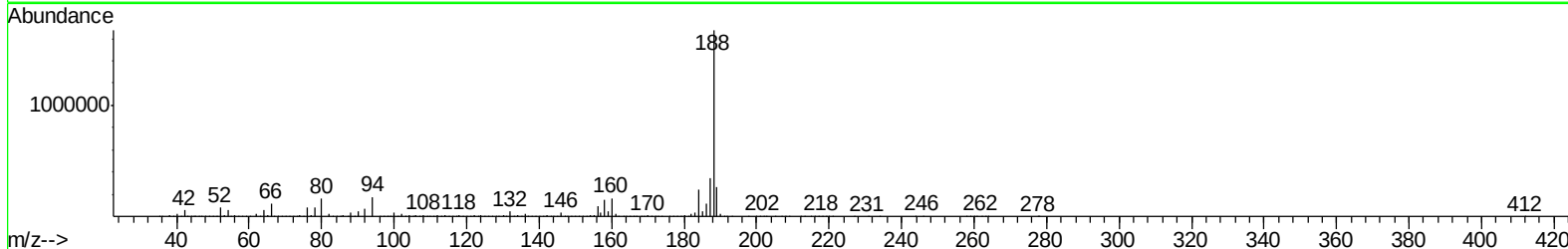
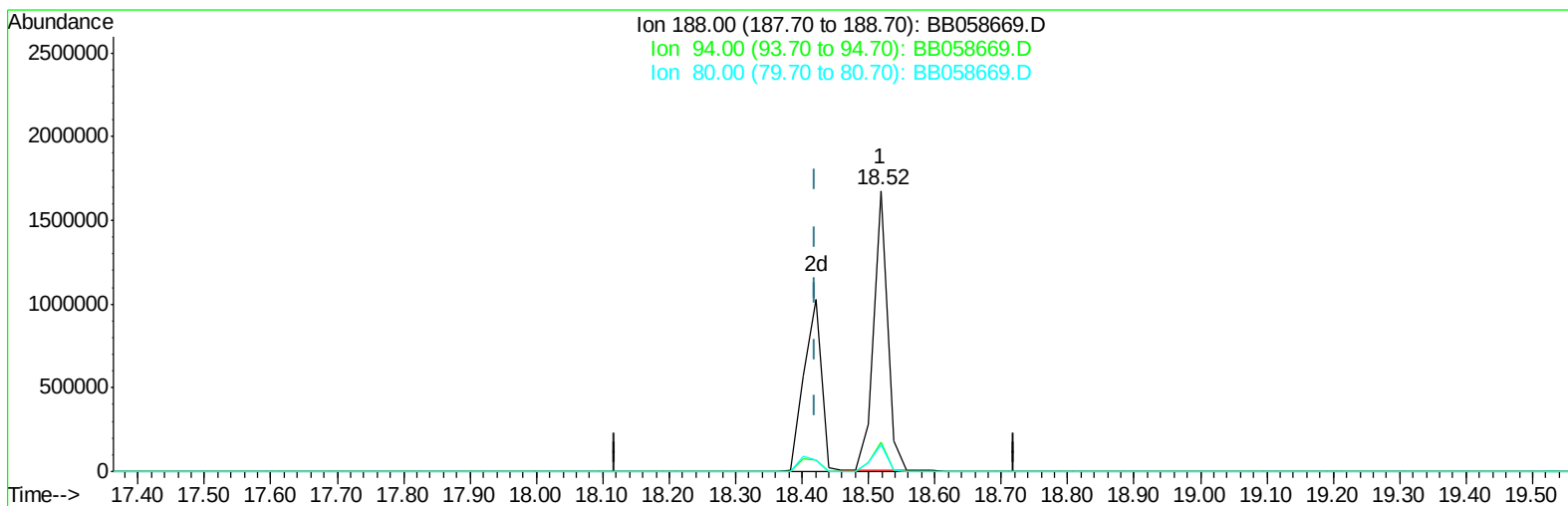
Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
Data File : BB058669.D
Acq On : 20 Oct 2016 2:17
Operator : UM/SJ
Sample : MDL-BLK-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
APPROVED

umangi
10/20/2016 5:03:06 PM

Quant Time: Oct 20 04:40:53 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: BB058669.D

(18) Phenanthrene-d10 (I)

18.518min (+0.099) 20.00ng/ul

response 2467601

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.38
80.00	9.70	9.37
0.00	0.00	0.00

