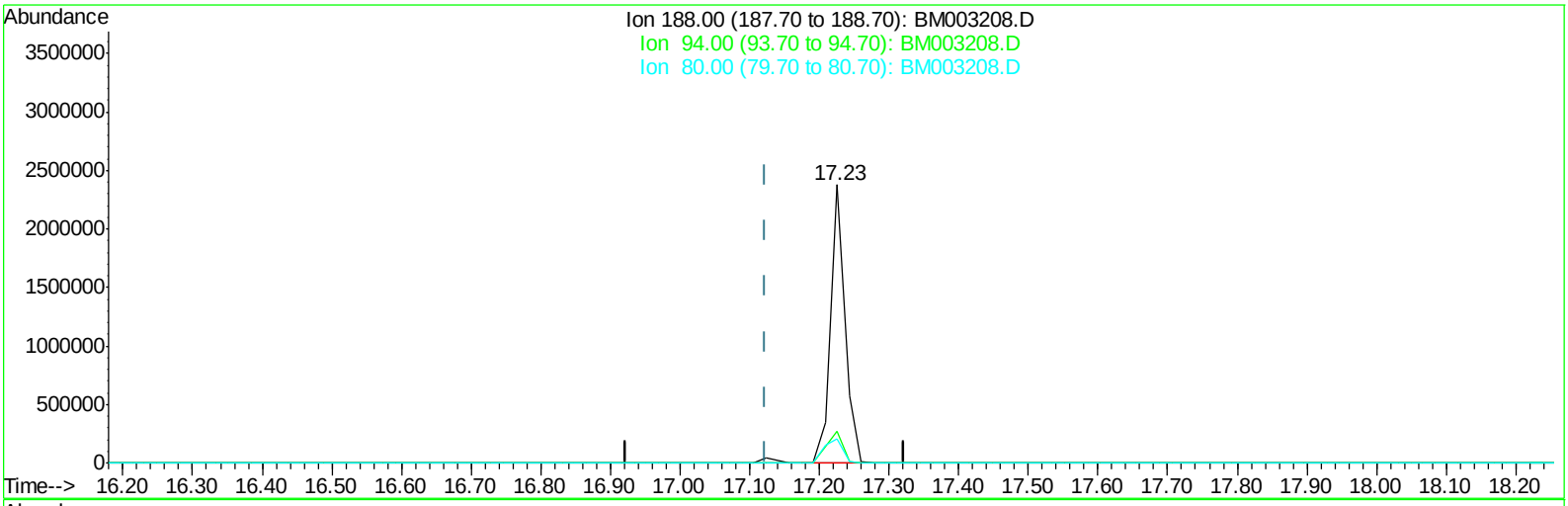
Quantitation Report (Qedit)

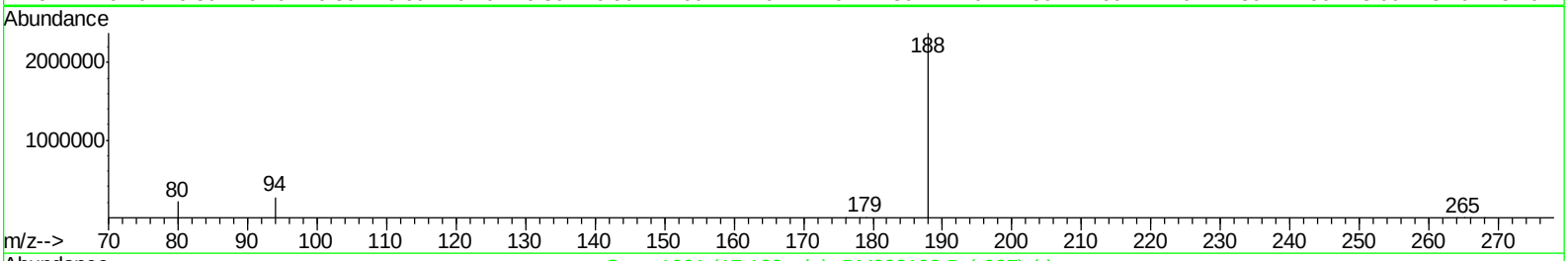
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003208.D
Acq On : 20 Nov 2015 02:11
Operator : UM/IZ
Sample : G4323-29
Misc :
ALS Vial : 21 Sample Multiplier: 1

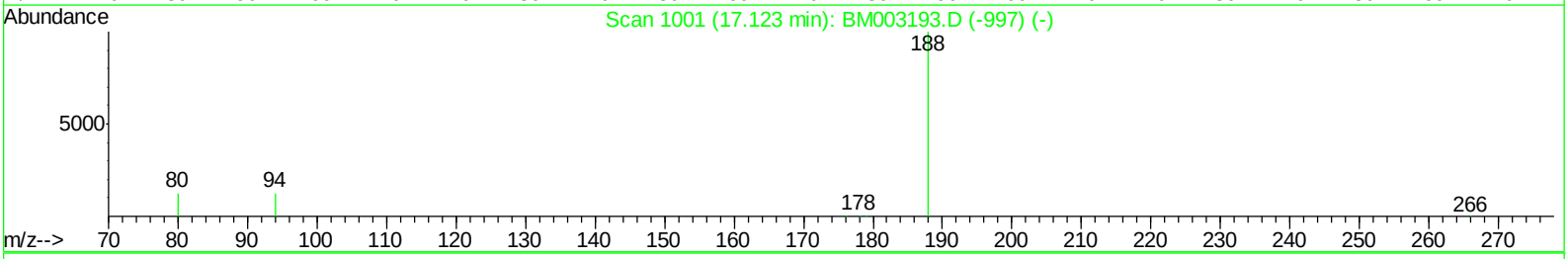
Quant Time: Nov 20 03:42:40 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4J58

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:32 PM







TIC: BM003208.D

(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 3405526

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.21
80.00	11.90	8.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
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Acq On : 20 Nov 2015 02:11
Operator : UM/IZ
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Misc :
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Instrument :
BNA_M
ClientSampleId :
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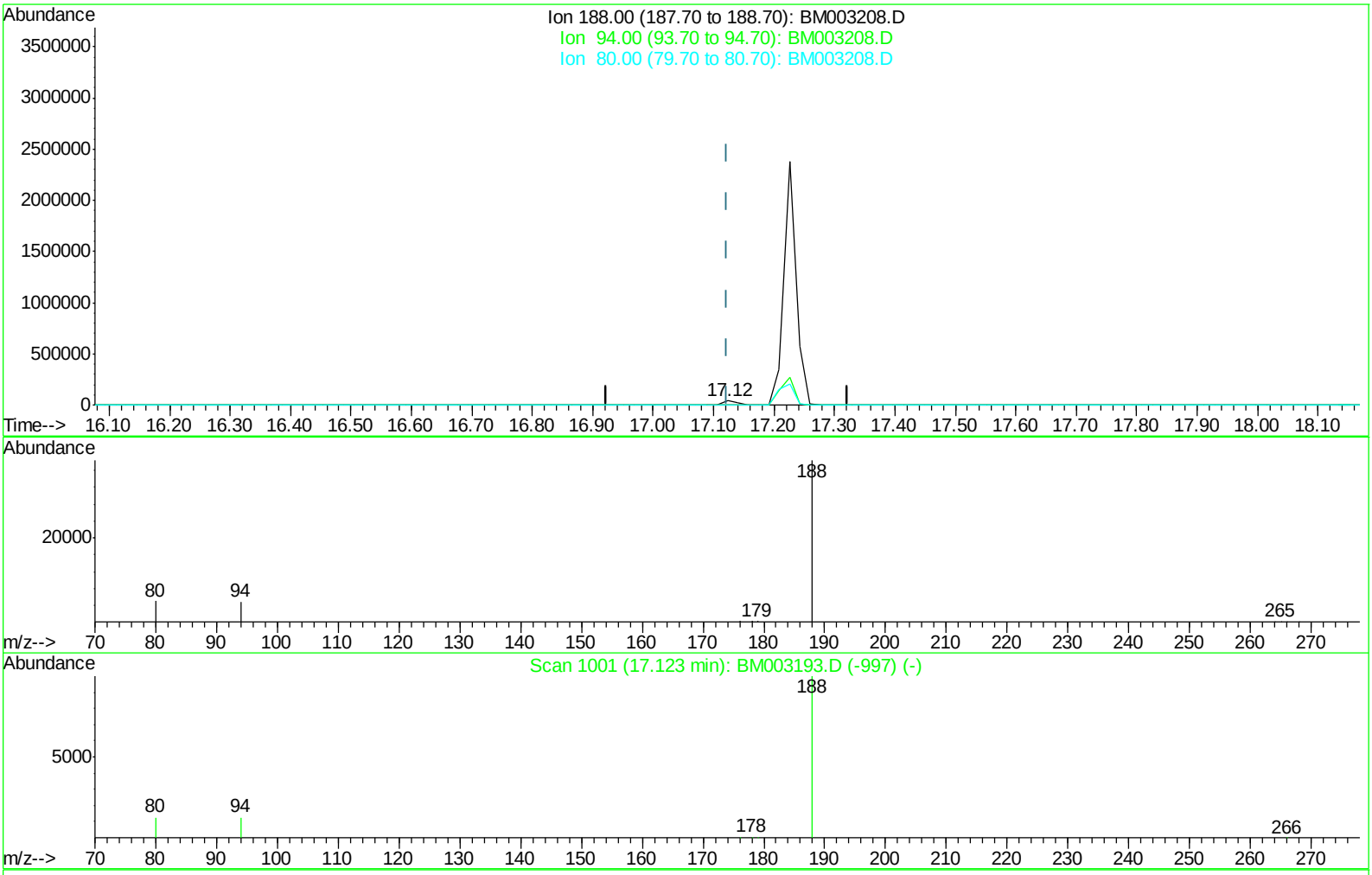
Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:32 PM



TIC: BM003208.D

(12) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m

response 62476

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	12.57
80.00	11.90	12.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003208.D
Acq On : 20 Nov 2015 02:11
Operator : UM/IZ
Sample : G4323-29
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
Mmdadoda
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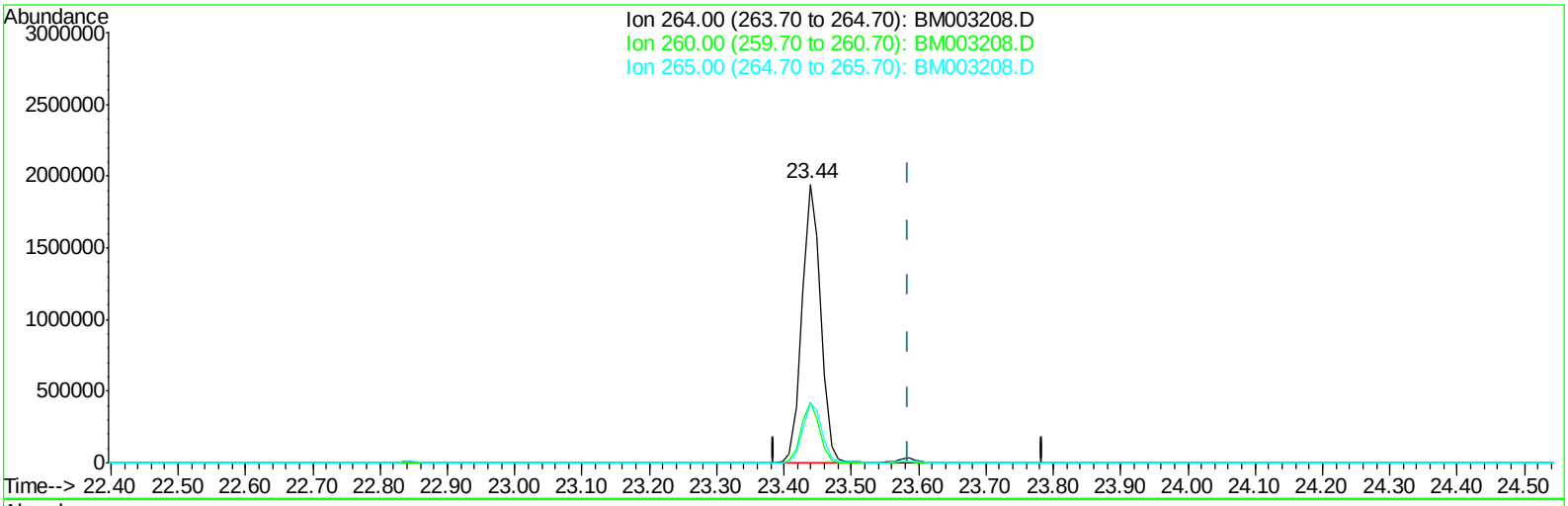

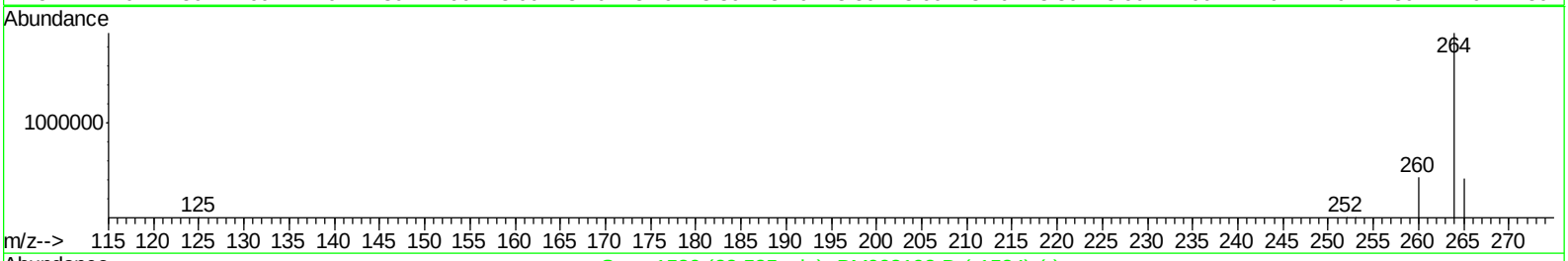

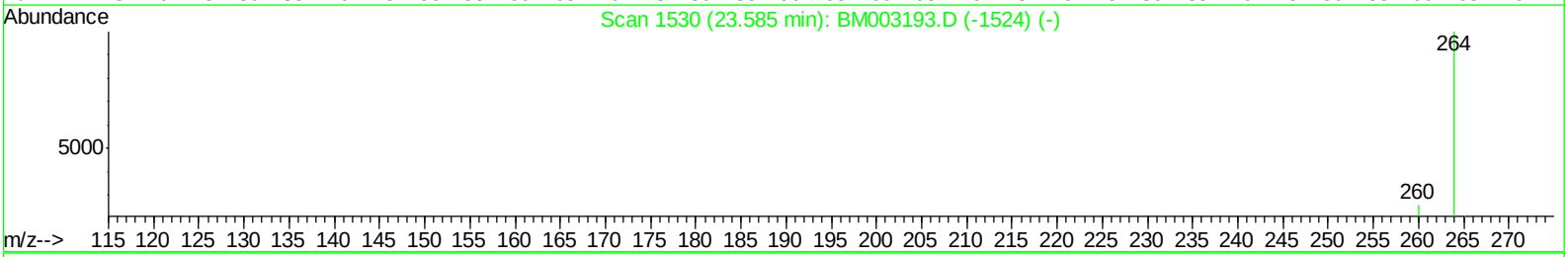

TIC: BM003208.D

(22) Perylene-d12 (I)

23.439min (-0.146) 0.40ng/ul

response 3700337

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.87
265.00	38.20	21.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
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Acq On : 20 Nov 2015 02:11
Operator : UM/IZ
Sample : G4323-29
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 20 03:42:40 2015
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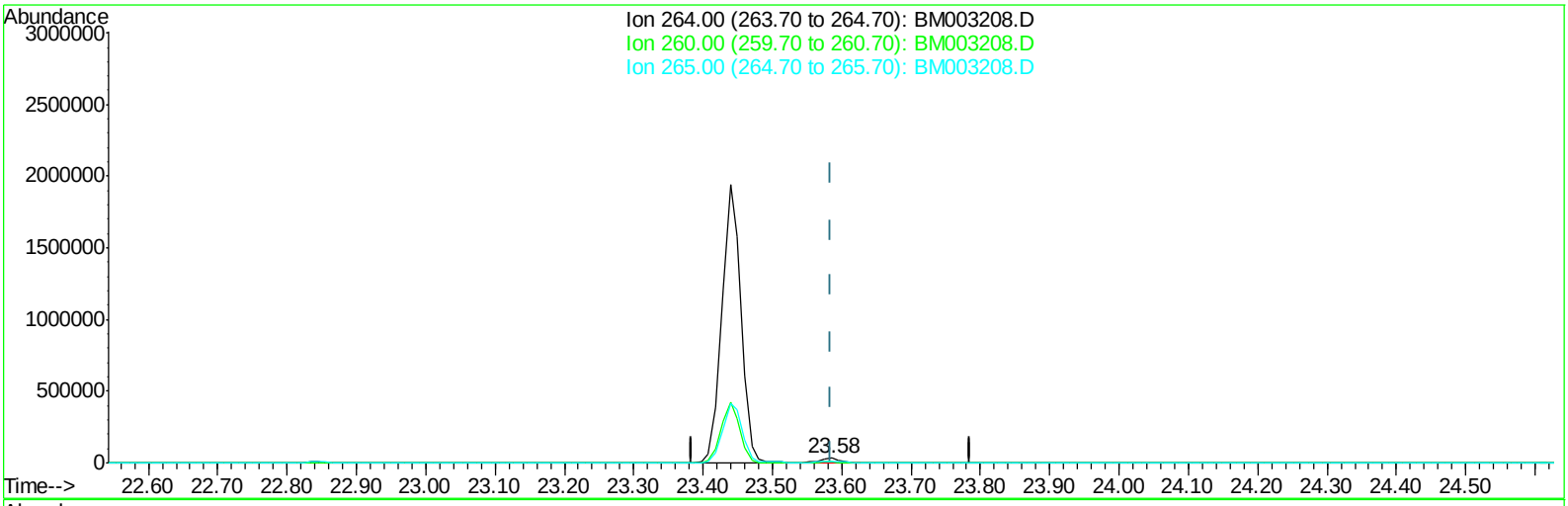
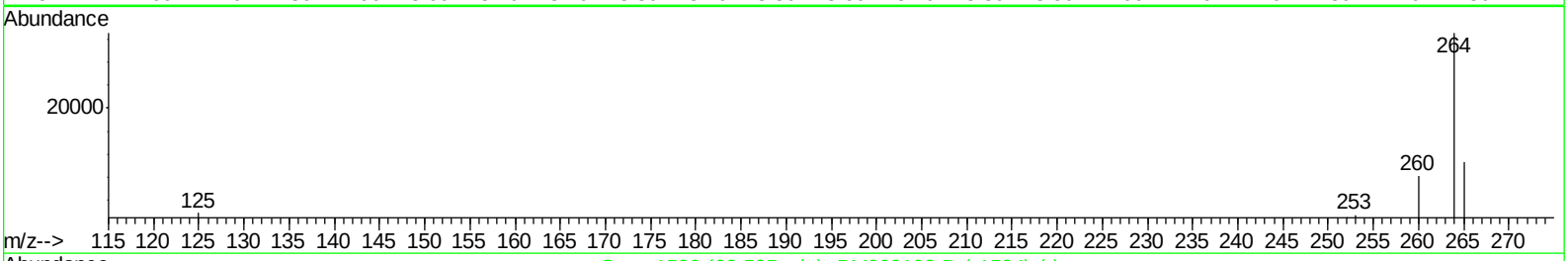
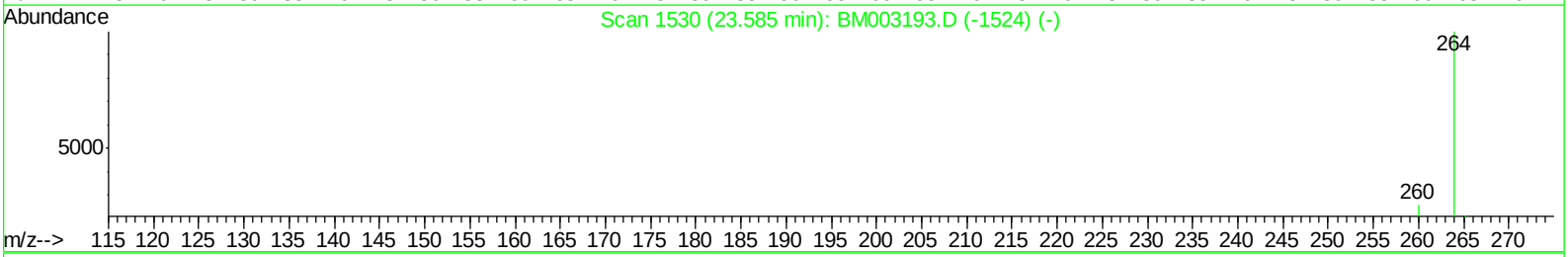
Instrument :
BNA_M
ClientSampleId :
A4J58

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:32 PM







TIC: BM003208.D

(22) Perylene-d12 (I)

23.585min (+0.000) 0.40ng/ul m

response 69689

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	24.76
265.00	38.20	32.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003208.D
Acq On : 20 Nov 2015 02:11
Operator : UM/IZ
Sample : G4323-29
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 20 07:46:24 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 :
A4J58

Manual Integrations APPROVED
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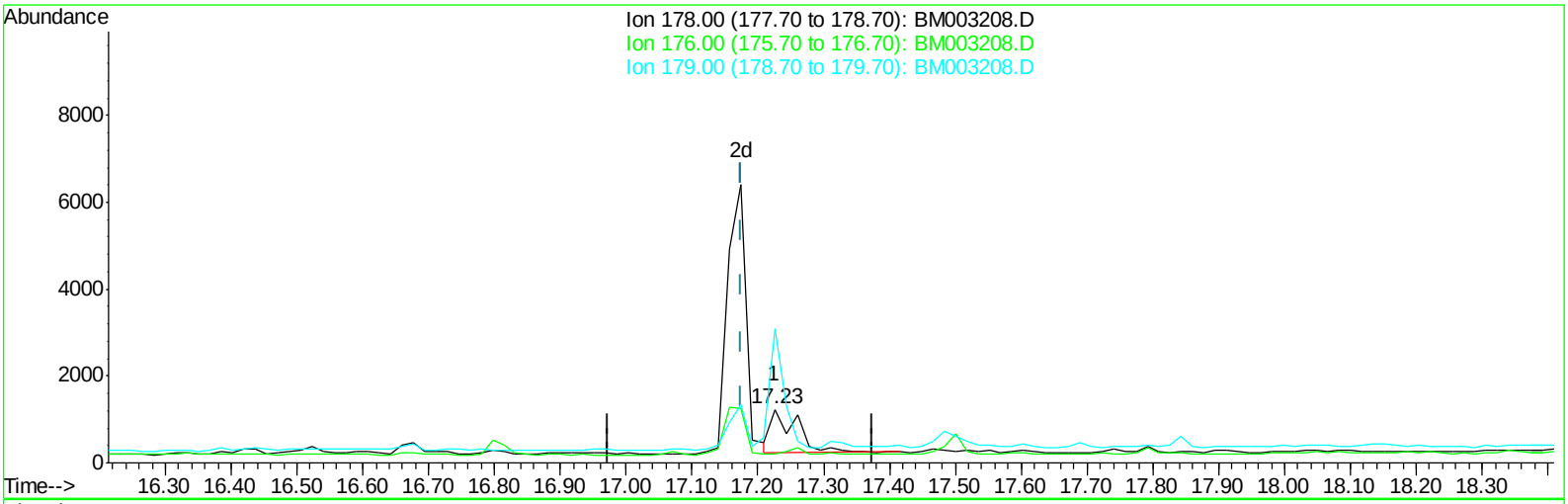
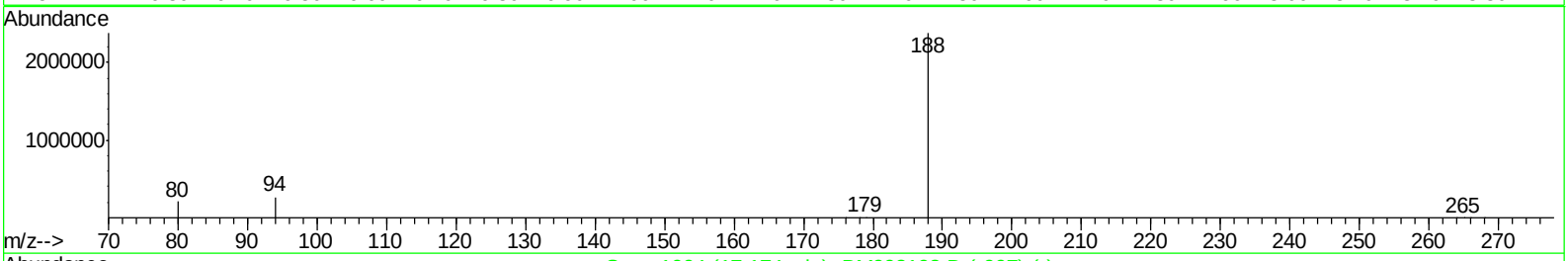
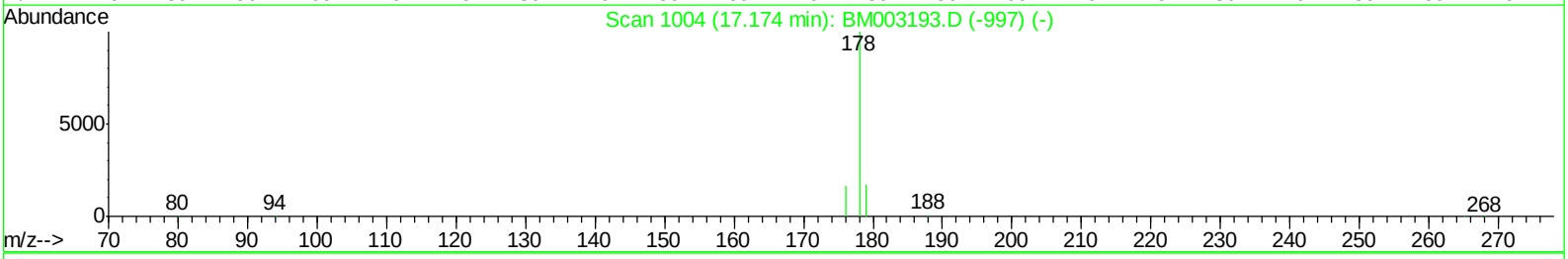
11/20/2015 7:00:32 PM







TIC: BM003208.D

(14) Phenanthrene

17.226min (+0.052) 0.02ng/ul

response 2781

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.15
179.00	17.70	249.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003208.D
Acq On : 20 Nov 2015 02:11
Operator : UM/IZ
Sample : G4323-29
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 20 07:46:24 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 :
A4J58

Manual Integrations APPROVED
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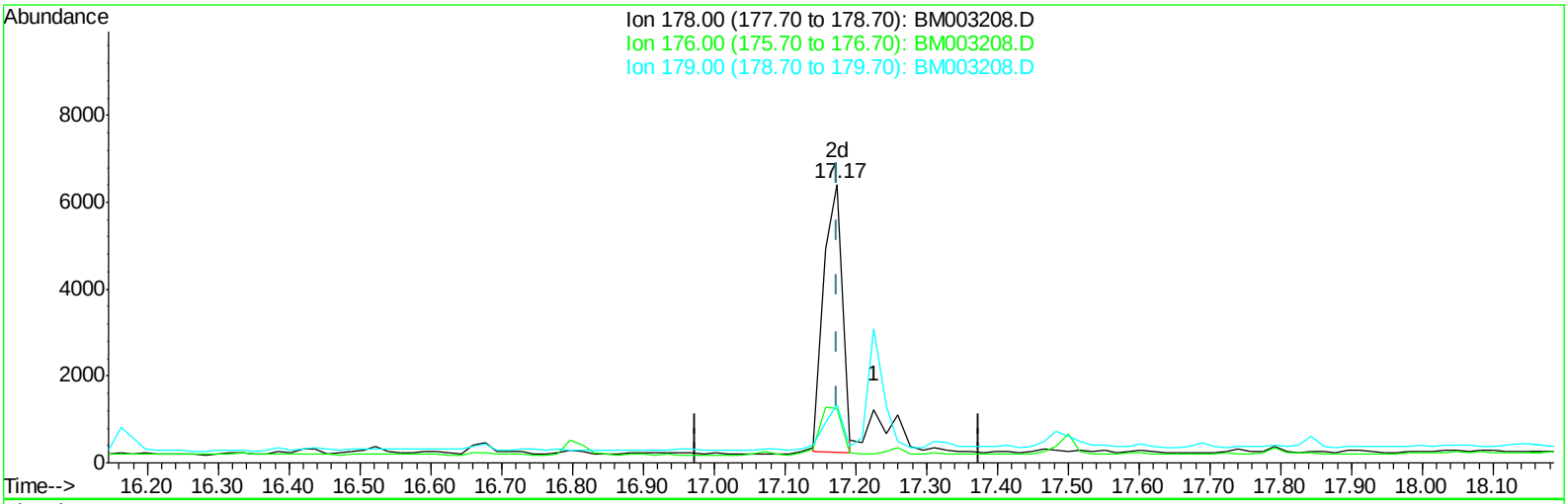
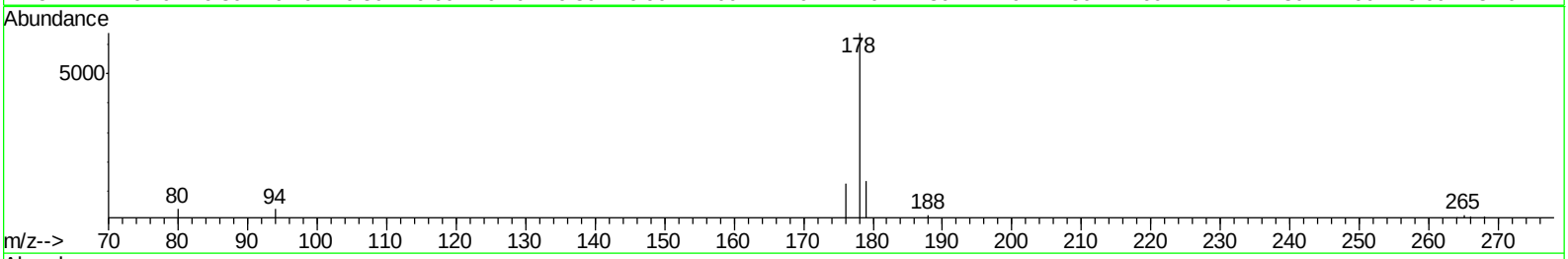
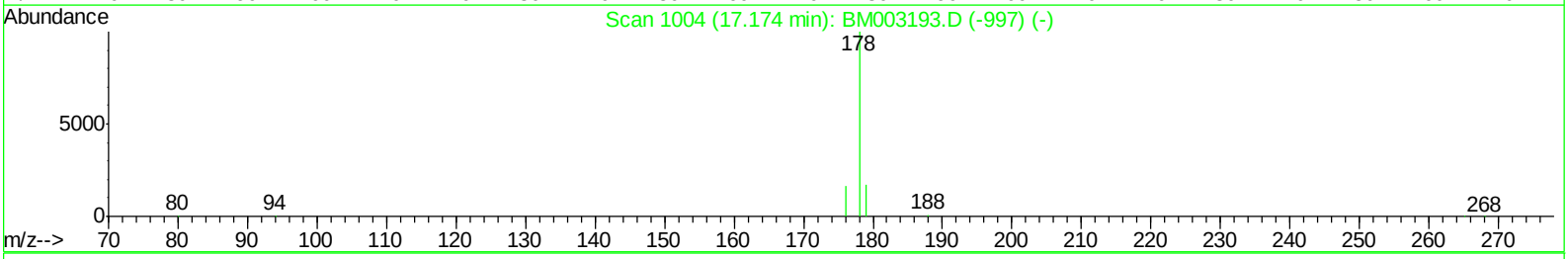
11/20/2015 7:00:32 PM







TIC: BM003208.D

(14) Phenanthrene

17.174min (+0.000) 0.06ng/ul m

response 11439

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	19.58#
179.00	17.70	20.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003208.D
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Operator : UM/IZ
Sample : G4323-29
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 20 07:46:24 2015
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Instrument :
BNA_M
ClientSampleId :
A4J58

Manual Integrations APPROVED
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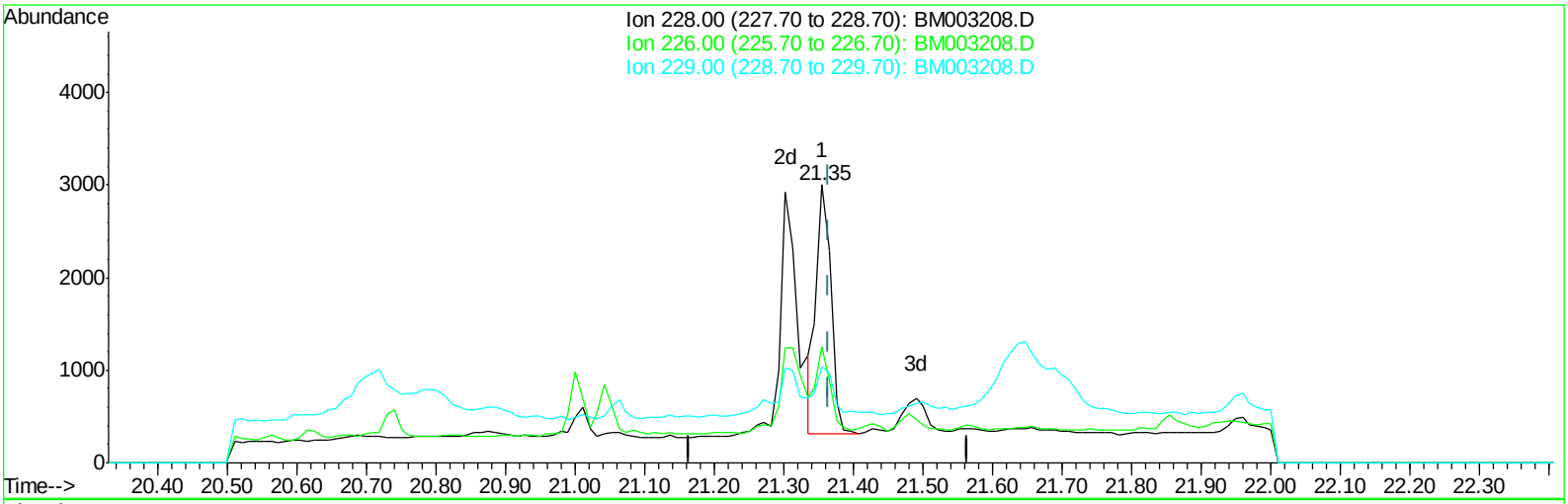
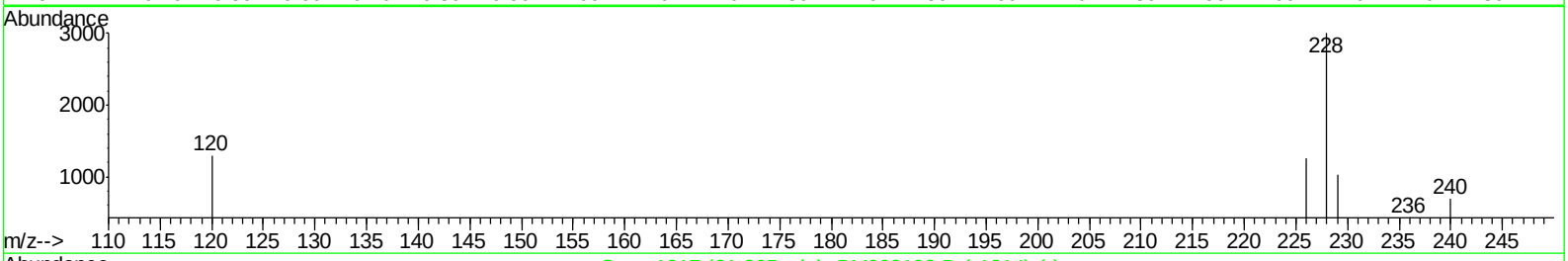
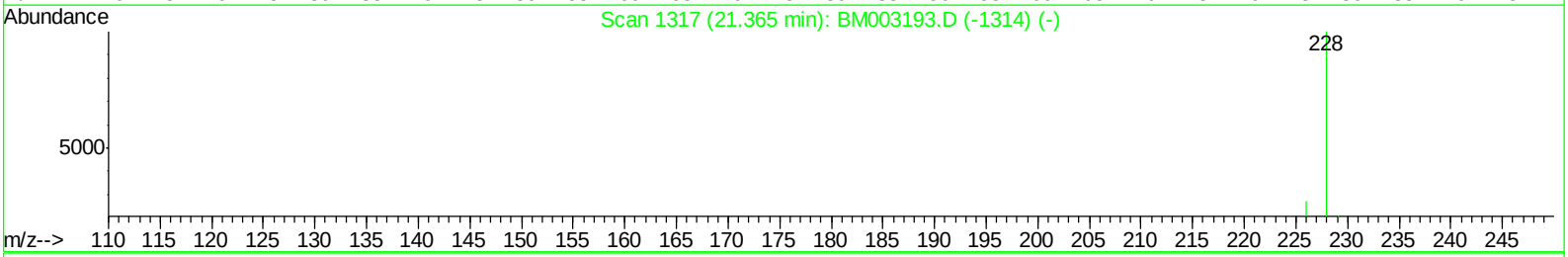
11/20/2015 7:00:32 PM







TIC: BM003208.D

(21) Chrysene

21.354min (-0.010) 0.02ng/ul

response 3929

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	41.93#
229.00	21.30	34.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003208.D
Acq On : 20 Nov 2015 02:11
Operator : UM/IZ
Sample : G4323-29
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 20 07:46:24 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 :
A4J58

Manual Integrations APPROVED
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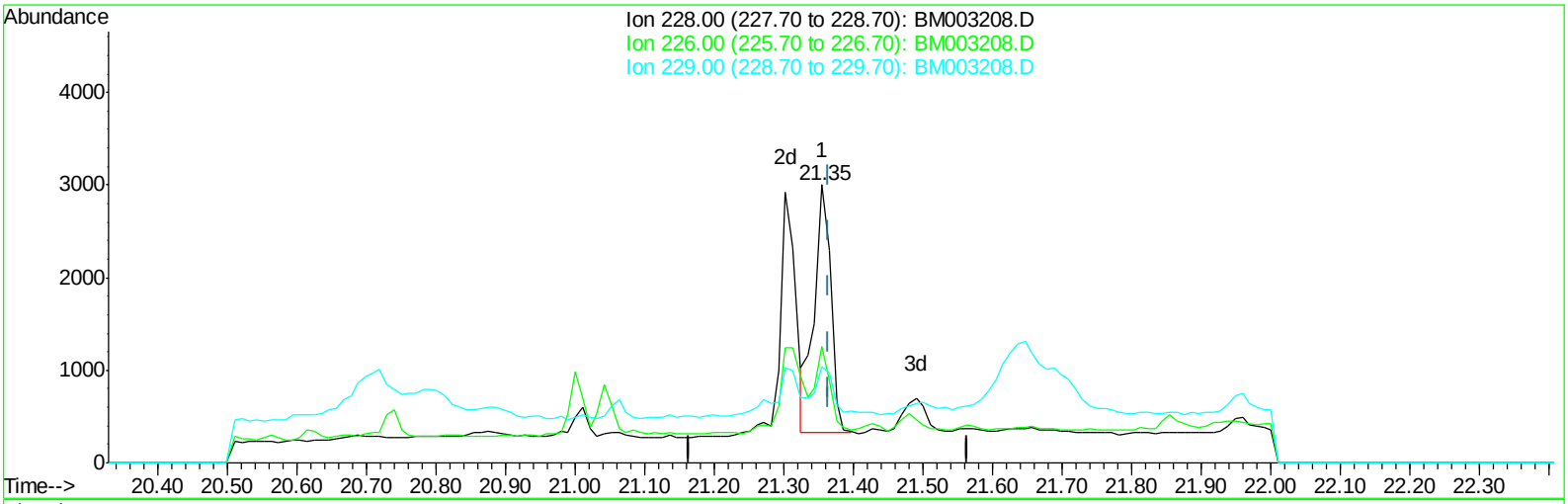
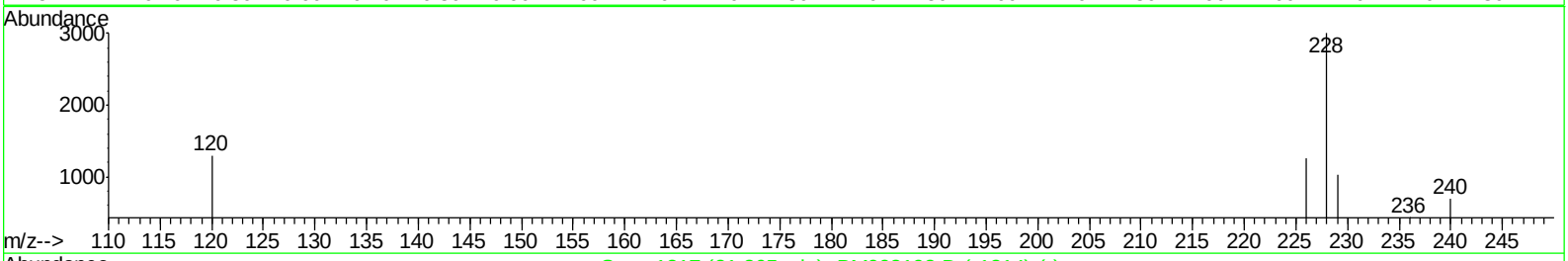
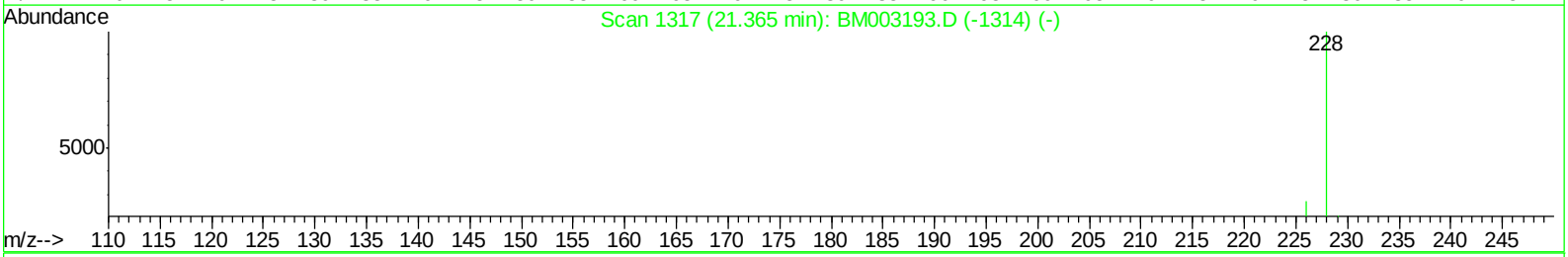
11/20/2015 7:00:32 PM







TIC: BM003208.D

(21) Chrysene

21.354min (-0.010) 0.02ng/ul m

response 4398

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	41.93#
229.00	21.30	34.41#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003208.D
Acq On : 20 Nov 2015 02:11
Operator : UM/IZ
Sample : G4323-29
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J58

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:32 PM

Quant Time: Nov 20 07:47:39 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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	11455	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	44981	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	27815	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	62476m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	62459	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	69689m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	77128	6.30	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	20965	0.34	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	44283	0.29	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	3578	0.03	ng/ul#	84
7) 2-Methylnaphthalene	12.19	142	467	0.01	ng/ul#	100
13) Pentachlorophenol	16.78	266	1138	0.08	ng/ul#	17
14) Phenanthrene	17.17	178	11439m	0.06	ng/ul	
17) Fluoranthene	19.19	202	8699	0.04	ng/ul	83
20) Benzo(a)anthracene	21.30	228	4211	0.02	ng/ul#	66
21) Chrysene	21.35	228	4398m	0.02	ng/ul	

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

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Mmdadoda
11/20/2015 7:00:32 PM