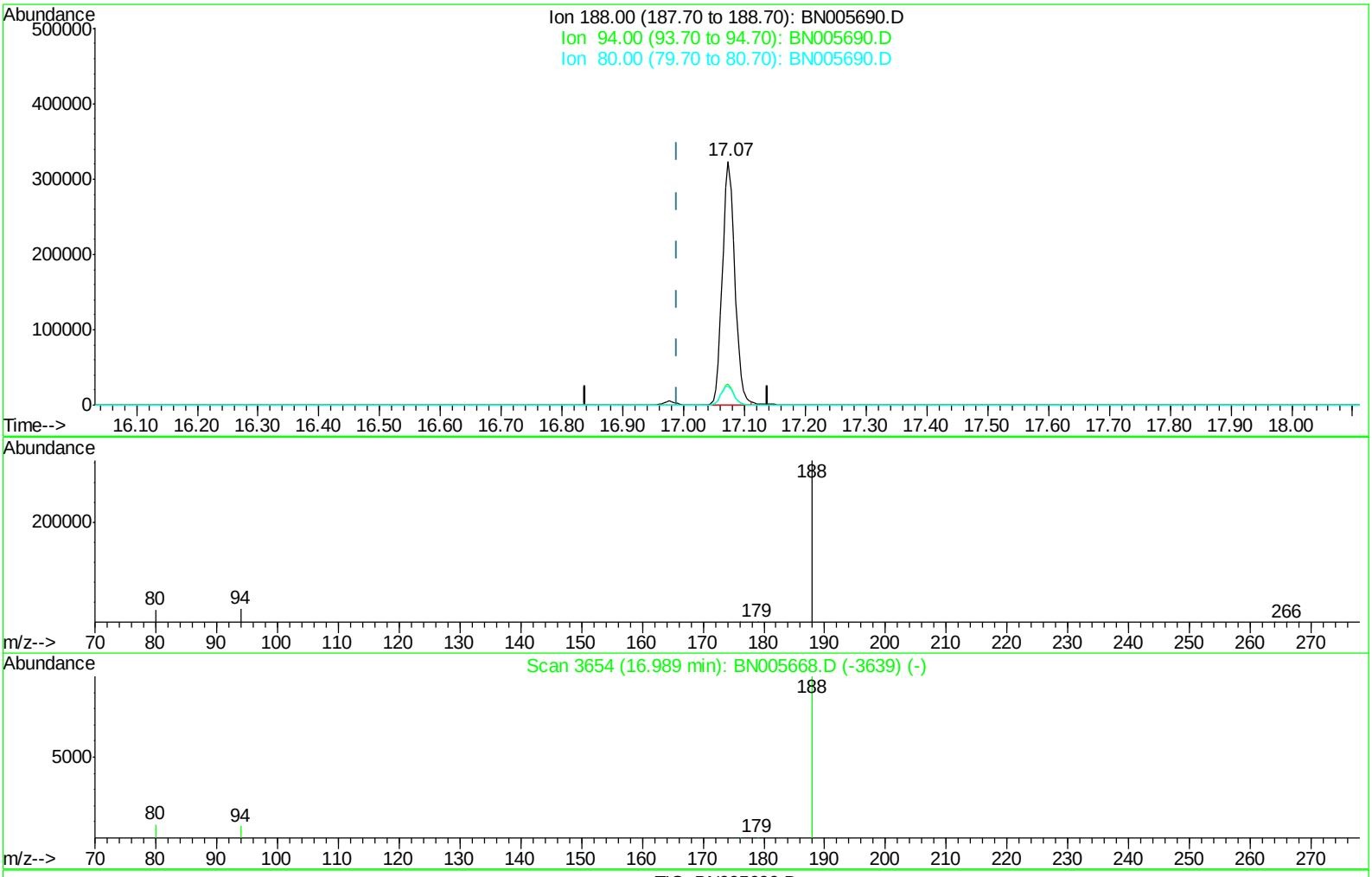
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:50:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(10) Phenanthrene-d10 (I)

17.073min (+0.084) 0.40ng/ul

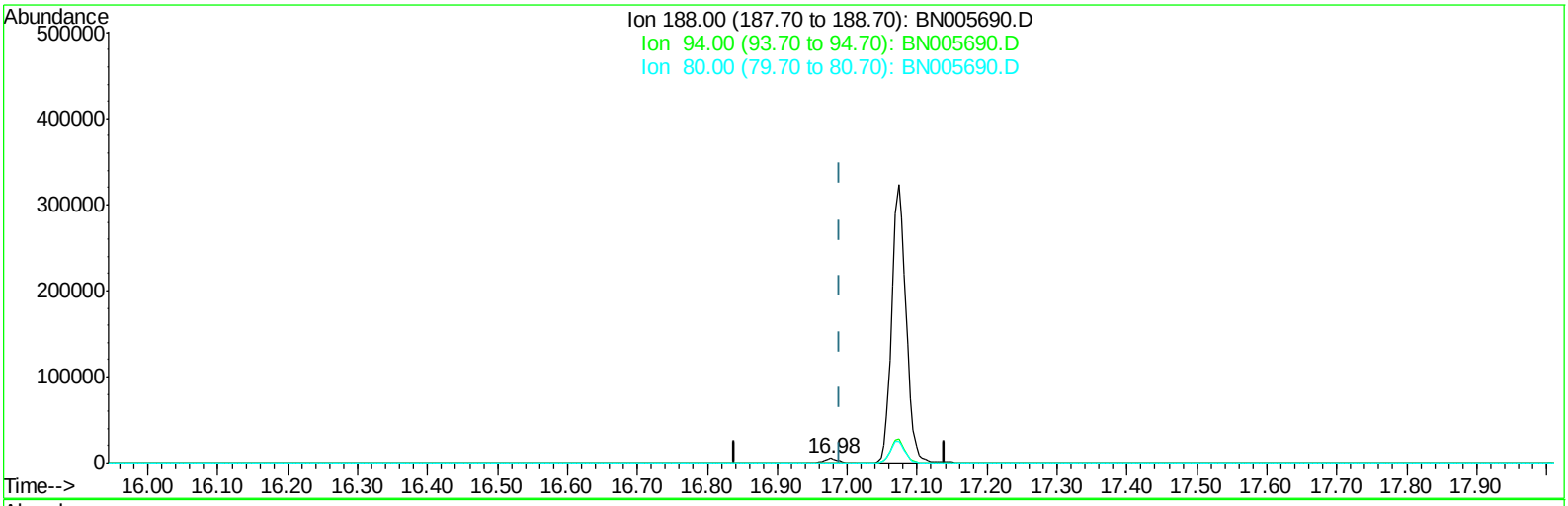
response 459379

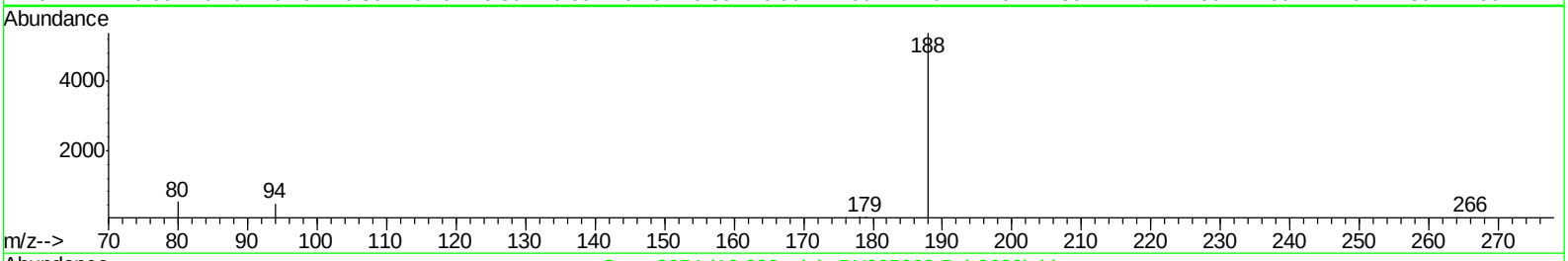
| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 9.40 | 8.53 |
| 80.00 | 9.80 | 7.79# |
| 0.00 | 0.00 | 0.00 |

