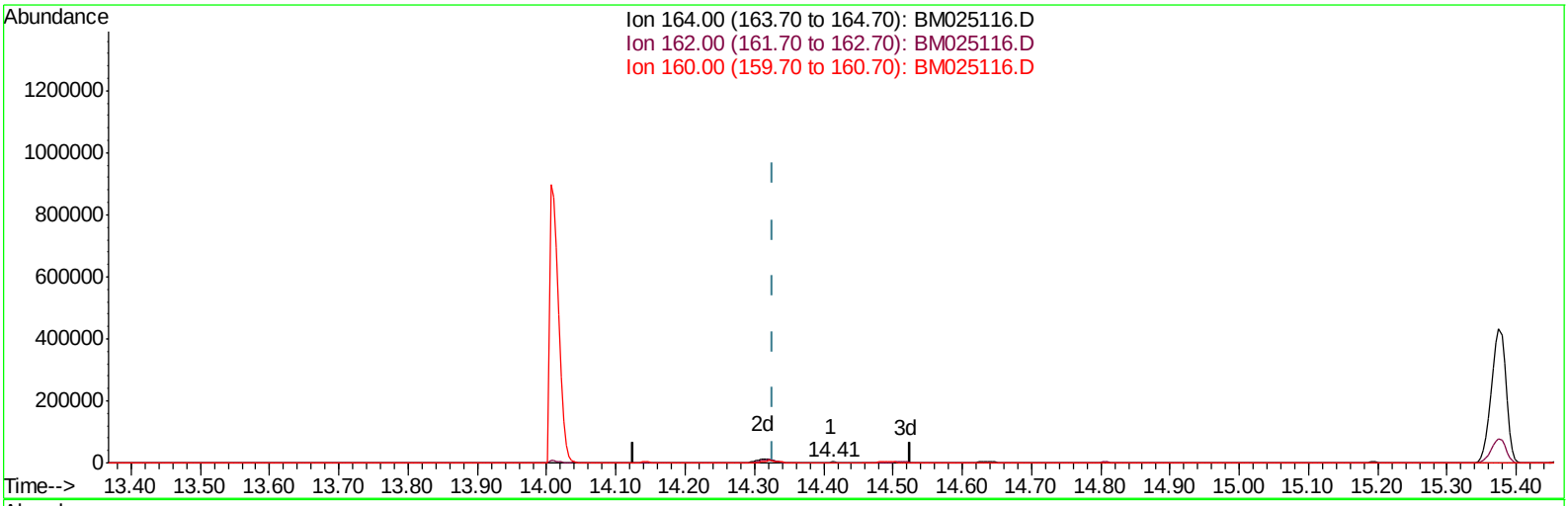
Quantitation Report (Qedit)

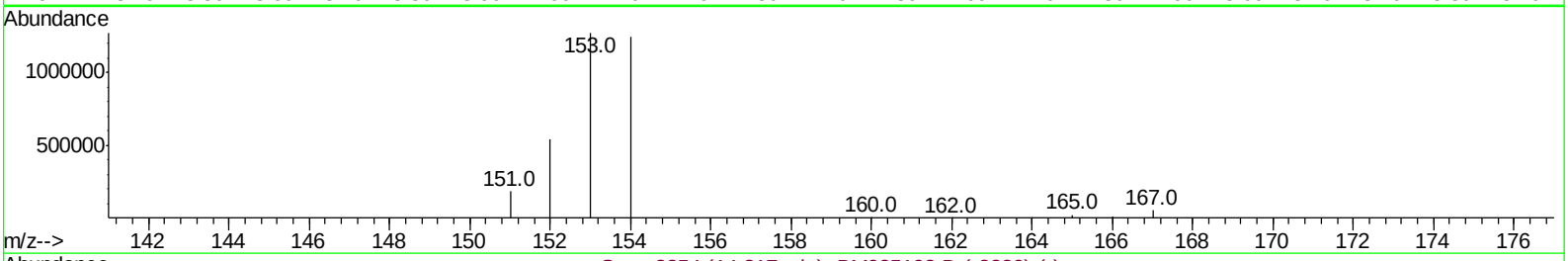
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

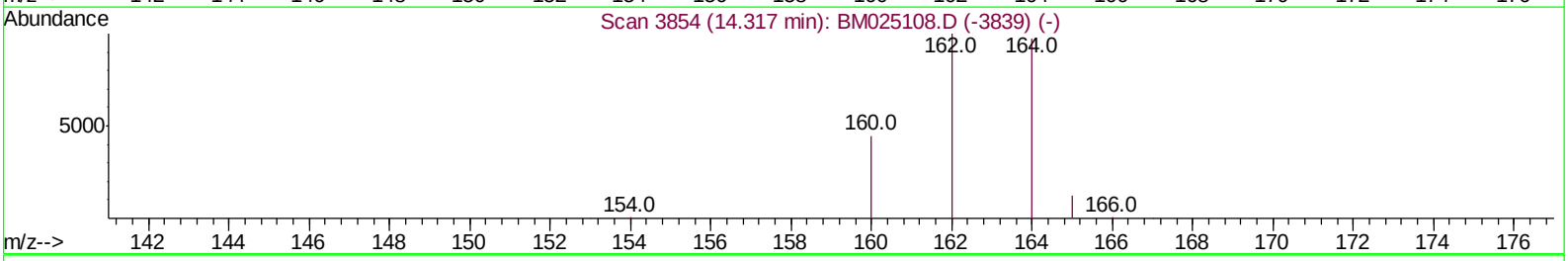
Quant Time: Feb 28 04:27:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(6) Acenaphthene-d10 (I)

14.412min (+0.085) 0.40ng/ul

response 3156

Ion	Exp%	Act%
164.00	100	100
162.00	107.80	21.22#
160.00	53.10	43.26
0.00	0.00	0.00

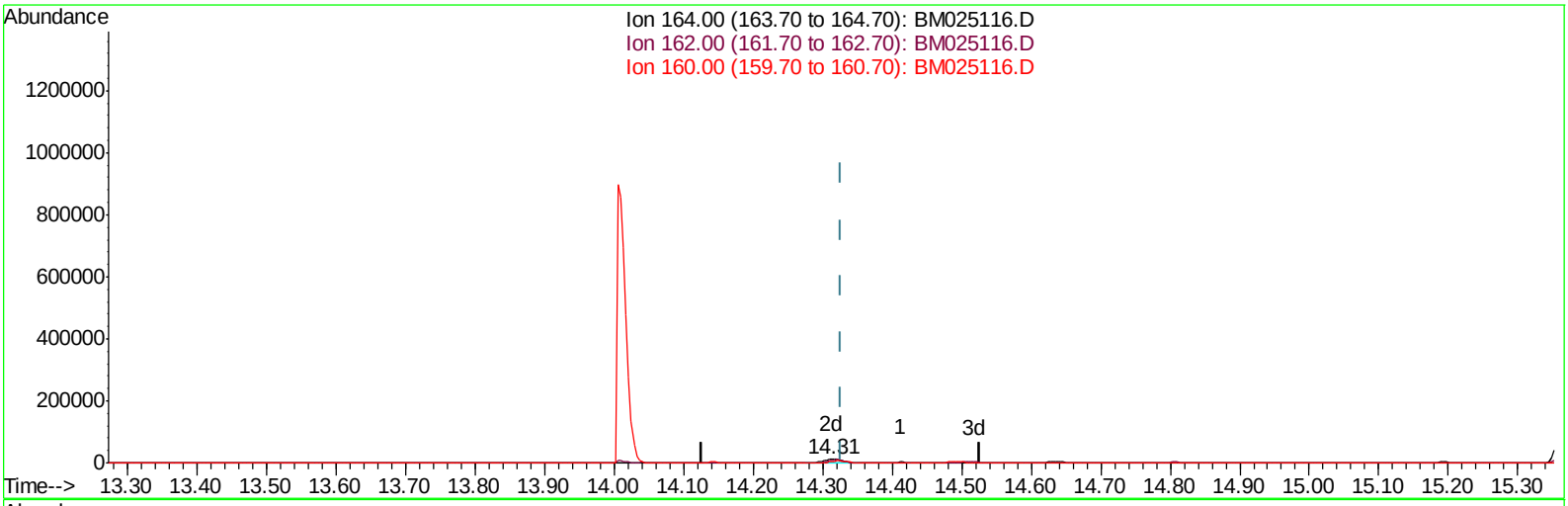
Quantitation Report (Qedit)

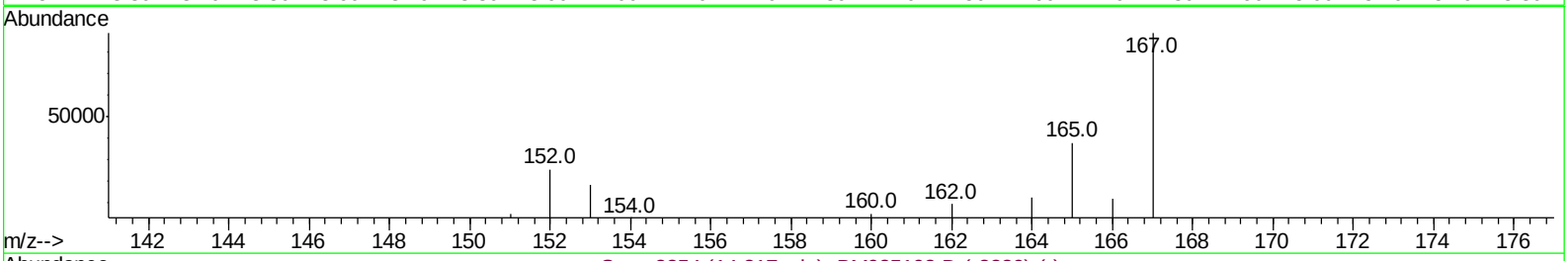
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

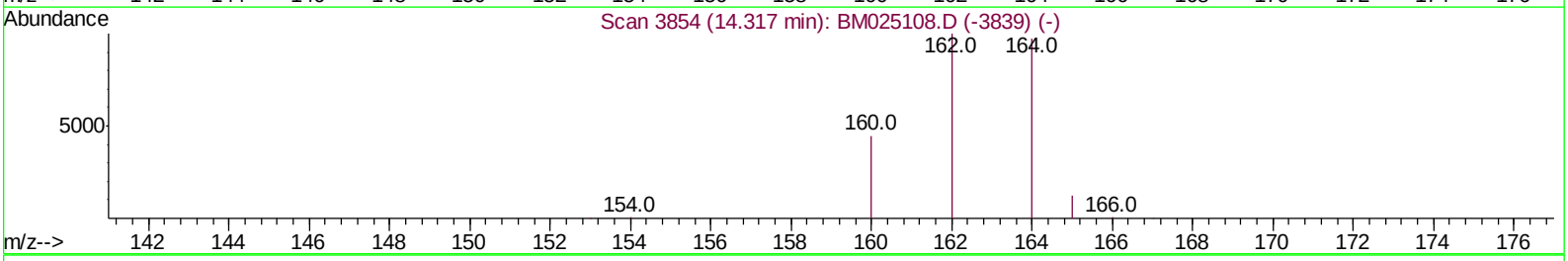
Quant Time: Feb 28 04:27:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(6) Acenaphthene-d10 (I)

14.313min (-0.013) 0.40ng/ul m

response 22903

Ion	Exp%	Act%
164.00	100	100
162.00	107.80	75.21#
160.00	53.10	39.49#
0.00	0.00	0.00

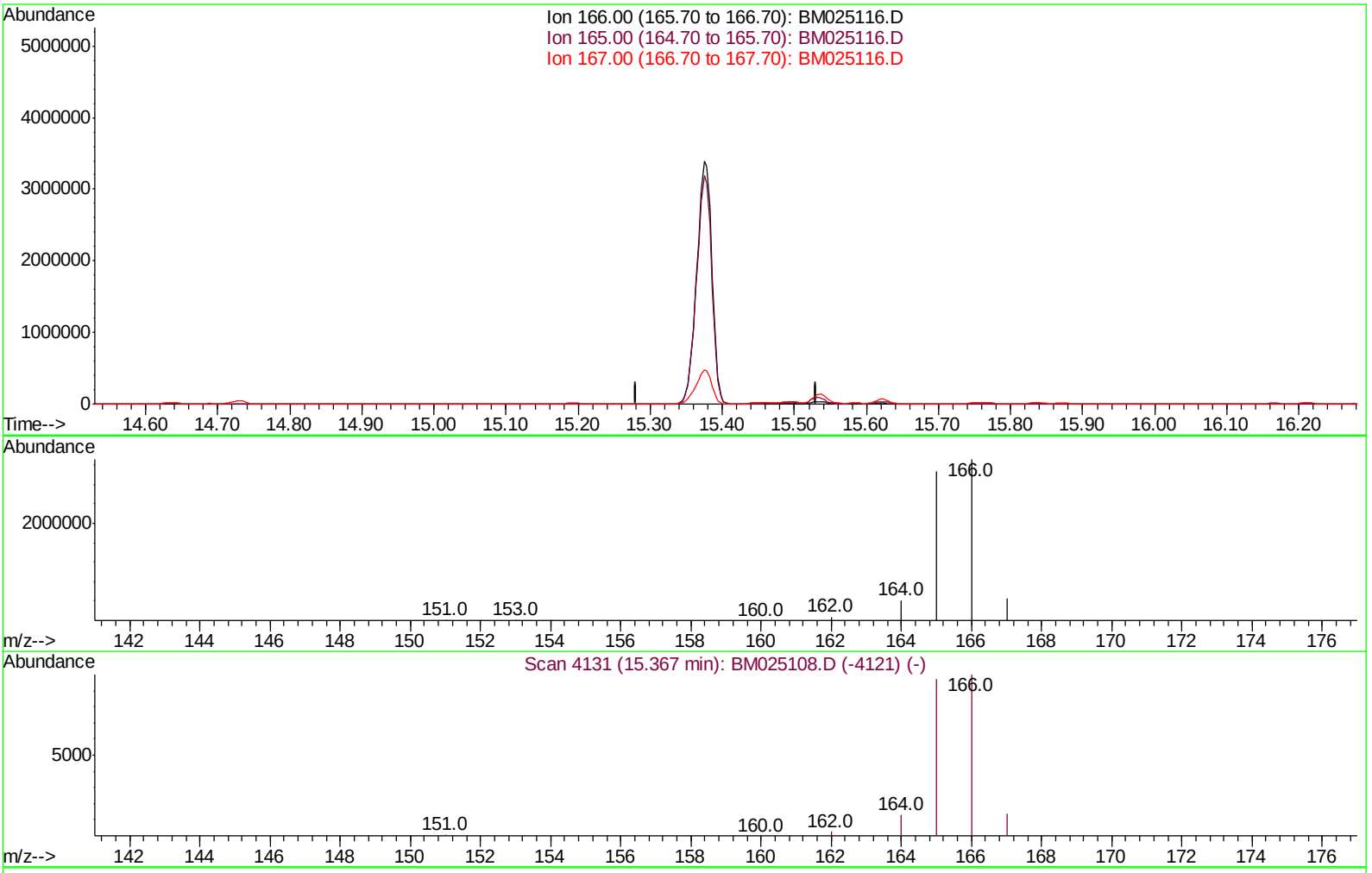
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:44:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM



TIC: BM025116.D

(9) Fluorene

15.380min (-15.380) 0.00ng/ul

response 0

Ion	Exp%	Act%
166.00	100	0.00
165.00	100.00	0.00#
167.00	17.10	0.00#
0.00	0.00	0.00

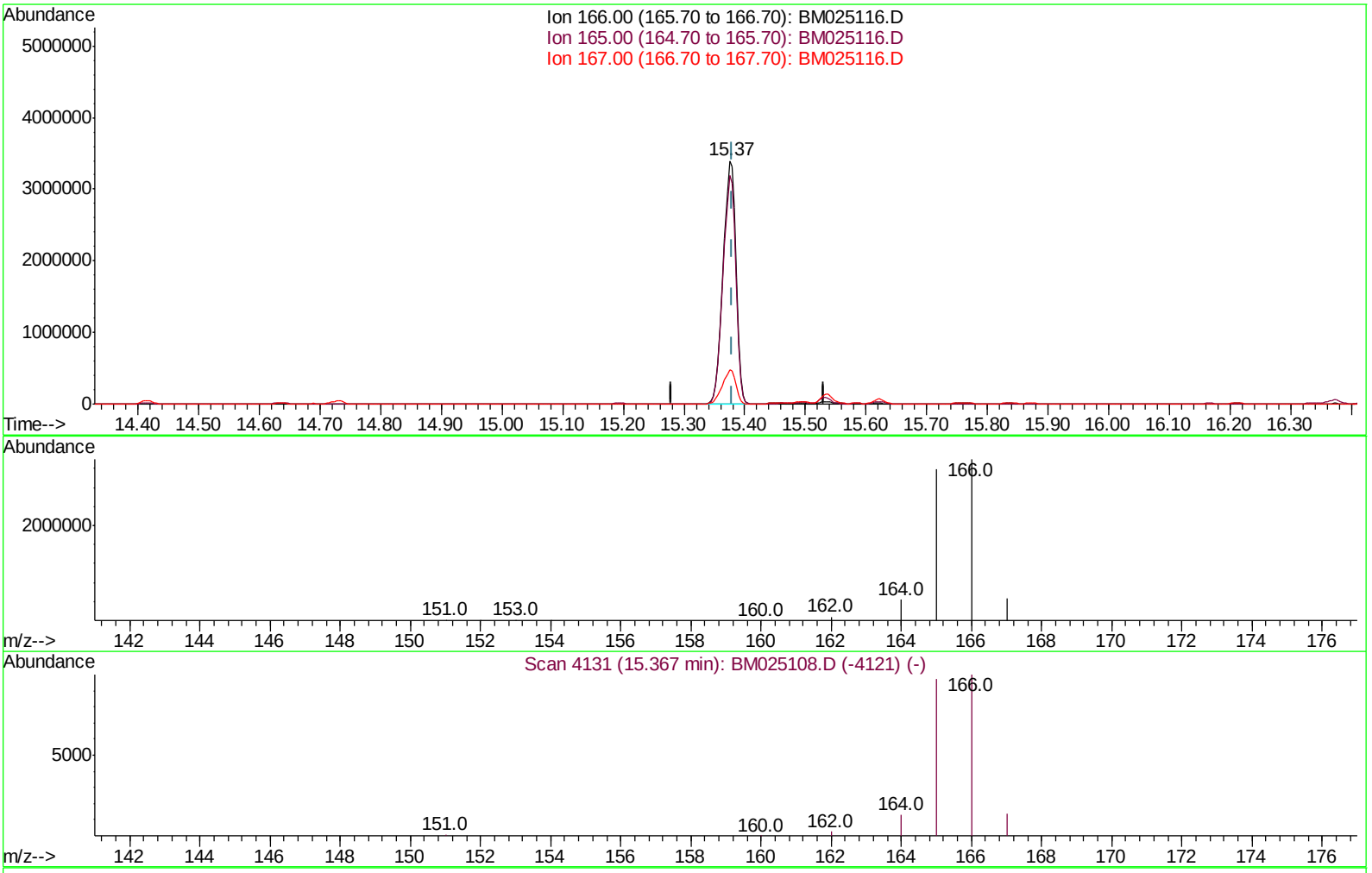
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:44:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM



TIC: BM025116.D

(9) Fluorene

15.375min (-0.006) 44.22ng/ul m

response 4923350

Ion	Exp%	Act%
166.00	100	100
165.00	100.00	93.98
167.00	17.10	13.89
0.00	0.00	0.00

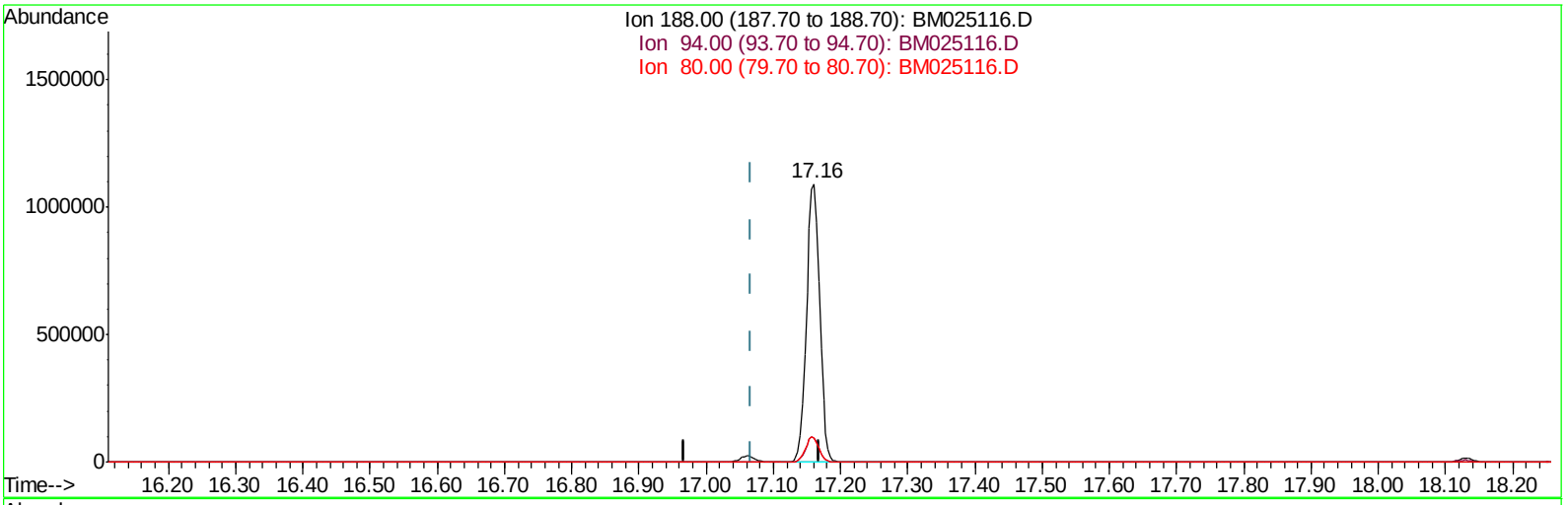
Quantitation Report (Qedit)

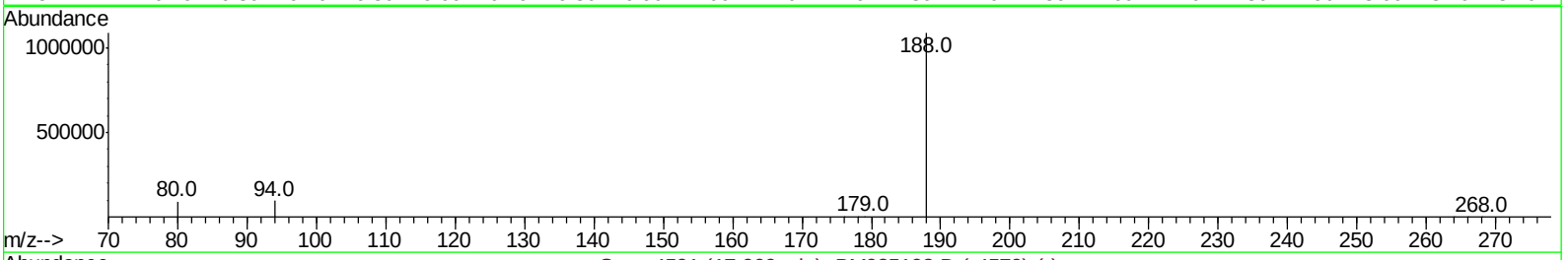
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

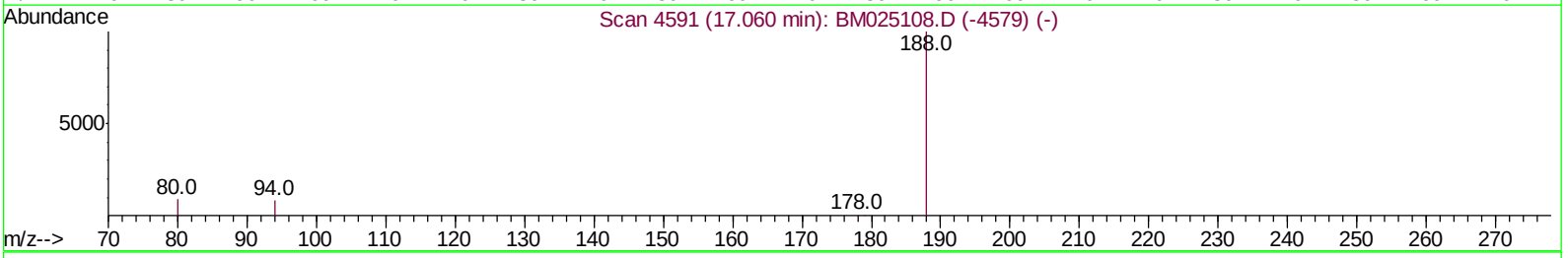
Quant Time: Feb 28 05:44:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(10) Phenanthrene-d10 (I)