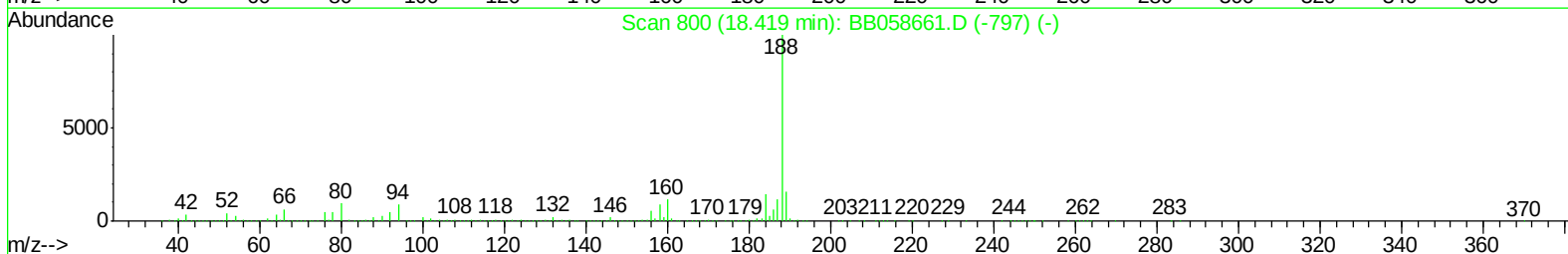
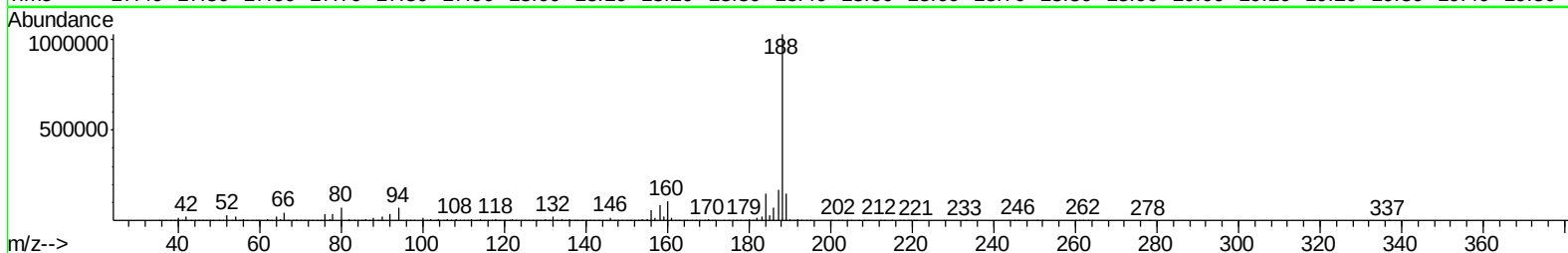
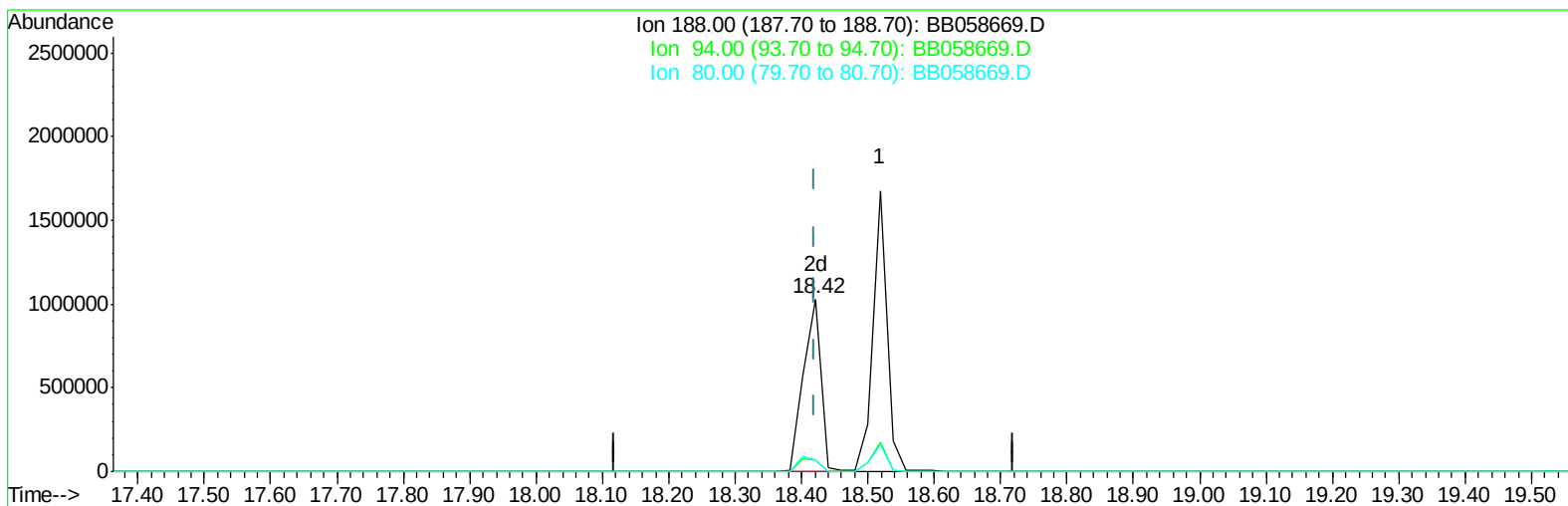
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Instrument :
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Response via : Initial Calibration