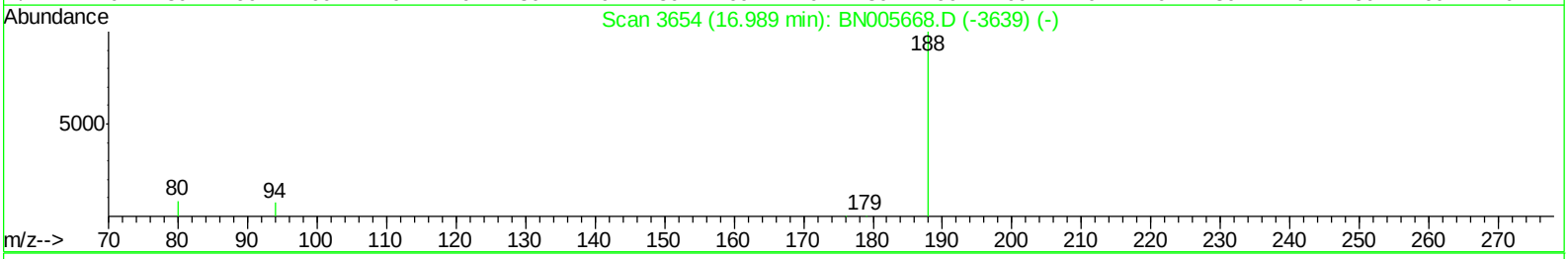
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:50:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m

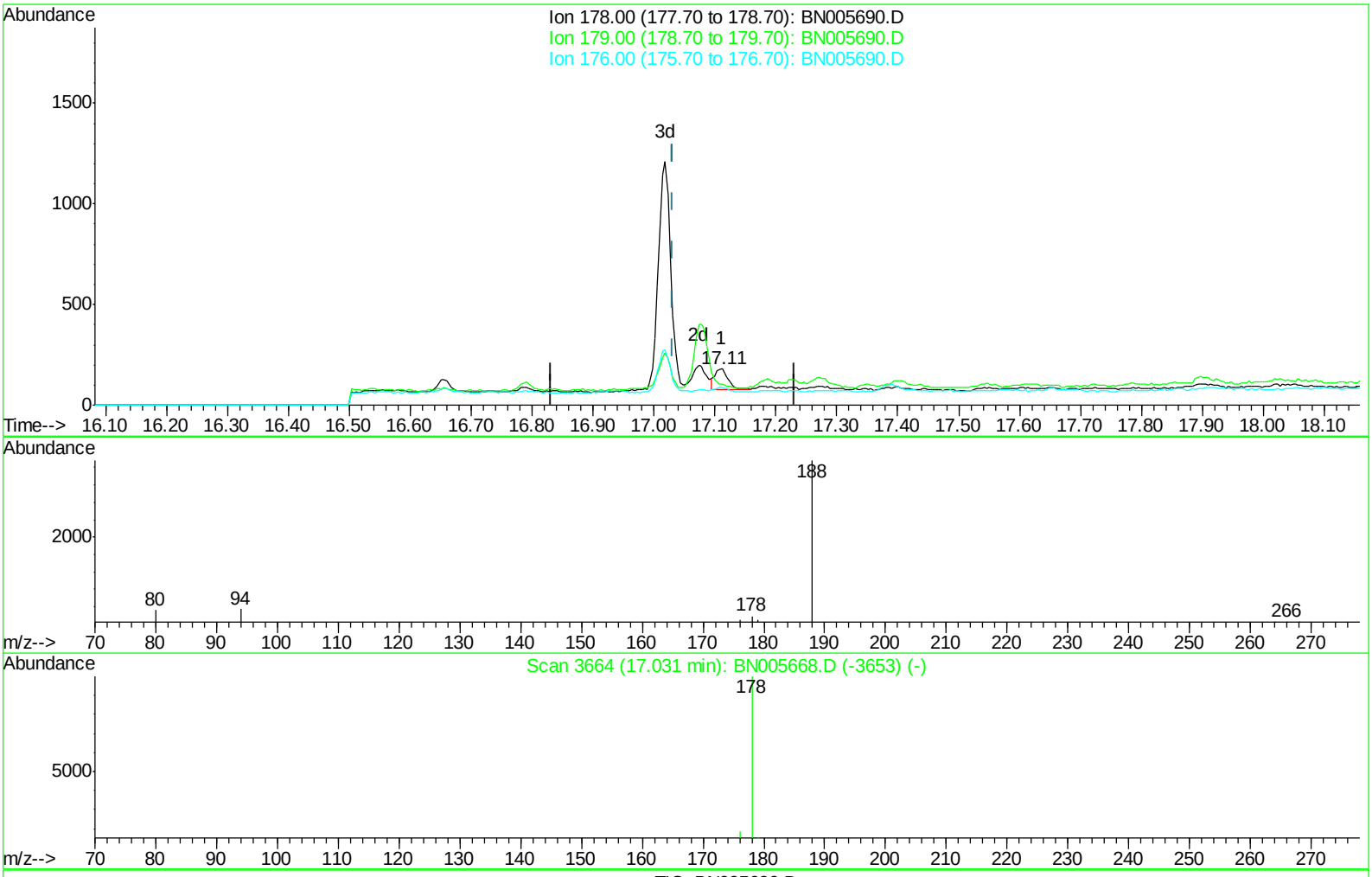
response 7892

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 9.40 | 8.60 |
| 80.00 | 9.80 | 9.51 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(12) Phenanthrene

17.111min (+0.080) 0.01ng/ul

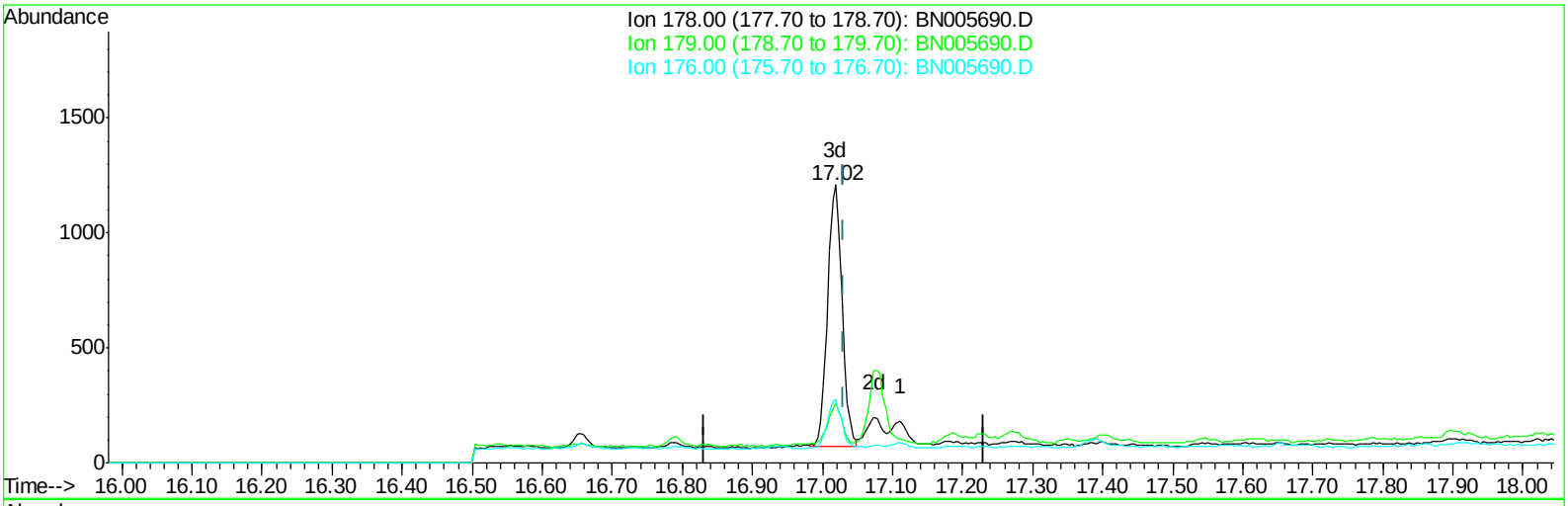
response 156

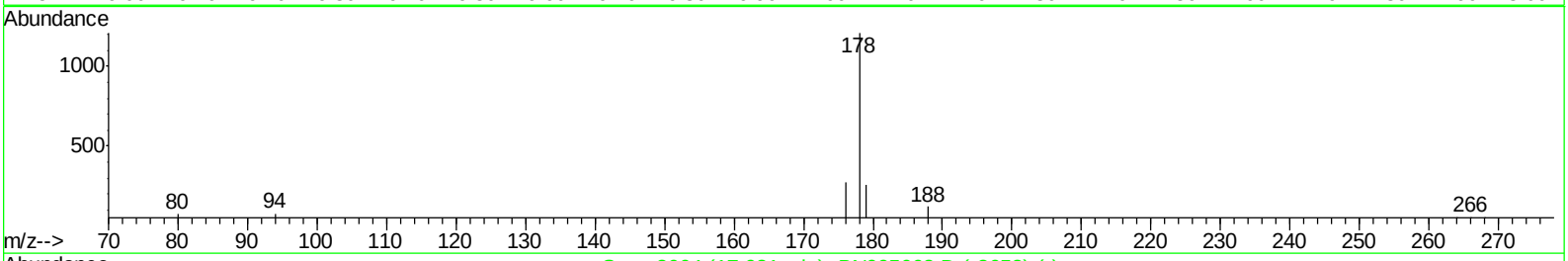
| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100 | 100 |
| 179.00 | 16.00 | 57.78# |
| 176.00 | 19.10 | 48.89# |
| 0.00 | 0.00 | 0.00 |

