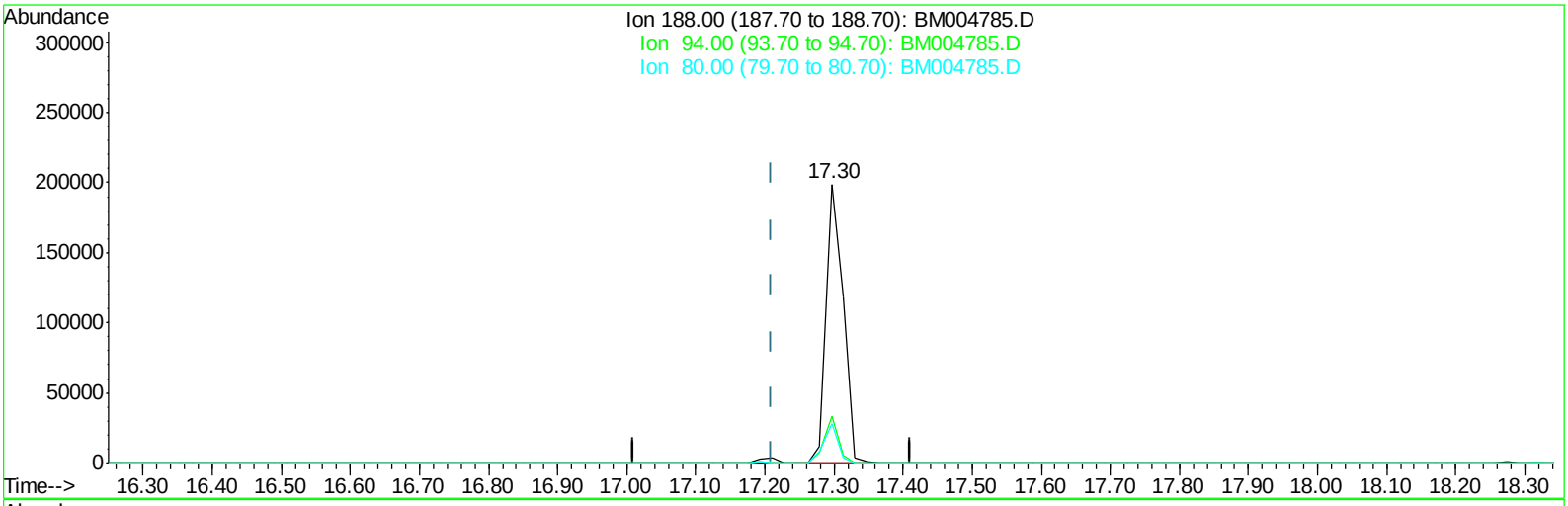
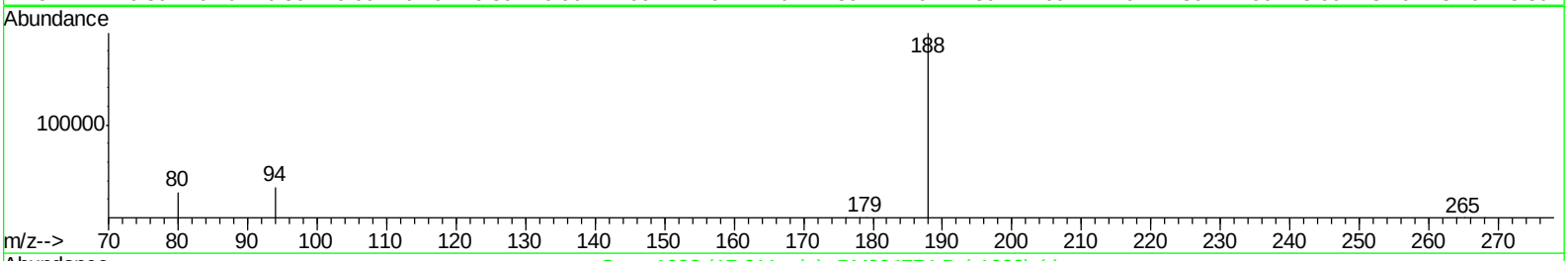
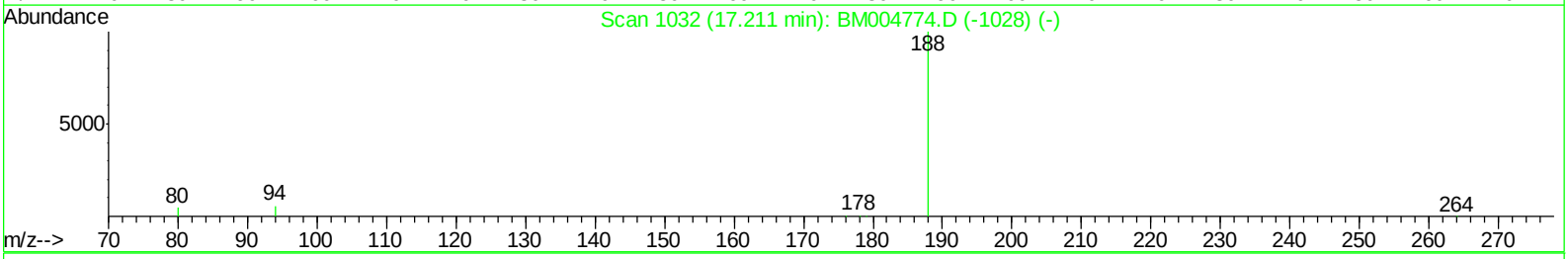
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:17:57 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: BM004785.D

(12) Phenanthrene-d10 (I)

17.296min (+0.085) 0.40ng/ul

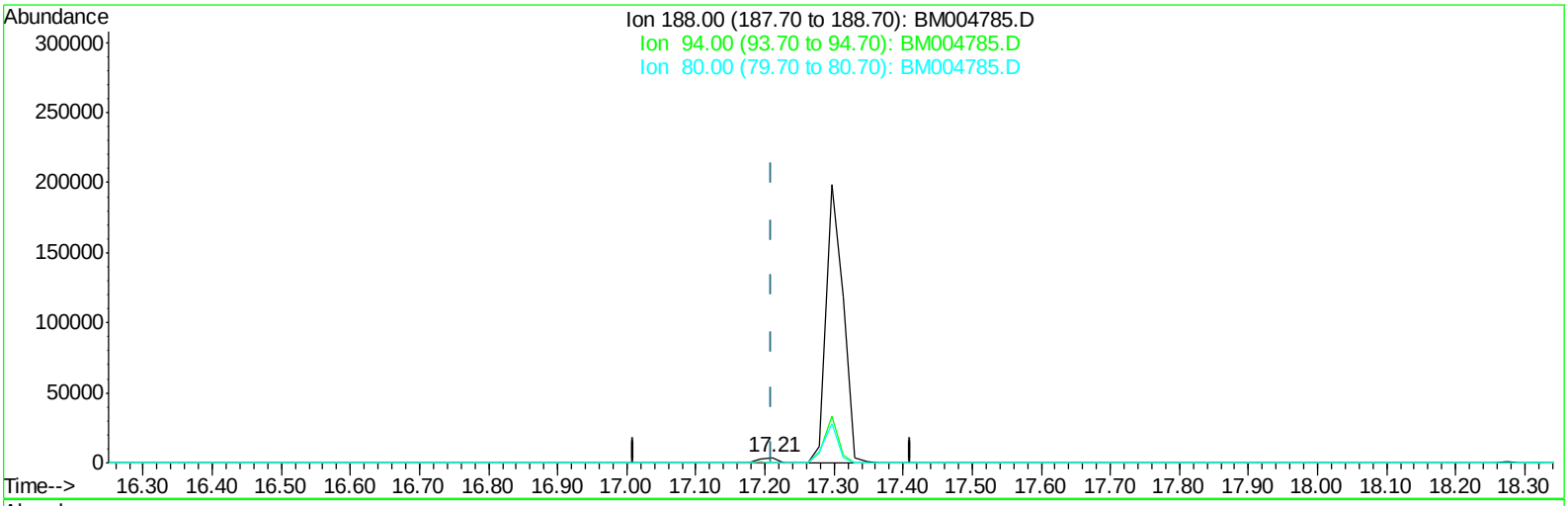
response 341456

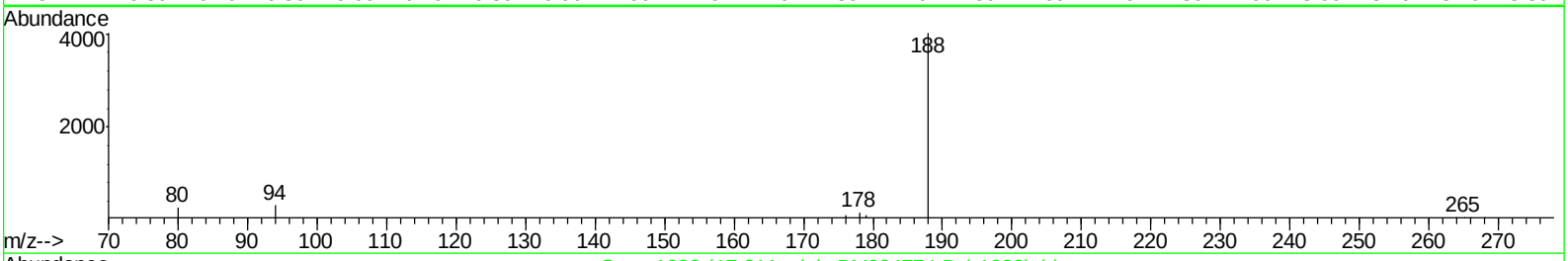
Ion	Exp%	Act%
188.00	100	100
94.00	11.70	16.74#
80.00	11.90	13.91
0.00	0.00	0.00

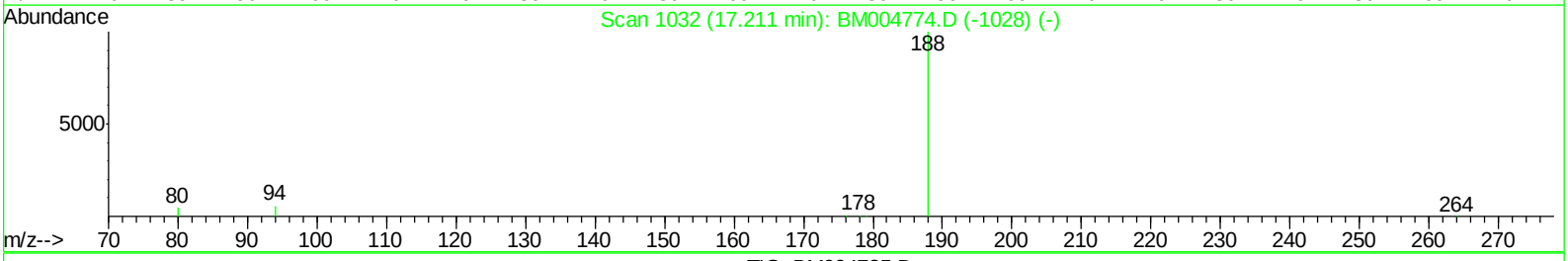
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:17:57 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: BM004785.D

(12) Phenanthrene-d10 (I)

17.210min (-0.001) 0.40ng/ul m

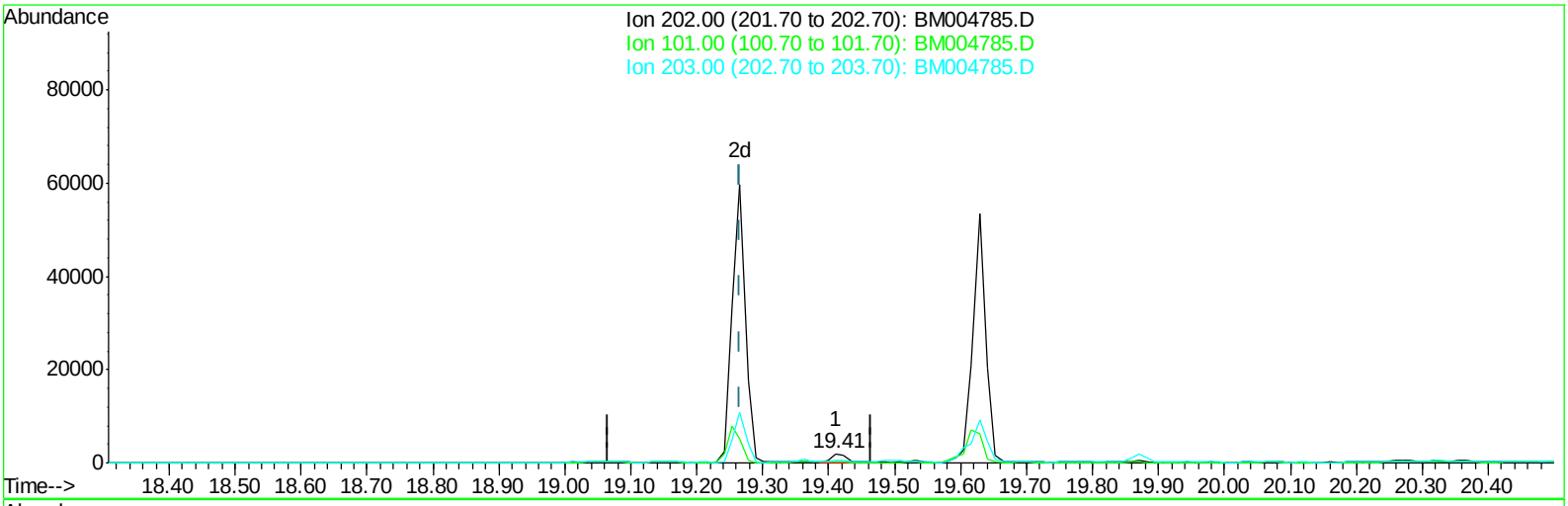
response 7800

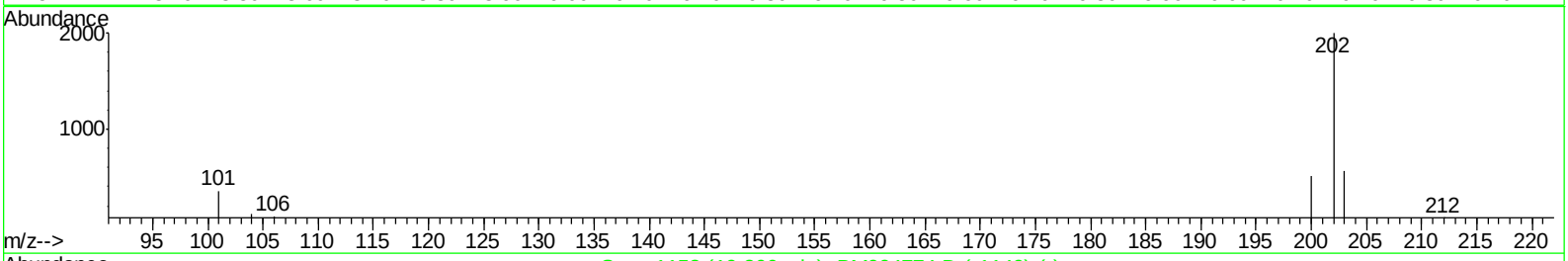
Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.71#
80.00	11.90	6.82#
0.00	0.00	0.00

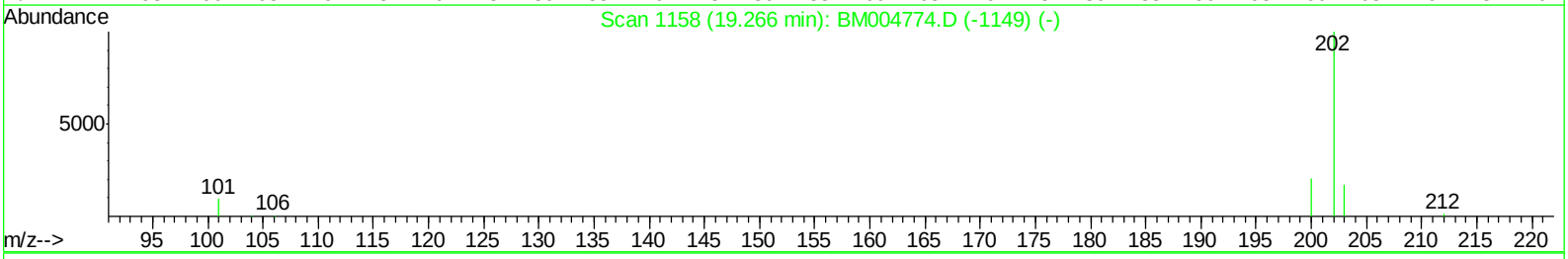
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:19:00 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: BM004785.D

(17) Fluoranthene (C)

19.411min (+0.145) 0.12ng/ul

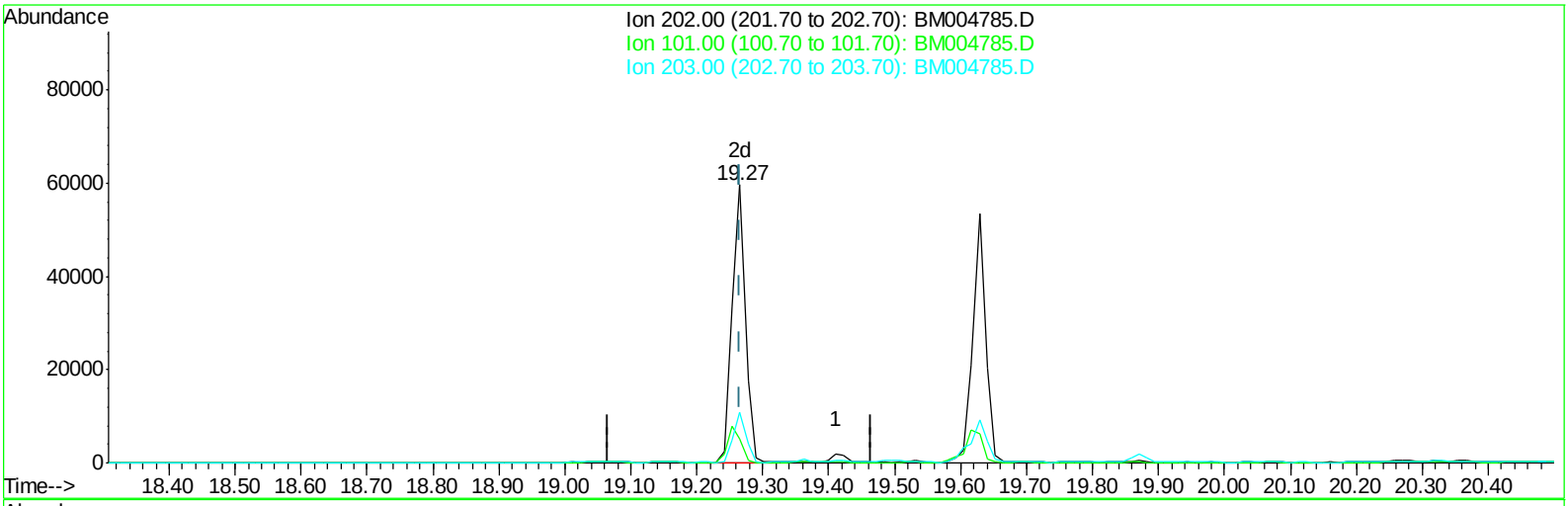
response 2885

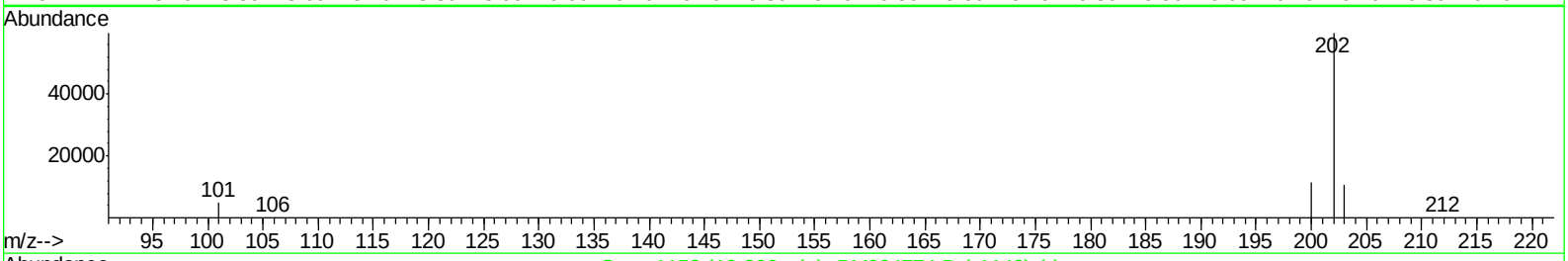
Ion	Exp%	Act%
202.00	100	100
101.00	9.60	17.93
203.00	16.30	28.32
0.00	0.00	0.00

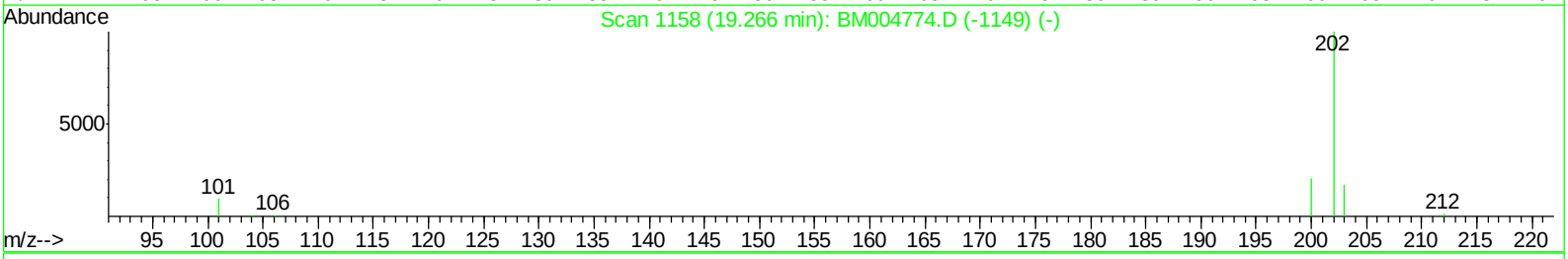
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:19:00 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: BM004785.D

(17) Fluoranthene (C)