TIC: BB058669.D

(18) Phenanthrene-d10 (I)

18.422min (+0.002) 20.00ng/ul m

response 1892983

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.61#
80.00	9.70	6.87#
0.00	0.00	0.00

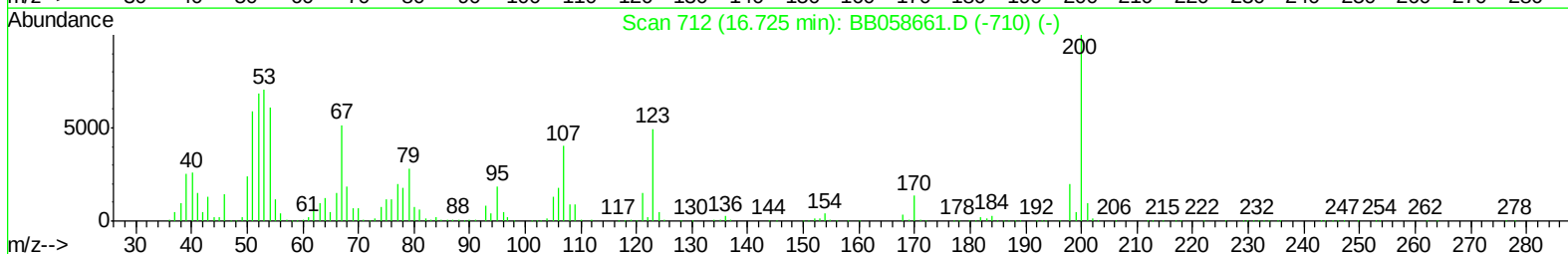
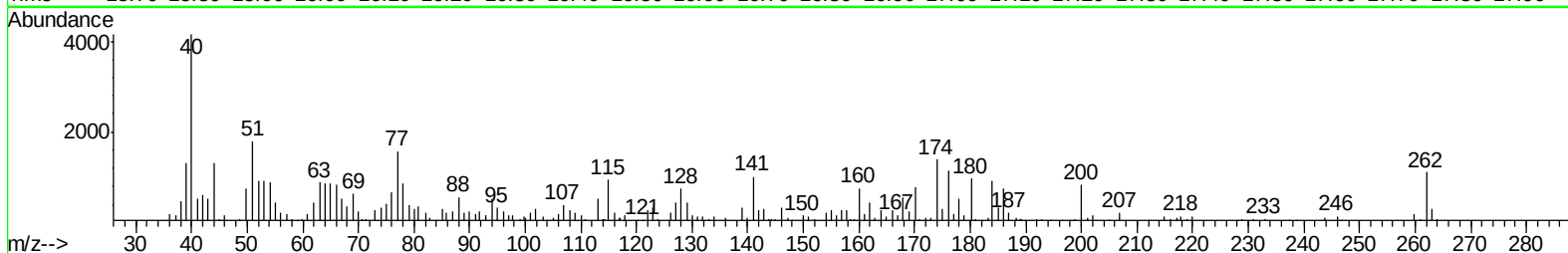
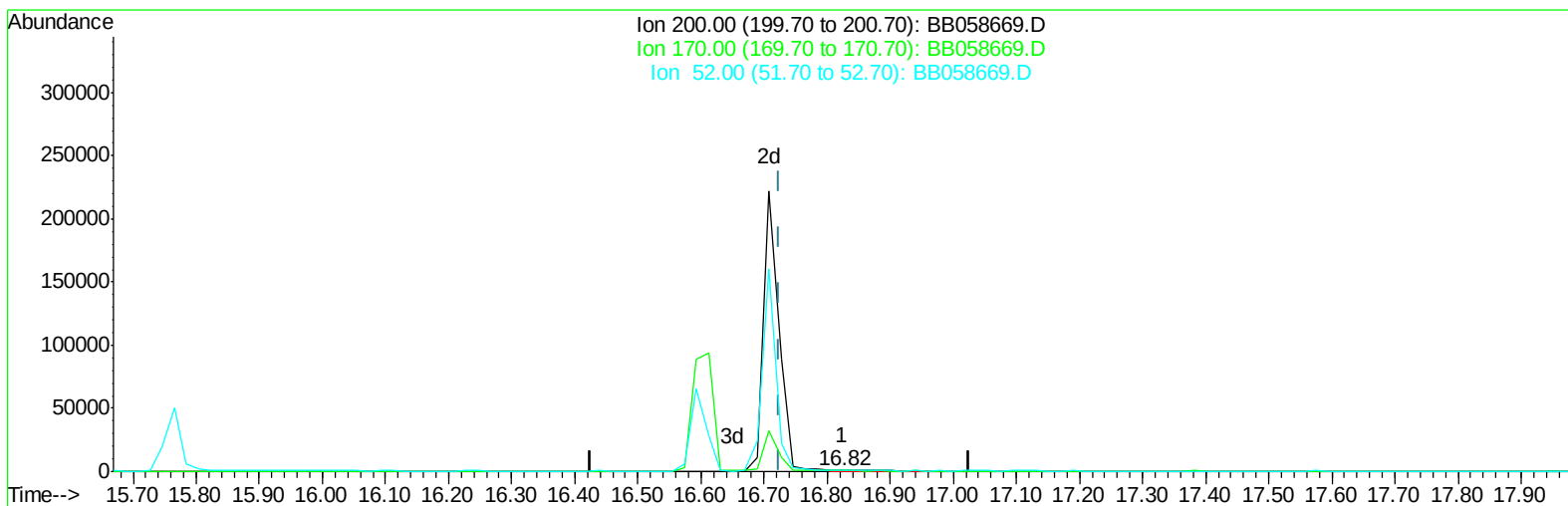
Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
Data File : BB058669.D
Acq On : 20 Oct 2016 2:17
Operator : UM/SJ
Sample : MDL-BLK-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
APPROVED