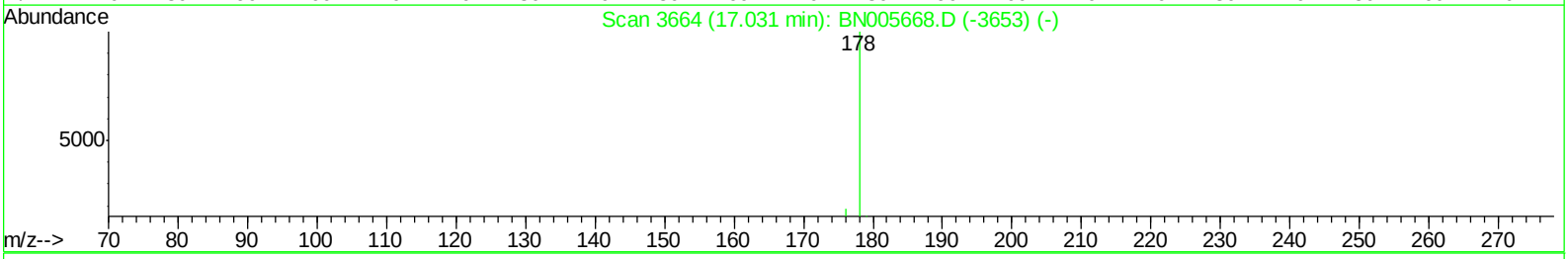
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(12) Phenanthrene

17.019min (-0.013) 0.07ng/ul m

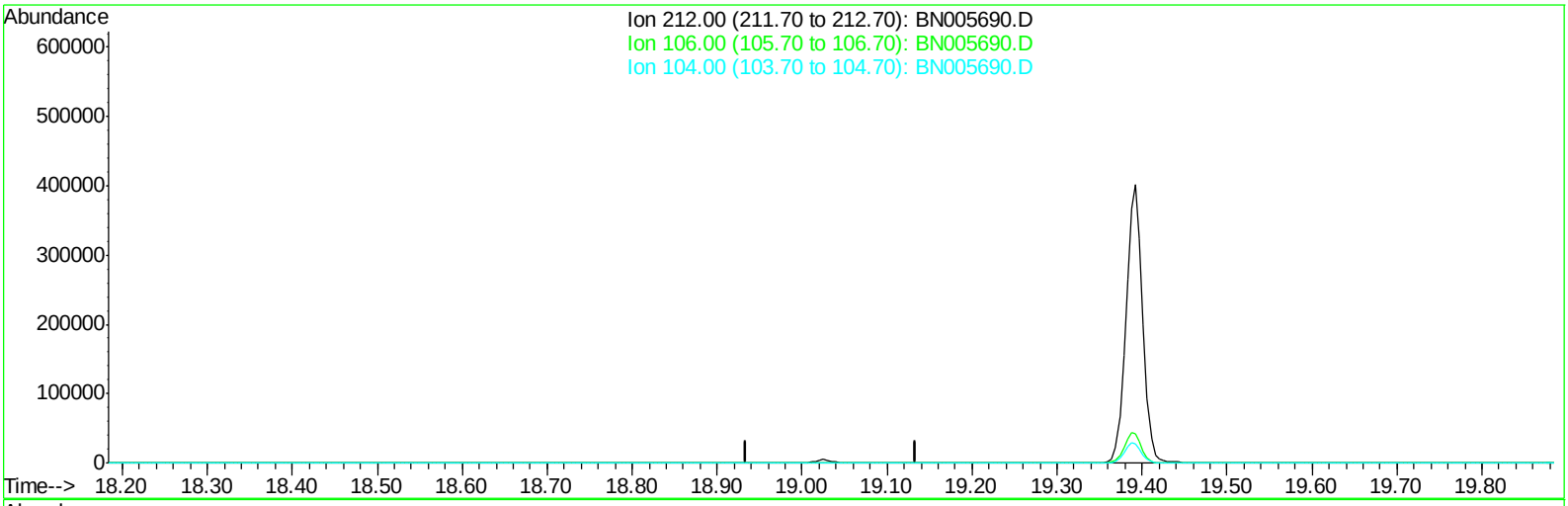
response 1612

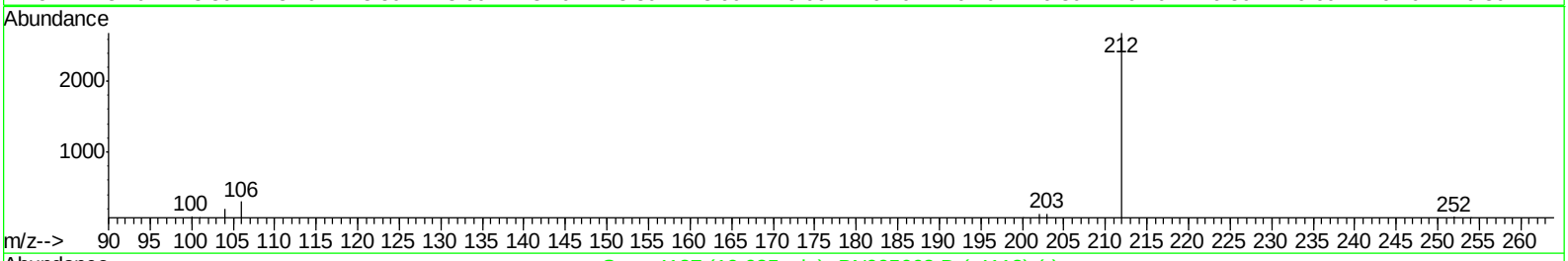
| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100 | 100 |
| 179.00 | 16.00 | 21.57# |
| 176.00 | 19.10 | 22.89 |
| 0.00 | 0.00 | 0.00 |

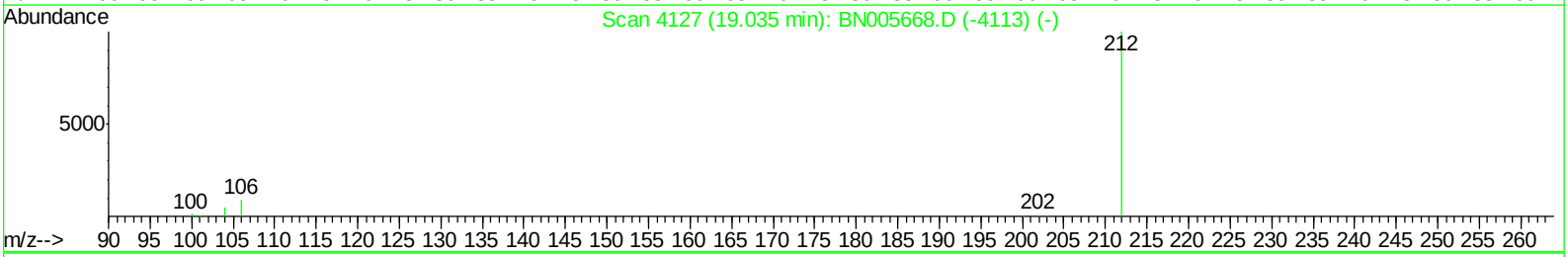
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(14) Fluoranthene-d10 (SURR)

19.035min (-19.035) 0.00ng/ul

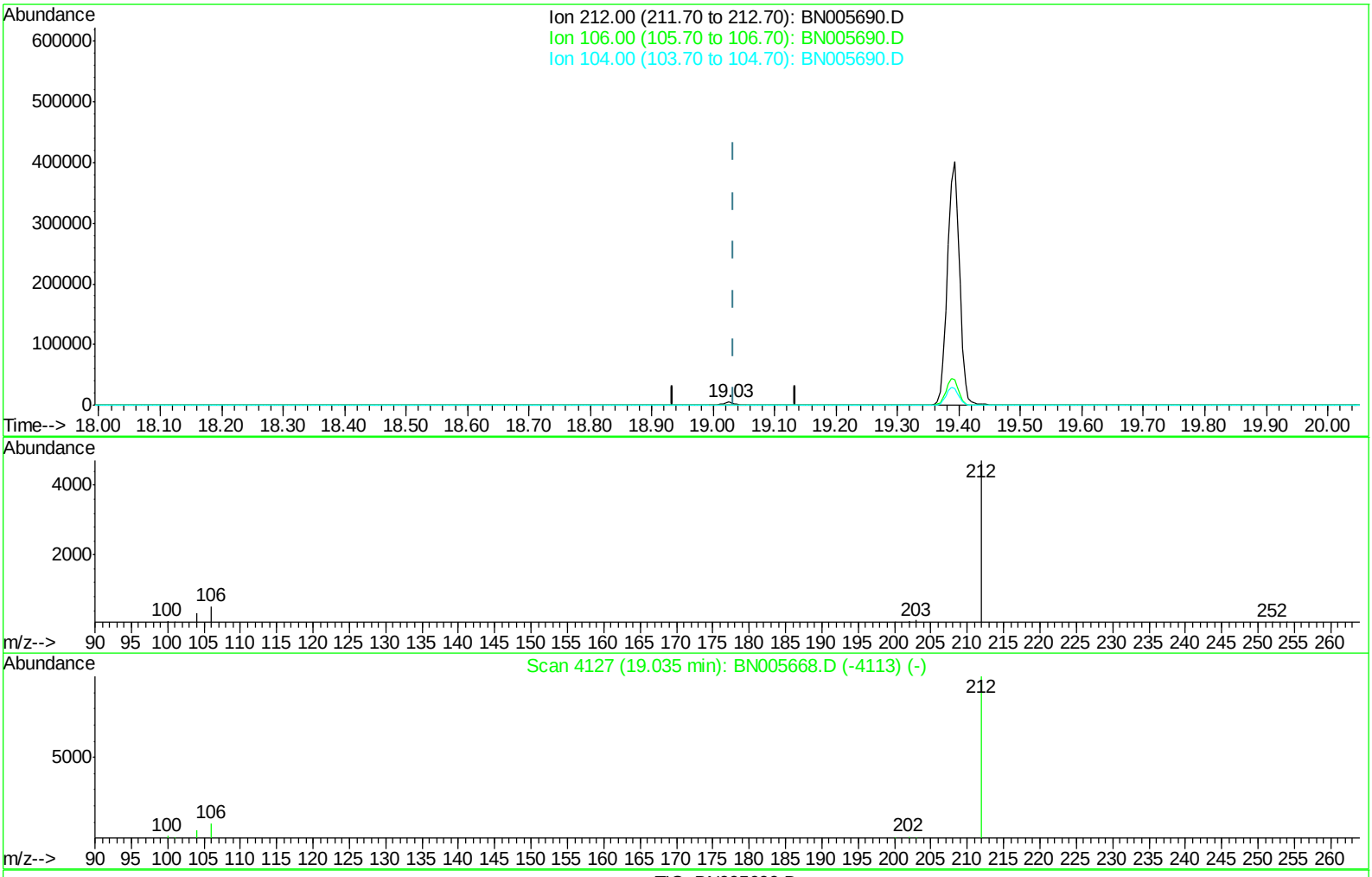
response 0

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 0.00 |
| 106.00 | 10.80 | 0.00# |
| 104.00 | 6.20 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(14) Fluoranthene-d10 (SURR)

19.025min (-0.009) 0.26ng/ul m

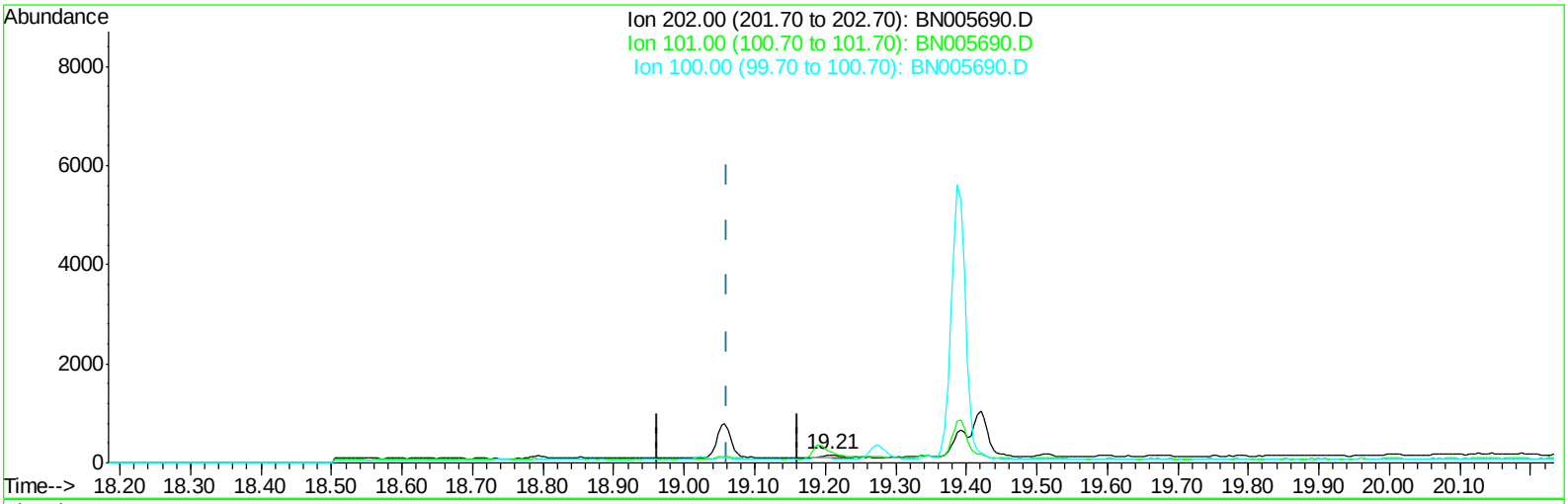
response 6563

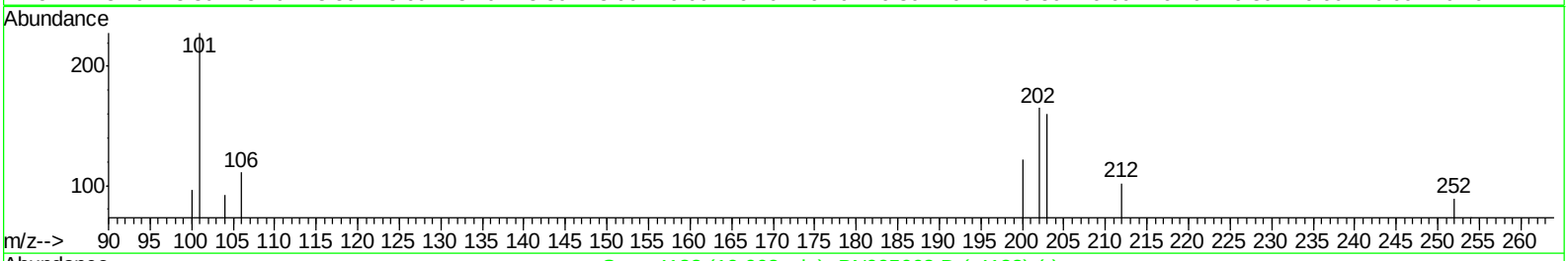
| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 10.80 | 0.00# |
| 104.00 | 6.20 | 0.00# |
| 0.00 | 0.00 | 0.00 |

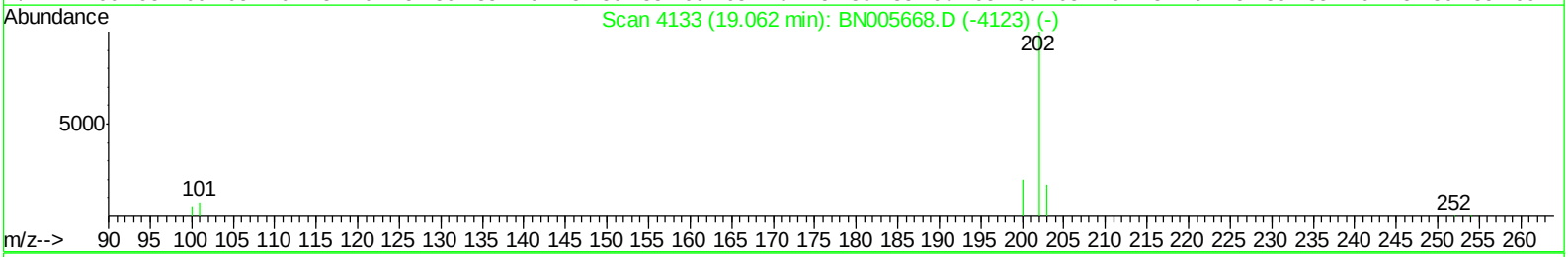
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(15) Fluoranthene (C)

19.206min (+0.144) 0.00ng/ul

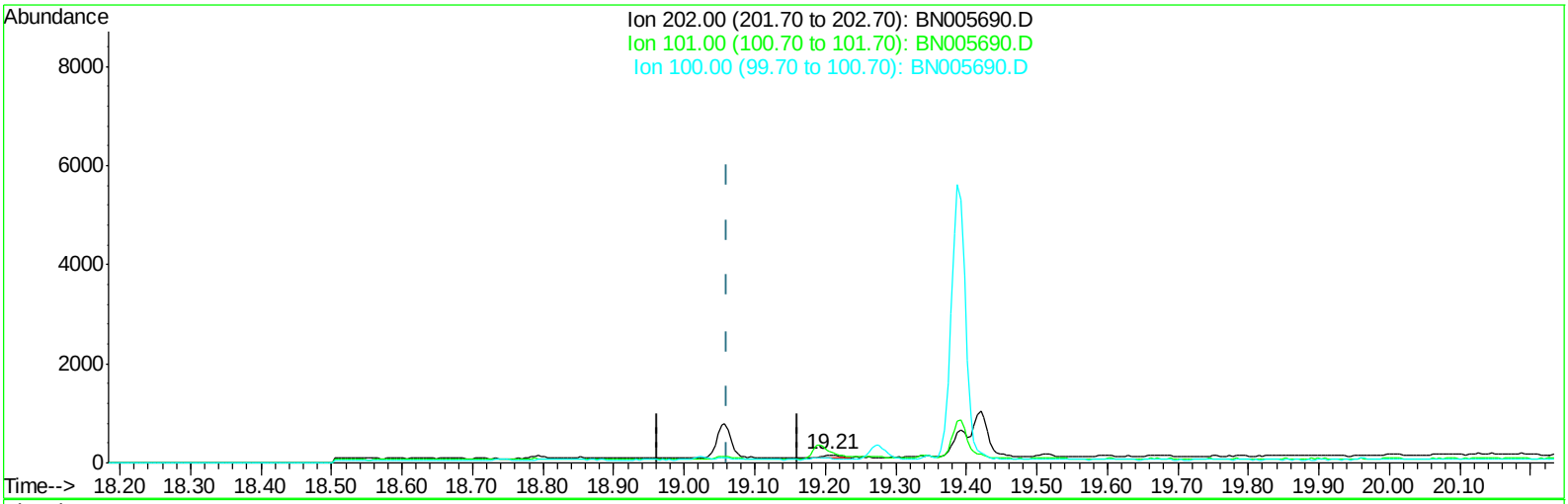
response 102

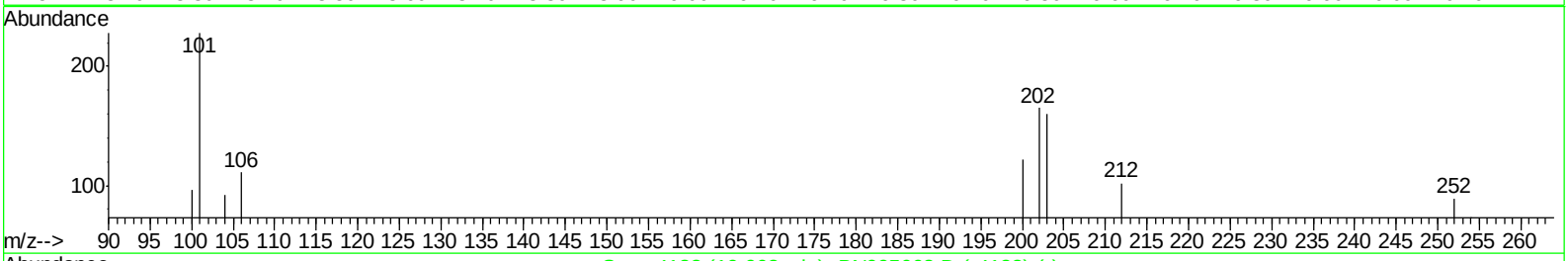
| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100 | 100 |
| 101.00 | 9.40 | 138.18# |
| 100.00 | 7.10 | 58.18# |
| 0.00 | 0.00 | 0.00 |

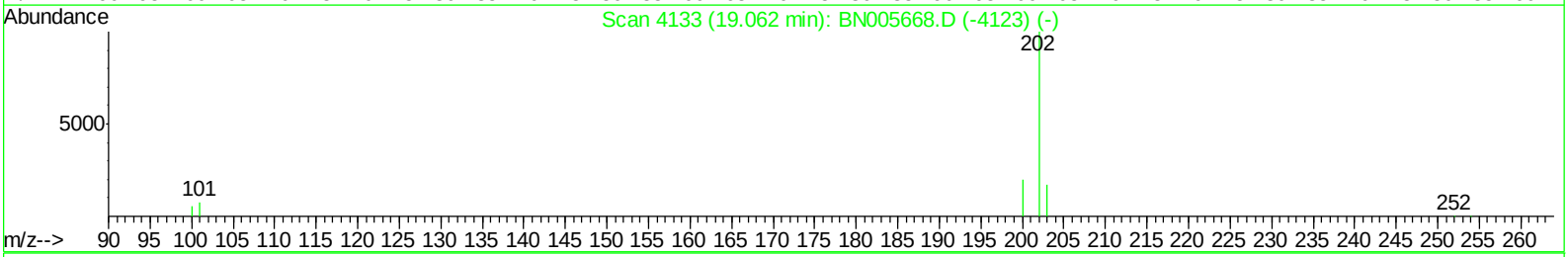
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(15) Fluoranthene (C)

19.206min (+0.144) 0.00ng/ul

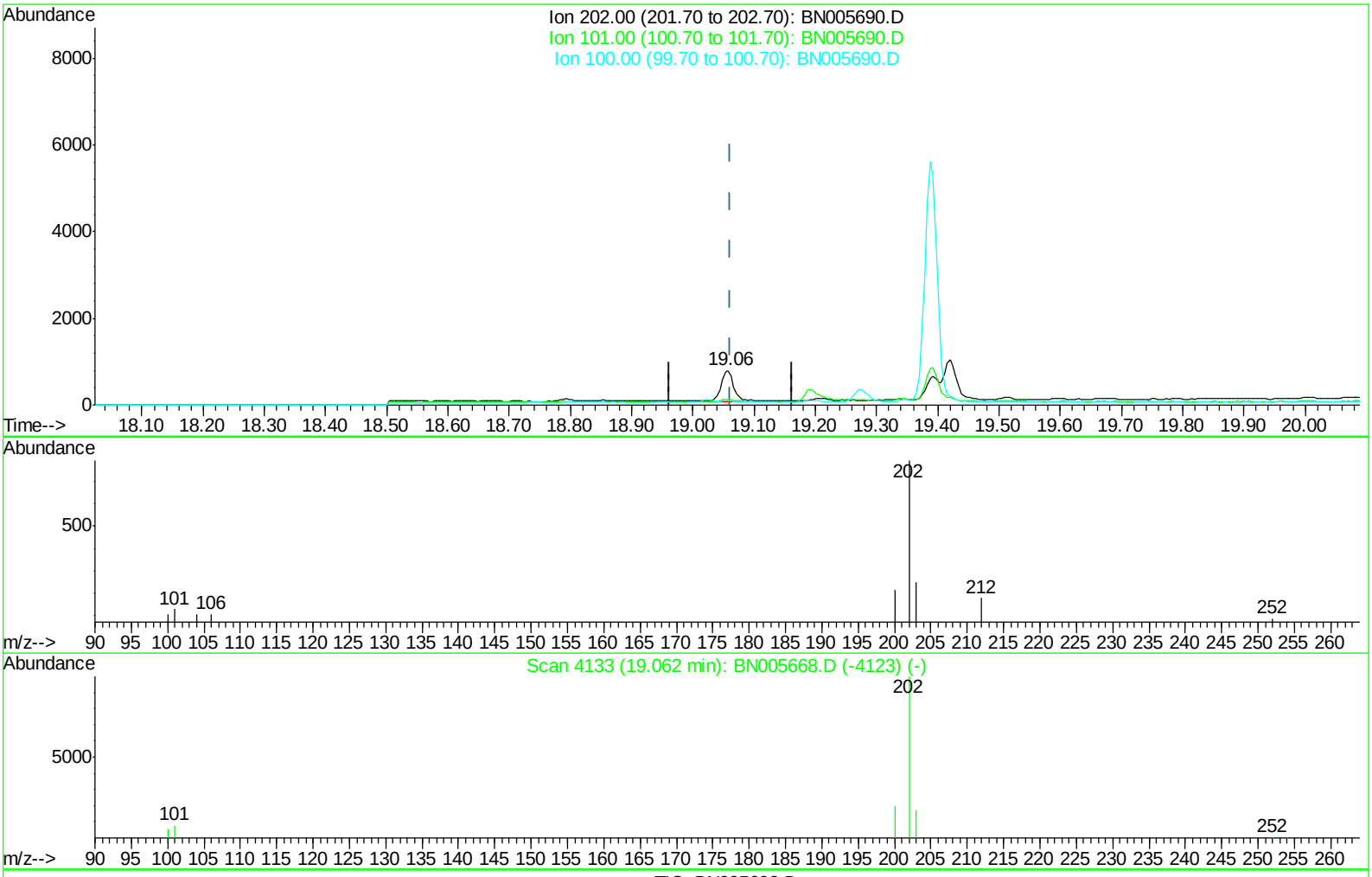
response 102

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100 | 100 |
| 101.00 | 9.40 | 138.18# |
| 100.00 | 7.10 | 58.18# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(15) Fluoranthene (C)

19.058min (-0.005) 0.03ng/ul m

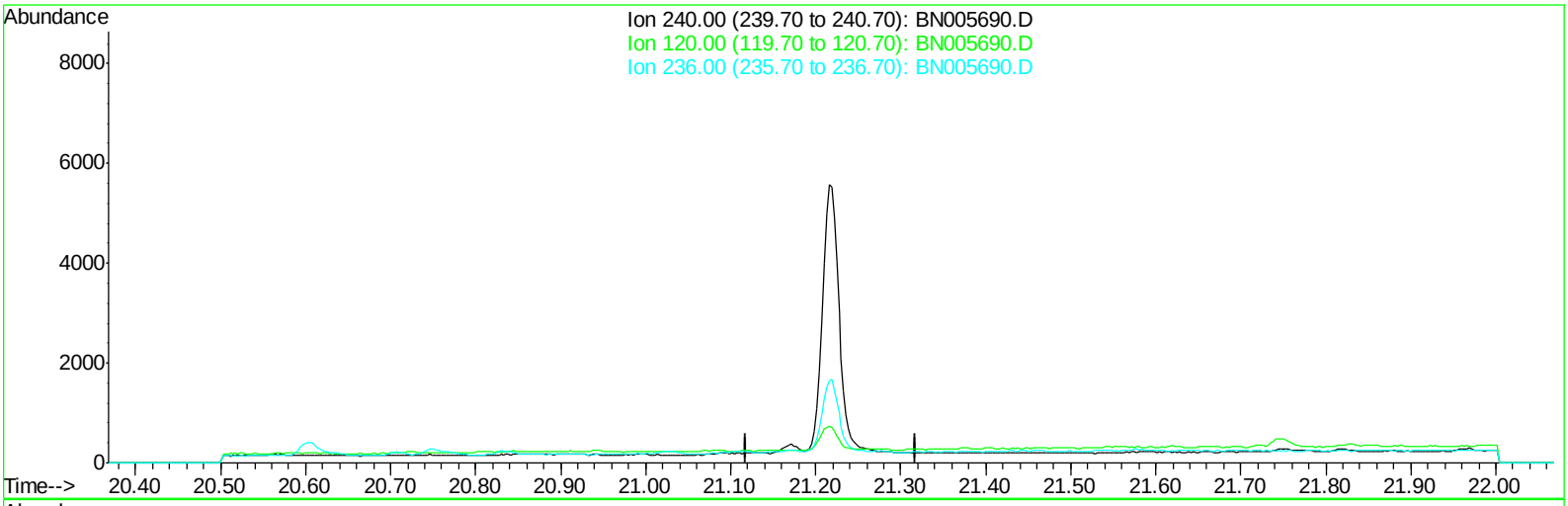
response 991

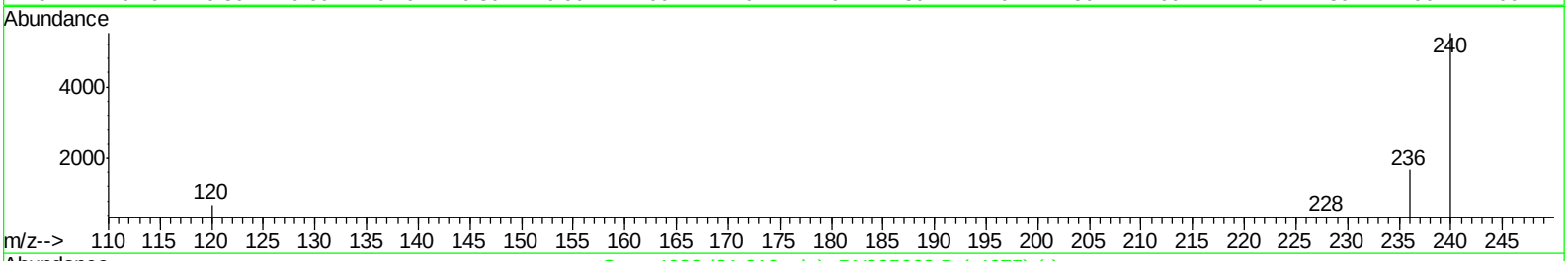
| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100 | 100 |
| 101.00 | 9.40 | 16.50 |
| 100.00 | 7.10 | 13.35 |
| 0.00 | 0.00 | 0.00 |

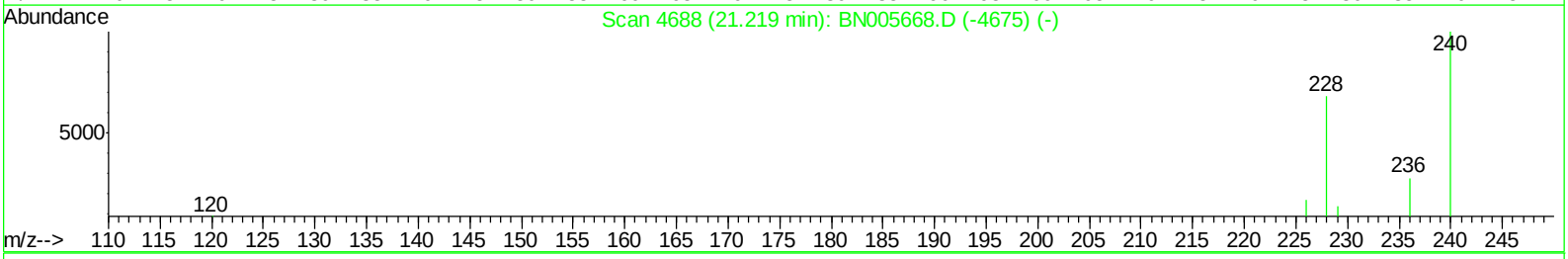
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(16) Chrysene-d12 (I)

21.219min (-21.219) 0.00ng/ul

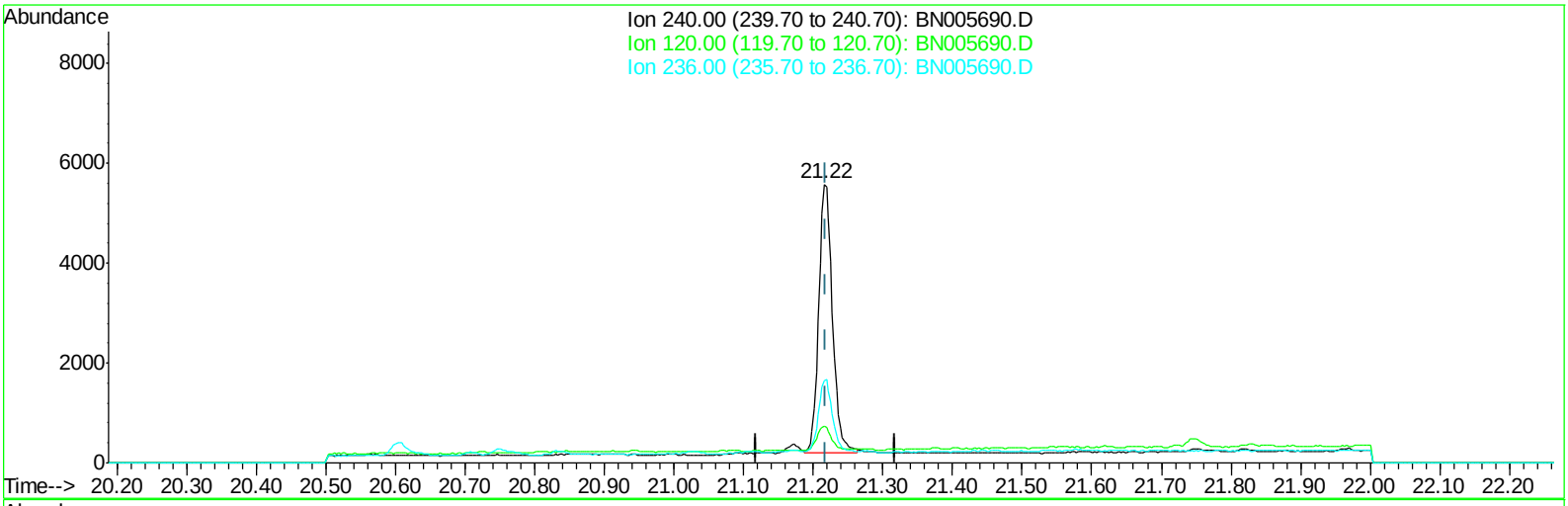
response 0

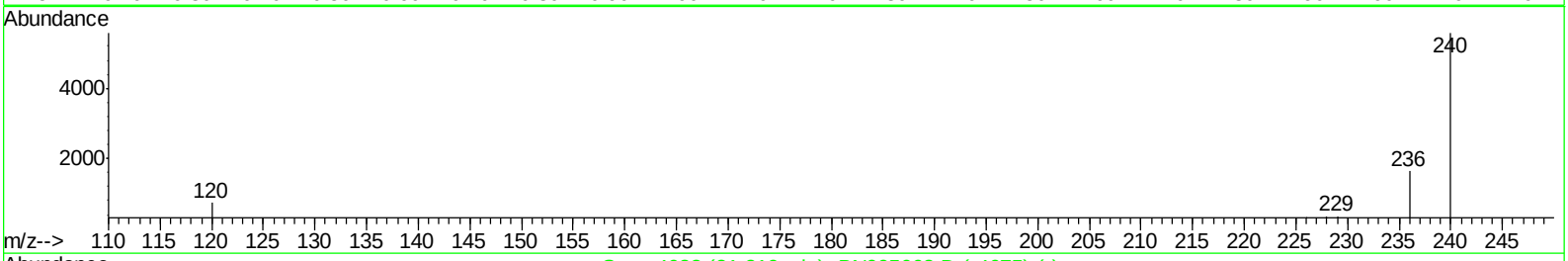
| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 0.00 |
| 120.00 | 11.90 | 0.00# |
| 236.00 | 28.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

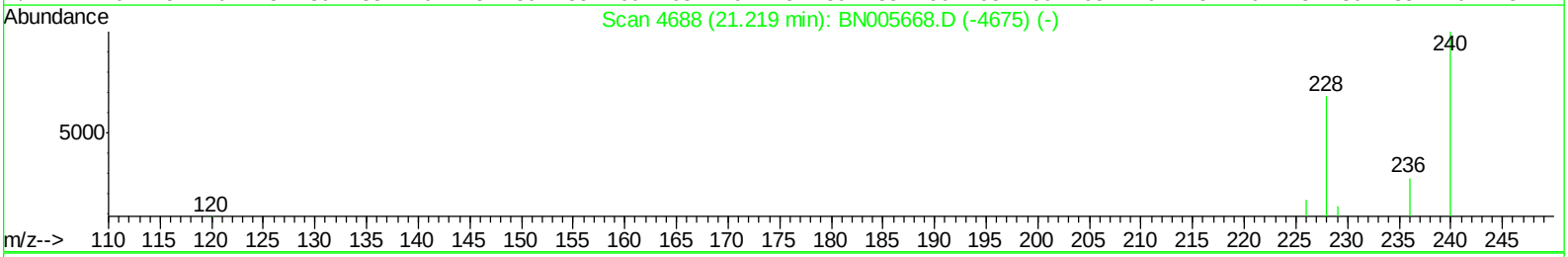
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(16) Chrysene-d12 (I)

21.216min (-0.003) 0.40ng/ul m

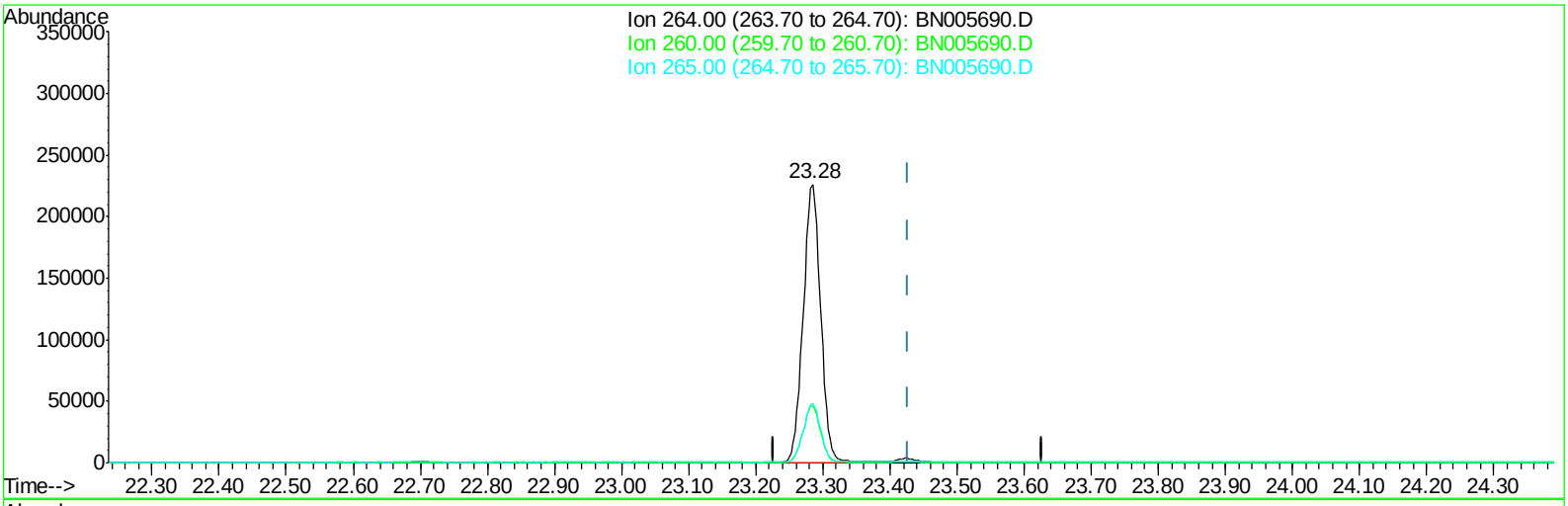
response 7354

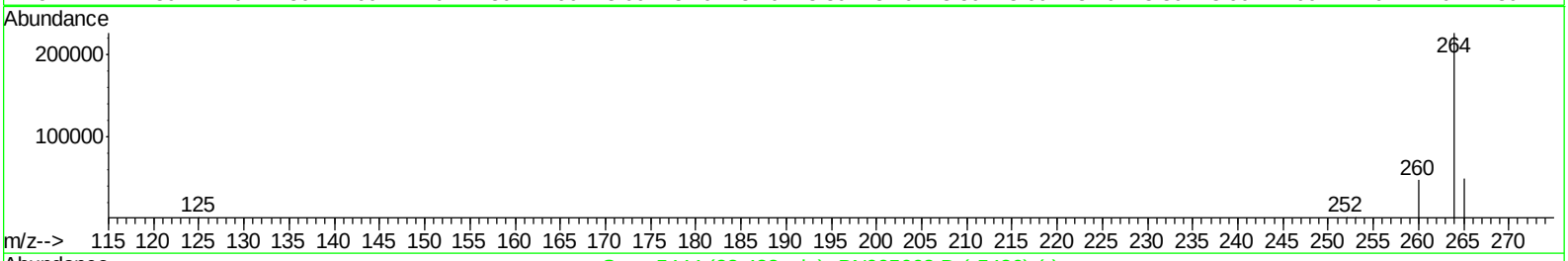
| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 100 |
| 120.00 | 11.90 | 13.26 |
| 236.00 | 28.00 | 29.42 |
| 0.00 | 0.00 | 0.00 |

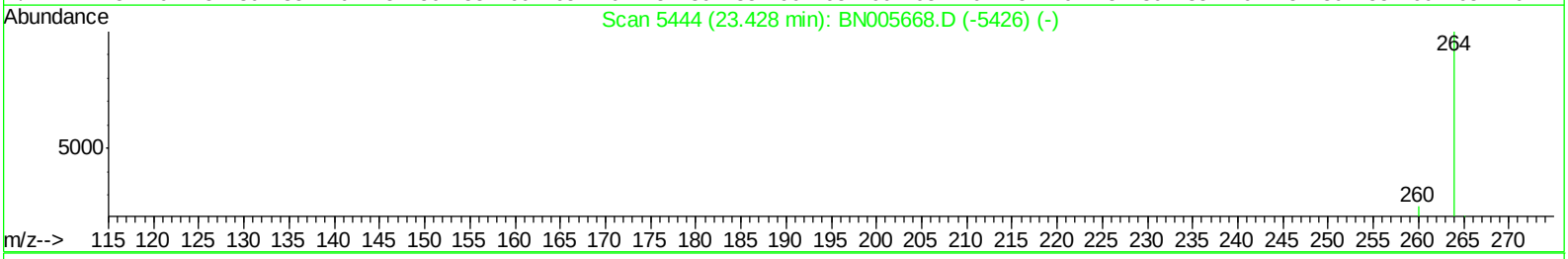
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:54:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(20) Perylene-d12 (I)

23.285min (-0.143) 0.40ng/ul

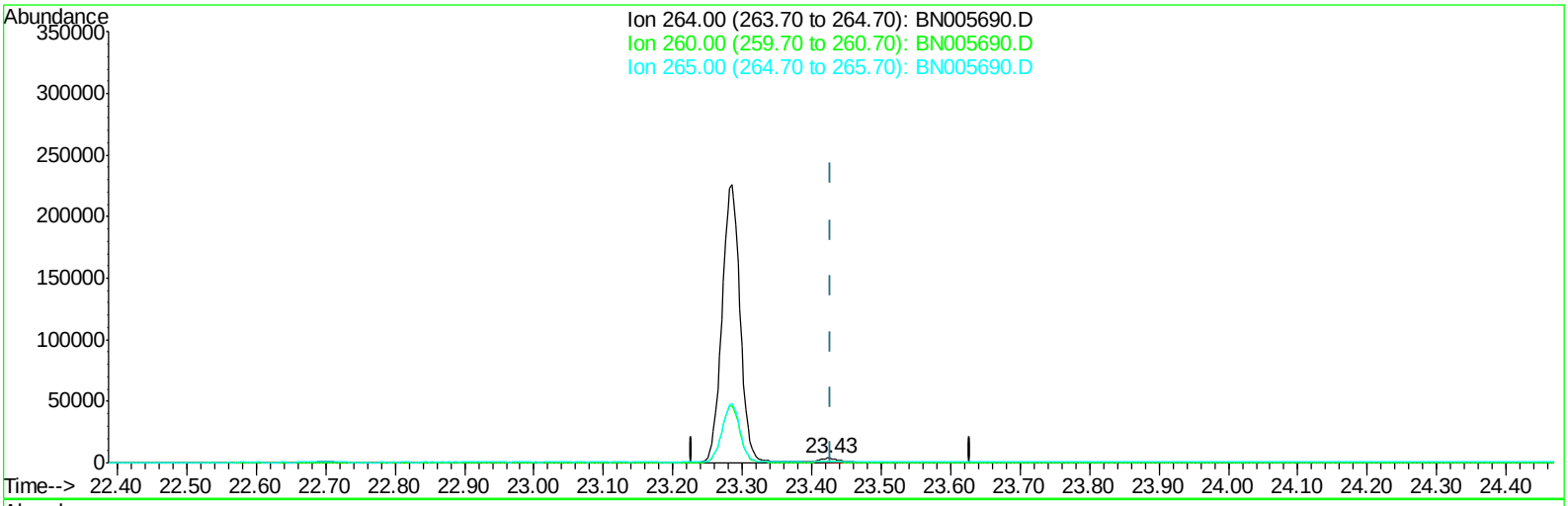
response 408566

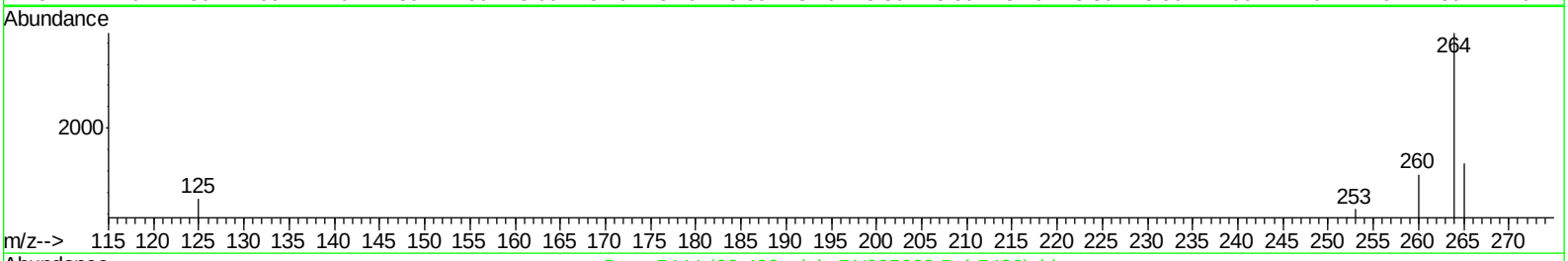
| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 25.30 | 20.67 |
| 265.00 | 31.70 | 21.41# |
| 0.00 | 0.00 | 0.00 |

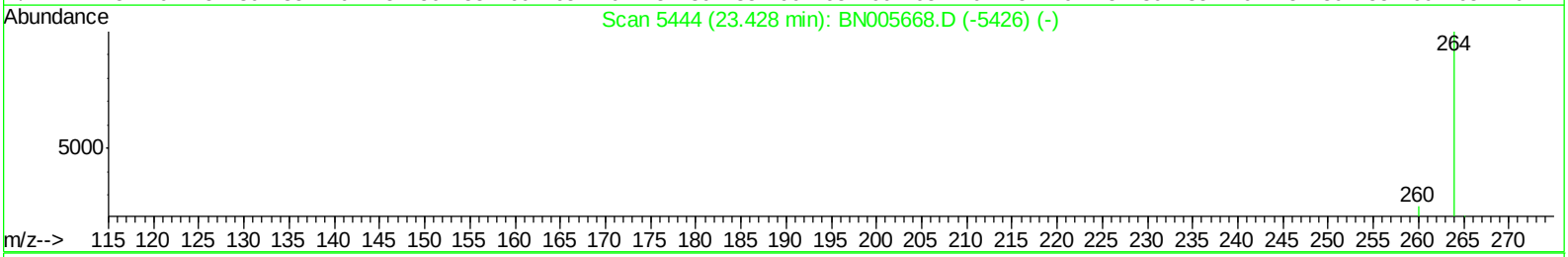
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:54:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration




TIC: BN005690.D

(20) Perylene-d12 (I)

23.425min (-0.003) 0.40ng/ul m

response 5946

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 25.30 | 29.92 |
| 265.00 | 31.70 | 35.18 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:55:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 1172 | 0.40 | ng/ul | -0.01 |
| 2) Naphthalene-d8 | 10.35 | 136 | 4936 | 0.40 | ng/ul | -0.01 |
| 6) Acenaphthene-d10 | 14.22 | 164 | 3216 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.98 | 188 | 7892m | 0.40 | ng/ul | -0.01 |
| 16) Chrysene-d12 | 21.22 | 240 | 7354m | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.43 | 264 | 5946m | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.96 | 152 | 2087 | 0.27 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.03 | 212 | 6563m | 0.26 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 12) Phenanthrene | 17.02 | 178 | 1612m | 0.075 | ng/ul | |
| 15) Fluoranthene | 19.06 | 202 | 991m | 0.033 | ng/ul | |
| 17) Pyrene | 19.42 | 202 | 1372 | 0.051 | ng/ul# | 77 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005690.D
Acq On : 14 May 2019 15:05
Operator : JU/SJ
Sample : K2692-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 14 16:55:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration