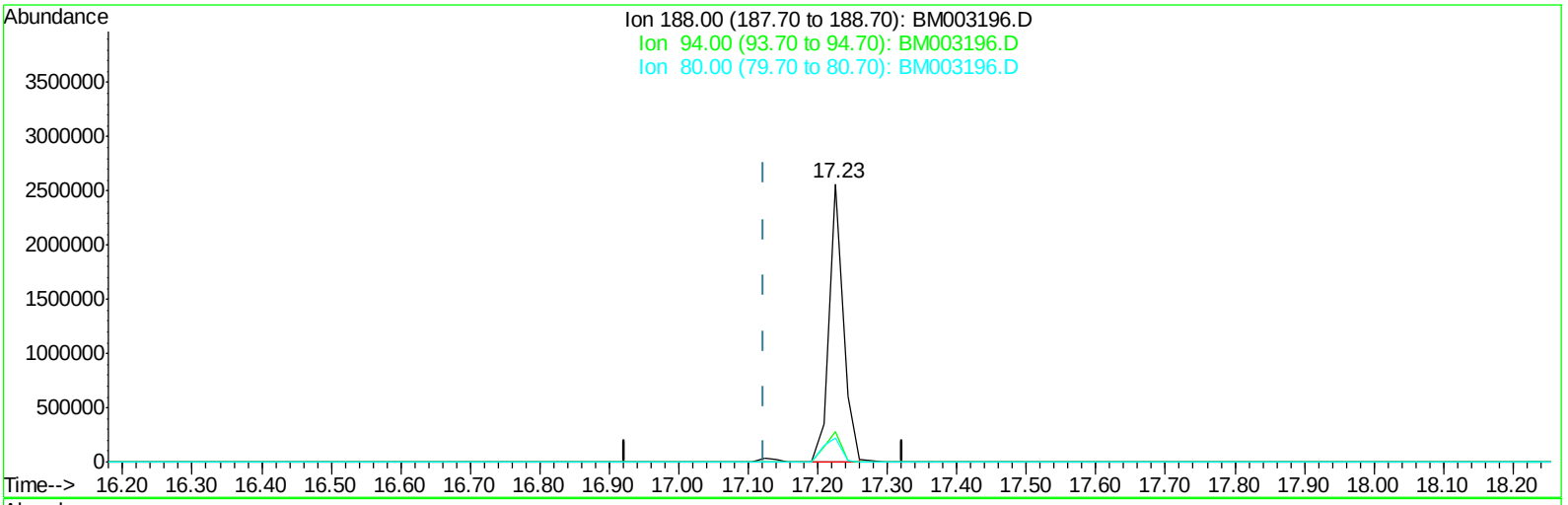
Quantitation Report (Qedit)

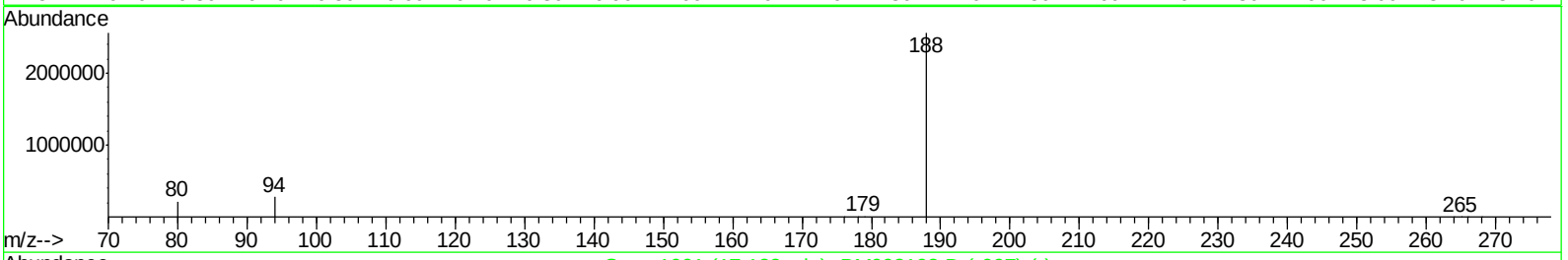
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003196.D
Acq On : 19 Nov 2015 18:54
Operator : UM/IZ
Sample : G4323-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

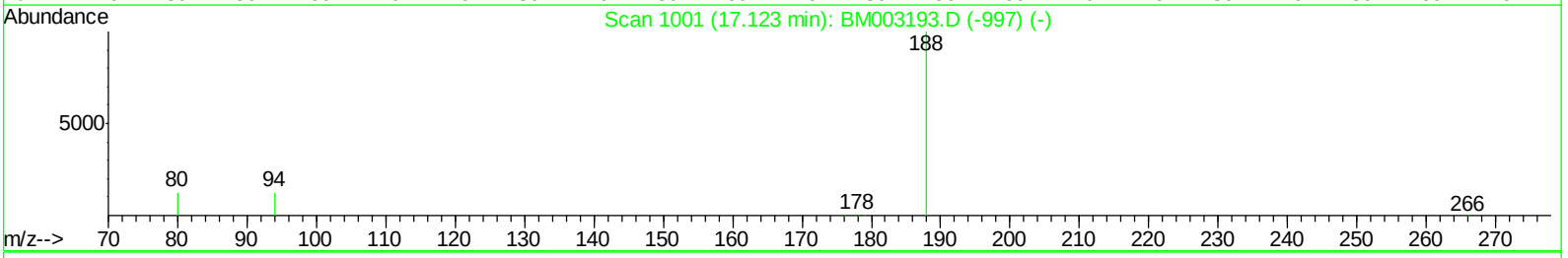
Quant Time: Nov 20 03:40:27 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4HT7

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:14 PM







TIC: BM003196.D

(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 3636699

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.93
80.00	11.90	8.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
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Operator : UM/IZ
Sample : G4323-06
Misc :
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Quant Time: Nov 20 03:40:27 2015
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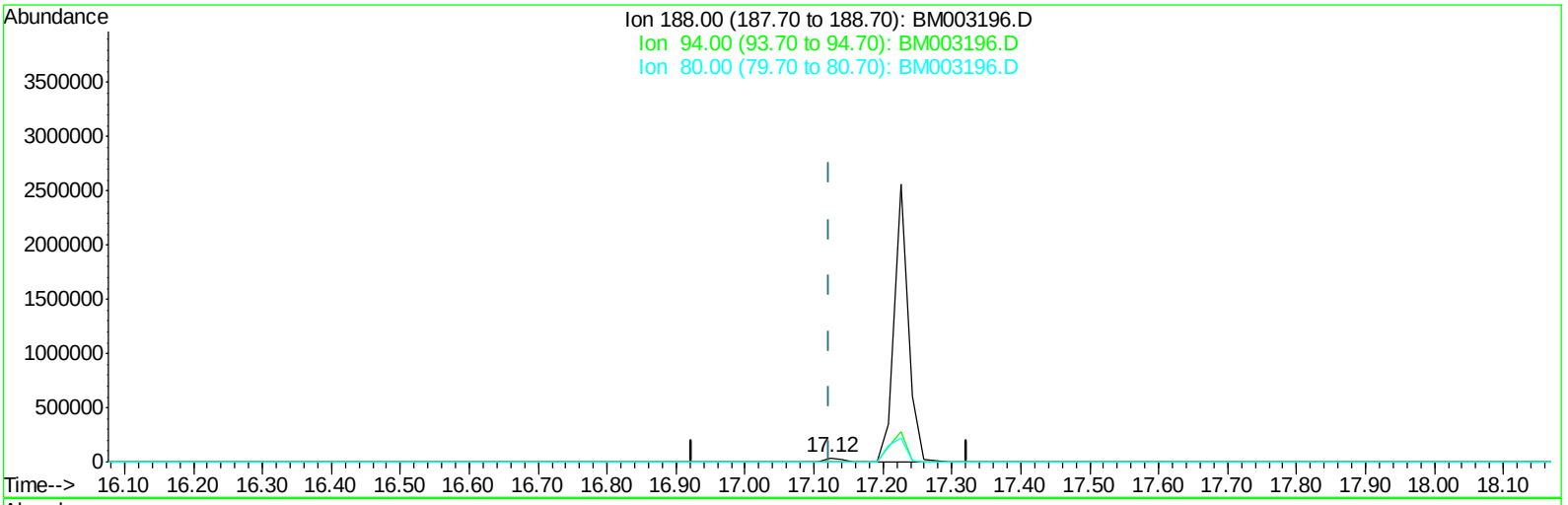
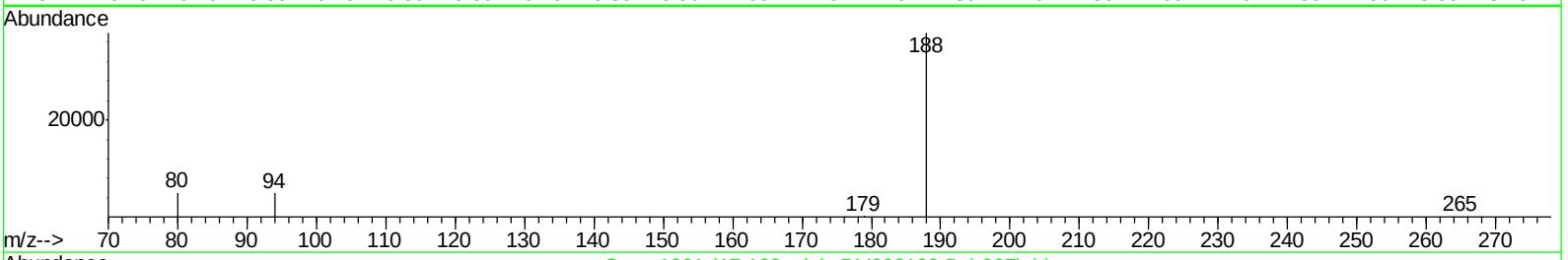
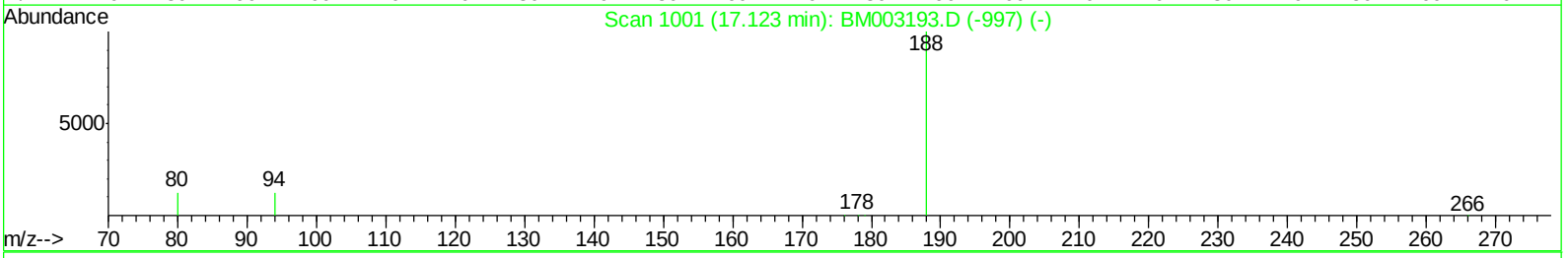
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4HT7

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:14 PM







TIC: BM003196.D

(12) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m

response 62259

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	12.88
80.00	11.90	13.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003196.D
Acq On : 19 Nov 2015 18:54
Operator : UM/IZ
Sample : G4323-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 03:40:27 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

Instrument :
BNA_M
ClientSampleId :
A4HT7

Manual Integrations APPROVED
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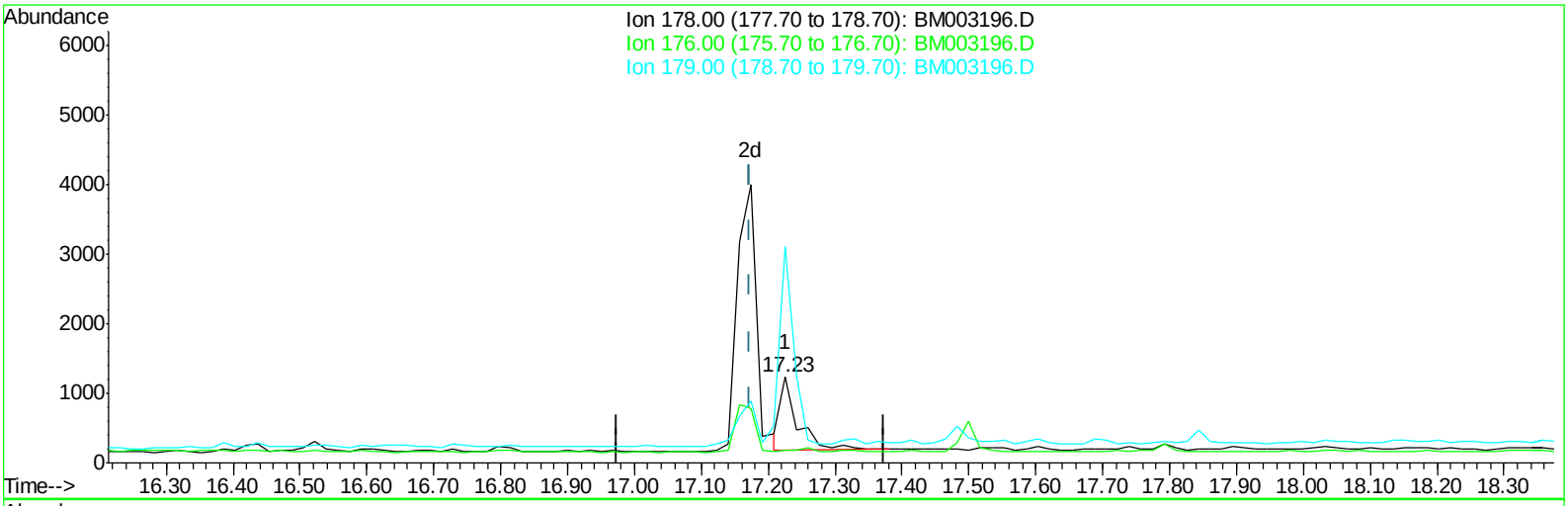
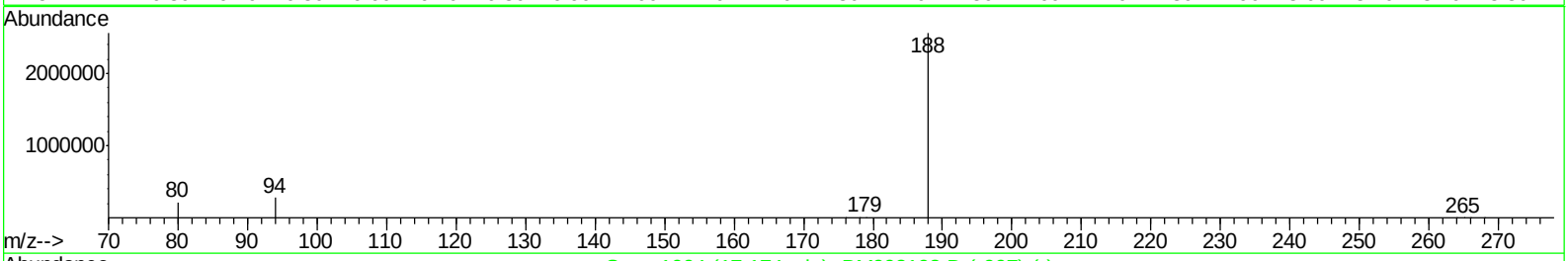
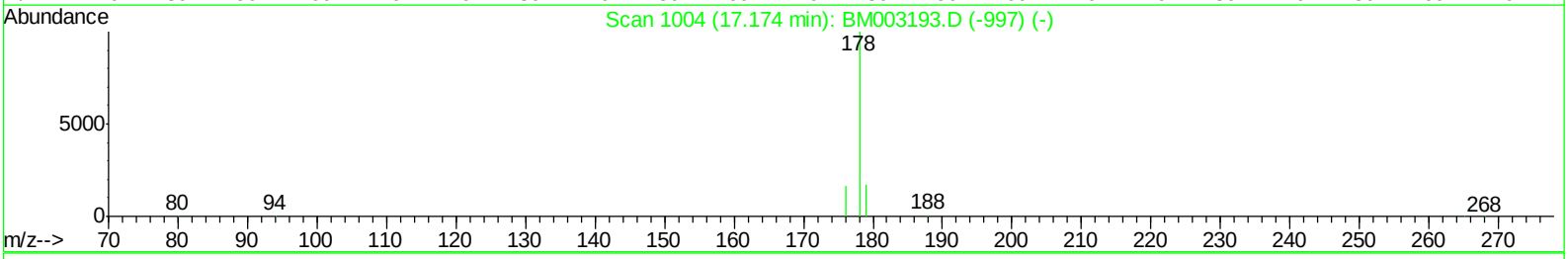
11/20/2015 7:00:14 PM







TIC: BM003196.D

(14) Phenanthrene

17.226min (+0.052) 0.01ng/ul

response 1929

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	14.78
179.00	17.70	252.32#
0.00	0.00	0.00

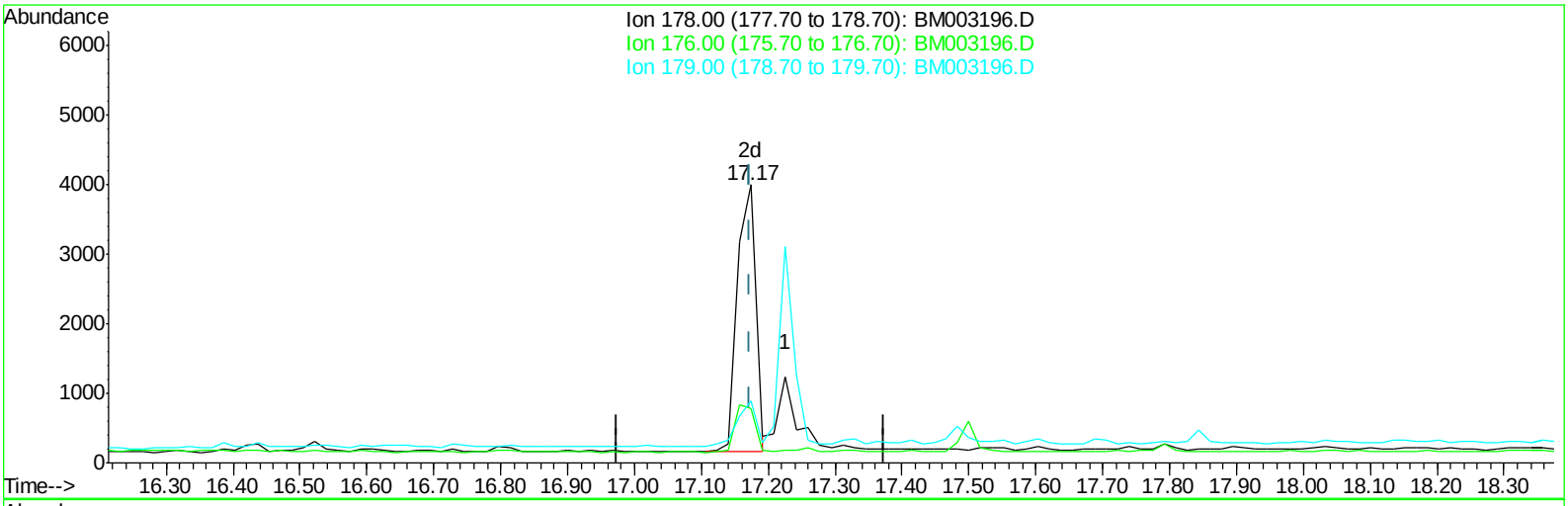
Quantitation Report (Qedit)

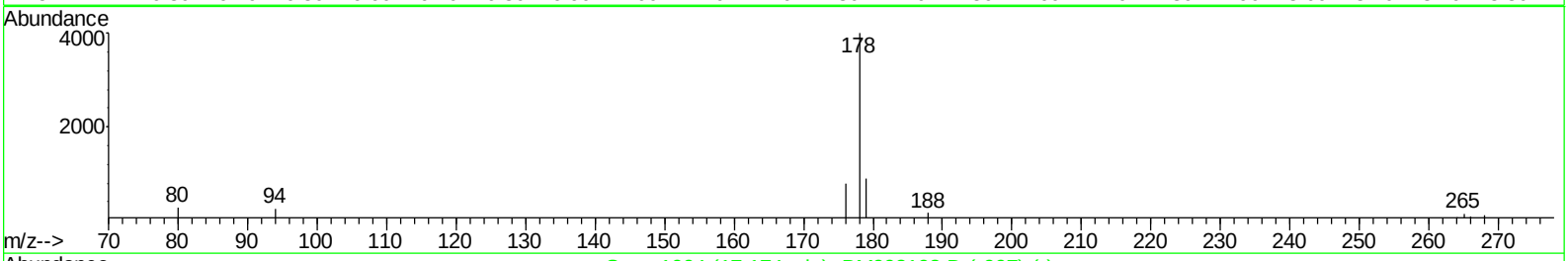
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003196.D
Acq On : 19 Nov 2015 18:54
Operator : UM/IZ
Sample : G4323-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

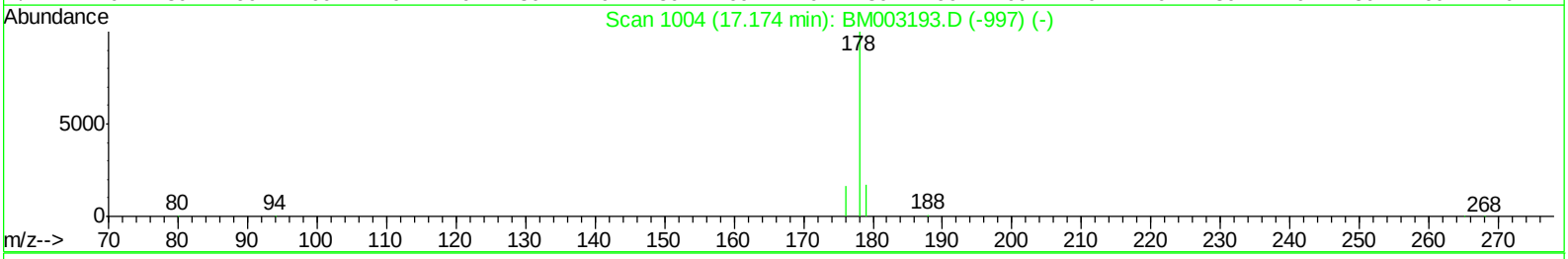
Quant Time: Nov 20 03:40:27 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4HT7

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:14 PM







TIC: BM003196.D

(14) Phenanthrene

17.174min (+0.000) 0.04ng/ul m

response 7427

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	19.65#
179.00	17.70	22.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003196.D
Acq On : 19 Nov 2015 18:54
Operator : UM/IZ
Sample : G4323-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 03:40:27 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

Instrument :
BNA_M
ClientSampleId :
A4HT7

Manual Integrations APPROVED
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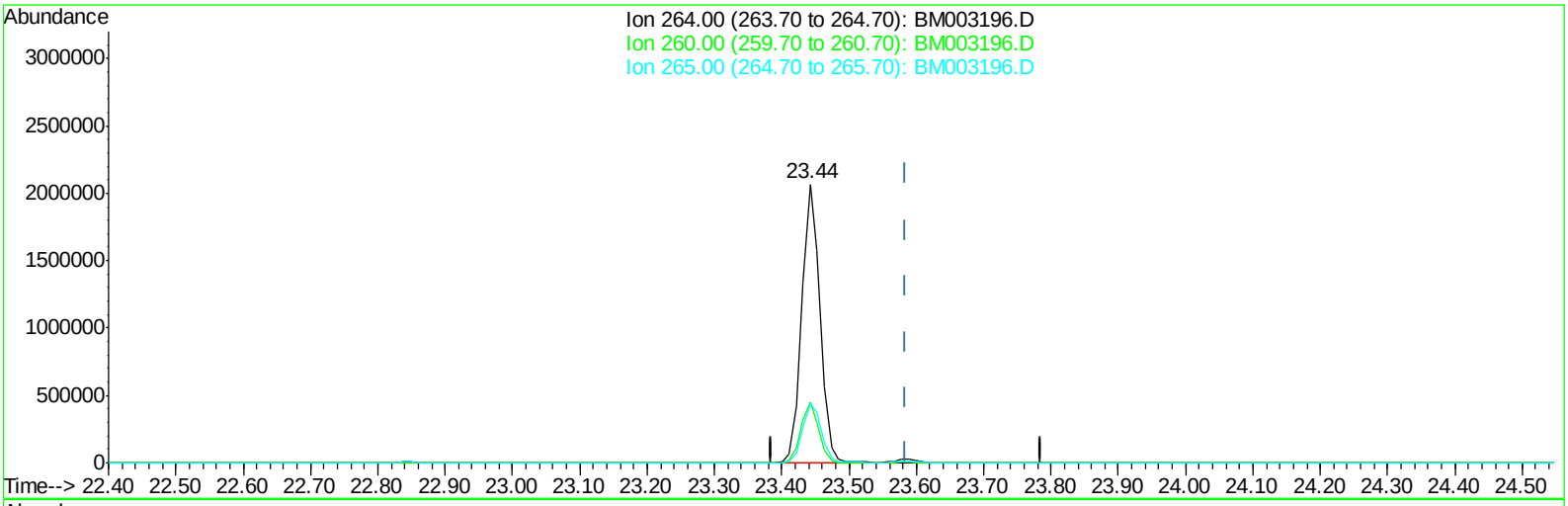

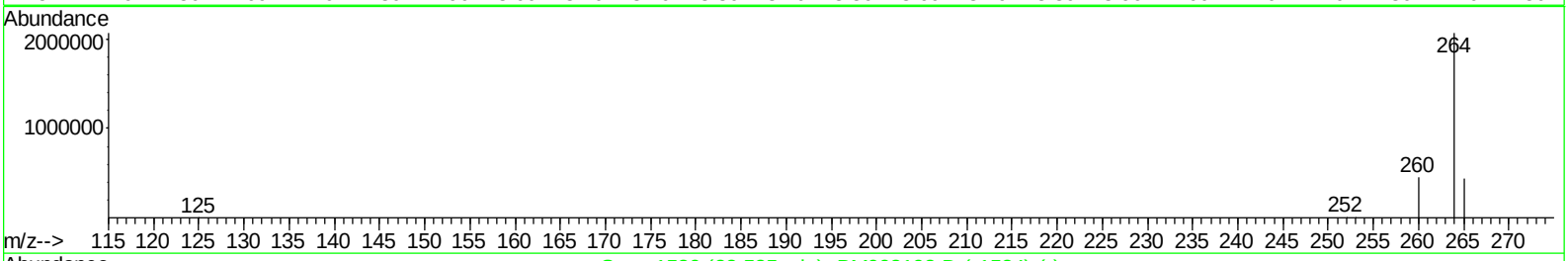

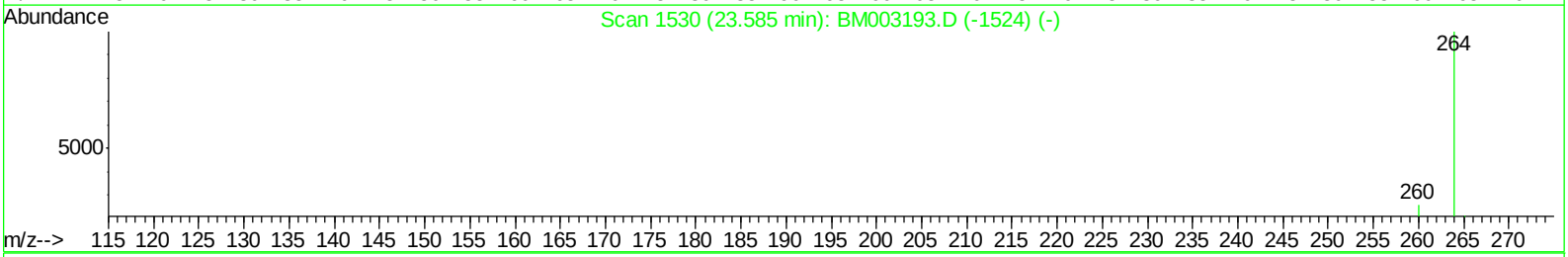

TIC: BM003196.D

(22) Perylene-d12 (I)

23.442min (-0.142) 0.40ng/ul

response 3846690

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.78
265.00	38.20	21.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003196.D
Acq On : 19 Nov 2015 18:54
Operator : UM/IZ
Sample : G4323-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 03:40:27 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
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Instrument :
BNA_M
ClientSampleId :
A4HT7

Manual Integrations APPROVED
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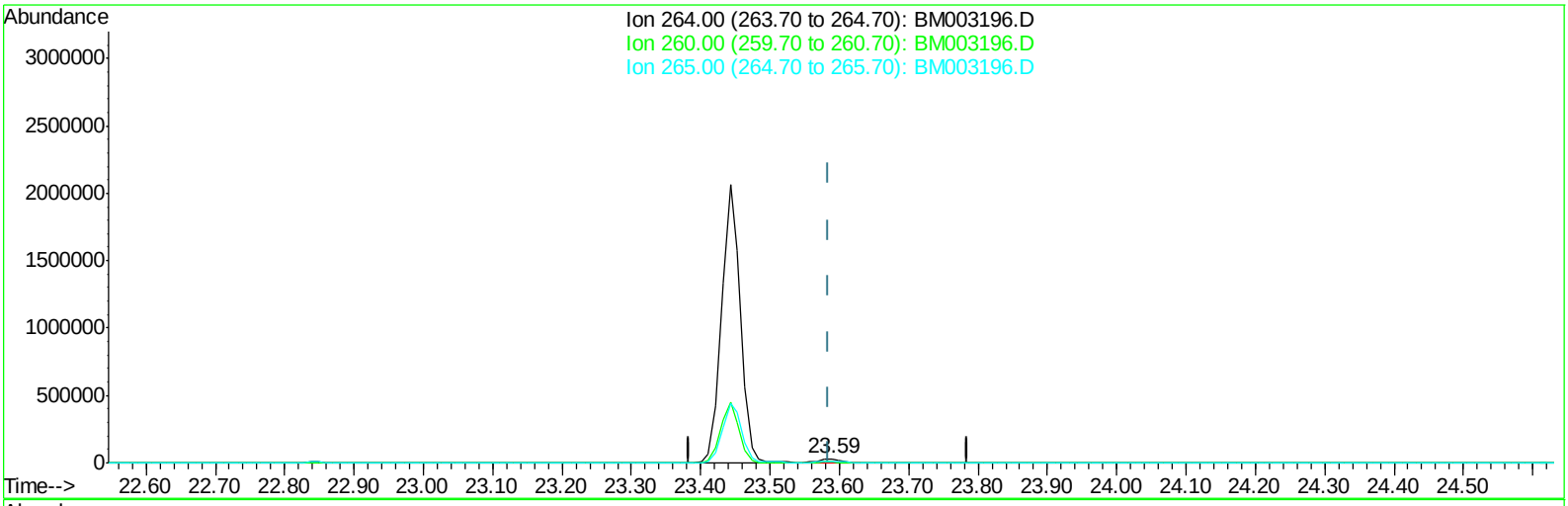
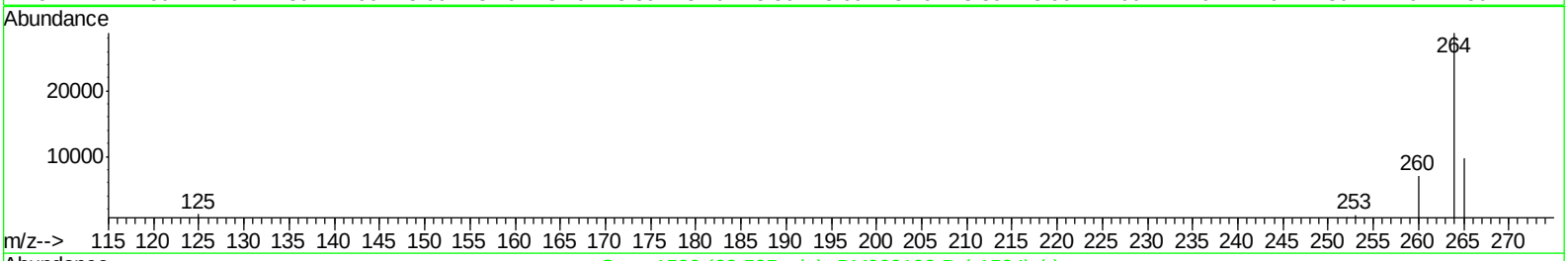
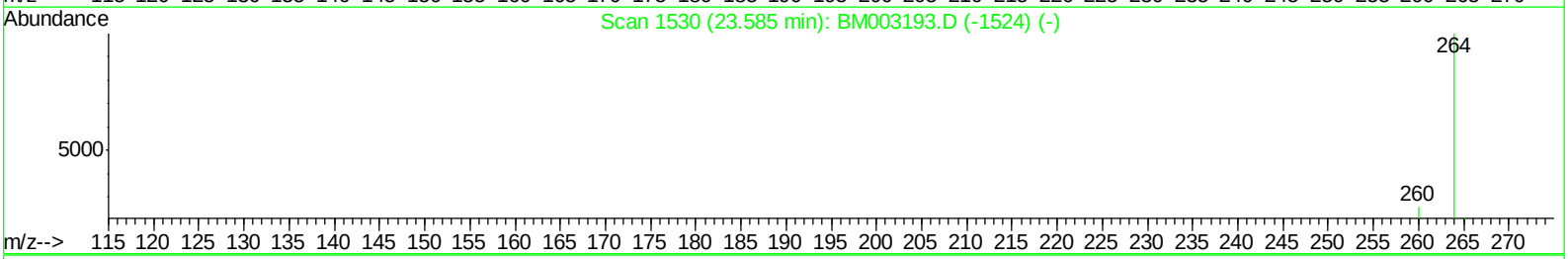
11/20/2015 7:00:14 PM







TIC: BM003196.D

(22) Perylene-d12 (I)

23.588min (+0.003) 0.40ng/ul m

response 57054

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	24.46
265.00	38.20	33.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003196.D
Acq On : 19 Nov 2015 18:54
Operator : UM/IZ
Sample : G4323-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT7

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:14 PM

Quant Time: Nov 20 05:44:27 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15223	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	58585	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	30985	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	62259m	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	59081	0.40	ng/ul	0.00
22) Perylene-d12	23.59	264	57054m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	78776	4.84	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	20513	0.26	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	42379	0.28	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	3832	0.03	ng/ul#	90
13) Pentachlorophenol	16.78	266	748	0.05	ng/ul#	19
14) Phenanthrene	17.17	178	7427m	0.04	ng/ul	
17) Fluoranthene	19.20	202	1671	0.01	ng/ul	60

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003196.D
Acq On : 19 Nov 2015 18:54
Operator : UM/IZ
Sample : G4323-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 05:44:27 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4HT7

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:14 PM