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Quant Time: Oct 20 05:11:53 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: BB058669.D

(19) 4,6-Dinitro-2-methylphenol-d2 (S)

16.824min (+0.099) 0.21ng/ul

response 4275

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	94.21#
52.00	33.60	112.79#
0.00	0.00	0.00

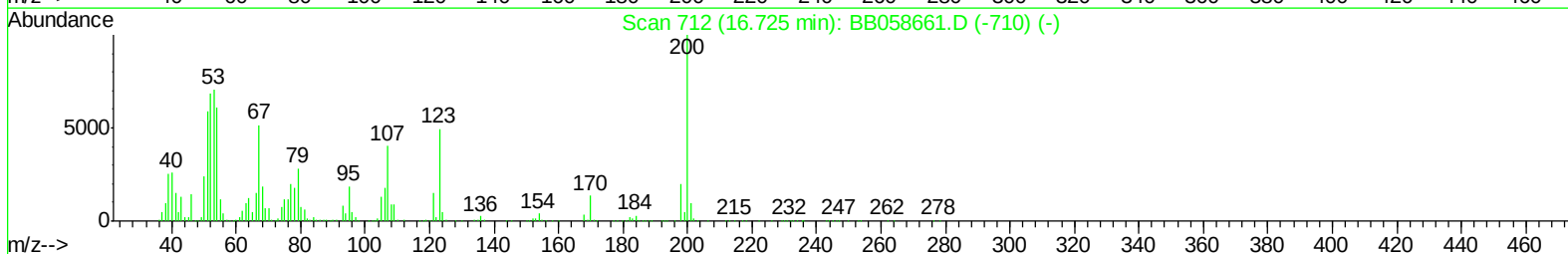
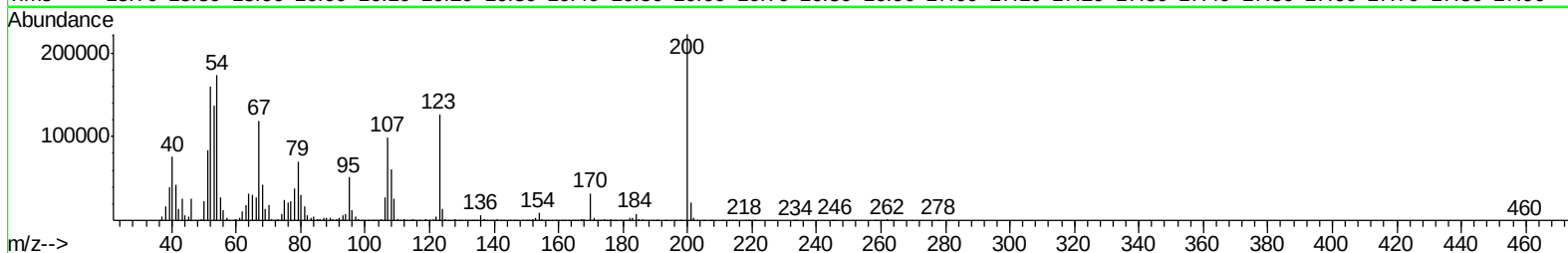
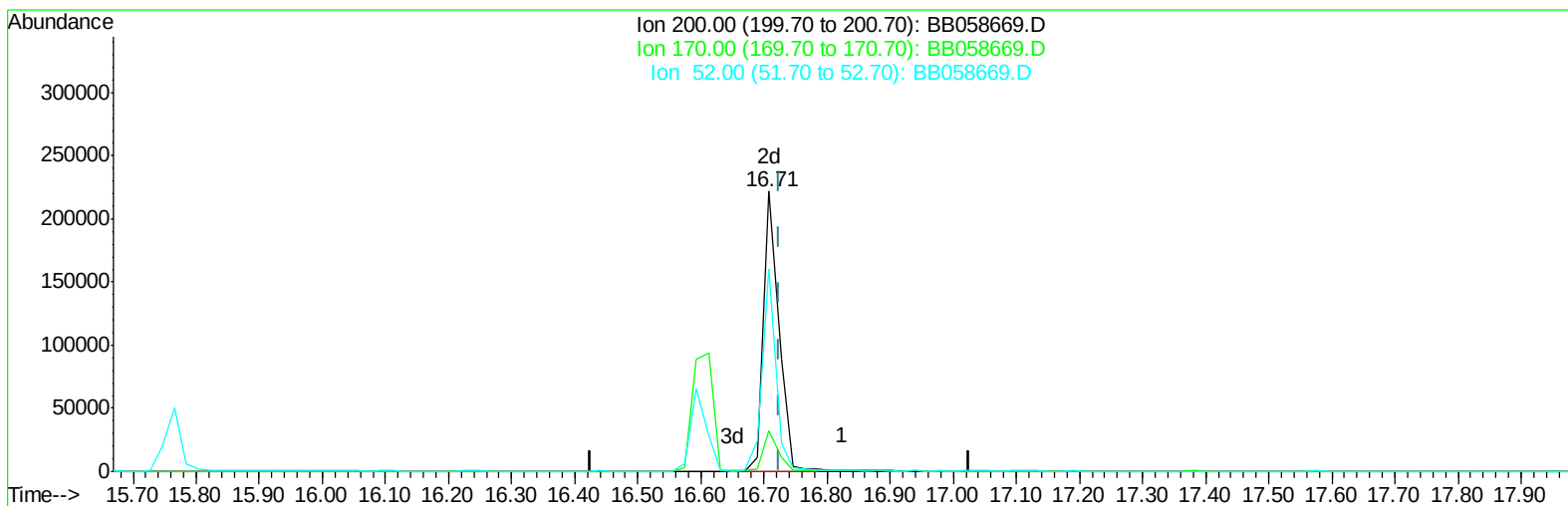
Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
Data File : BB058669.D
Acq On : 20 Oct 2016 2:17
Operator : UM/SJ
Sample : MDL-BLK-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
APPROVED

umangi
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Quant Time: Oct 20 05:11:53 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BB058669.D

(19) 4,6-Dinitro-2-methylphenol-d2 (S)

16.708min (-0.017) 19.16ng/ul m

response 380989

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	14.55#
52.00	33.60	72.25#
0.00	0.00	0.00

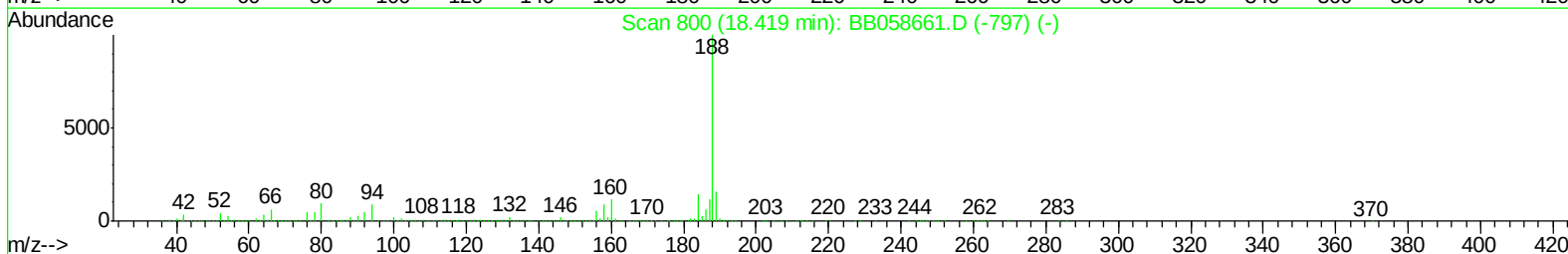
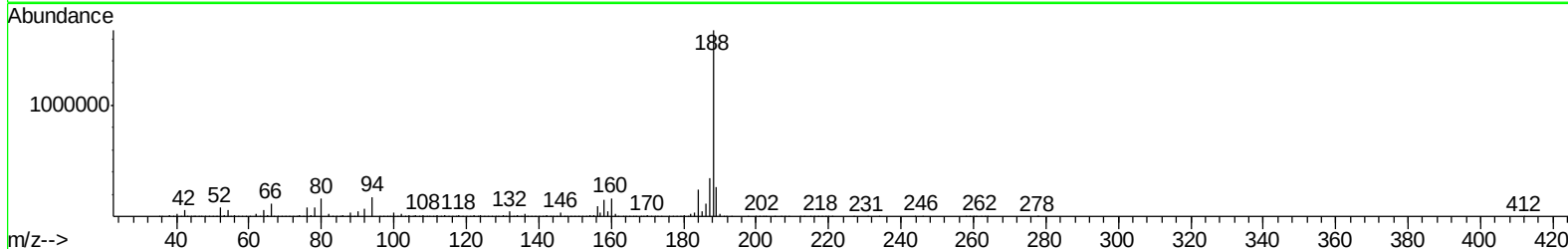
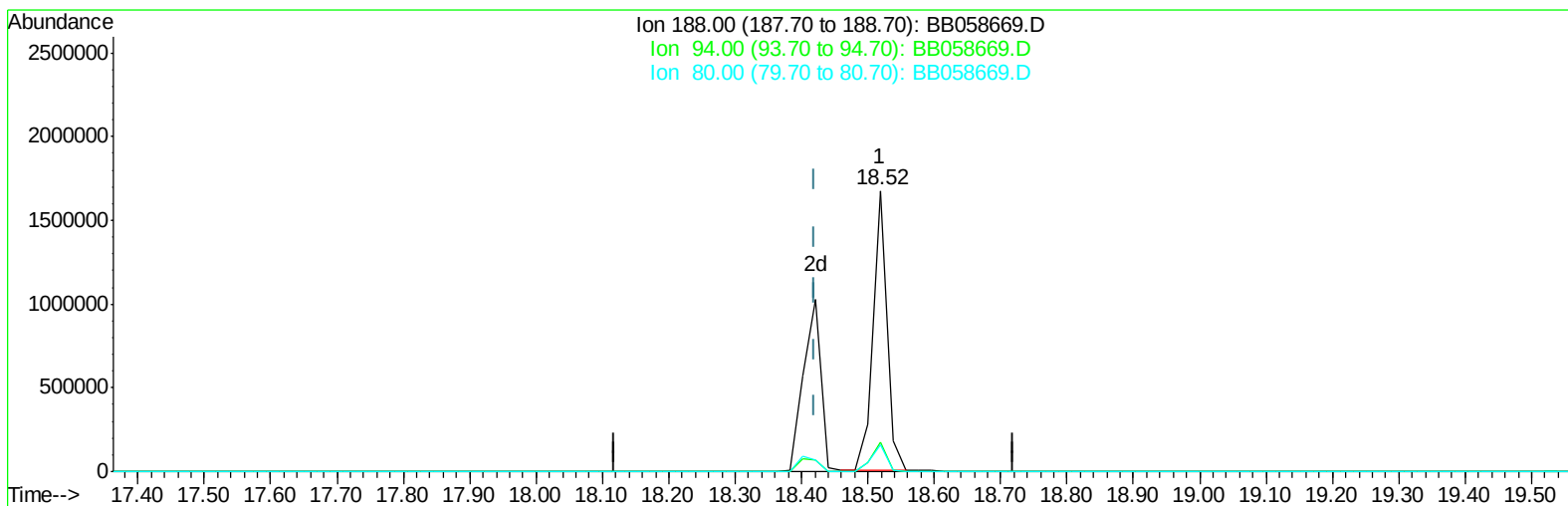
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Sample : MDL-BLK-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
APPROVED

umangi
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Quant Time: Oct 20 05:11:53 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 04:39:59 2016
Response via : Initial Calibration



TIC: BB058669.D

(20) Anthracene-d10 (S)

18.518min (+0.099) 28.68ng/ul

response 2467601

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	10.38
80.00	9.10	9.37
0.00	0.00	0.00

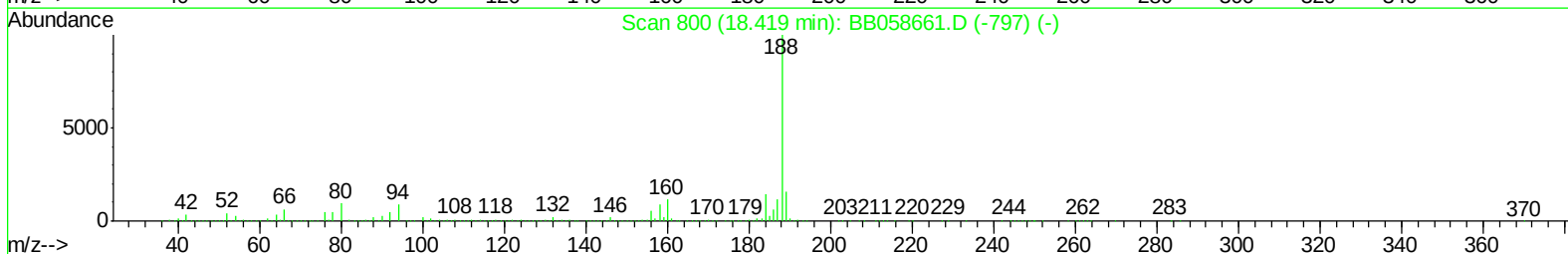
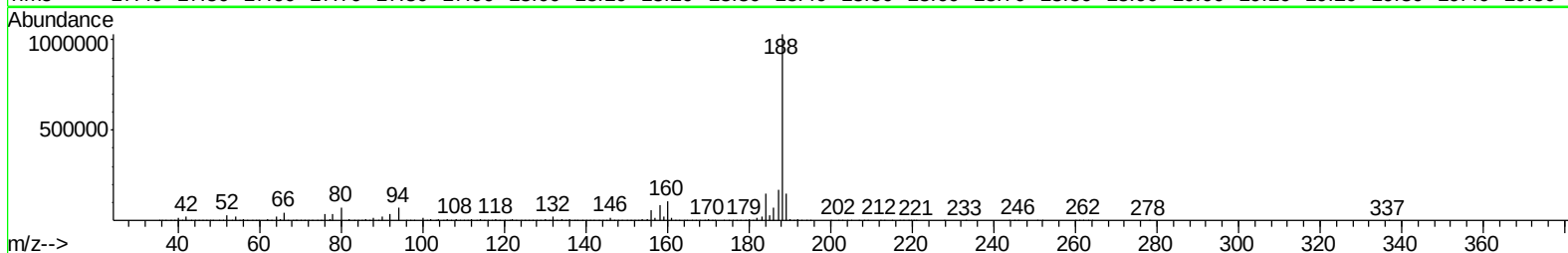
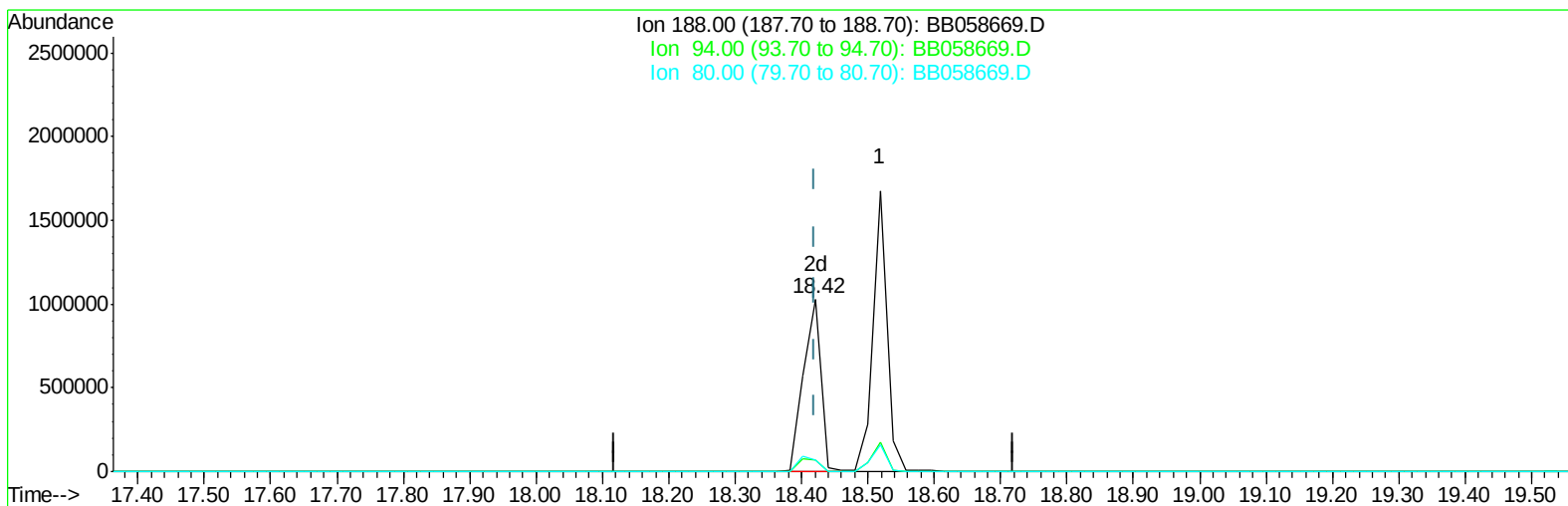
Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
Data File : BB058669.D
Acq On : 20 Oct 2016 2:17
Operator : UM/SJ
Sample : MDL-BLK-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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QLast Update : Thu Oct 20 04:39:59 2016
Response via : Initial Calibration



TIC: BB058669.D

(20) Anthracene-d10 (S)

18.422min (+0.002) 22.00ng/ul m

response 1892983

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	6.61#
80.00	9.10	6.87#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
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 ALS Vial : 23 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Oct 20 05:12:33 2016
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 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	541679	20.00	ng/ul	0.00
7) Naphthalene-d8	11.63	136	2153176	20.00	ng/ul	0.00
13) Acenaphthene-d10	15.57	164	1196904	20.00	ng/ul	-0.02
18) Phenanthrene-d10	18.42	188	1892983m	20.00	ng/ul	0.00
23) Chrysene-d12	22.77	240	1818113	20.00	ng/ul	-0.02
25) Perylene-d12	25.85	264	1263233	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.65	96	78866	6.32	ng/uL	0.00
3) Phenol-d5	7.81	99	1225242	29.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.95	67	943544	32.31	ng/ul	-0.02
5) 2-Chlorophenol-d4	8.20	132	1190736	28.95	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	983660	29.46	ng/ul	0.00
8) Nitrobenzene-d5	9.89	128	630046	29.27	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	675166	28.85	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	853330	26.48	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1342049	32.57	ng/ul	0.00
14) Dimethylphthalate-d6	14.96	166	2459780	31.04	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	2786949	29.90	ng/ul	0.00
16) 4-Nitrophenol-d4	15.76	143	423402	23.70	ng/ul	-0.02
17) Fluorene-d10	16.61	176	1874069	29.03	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.71	200	380989m	19.16	ng/ul	-0.02
20) Anthracene-d10	18.42	188	1892983m	22.00	ng/ul	0.00
24) Pyrene-d10	20.85	212	2632495	32.52	ng/ul	-0.02
26) Benzo(a)pyrene-d12	25.64	264	1642169	28.84	ng/ul	-0.02

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

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Manual Integrations
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Quant Time: Oct 20 05:12:33 2016
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