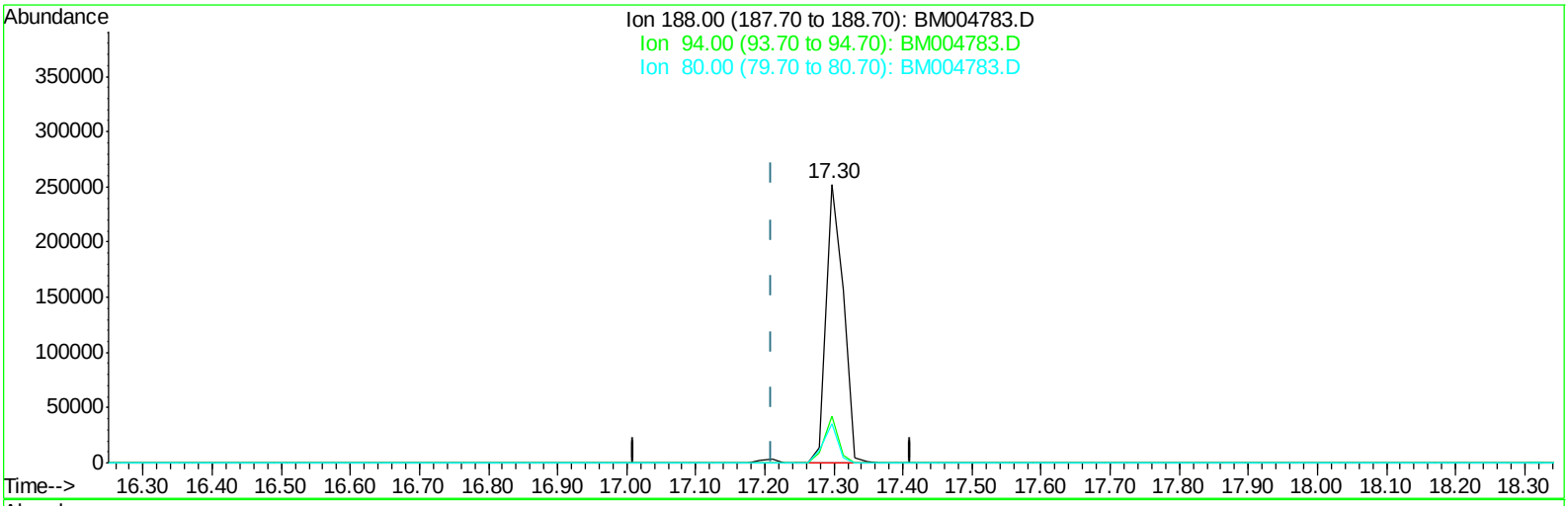
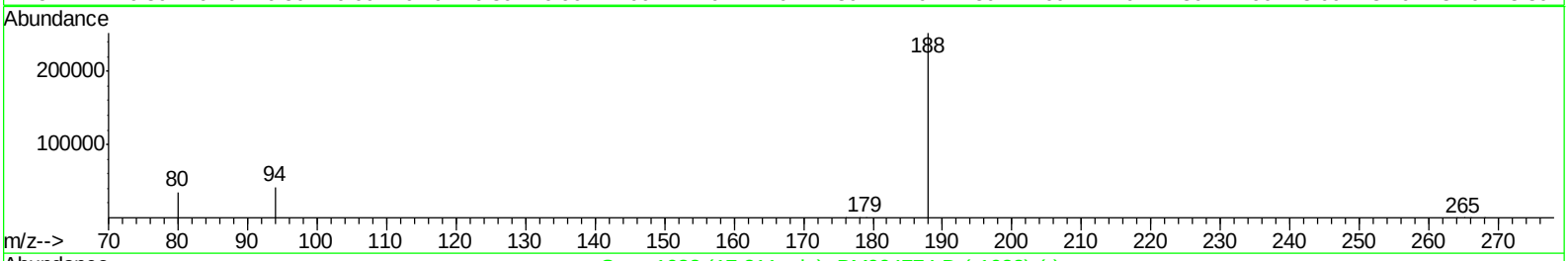
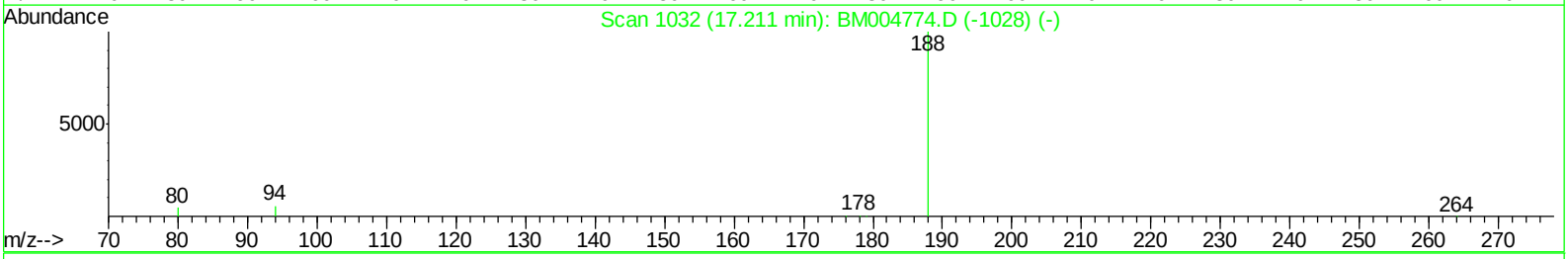
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:06:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(12) Phenanthrene-d10 (I)

17.296min (+0.085) 0.40ng/ul

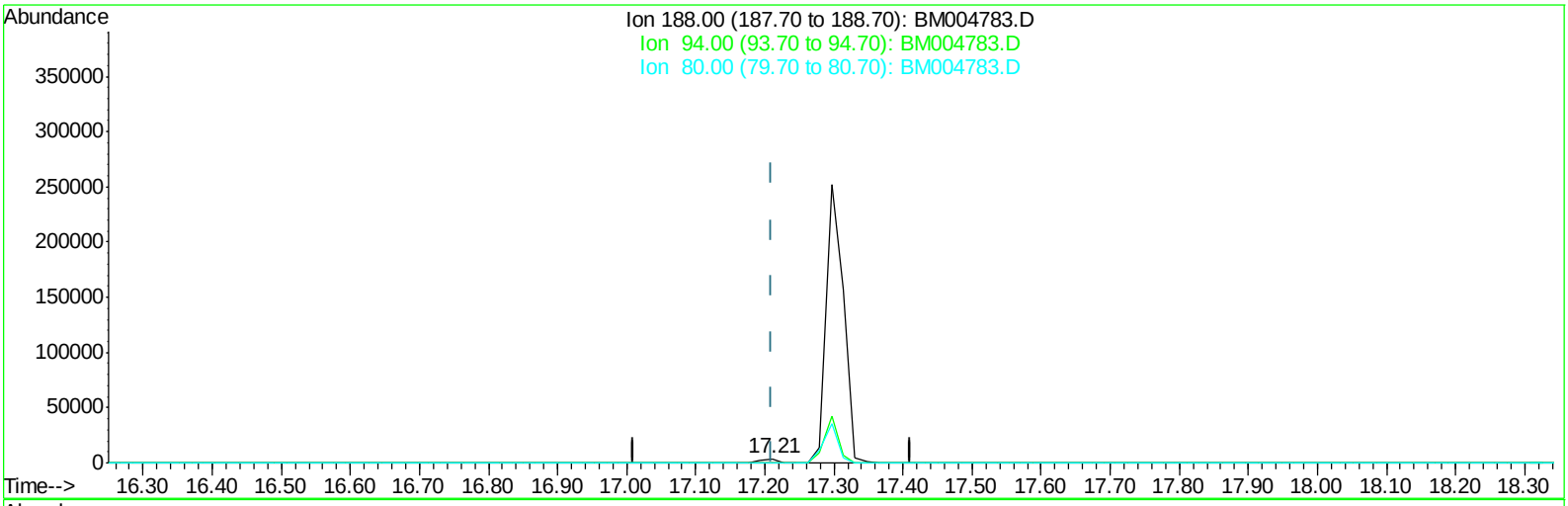
response 440716

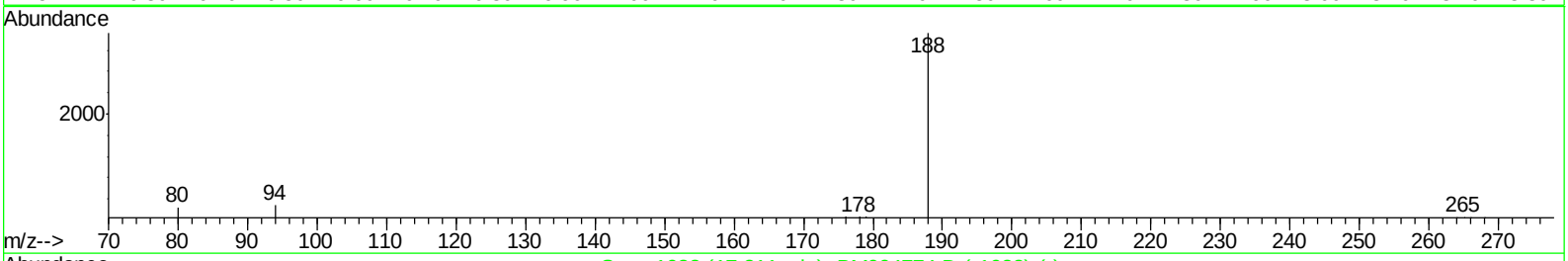
Ion	Exp%	Act%
188.00	100	100
94.00	11.70	16.74#
80.00	11.90	13.95
0.00	0.00	0.00

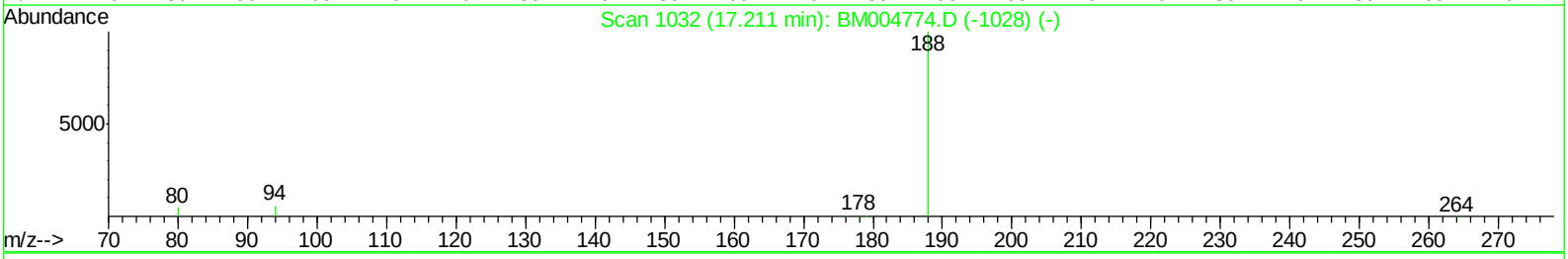
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:06:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(12) Phenanthrene-d10 (I)

