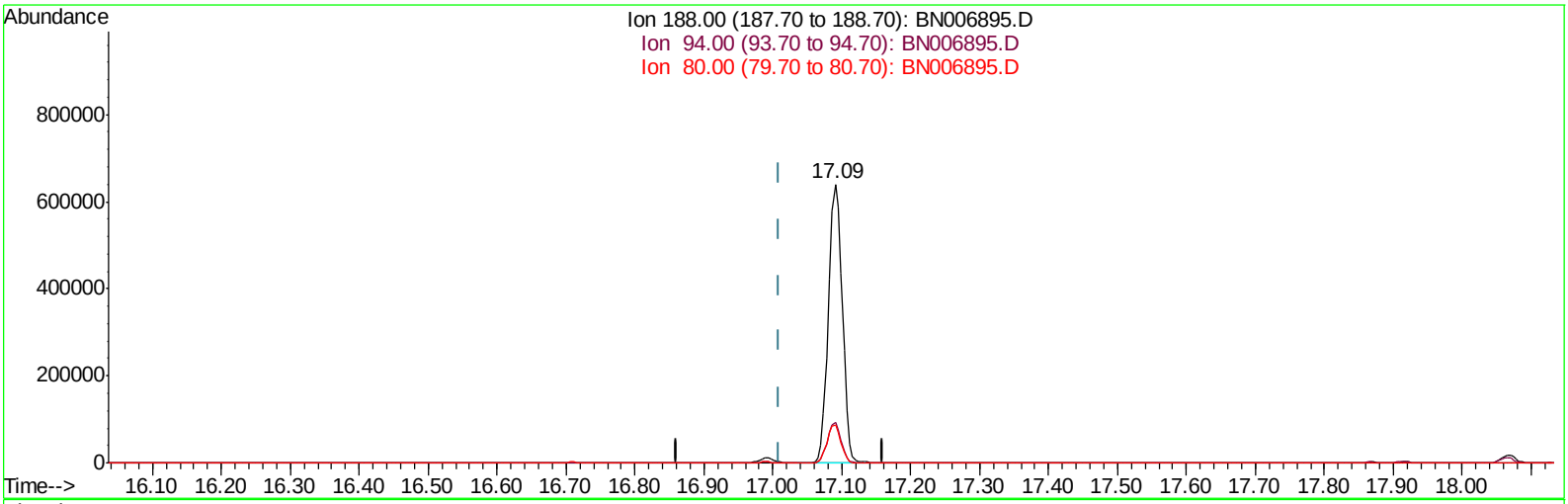
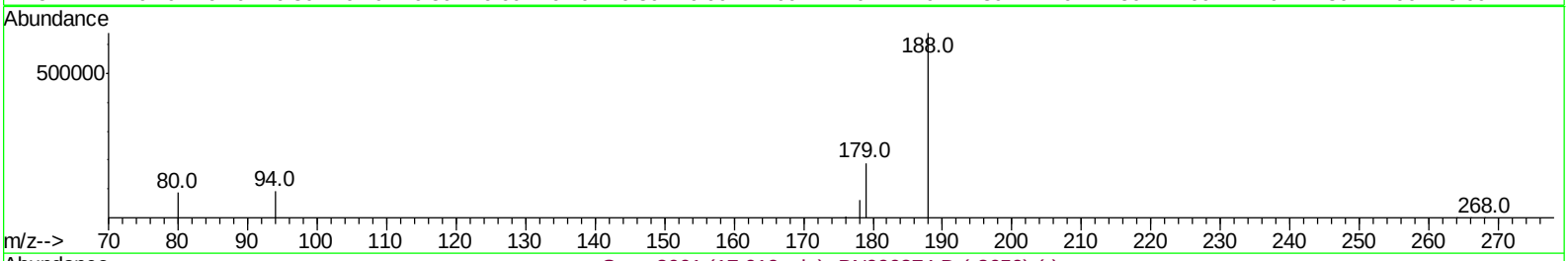
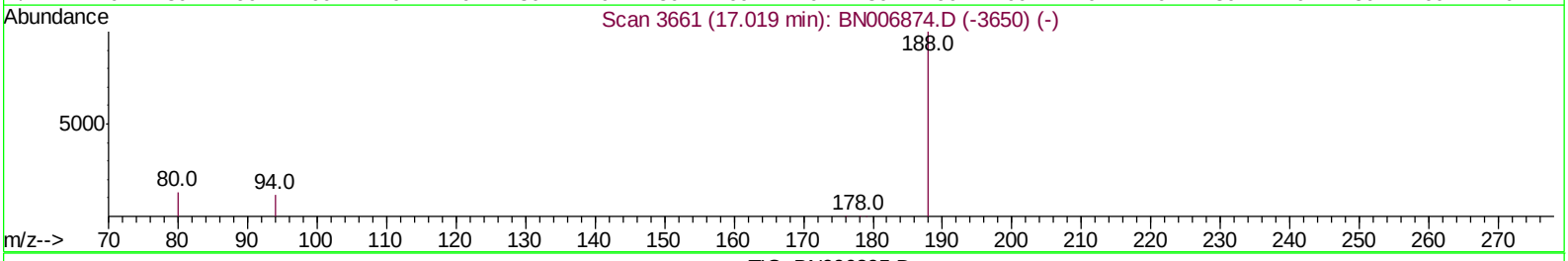
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:41:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(10) Phenanthrene-d10 (I)

17.090min (+0.080) 0.40ng/ul

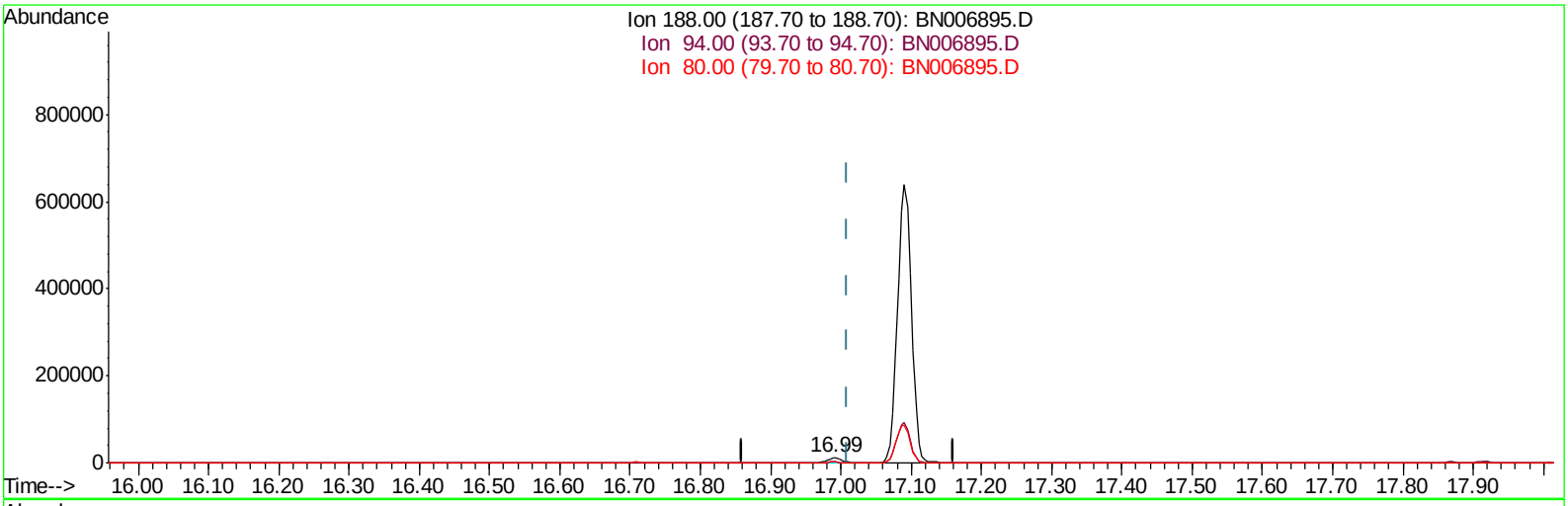
response 889502

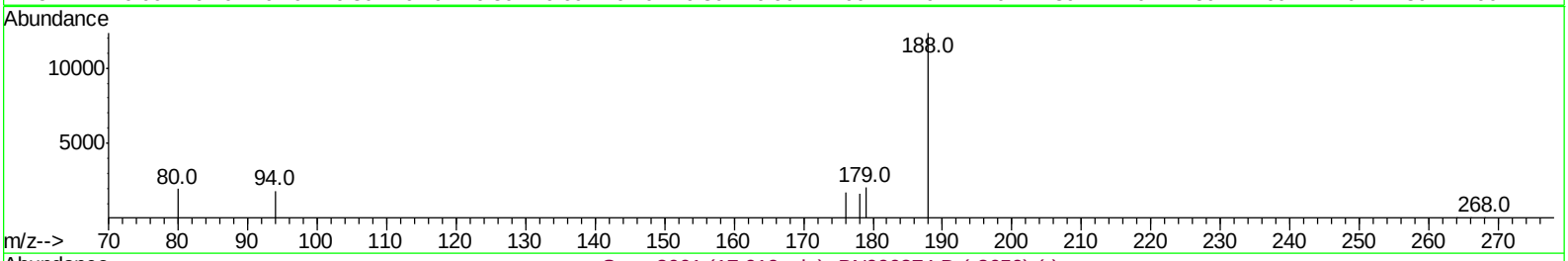
Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.36
80.00	14.80	13.60
0.00	0.00	0.00

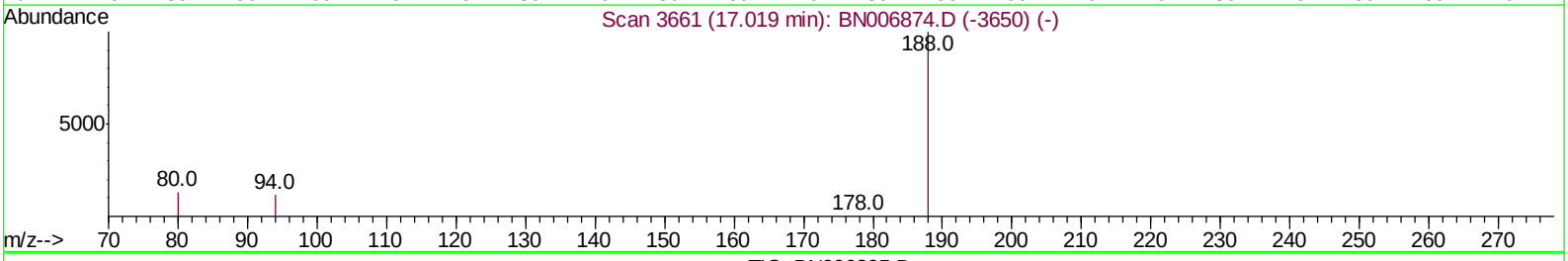
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:41:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(10) Phenanthrene-d10 (I)

16.989min (-0.021) 0.40ng/ul m

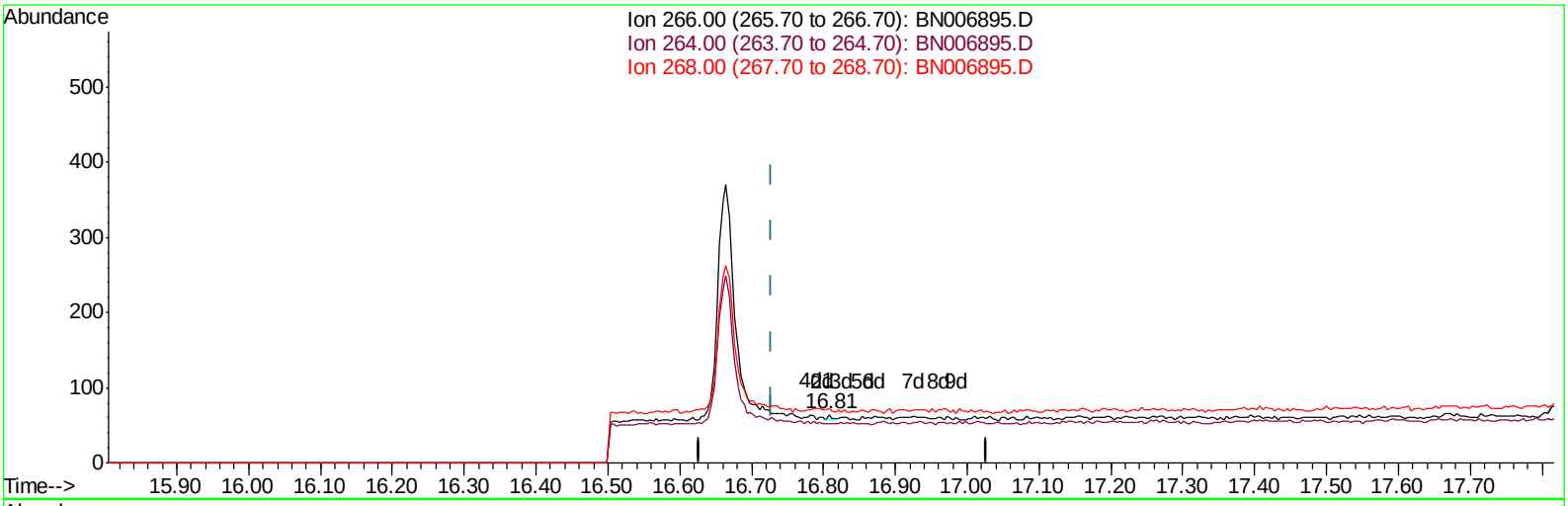
response 15445

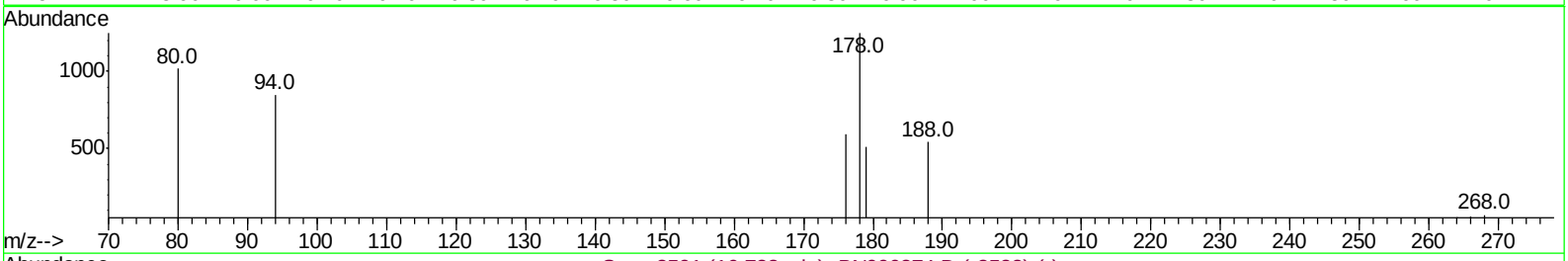
Ion	Exp%	Act%
188.00	100	100
94.00	13.70	15.04
80.00	14.80	16.11
0.00	0.00	0.00

