

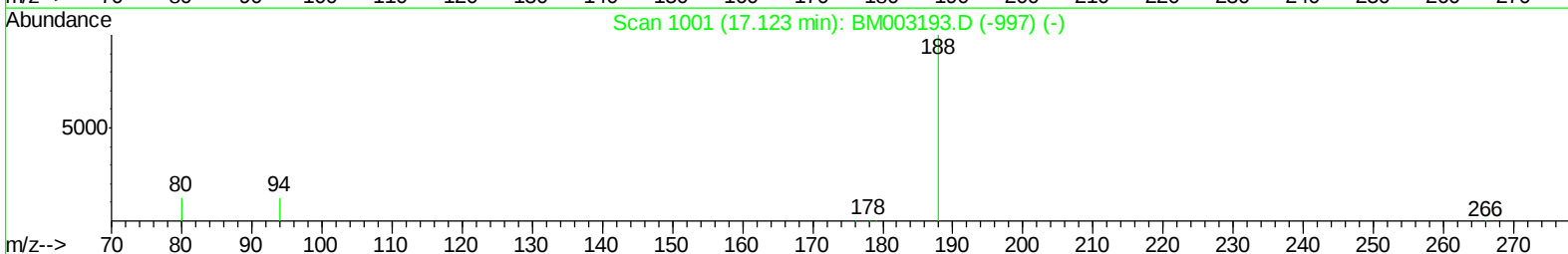
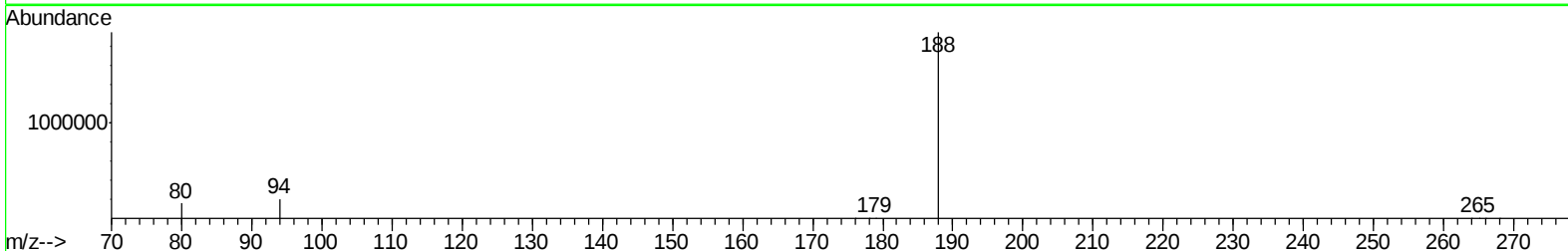
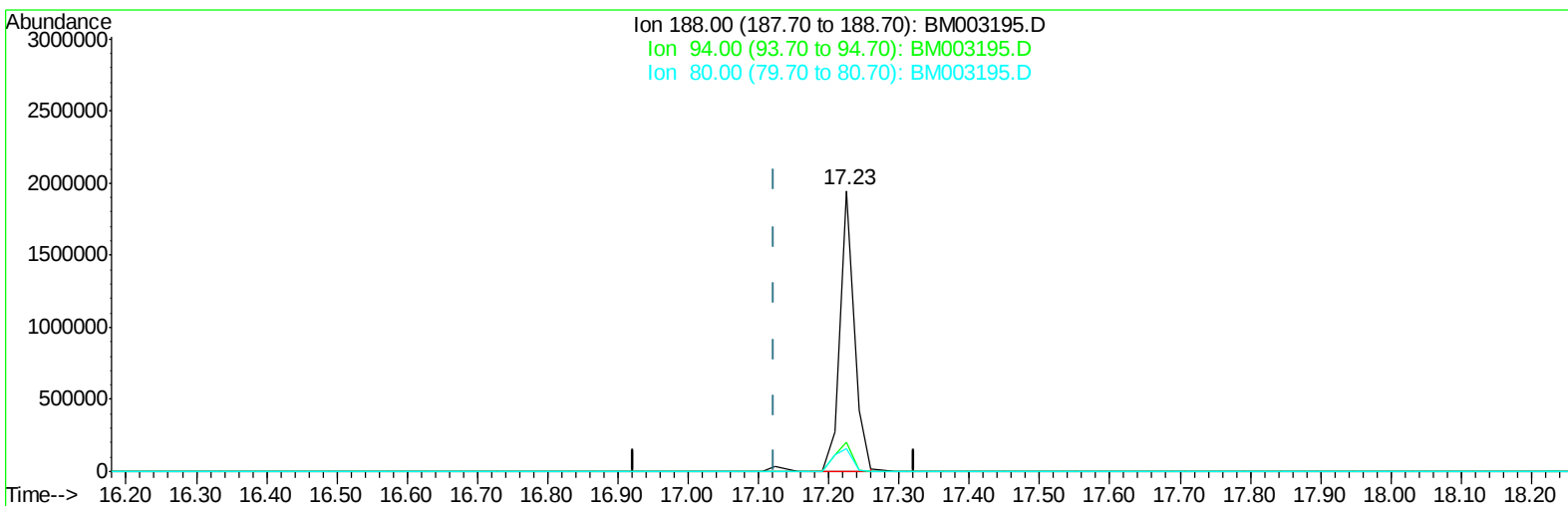
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003195.D
Acq On : 19 Nov 2015 18:17
Operator : UM/IZ
Sample : G4323-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT6

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:13 PM

Quant Time: Nov 20 03:40:18 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: BM003195.D

(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 2736801

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.44
80.00	11.90	8.05#
0.00	0.00	0.00

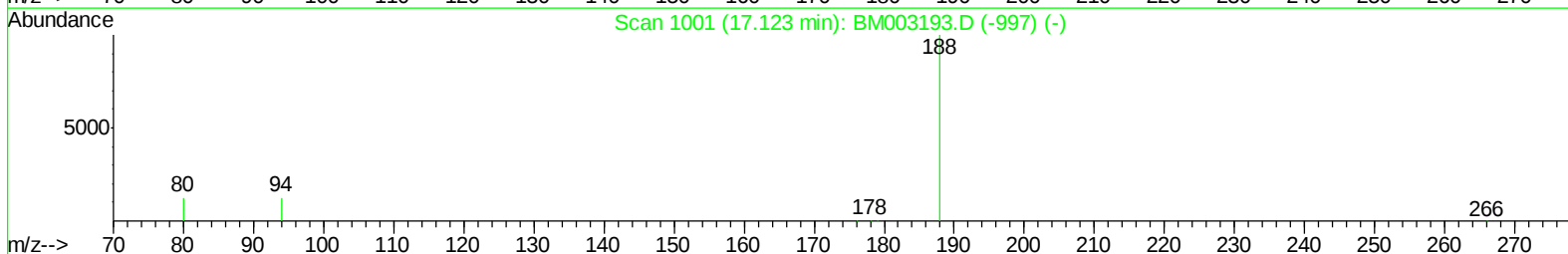
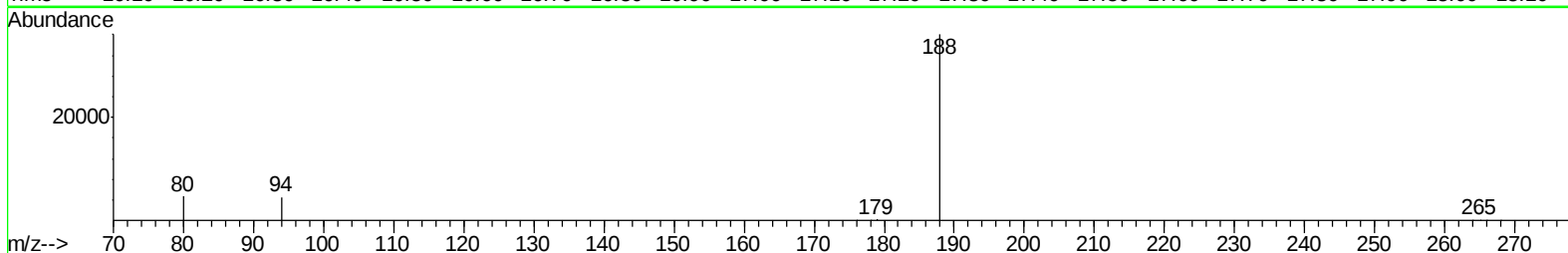
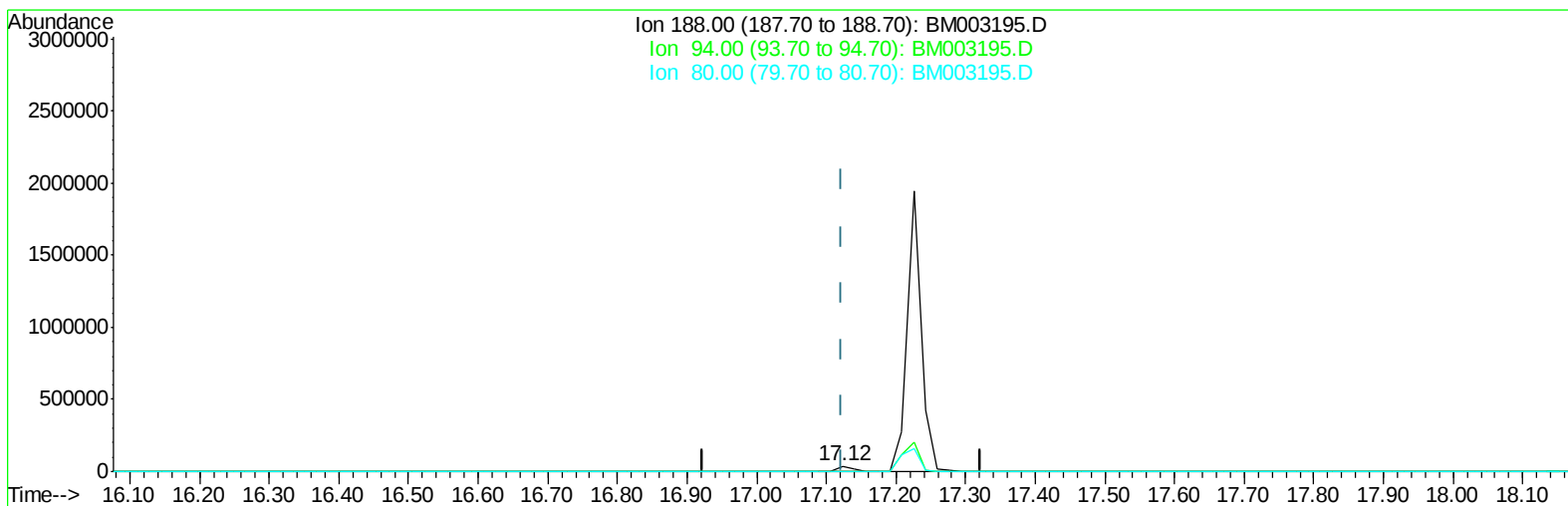
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003195.D
Acq On : 19 Nov 2015 18:17
Operator : UM/IZ
Sample : G4323-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT6

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:13 PM

Quant Time: Nov 20 03:40:18 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: BM003195.D

(12) Phenanthrene-d10 (I)

17.123min (-0.000) 0.40ng/ul m

response 58747

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	12.57
80.00	11.90	12.97
0.00	0.00	0.00

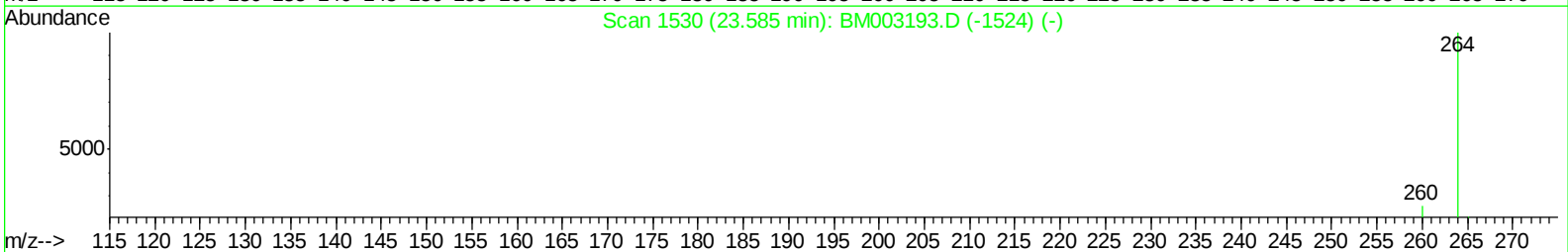
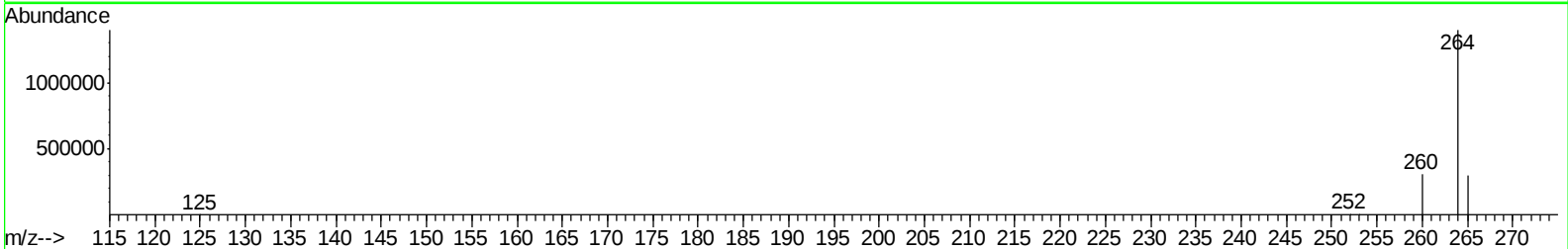
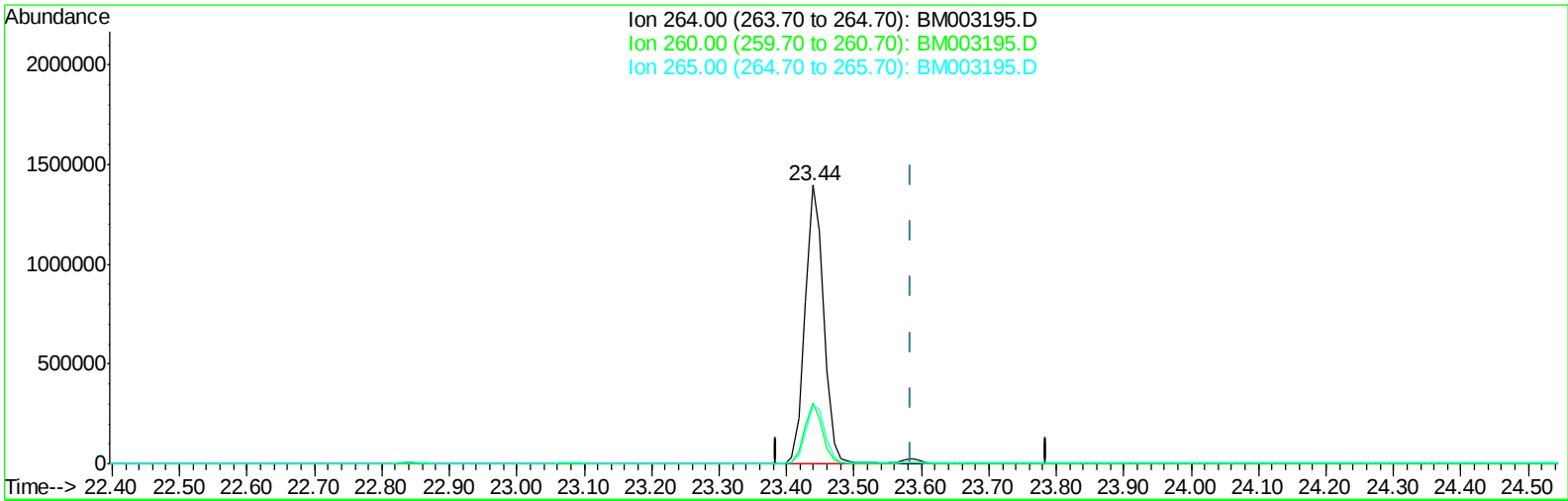
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003195.D
Acq On : 19 Nov 2015 18:17
Operator : UM/IZ
Sample : G4323-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT6

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:13 PM

Quant Time: Nov 20 05:31:50 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: BM003195.D

(22) Perylene-d12 (I)

23.439min (-0.146) 0.40ng/ul

response 2647526

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.87
265.00	38.20	21.08#
0.00	0.00	0.00

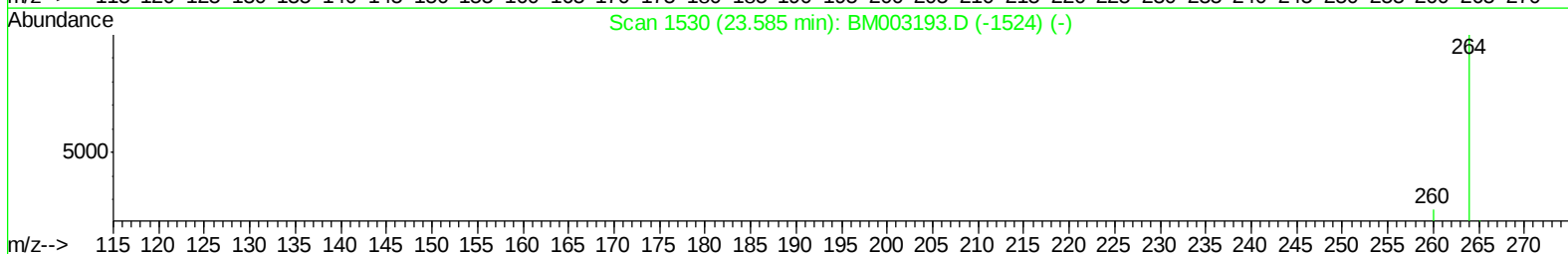
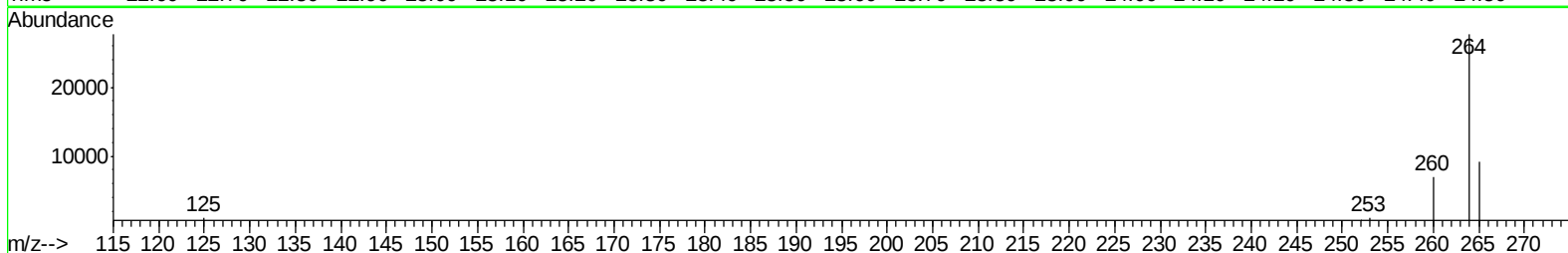
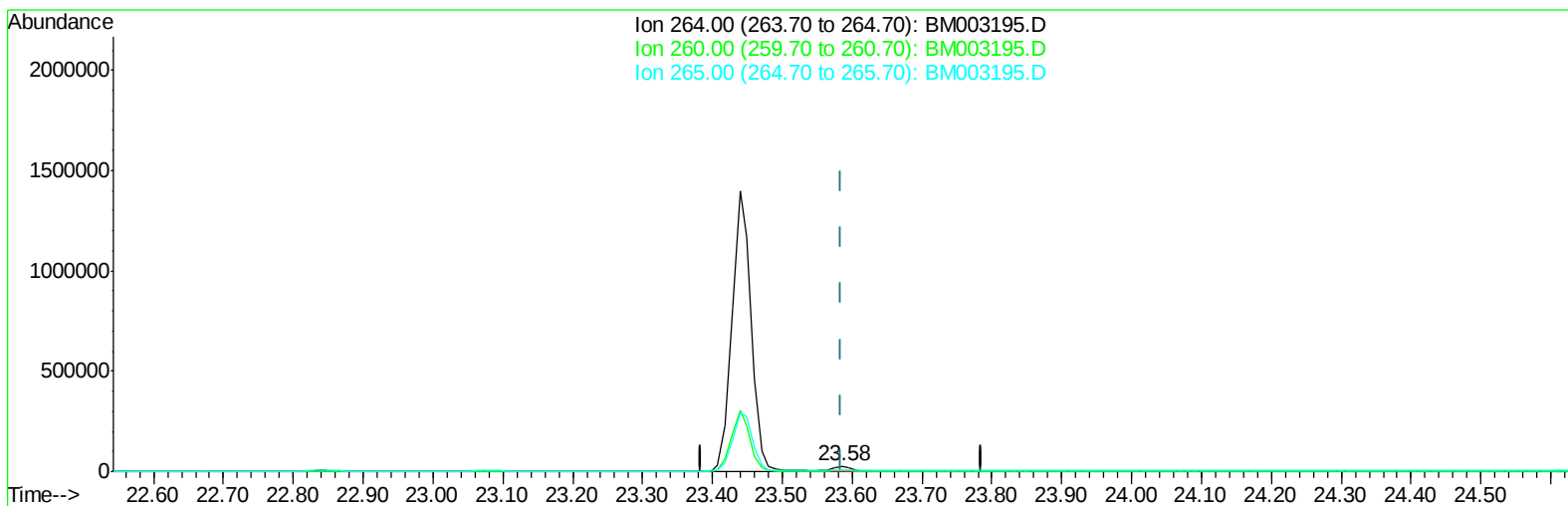
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003195.D
Acq On : 19 Nov 2015 18:17
Operator : UM/IZ
Sample : G4323-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT6

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:13 PM

Quant Time: Nov 20 05:31:50 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: BM003195.D

(22) Perylene-d12 (I)

23.585min (-0.000) 0.40ng/ul m

response 50447

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.18
265.00	38.20	33.19
0.00	0.00	0.00

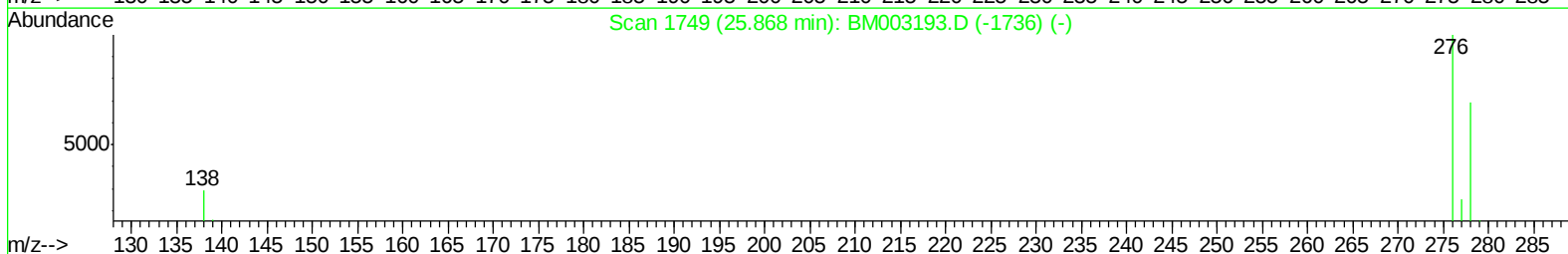
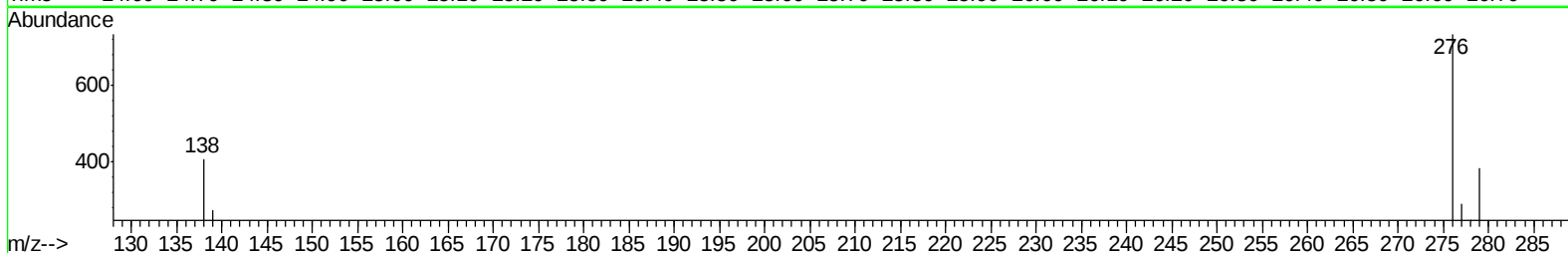
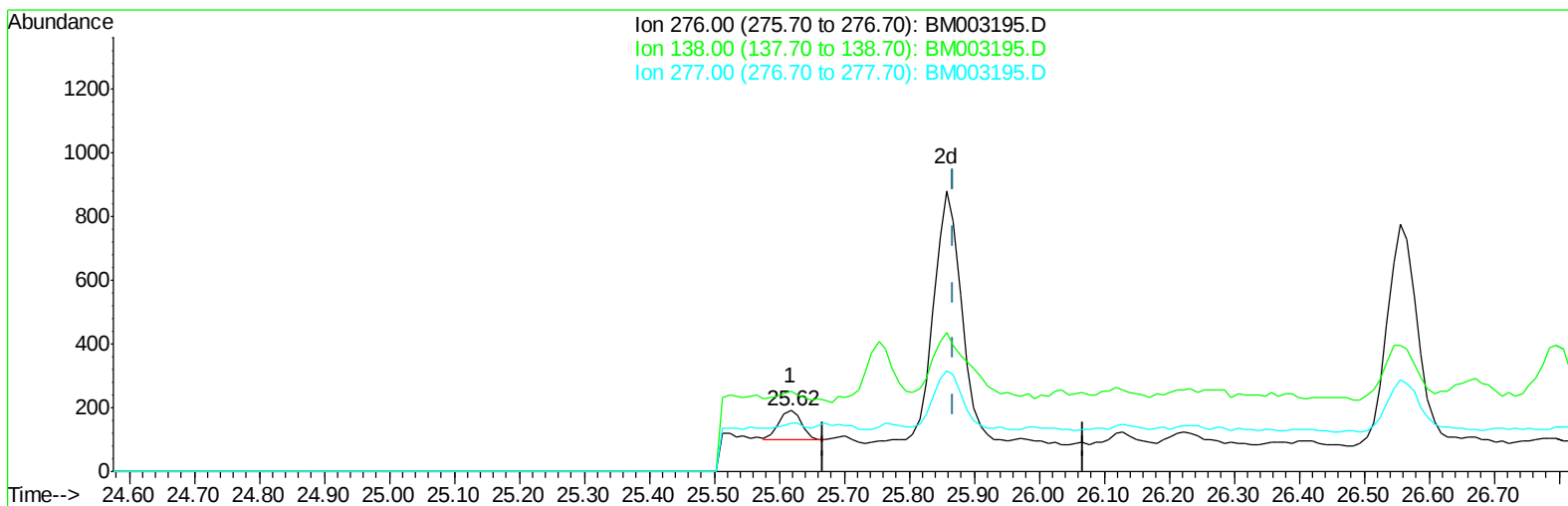
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003195.D
Acq On : 19 Nov 2015 18:17
Operator : UM/IZ
Sample : G4323-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT6

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:13 PM

Quant Time: Nov 20 05:33:24 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



TIC: BM003195.D

(26) Indeno(1,2,3-cd)pyrene

25.618min (-0.250) 0.00ng/ul

response 220

Ion	Exp%	Act%
276.00	100	100
138.00	0.00	42.73#
277.00	0.00	17.73#
0.00	0.00	0.00

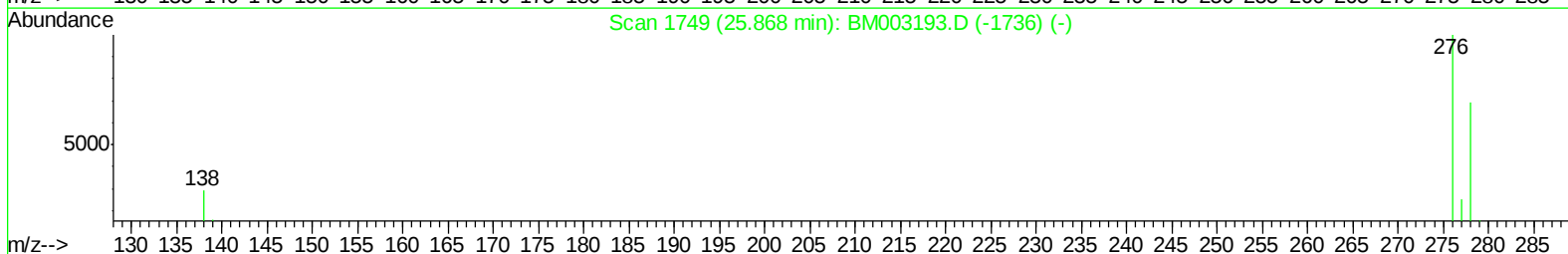
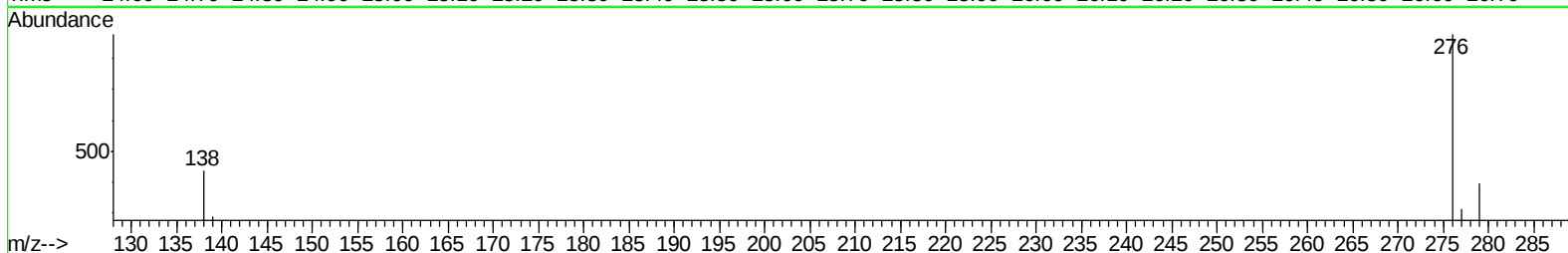
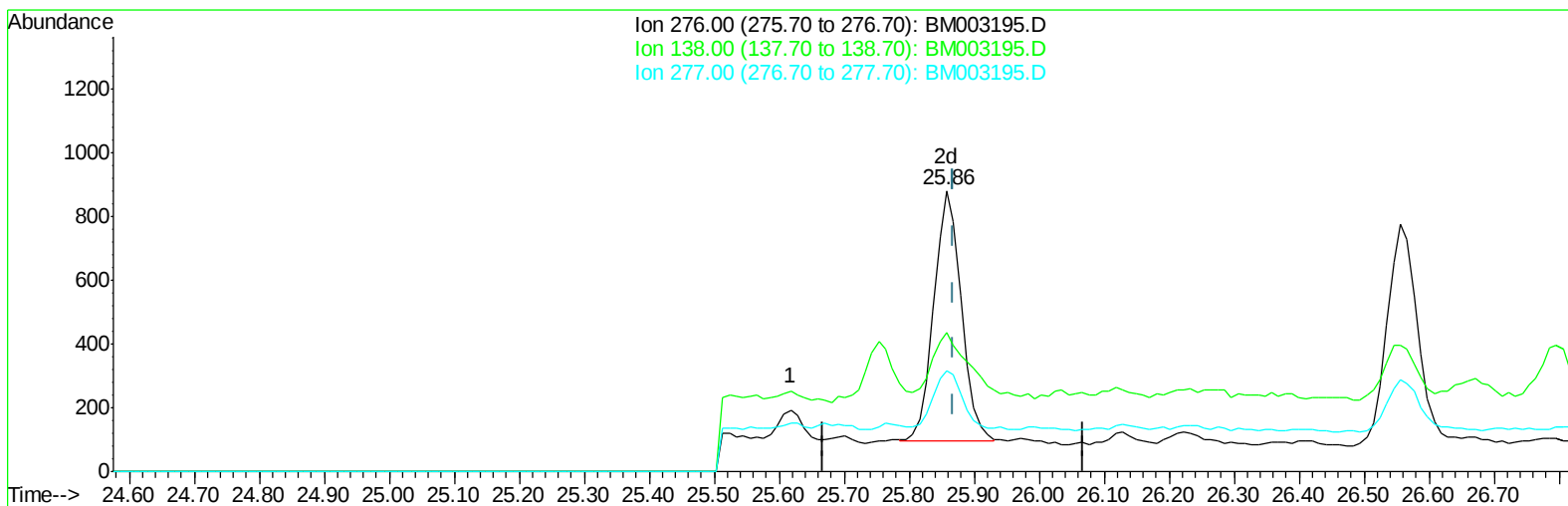
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003195.D
Acq On : 19 Nov 2015 18:17
Operator : UM/IZ
Sample : G4323-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT6

Quant Time: Nov 20 05:33:24 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

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:13 PM



TIC: BM003195.D

(26) Indeno(1,2,3-cd)pyrene
25.857min (-0.010) 0.01ng/ul m
response 2287

Ion	Exp%	Act%
276.00	100	100
138.00	0.00	4.11#
277.00	0.00	1.71#
0.00	0.00	0.00

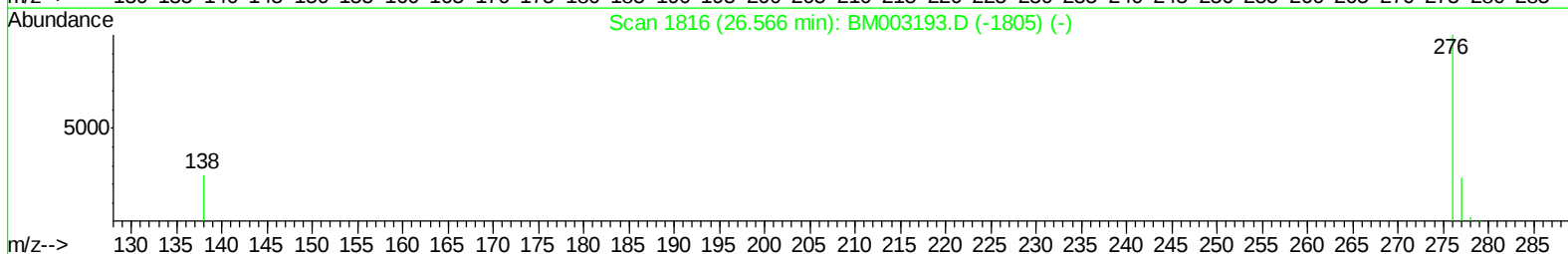
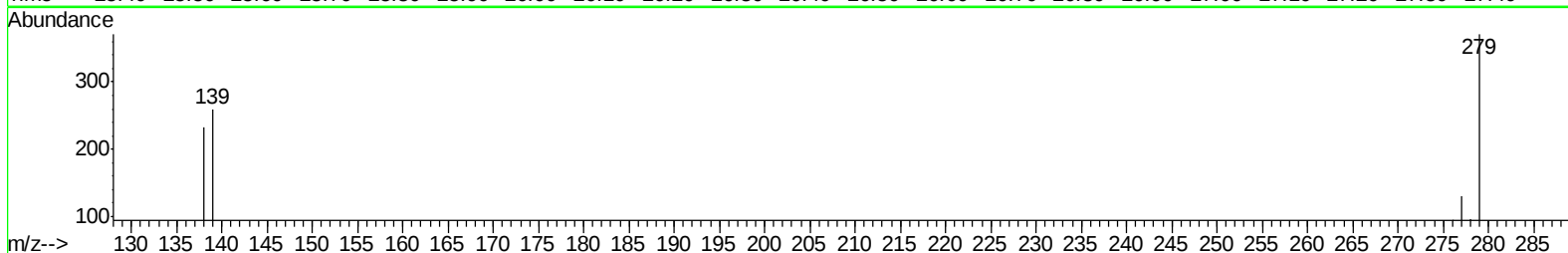
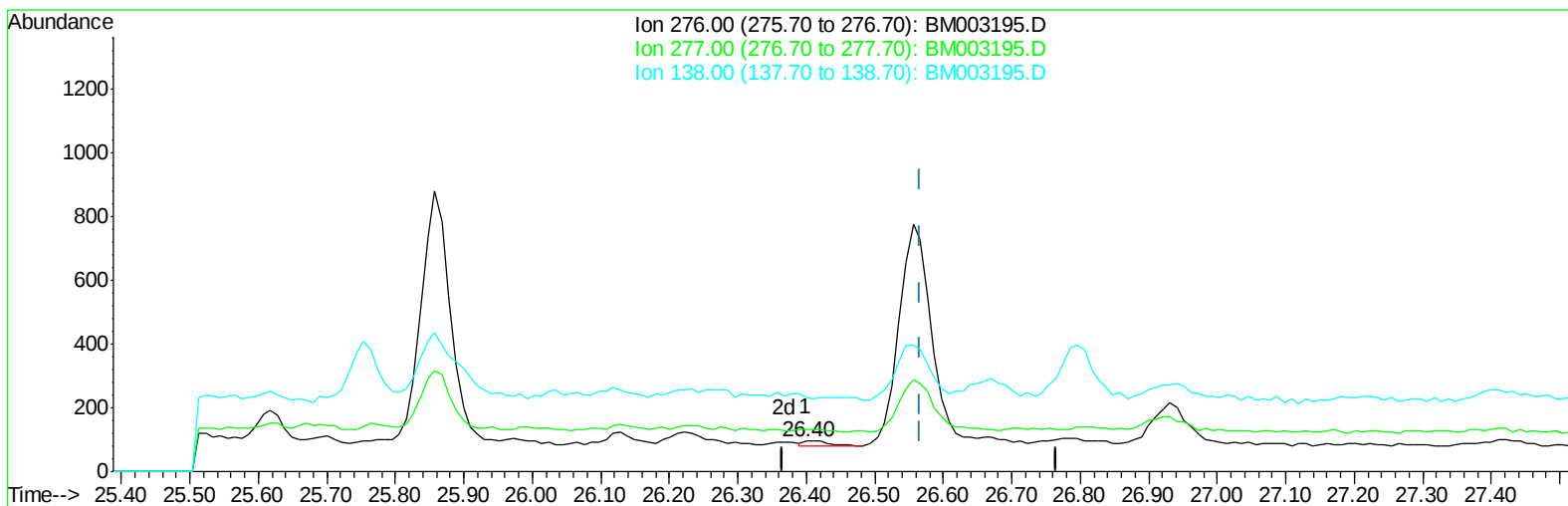
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003195.D
Acq On : 19 Nov 2015 18:17
Operator : UM/IZ
Sample : G4323-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT6

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:13 PM

Quant Time: Nov 20 05:34:43 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: BM003195.D

(28) Benzo(g,h,i)perylene
26.399min (-0.167) 0.00ng/ul
response 34

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	138.30#
138.00	28.10	247.87#
0.00	0.00	0.00

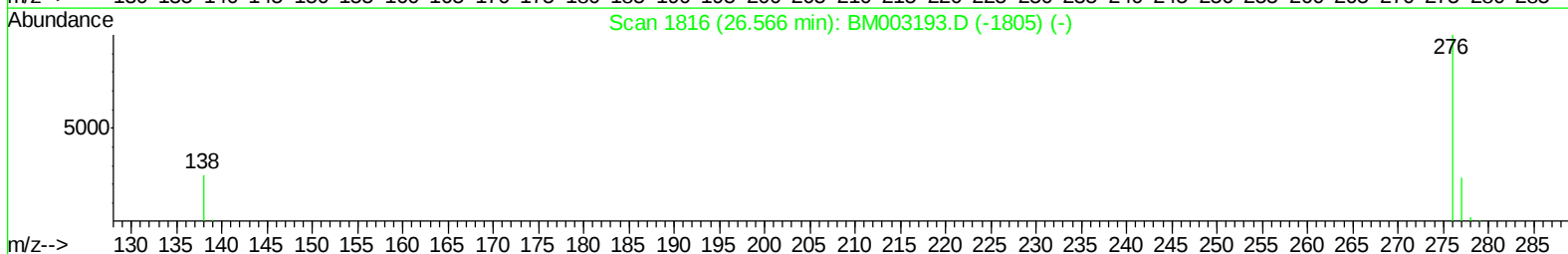
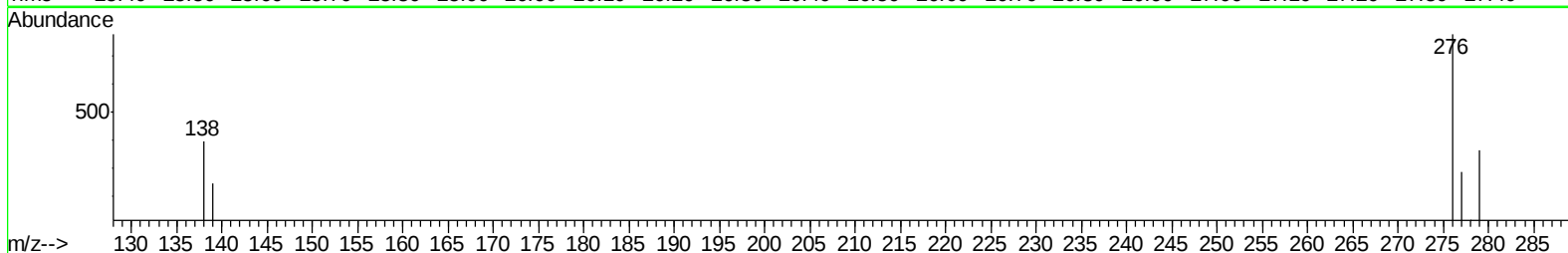
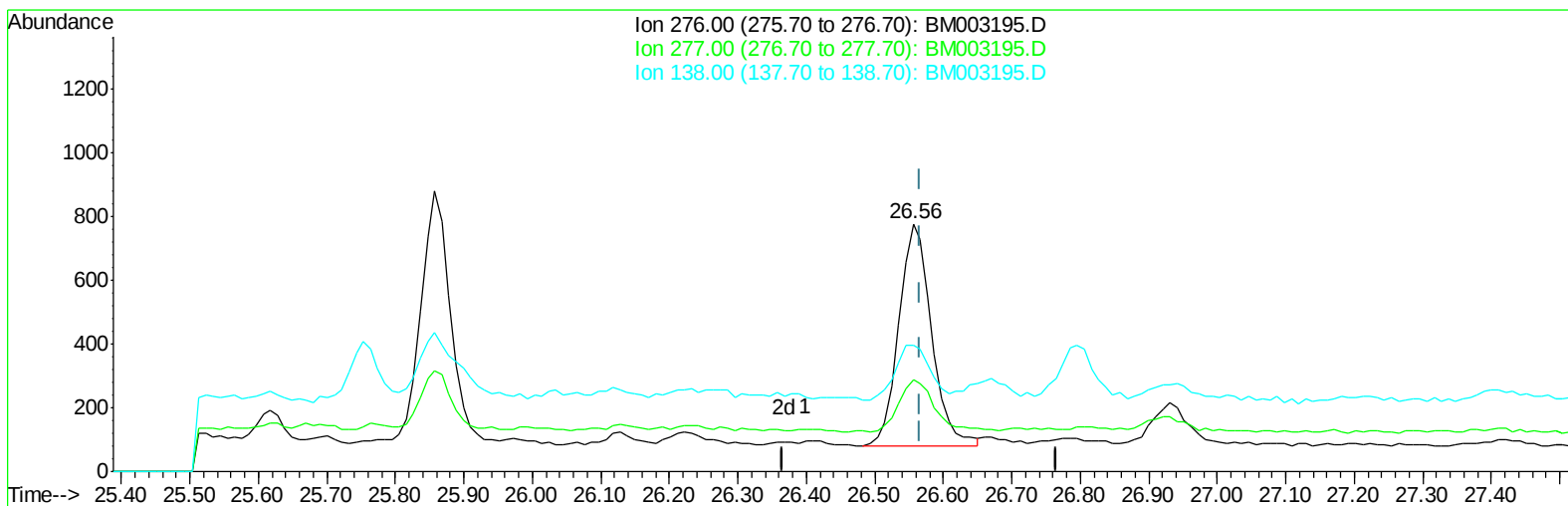
Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003195.D
Acq On : 19 Nov 2015 18:17
Operator : UM/IZ
Sample : G4323-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT6

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:13 PM

Quant Time: Nov 20 05:34:43 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: BM003195.D

(28) Benzo(g,h,i)perylene

26.556min (-0.010) 0.01ng/ul m

response 2307

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	36.90#
138.00	28.10	51.10#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
 Data File : BM003195.D
 Acq On : 19 Nov 2015 18:17
 Operator : UM/IZ
 Sample : G4323-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT6

Manual Integrations
 APPROVED

Mmdadoda
 11/20/2015 7:00:13 PM

Quant Time: Nov 20 05:38:00 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	15359	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	57275	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	29242	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	58747m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	53474	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	50447m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	66891	4.08	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	16155	0.21	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	29830	0.21	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.58	128	9062	0.06	ng/ul#	95
17) Fluoranthene	19.19	202	6681	0.04	ng/ul	89
20) Benzo(a)anthracene	21.30	228	3141	0.02	ng/ul#	85
21) Chrysene	21.35	228	3140	0.02	ng/ul#	87
26) Indeno(1,2,3-cd)pyrene	25.86	276	2287m	0.01	ng/ul	
28) Benzo(g,h,i)perylene	26.56	276	2307m	0.01	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA M\Data\BM111915\
Data File : BM003195.D
Acq On : 19 Nov 2015 18:17
Operator : UM/IZ
Sample : G4323-05
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
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Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:13 PM

Quant Time: Nov 20 05:38:00 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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