17.210min (-0.000) 0.40ng/ul m

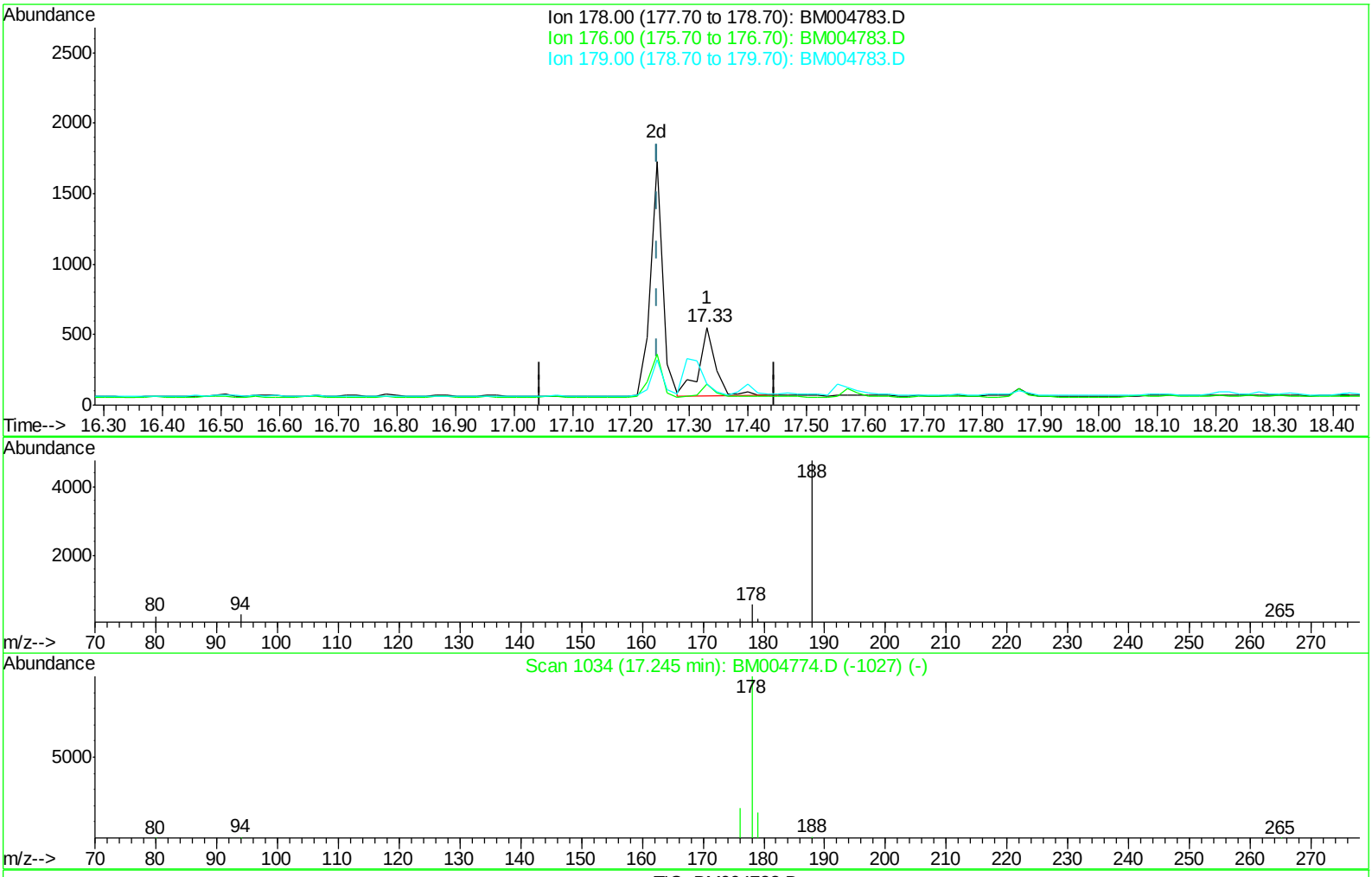
response 6458

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.78#
80.00	11.90	7.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:06:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004783.D

(14) Phenanthrene

17.330min (+0.085) 0.05ng/ul

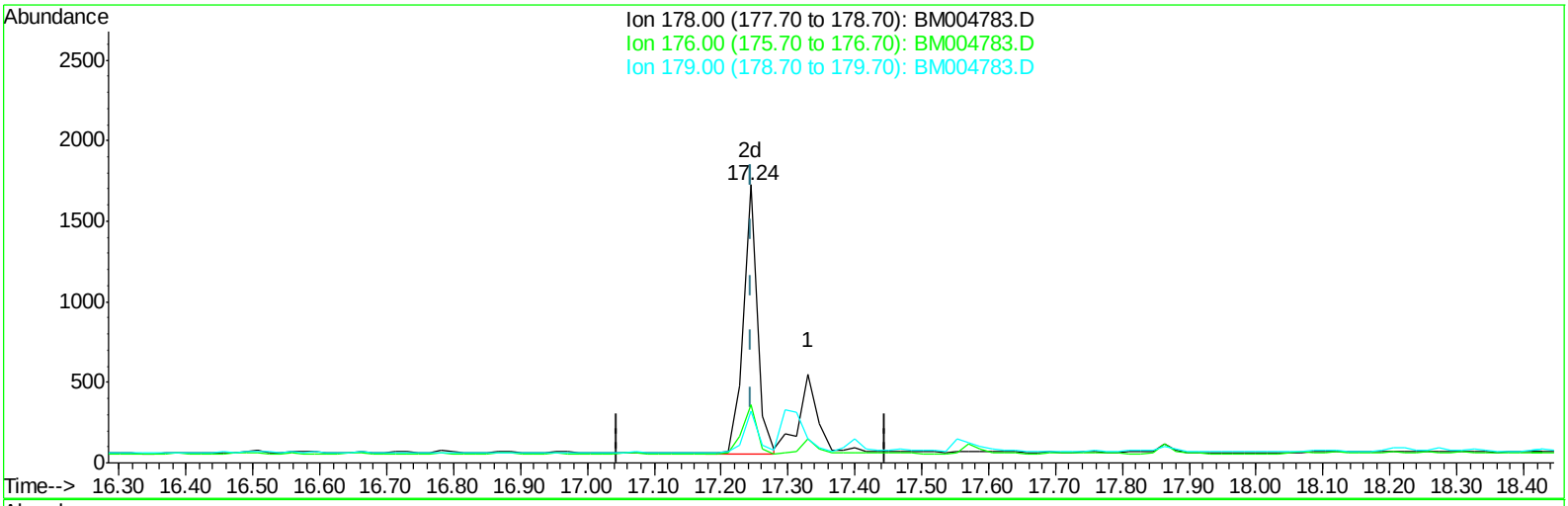
response 952

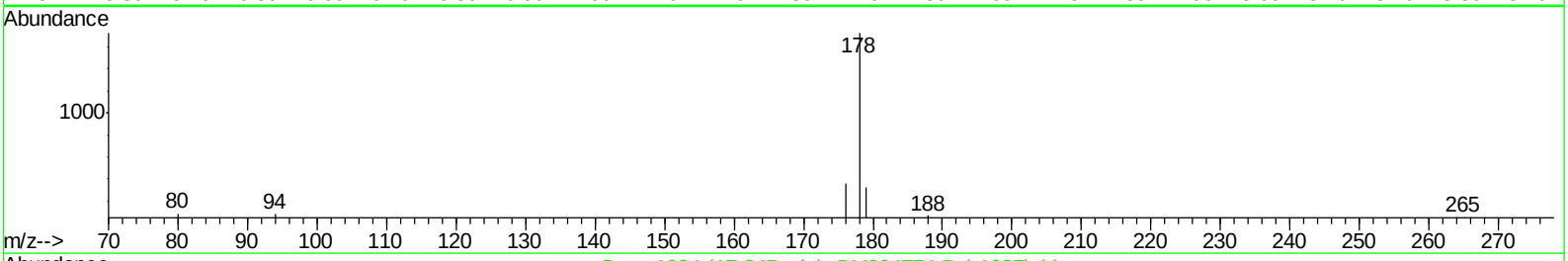
Ion	Exp%	Act%
178.00	100	100
176.00	16.20	27.59#
179.00	17.70	26.68#
0.00	0.00	0.00

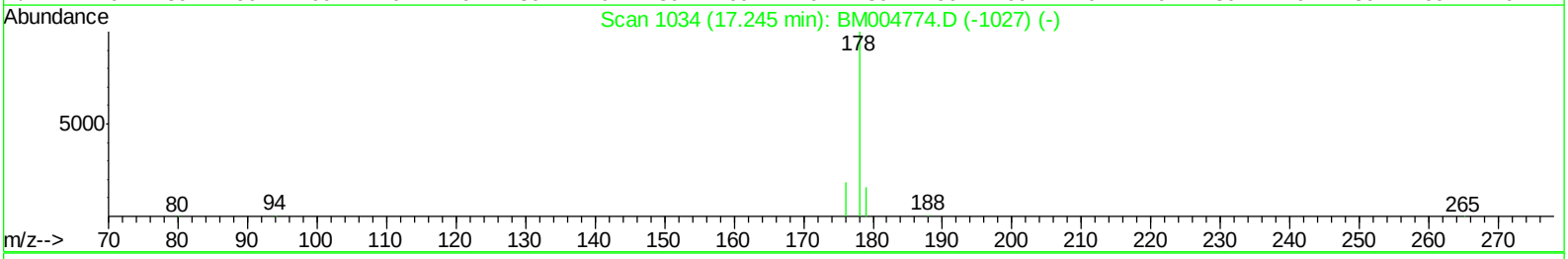
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:06:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(14) Phenanthrene

17.245min (-0.000) 0.13ng/ul m

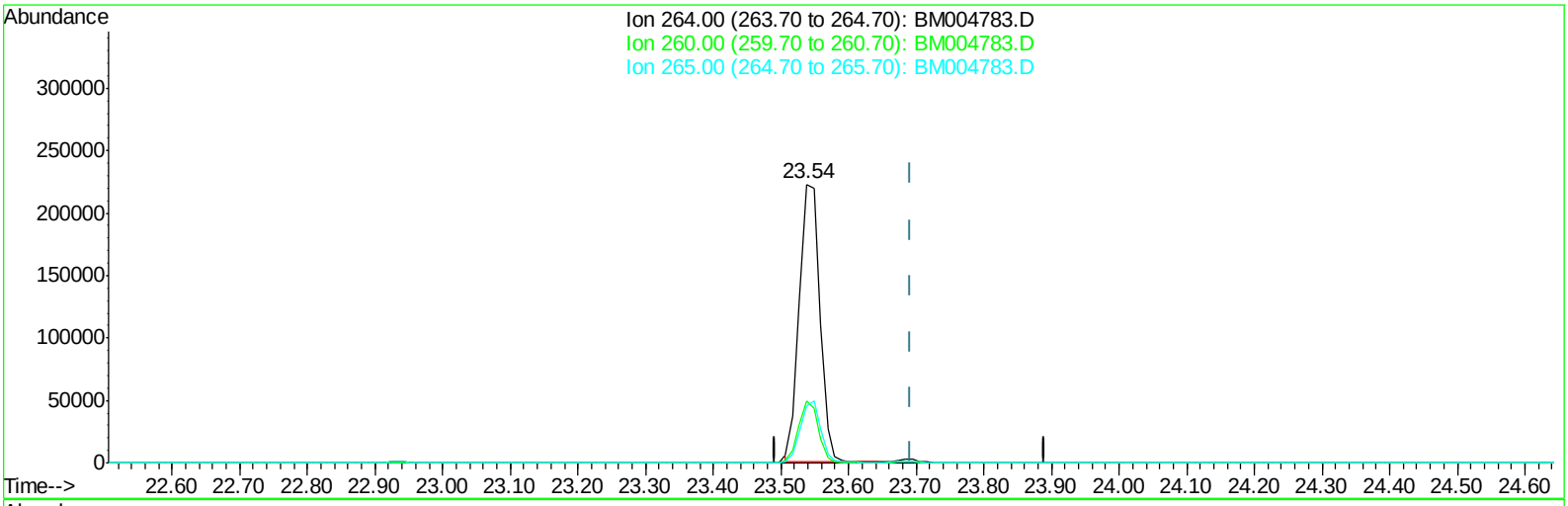
response 2438

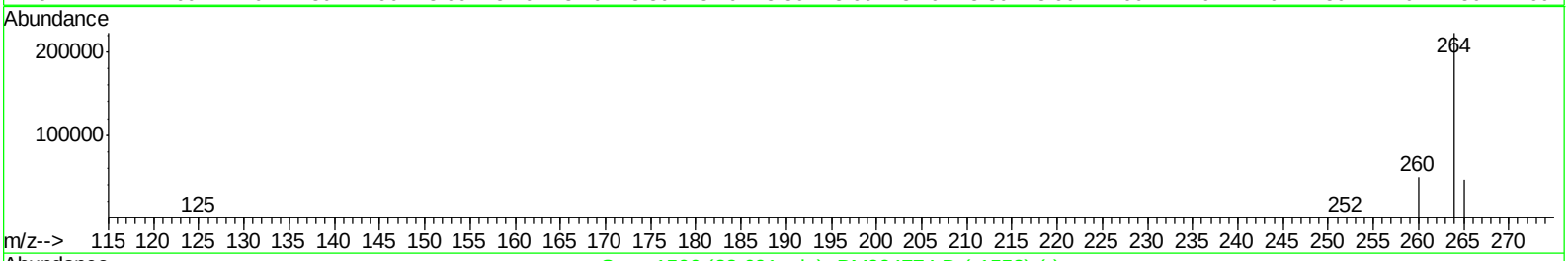
Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.02#
179.00	17.70	18.76
0.00	0.00	0.00

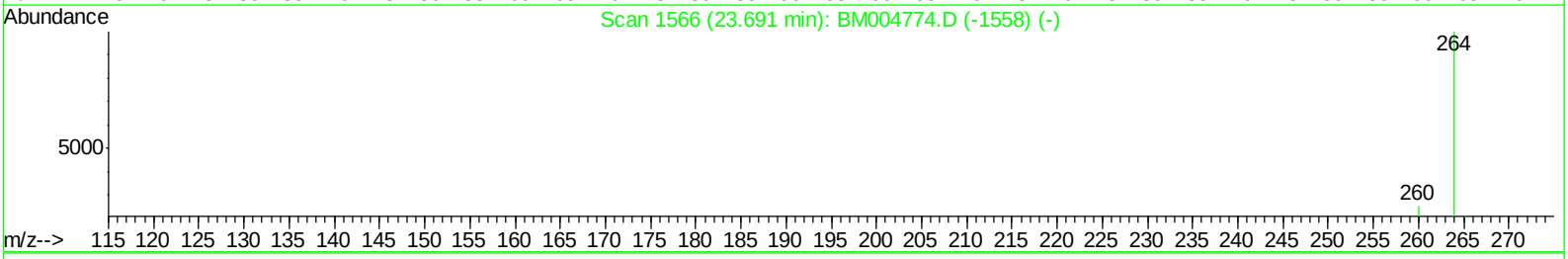
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:06:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(22) Perylene-d12 (I)

23.538min (-0.153) 0.40ng/ul

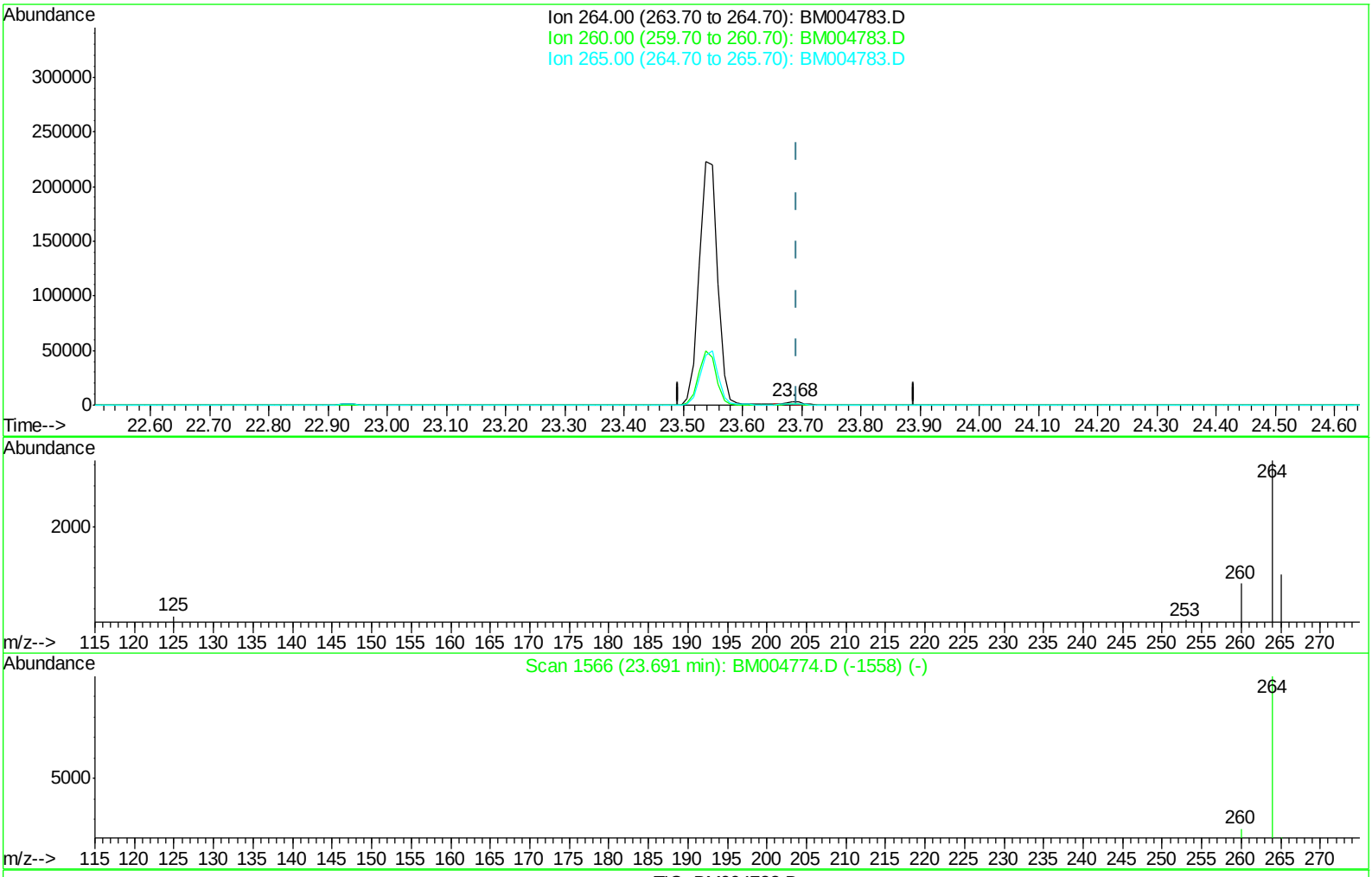
response 468706

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.40
265.00	38.20	20.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:06:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004783.D

(22) Perylene-d12 (I)

23.684min (-0.007) 0.40ng/ul m

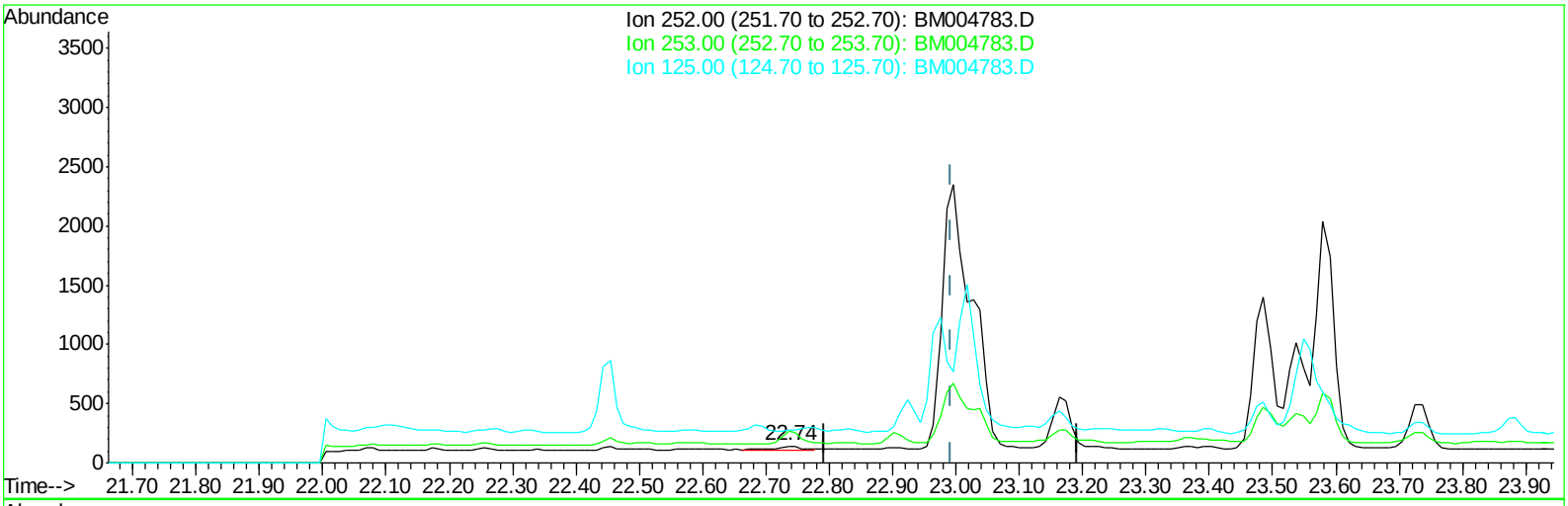
response 5454

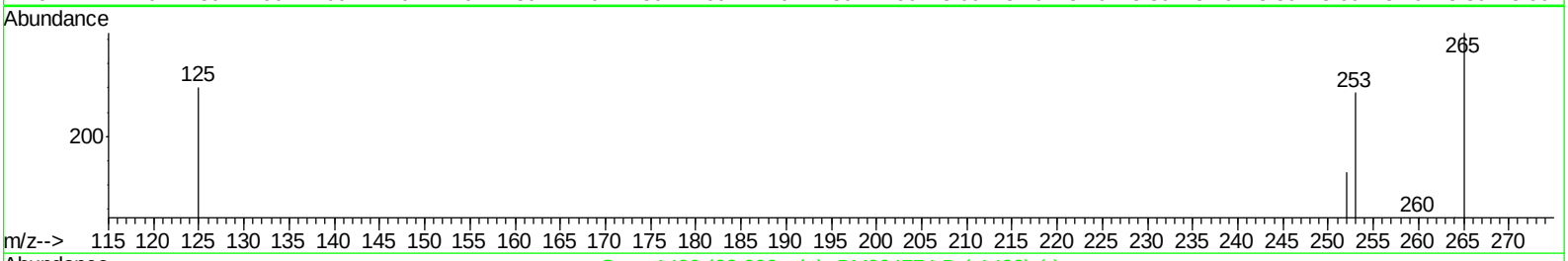
Ion	Exp%	Act%
264.00	100	100
260.00	25.60	27.05
265.00	38.20	32.07
0.00	0.00	0.00

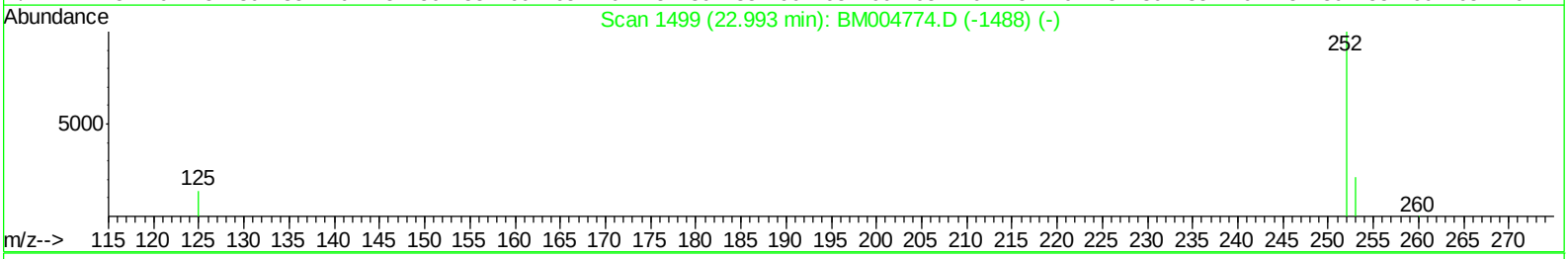
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(23) Benzo(b)fluoranthene

22.735min (-0.258) 0.00ng/ul

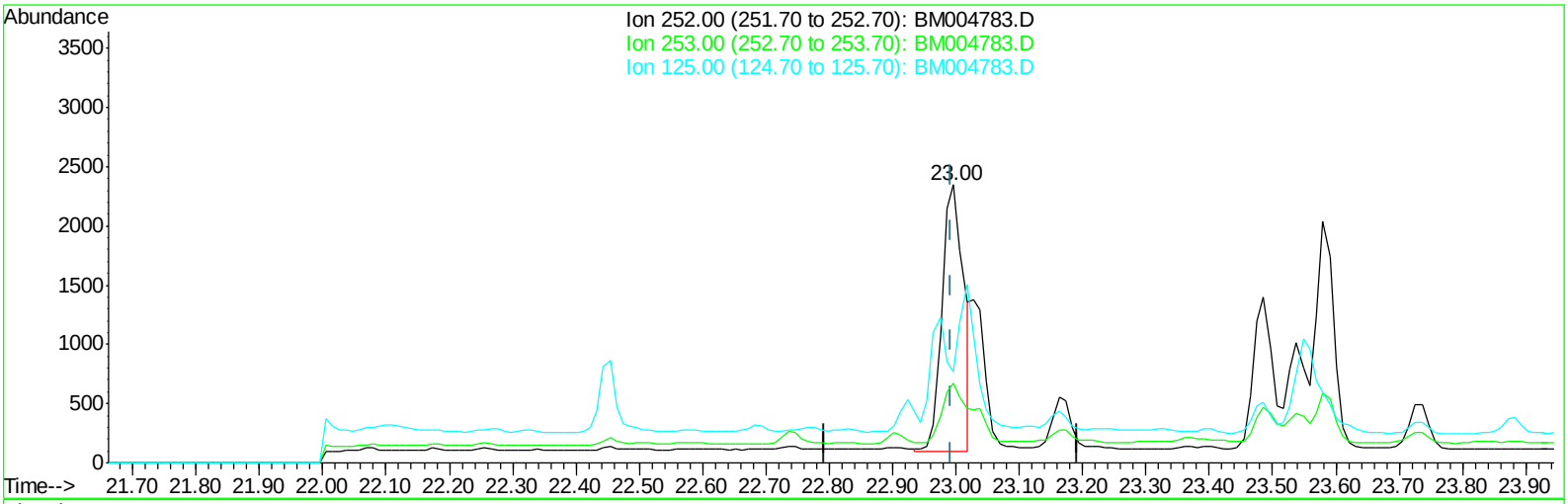
response 73

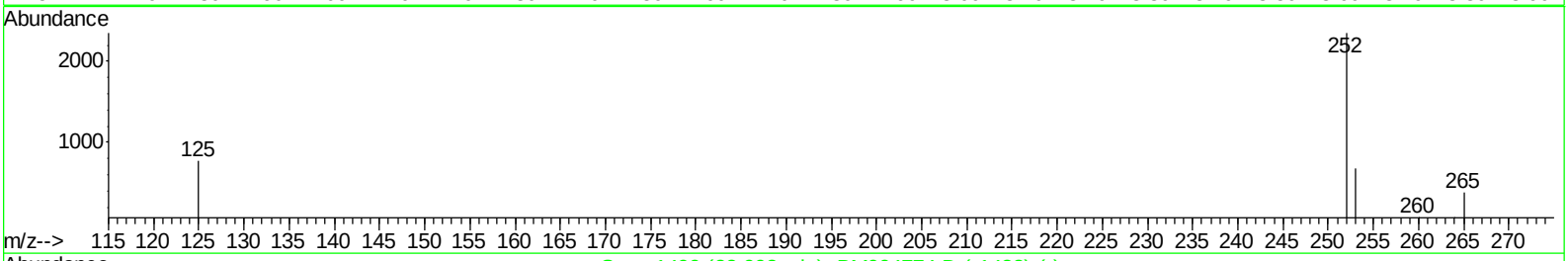
Ion	Exp%	Act%
252.00	100	100
253.00	22.70	194.29#
125.00	14.40	200.71#
0.00	0.00	0.00

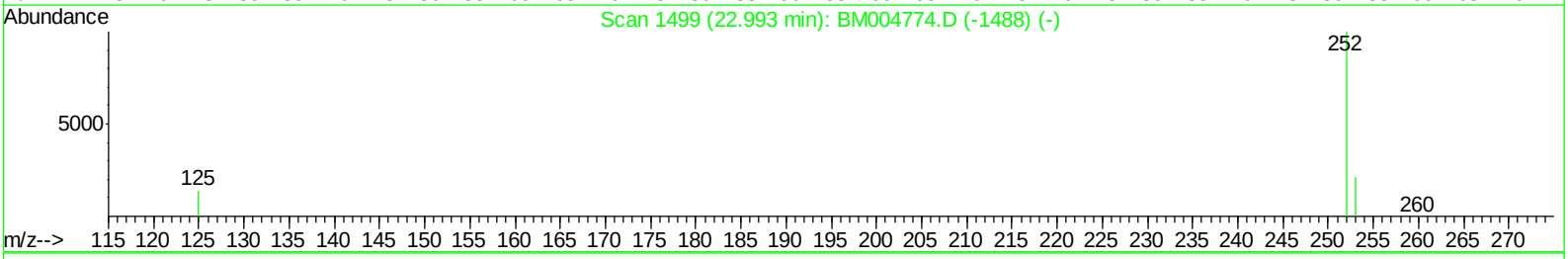
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(23) Benzo(b)fluoranthene

22.996min (+0.003) 0.29ng/ul m

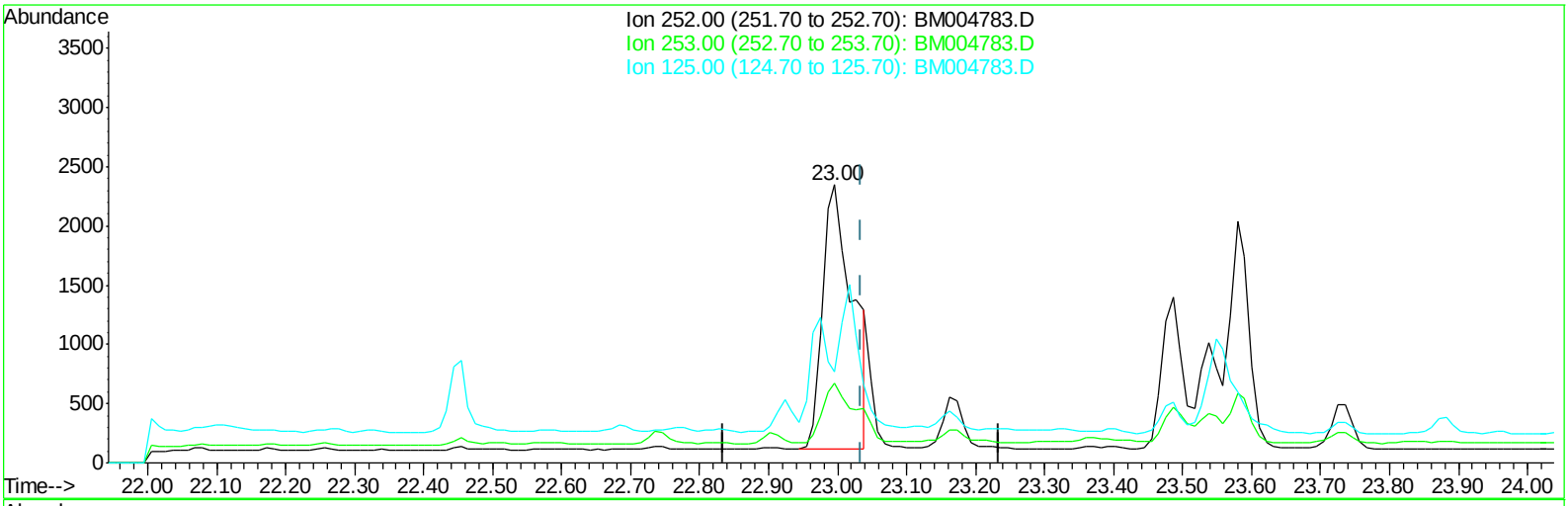
response 5337

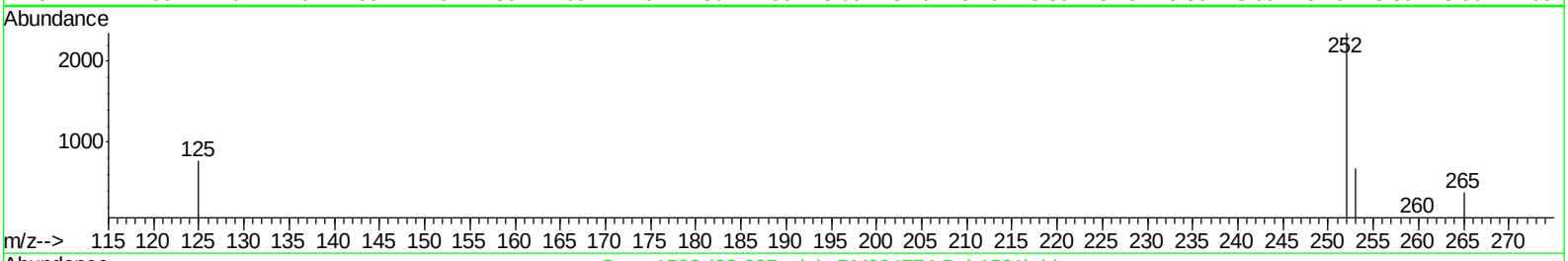
Ion	Exp%	Act%
252.00	100	100
253.00	22.70	28.86
125.00	14.40	32.87#
0.00	0.00	0.00

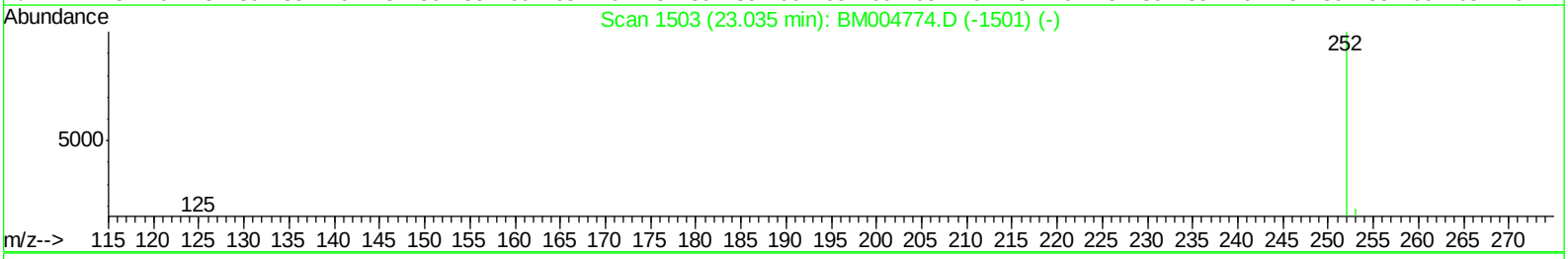
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(24) Benzo(k)fluoranthene

22.996min (-0.039) 0.40ng/ul

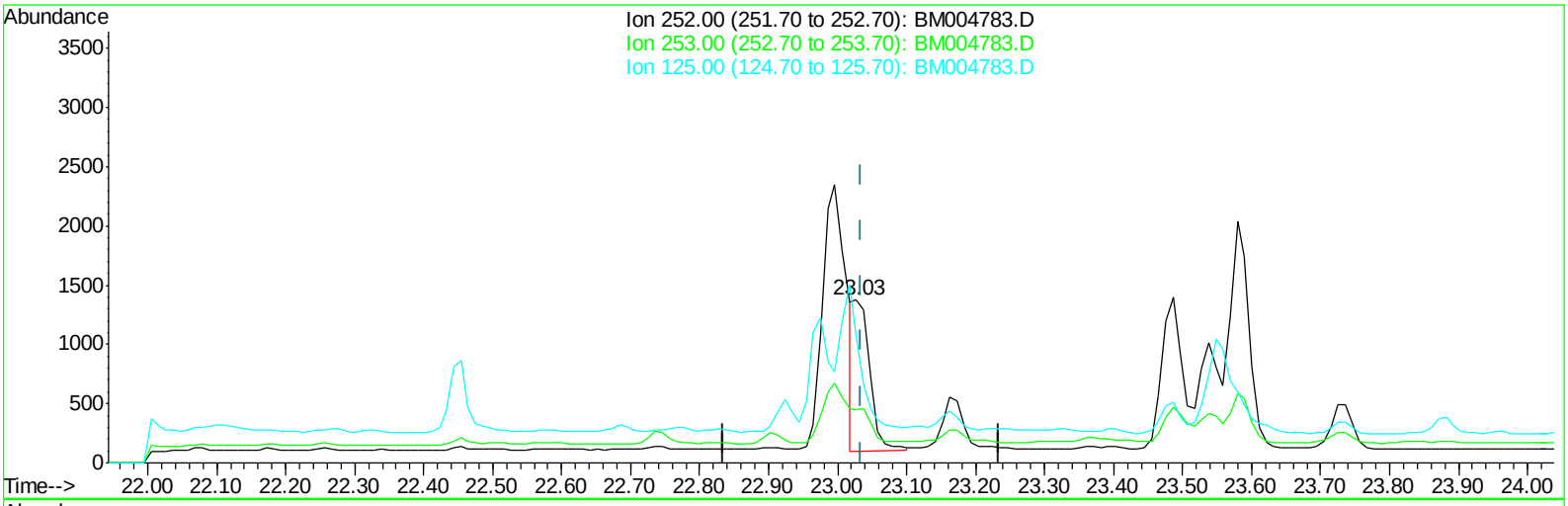
response 6750

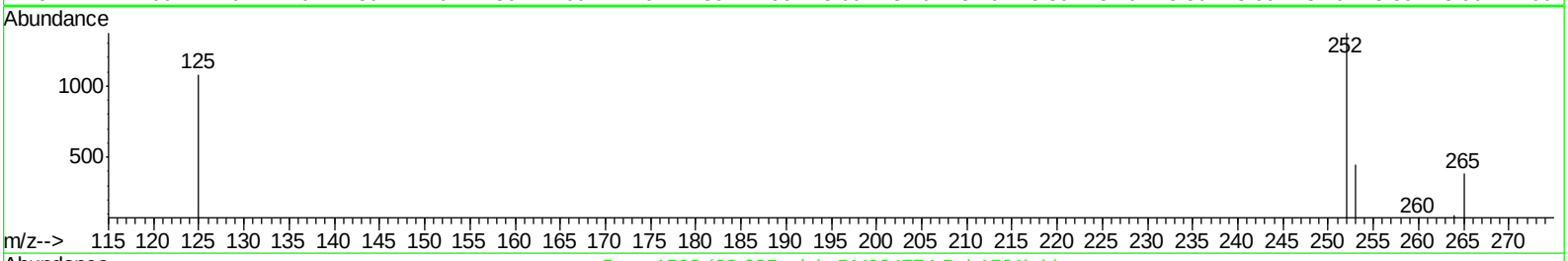
Ion	Exp%	Act%
252.00	100	100
253.00	24.80	28.86
125.00	13.00	32.87#
0.00	0.00	0.00

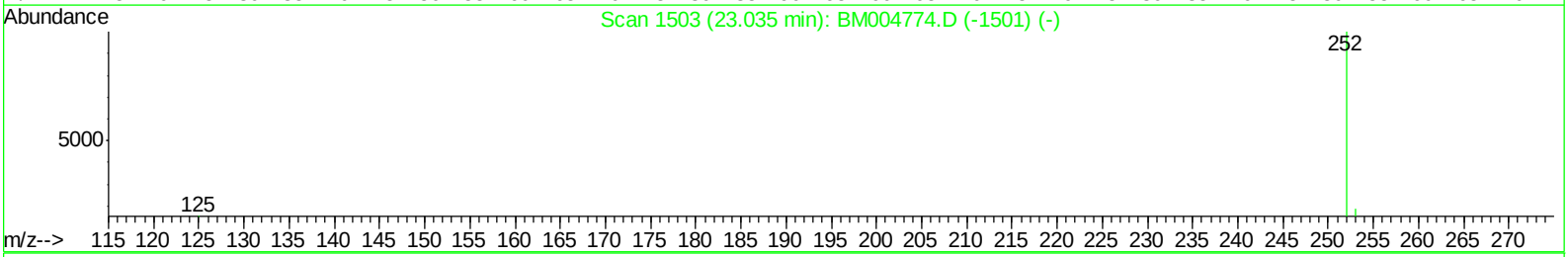
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(24) Benzo(k)fluoranthene

23.027min (-0.007) 0.12ng/ul m

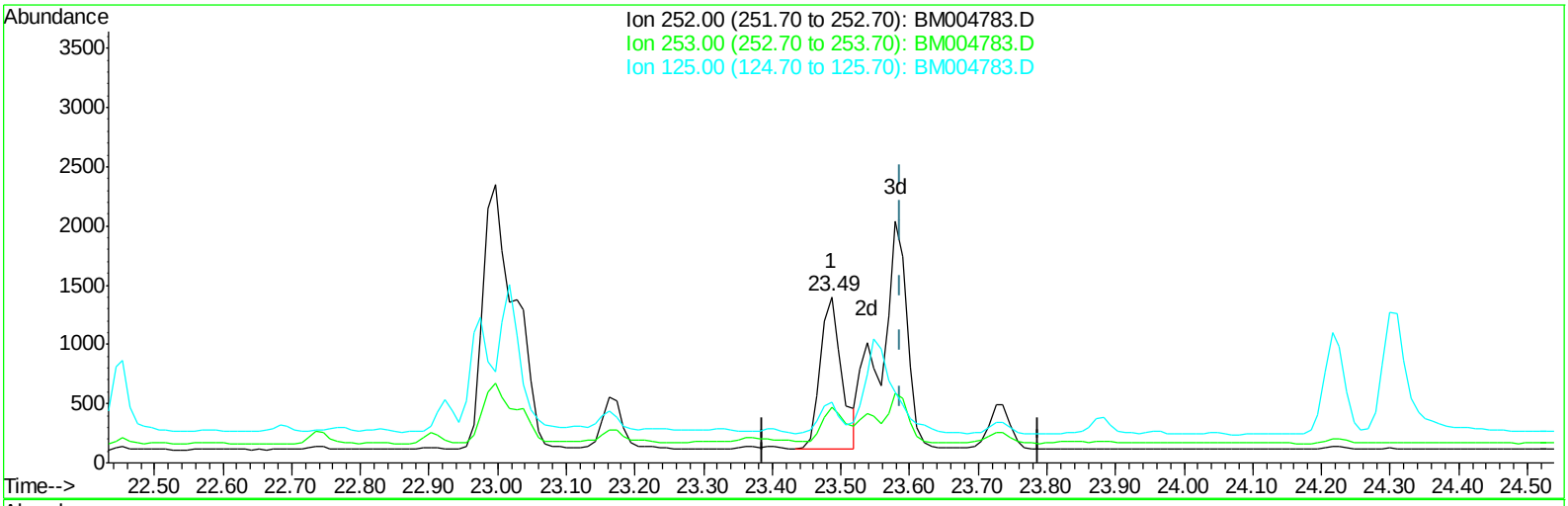
response 2120

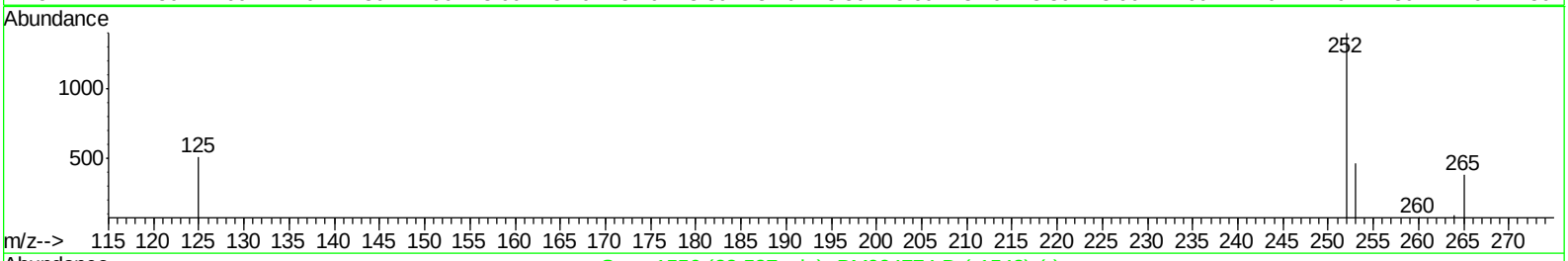
Ion	Exp%	Act%
252.00	100	100
253.00	24.80	32.77#
125.00	13.00	78.81#
0.00	0.00	0.00

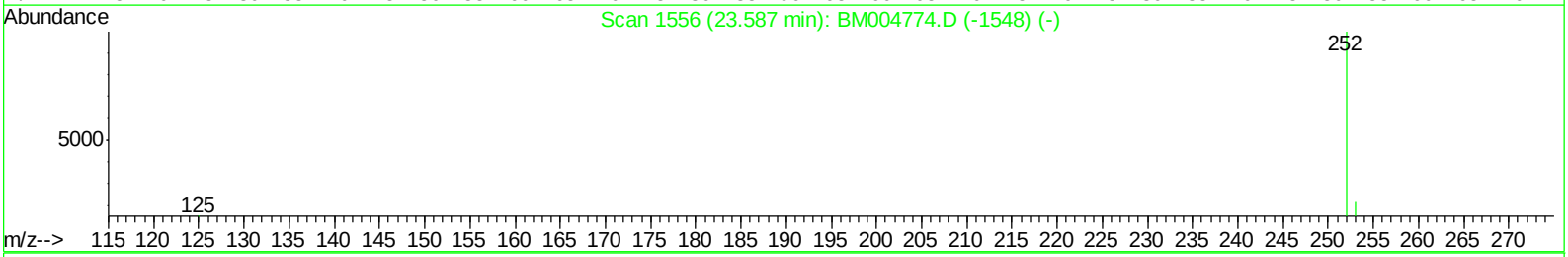
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(25) Benzo(a)pyrene (C)

23.486min (-0.101) 0.17ng/ul

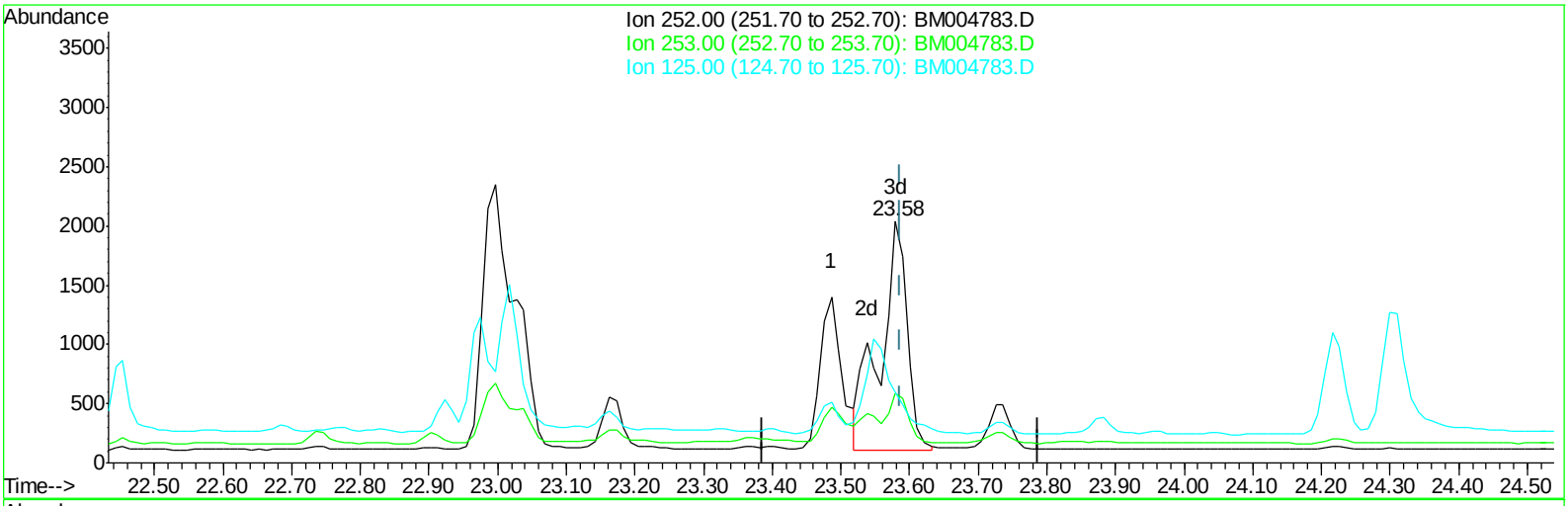
response 2778

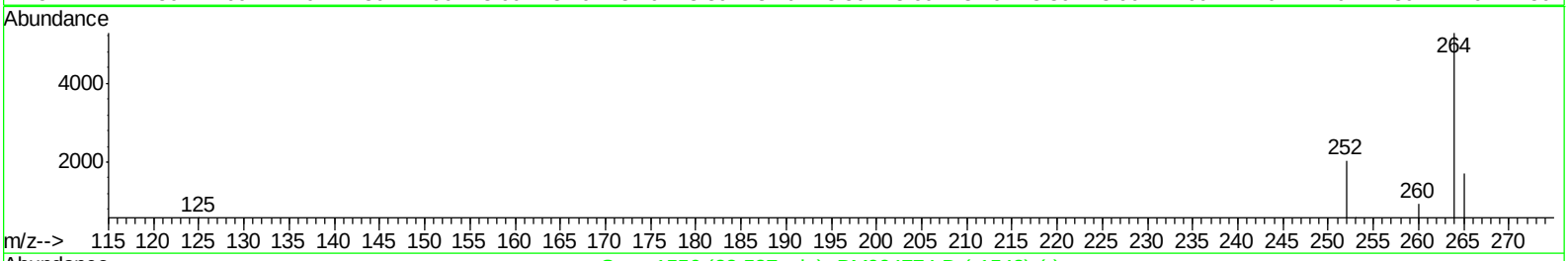
Ion	Exp%	Act%
252.00	100	100
253.00	24.30	33.12#
125.00	15.90	36.18#
0.00	0.00	0.00

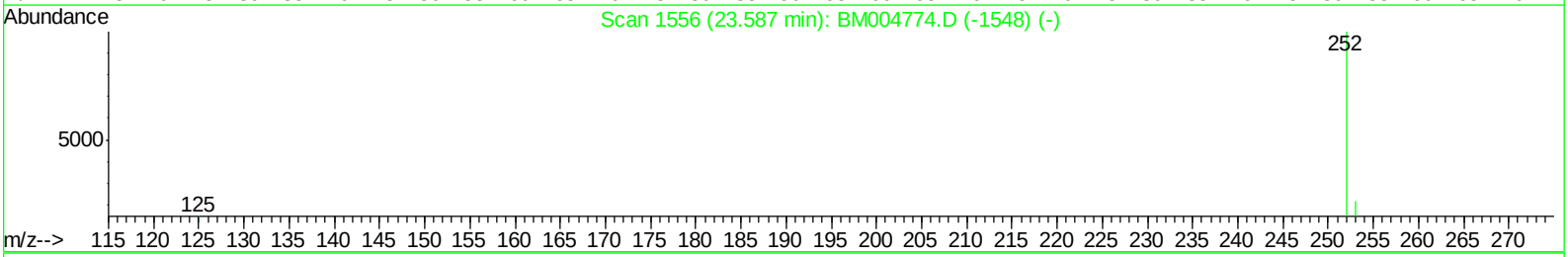
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(25) Benzo(a)pyrene (C)

23.580min (-0.007) 0.32ng/ul m

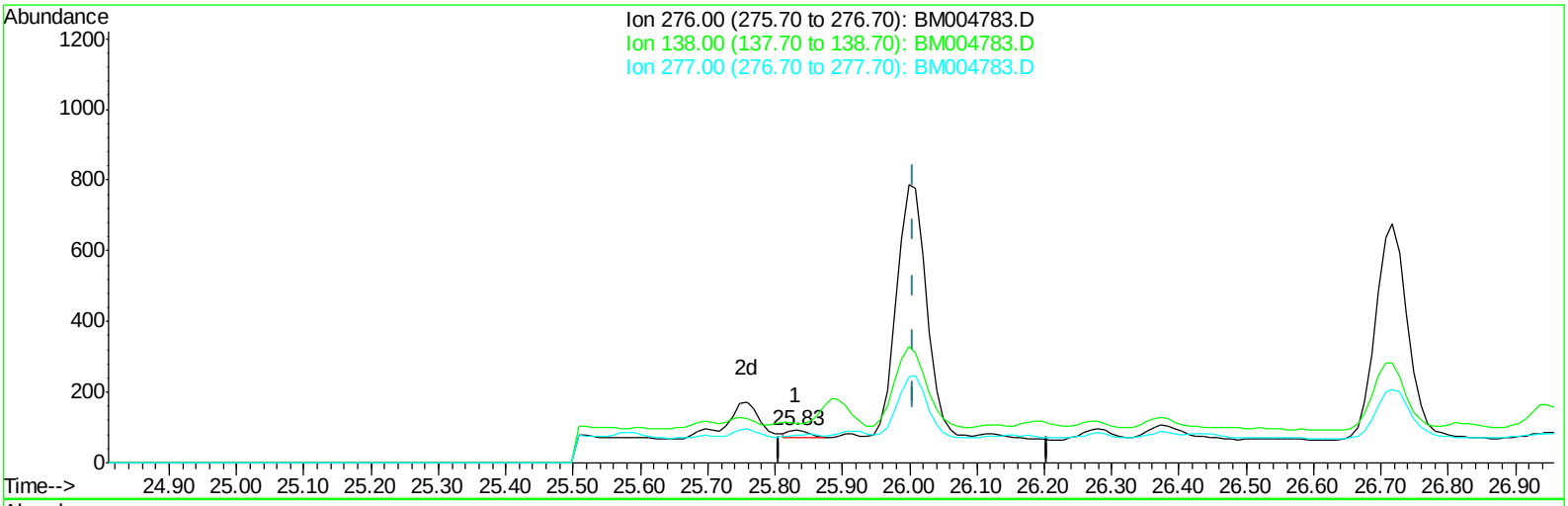
response 5335

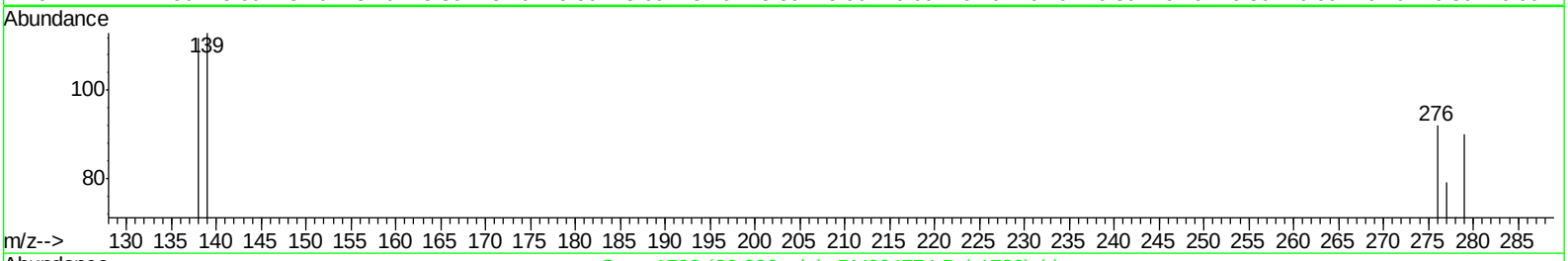
Ion	Exp%	Act%
252.00	100	100
253.00	24.30	28.68
125.00	15.90	29.07#
0.00	0.00	0.00

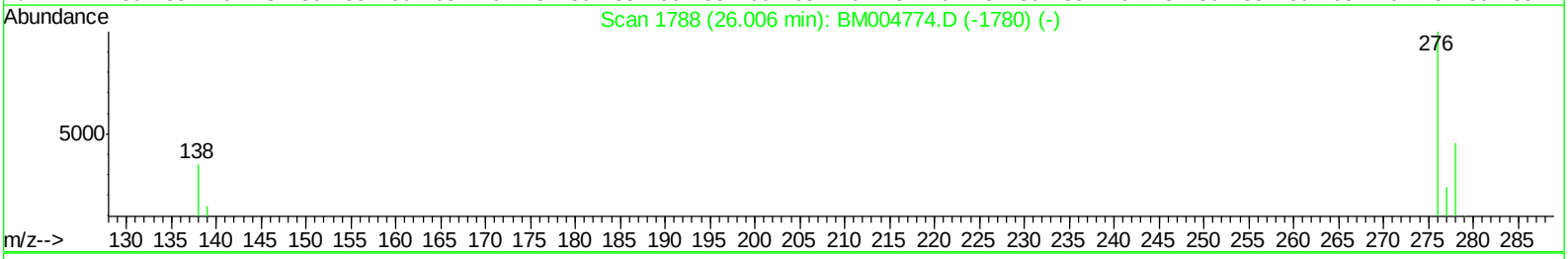
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

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

25.831min (-0.174) 0.00ng/ul

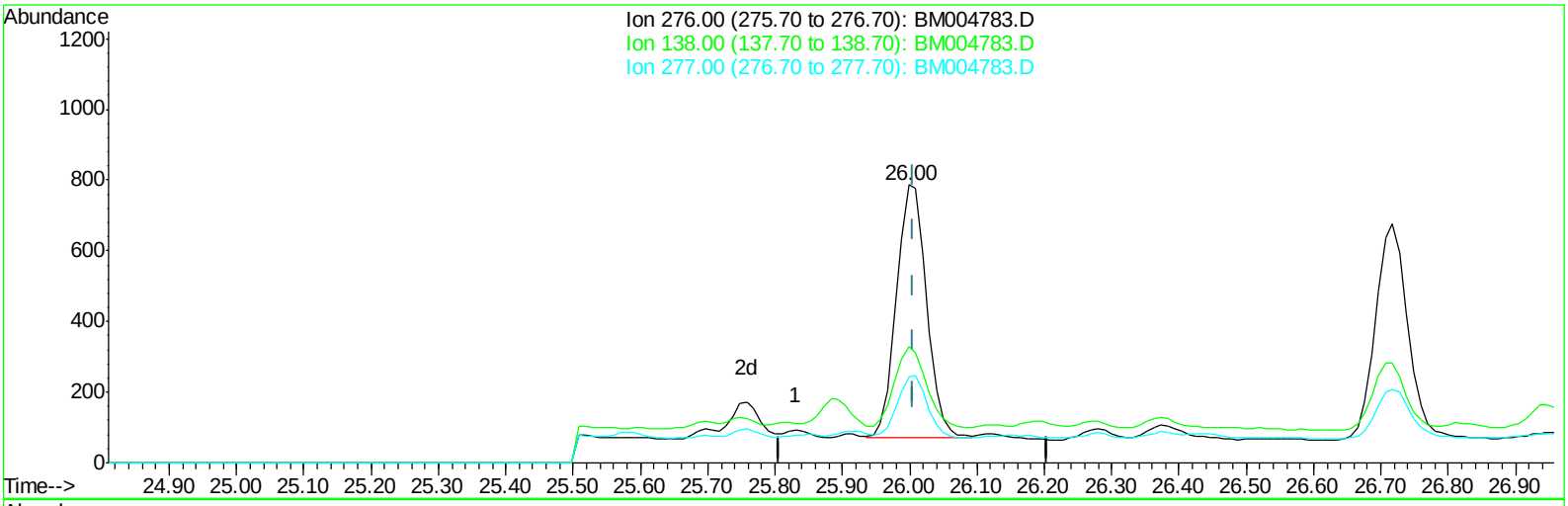
response 48

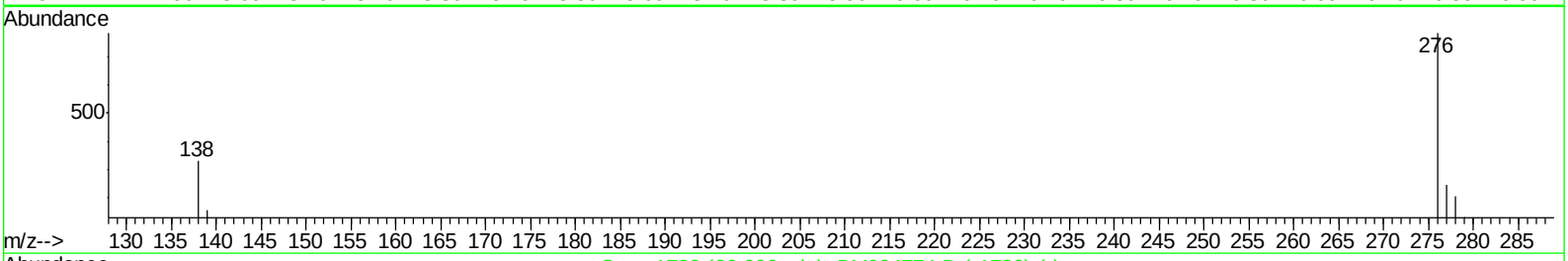
Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	0.00#
0.00	0.00	0.00

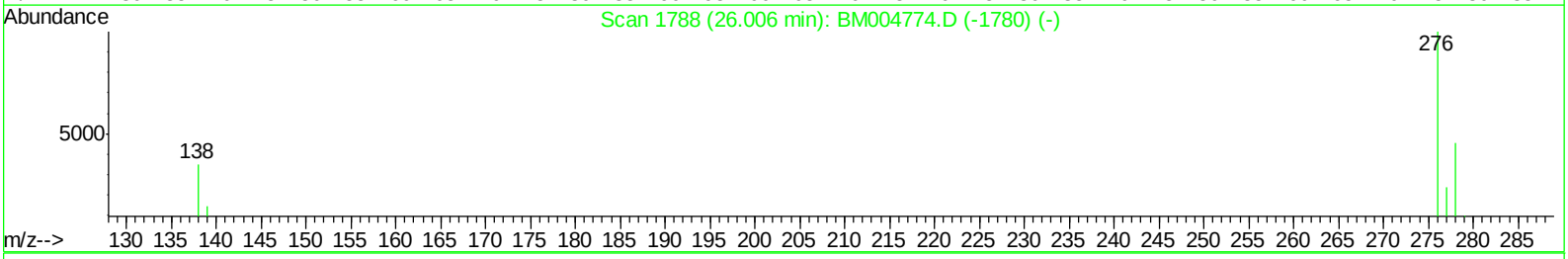
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

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

25.998min (-0.007) 0.14ng/ul m

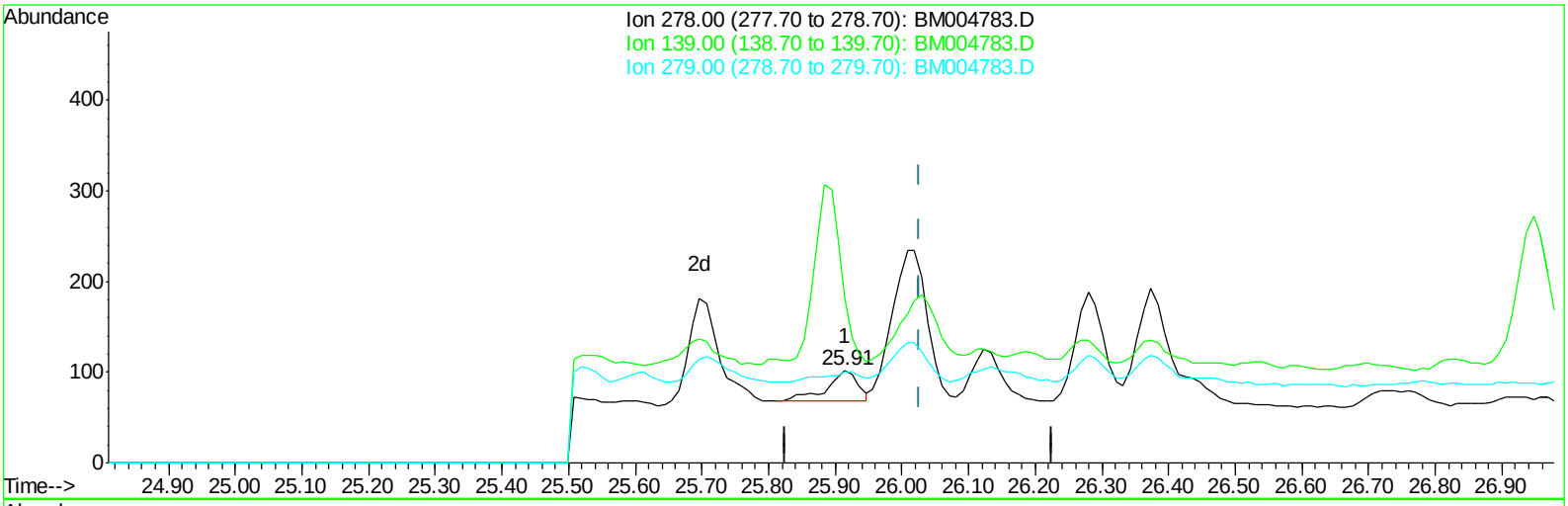
response 2214

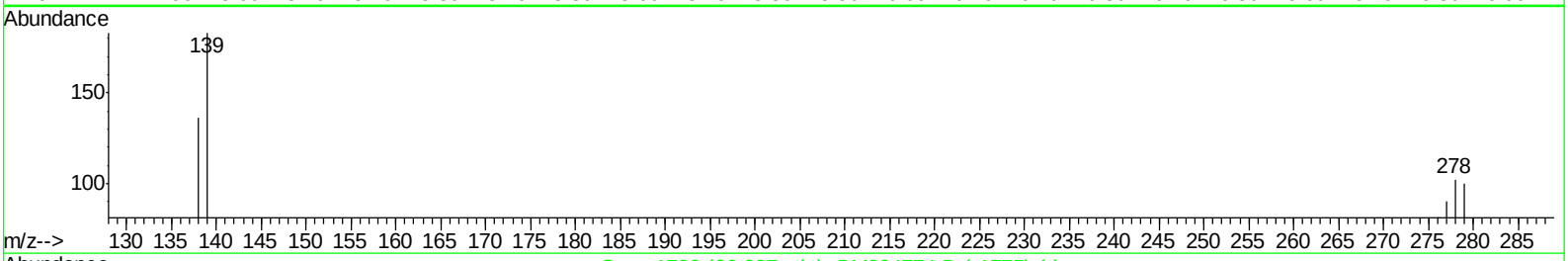
Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	0.00#
0.00	0.00	0.00

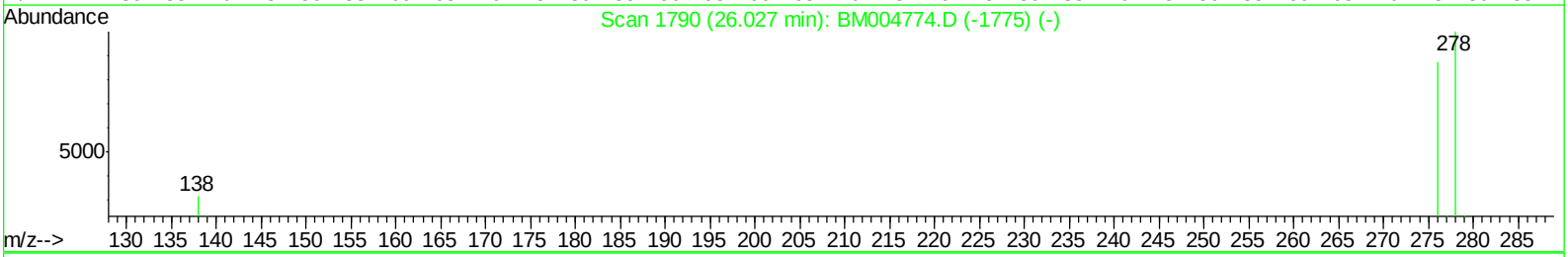
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(27) Dibenzo(a,h)anthracene

25.915min (-0.112) 0.01ng/ul

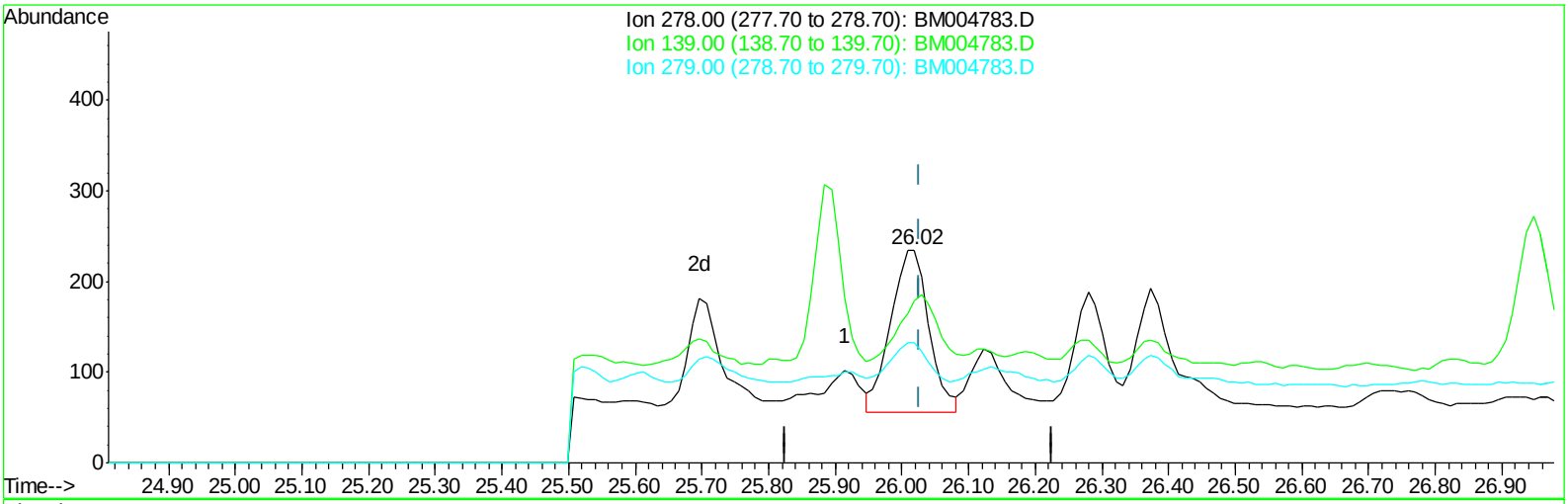
response 113

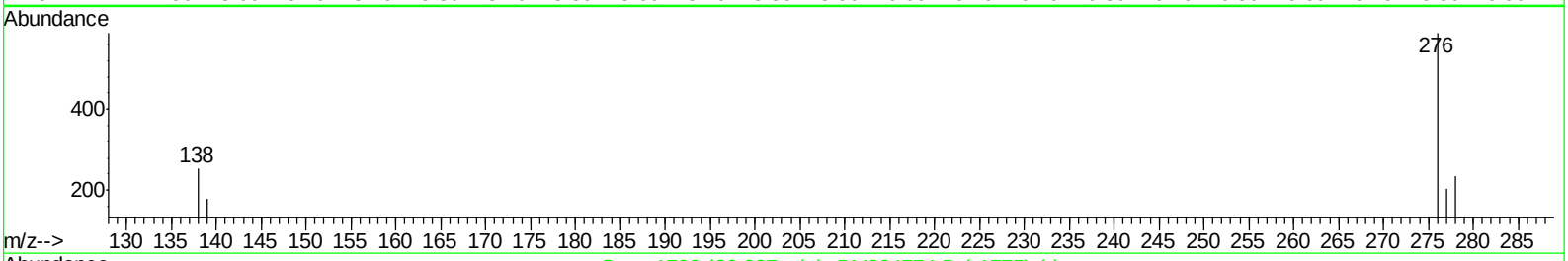
Ion	Exp%	Act%
278.00	100	100
139.00	20.50	179.41#
279.00	25.20	98.04#
0.00	0.00	0.00

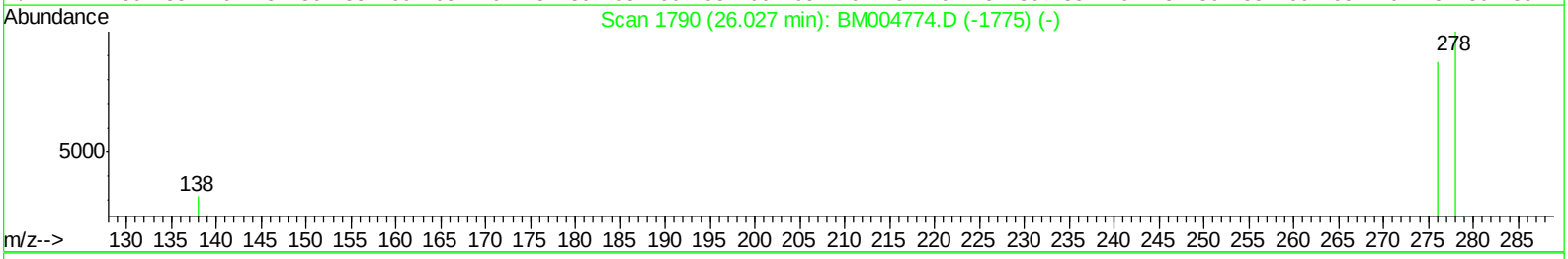
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

(27) Dibenzo(a,h)anthracene

26.019min (-0.007) 0.06ng/ul m

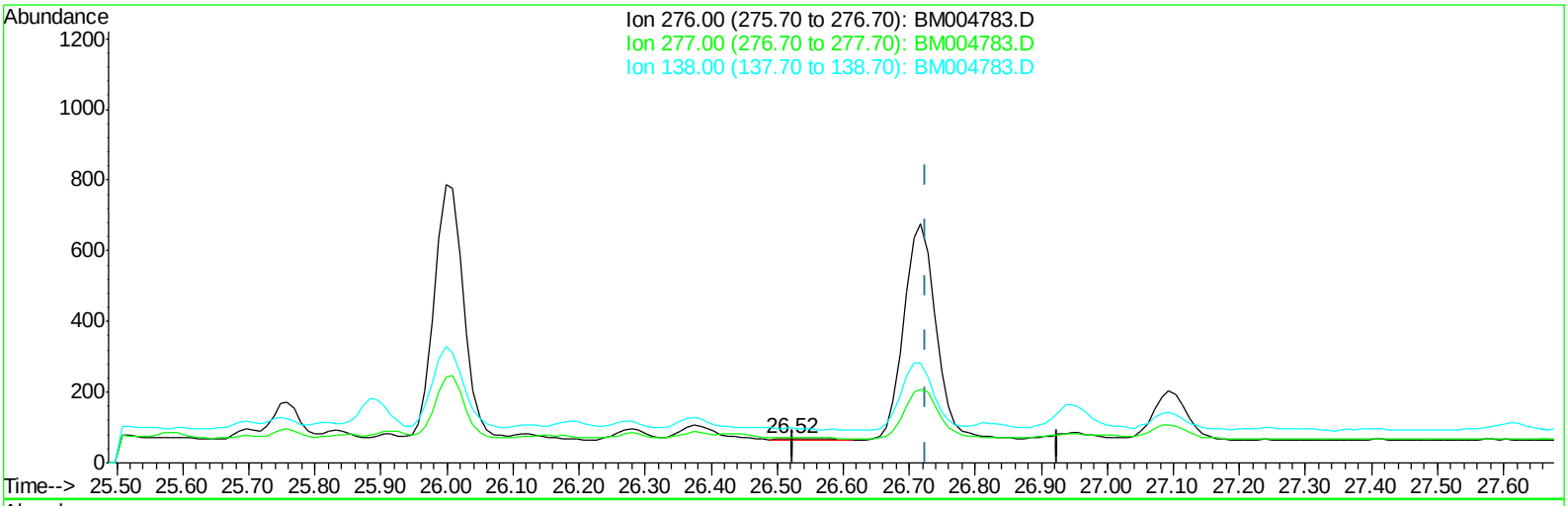
response 710

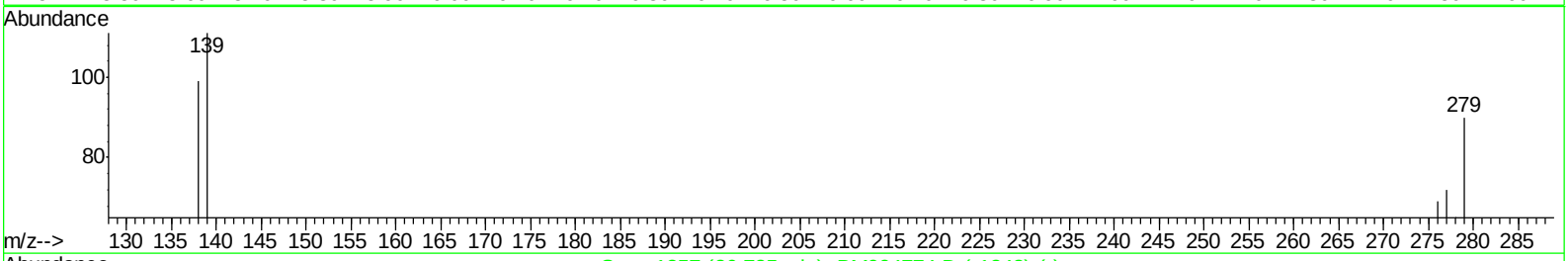
Ion	Exp%	Act%
278.00	100	100
139.00	20.50	76.17#
279.00	25.20	56.17#
0.00	0.00	0.00

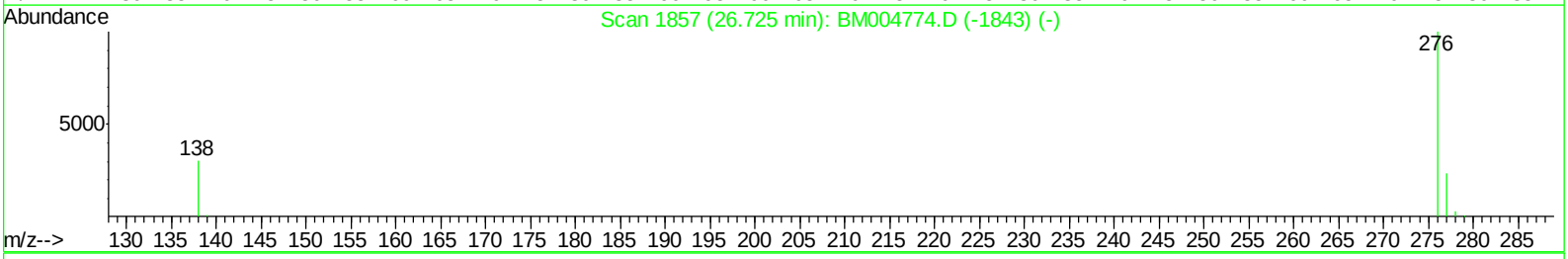
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

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

26.519min (-0.206) 0.00ng/ul

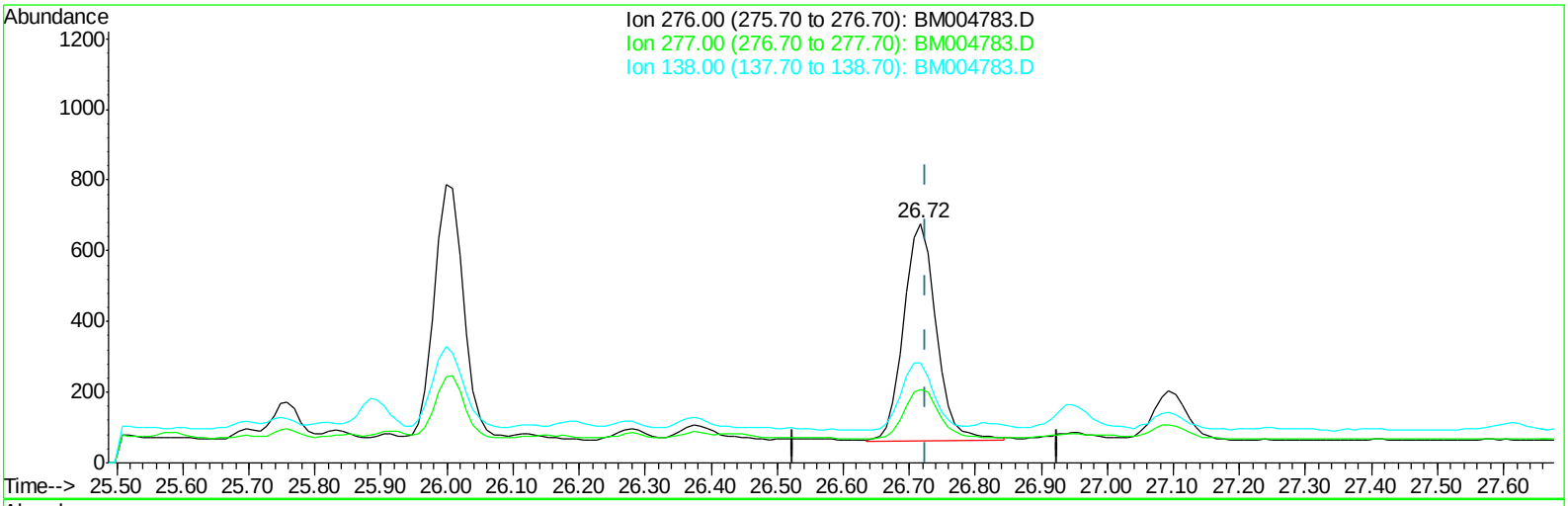
response 20

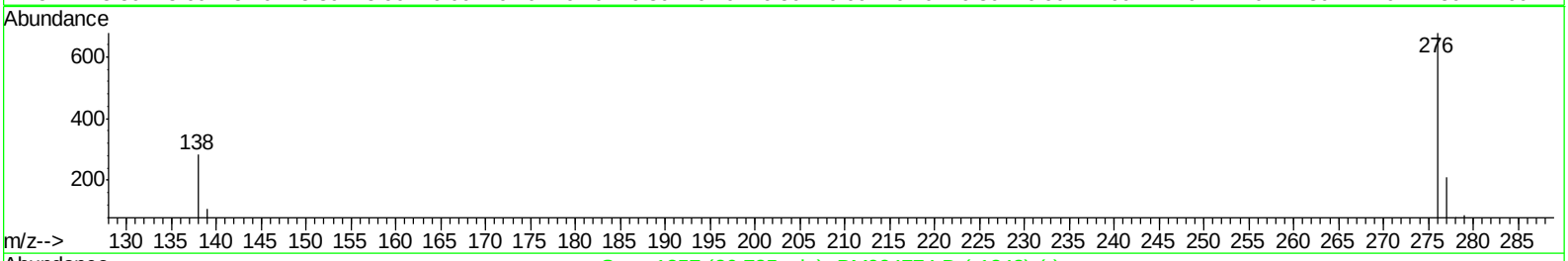
Ion	Exp%	Act%
276.00	100	100
277.00	23.60	104.35#
138.00	28.10	143.48#
0.00	0.00	0.00

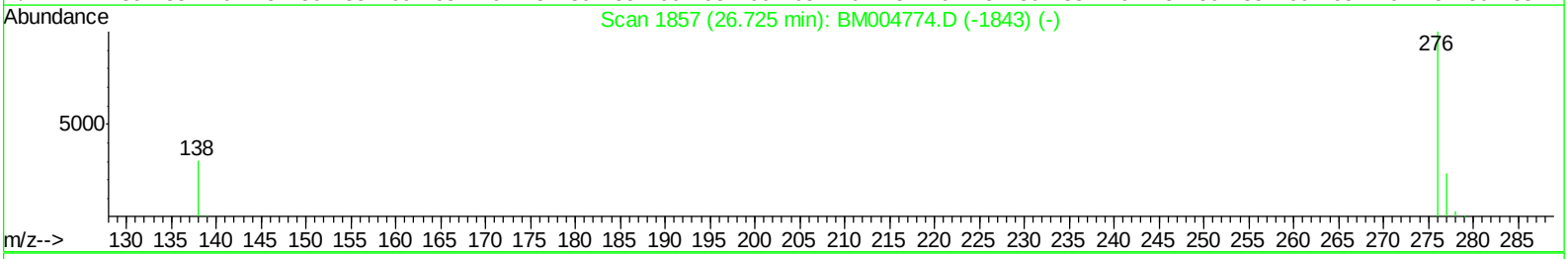
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration







TIC: BM004783.D

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

26.717min (-0.007) 0.16ng/ul m

response 2105

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	30.87#
138.00	28.10	41.65#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:10:06 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	926	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4380	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2819	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6458m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	6277	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	5454m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	5512	13.21	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2437	0.40	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5981	0.39	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	439	0.04	ng/ul#	57
9) Acenaphthylene	14.18	152	621	0.05	ng/ul#	80
11) Fluorene	15.51	166	239	0.02	ng/ul#	73
14) Phenanthrene	17.24	178	2438m	0.13	ng/ul	
15) Anthracene	17.33	178	999	0.06	ng/ul#	76
17) Fluoranthene	19.26	202	6755	0.33	ng/ul	91
19) Pyrene	19.63	202	6770	0.31	ng/ul#	92
20) Benzo(a)anthracene	21.37	228	3427	0.18	ng/ul#	89
21) Chrysene	21.42	228	3739	0.20	ng/ul#	91
23) Benzo(b)fluoranthene	23.00	252	5337m	0.29	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	2120m	0.12	ng/ul	
25) Benzo(a)pyrene	23.58	252	5335m	0.32	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.00	276	2214m	0.14	ng/ul	
27) Dibenzo(a,h)anthracene	26.02	278	710m	0.06	ng/ul	
28) Benzo(g,h,i)perylene	26.72	276	2105m	0.16	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004783.D
Acq On : 25 Mar 2016 18:29
Operator : UM/SJ
Sample : H1909-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 19:10:06 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration