

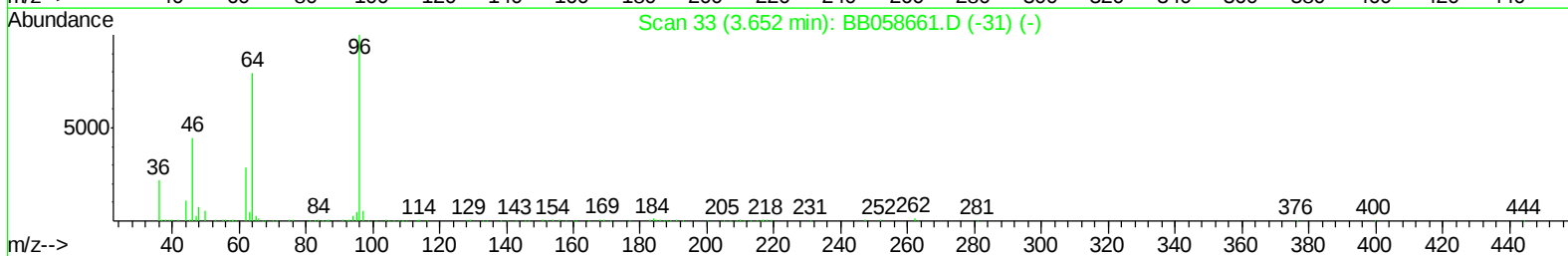
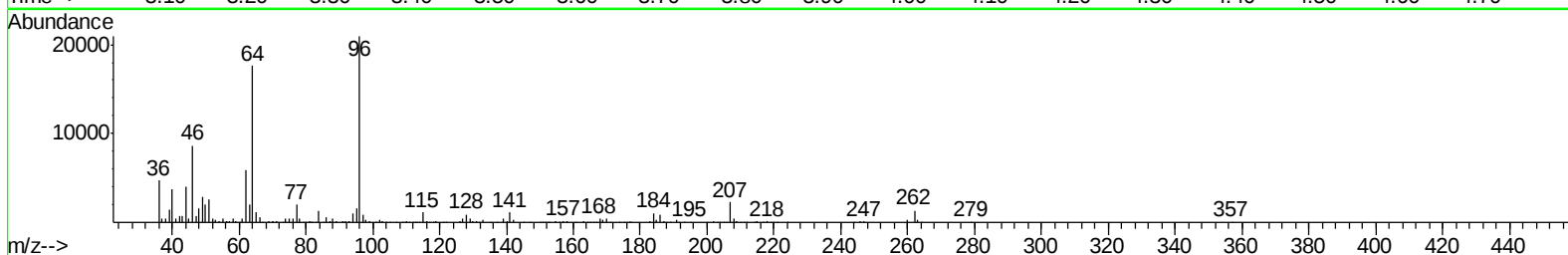
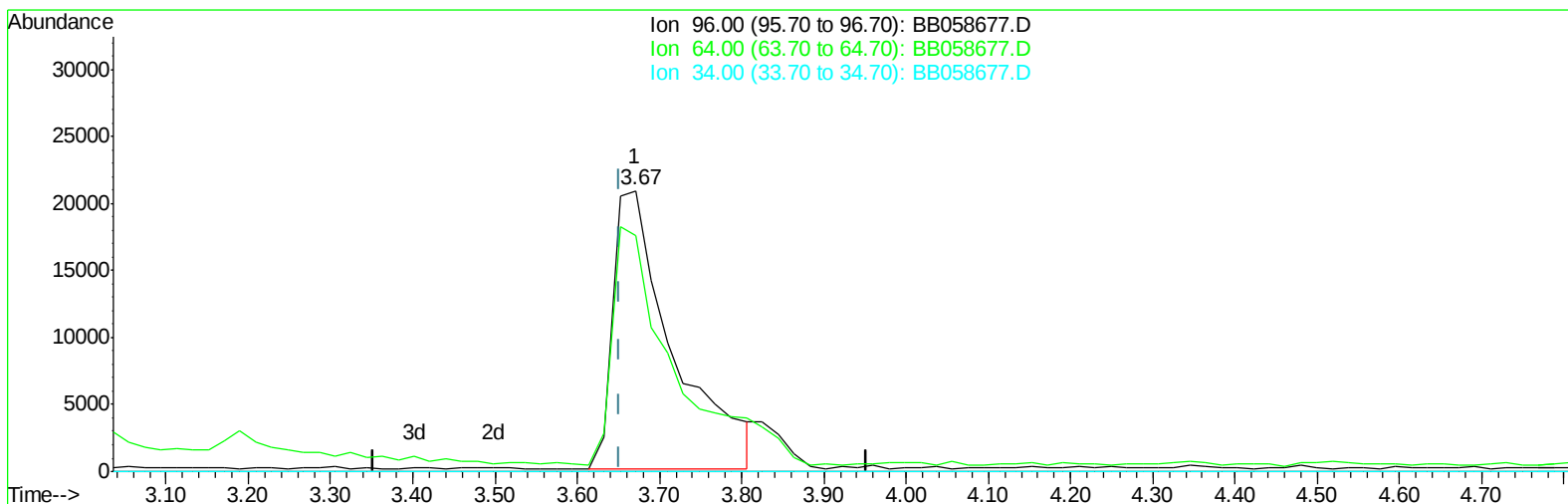
Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058677.D
Acq On : 20 Oct 2016 13:32
Operator : UM/SJ
Sample : MDL-04-W
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-04-W

Manual Integrations
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10/21/2016 12:59:51 PM

Quant Time: Oct 20 16:40:38 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 16:25:04 2016
Response via : Initial Calibration



TIC: BB058677.D

(2) 1,4-Dioxane-d8 (S)

3.671min (+0.019) 7.20ng/uL

response 105122

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	89.60#
34.00	0.00	0.00
0.00	0.00	0.00

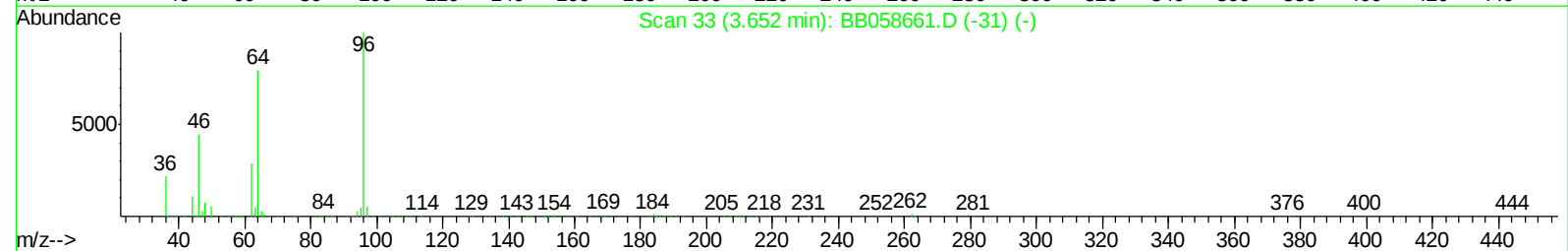
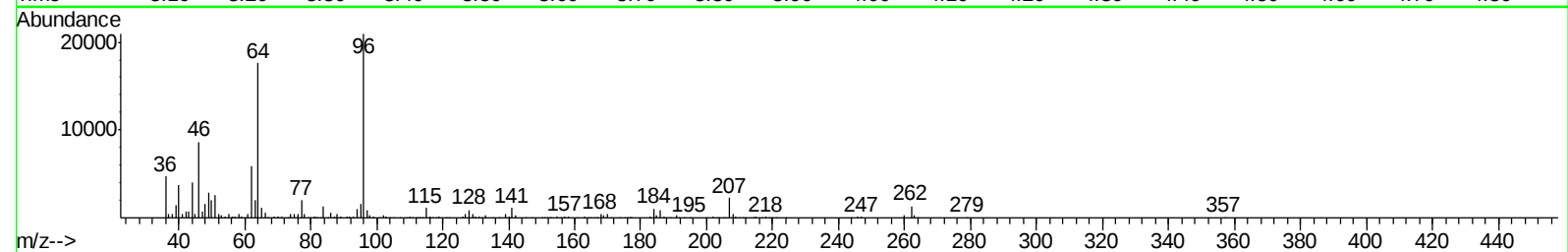
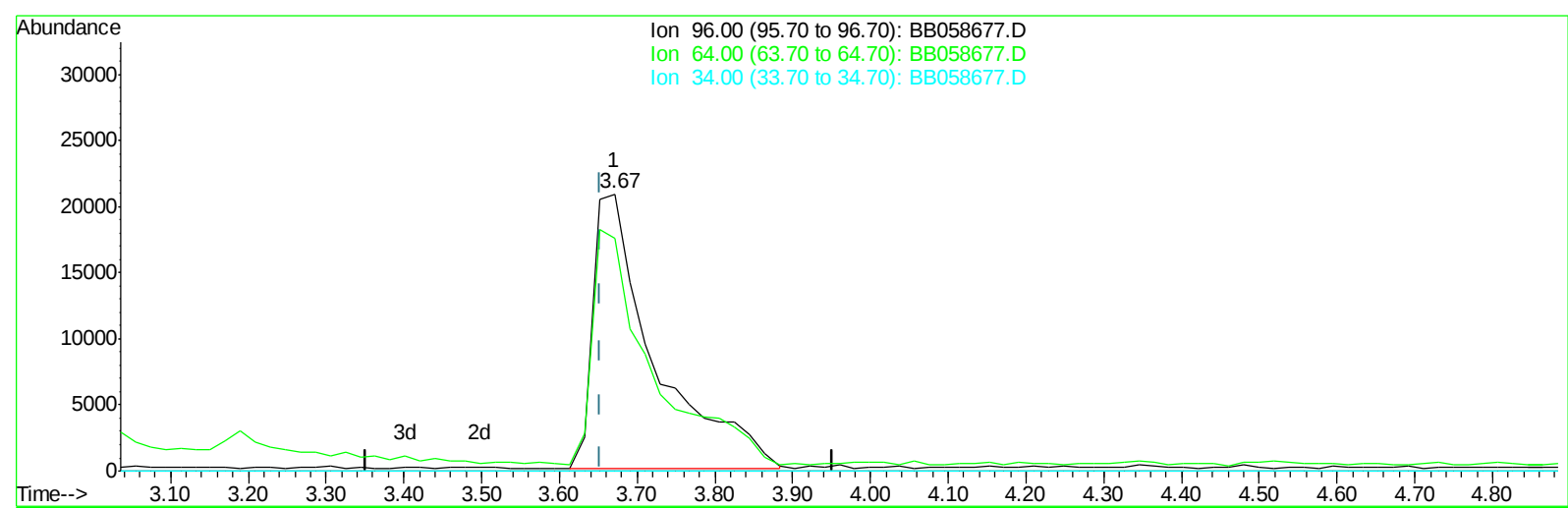
Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058677.D
Acq On : 20 Oct 2016 13:32
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Sample : MDL-04-W
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



TIC: BB058677.D

(2) 1,4-Dioxane-d8 (S)

3.671min (+0.019) 7.82ng/uL m

response 114147

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	82.51#
34.00	0.00	0.00
0.00	0.00	0.00

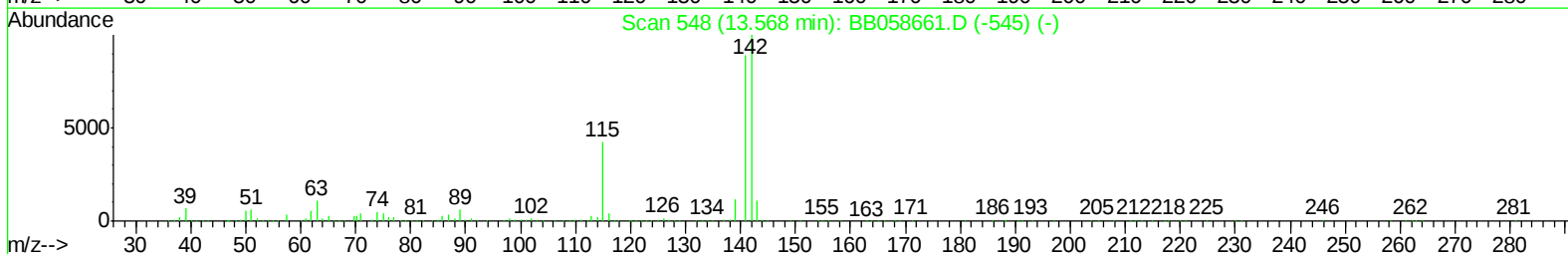
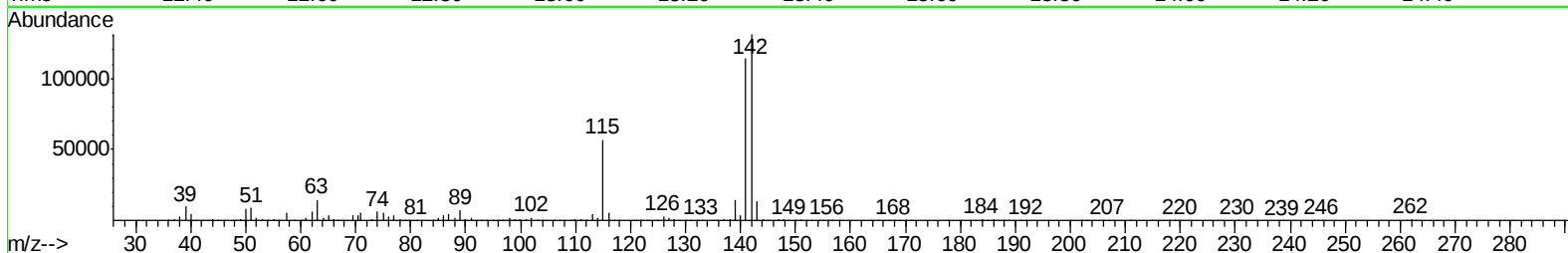
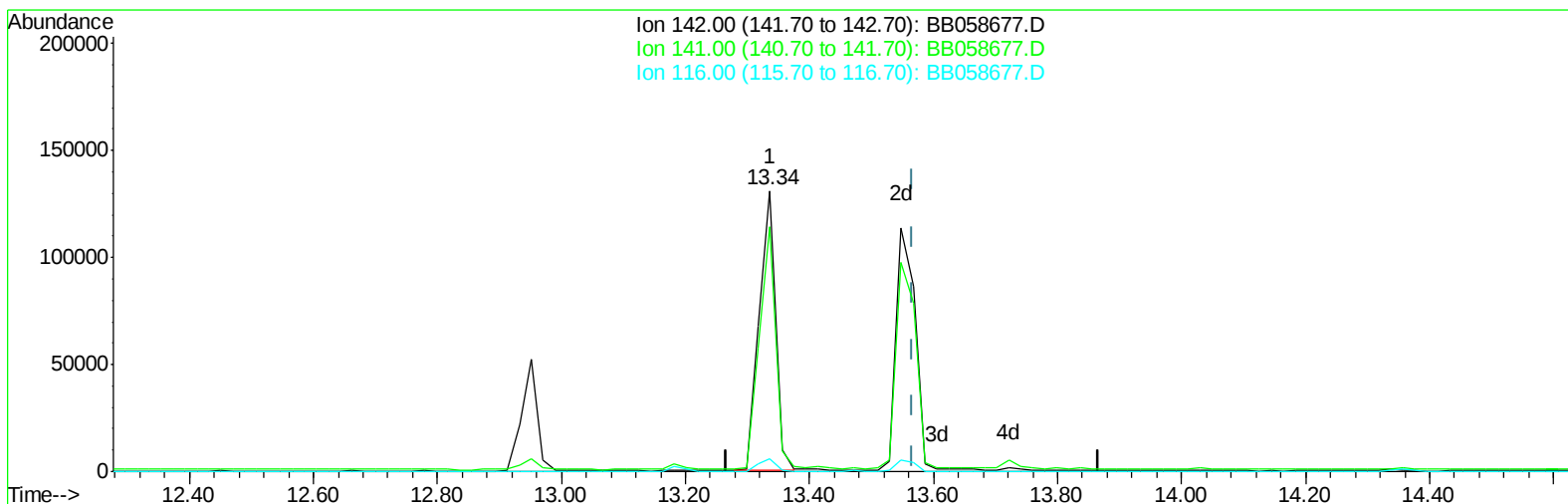
Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058677.D
Acq On : 20 Oct 2016 13:32
Operator : UM/SJ
Sample : MDL-04-W
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-04-W

Manual Integrations
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Quant Time: Oct 20 16:40:38 2016
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TIC: BB058677.D

(12) 1-Methylnaphthalene
13.336min (-0.231) 3.08ng/ul
response 242677

Ion	Exp%	Act%
142.00	100	100
141.00	93.60	87.18
116.00	3.90	4.44
0.00	0.00	0.00

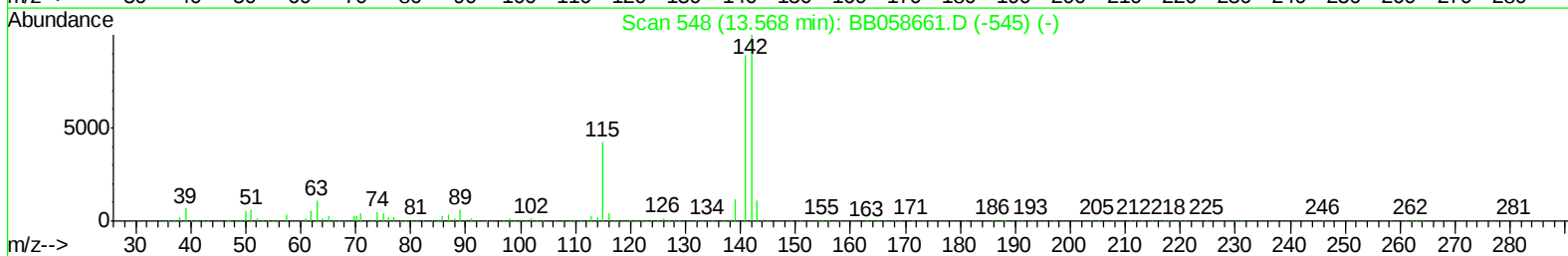
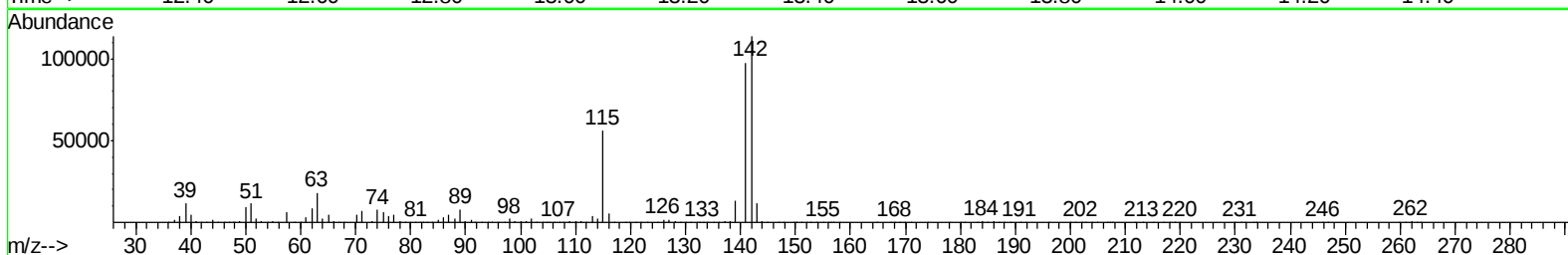
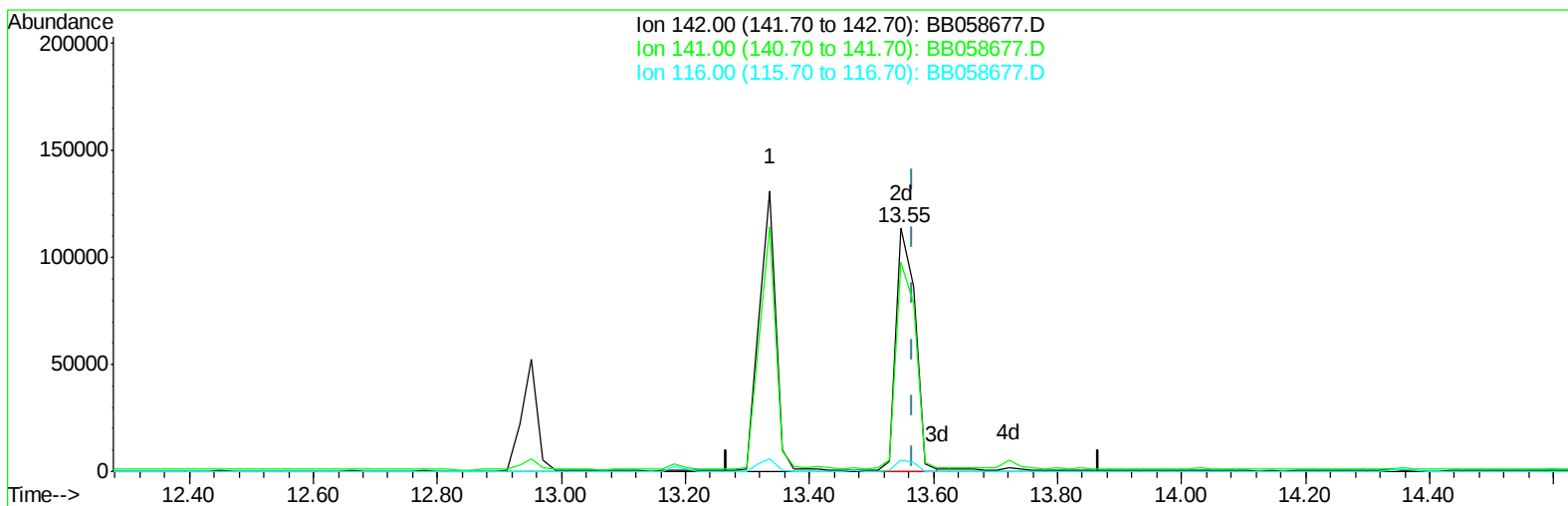
Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058677.D
Acq On : 20 Oct 2016 13:32
Operator : UM/SJ
Sample : MDL-04-W
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-04-W

Quant Time: Oct 20 16:40:38 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
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Manual Integrations
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TIC: BB058677.D

(12) 1-Methylnaphthalene

13.548min (-0.019) 3.08ng/ul m

response 242250

Ion	Exp%	Act%
142.00	100	100
141.00	93.60	85.98
116.00	3.90	4.84#
0.00	0.00	0.00

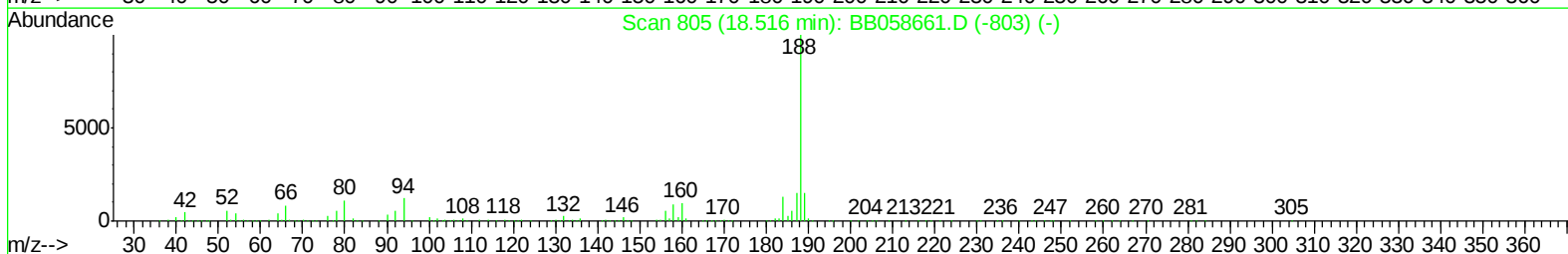
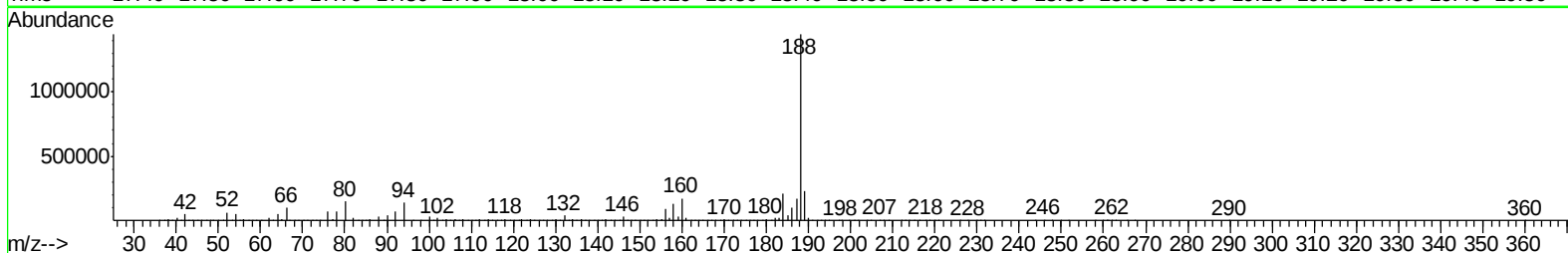
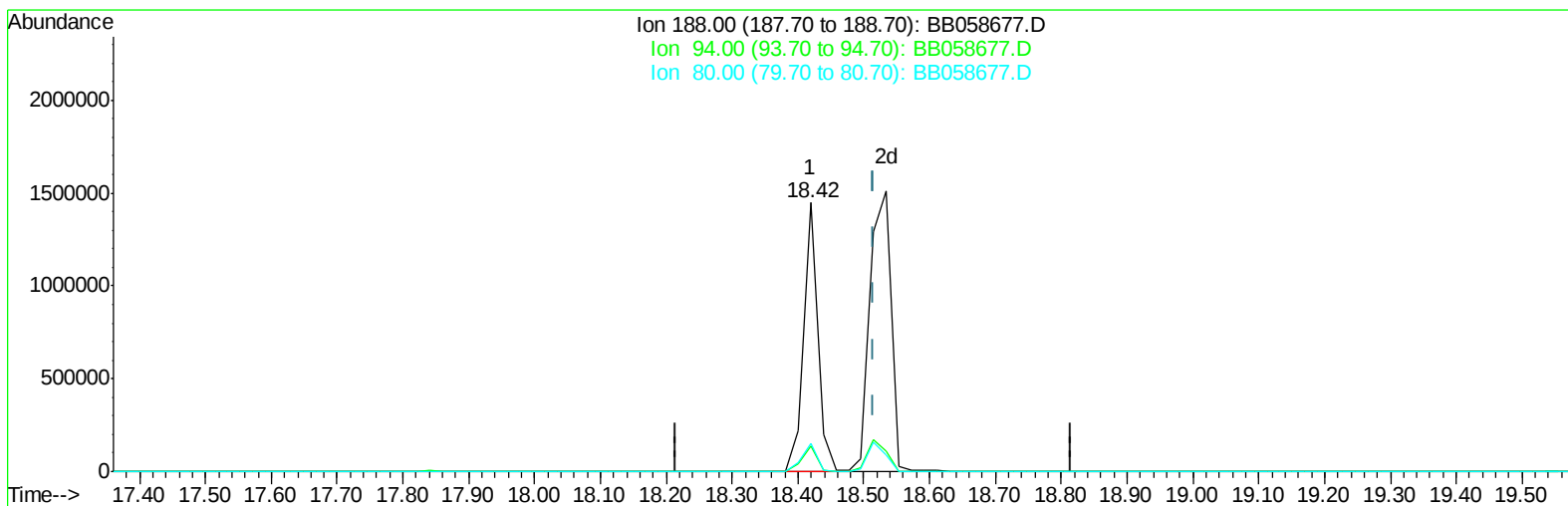
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
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Manual Integrations
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TIC: BB058677.D

(20) Anthracene-d10 (S)

18.419min (-0.096) 22.00ng/ul

response 2169673

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	9.50
80.00	9.10	10.25
0.00	0.00	0.00

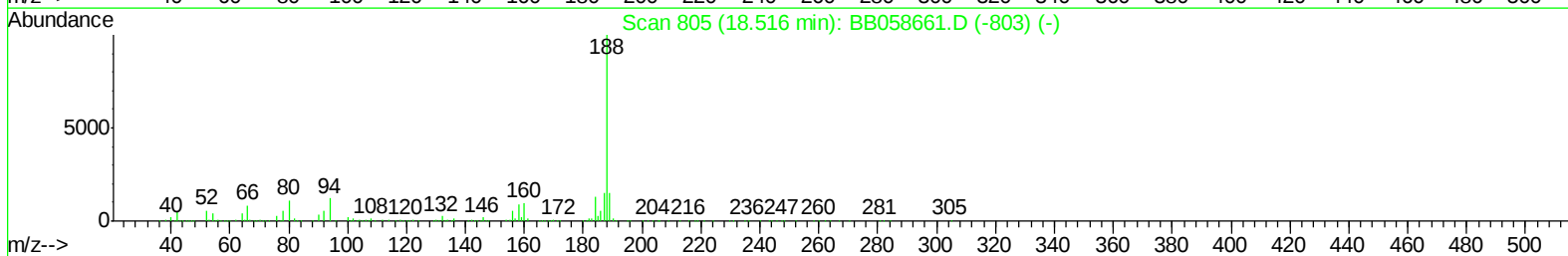
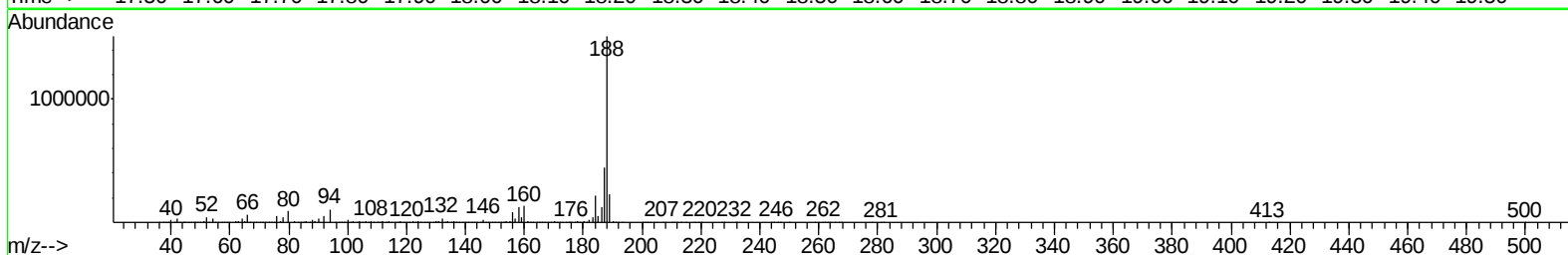
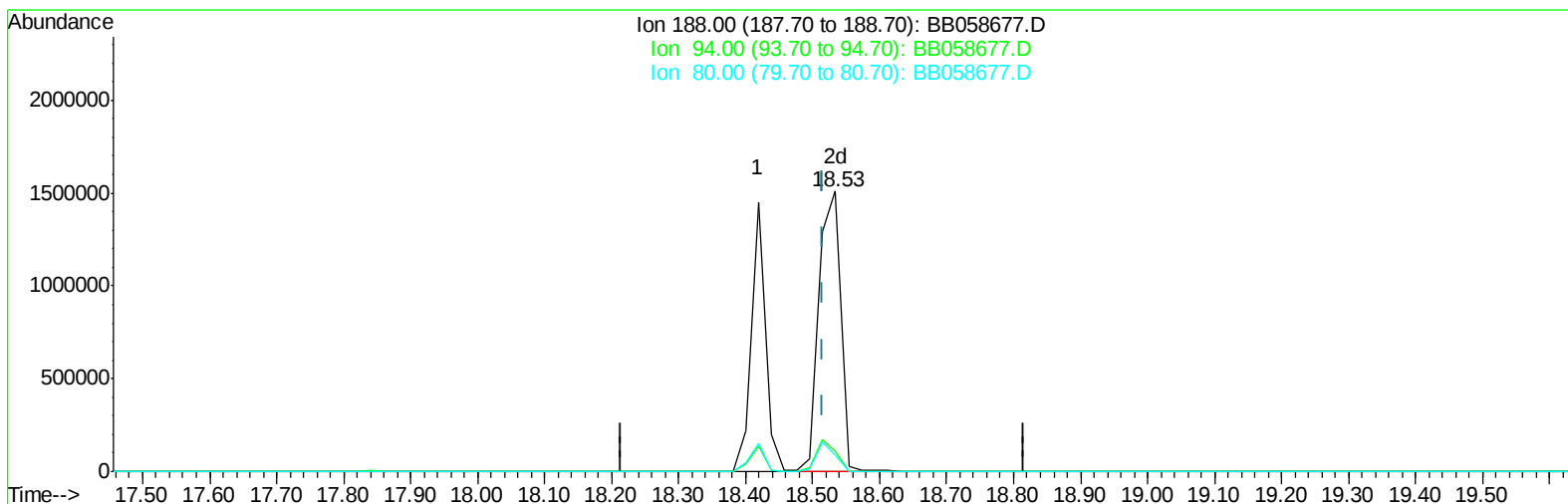
Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058677.D
Acq On : 20 Oct 2016 13:32
Operator : UM/SJ
Sample : MDL-04-W
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-04-W

Quant Time: Oct 20 16:40:38 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 16:25:04 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BB058677.D

(20) Anthracene-d10 (S)

18.534min (+0.019) 34.32ng/ul m

response 3384937

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	7.18#
80.00	9.10	6.06#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
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 Operator : UM/SJ
 Sample : MDL-04-W
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-04-W

Manual Integrations
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Quant Time: Oct 20 16:42:06 2016
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 16:25:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	634379	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2488737	20.00	ng/ul	-0.02
13) Acenaphthene-d10	15.59	164	1388524	20.00	ng/ul	0.00
18) Phenanthrene-d10	18.42	188	2169673	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	2251049	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1475175	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.67	96	114147m	7.82	ng/uL	0.02
3) Phenol-d5	7.81	99	1639141	33.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.96	67	1237024	36.17	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	1597861	33.17	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1290416	33.00	ng/ul	-0.02
8) Nitrobenzene-d5	9.89	128	834860	33.56	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	889876	32.90	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	1174981	31.54	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1741253	36.56	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2955797	32.15	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3652234	33.78	ng/ul	0.00
16) 4-Nitrophenol-d4	15.78	143	652235	31.47	ng/ul	0.00
17) Fluorene-d10	16.61	176	2639294	35.24	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.72	200	609018	26.72	ng/ul	0.00
20) Anthracene-d10	18.53	188	3384937m	34.32	ng/ul	0.02
24) Pyrene-d10	20.86	212	3528785	35.21	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	2257424	33.95	ng/ul	0.02

Target Compounds

12) 1-Methylnaphthalene	13.55	142	242250m	3.08	ng/ul	Ovalue
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	105645	2.76	ng/uL	99
22) Pentachlorobenzene	15.94	250	96743	2.59	ng/uL	93

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

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Manual Integrations
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