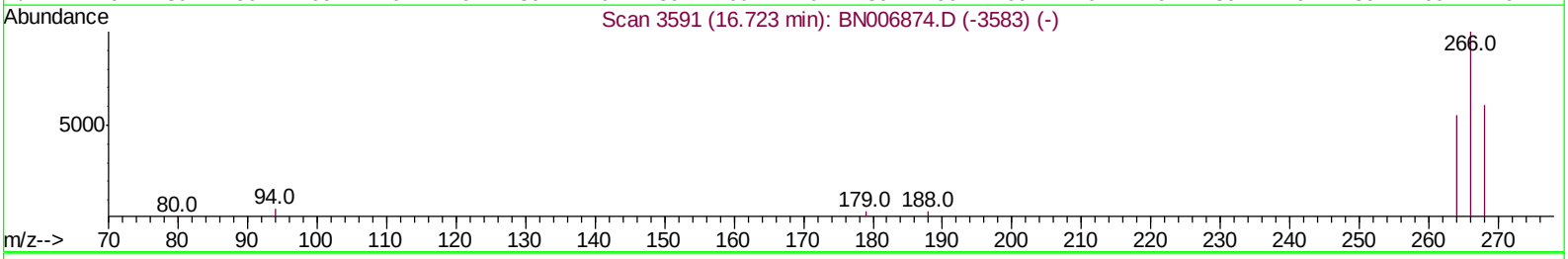
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(11) Pentachlorophenol

16.808min (+0.080) 0.00ng/ul

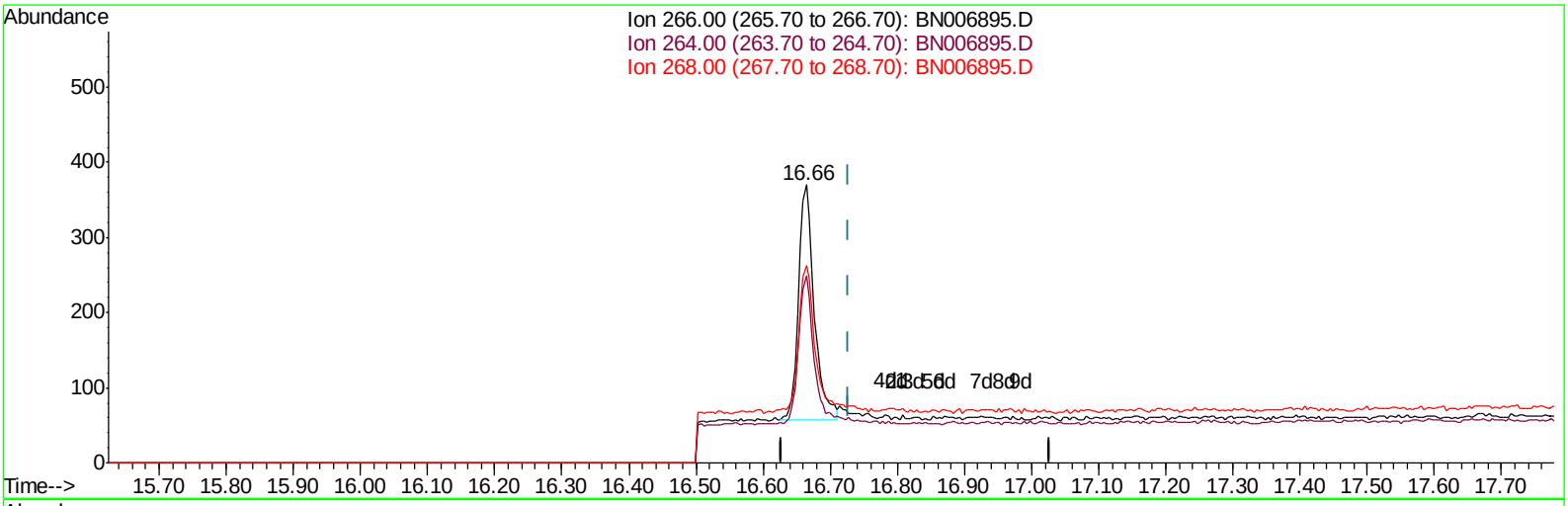
response 2

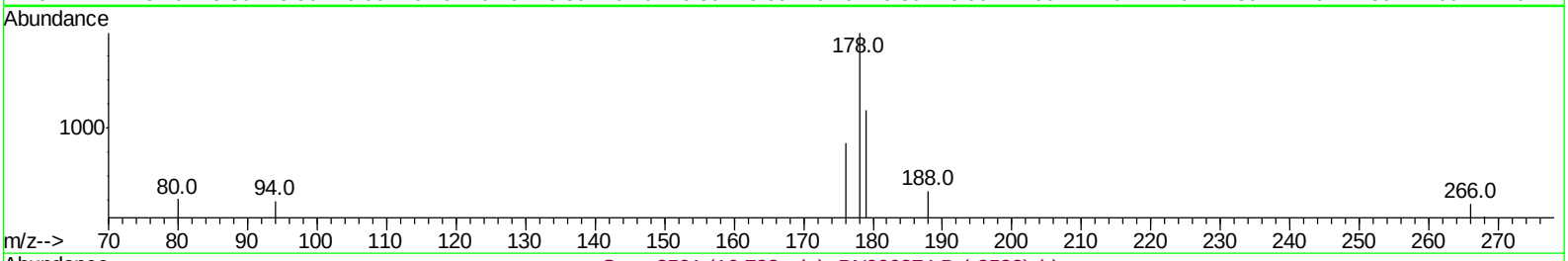
Ion	Exp%	Act%
266.00	100	100
264.00	57.40	0.00#
268.00	60.10	0.00#
0.00	0.00	0.00

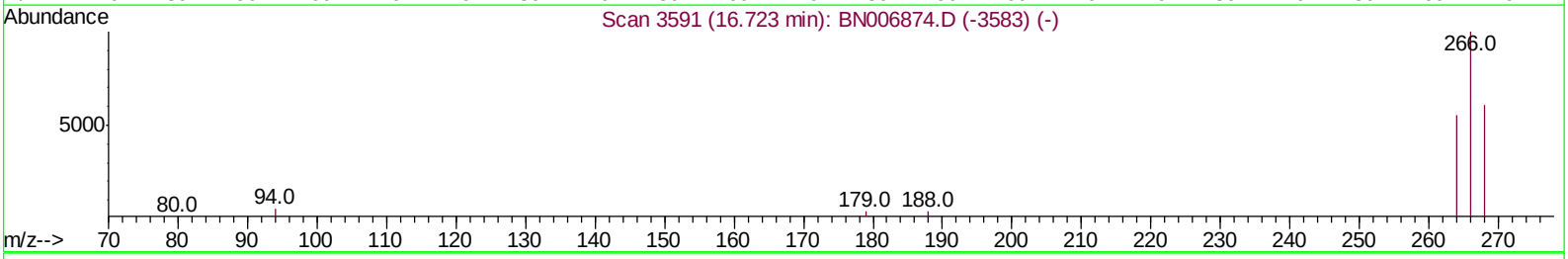
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(11) Pentachlorophenol

16.664min (-0.063) 0.22ng/ul m

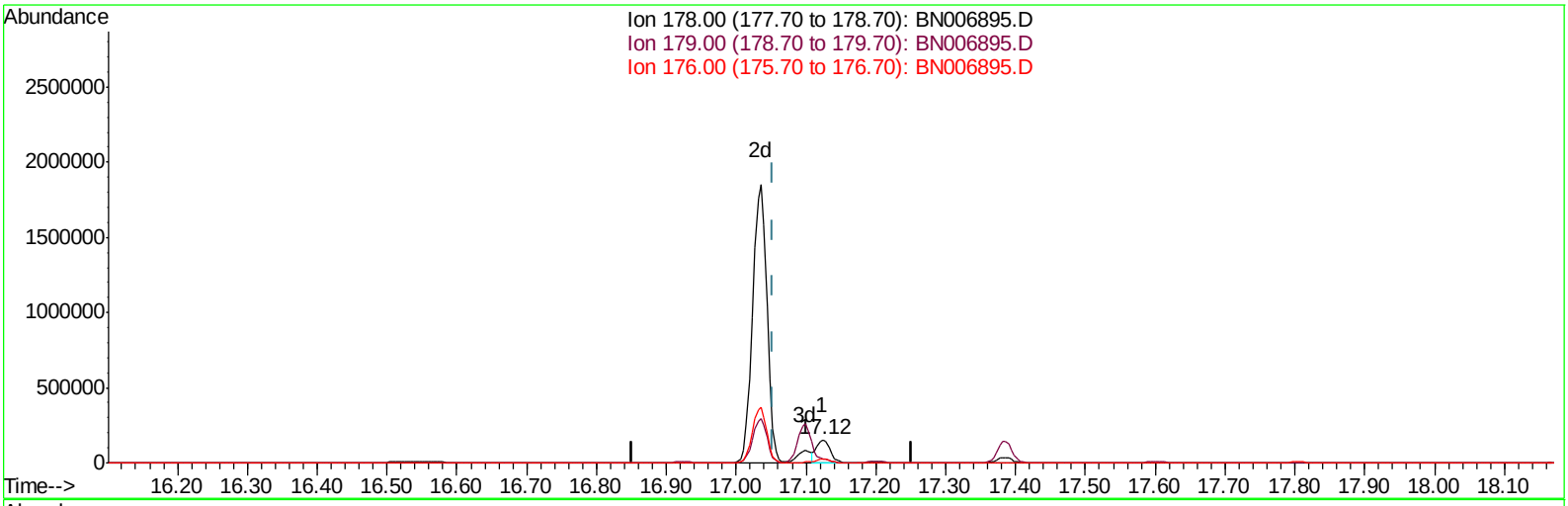
response 509

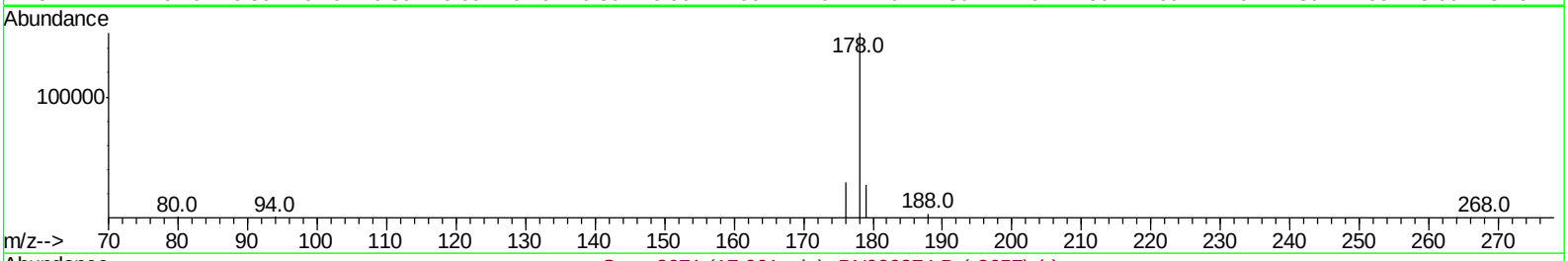
Ion	Exp%	Act%
266.00	100	100
264.00	57.40	0.00#
268.00	60.10	0.00#
0.00	0.00	0.00

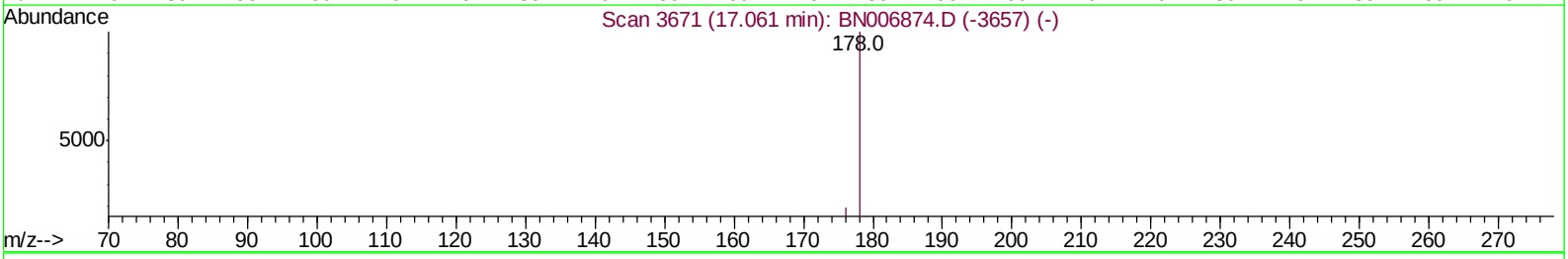
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(12) Phenanthrene

17.124min (+0.072) 4.10ng/ul

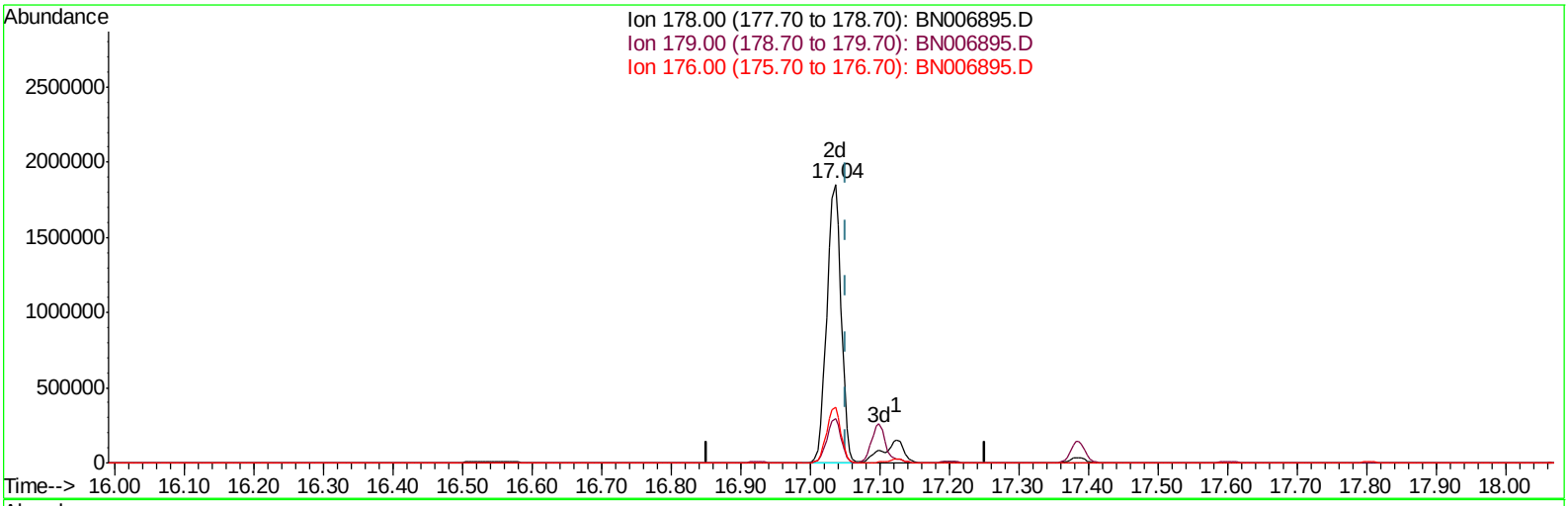
response 203573

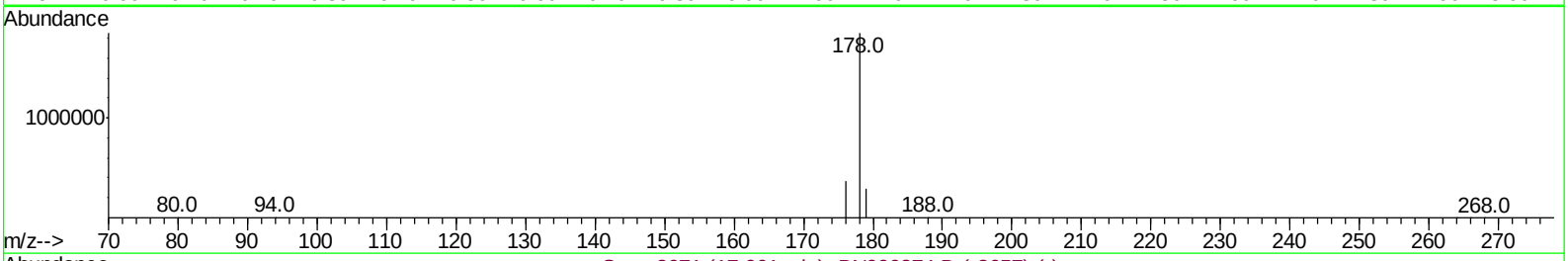
Ion	Exp%	Act%
178.00	100	100
179.00	15.80	18.06
176.00	19.80	18.91
0.00	0.00	0.00

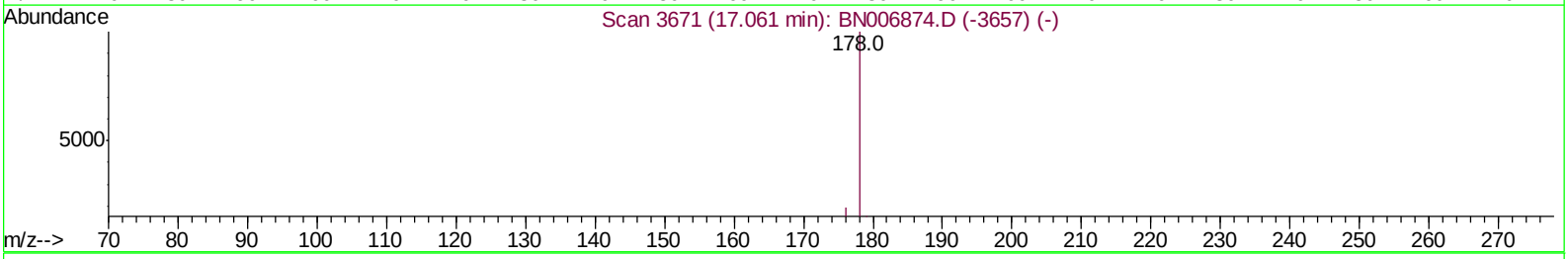
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(12) Phenanthrene

17.036min (-0.017) 53.16ng/ul m

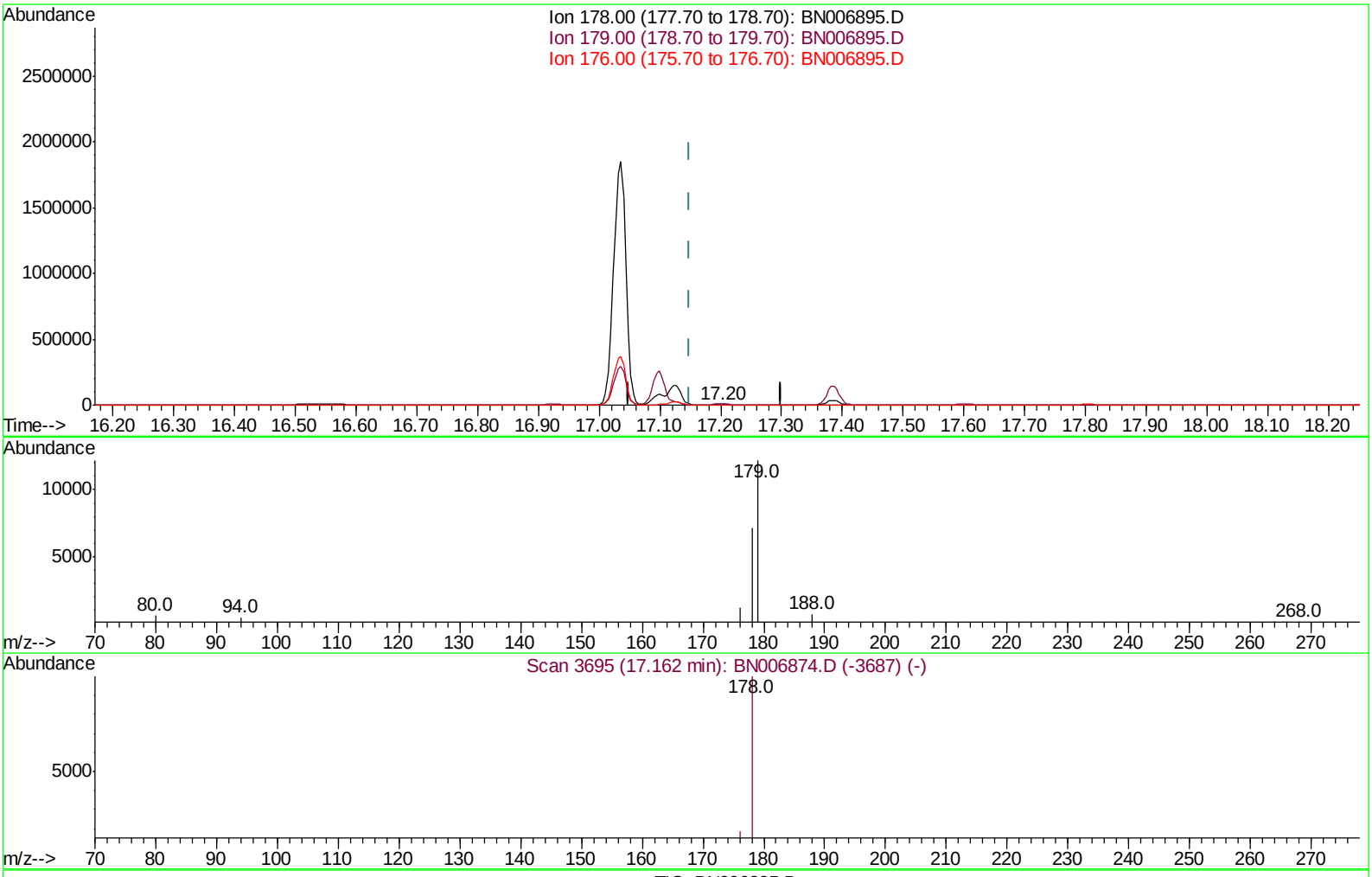
response 2641143

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	16.02
176.00	19.80	19.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration



TIC: BN006895.D

(13) Anthracene

17.200min (+0.051) 0.22ng/ul

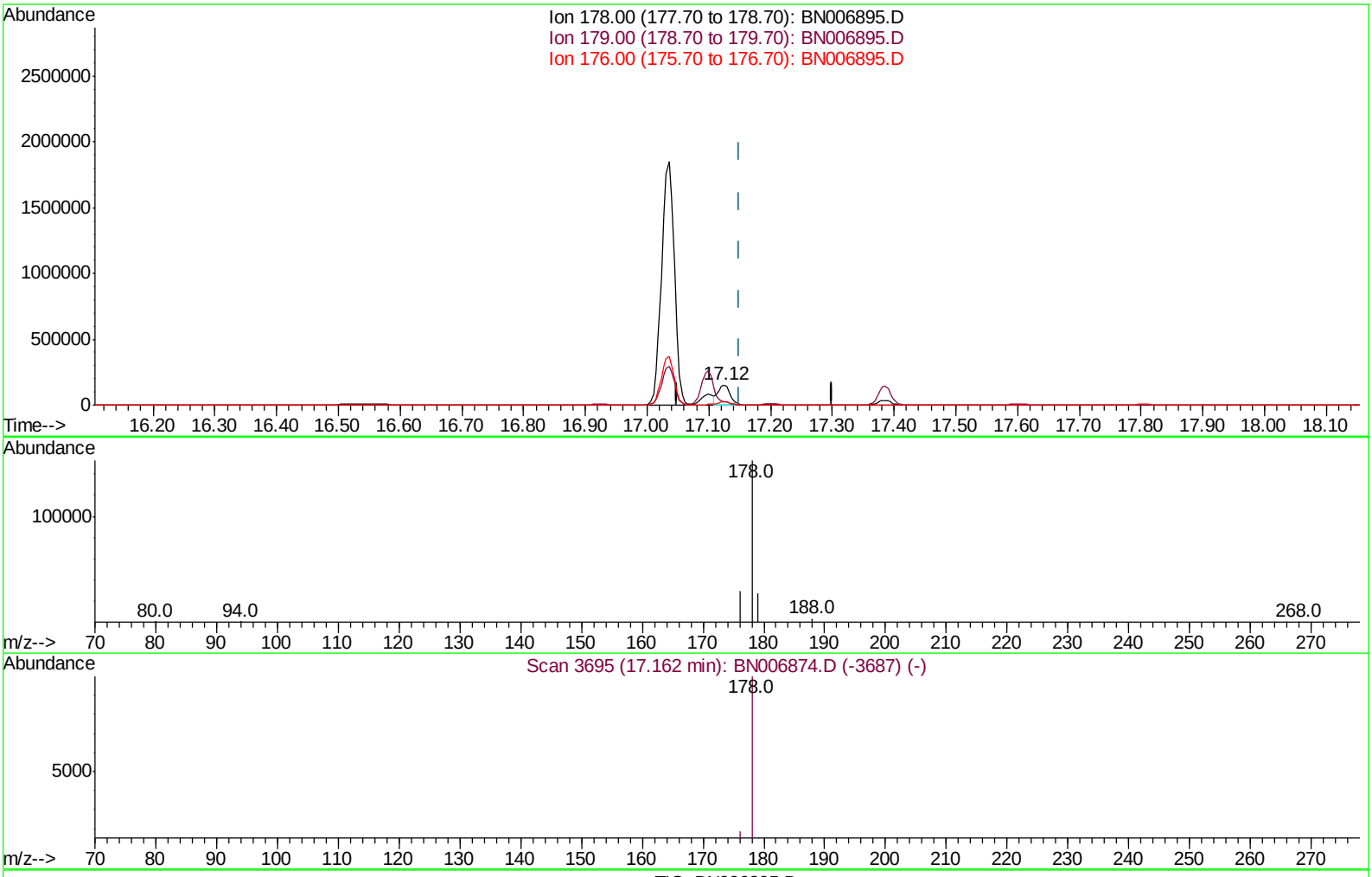
response 9546

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	172.11#
176.00	19.70	15.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration



TIC: BN006895.D

(13) Anthracene

17.124min (-0.025) 4.72ng/ul m

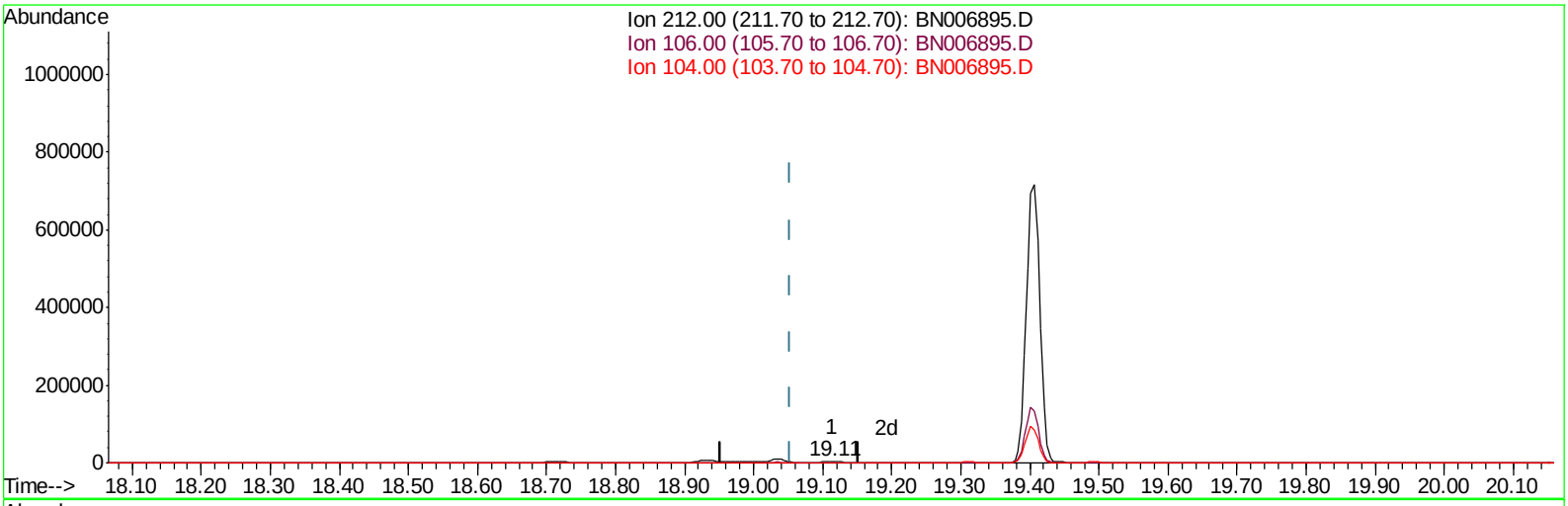
response 202562

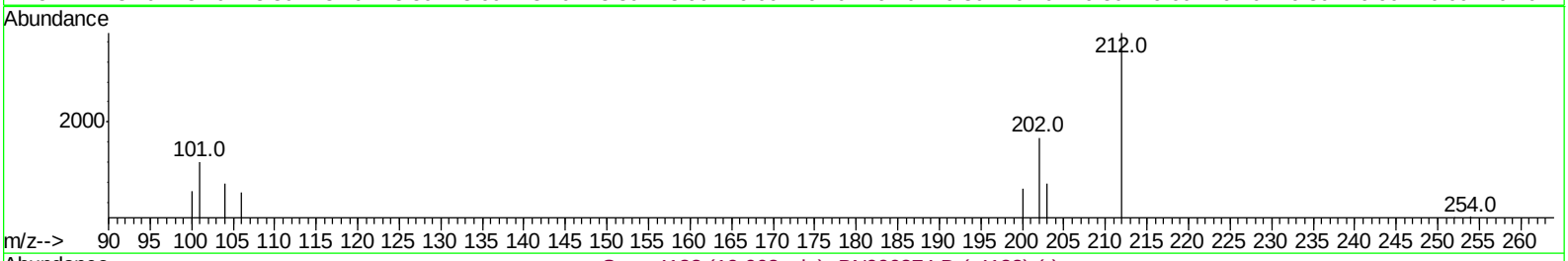
Ion	Exp%	Act%
178.00	100	100
179.00	15.90	18.06
176.00	19.70	18.91
0.00	0.00	0.00

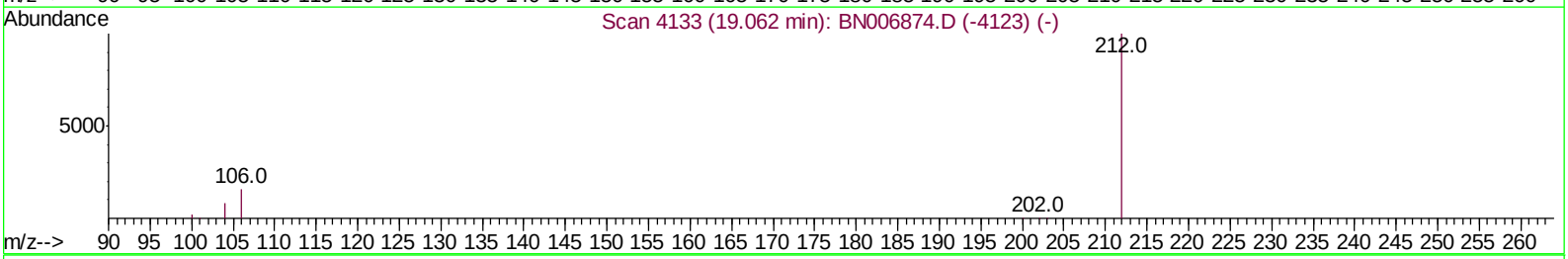
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(14) Fluoranthene-d10 (SURR)

19.114min (+0.060) 0.12ng/ul

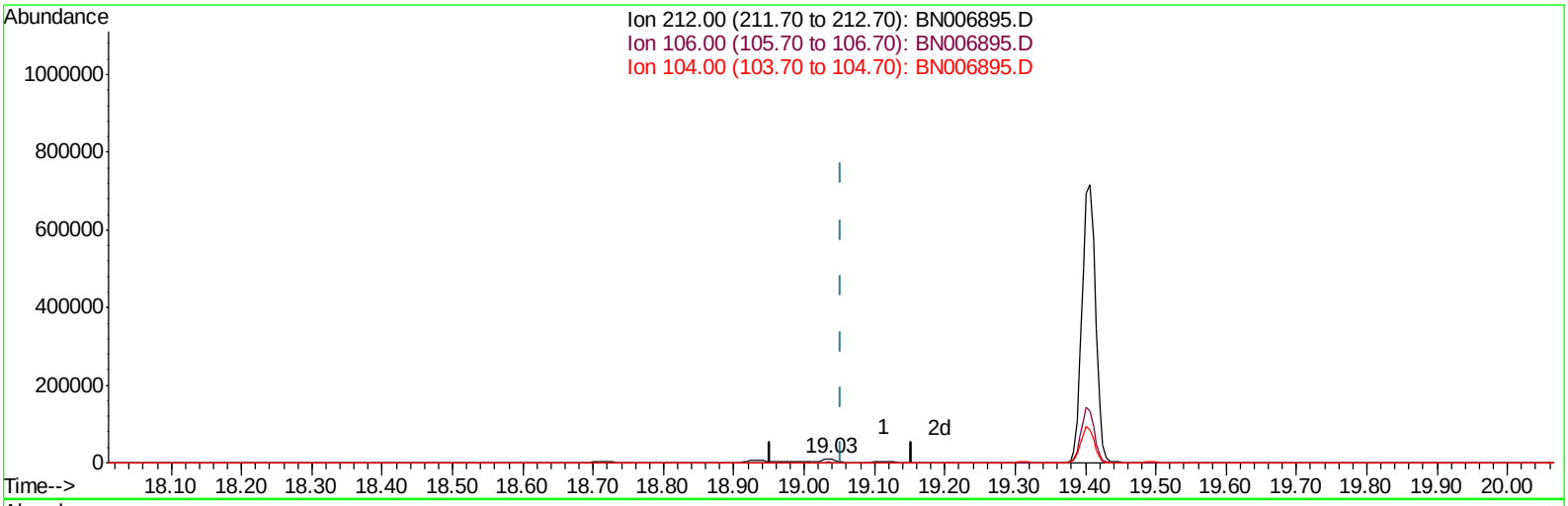
response 5500

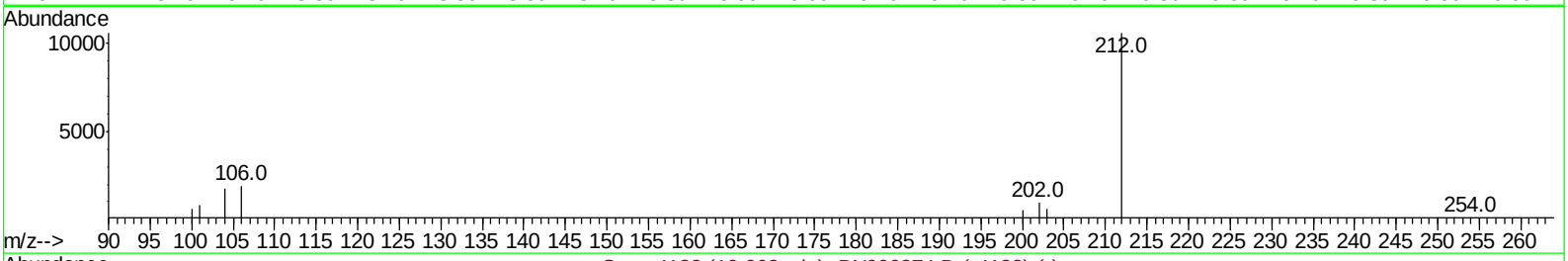
Ion	Exp%	Act%
212.00	100	100
106.00	17.80	8.85#
104.00	9.70	1.16#
0.00	0.00	0.00

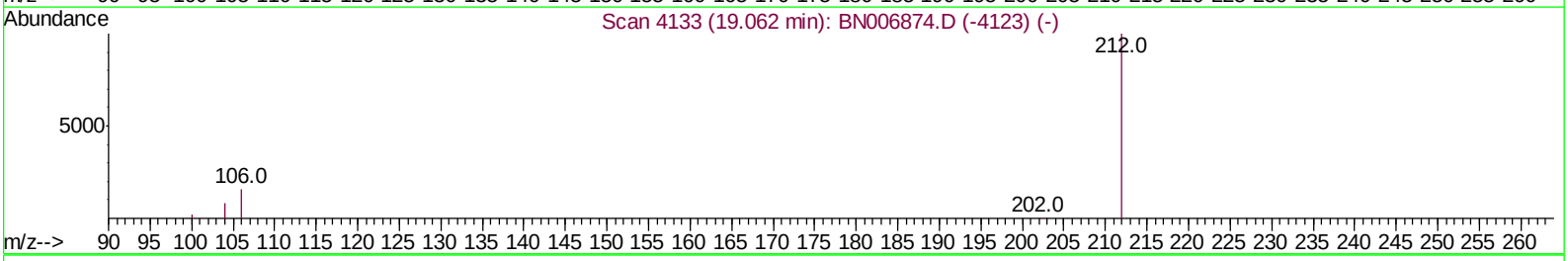
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(14) Fluoranthene-d10 (SURR)

19.035min (-0.019) 0.28ng/ul m

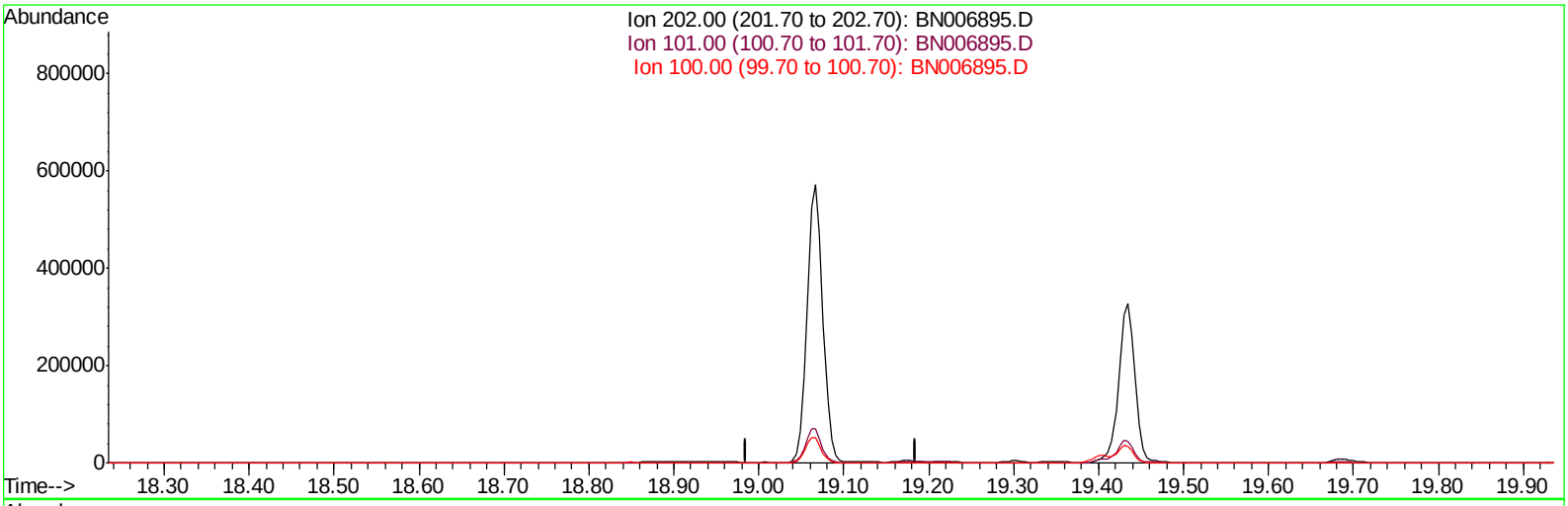
response 12668

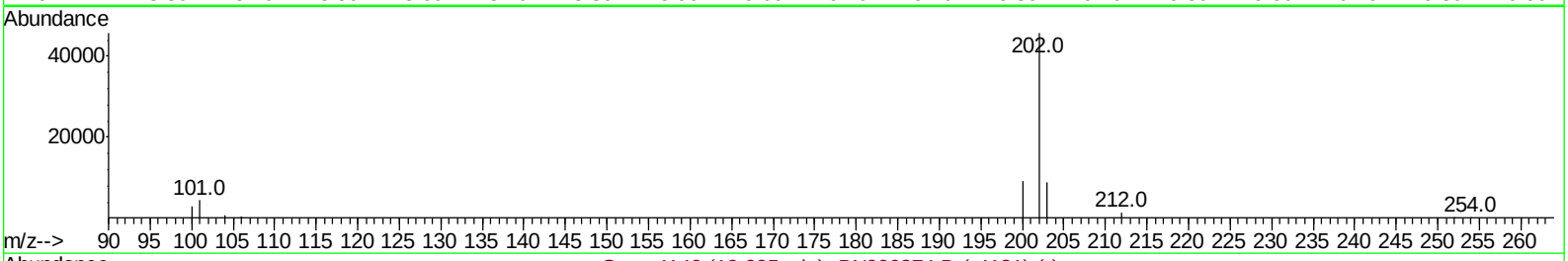
Ion	Exp%	Act%
212.00	100	100
106.00	17.80	3.84#
104.00	9.70	0.51#
0.00	0.00	0.00

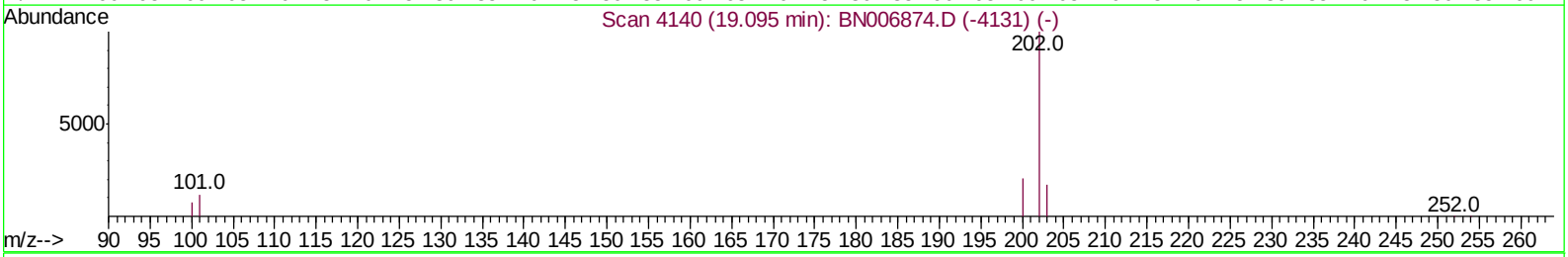
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(15) Fluoranthene (C)

19.086min (-19.086) 0.00ng/ul

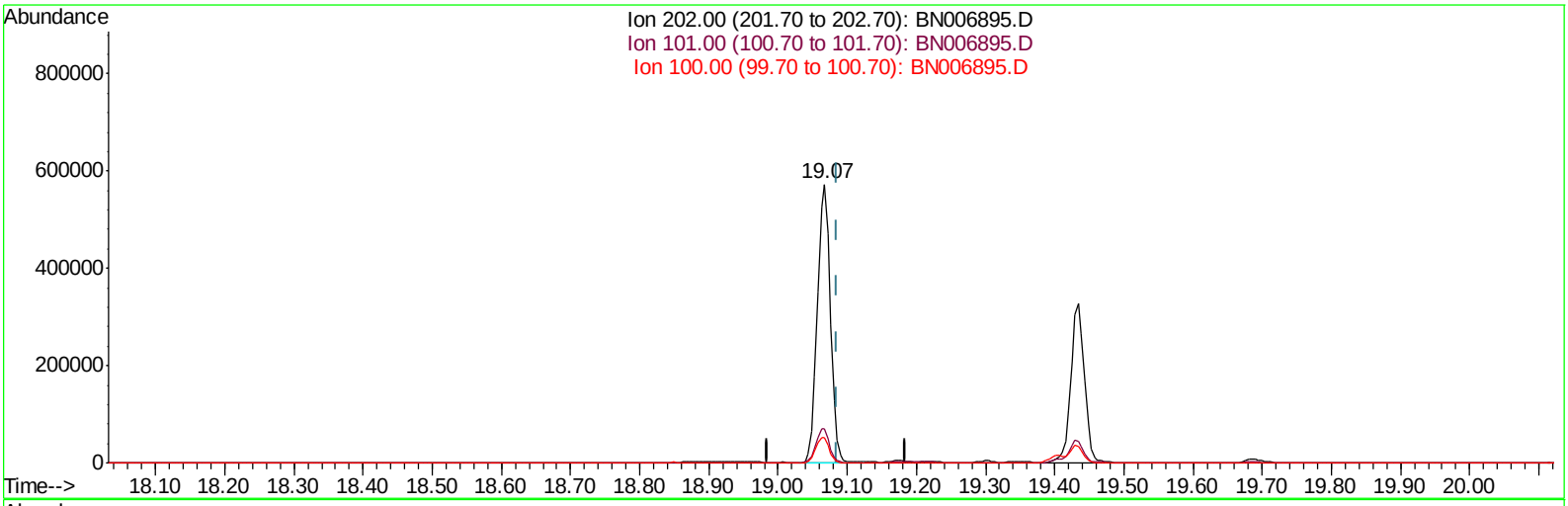
response 0

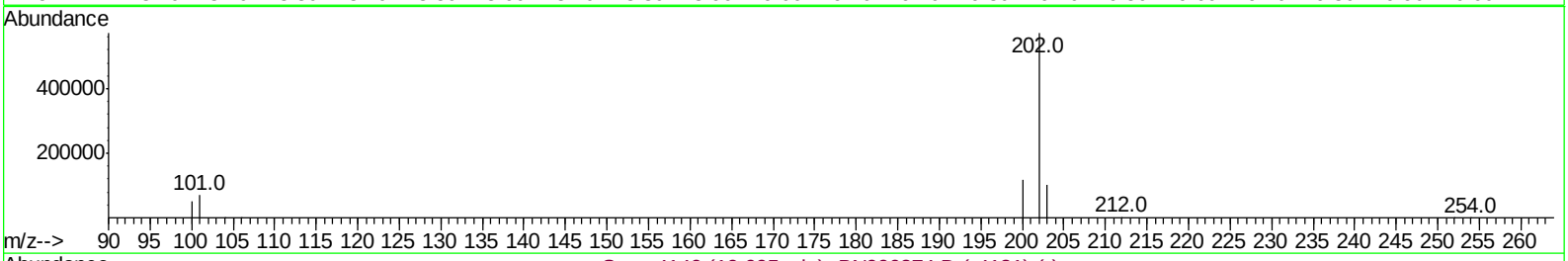
Ion	Exp%	Act%
202.00	100	0.00
101.00	13.20	0.00
100.00	9.90	0.00
0.00	0.00	0.00

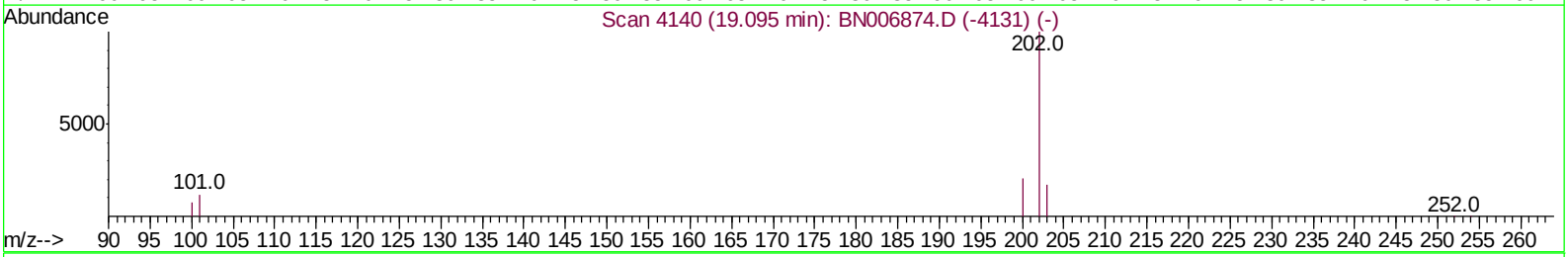
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(15) Fluoranthene (C)

19.067min (-0.019) 12.08ng/ul m

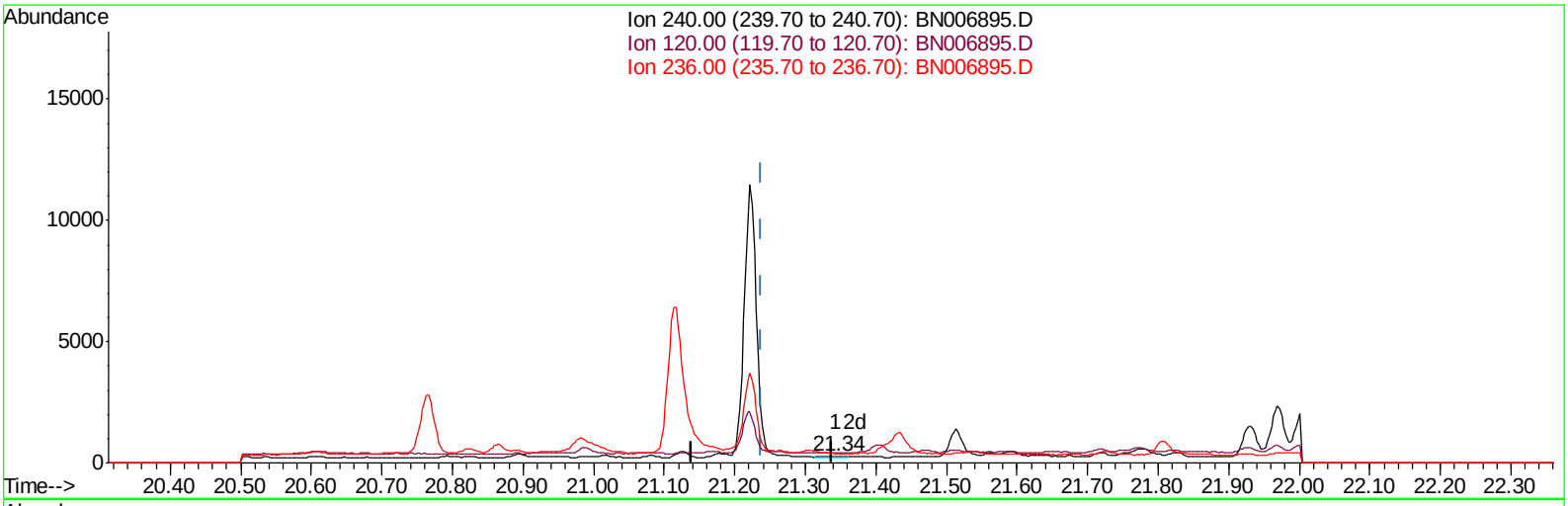
response 741941

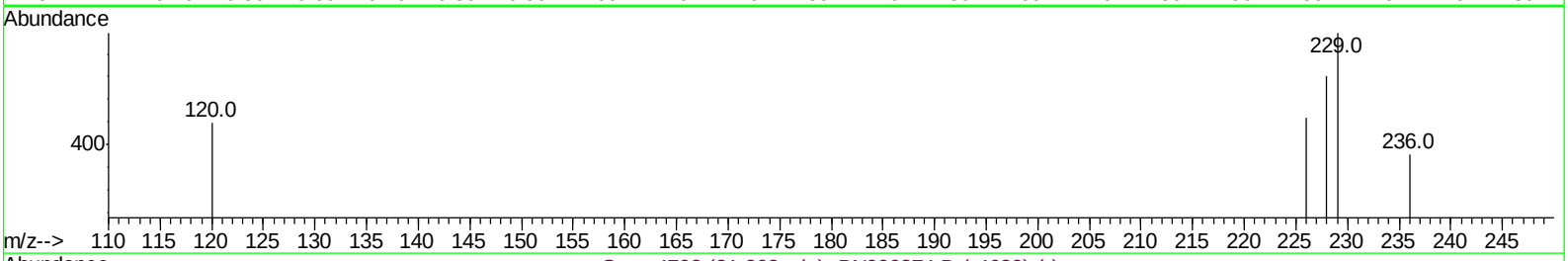
Ion	Exp%	Act%
202.00	100	100
101.00	13.20	12.13
100.00	9.90	8.94
0.00	0.00	0.00

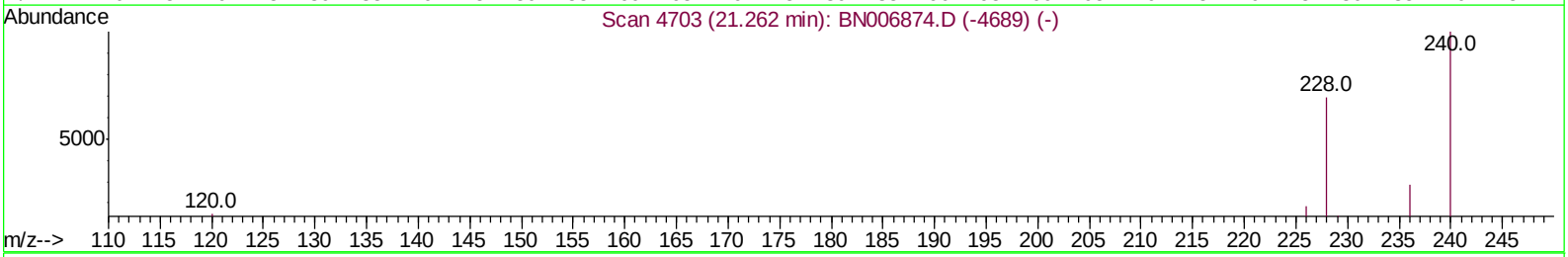
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(16) Chrysene-d12 (I)

21.344min (+0.105) 0.40ng/ul

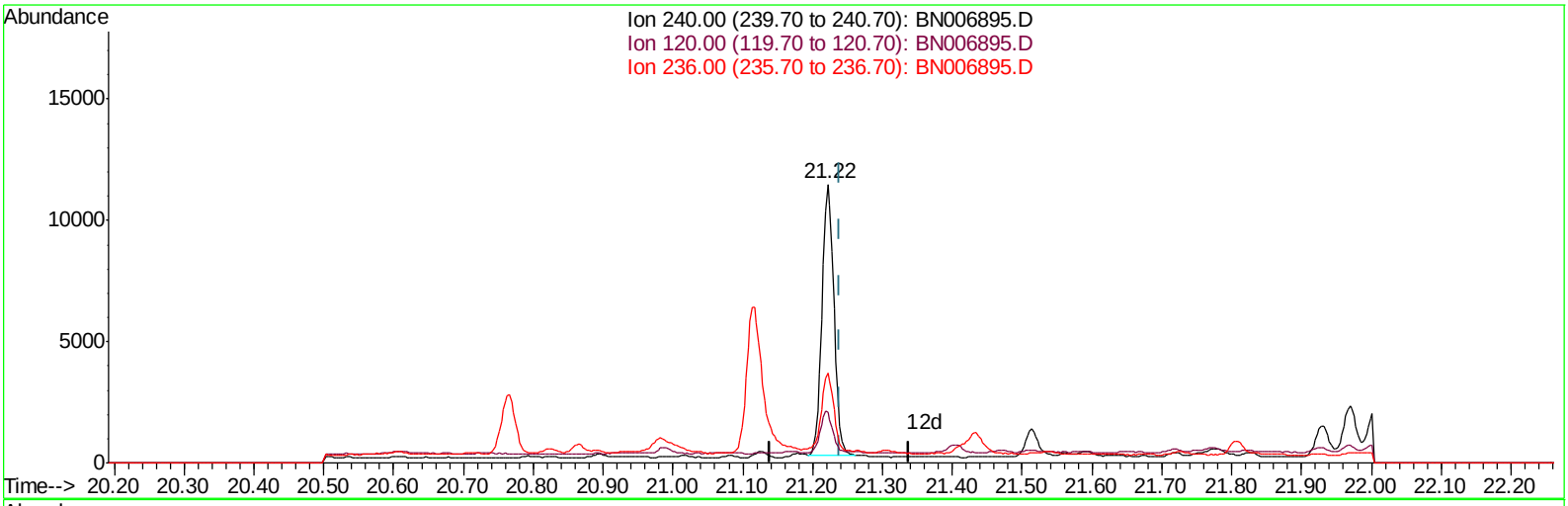
response 63

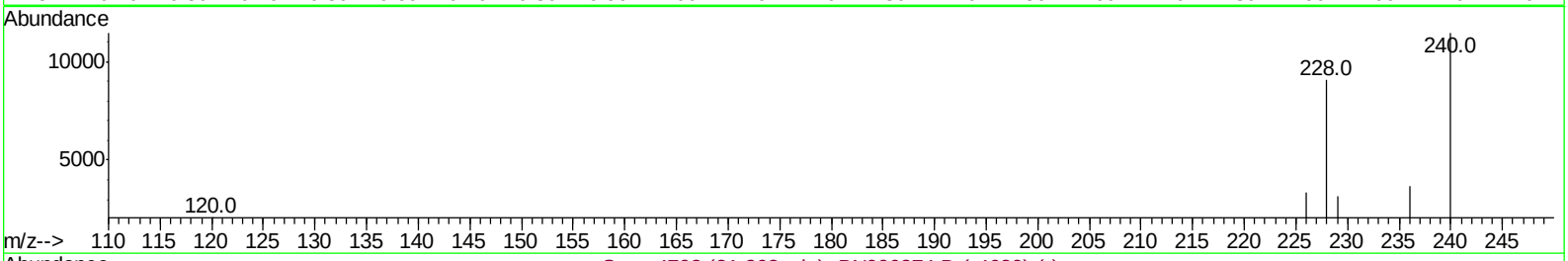
Ion	Exp%	Act%
240.00	100	100
120.00	20.20	162.59#
236.00	30.00	141.85#
0.00	0.00	0.00

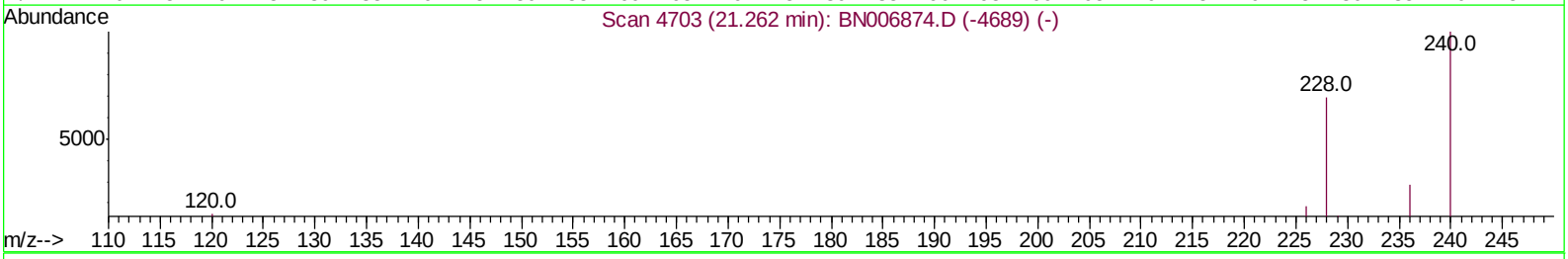
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(16) Chrysene-d12 (I)

21.222min (-0.017) 0.40ng/ul m

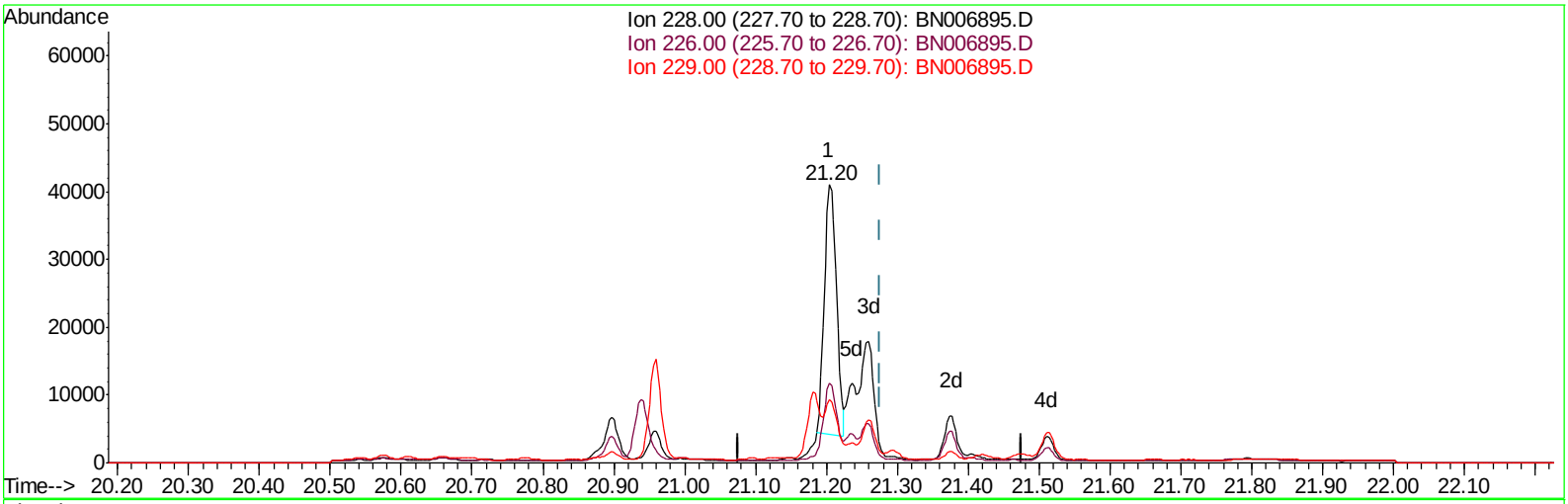
response 13064

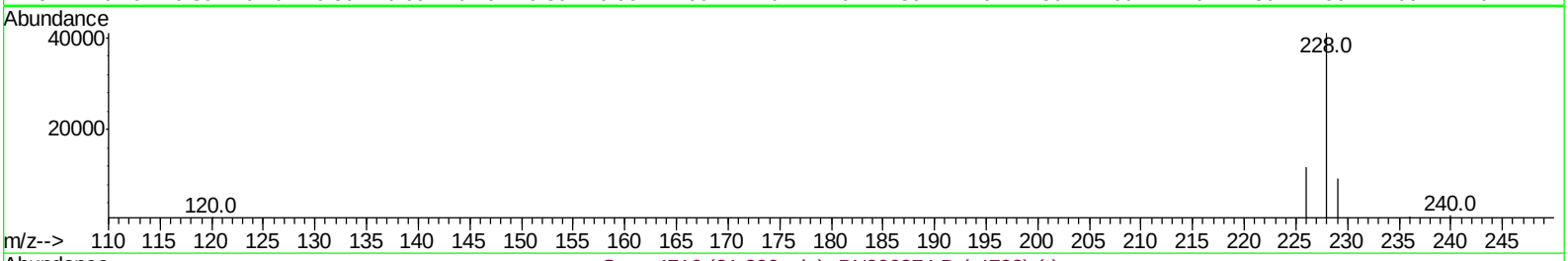
Ion	Exp%	Act%
240.00	100	100
120.00	20.20	17.98
236.00	30.00	32.17
0.00	0.00	0.00

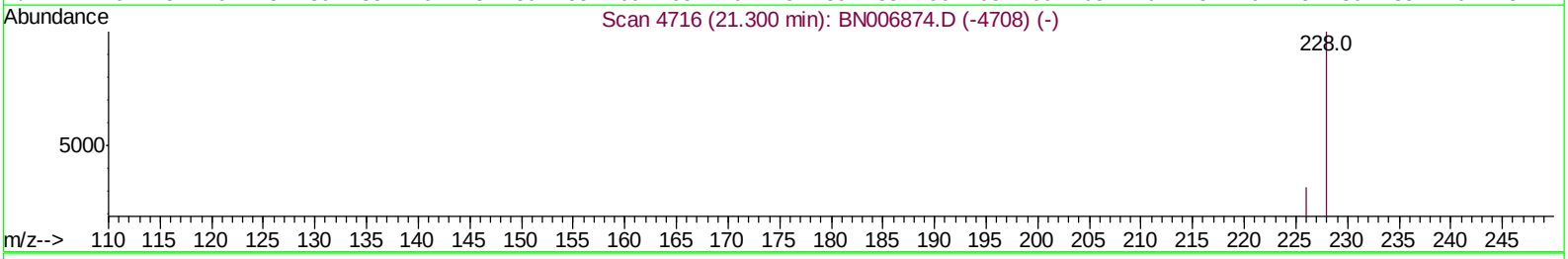
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(19) Chrysene

21.204min (-0.073) 0.72ng/ul

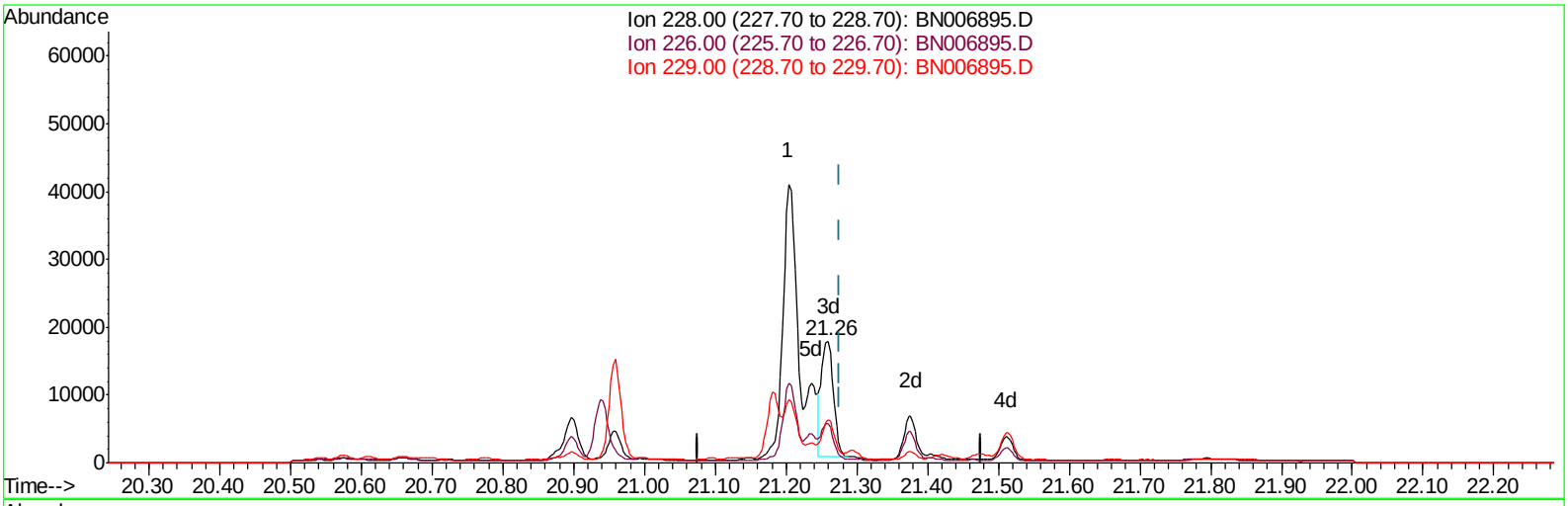
response 43262

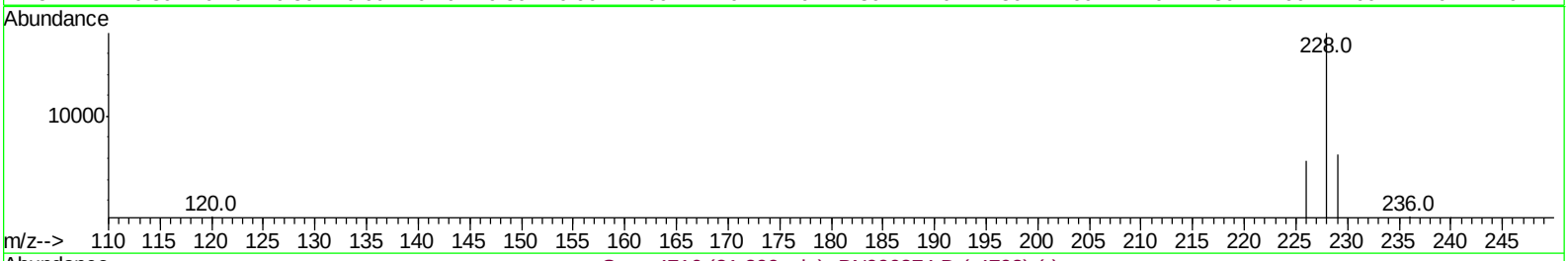
Ion	Exp%	Act%
228.00	100	100
226.00	30.30	28.74
229.00	19.40	22.56
0.00	0.00	0.00

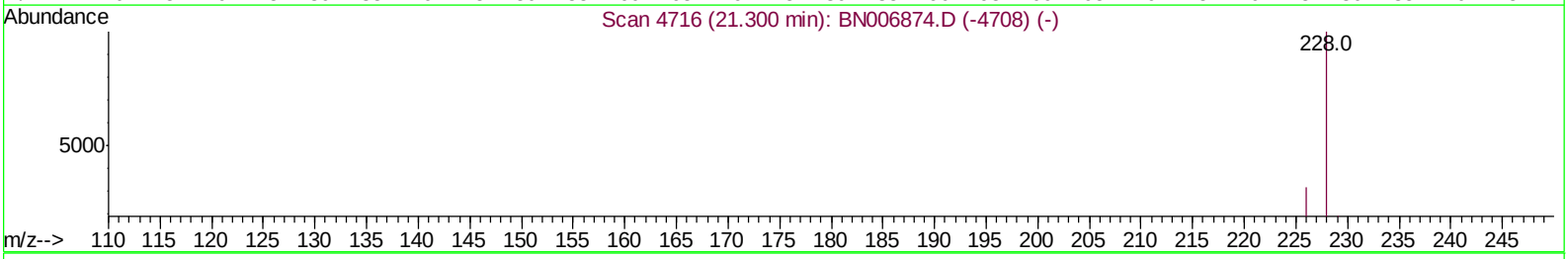
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(19) Chrysene

21.260min (-0.017) 0.34ng/ul m

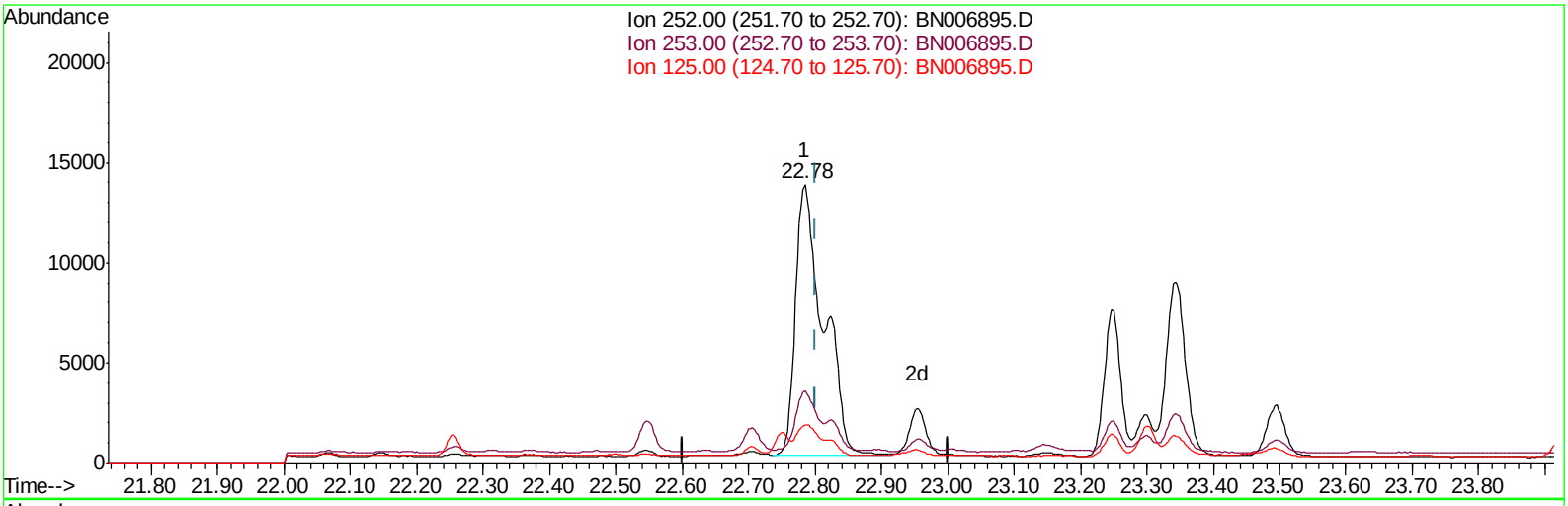
response 20519

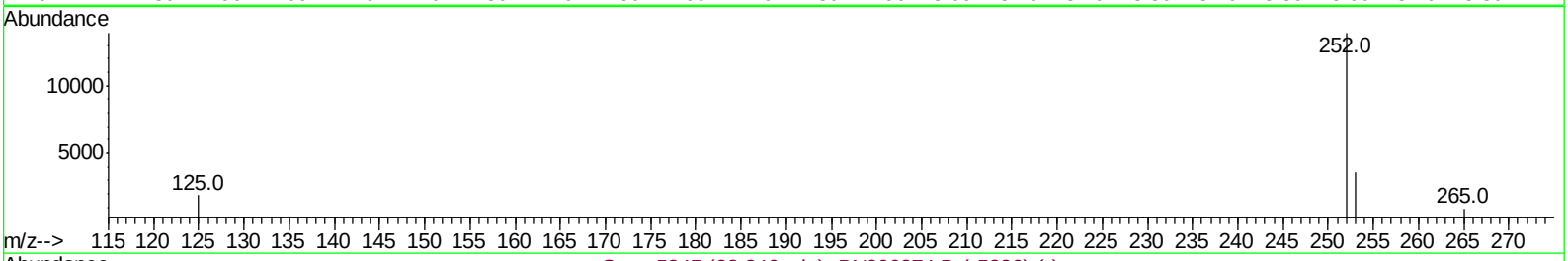
Ion	Exp%	Act%
228.00	100	100
226.00	30.30	32.18
229.00	19.40	35.62#
0.00	0.00	0.00

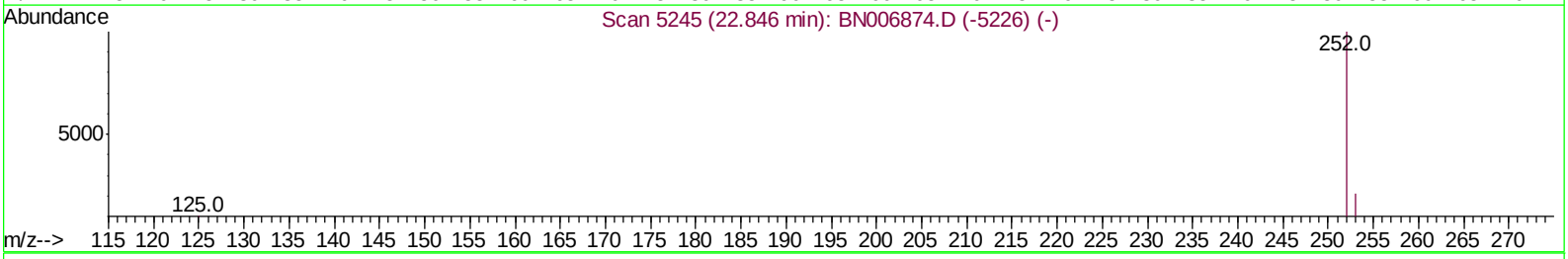
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(21) Benzo(b)fluoranthene

22.785min (-0.017) 0.49ng/ul

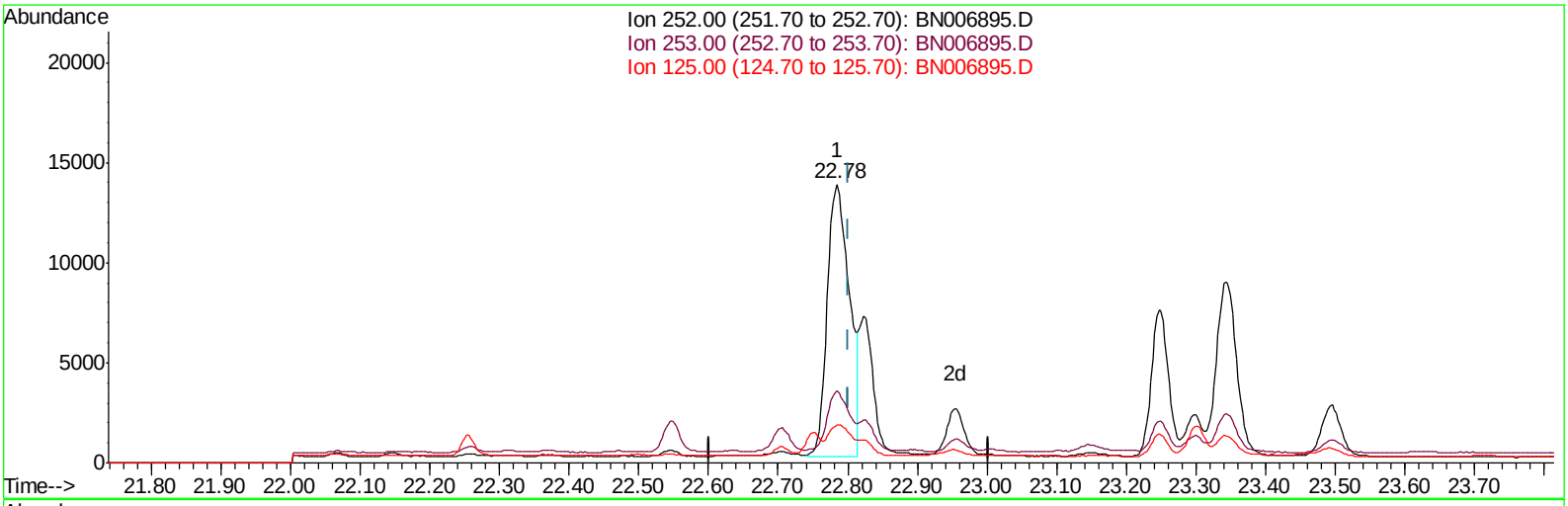
response 39595

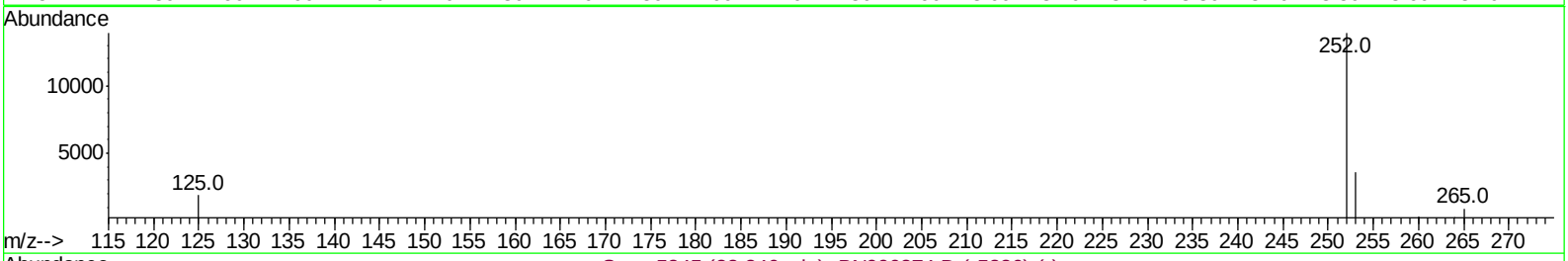
Ion	Exp%	Act%
252.00	100	100
253.00	23.90	25.77
125.00	14.60	13.55
0.00	0.00	0.00

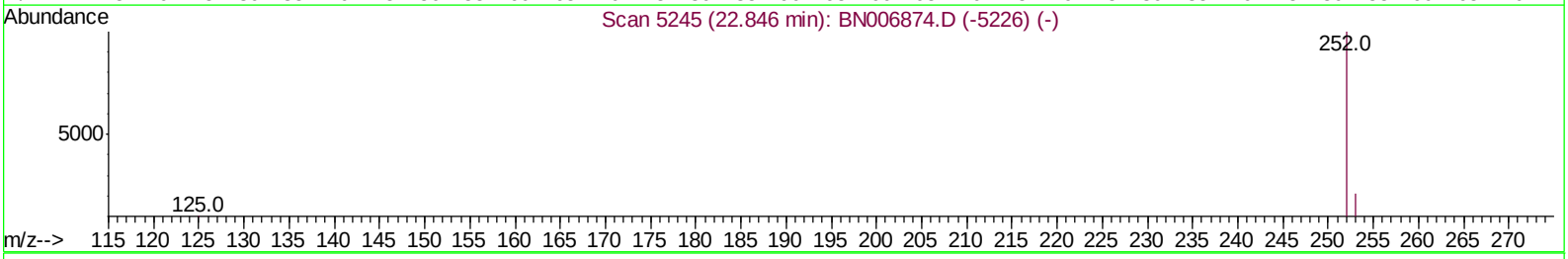
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(21) Benzo(b)fluoranthene

22.785min (-0.017) 0.38ng/ul m

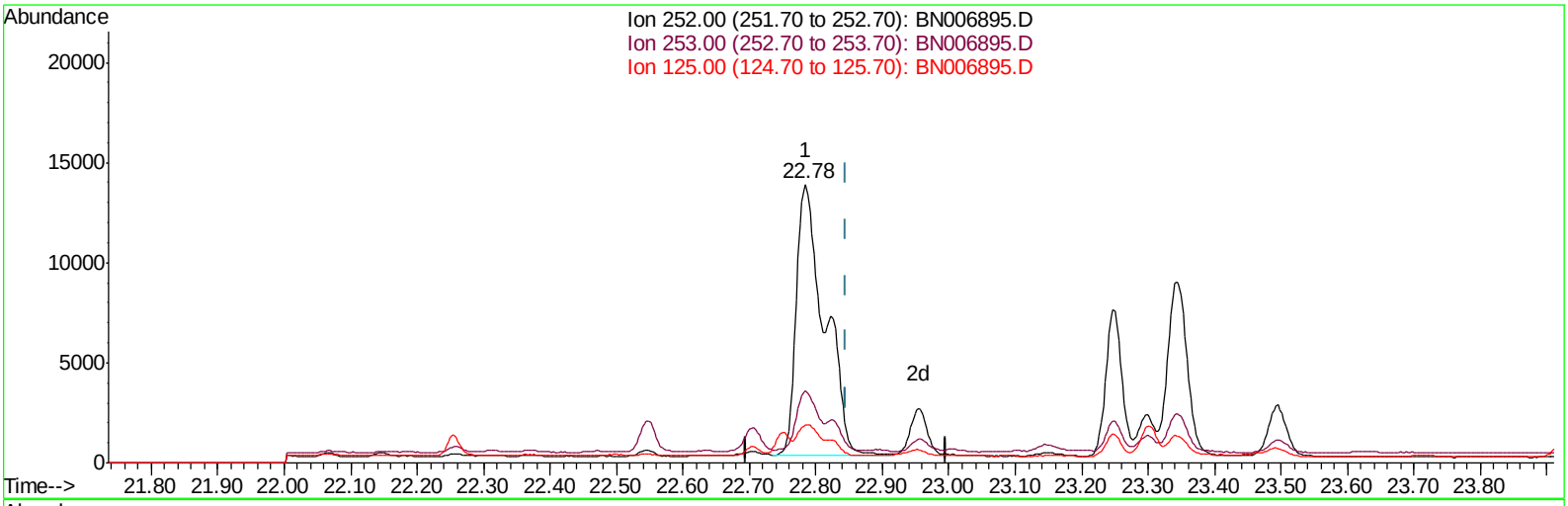
response 30448

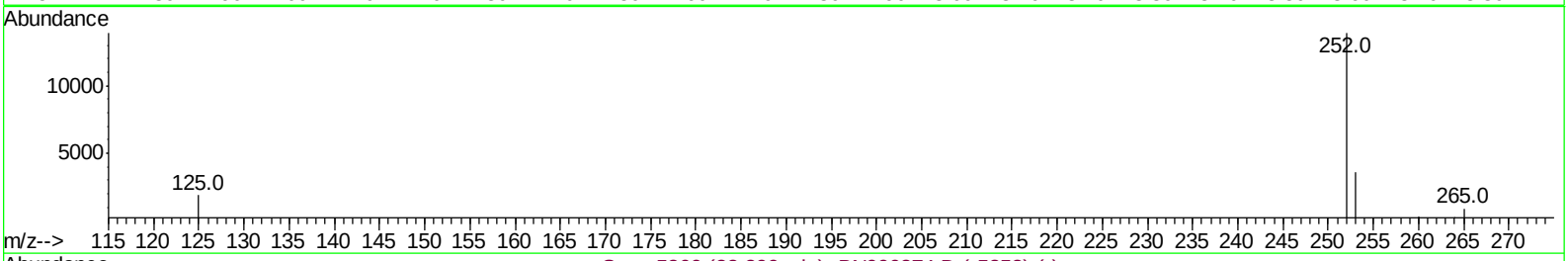
Ion	Exp%	Act%
252.00	100	100
253.00	23.90	25.77
125.00	14.60	13.55
0.00	0.00	0.00

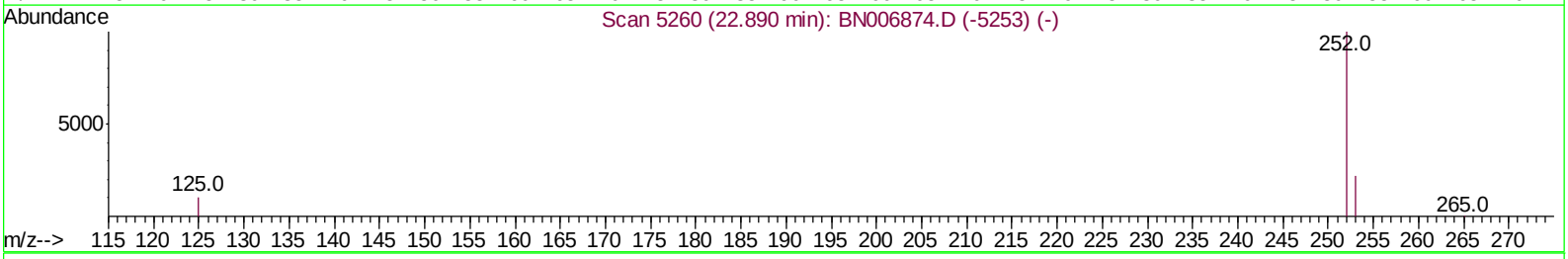
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(22) Benzo(k)fluoranthene

22.785min (-0.061) 0.47ng/ul

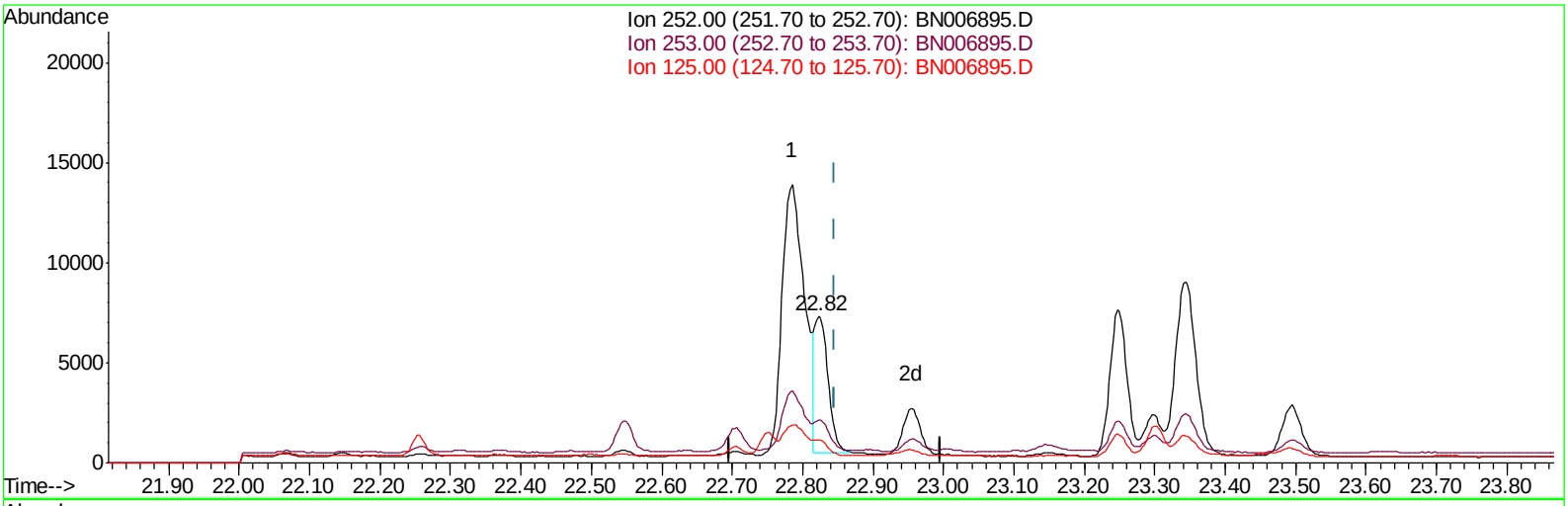
response 39586

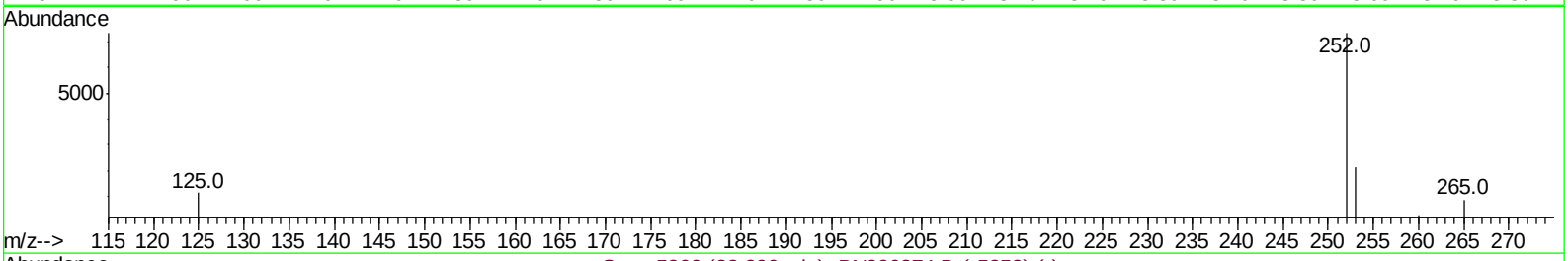
Ion	Exp%	Act%
252.00	100	100
253.00	24.00	25.77
125.00	13.80	13.55
0.00	0.00	0.00

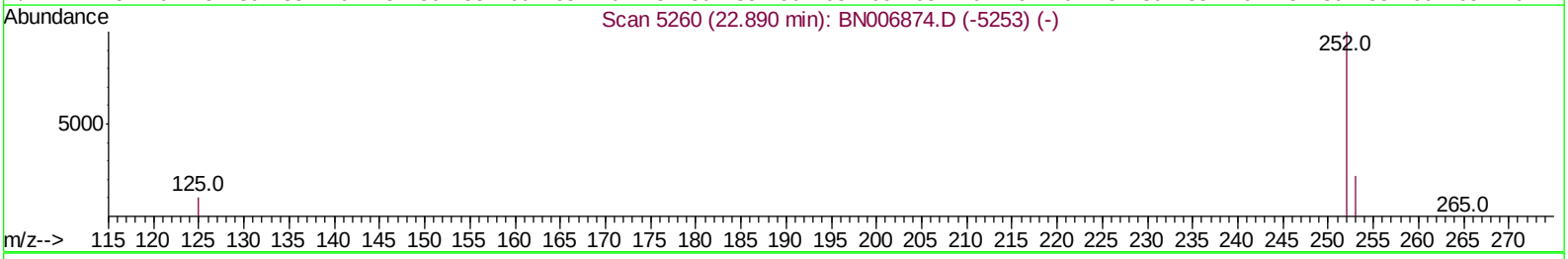
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration







TIC: BN006895.D

(22) Benzo(k)fluoranthene

22.823min (-0.023) 0.11ng/ul m

response 8979

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	29.35#
125.00	13.80	15.45
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:51:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3667	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	13828	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	13383	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	15445m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	13064m	0.40	ng/ul	-0.02
20) Perylene-d12	23.45	264	19559	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	5192	0.24	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	12668m	0.28	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.42	128	23229289	585.123	ng/ul	97
5) 2-Methylnaphthalene	12.04	142	6906641	257.471	ng/ul	98
7) Acenaphthylene	13.95	152	306057	4.431	ng/ul	98
8) Acenaphthene	14.30	153	3098310	58.194	ng/ul	99
9) Fluorene	15.29	166	2048795	35.114	ng/ul	99
11) Pentachlorophenol	16.66	266	509m	0.221	ng/ul	
12) Phenanthrene	17.04	178	2641143m	53.159	ng/ul	
13) Anthracene	17.12	178	202562m	4.718	ng/ul	
15) Fluoranthene	19.07	202	741941m	12.078	ng/ul	
17) Pyrene	19.43	202	448946	7.520	ng/ul	96
18) Benzo(a)anthracene	21.20	228	53598	0.999	ng/ul	97
19) Chrysene	21.26	228	20519m	0.343	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	30448m	0.380	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	8979m	0.107	ng/ul	
23) Benzo(a)pyrene	23.34	252	17615	0.224	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.67	276	5480	0.069	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.67	278	1451	0.023	ng/ul#	1
26) Benzo(g,h,i)perylene	26.36	276	4323	0.065	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 03:51:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration