

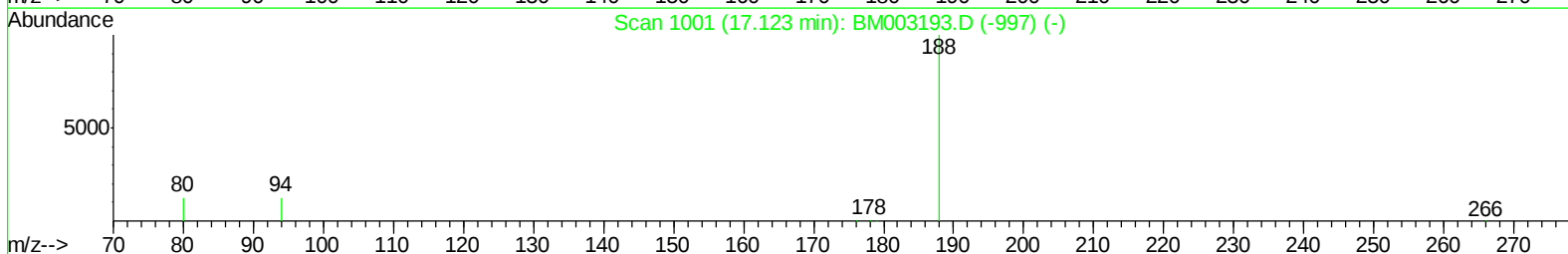
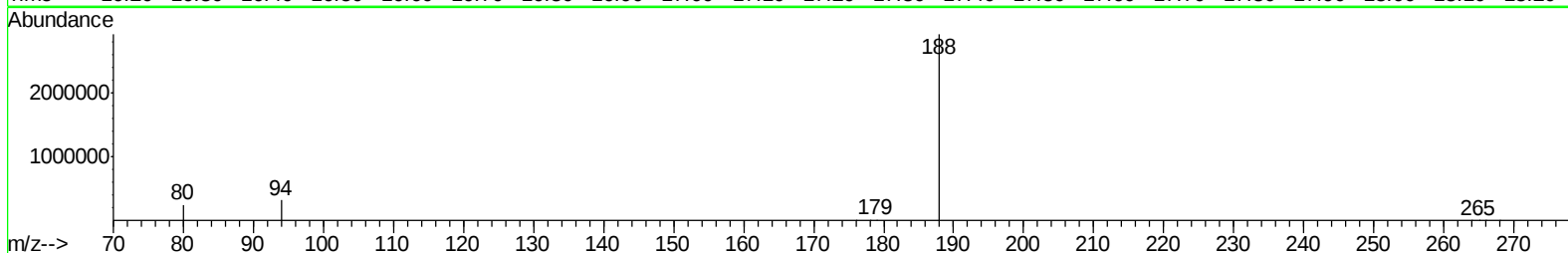
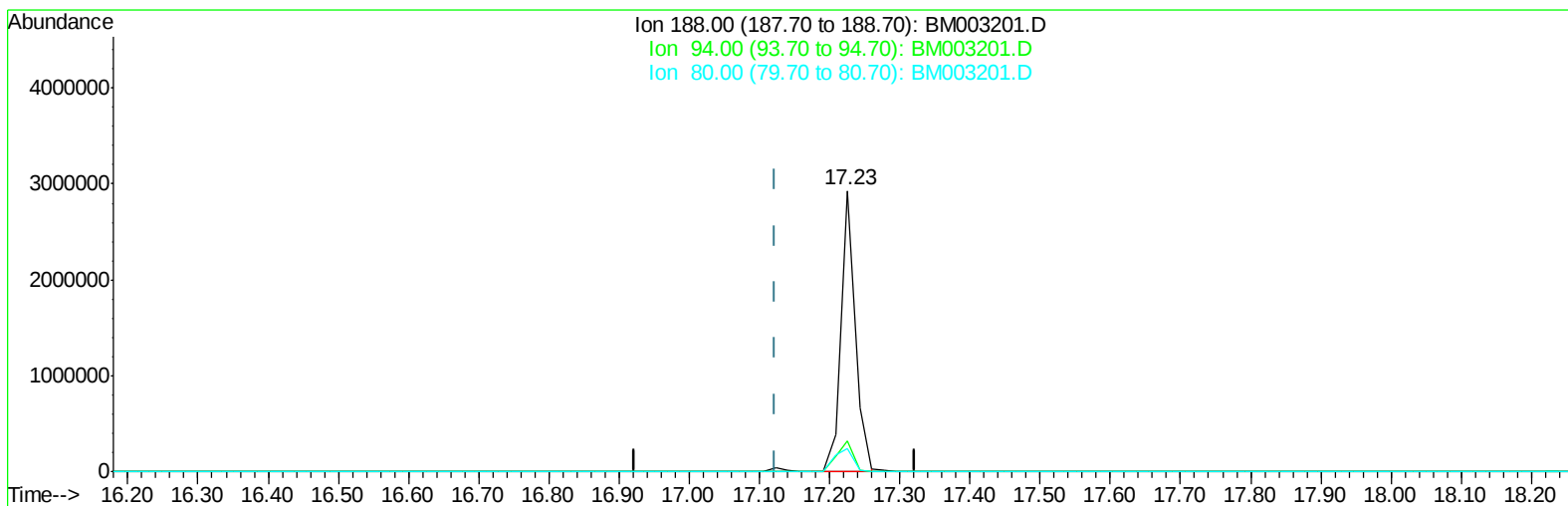
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003201.D
Acq On : 19 Nov 2015 21:56
Operator : UM/IZ
Sample : G4323-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HW2

