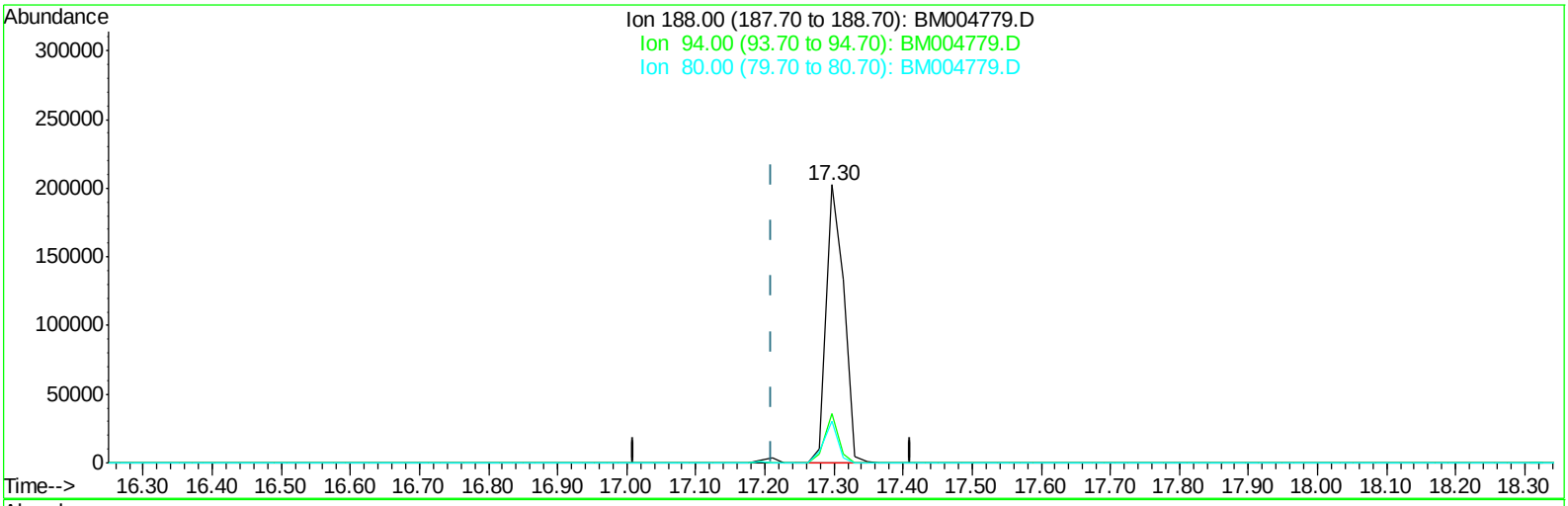
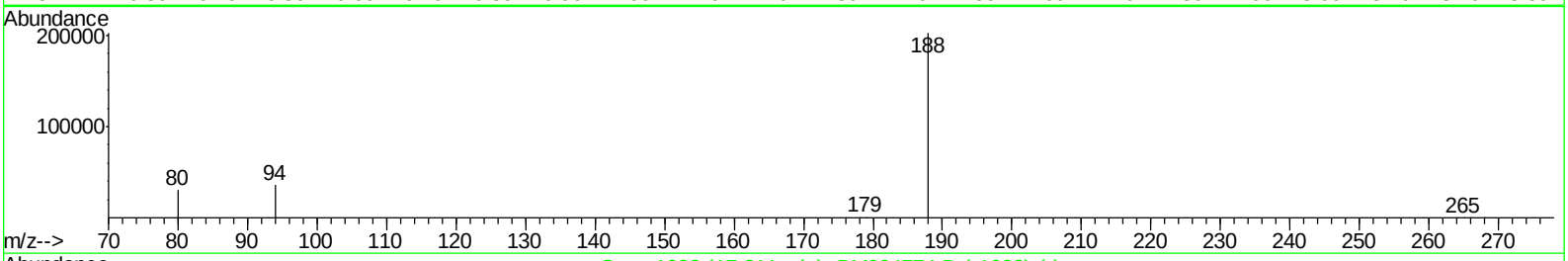
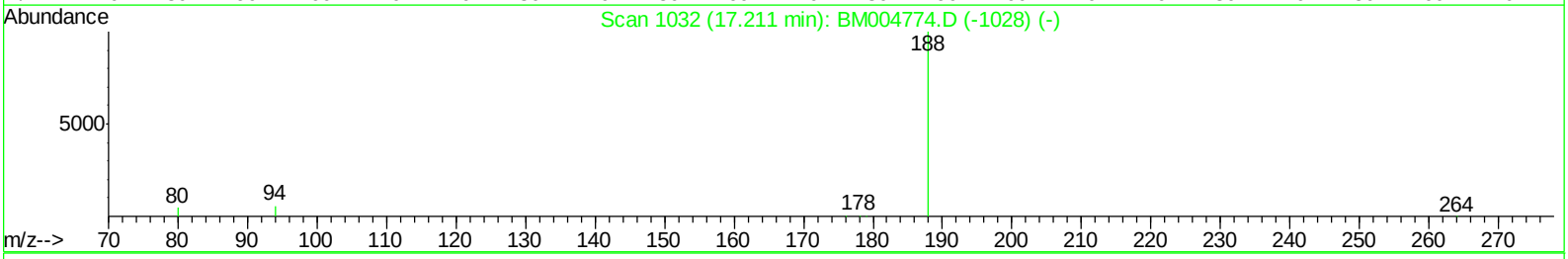
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:45:50 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: BM004779.D

(12) Phenanthrene-d10 (I)

17.296min (+0.085) 0.40ng/ul

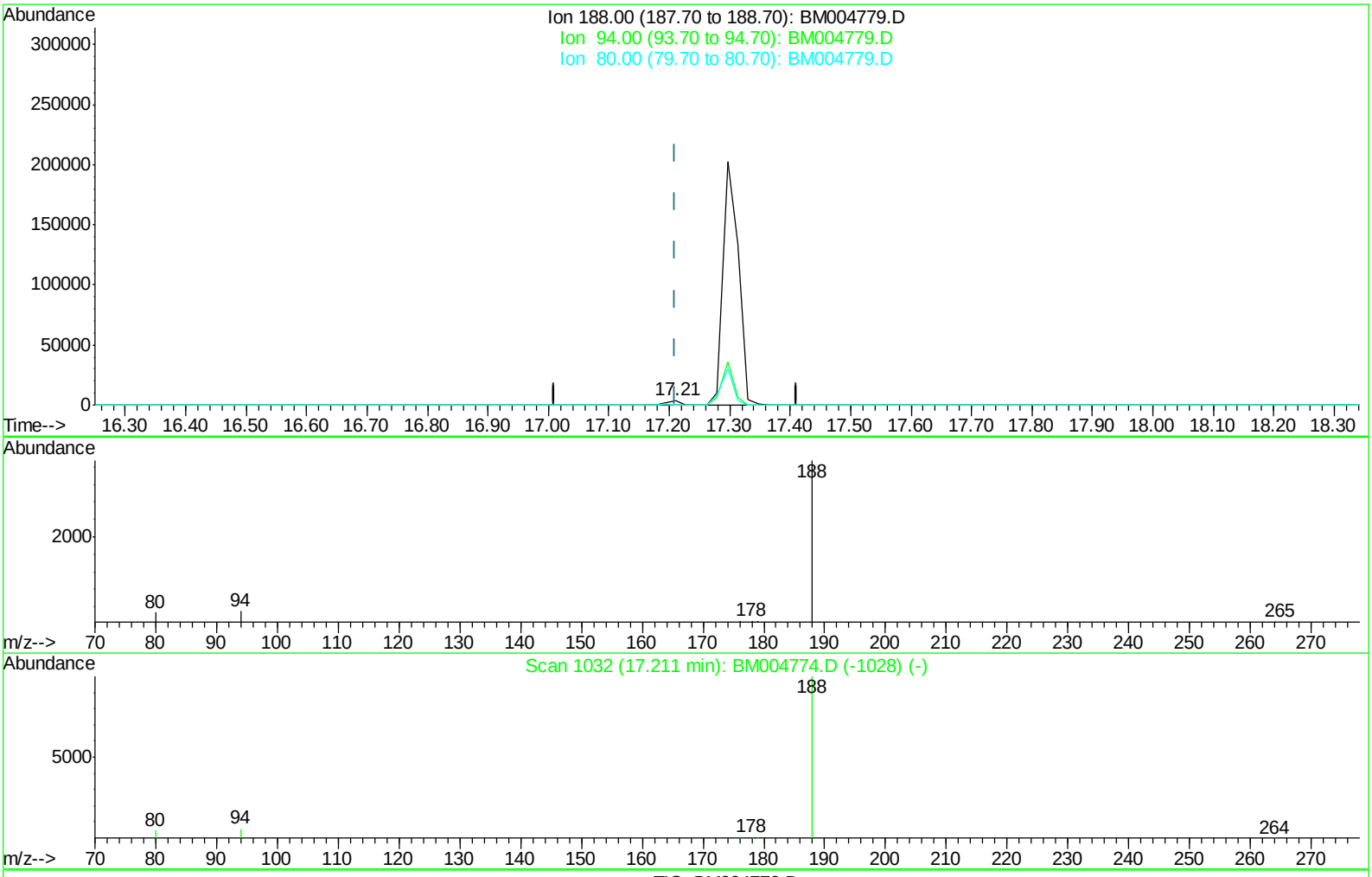
response 361744

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	17.78#
80.00	11.90	15.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:45:50 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: BM004779.D

(12) Phenanthrene-d10 (I)

17.210min (-0.000) 0.40ng/ul m

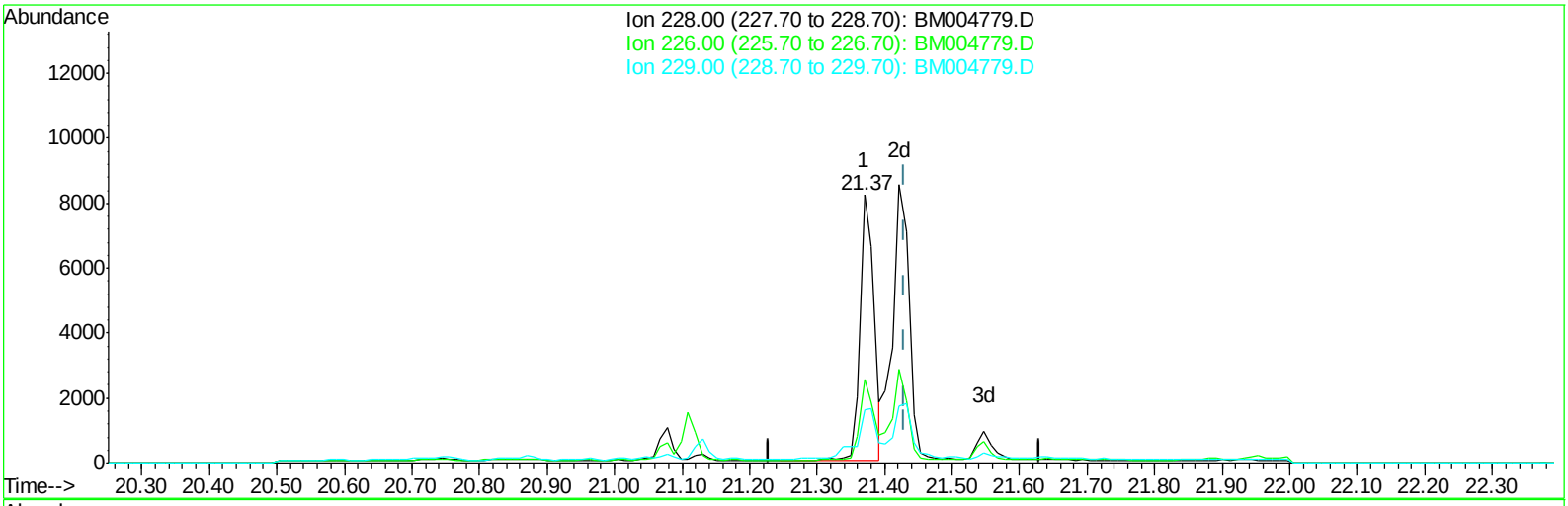
response 6707

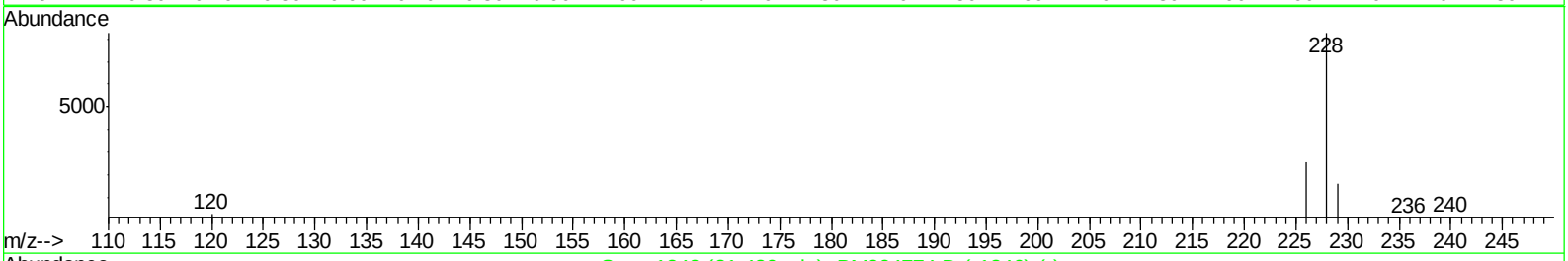
Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.93#
80.00	11.90	7.16#
0.00	0.00	0.00

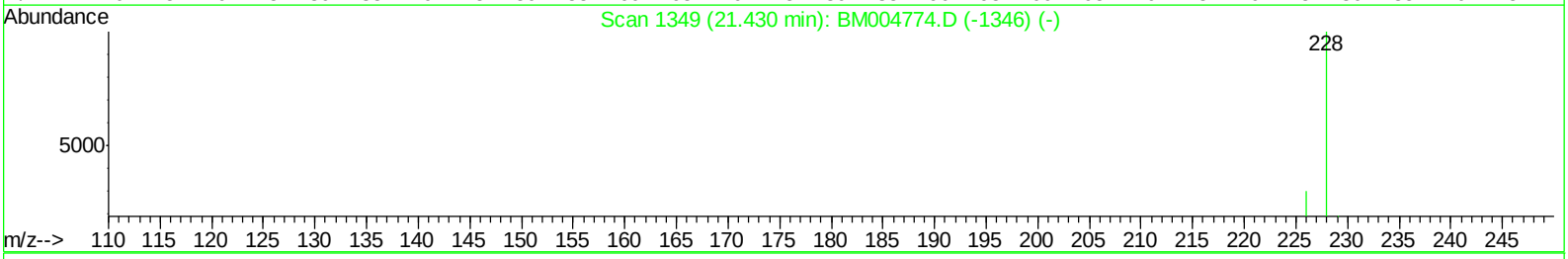
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:46:57 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: BM004779.D

(21) Chrysene

21.370min (-0.060) 0.66ng/ul

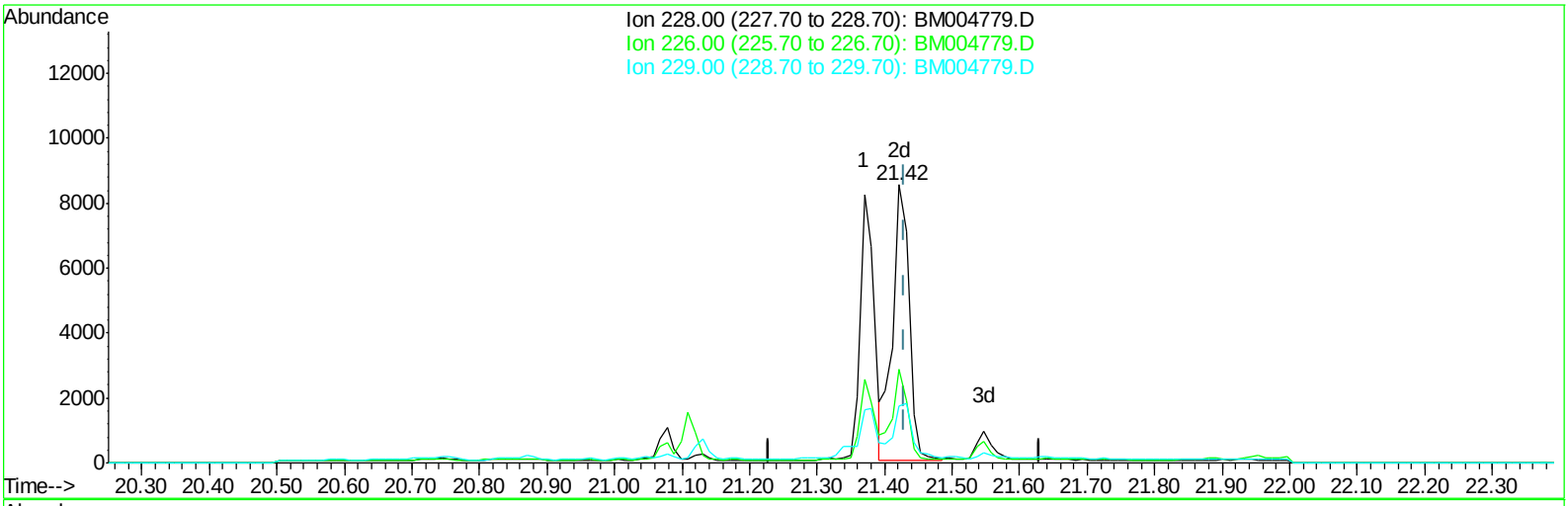
response 11819

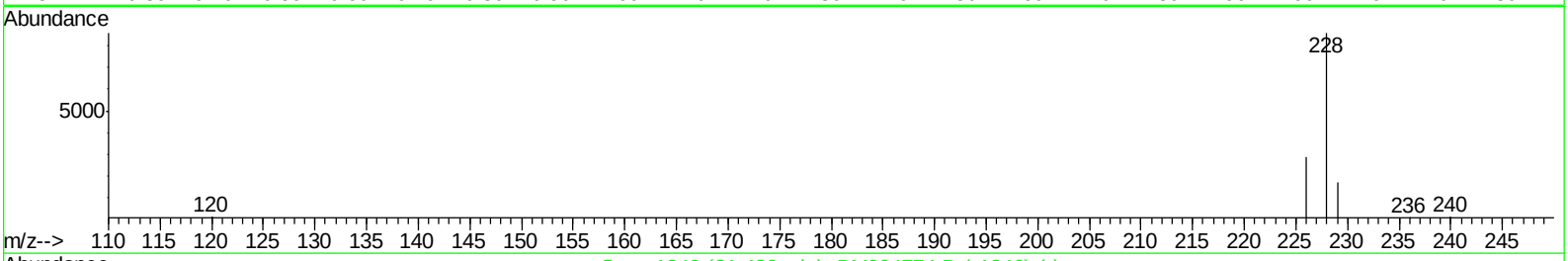
Ion	Exp%	Act%
228.00	100	100
226.00	26.50	31.18
229.00	21.30	19.83
0.00	0.00	0.00

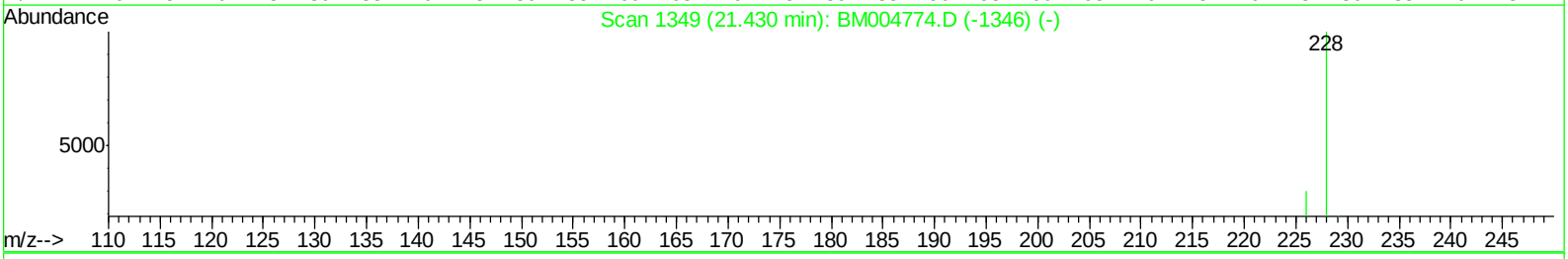
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:46:57 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: BM004779.D

(21) Chrysene

21.422min (-0.008) 0.81ng/ul m

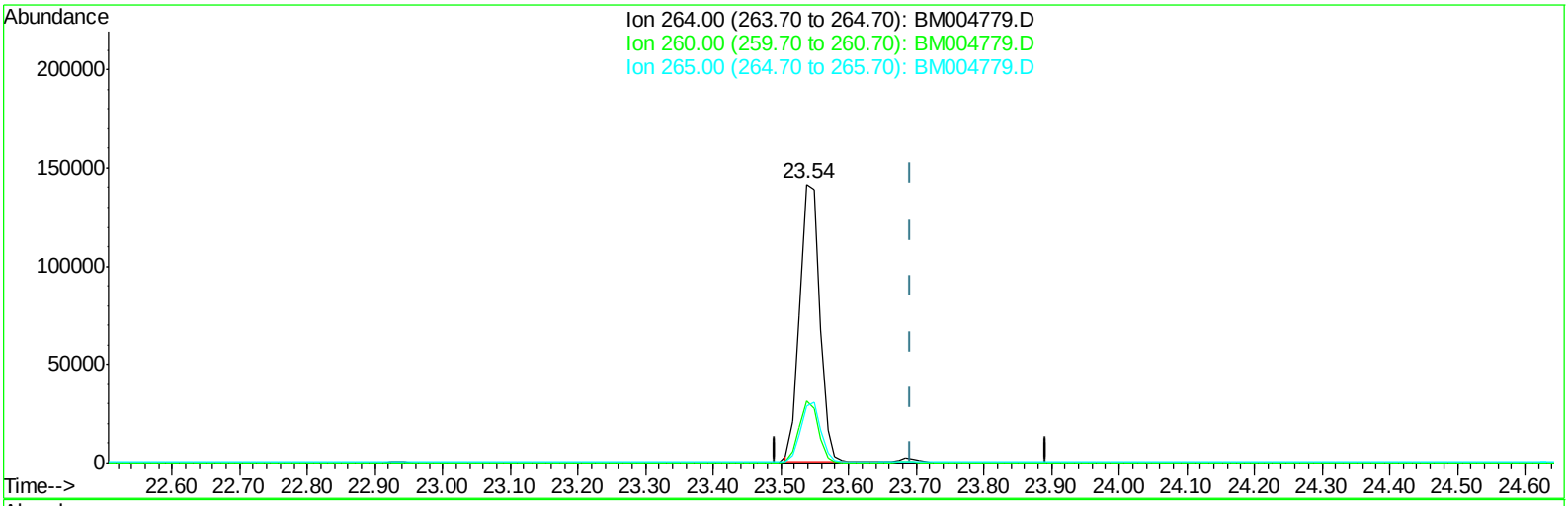
response 14415

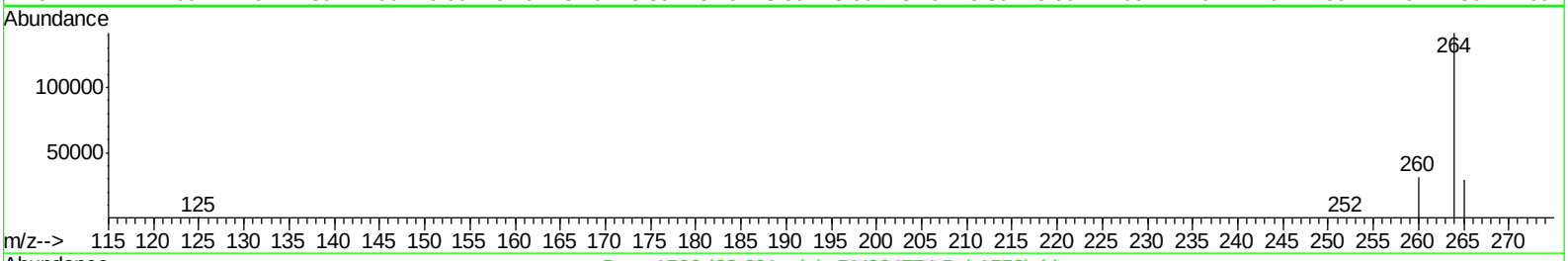
Ion	Exp%	Act%
228.00	100	100
226.00	26.50	33.78#
229.00	21.30	20.29
0.00	0.00	0.00

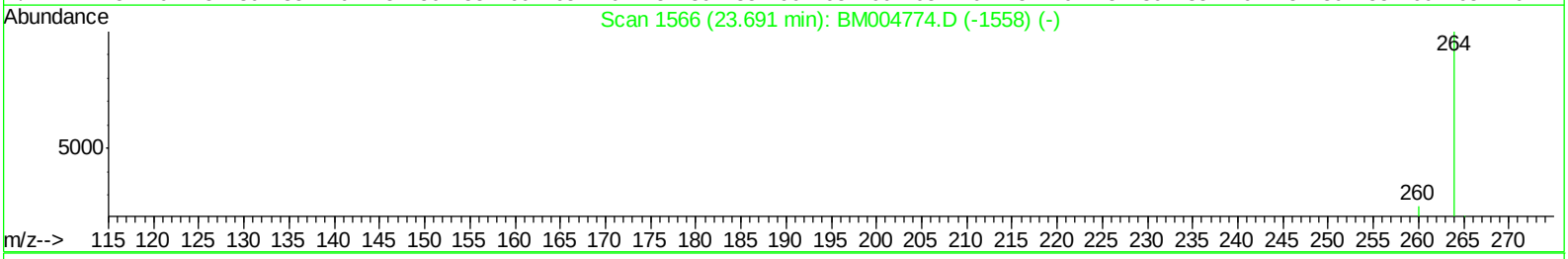
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:46:57 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: BM004779.D

(22) Perylene-d12 (I)

23.538min (-0.153) 0.40ng/ul

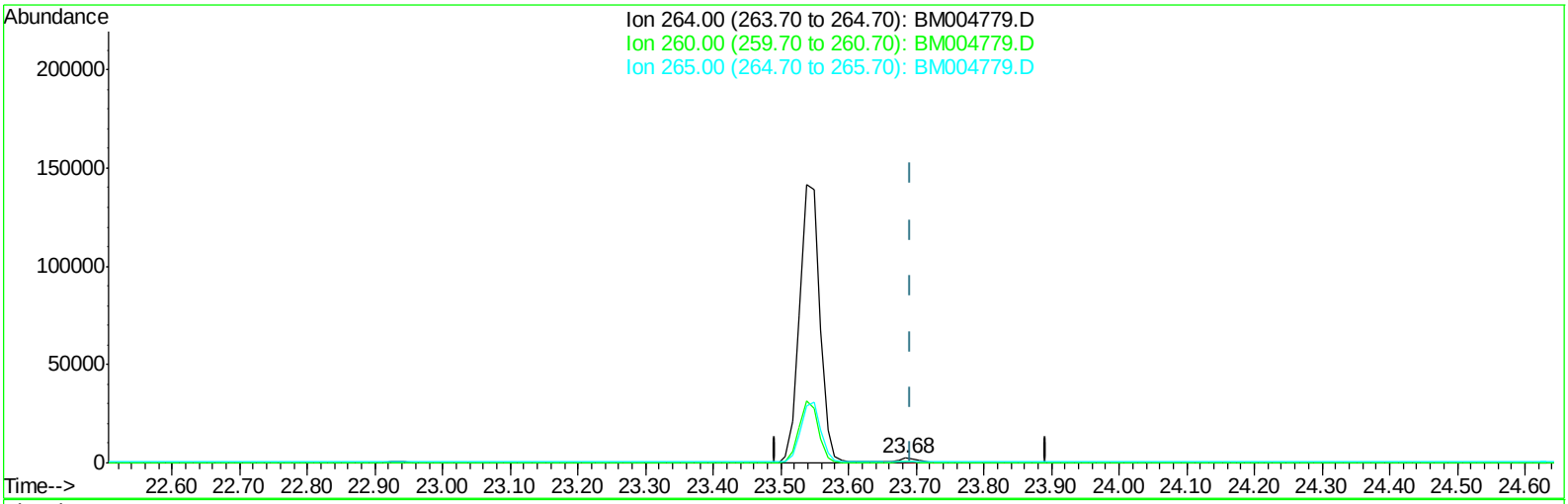
response 289896

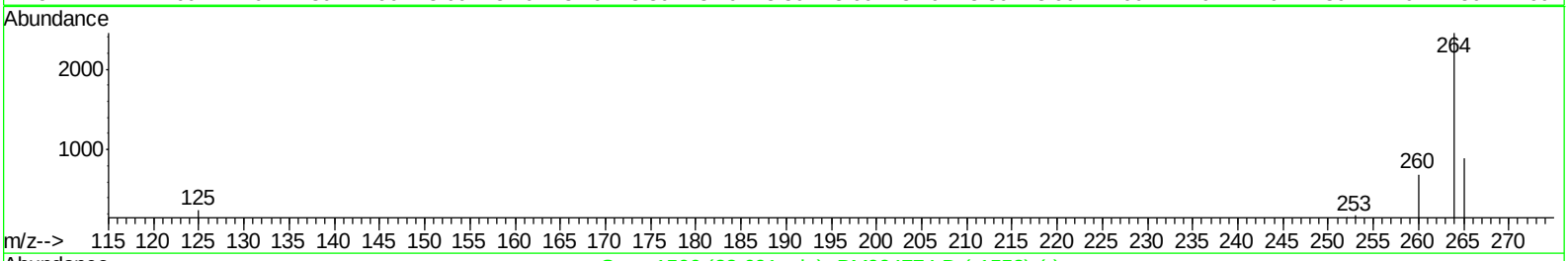
Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.25
265.00	38.20	20.52#
0.00	0.00	0.00

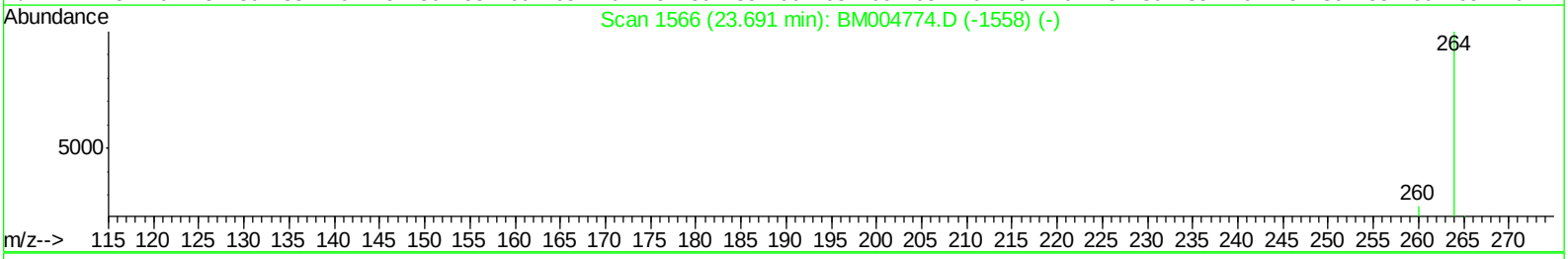
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:46:57 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: BM004779.D

(22) Perylene-d12 (I)

23.684min (-0.008) 0.40ng/ul m

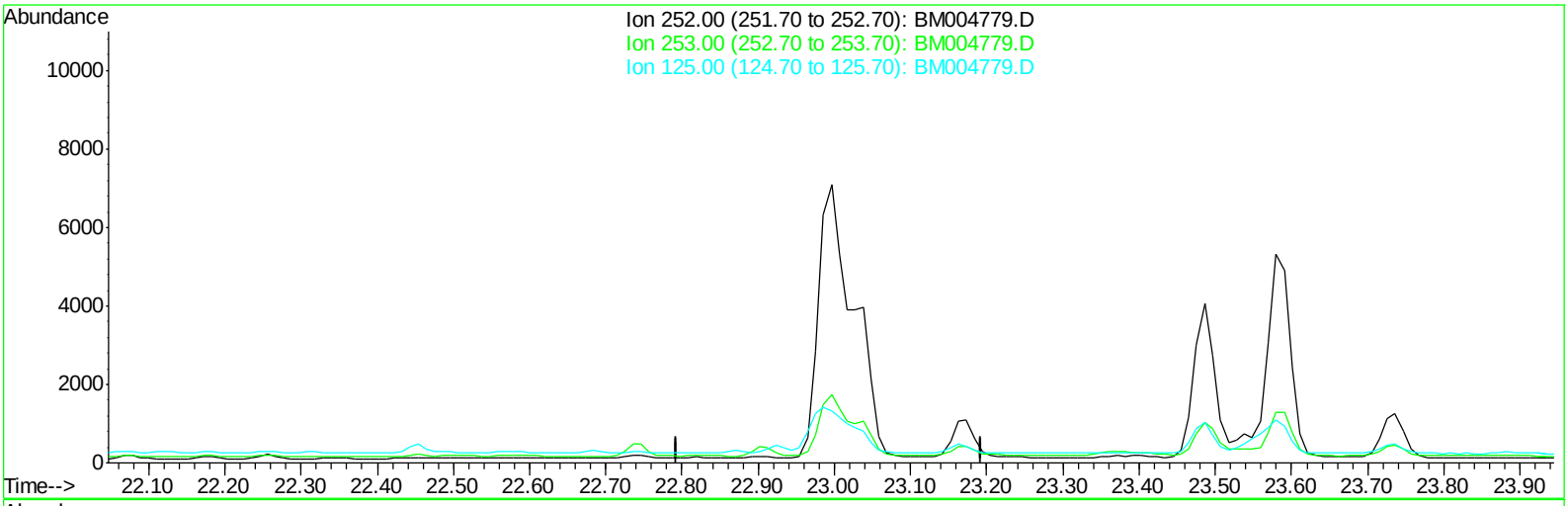
response 4131

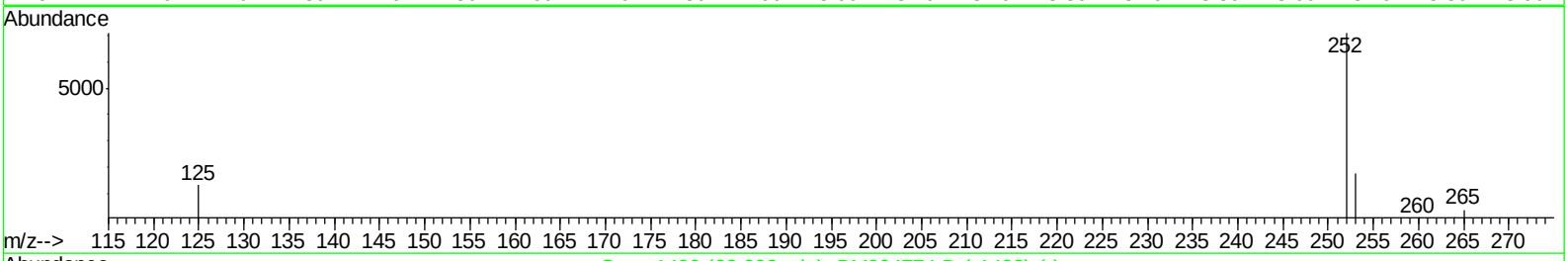
Ion	Exp%	Act%
264.00	100	100
260.00	25.60	28.20
265.00	38.20	36.33
0.00	0.00	0.00

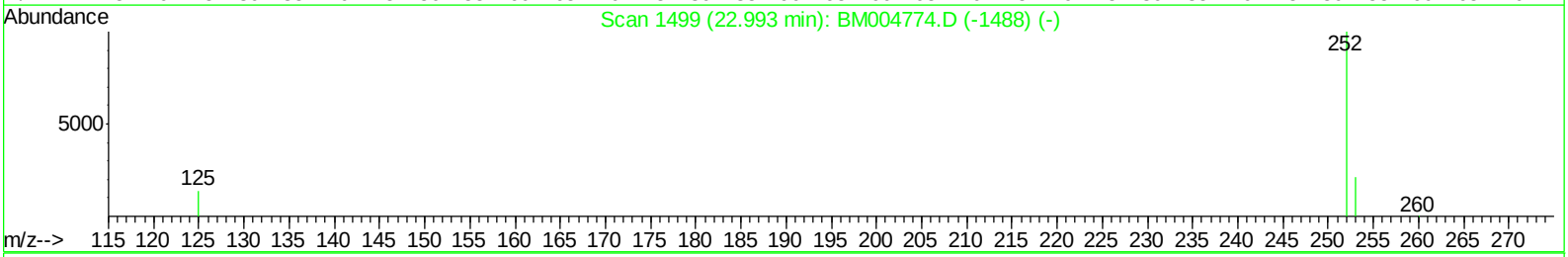
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

(23) Benzo(b)fluoranthene

22.993min (-22.993) 0.00ng/ul

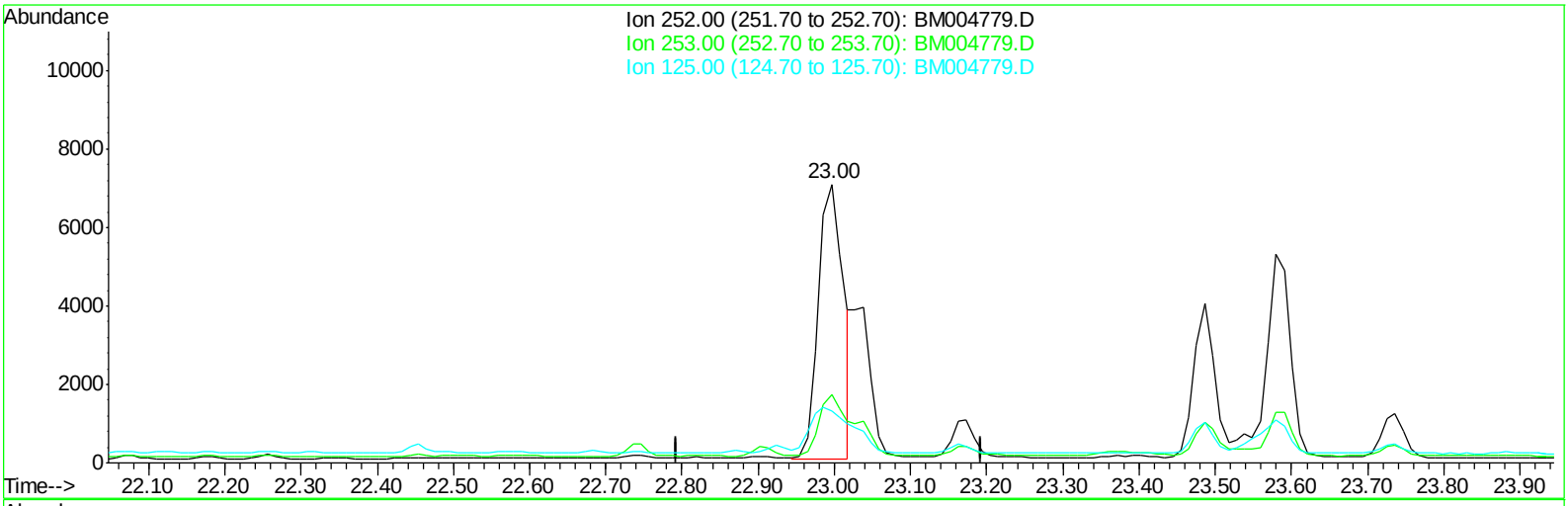
response 0

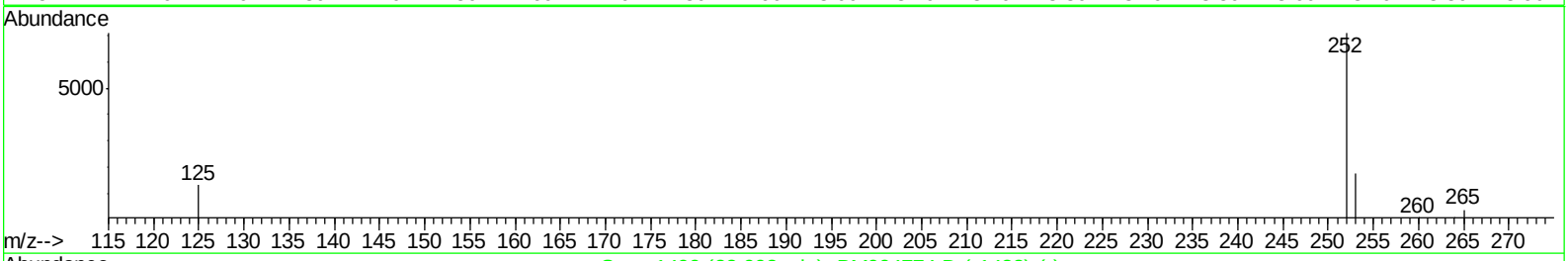
Ion	Exp%	Act%
252.00	100	0.00
253.00	22.70	0.00
125.00	14.40	0.00
0.00	0.00	0.00

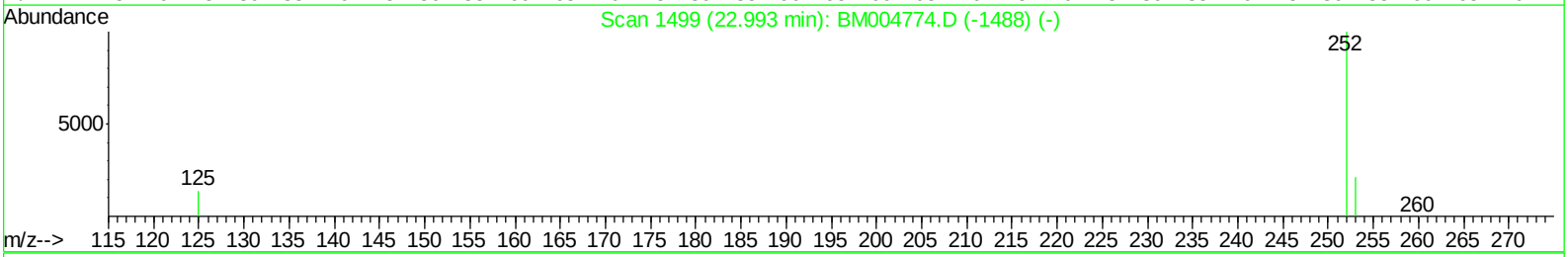
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

(23) Benzo(b)fluoranthene

22.996min (+0.003) 1.15ng/ul m

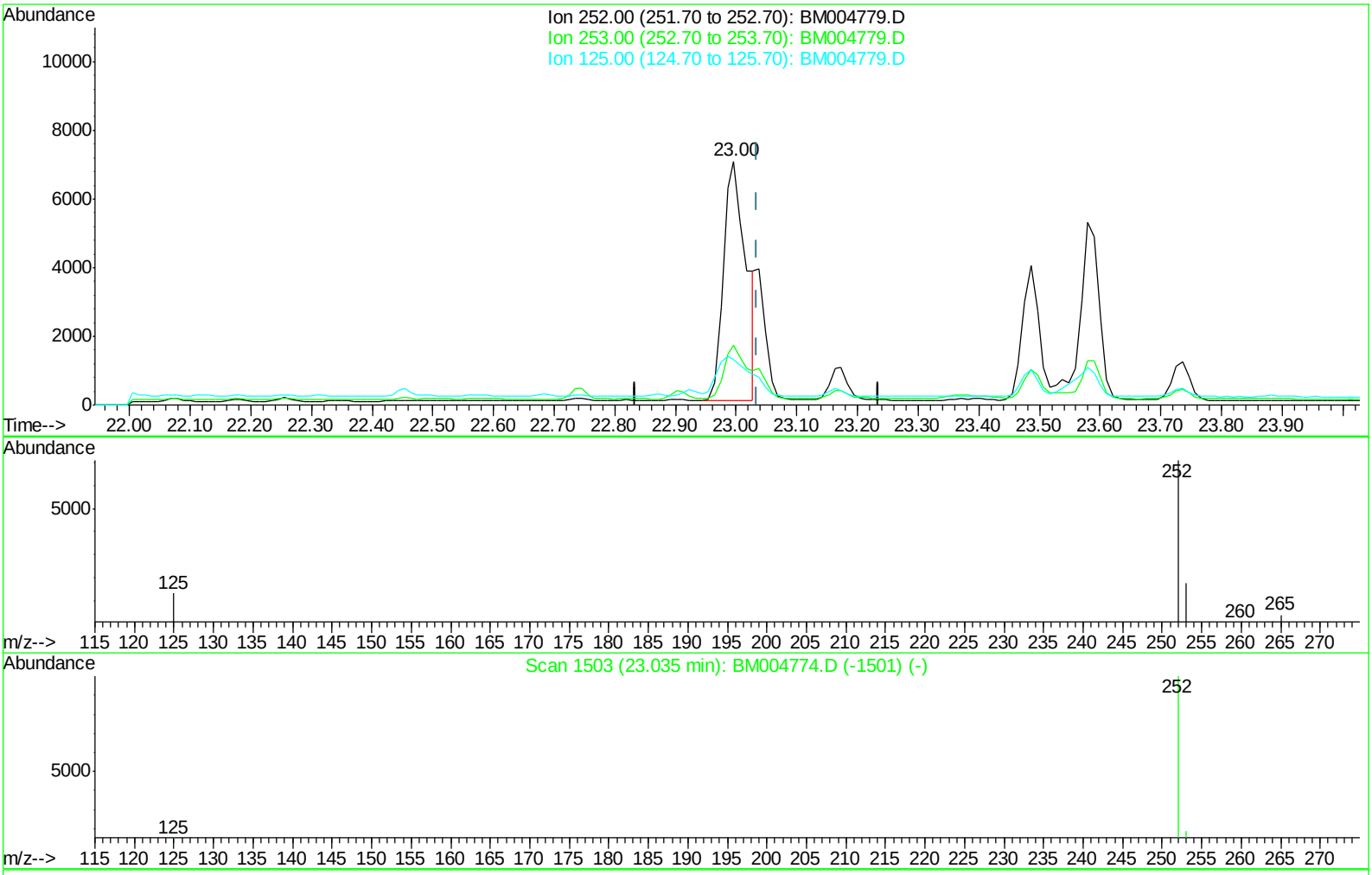
response 16035

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.78
125.00	14.40	18.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

(24) Benzo(k)fluoranthene

22.996min (-0.039) 1.41ng/ul

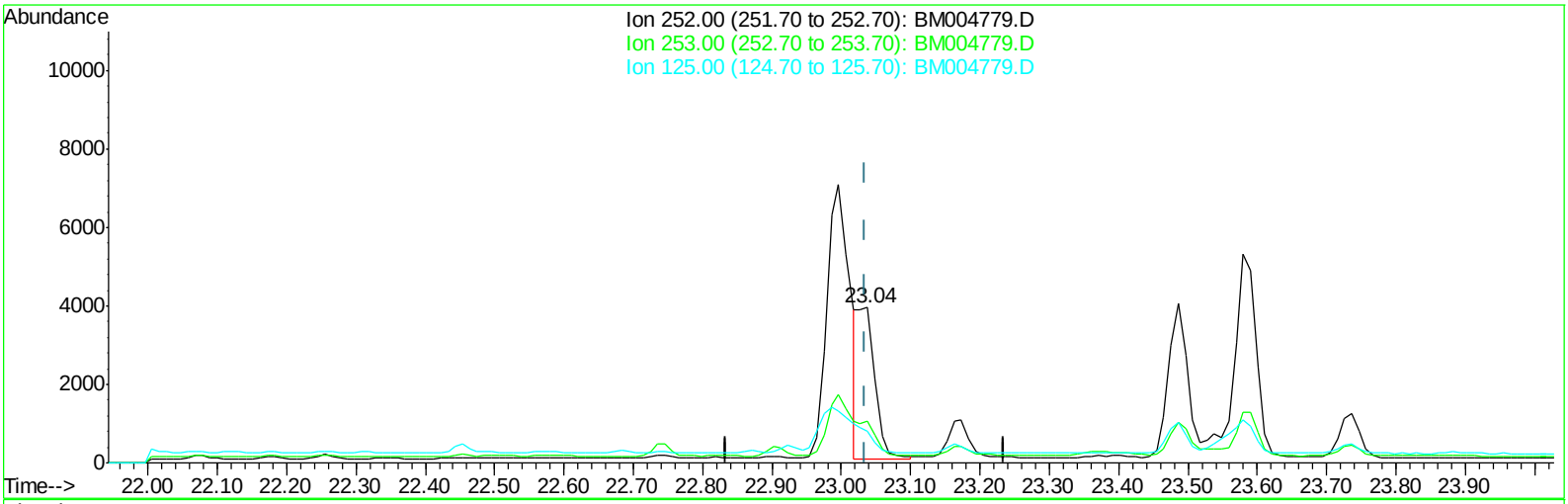
response 18242

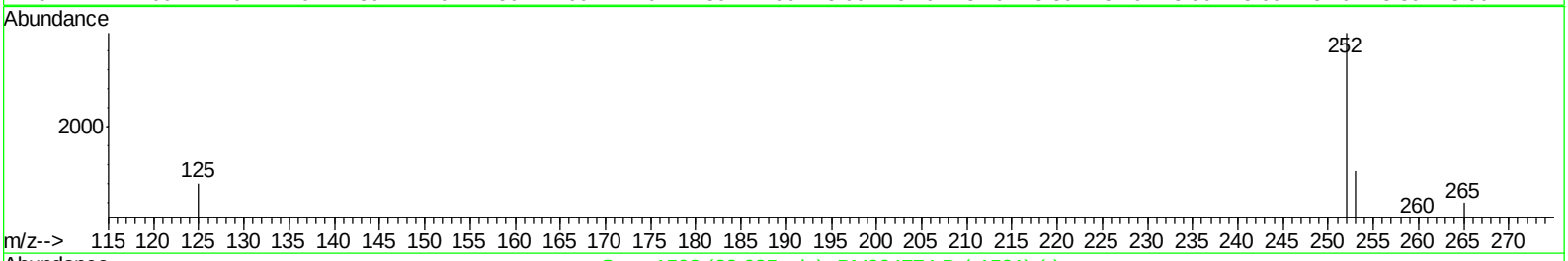
Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.78
125.00	13.00	18.48#
0.00	0.00	0.00

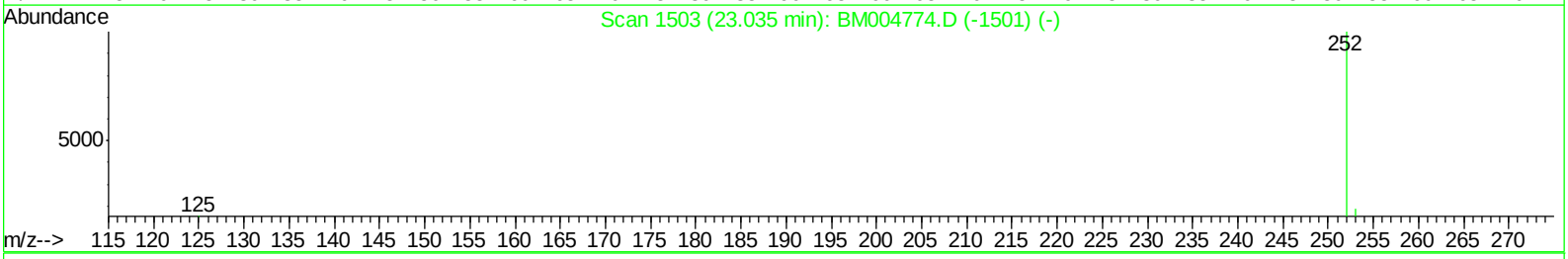
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

(24) Benzo(k)fluoranthene

23.038min (+0.003) 0.51ng/ul m

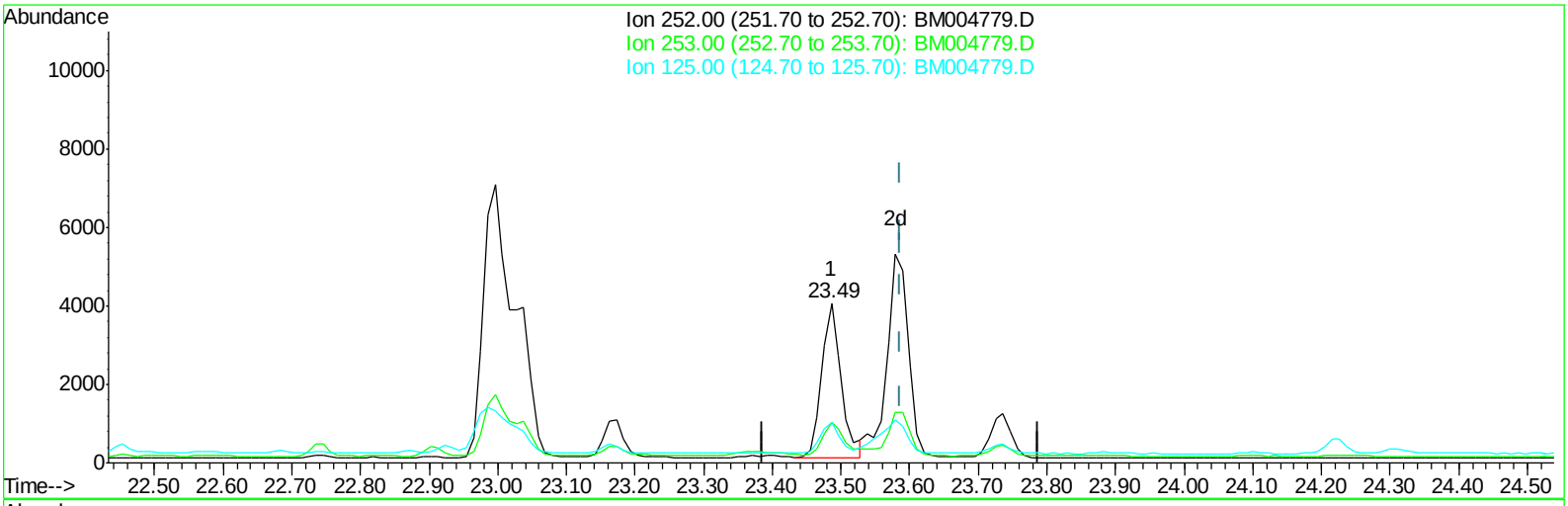
response 6590

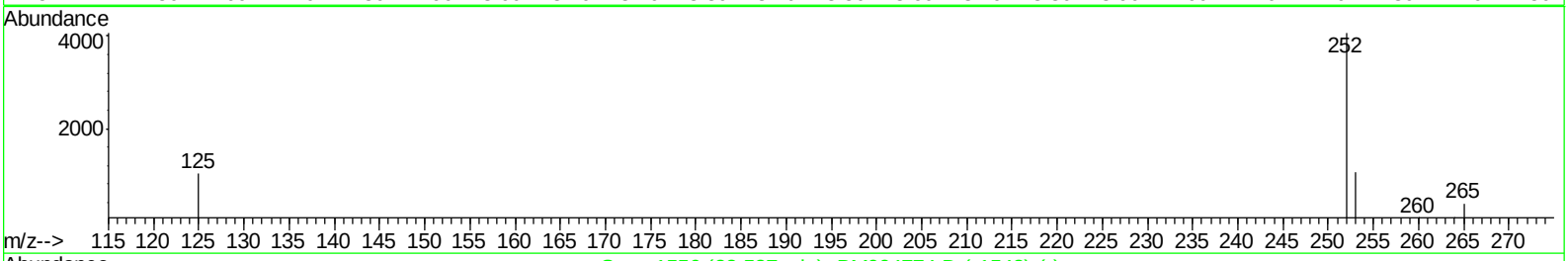
Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.97
125.00	13.00	20.34#
0.00	0.00	0.00

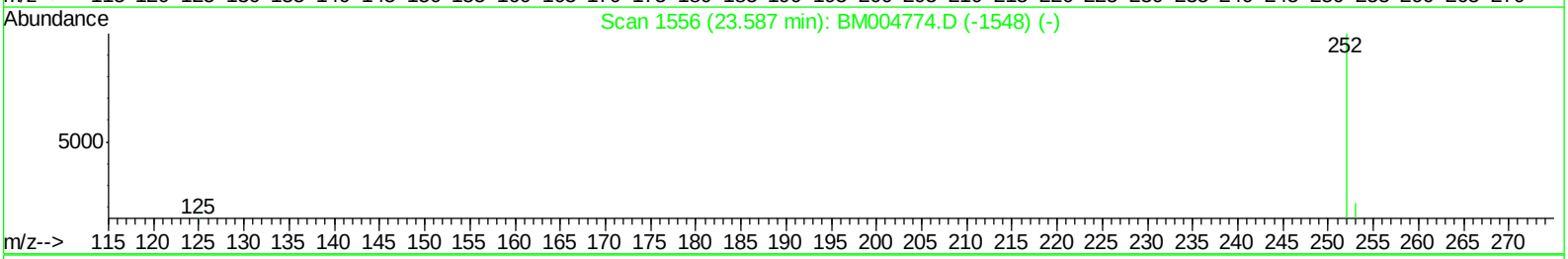
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

(25) Benzo(a)pyrene (C)

23.486min (-0.101) 0.61ng/ul

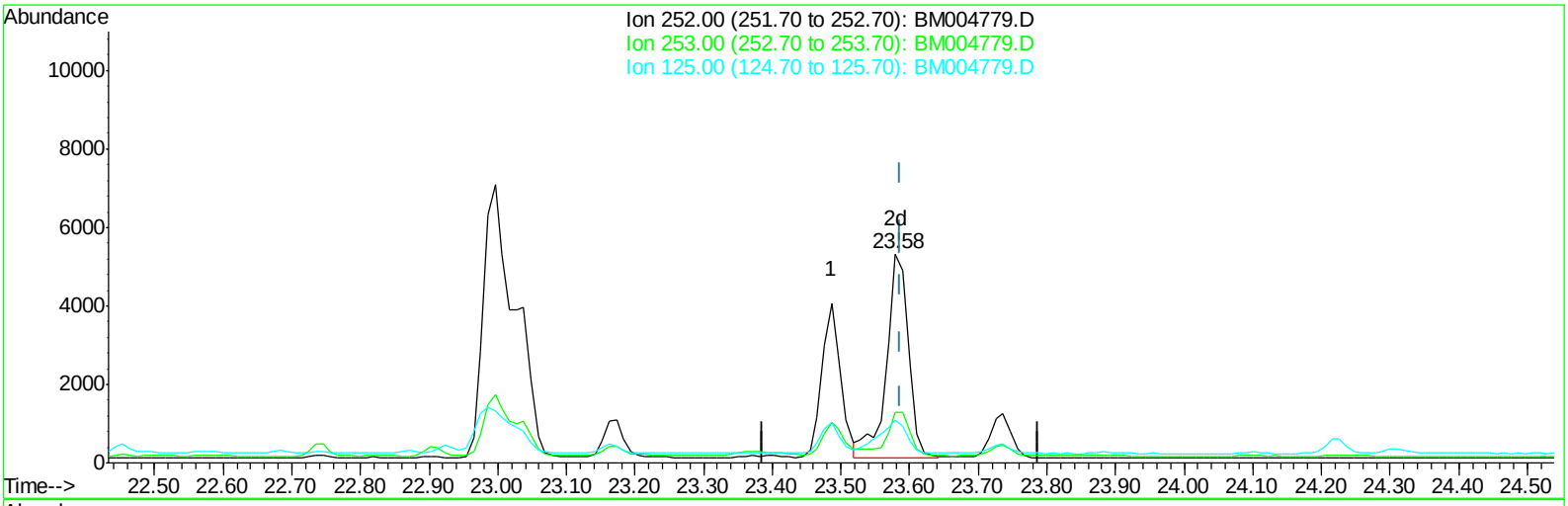
response 7748

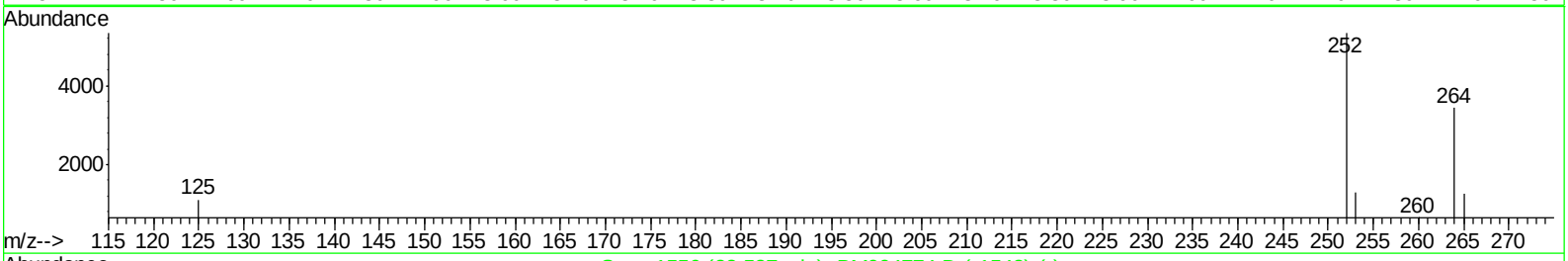
Ion	Exp%	Act%
252.00	100	100
253.00	24.30	25.76
125.00	15.90	25.07#
0.00	0.00	0.00

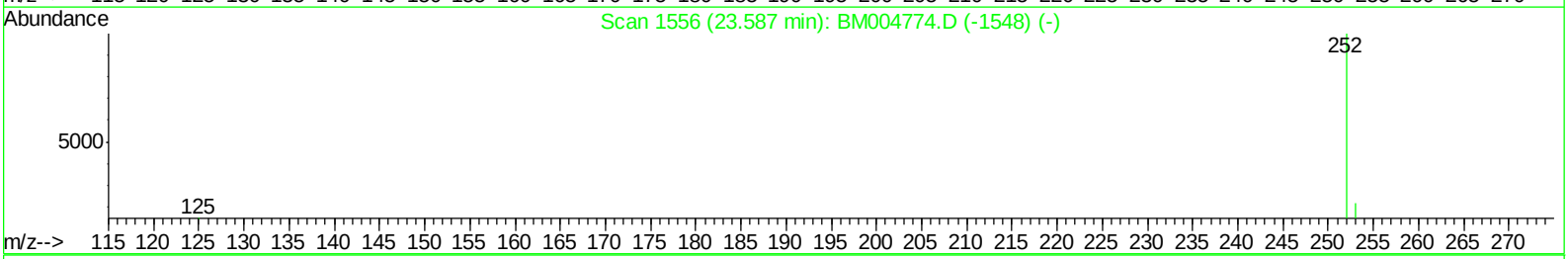
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

(25) Benzo(a)pyrene (C)

23.580min (-0.008) 0.91ng/ul m

response 11618

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.13
125.00	15.90	20.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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
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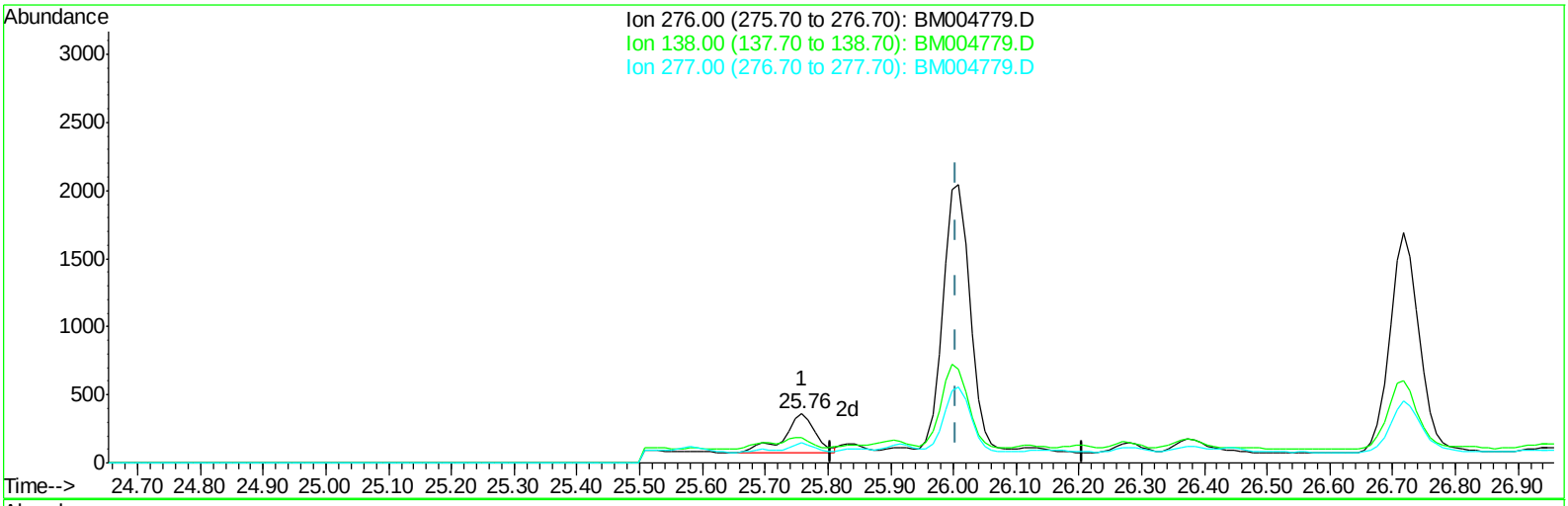
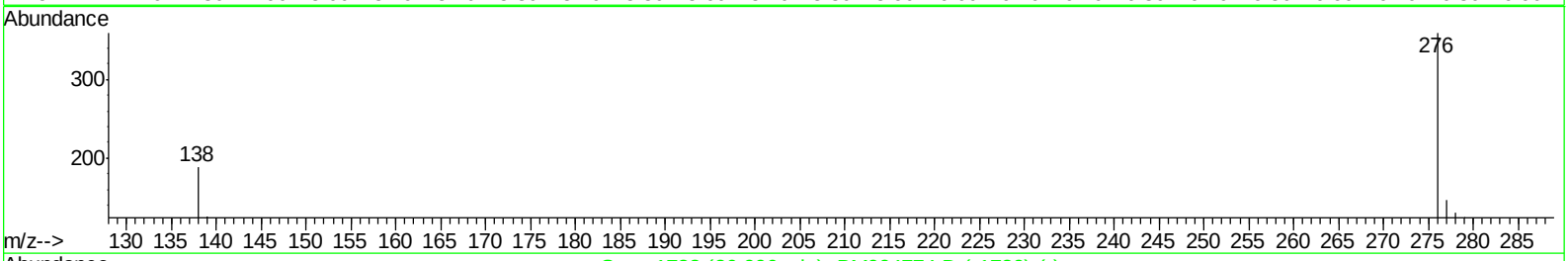
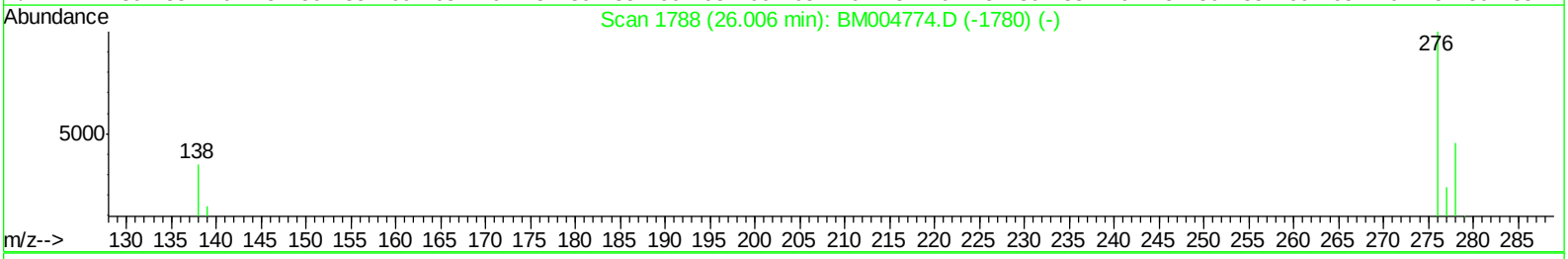






TIC: BM004779.D

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

25.758min (-0.247) 0.08ng/ul

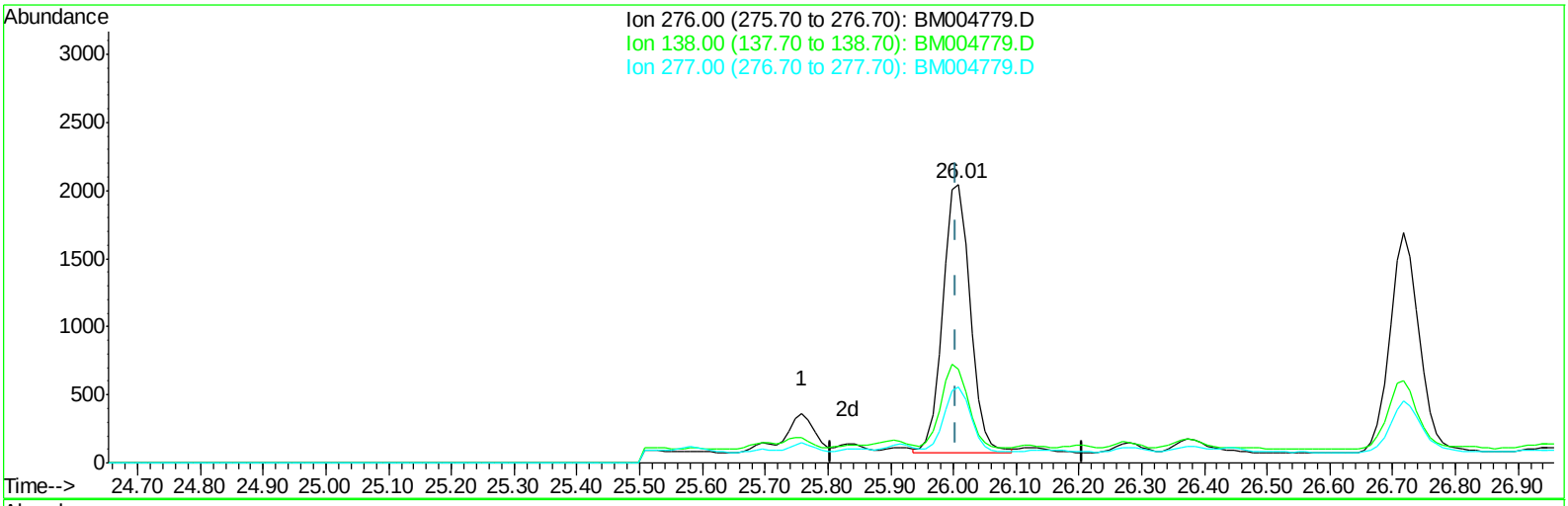
response 986

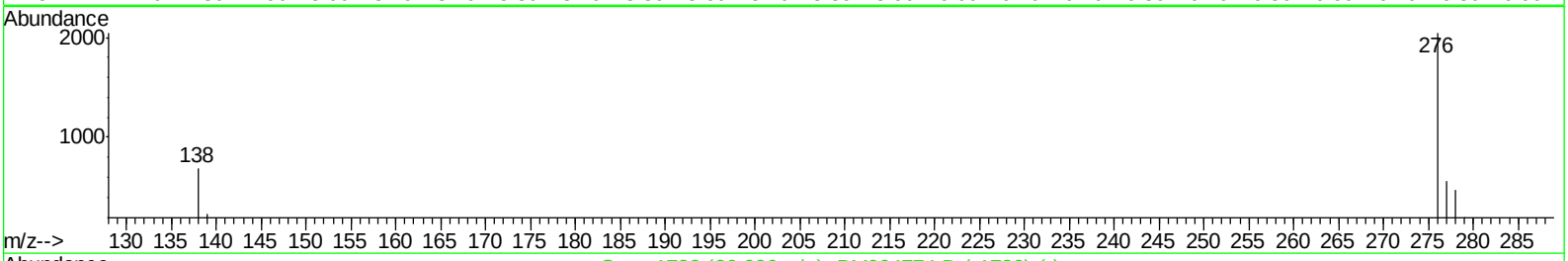
Ion	Exp%	Act%
276.00	100	100
138.00	20.40	21.50
277.00	24.80	23.63
0.00	0.00	0.00

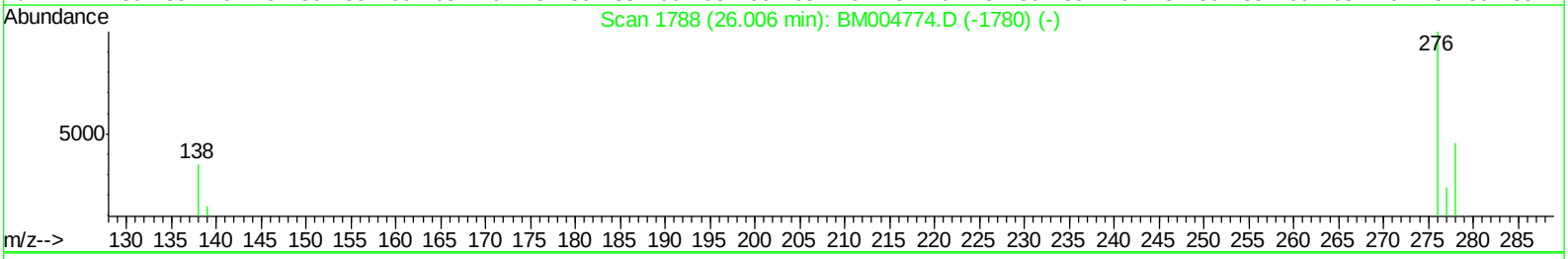
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

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

26.009min (+0.003) 0.51ng/ul m

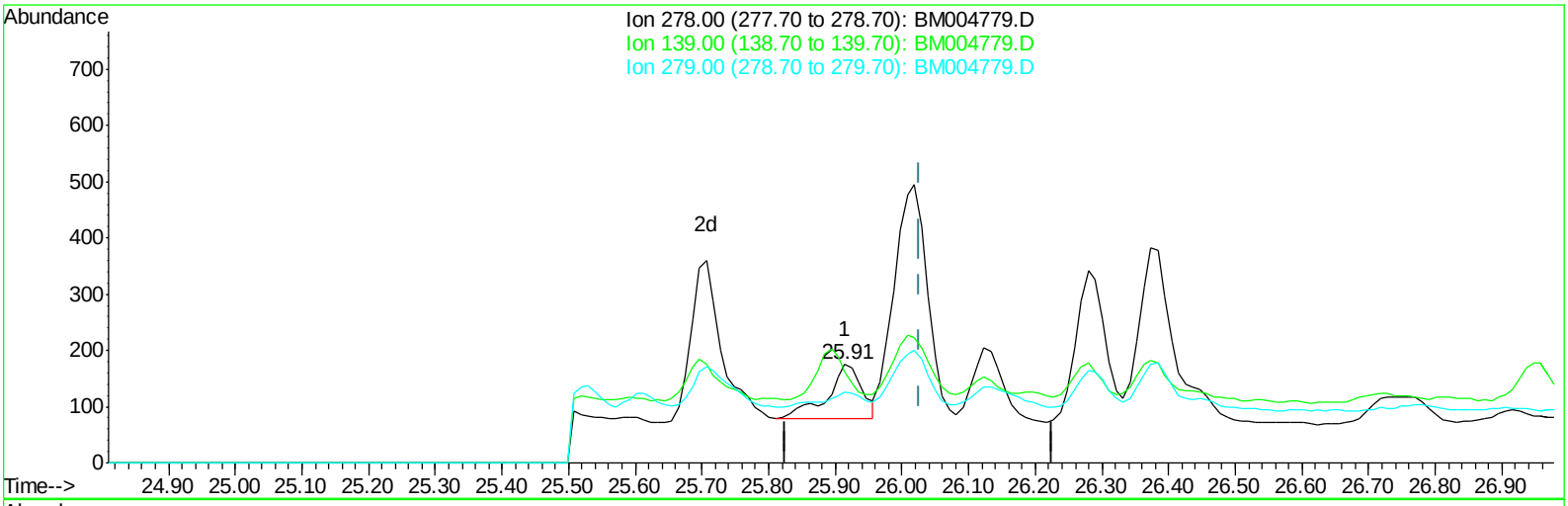
response 5956

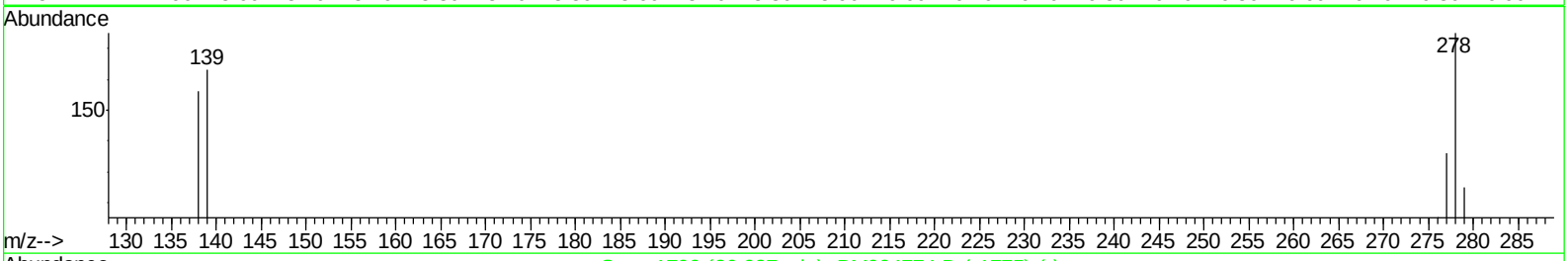
Ion	Exp%	Act%
276.00	100	100
138.00	20.40	3.56#
277.00	24.80	3.91#
0.00	0.00	0.00

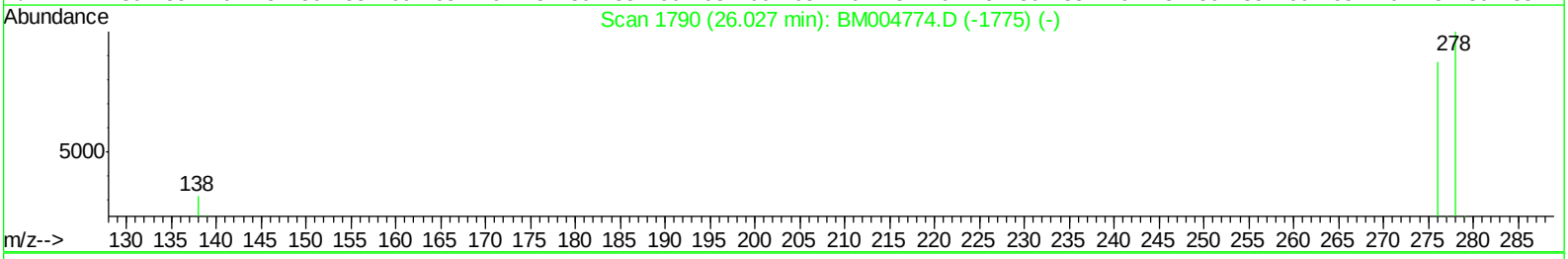
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

(27) Dibenzo(a,h)anthracene

25.915min (-0.112) 0.04ng/ul

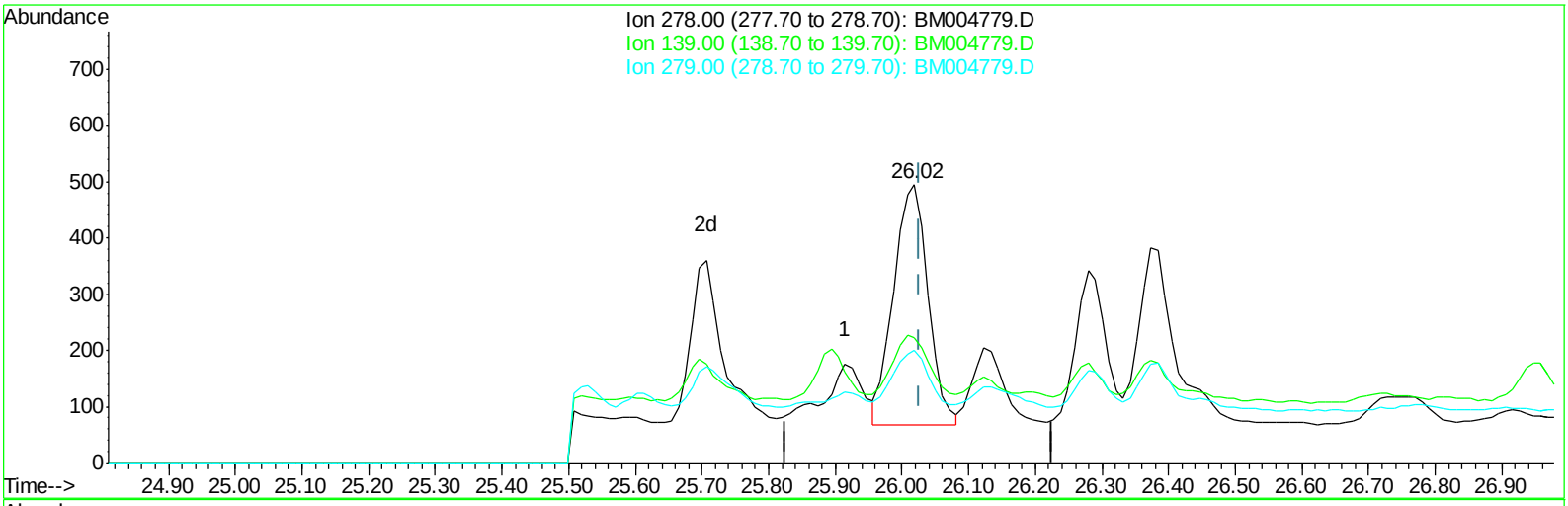
response 350

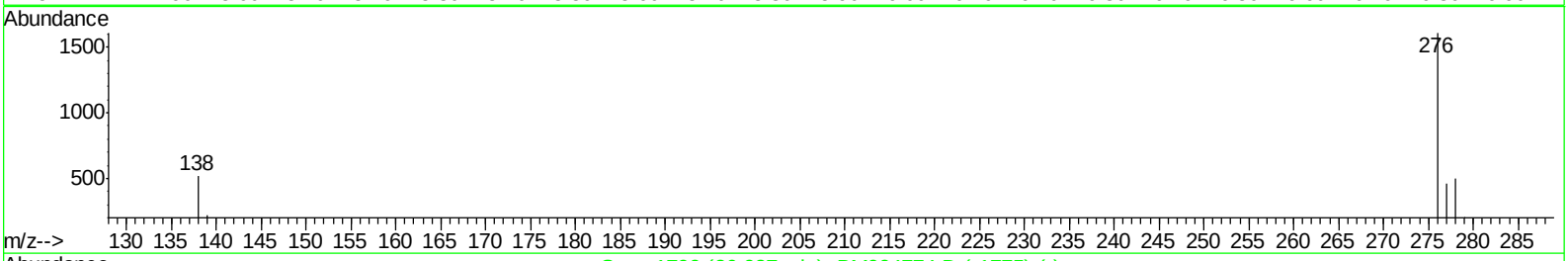
Ion	Exp%	Act%
278.00	100	100
139.00	20.50	93.14#
279.00	25.20	71.43#
0.00	0.00	0.00

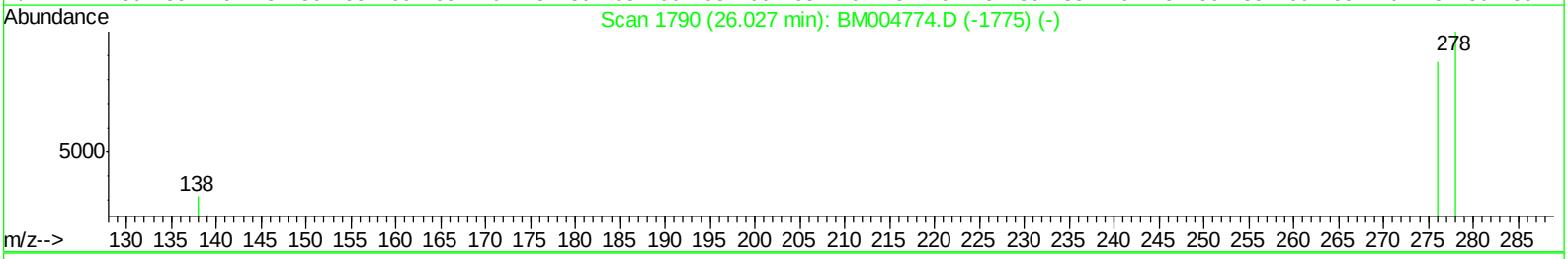
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

(27) Dibenzo(a,h)anthracene

26.019min (-0.008) 0.17ng/ul m

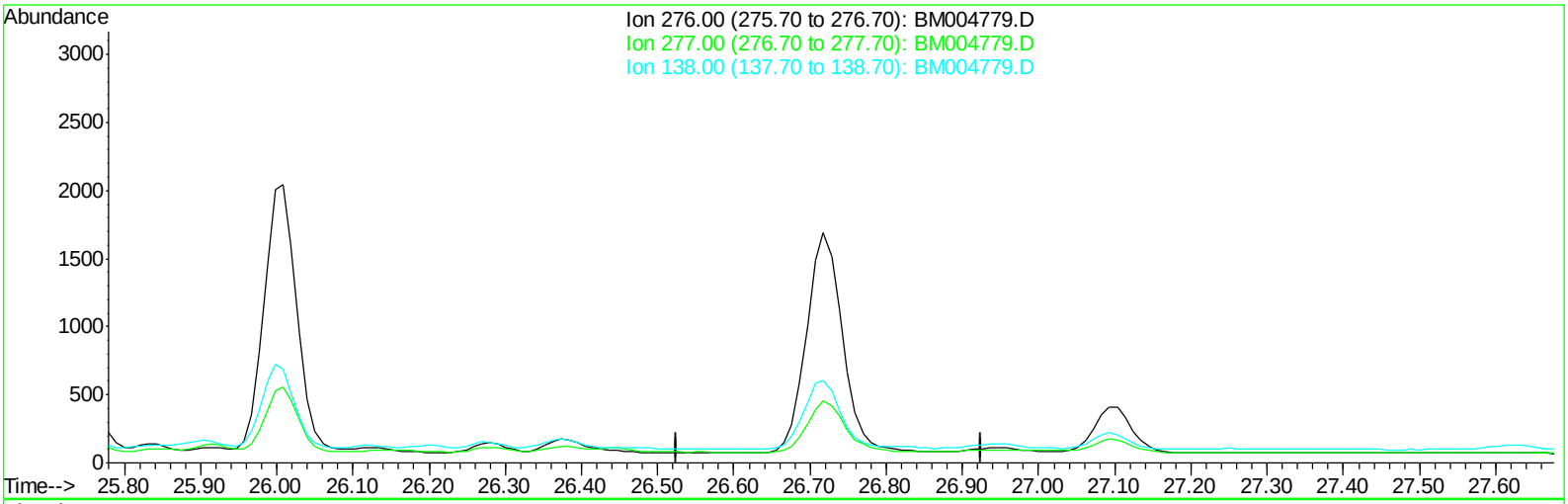
response 1533

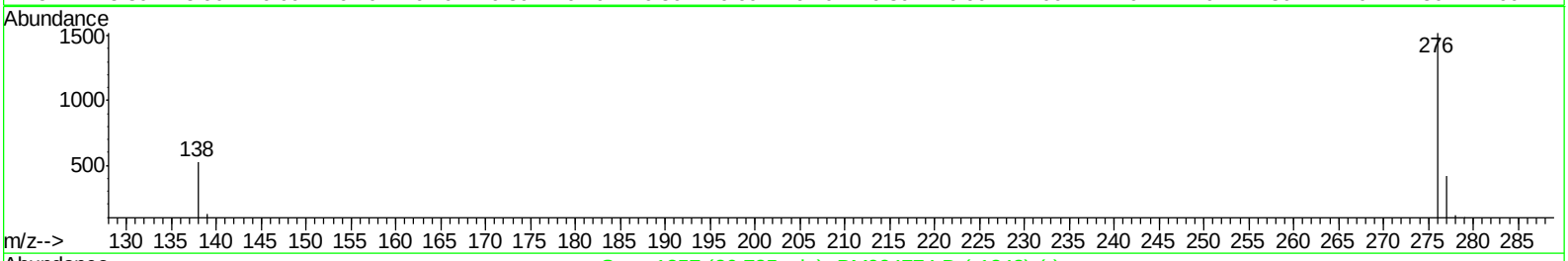
Ion	Exp%	Act%
278.00	100	100
139.00	20.50	44.85#
279.00	25.20	40.40#
0.00	0.00	0.00

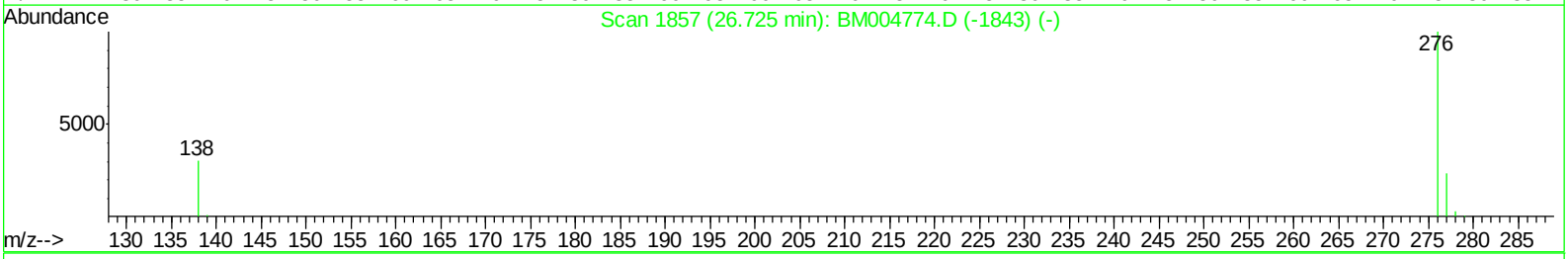
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

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

26.725min (-26.725) 0.00ng/ul

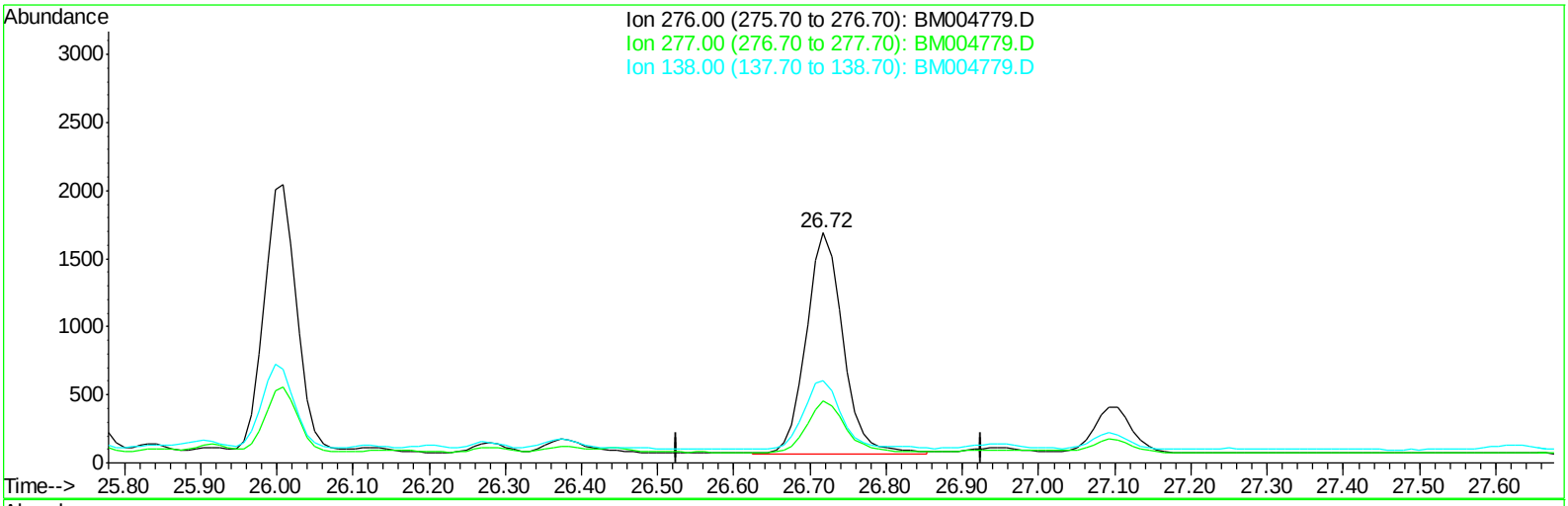
response 0

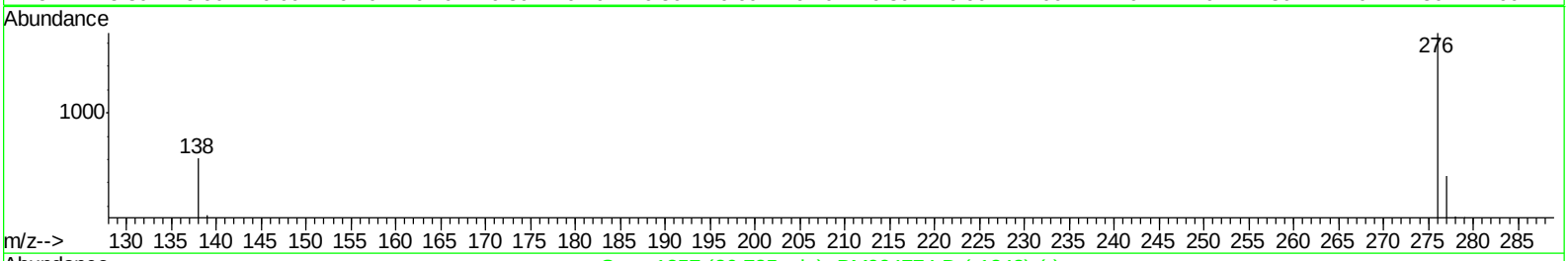
Ion	Exp%	Act%
276.00	100	0.00
277.00	23.60	0.00#
138.00	28.10	0.00#
0.00	0.00	0.00

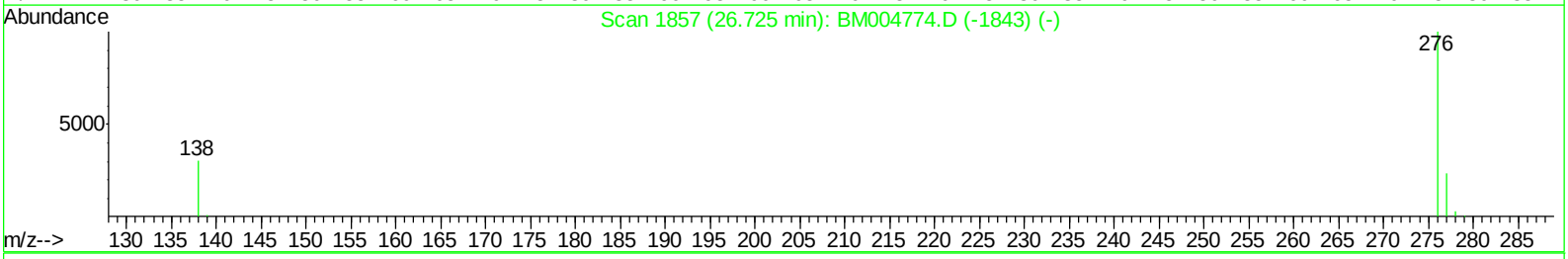
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:48:14 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: BM004779.D

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

26.717min (-0.008) 0.55ng/ul m

response 5402

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	27.09
138.00	28.10	36.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 18:51:04 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	1086	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4975	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3040	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6707m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	6021	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	4131m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4999	10.21	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2199	0.32	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	4829	0.30	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	1489	0.12	ng/ul#	84
7) 2-Methylnaphthalene	12.28	142	285	0.03	ng/ul	95
9) Acenaphthylene	14.18	152	1276	0.09	ng/ul#	91
10) Acenaphthene	14.52	153	324	0.03	ng/ul#	80
11) Fluorene	15.51	166	568	0.05	ng/ul#	82
13) Pentachlorophenol	16.87	266	72	0.04	ng/ul	94
14) Phenanthrene	17.24	178	10258	0.54	ng/ul	95
15) Anthracene	17.33	178	2361	0.13	ng/ul#	90
17) Fluoranthene	19.27	202	28899	1.35	ng/ul	92
19) Pyrene	19.63	202	26398	1.28	ng/ul#	93
20) Benzo(a)anthracene	21.37	228	11866	0.64	ng/ul#	90
21) Chrysene	21.42	228	14415m	0.81	ng/ul	
23) Benzo(b)fluoranthene	23.00	252	16035m	1.15	ng/ul	
24) Benzo(k)fluoranthene	23.04	252	6590m	0.51	ng/ul	
25) Benzo(a)pyrene	23.58	252	11618m	0.91	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	5956m	0.51	ng/ul	
27) Dibenzo(a,h)anthracene	26.02	278	1533m	0.17	ng/ul	
28) Benzo(g,h,i)perylene	26.72	276	5402m	0.55	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 : BM004779.D
Acq On : 25 Mar 2016 16:03
Operator : UM/SJ
Sample : H1909-01
Misc :
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