19.266min (-0.001) 3.35ng/ul m

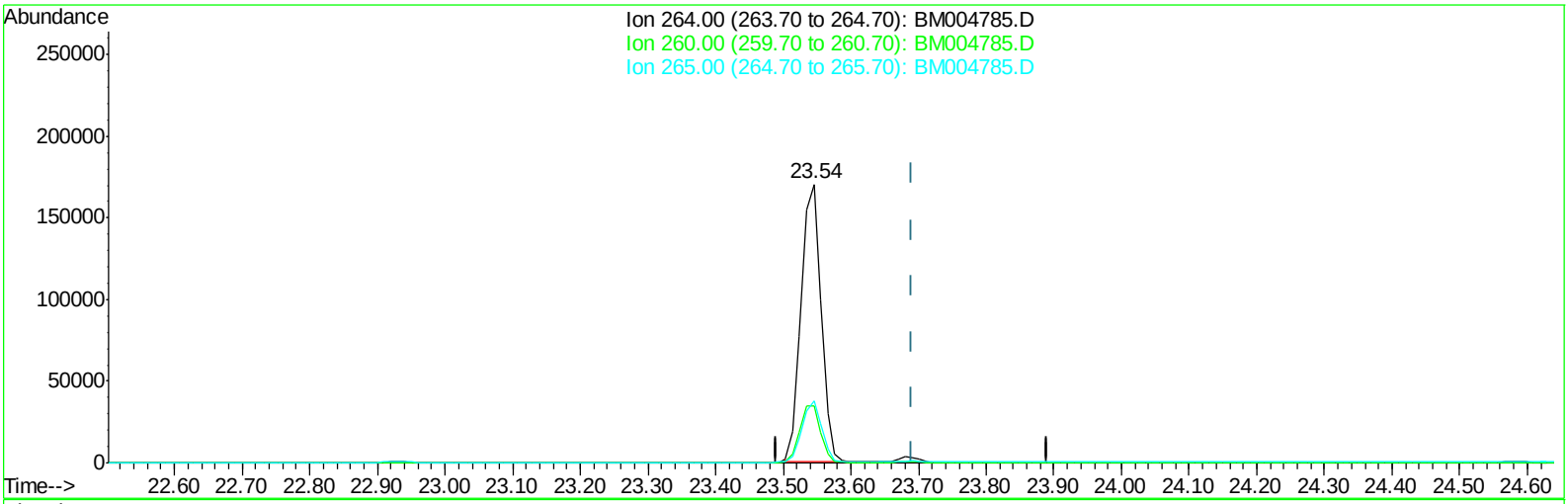
response 83624

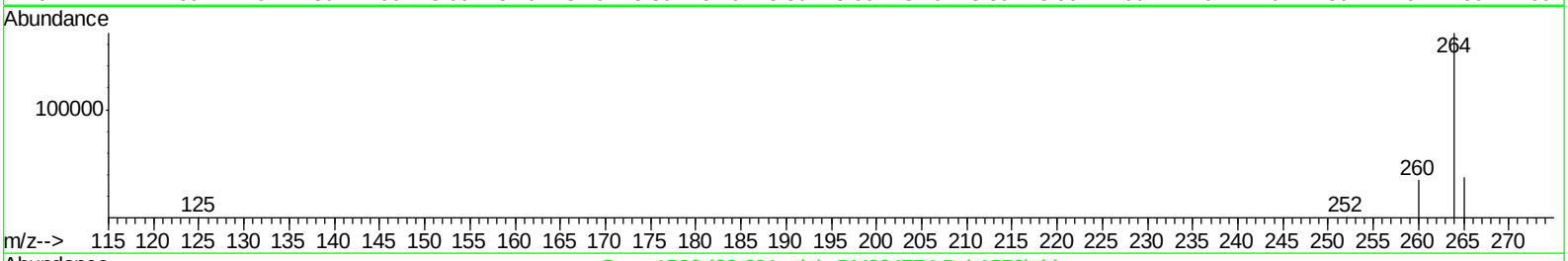
Ion	Exp%	Act%
202.00	100	100
101.00	9.60	8.50
203.00	16.30	18.17
0.00	0.00	0.00

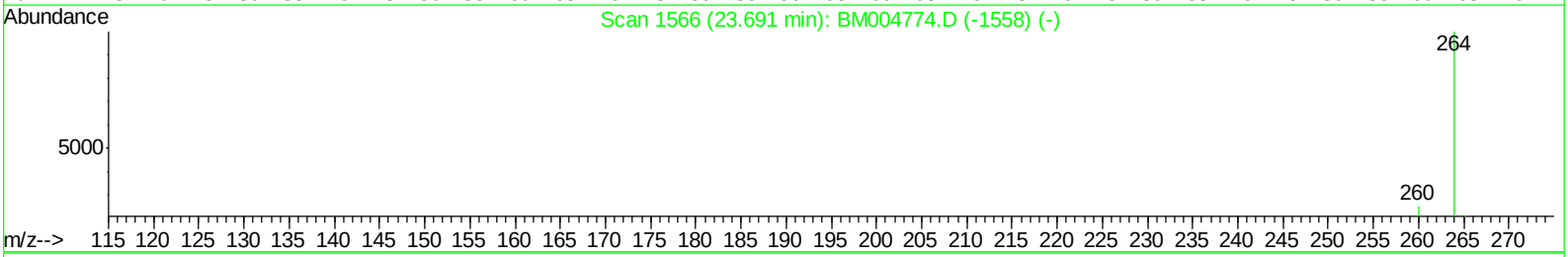
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:19:00 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: BM004785.D

(22) Perylene-d12 (I)

23.545min (-0.146) 0.40ng/ul

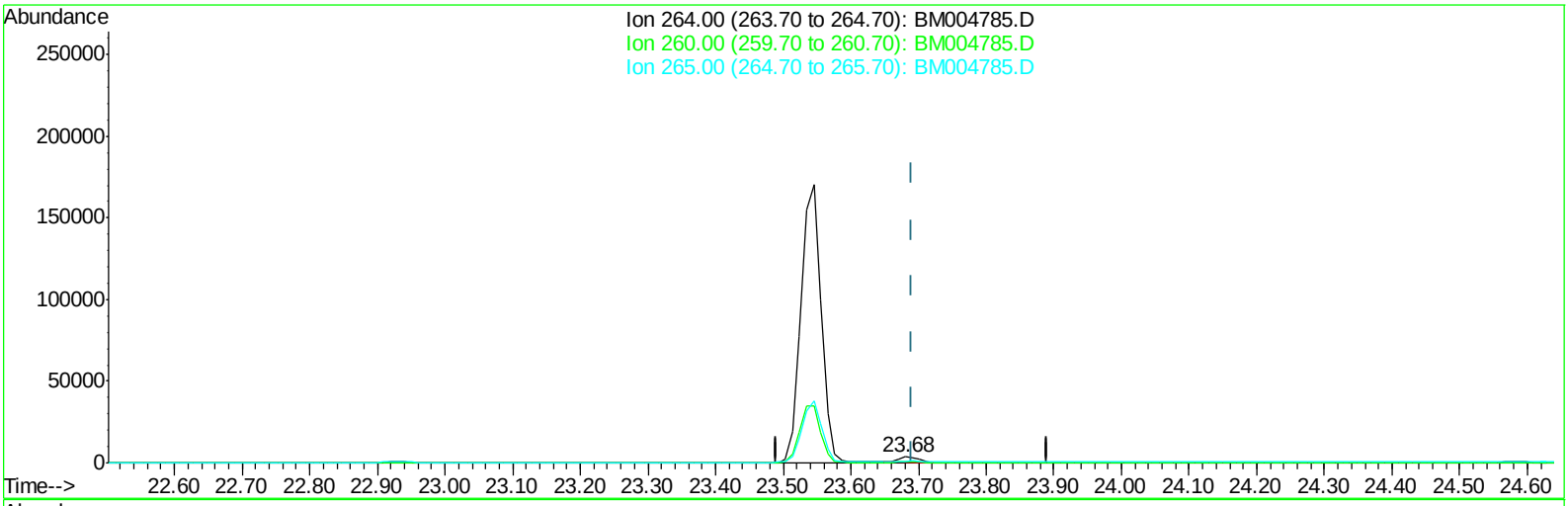
response 347929

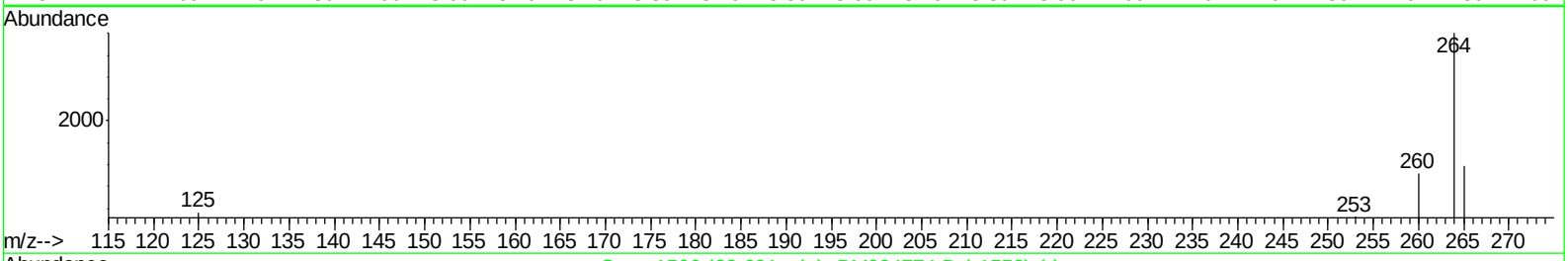
Ion	Exp%	Act%
264.00	100	100
260.00	25.60	20.56
265.00	38.20	22.27#
0.00	0.00	0.00

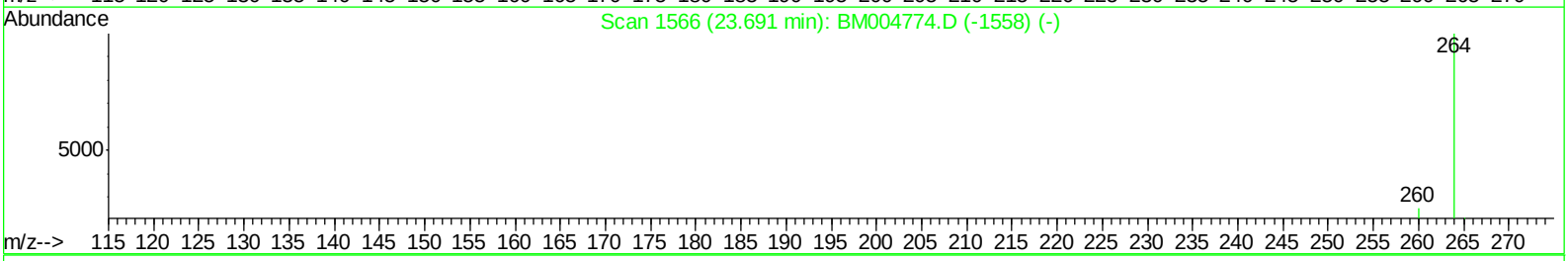
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:19:00 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: BM004785.D

(22) Perylene-d12 (I)

23.680min (-0.011) 0.40ng/ul m

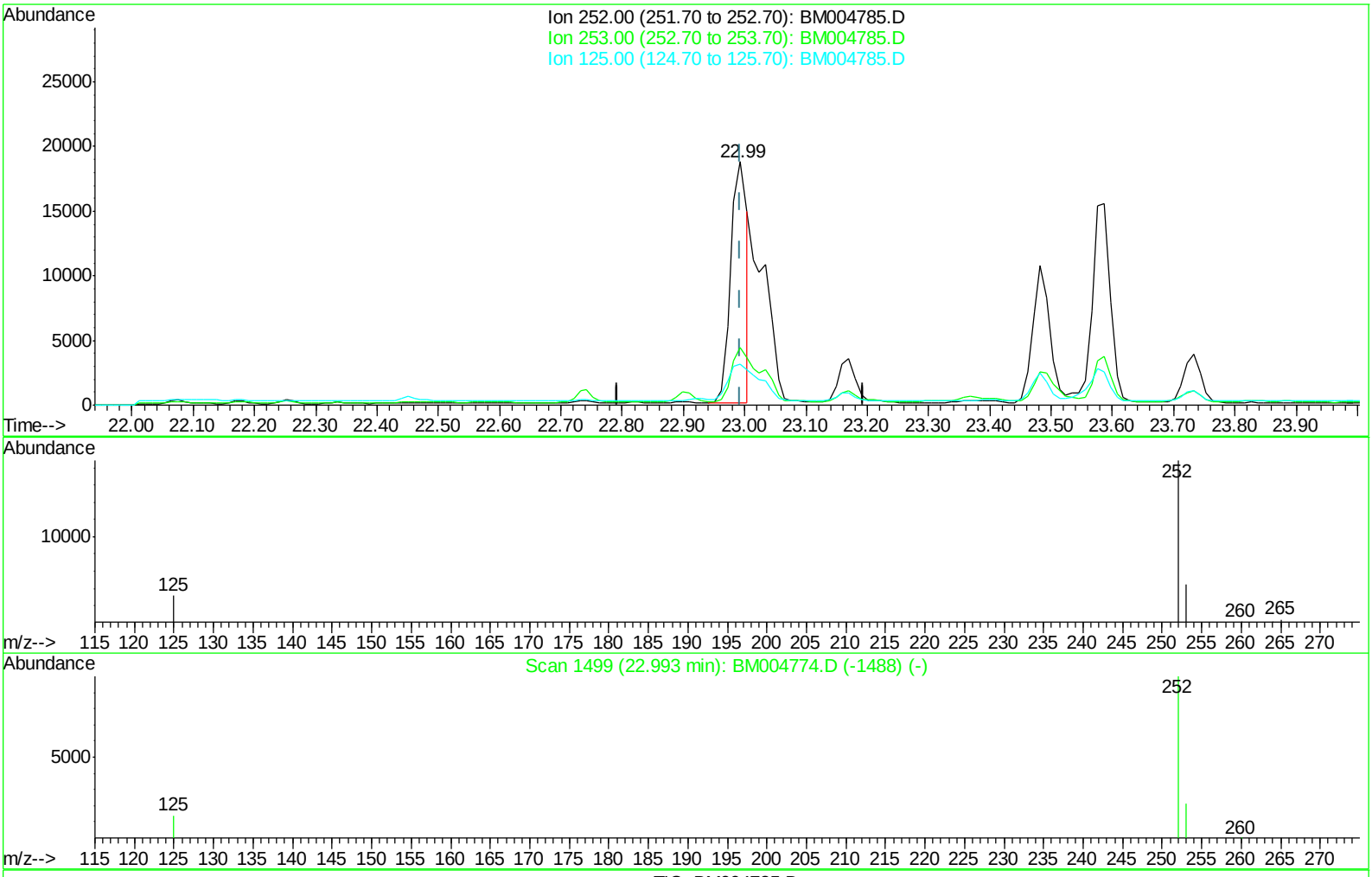
response 6580

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	28.69
265.00	38.20	32.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

(23) Benzo(b)fluoranthene

22.992min (-0.001) 1.58ng/ul

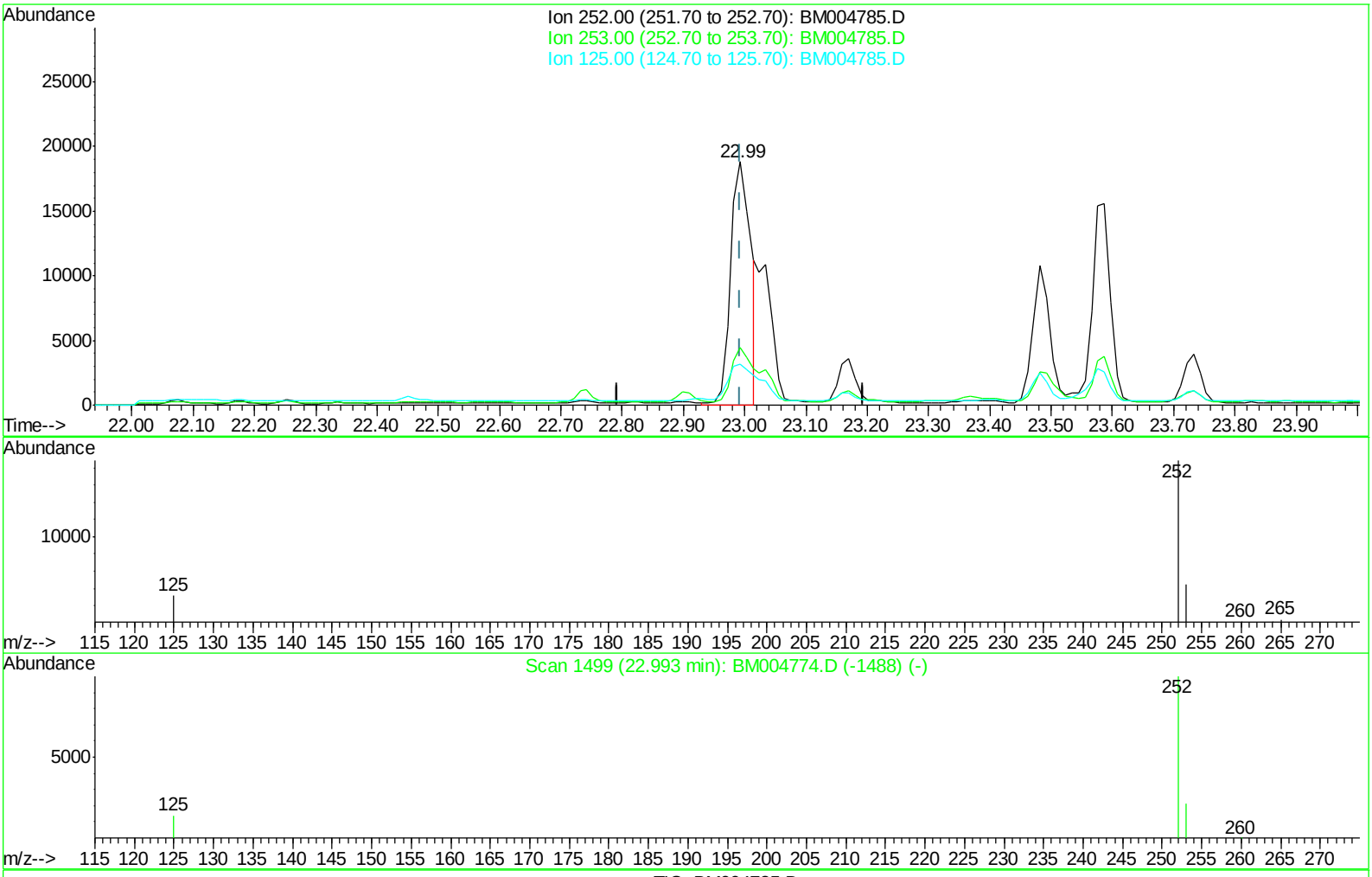
response 34958

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.44
125.00	14.40	16.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

(23) Benzo(b)fluoranthene

22.992min (-0.001) 1.93ng/ul m

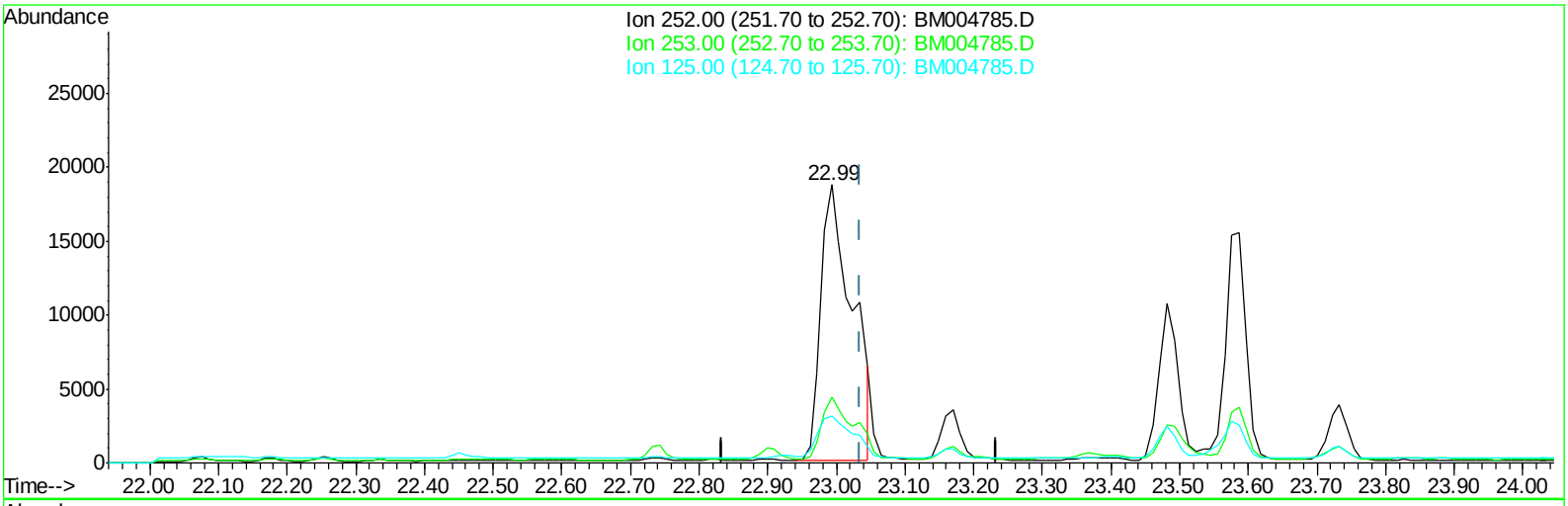
response 42727

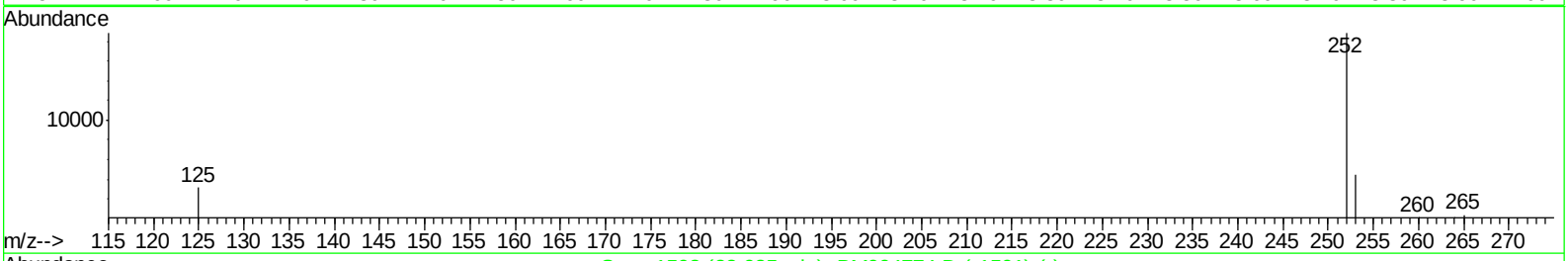
Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.44
125.00	14.40	16.66
0.00	0.00	0.00

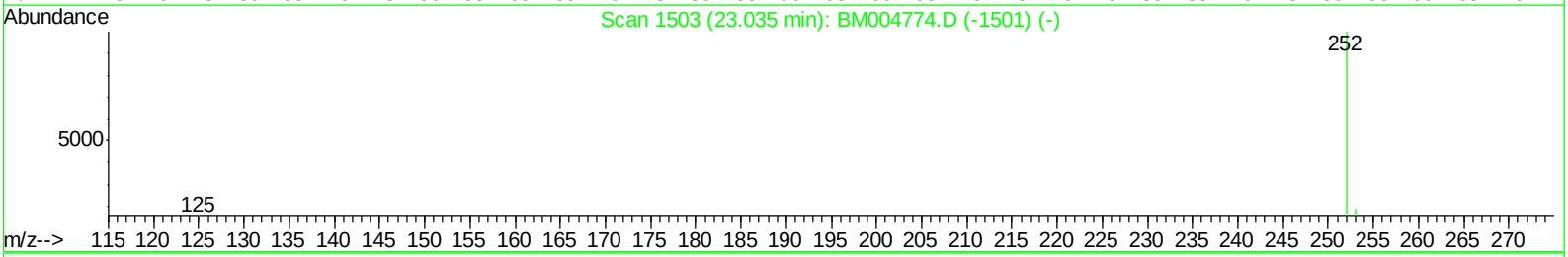
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

(24) Benzo(k)fluoranthene

22.992min (-0.042) 2.86ng/ul

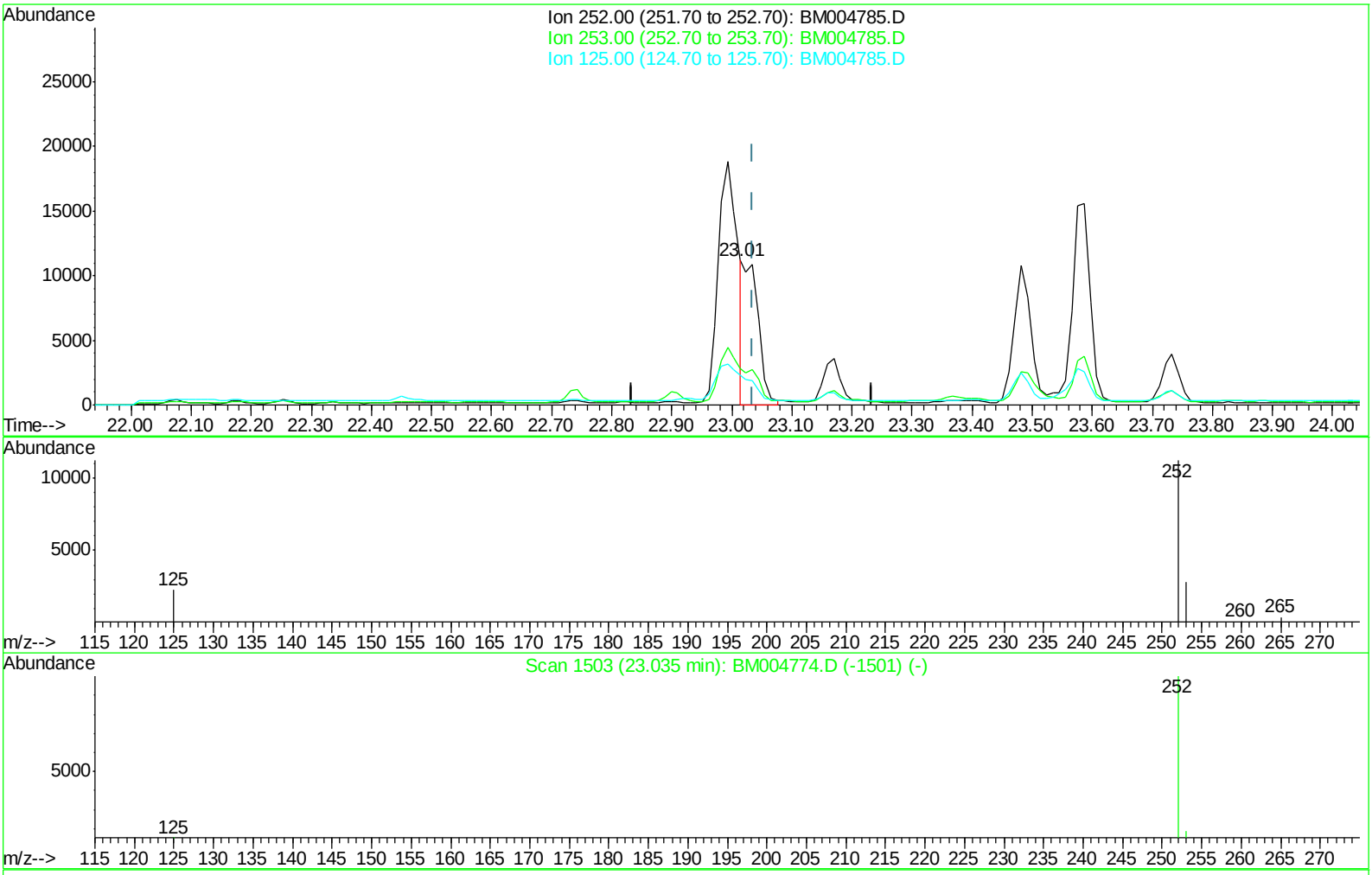
response 58831

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.44
125.00	13.00	16.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

(24) Benzo(k)fluoranthene

23.013min (-0.021) 0.93ng/ul m

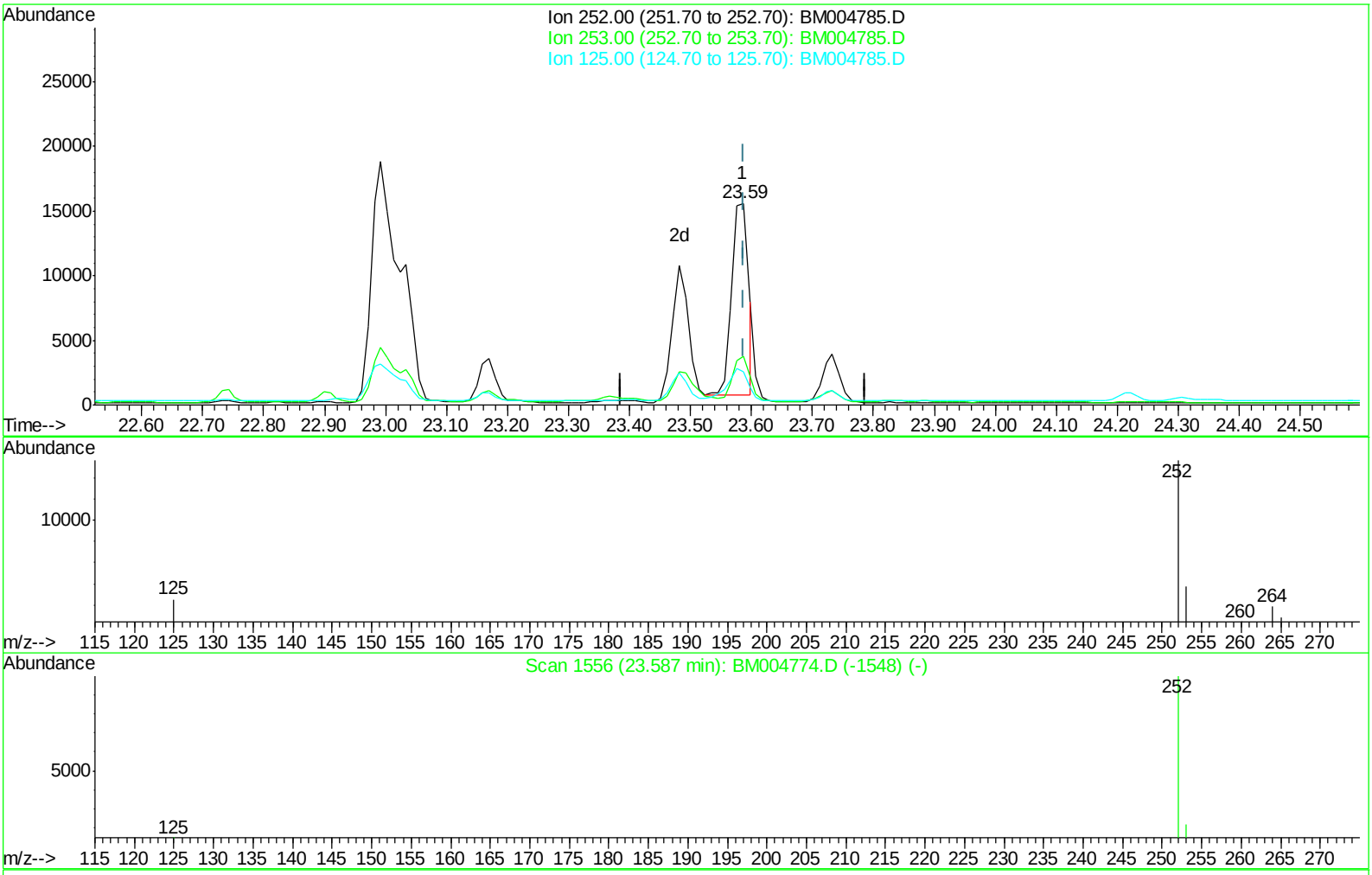
response 19128

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	25.19
125.00	13.00	20.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

(25) Benzo(a)pyrene (C)

23.587min (-0.001) 1.37ng/ul

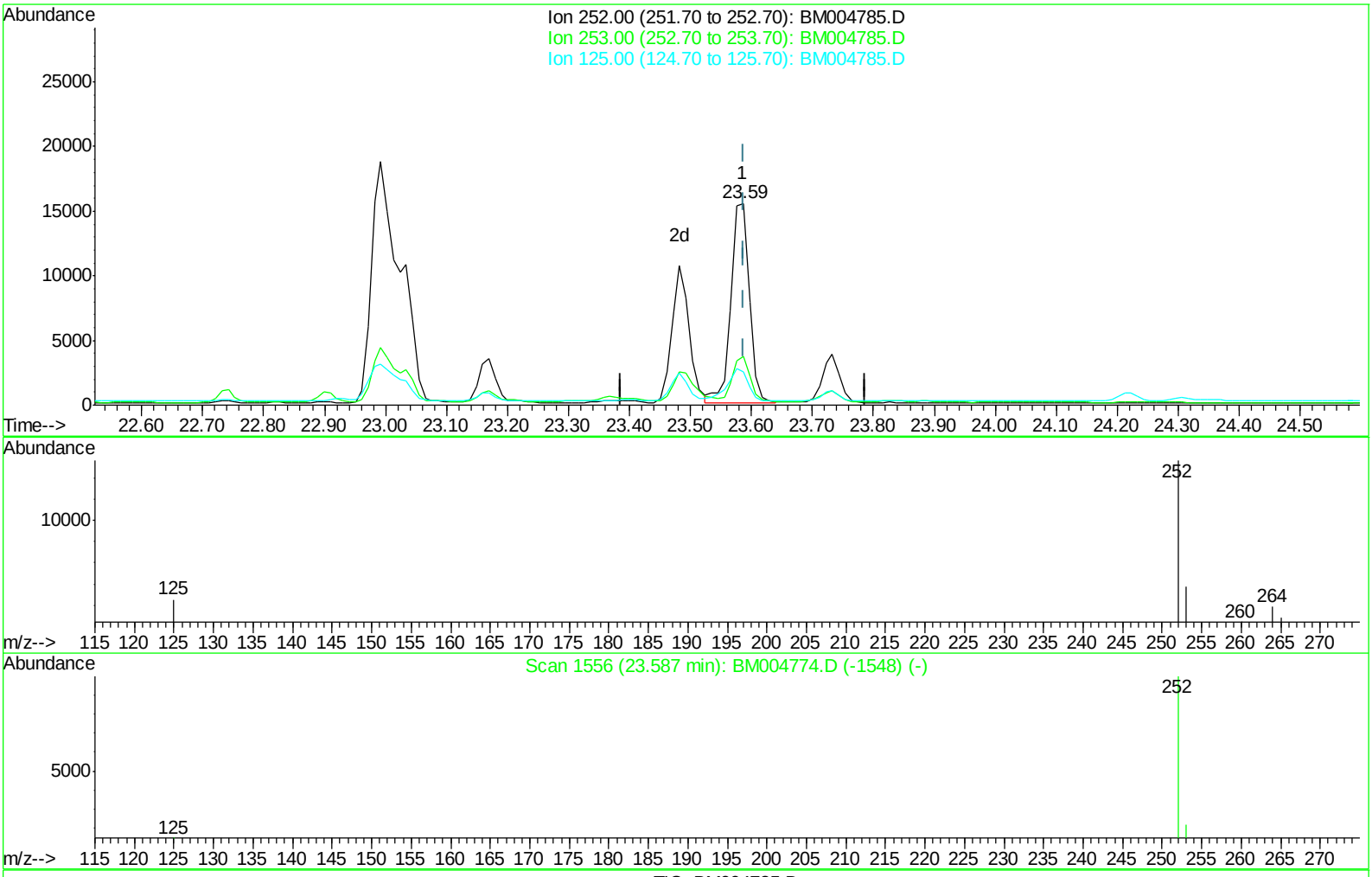
response 27775

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.29
125.00	15.90	16.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

(25) Benzo(a)pyrene (C)

23.587min (-0.001) 1.60ng/ul m

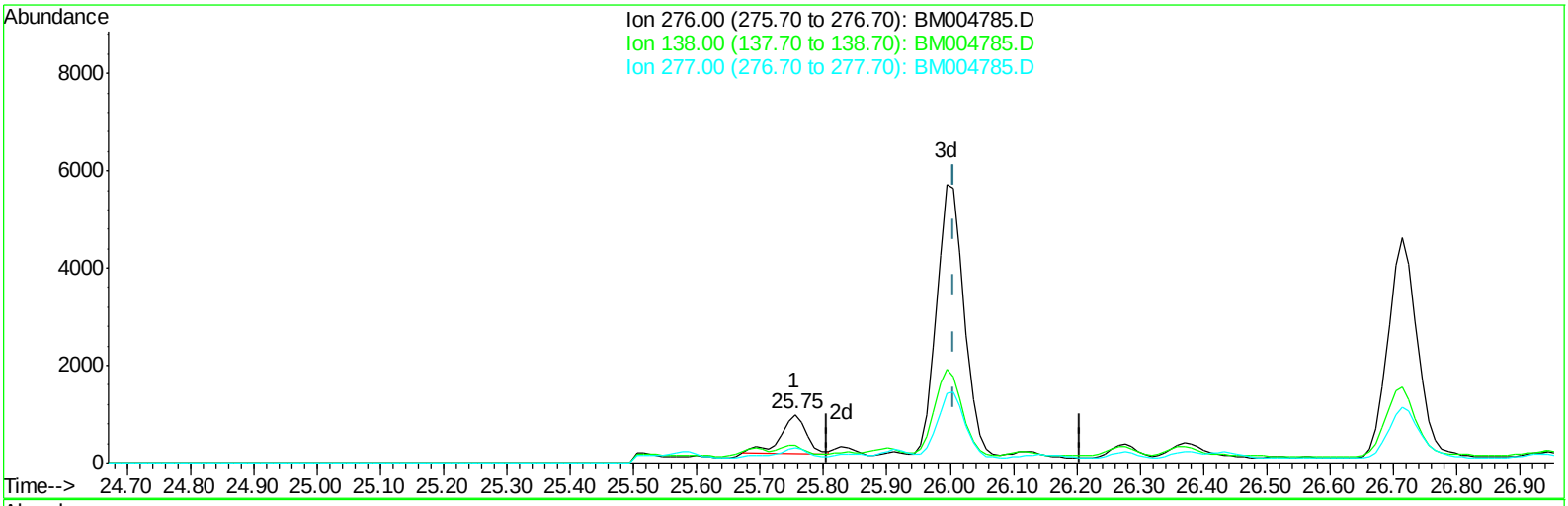
response 32380

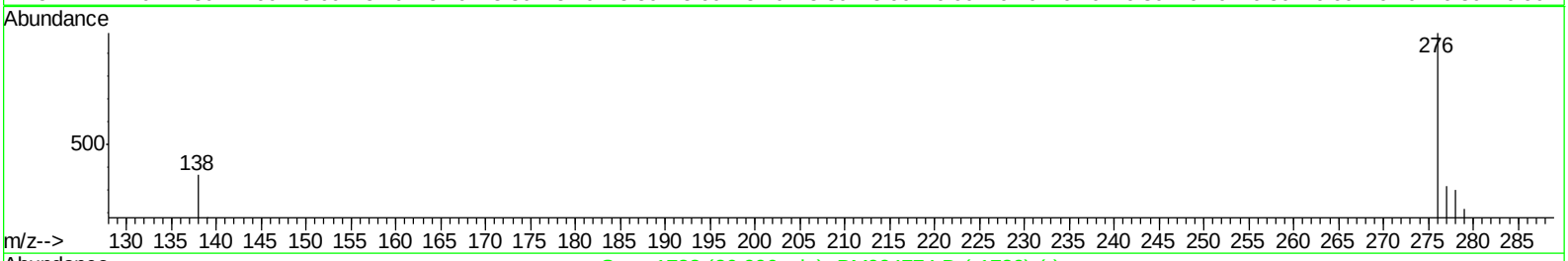
Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.29
125.00	15.90	16.37
0.00	0.00	0.00

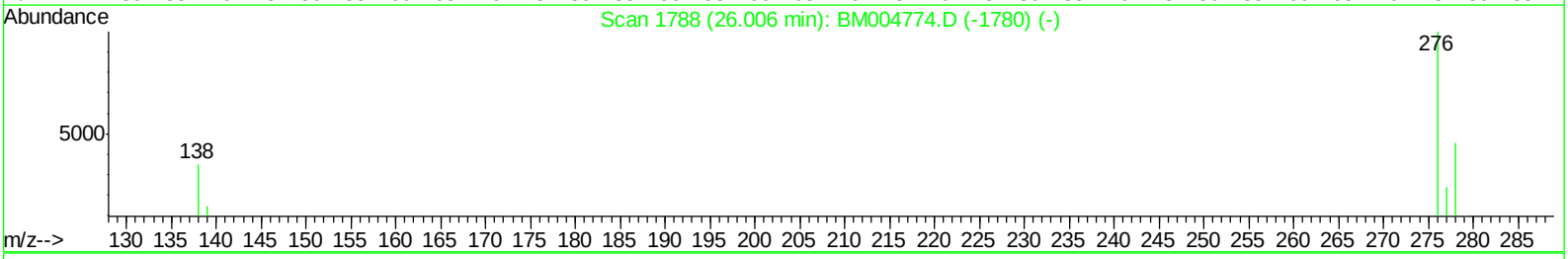
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

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

25.755min (-0.251) 0.13ng/ul

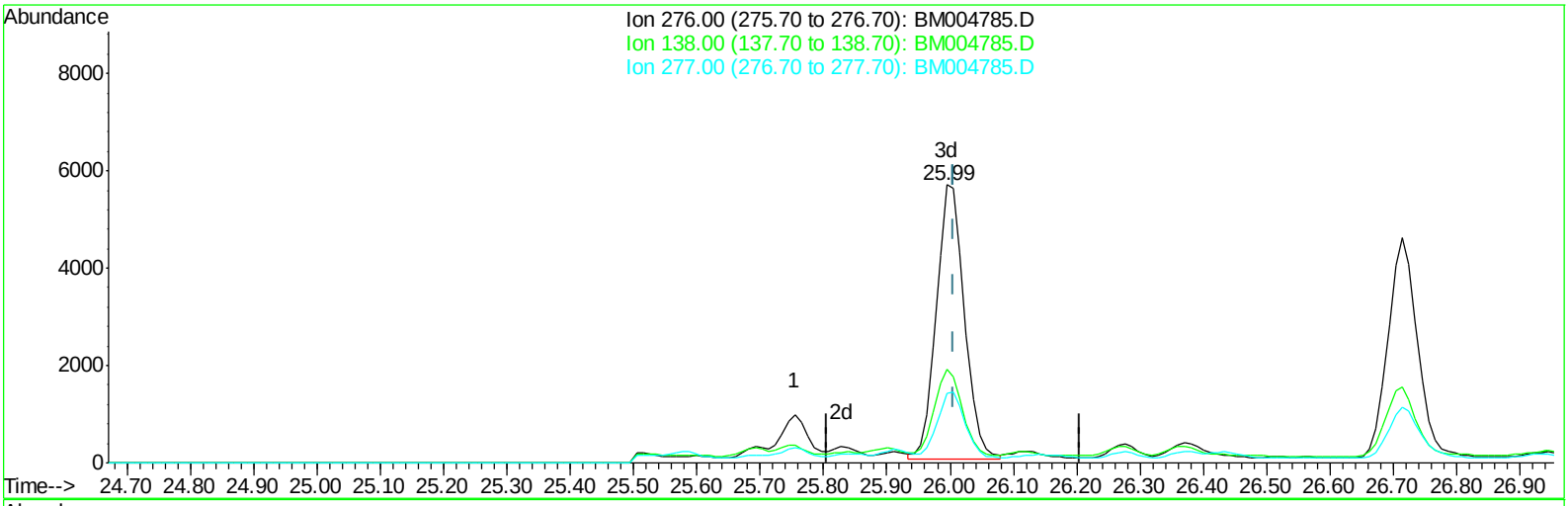
response 2360

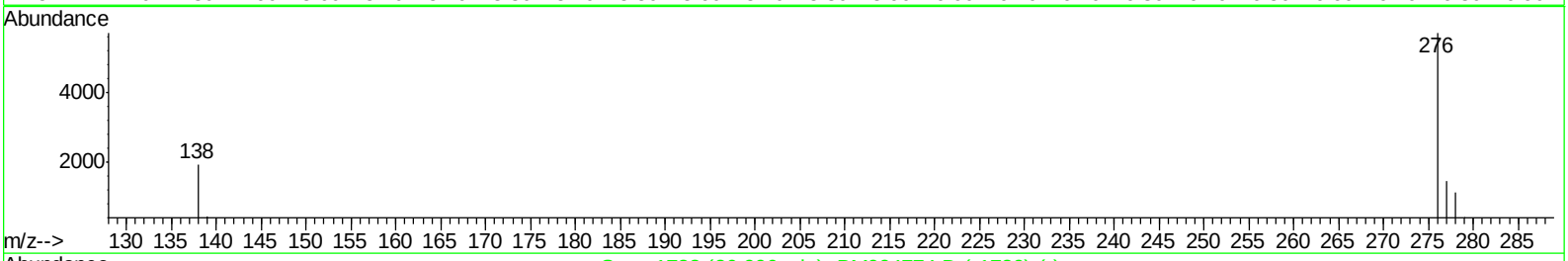
Ion	Exp%	Act%
276.00	100	100
138.00	20.40	20.72
277.00	24.80	23.31
0.00	0.00	0.00

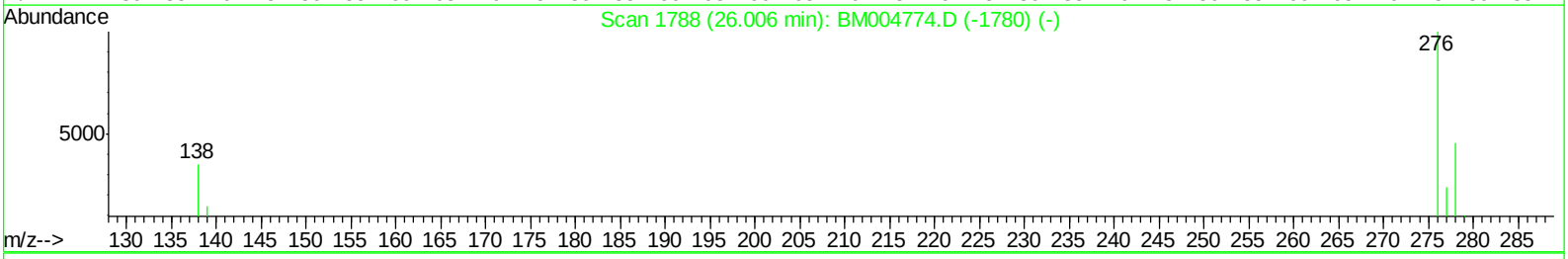
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

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

25.995min (-0.011) 0.93ng/ul m

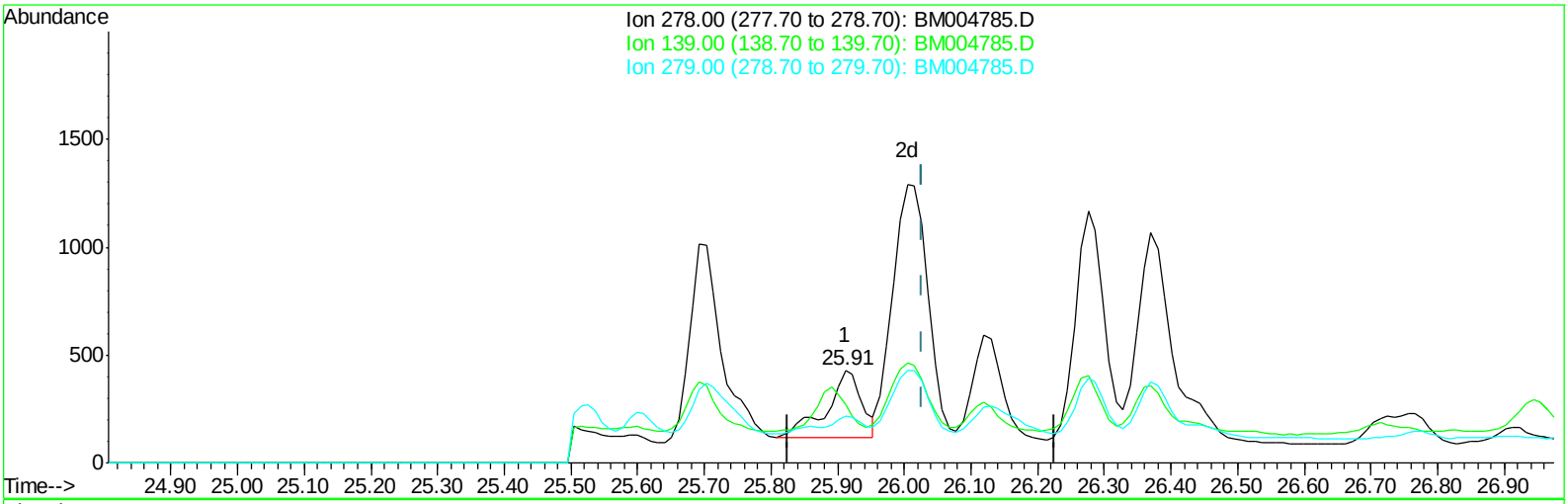
response 17461

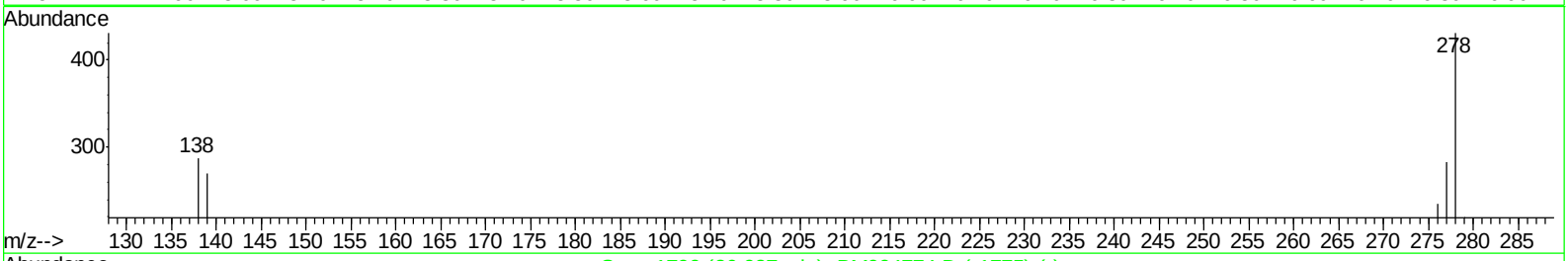
Ion	Exp%	Act%
276.00	100	100
138.00	20.40	2.80#
277.00	24.80	3.15#
0.00	0.00	0.00

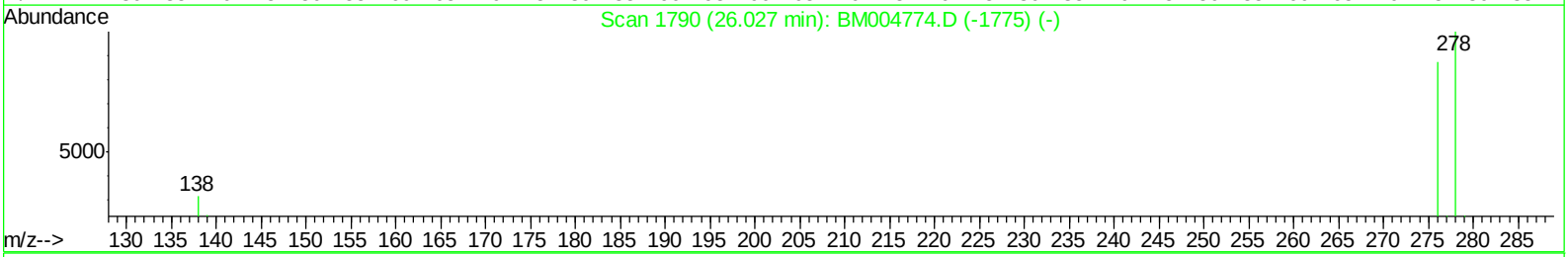
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

(27) Dibenzo(a,h)anthracene

25.911min (-0.115) 0.08ng/ul

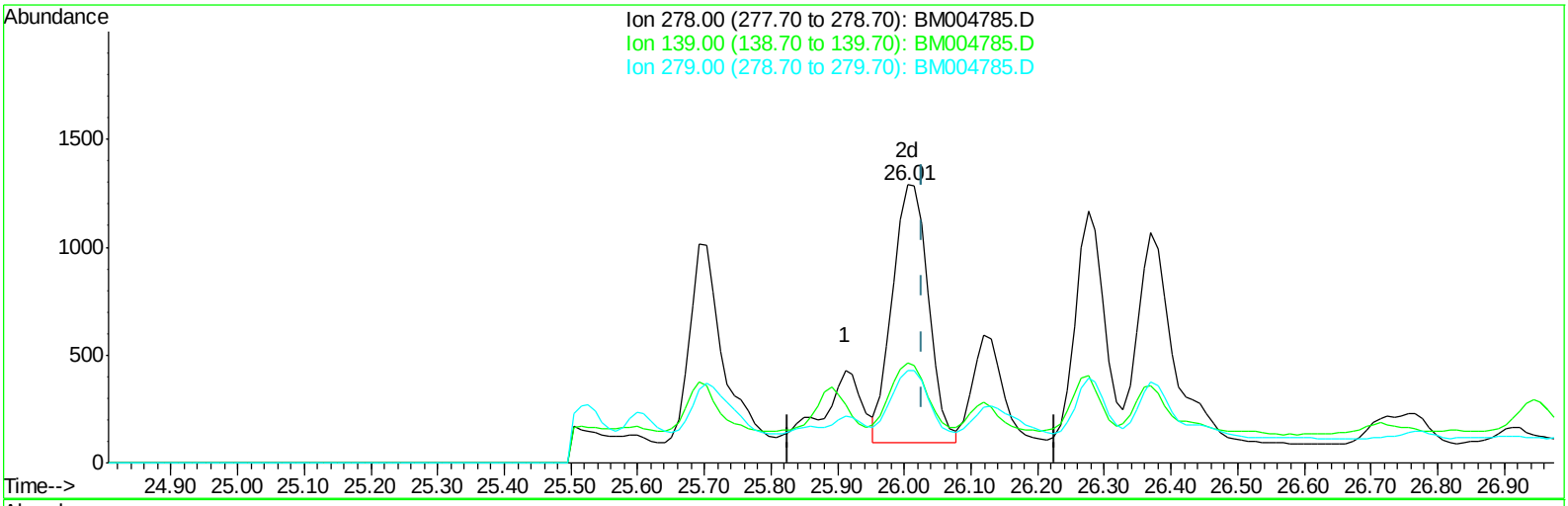
response 1133

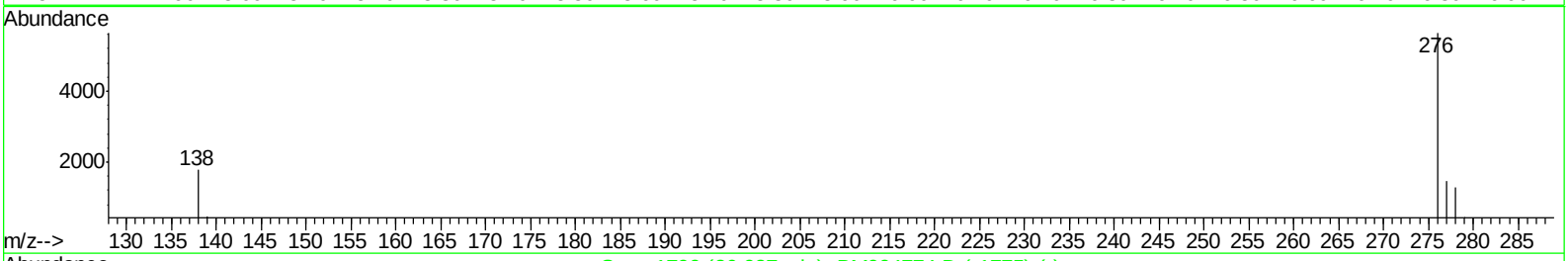
Ion	Exp%	Act%
278.00	100	100
139.00	20.50	62.65#
279.00	25.20	50.81#
0.00	0.00	0.00

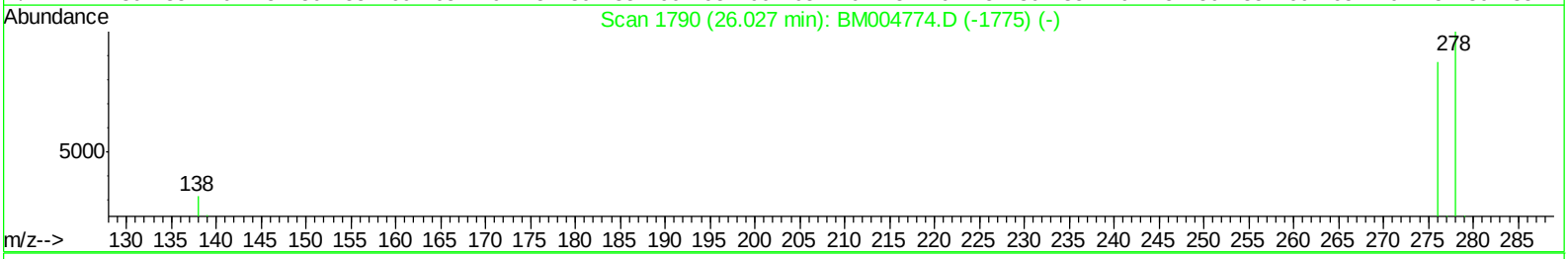
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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: BM004785.D

(27) Dibenzo(a,h)anthracene

26.005min (-0.021) 0.30ng/ul m

response 4470

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	35.81#
279.00	25.20	33.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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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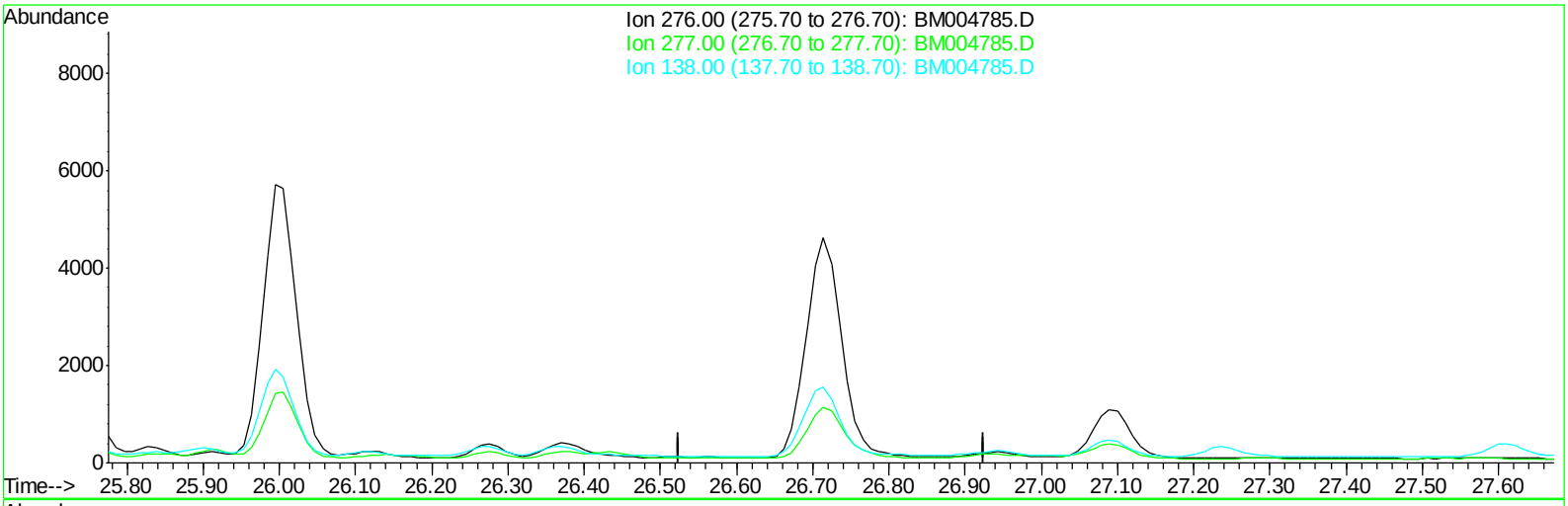

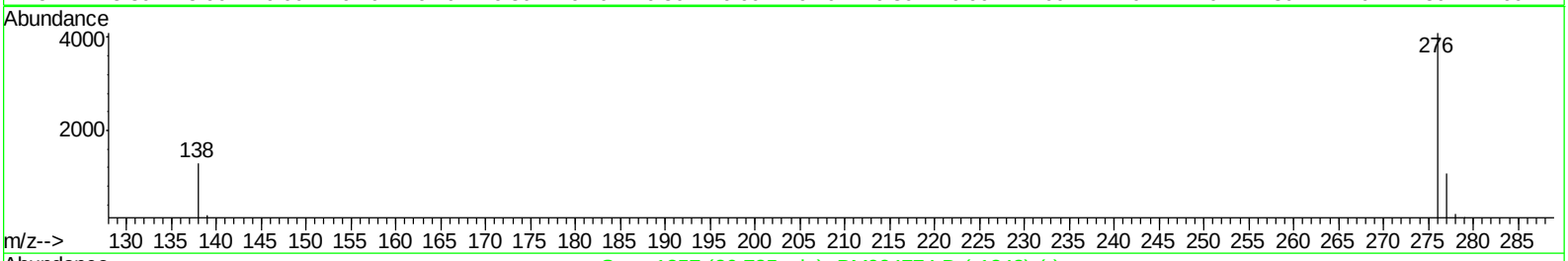

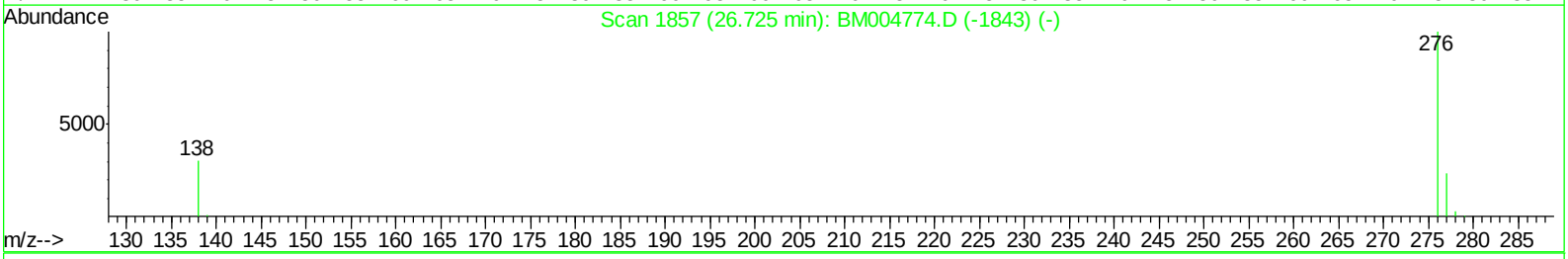

TIC: BM004785.D

(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 : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:20:22 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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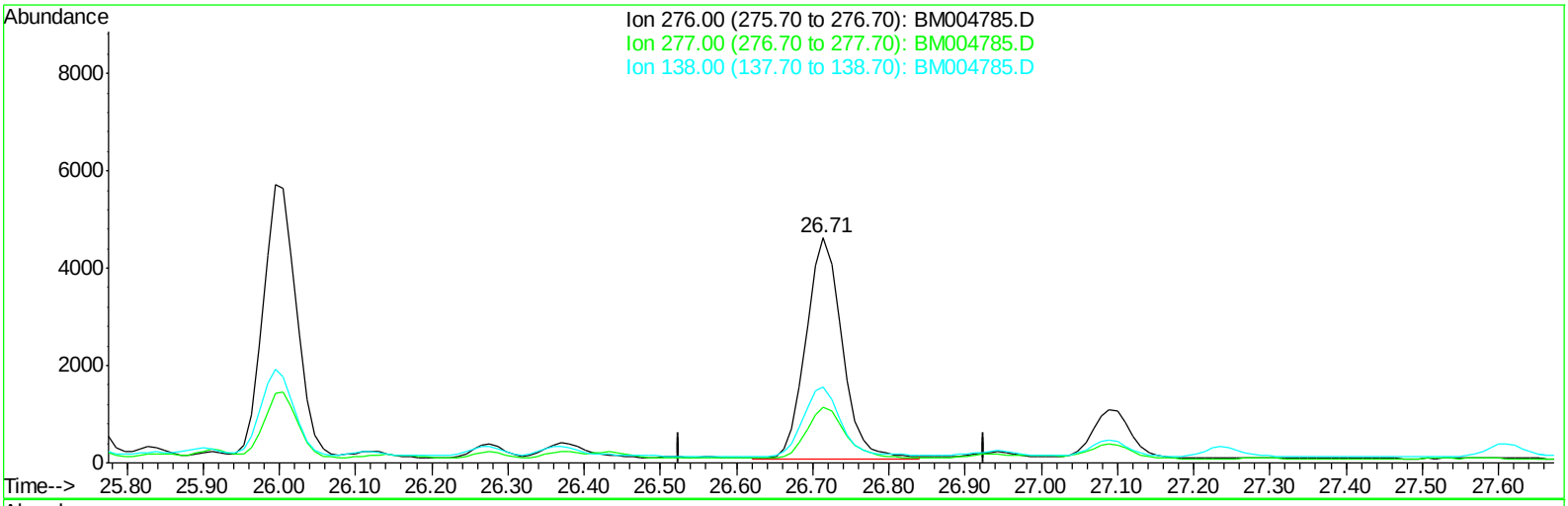

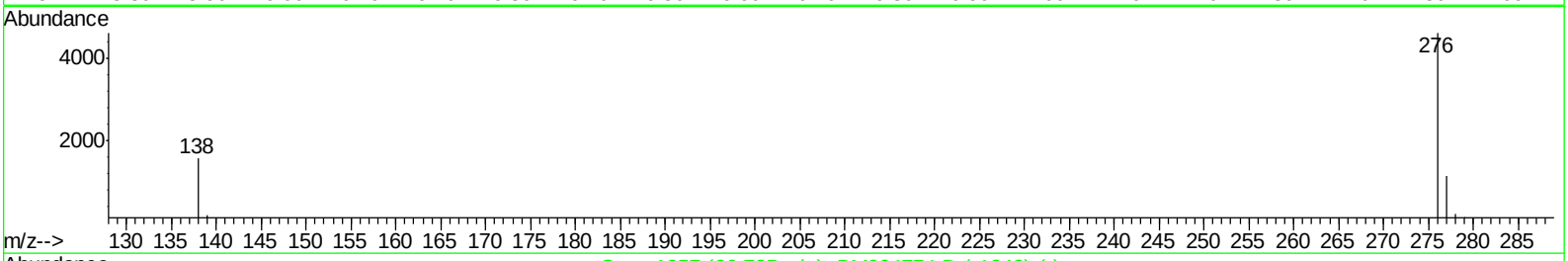

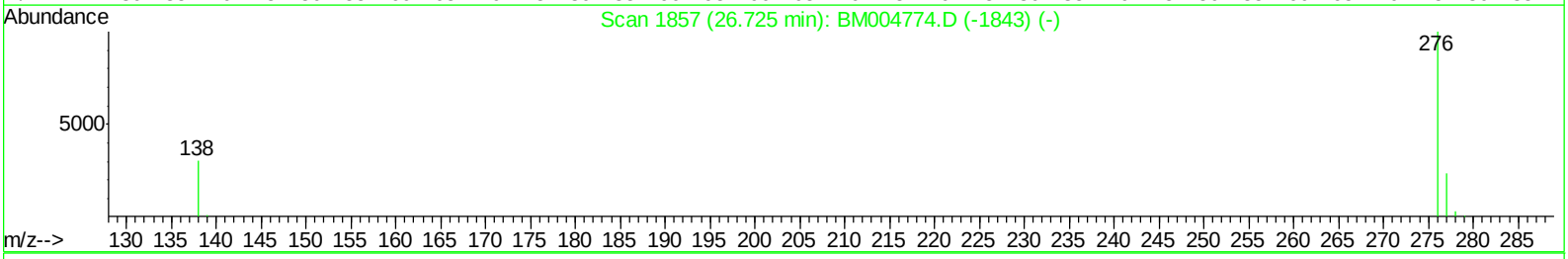

TIC: BM004785.D

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

26.714min (-0.011) 0.96ng/ul m

response 14924

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	24.83
138.00	28.10	33.87#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004785.D
Acq On : 25 Mar 2016 19:42
Operator : UM/SJ
Sample : H1909-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 05 19:22:39 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	1171	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5600	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3457	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	7800m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	7717	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	6580m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4195	7.95	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.20	152	1955	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4748	0.26	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	3116	0.23	ng/ul#	93
7) 2-Methylnaphthalene	12.28	142	823	0.08	ng/ul	99
9) Acenaphthylene	14.18	152	2216	0.14	ng/ul#	95
10) Acenaphthene	14.52	153	1853	0.16	ng/ul	87
11) Fluorene	15.51	166	3514	0.26	ng/ul#	89
14) Phenanthrene	17.24	178	48065	2.19	ng/ul	96
15) Anthracene	17.33	178	11307	0.55	ng/ul	97
17) Fluoranthene	19.27	202	83624m	3.35	ng/ul	
19) Pyrene	19.63	202	72449	2.74	ng/ul	97
20) Benzo(a)anthracene	21.38	228	39990	1.69	ng/ul	94
21) Chrysene	21.43	228	35032	1.53	ng/ul	96
23) Benzo(b)fluoranthene	22.99	252	42727m	1.93	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	19128m	0.93	ng/ul	
25) Benzo(a)pyrene	23.59	252	32380m	1.60	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.99	276	17461m	0.93	ng/ul	
27) Dibenzo(a,h)anthracene	26.01	278	4470m	0.30	ng/ul	
28) Benzo(g,h,i)perylene	26.71	276	14924m	0.96	ng/ul	

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

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