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:27 PM

Quant Time: Nov 20 03:41:14 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration



TIC: BM003201.D

(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 4122686

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.88
80.00	11.90	8.33#
0.00	0.00	0.00

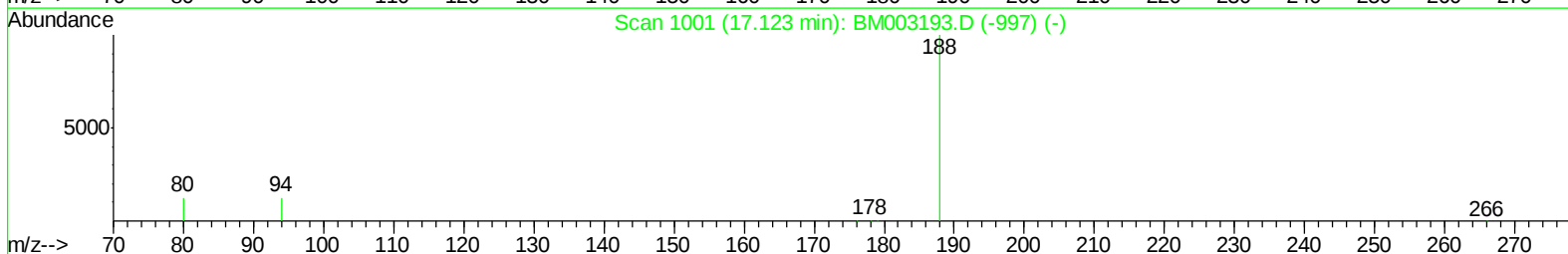
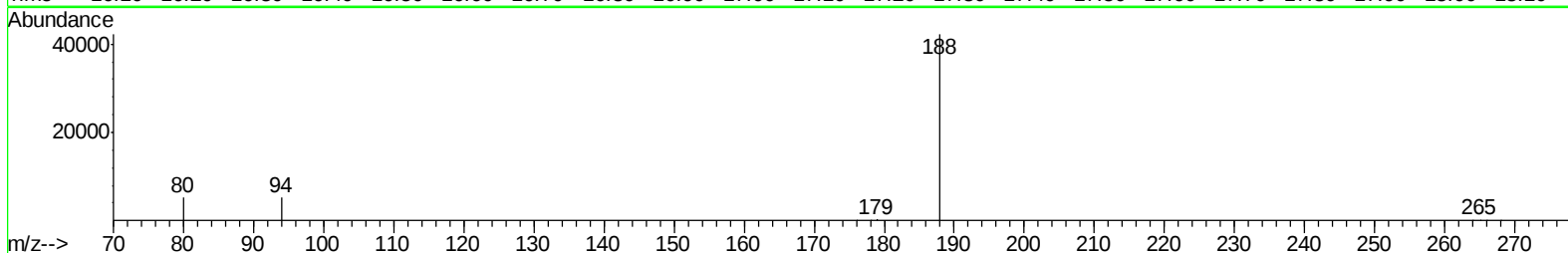
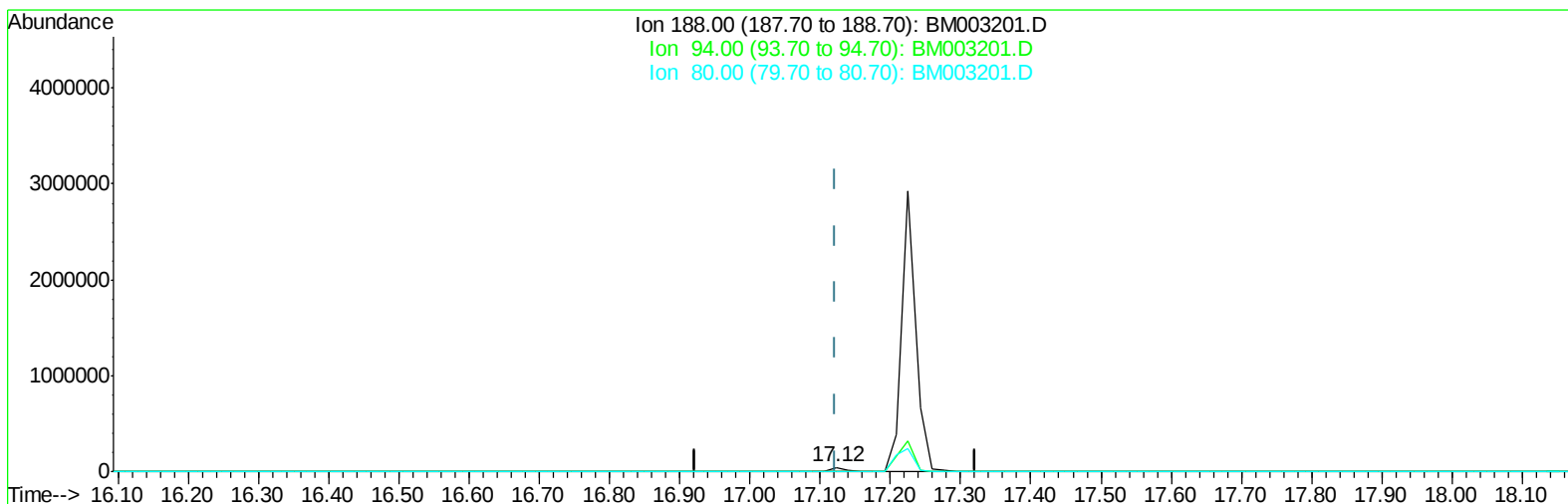
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TIC: BM003201.D

(12) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m

response 67815

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	12.29
80.00	11.90	12.30
0.00	0.00	0.00

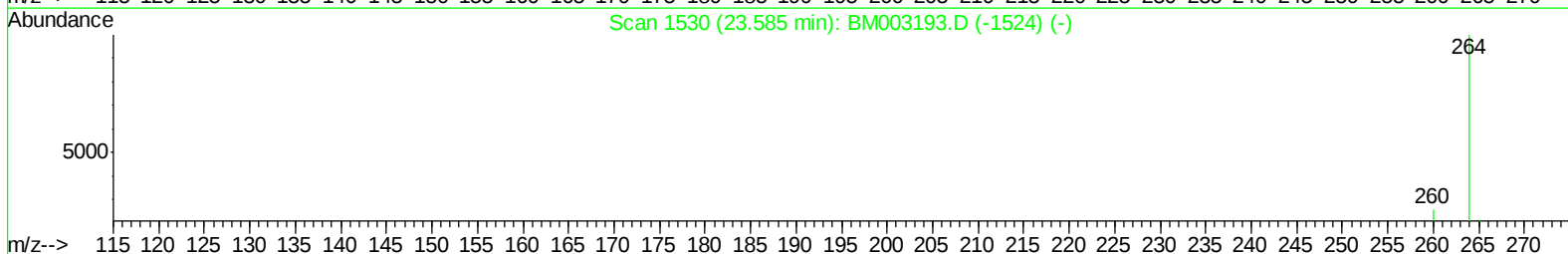
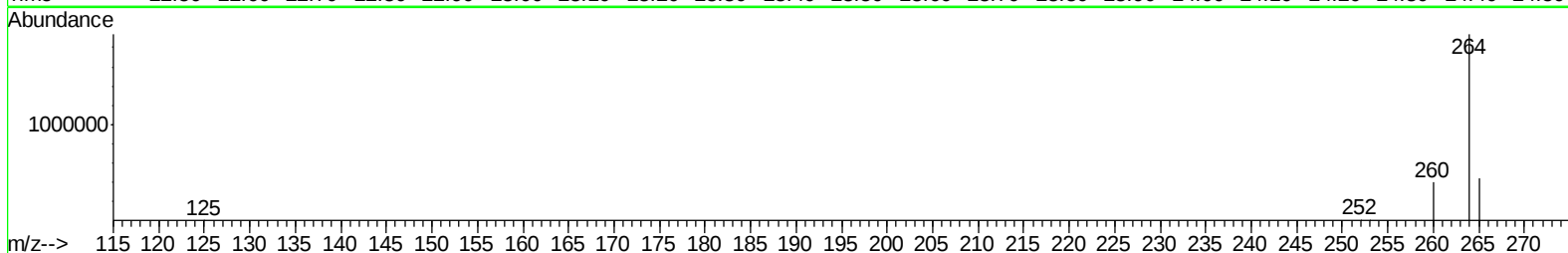
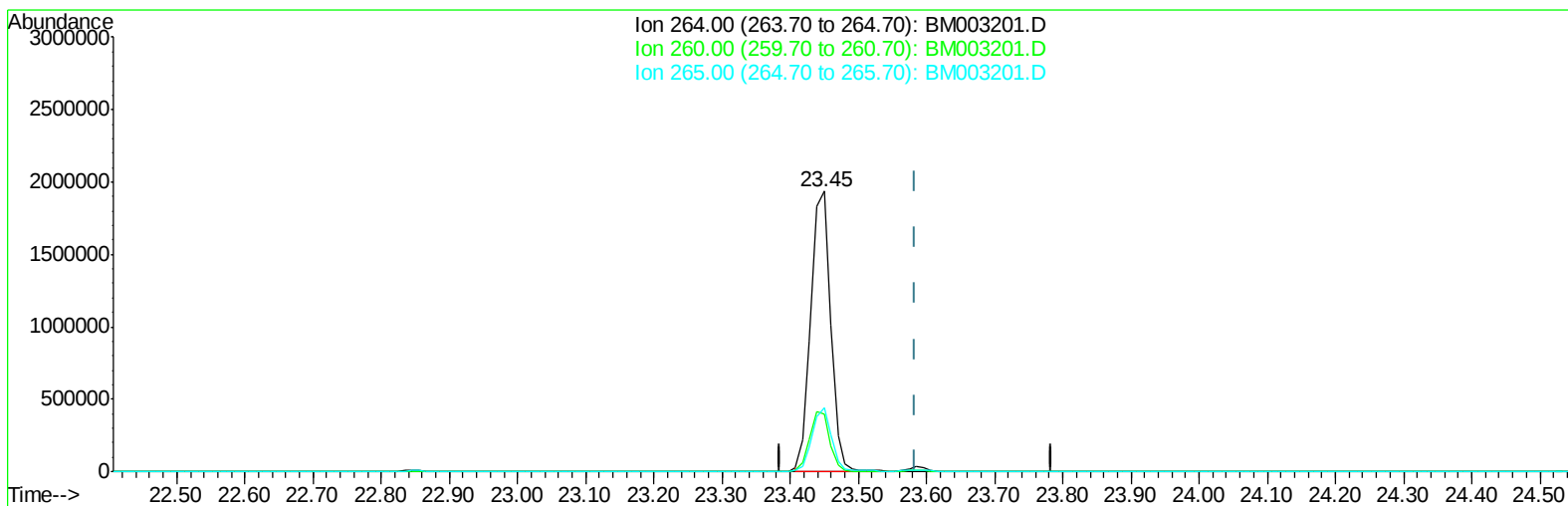
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003201.D
Acq On : 19 Nov 2015 21:56
Operator : UM/IZ
Sample : G4323-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HW2

Manual Integrations
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Quant Time: Nov 20 03:41:14 2015
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TIC: BM003201.D

(22) Perylene-d12 (I)

23.449min (-0.135) 0.40ng/ul

response 3876830

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	20.60
265.00	38.20	22.81#
0.00	0.00	0.00

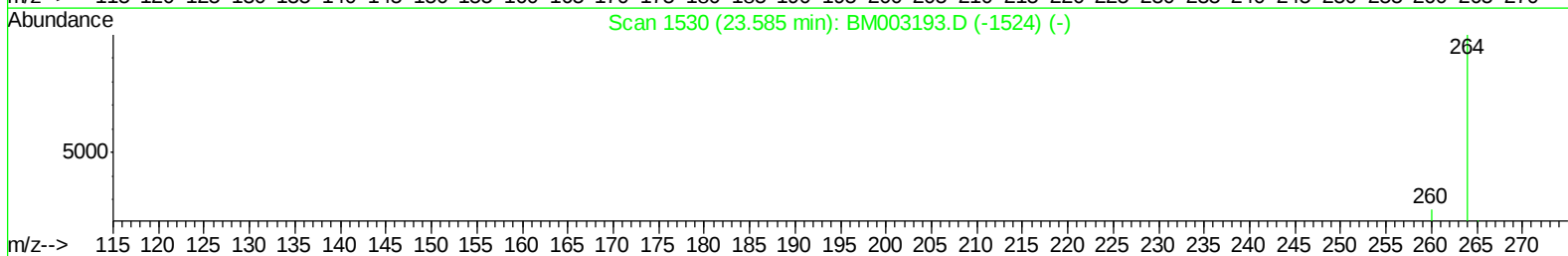
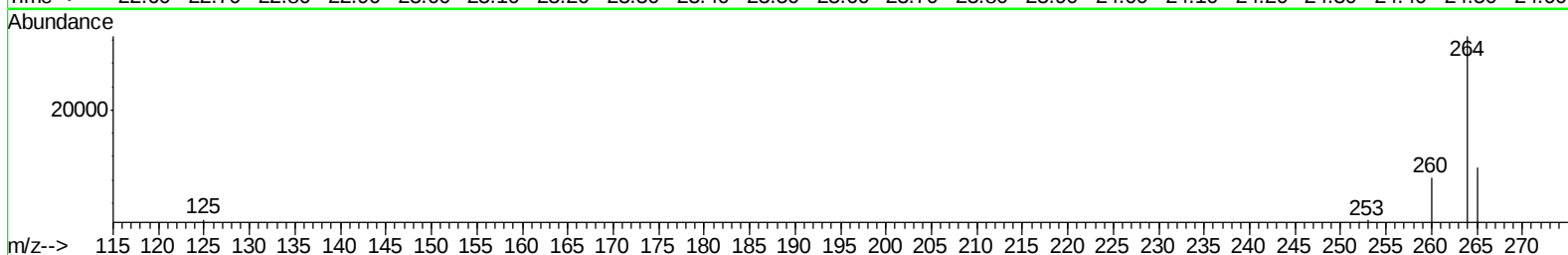
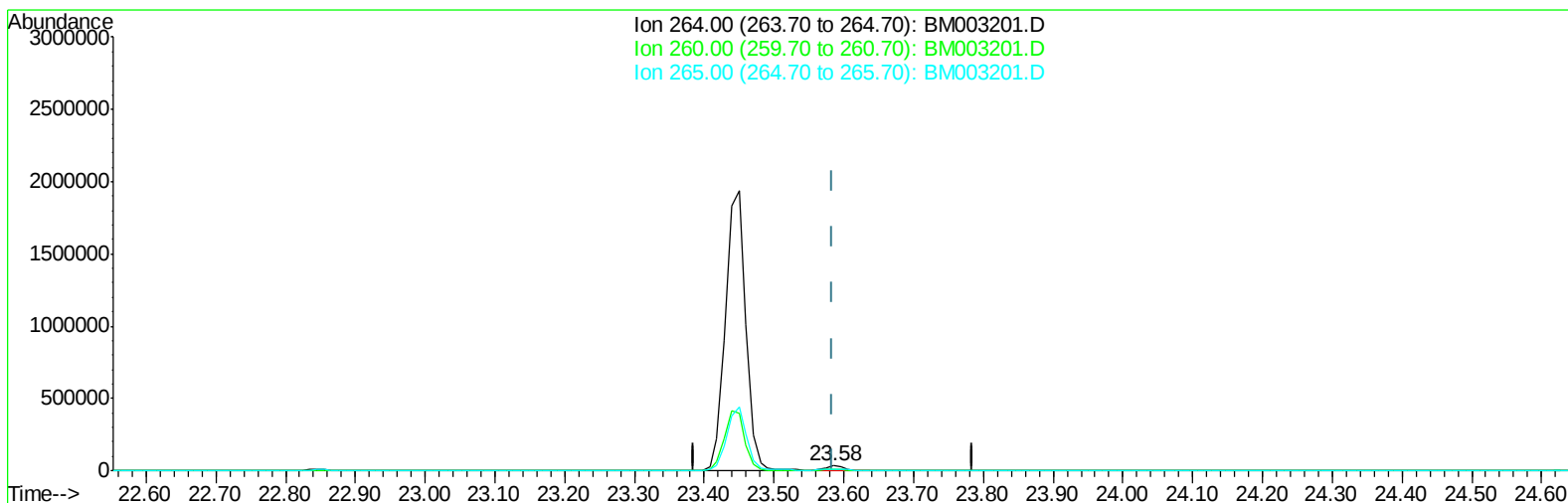
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TIC: BM003201.D

(22) Perylene-d12 (I)

23.585min (+0.000) 0.40ng/ul m

response 68615

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.40
265.00	38.20	31.30
0.00	0.00	0.00

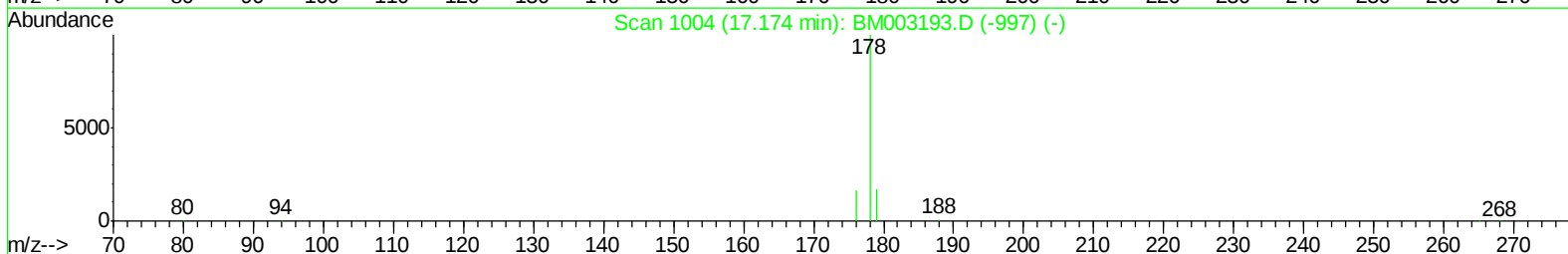
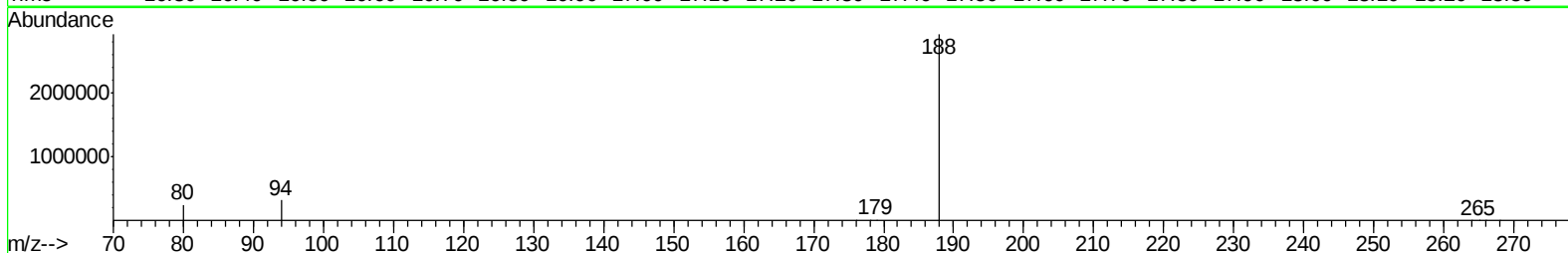
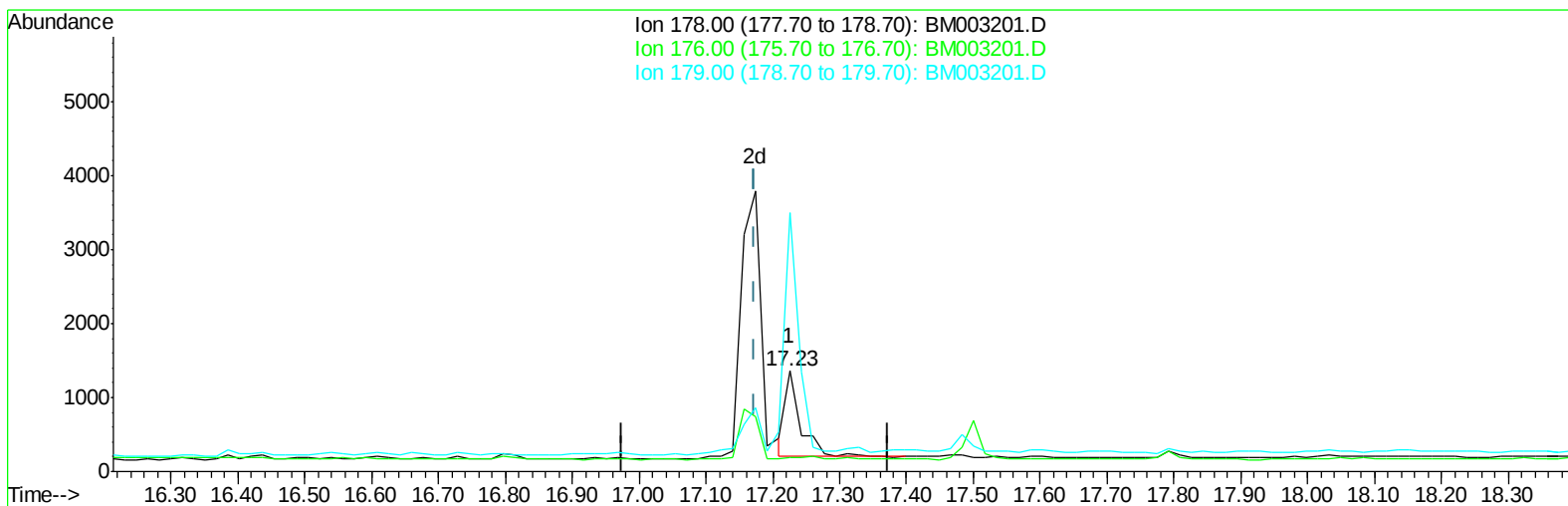
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Sample : G4323-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HW2

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:27 PM

Quant Time: Nov 20 07:33:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration



TIC: BM003201.D

(14) Phenanthrene

17.226min (+0.051) 0.01ng/ul

response 1882

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	13.92
179.00	17.70	258.10#
0.00	0.00	0.00

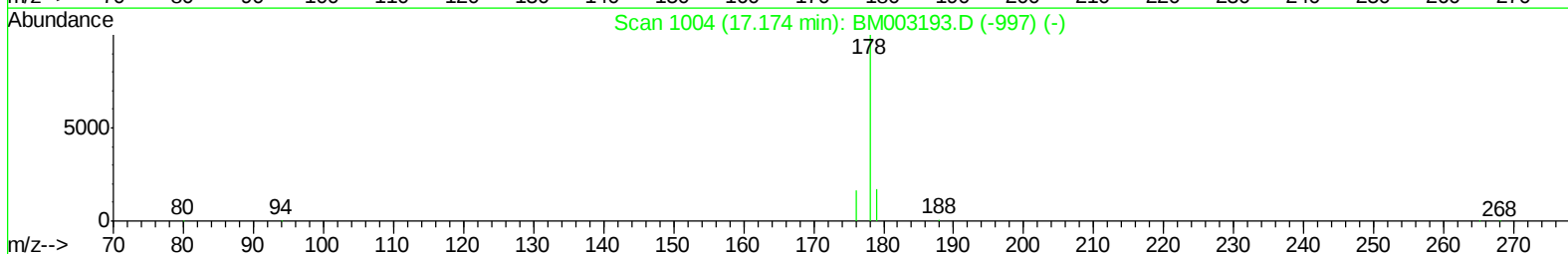
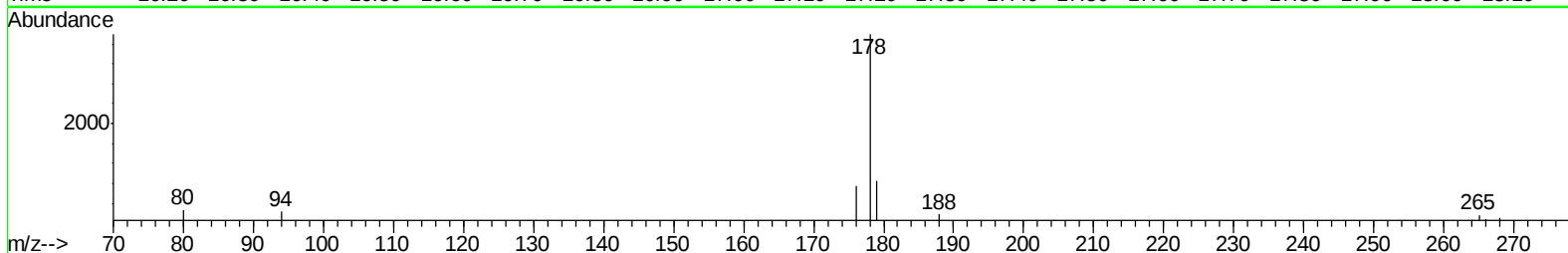
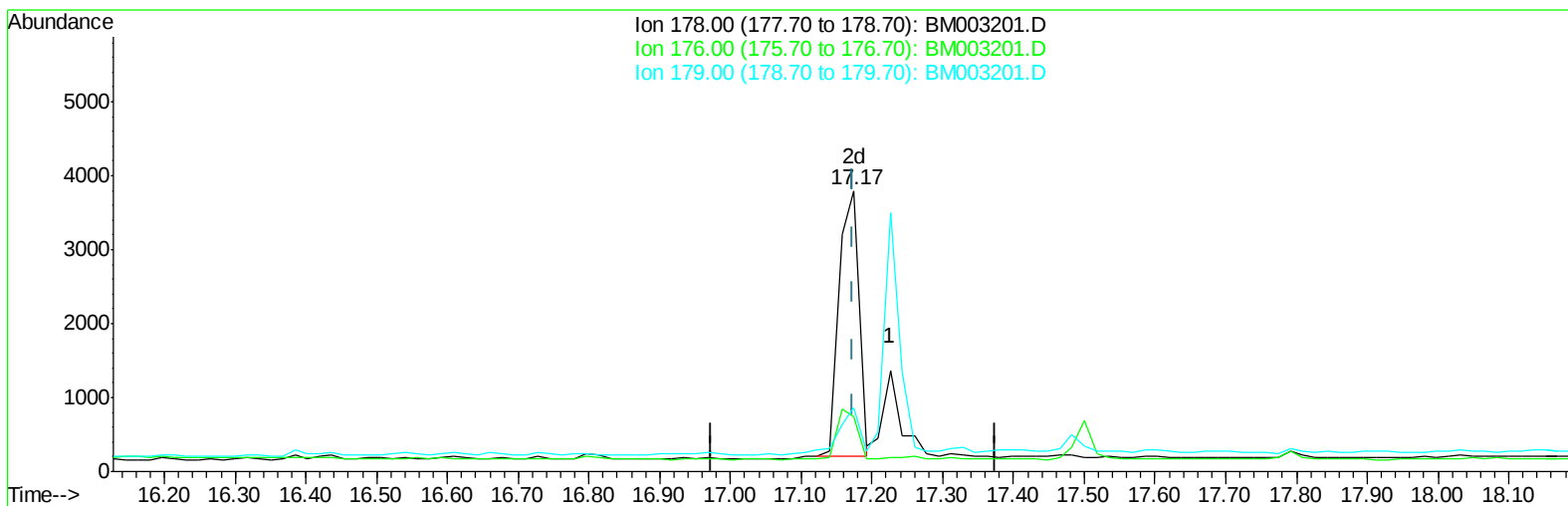
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003201.D
Acq On : 19 Nov 2015 21:56
Operator : UM/IZ
Sample : G4323-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HW2

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:27 PM

Quant Time: Nov 20 07:33:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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TIC: BM003201.D

(14) Phenanthrene

17.174min (+0.000) 0.04ng/ul m

response 6969

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	19.62#
179.00	17.70	22.67#
0.00	0.00	0.00

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 Acq On : 19 Nov 2015 21:56
 Operator : UM/IZ
 Sample : G4323-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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Quant Time: Nov 20 07:34:41 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14887	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	58445	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	32332	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	67815m	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	62502	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	68615m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	80877	5.09	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	21900	0.28	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	42259	0.25	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.58	128	2487	0.02	ng/ul#	83
7) 2-Methylnaphthalene	12.19	142	321	0.00	ng/ul#	100
13) Pentachlorophenol	16.78	266	548	0.03	ng/ul#	14
14) Phenanthrene	17.17	178	6969m	0.04	ng/ul	

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

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