17.161min (+0.093) 0.40ng/ul

response 1474573

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.75#
80.00	22.60	8.51#
0.00	0.00	0.00

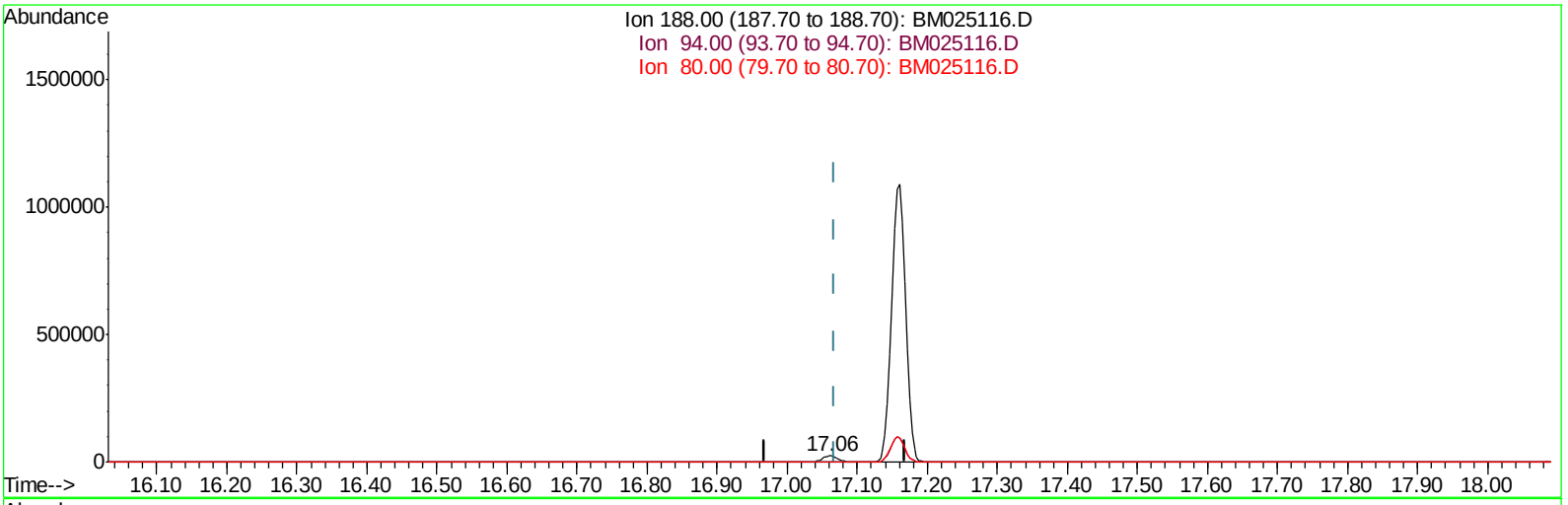
Quantitation Report (Qedit)

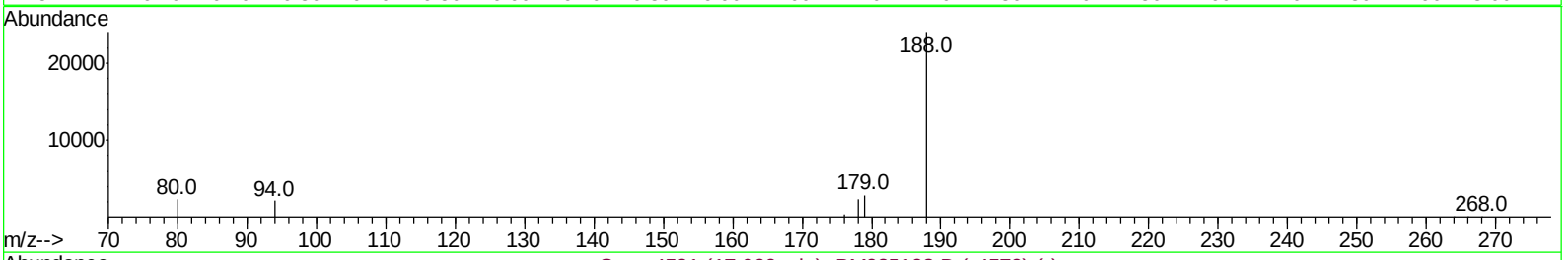
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

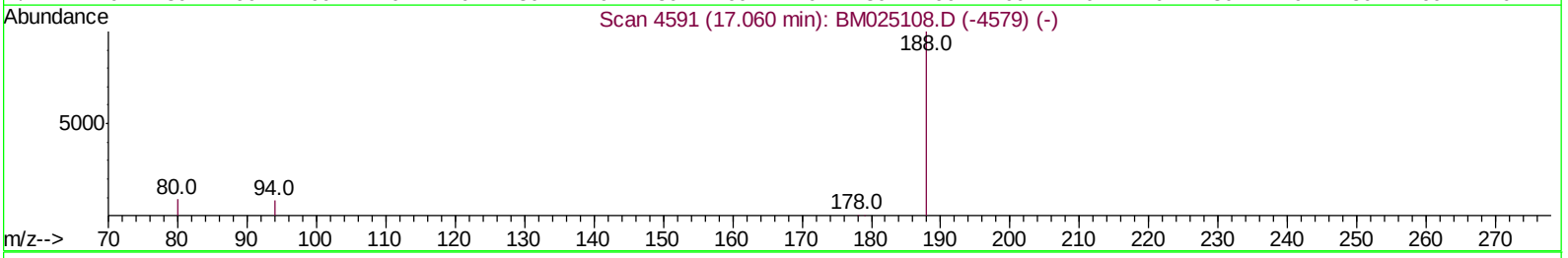
Quant Time: Feb 28 05:44:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(10) Phenanthrene-d10 (I)

17.060min (-0.008) 0.40ng/ul m

response 32750

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.98#
80.00	22.60	9.77#
0.00	0.00	0.00

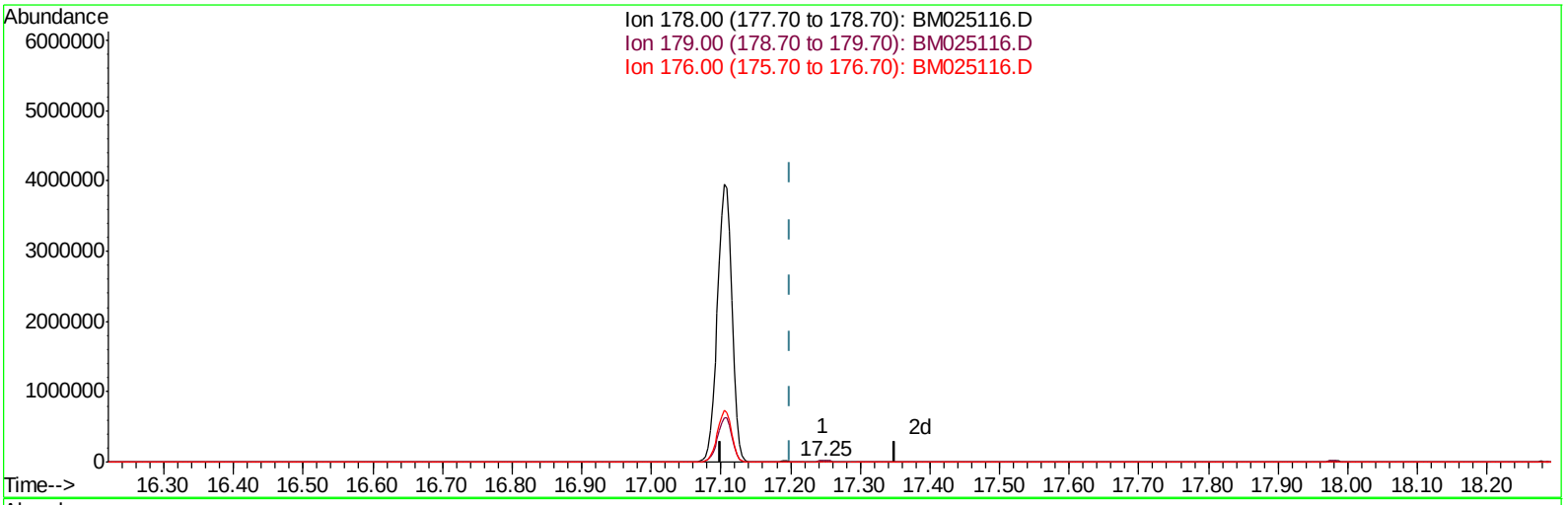
Quantitation Report (Qedit)

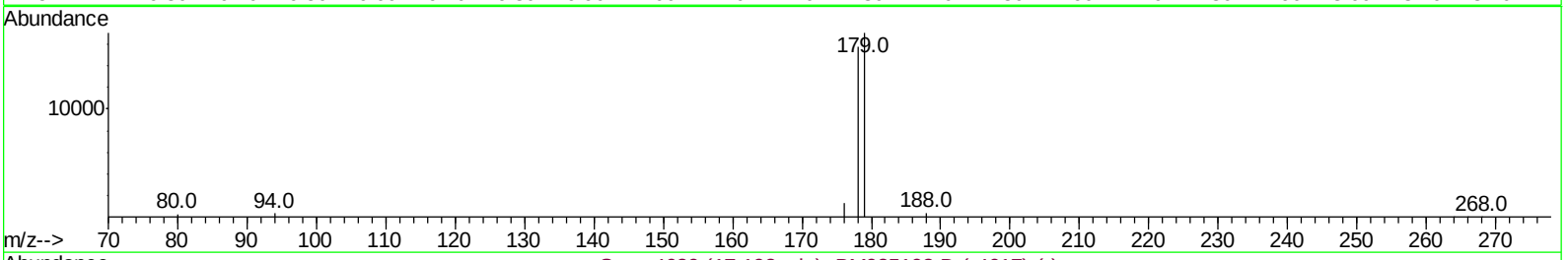
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

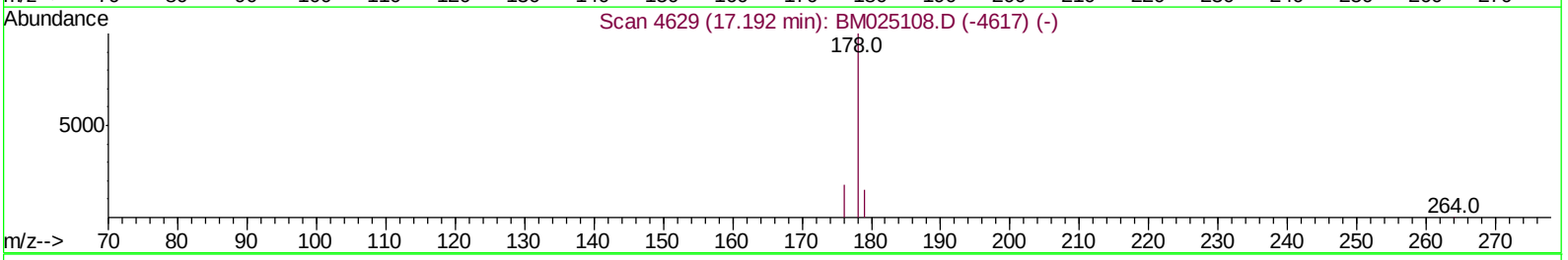
Quant Time: Feb 28 05:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(13) Anthracene

17.247min (+0.047) 0.20ng/ul

response 22236

Ion	Exp%	Act%
178.00	100	100
179.00	17.60	108.48#
176.00	20.30	8.67#
0.00	0.00	0.00

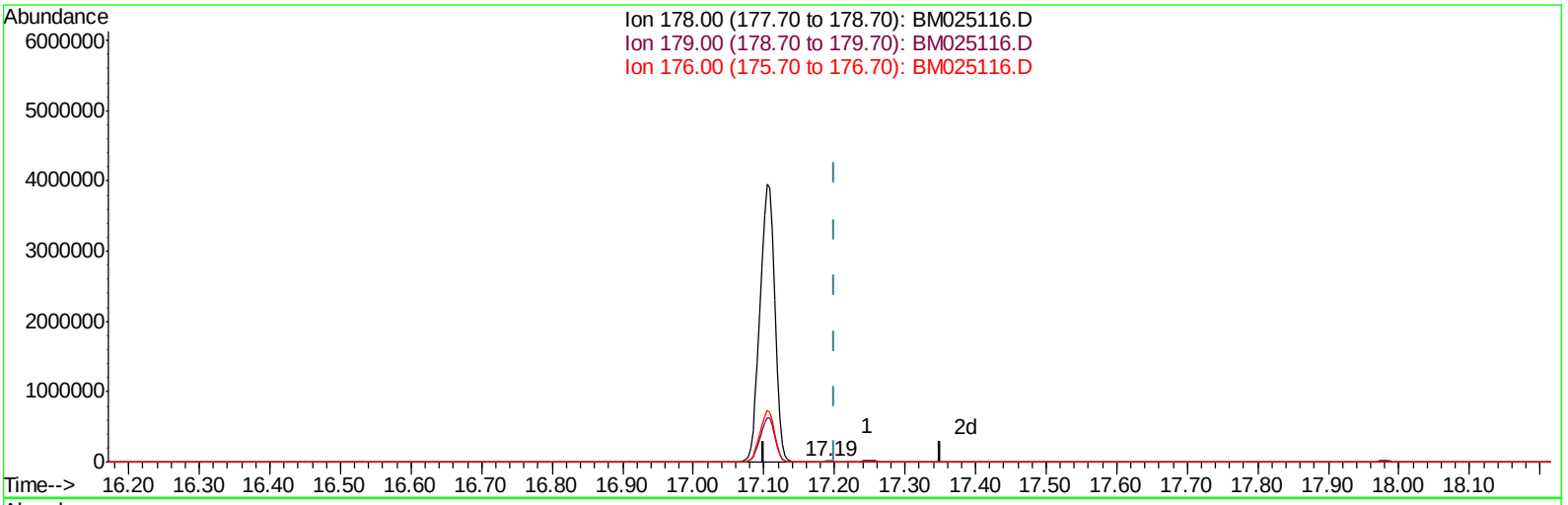
Quantitation Report (Qedit)

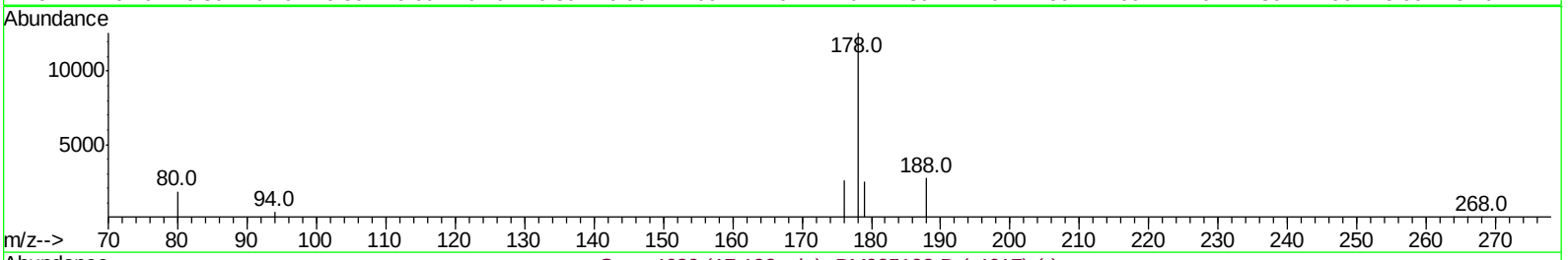
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

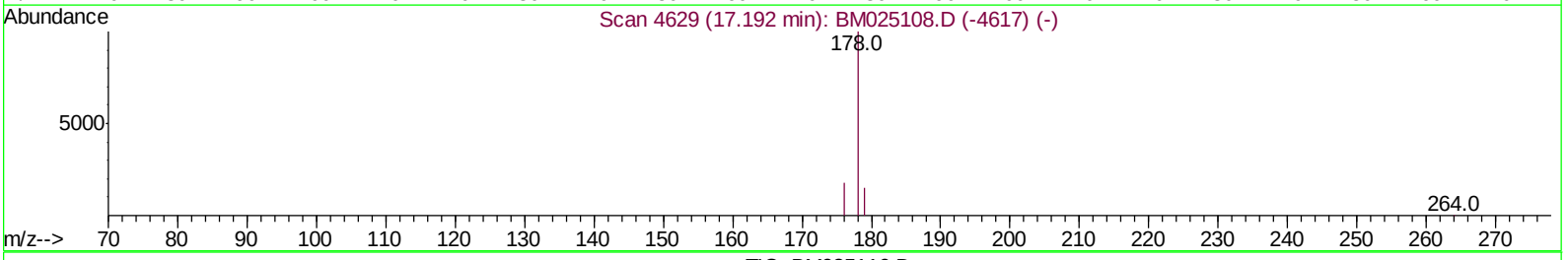
Quant Time: Feb 28 05:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(13) Anthracene

17.192min (-0.009) 0.13ng/ul m

response 14095

Ion	Exp%	Act%
178.00	100	100
179.00	17.60	19.93
176.00	20.30	20.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
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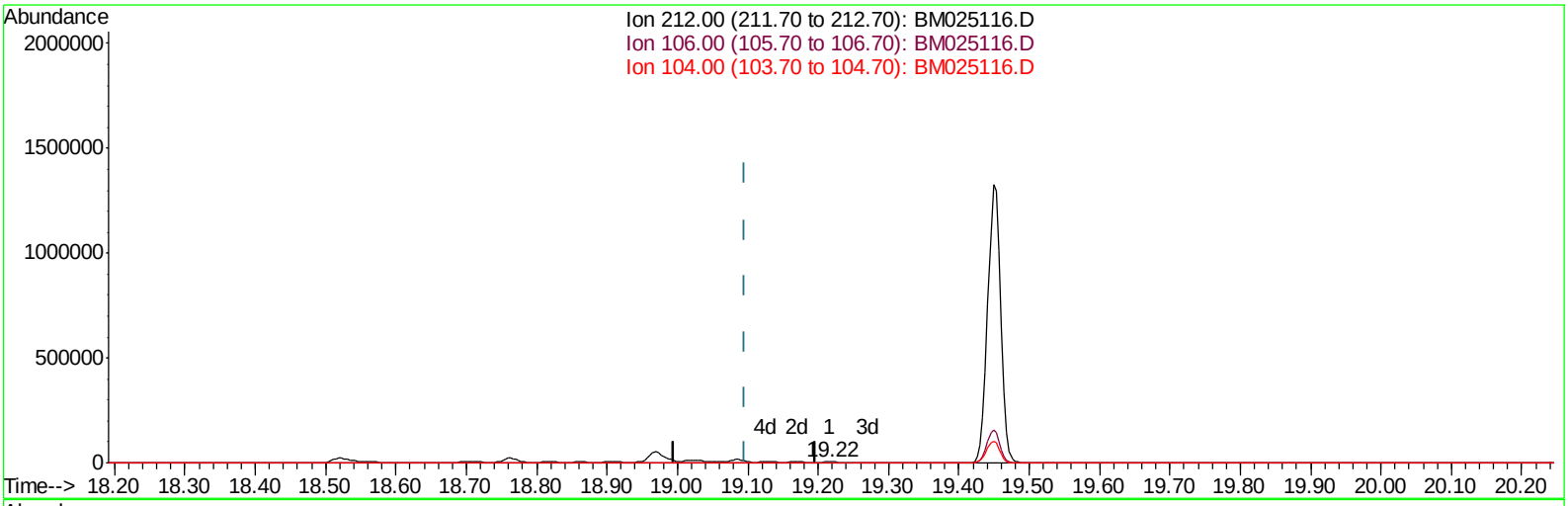
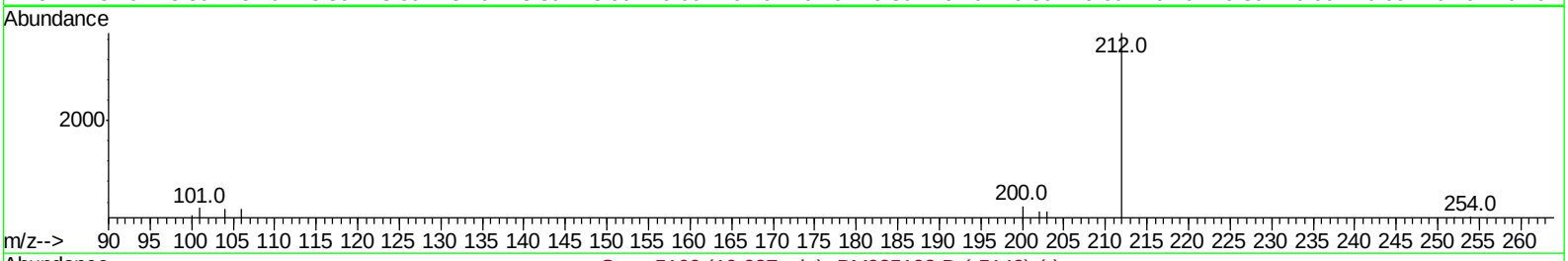
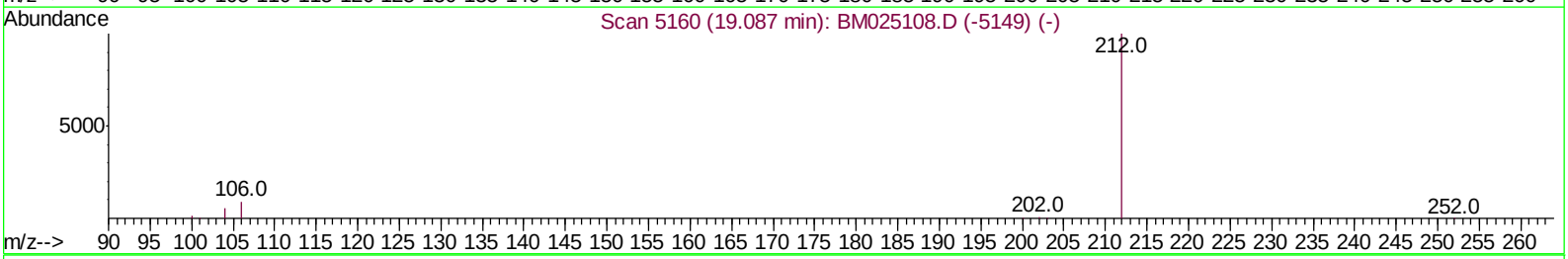
Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(14) Fluoranthene-d10 (SURR)

19.217min (+0.120) 0.05ng/ul

response 6119

Ion	Exp%	Act%
212.00	100	100
106.00	10.50	3.55#
104.00	5.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
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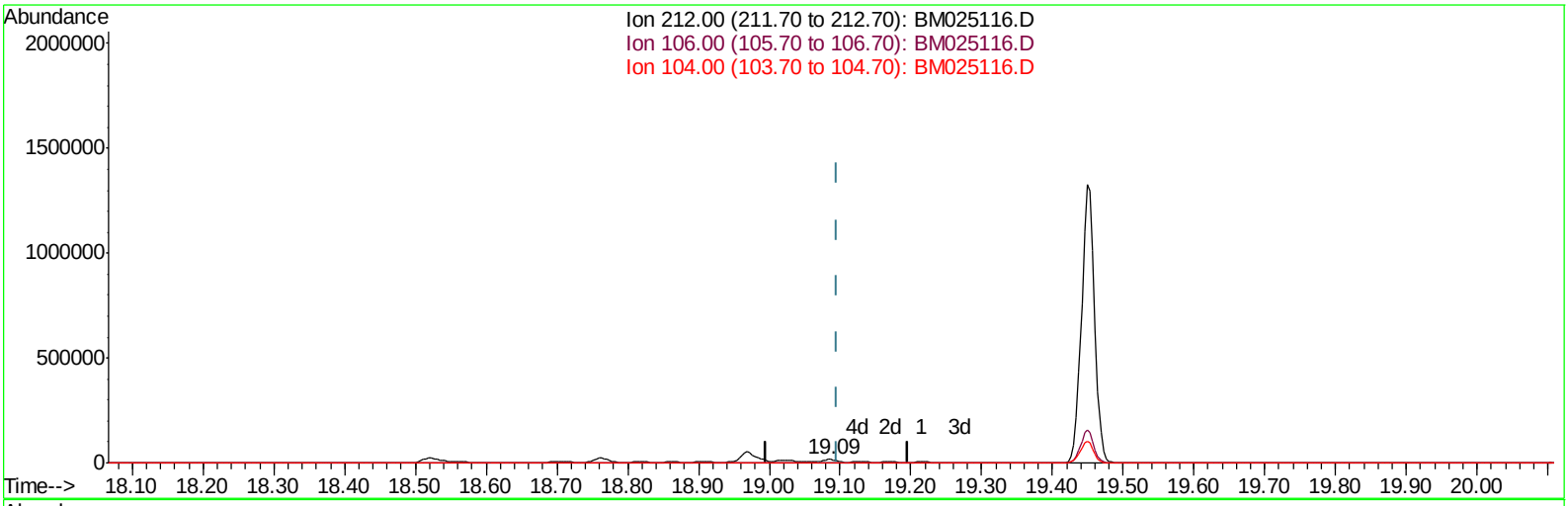
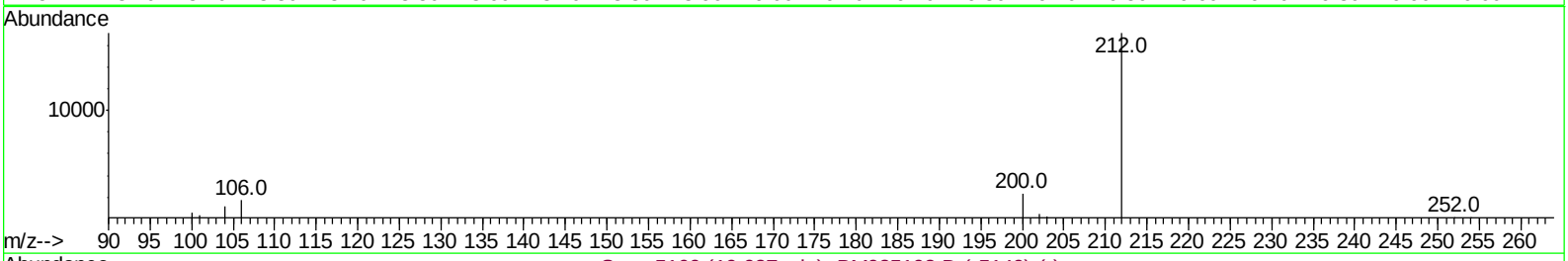
Misc :
ALS Vial : 13 Sample Multiplier: 1

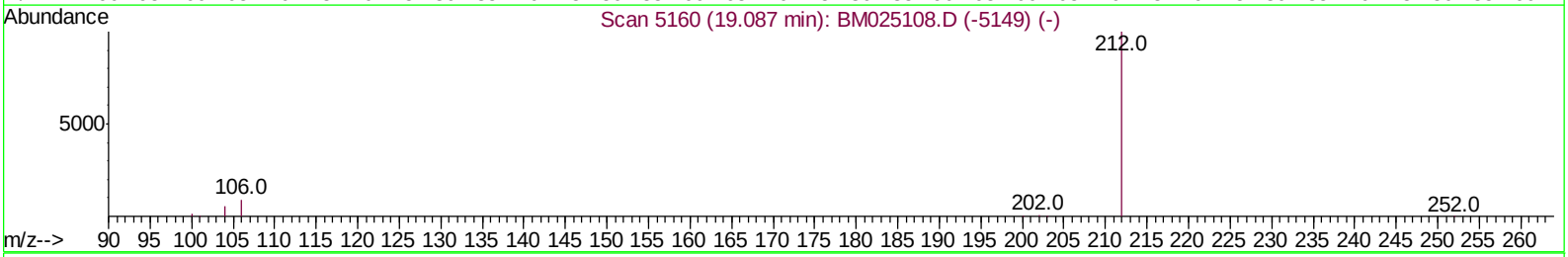
Quant Time: Feb 28 05:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(14) Fluoranthene-d10 (SURR)

19.087min (-0.009) 0.16ng/ul m

response 18380

Ion	Exp%	Act%
212.00	100	100
106.00	10.50	1.18#
104.00	5.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
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QLast Update : Tue Feb 25 11:03:43 2020
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Instrument :
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ClientSampleId :
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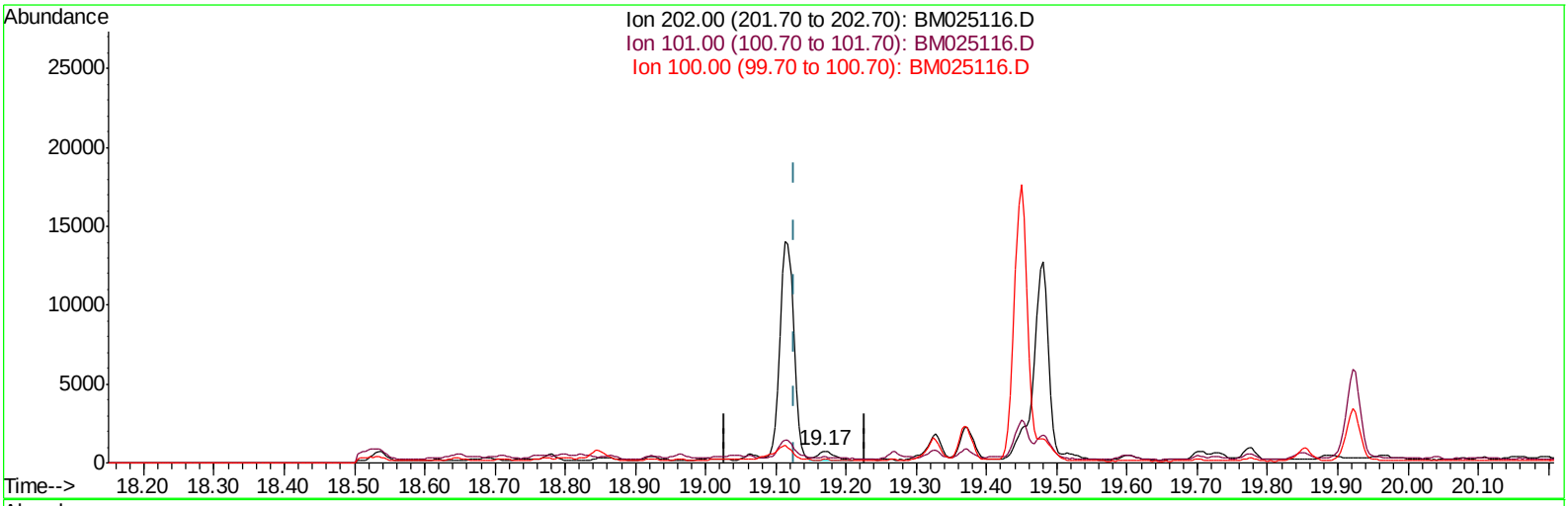
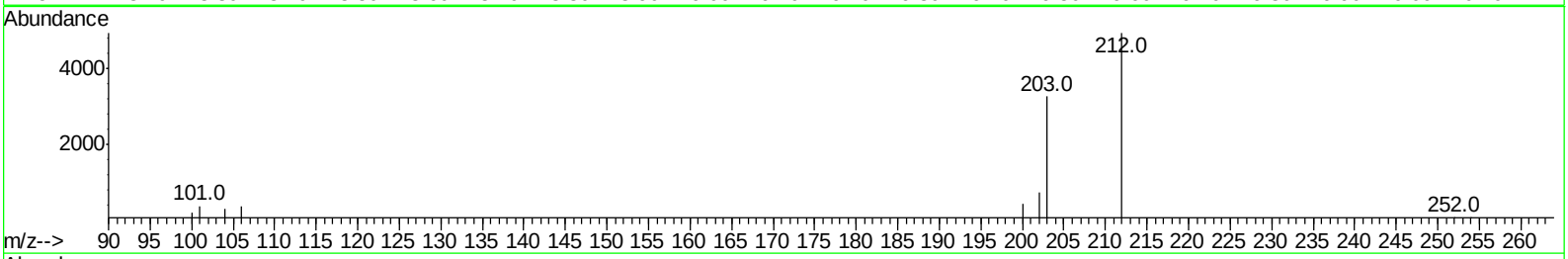
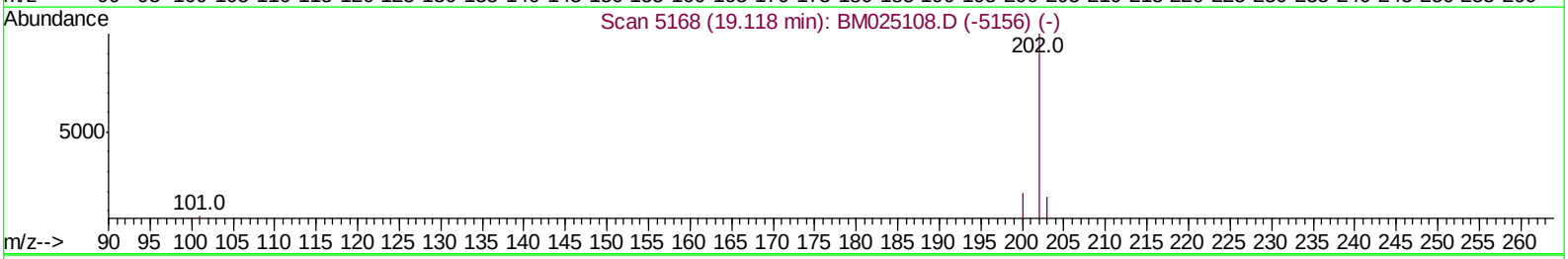
Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(15) Fluoranthene (C)

19.167min (+0.040) 0.01ng/ul

response 870

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	50.87#
100.00	8.00	30.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
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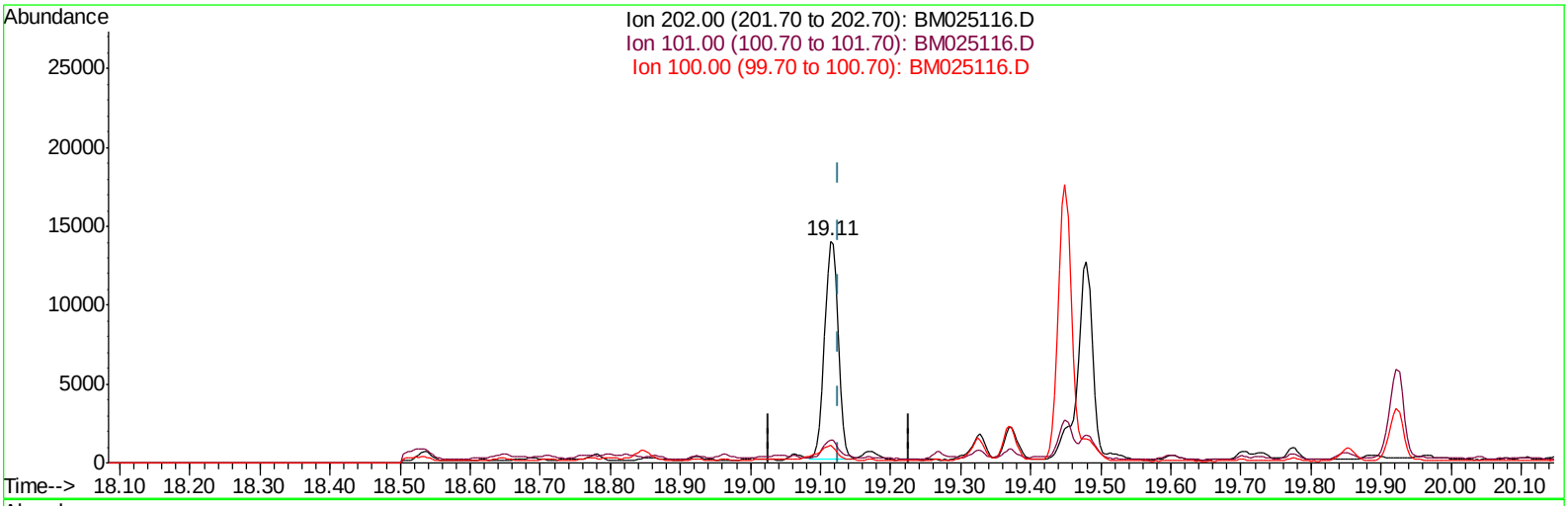
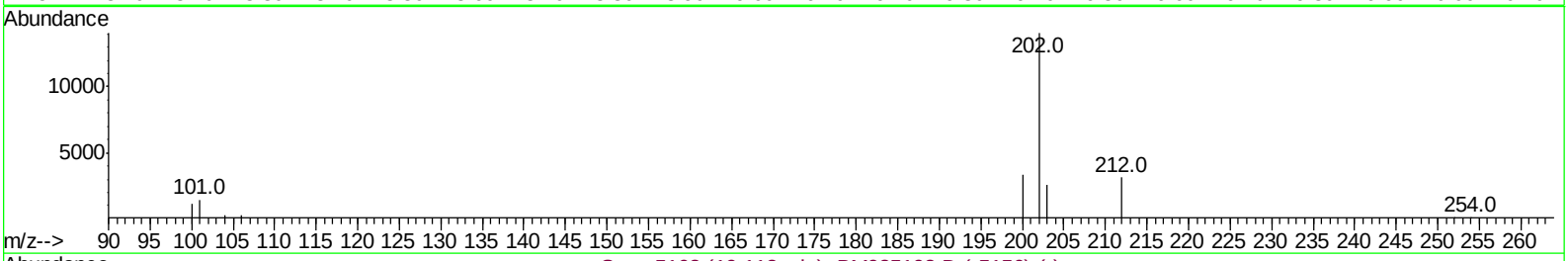
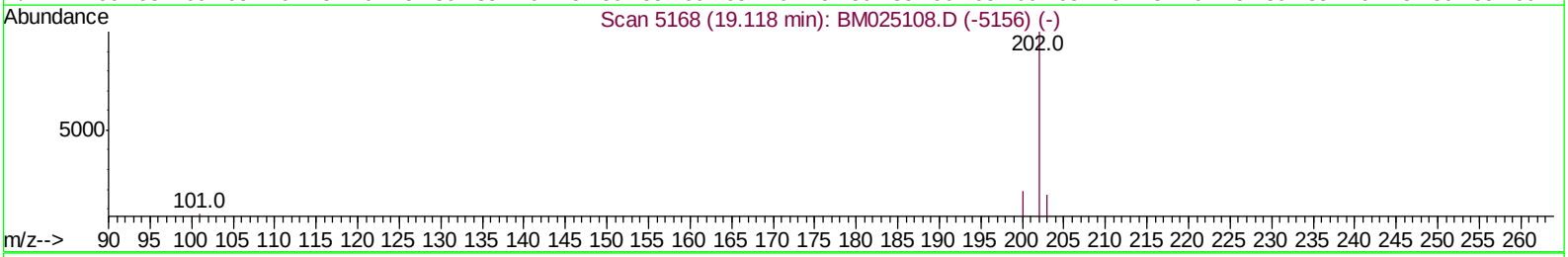
DBDJ9

Manual Integrations APPROVED
mohammad
2/28/2020 2:40:51 PM







TIC: BM025116.D

(15) Fluoranthene (C)

19.114min (-0.013) 0.11ng/ul m

response 18705

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	10.36
100.00	8.00	7.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
mohammad
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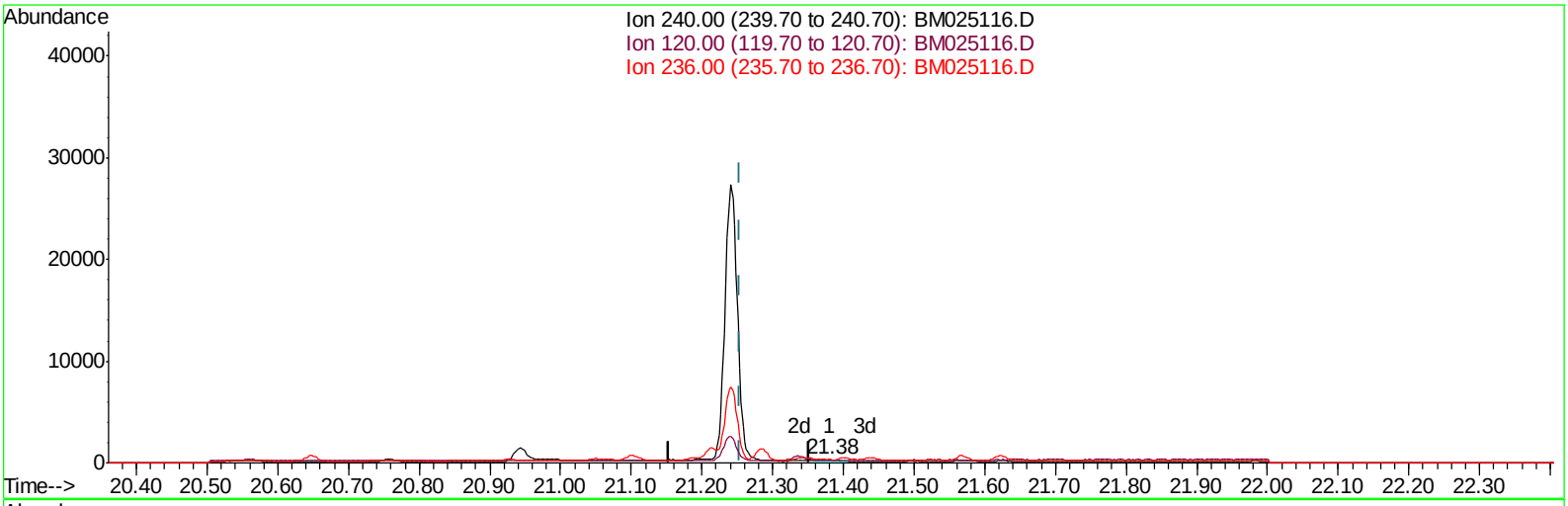

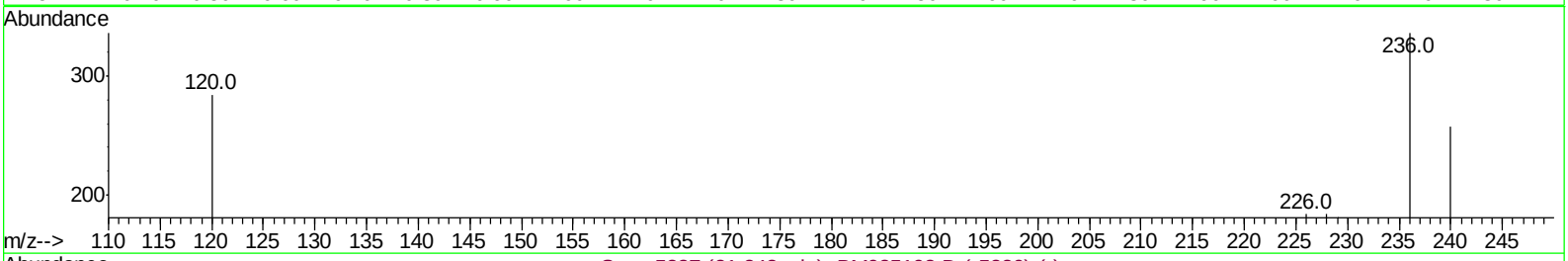

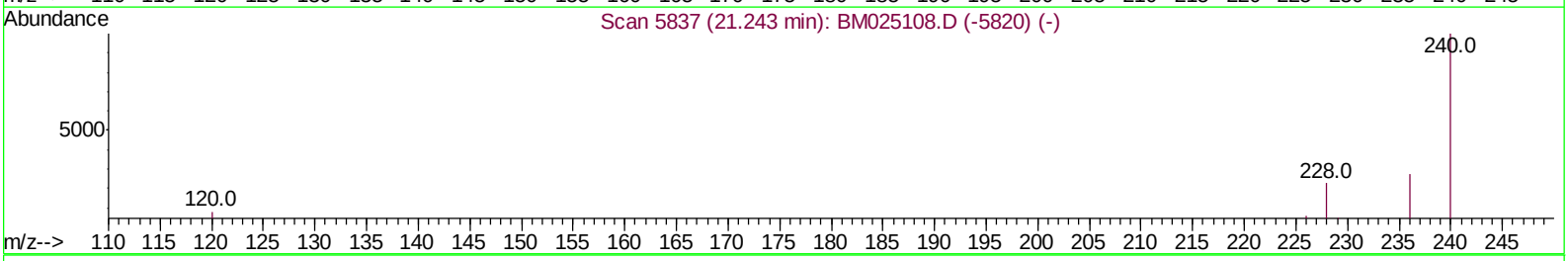

TIC: BM025116.D

(16) Chrysene-d12 (I)

21.381min (+0.128) 0.40ng/ul

response 181

Ion	Exp%	Act%
240.00	100	100
120.00	18.50	110.08#
236.00	28.00	130.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
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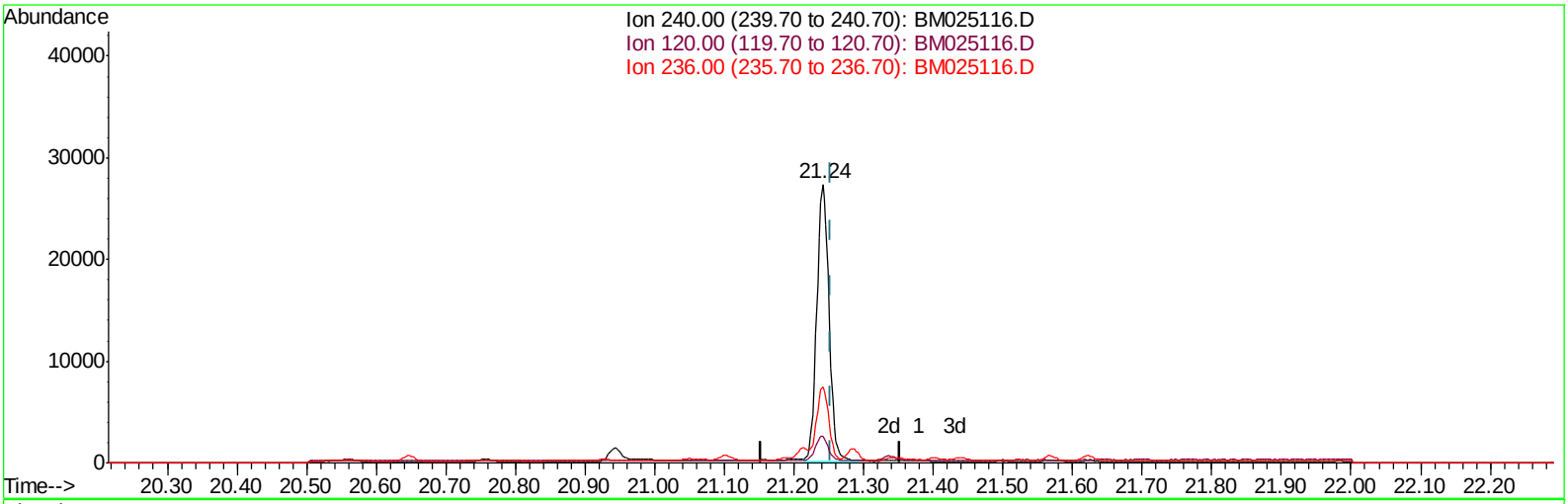

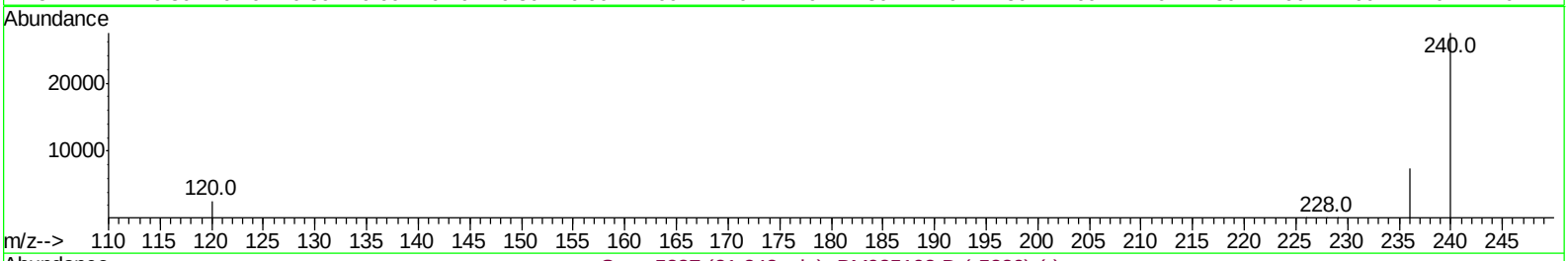

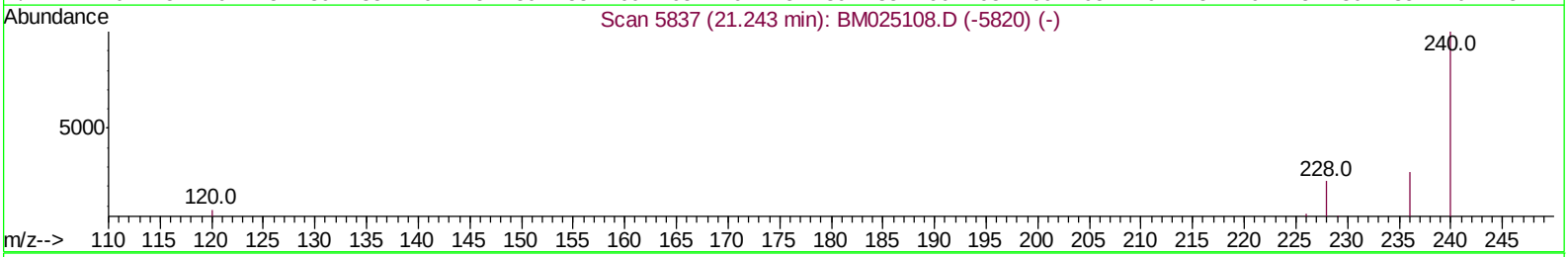

TIC: BM025116.D

(16) Chrysene-d12 (I)

21.241min (-0.012) 0.40ng/ul m

response 33068

Ion	Exp%	Act%
240.00	100	100
120.00	18.50	9.70#
236.00	28.00	27.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:47:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
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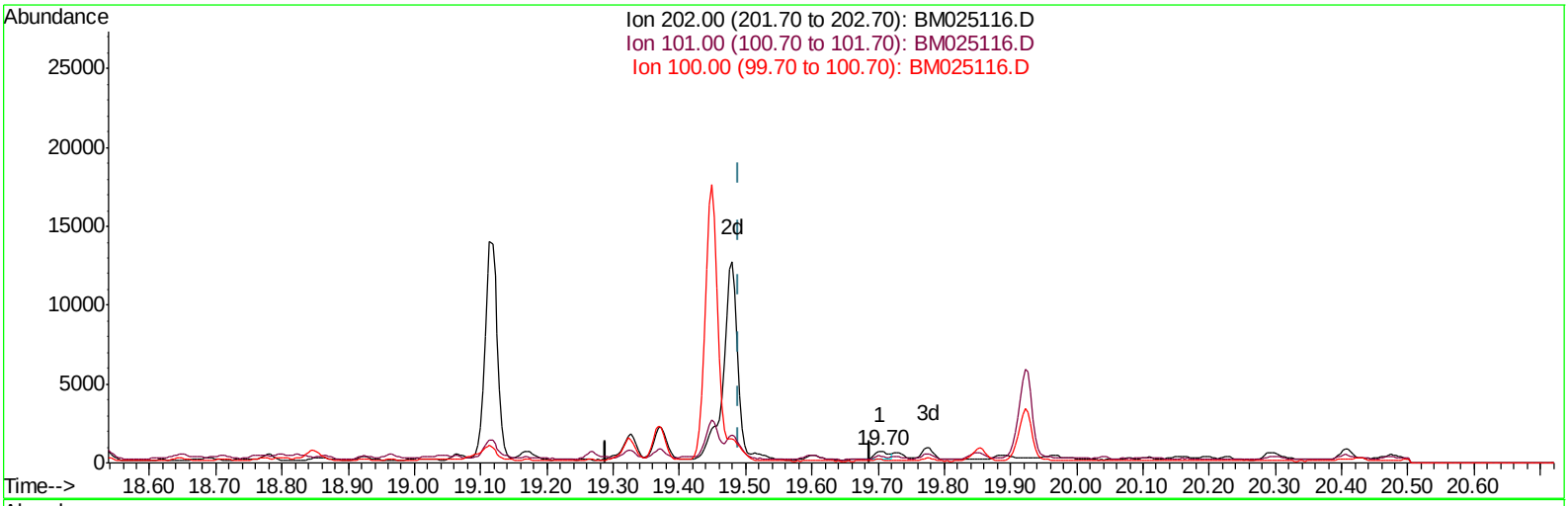

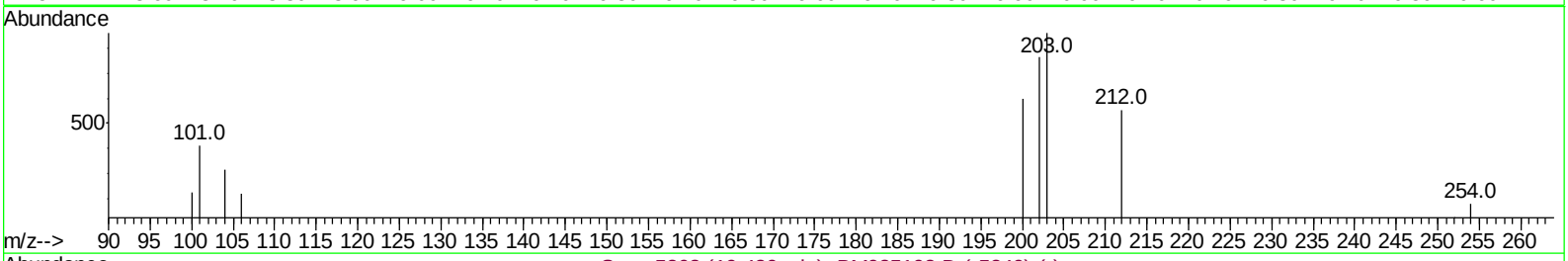

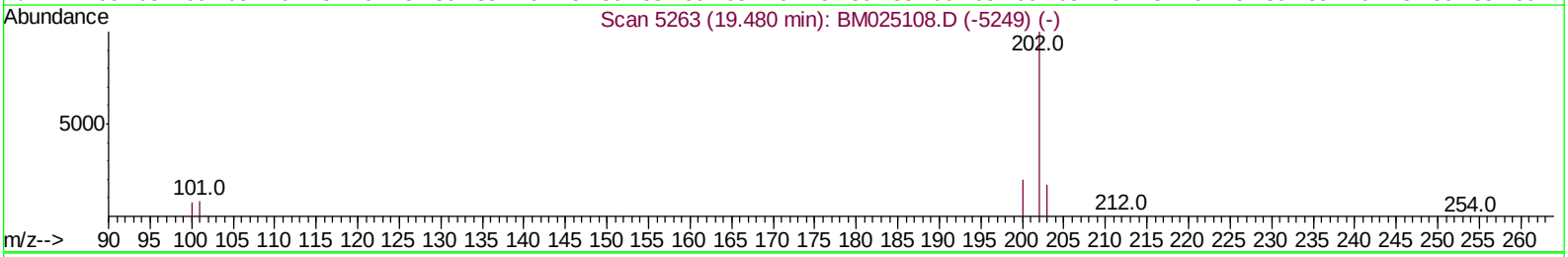

TIC: BM025116.D

(17) Pyrene

19.705min (+0.216) 0.01ng/ul

response 808

Ion	Exp%	Act%
202.00	100	100
101.00	10.90	53.93#
100.00	9.10	29.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:47:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
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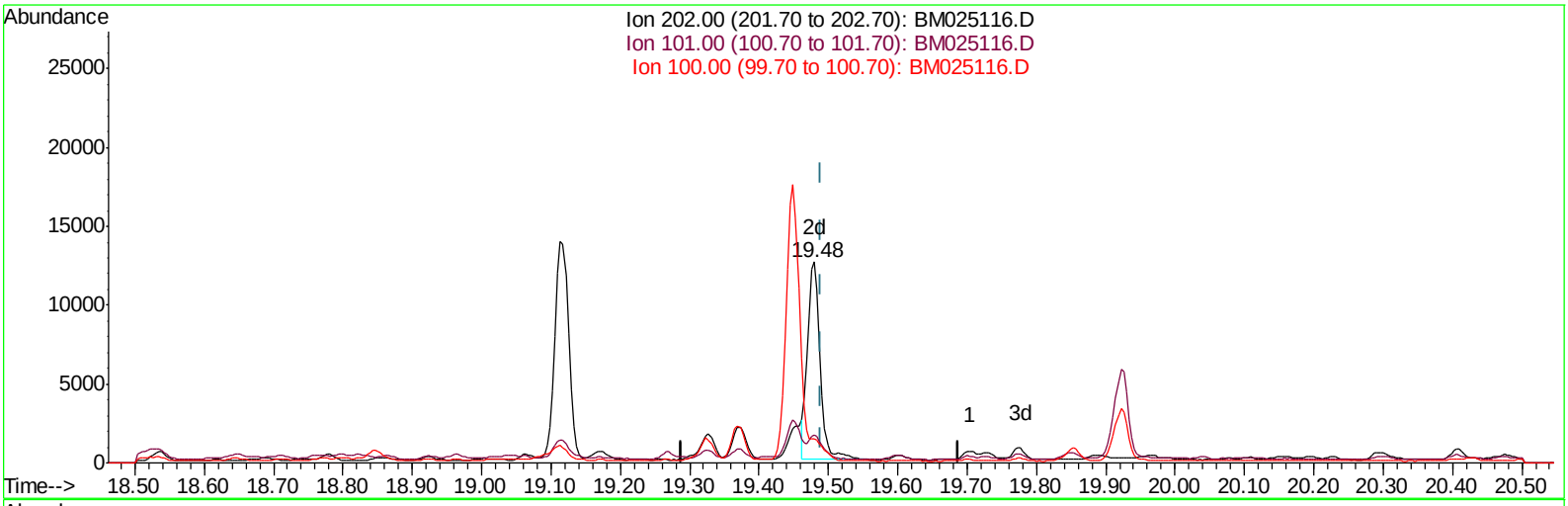

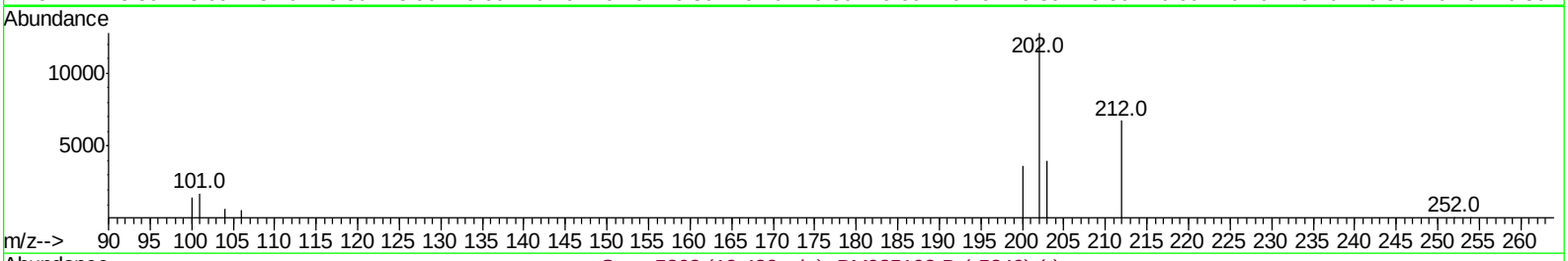

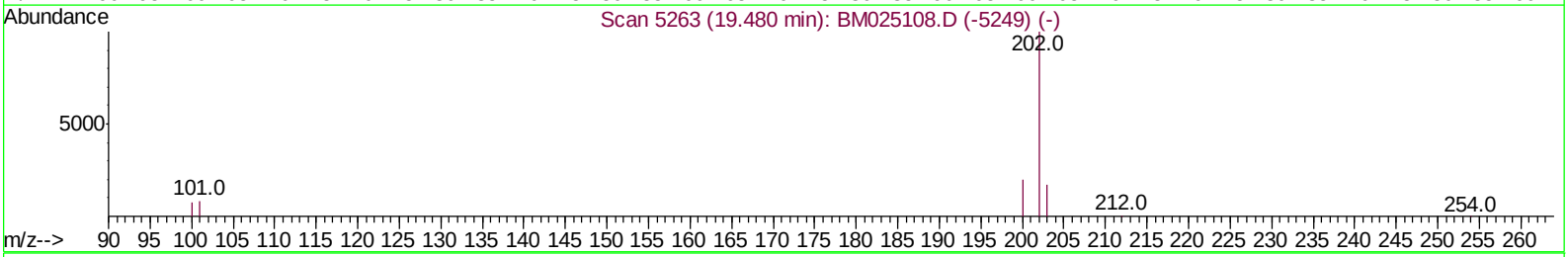

TIC: BM025116.D

(17) Pyrene

19.480min (-0.009) 0.11ng/ul m

response 16449

Ion	Exp%	Act%
202.00	100	100
101.00	10.90	13.81#
100.00	9.10	11.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:48:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
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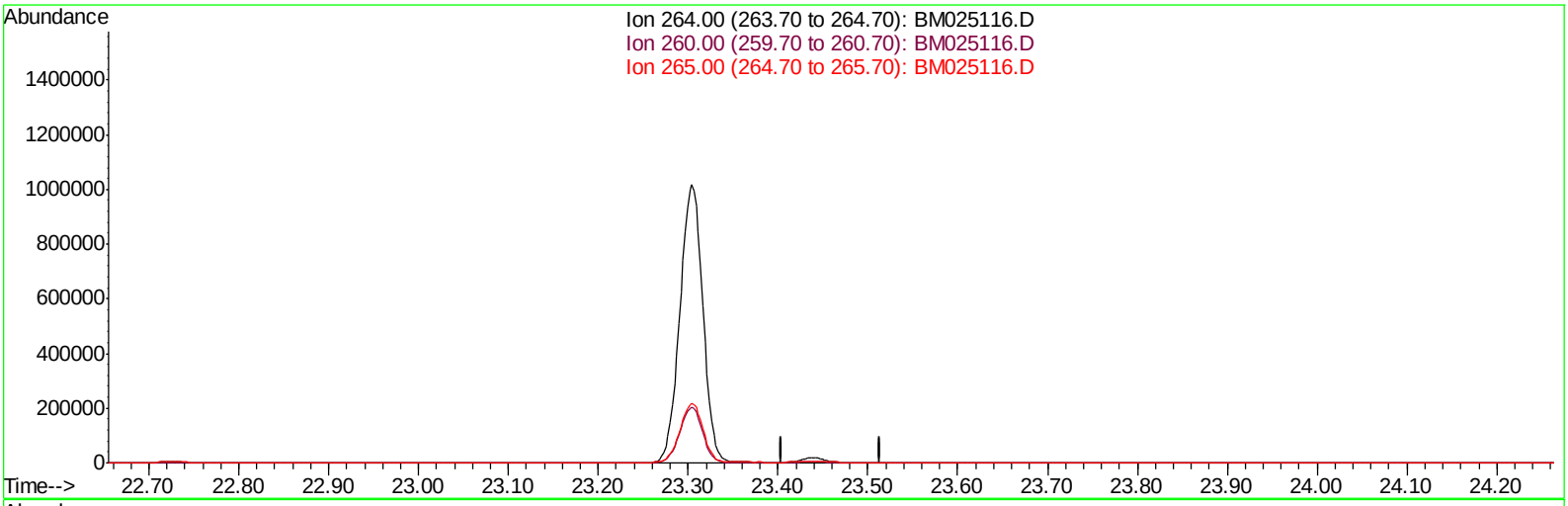

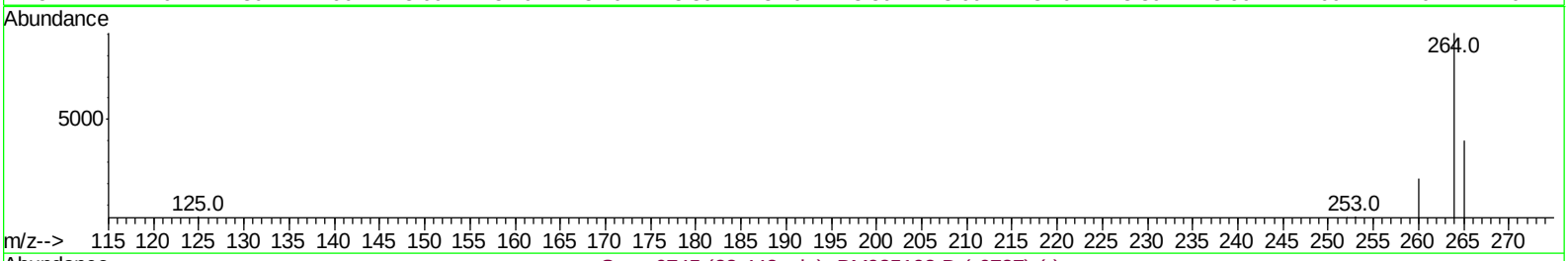

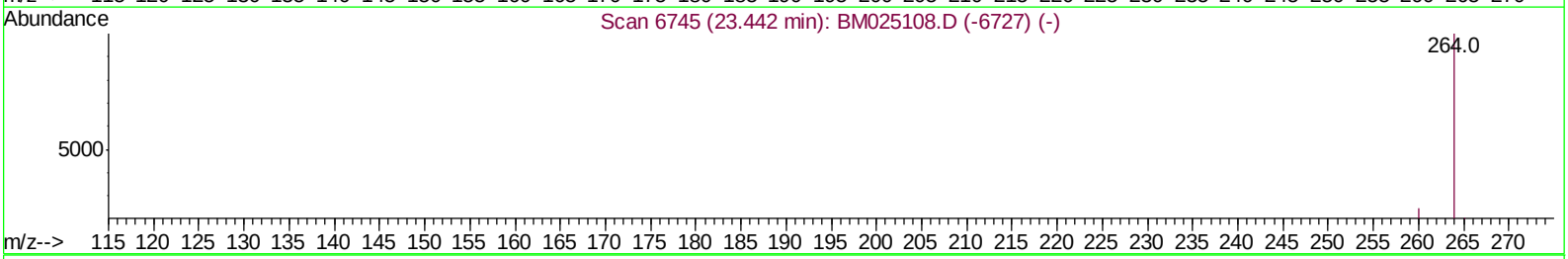

TIC: BM025116.D

(20) Perylene-d12 (I)

23.455min (-23.455) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.30	0.00#
265.00	34.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:48:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
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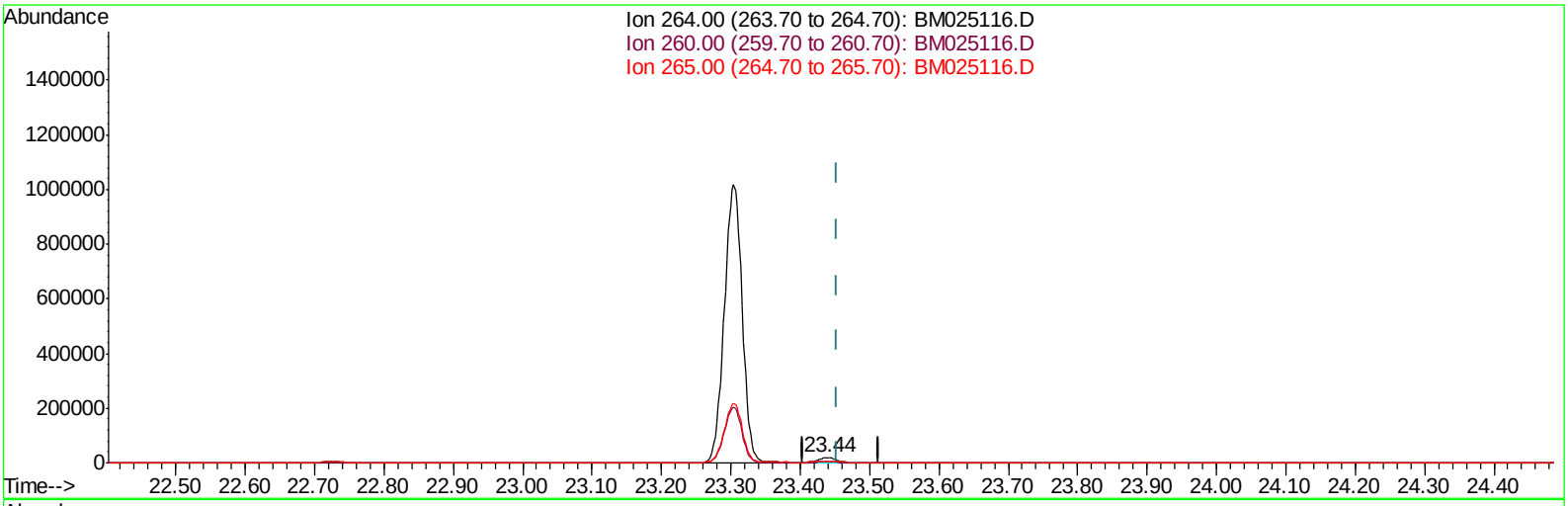

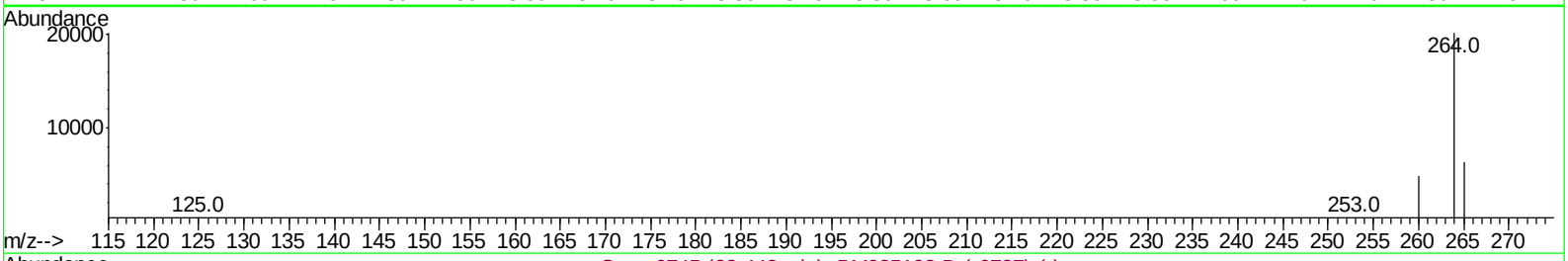

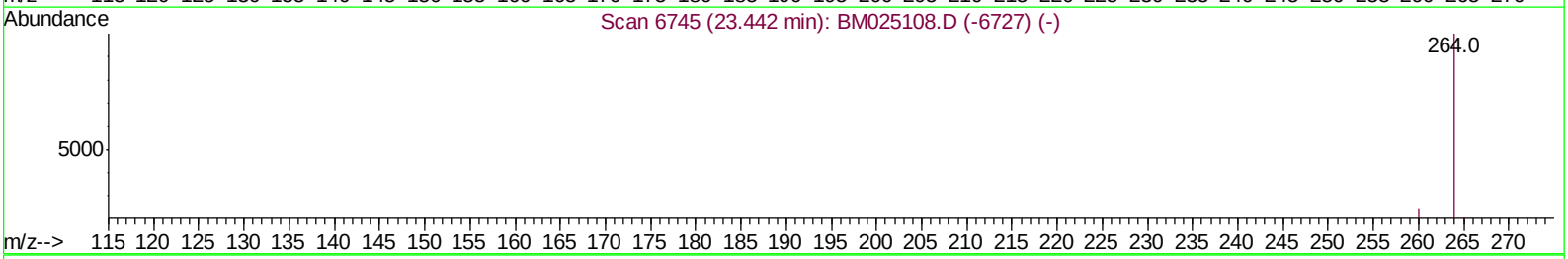

TIC: BM025116.D

(20) Perylene-d12 (I)

23.440min (-0.015) 0.40ng/ul m

response 33279

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	24.33
265.00	34.80	31.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
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Quant Time: Feb 28 05:50:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5581	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	23099	0.40	ng/ul	0.04
6) Acenaphthene-d10	14.31	164	22903m	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.06	188	32750m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	33068m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	33279m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	7518	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	18380m	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.52	128	61141976	869.540	ng/ul#	87
5) 2-Methylnaphthalene	12.15	142	17716448	349.174	ng/ul	100
7) Acenaphthylene	14.04	152	131757	0.998	ng/ul#	88
8) Acenaphthene	14.40	153	10585338	119.309	ng/ul	95
9) Fluorene	15.37	166	4923350m	44.223	ng/ul	
12) Phenanthrene	17.11	178	5697140	49.457	ng/ul	96
13) Anthracene	17.19	178	14095m	0.126	ng/ul	
15) Fluoranthene	19.11	202	18705m	0.112	ng/ul	
17) Pyrene	19.48	202	16449m	0.110	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025116.D
Acq On : 27 Feb 2020 22:51
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 05:50:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
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Instrument :
BNA_M
ClientSampleId :
DBDJ9

Manual Integrations APPROVED
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2/28/2020 2:40:51 PM