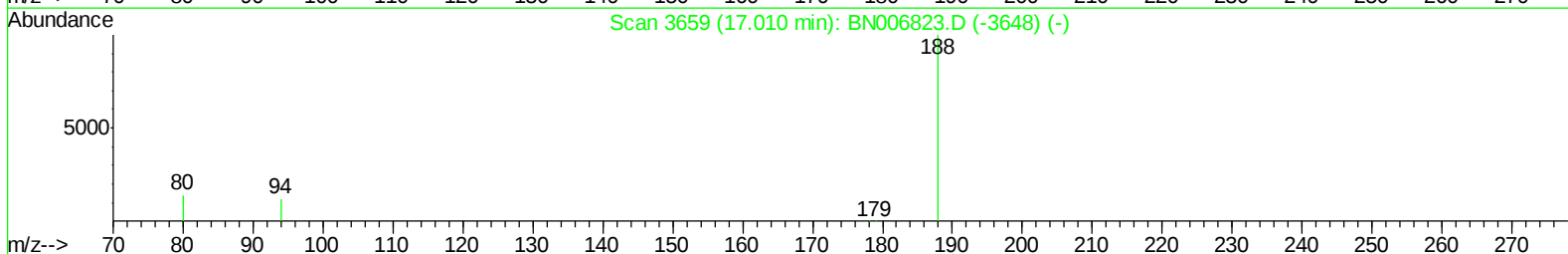
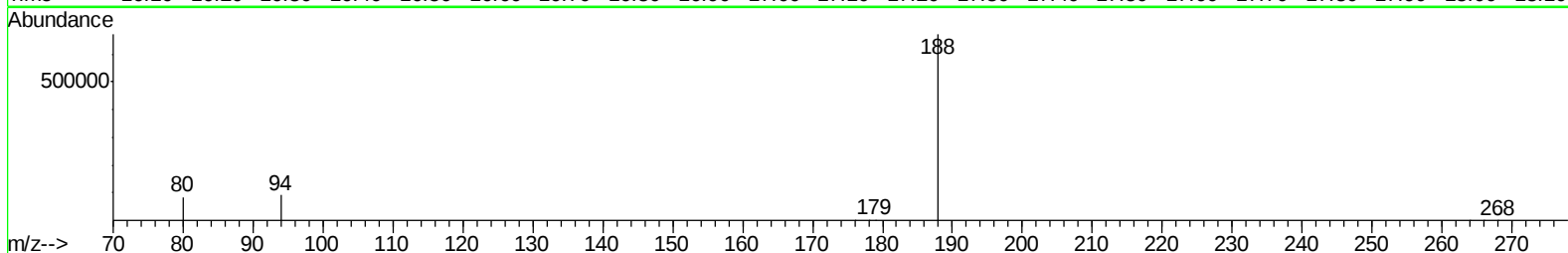
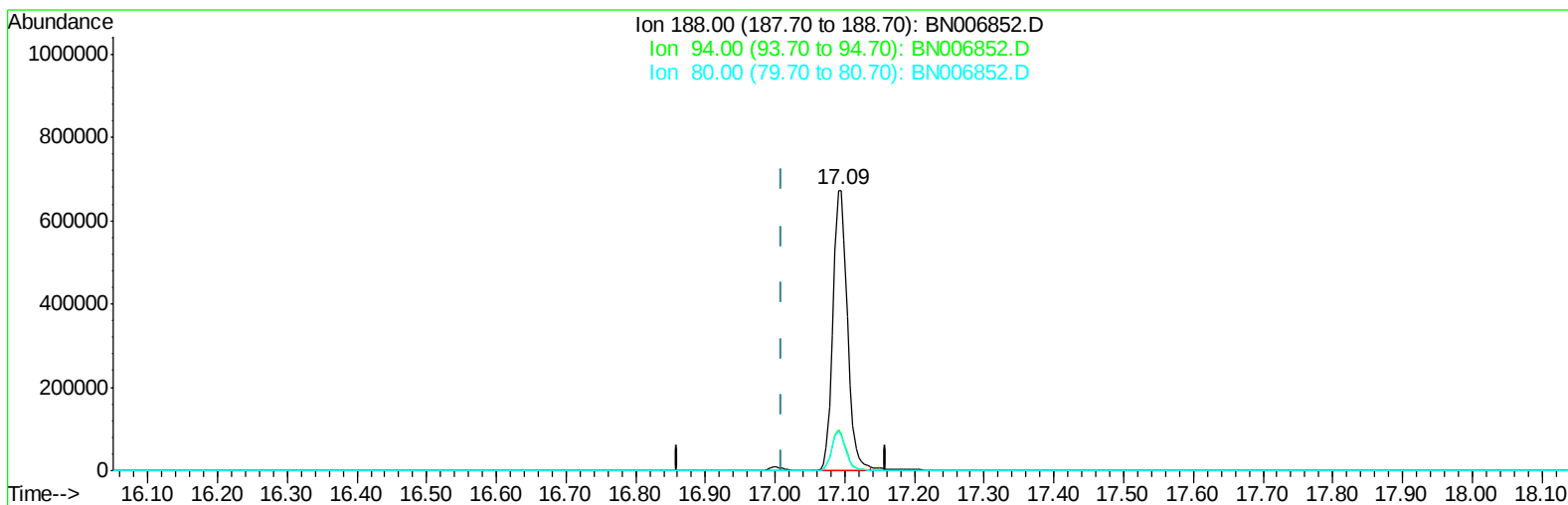


Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:04:05 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: BN006852.D

(10) Phenanthrene-d10 (I)

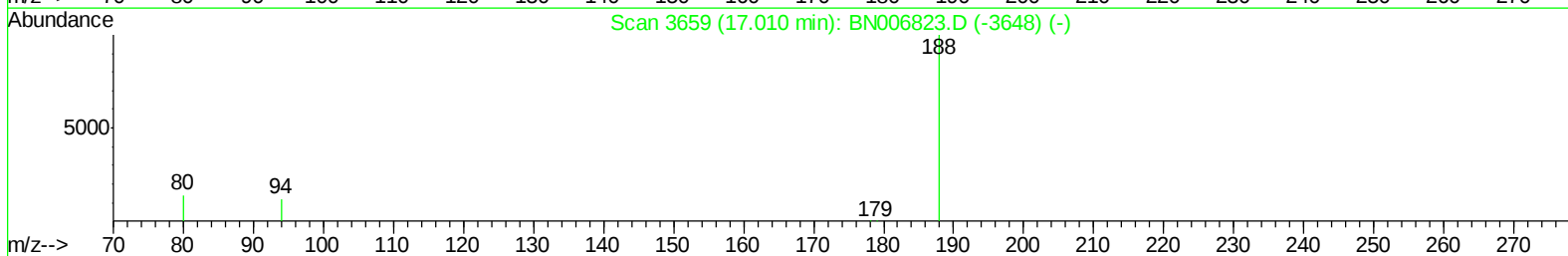
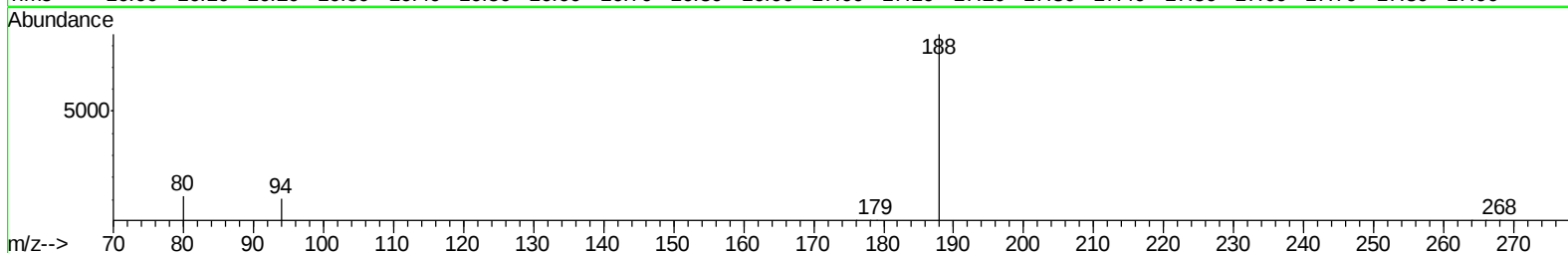
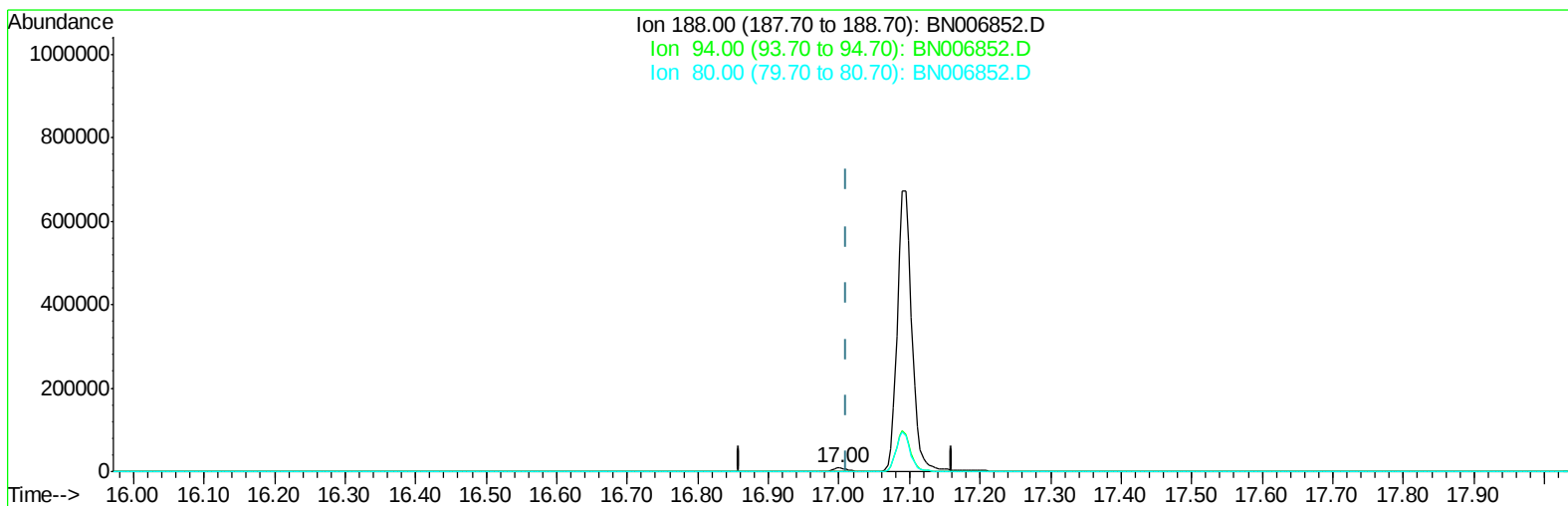
17.095min (+0.084) 0.40ng/ul

response 962343

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.41 |
| 80.00  | 14.80 | 12.52 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:04:05 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: BN006852.D

(10) Phenanthrene-d10 (I)

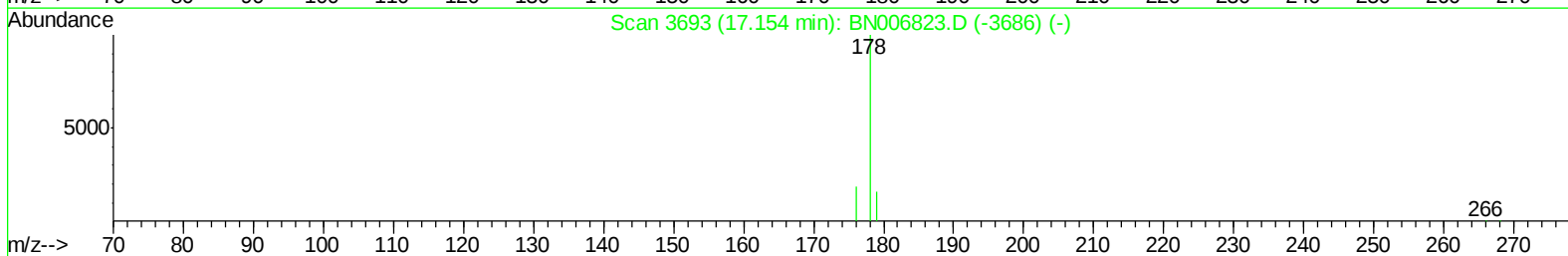
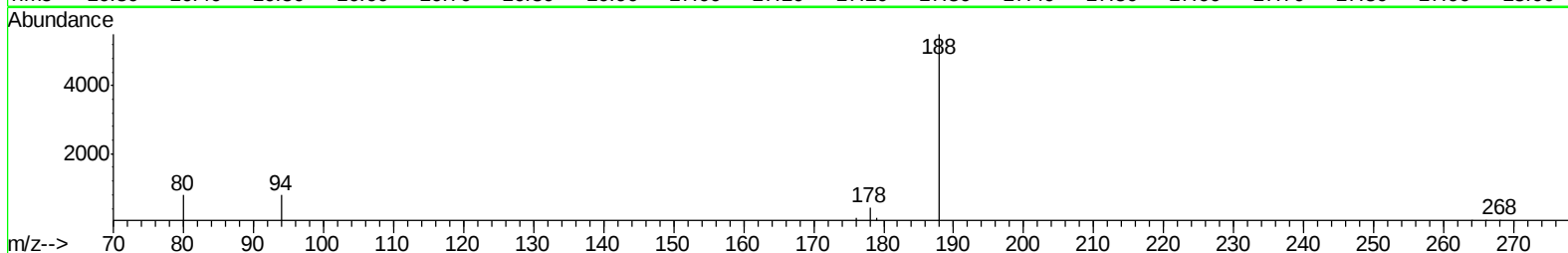
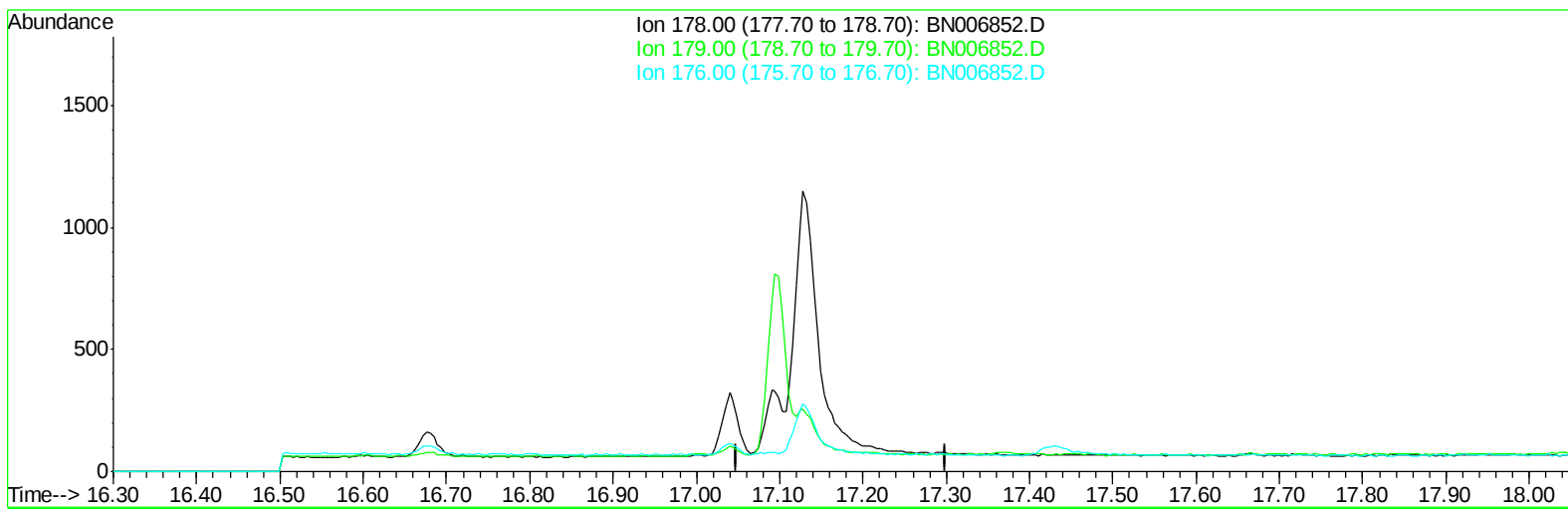
17.002min (-0.008) 0.40ng/ul m

response 12169

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 12.06 |
| 80.00  | 14.80 | 13.75 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:04:35 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: BN006852.D

(13) Anthracene

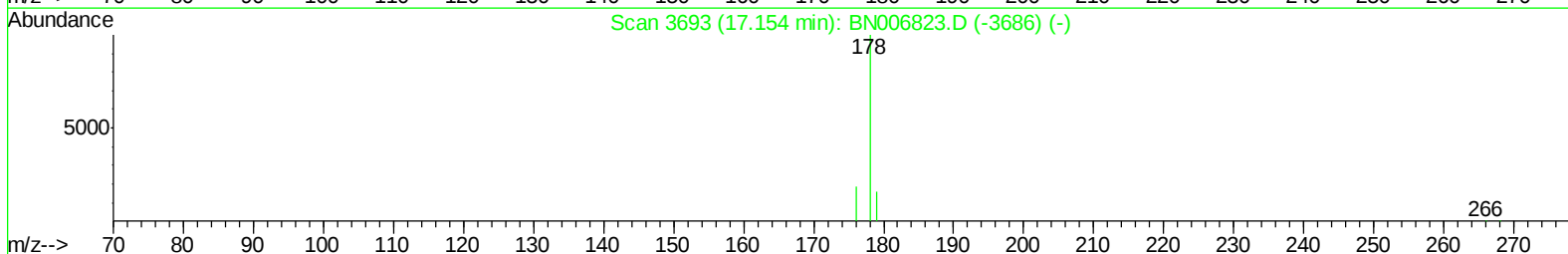
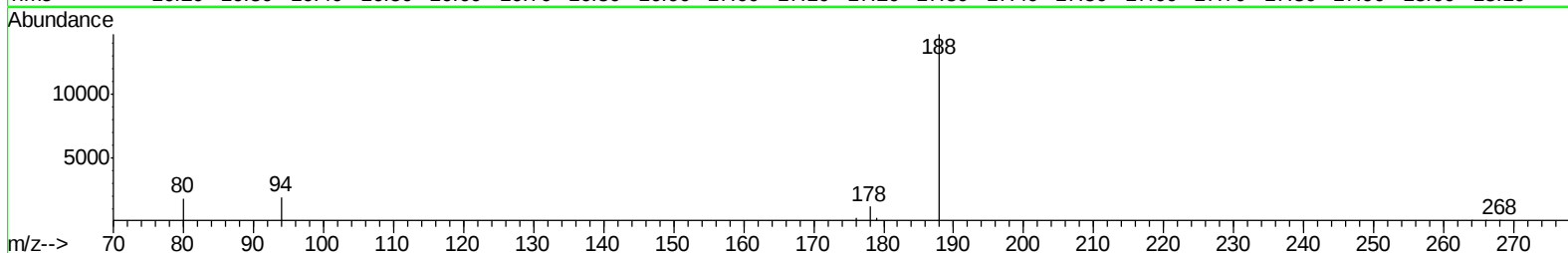
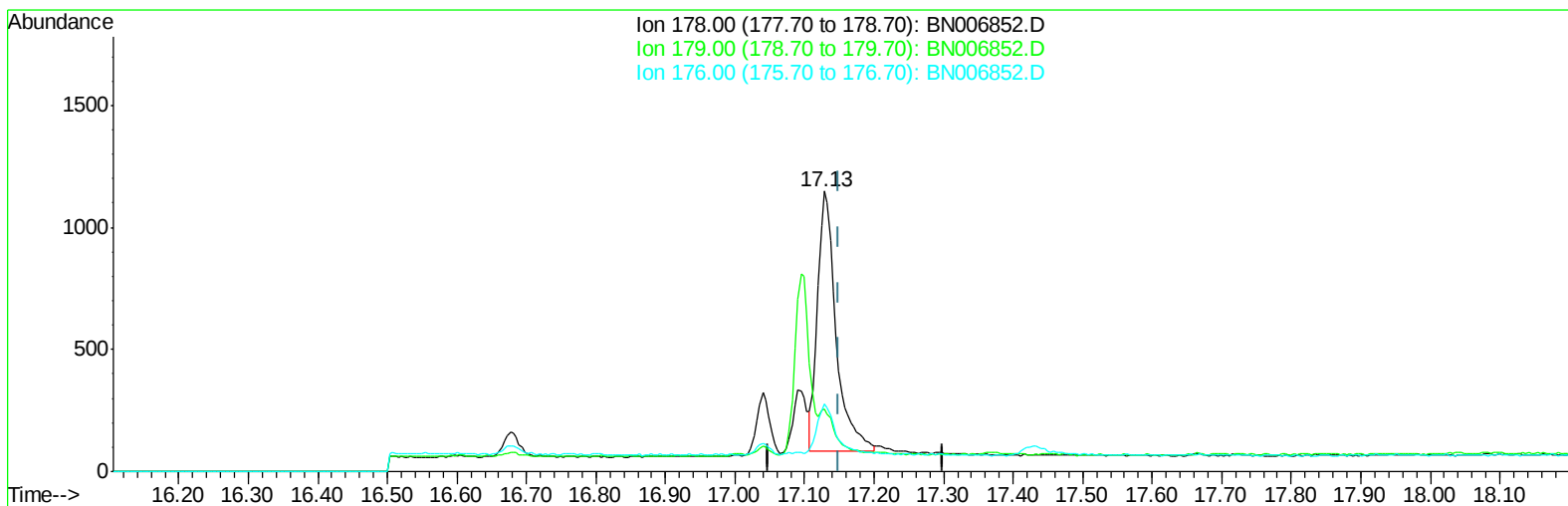
17.149min (-17.149) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 0.00  |
| 179.00 | 15.90 | 0.00# |
| 176.00 | 19.70 | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:04:35 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: BN006852.D

(13) Anthracene

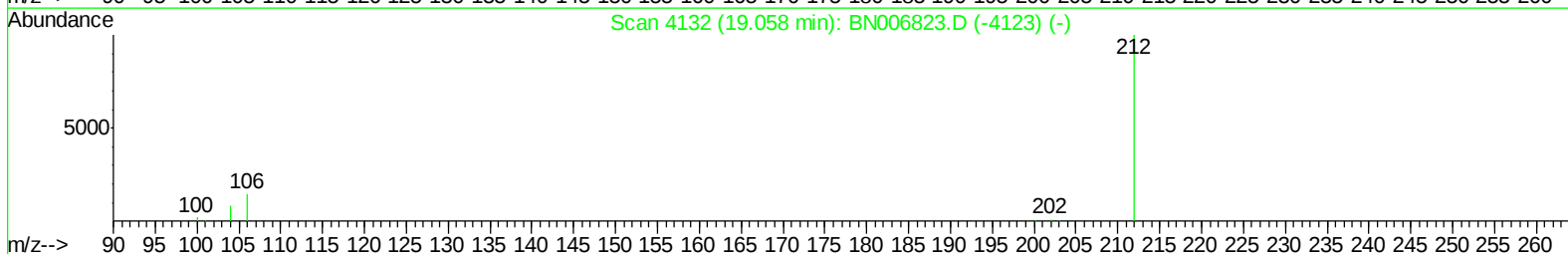
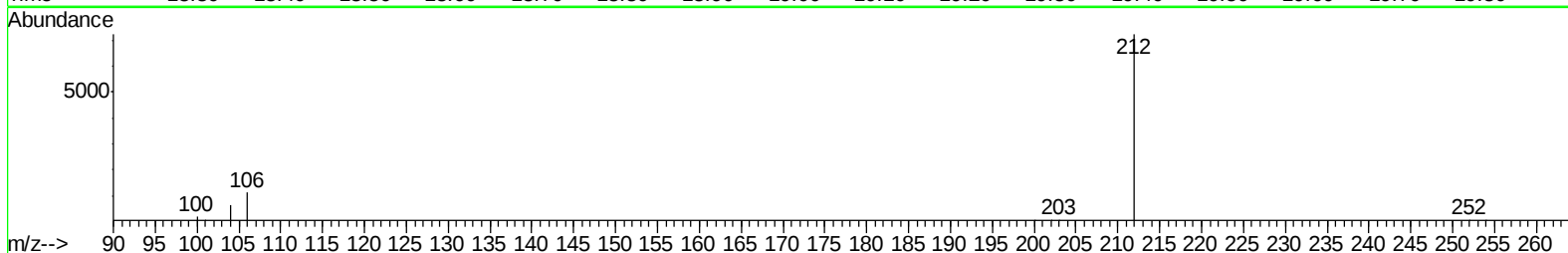
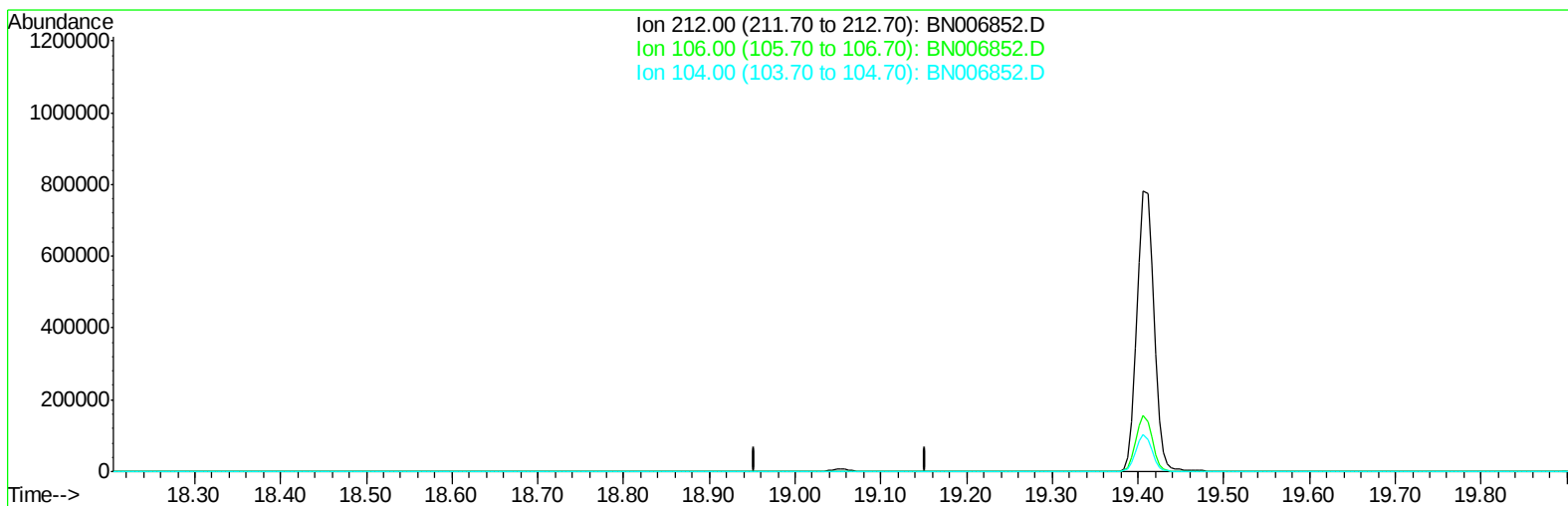
17.128min (-0.021) 0.06ng/ul m

response 1969

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 15.90 | 22.45# |
| 176.00 | 19.70 | 24.02# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:04:35 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: BN006852.D

(14) Fluoranthene-d10 (SURR)

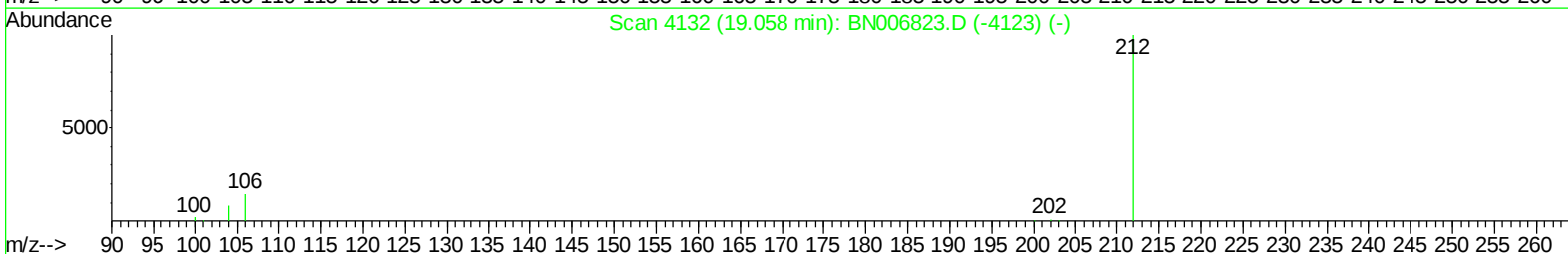
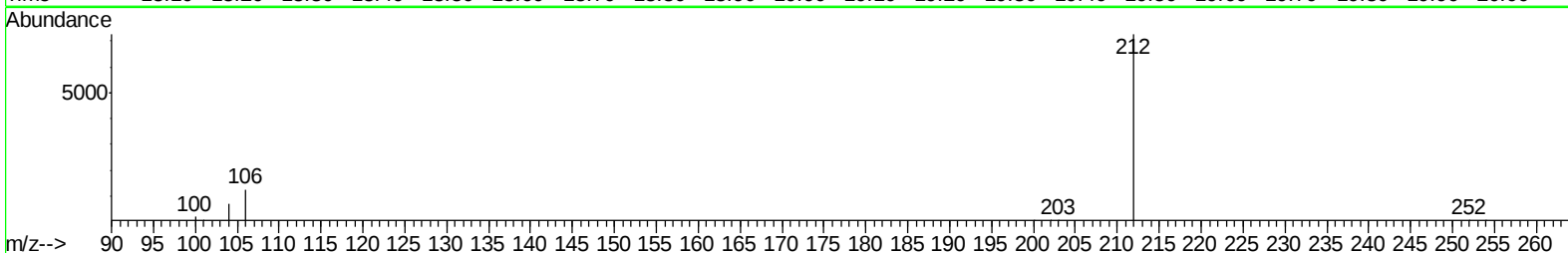
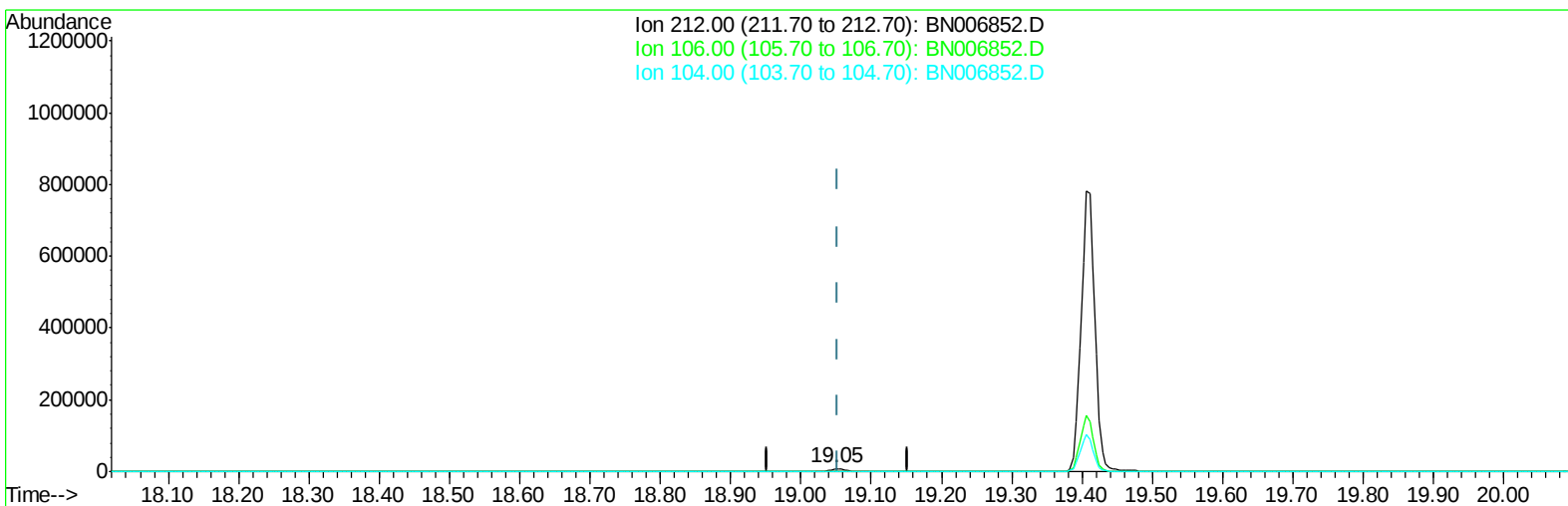
19.053min (-19.053) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 17.80 | 0.00# |
| 104.00 | 9.70  | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:04:35 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: BN006852.D

(14) Fluoranthene-d10 (SURR)

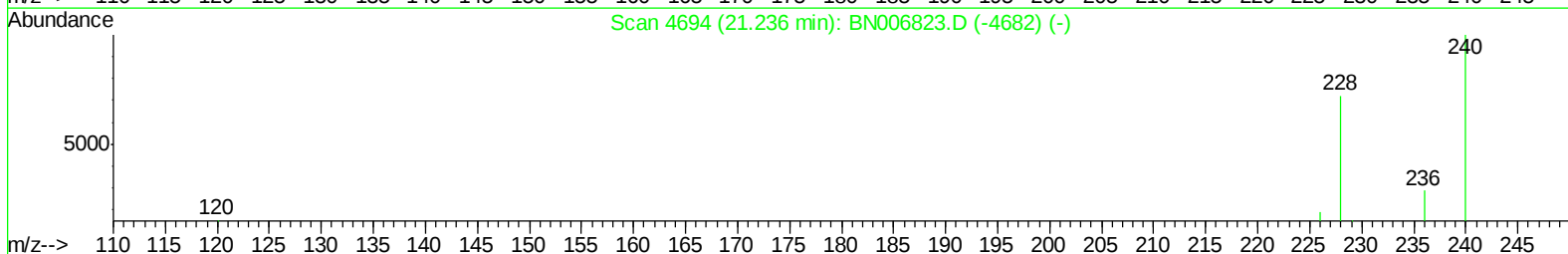
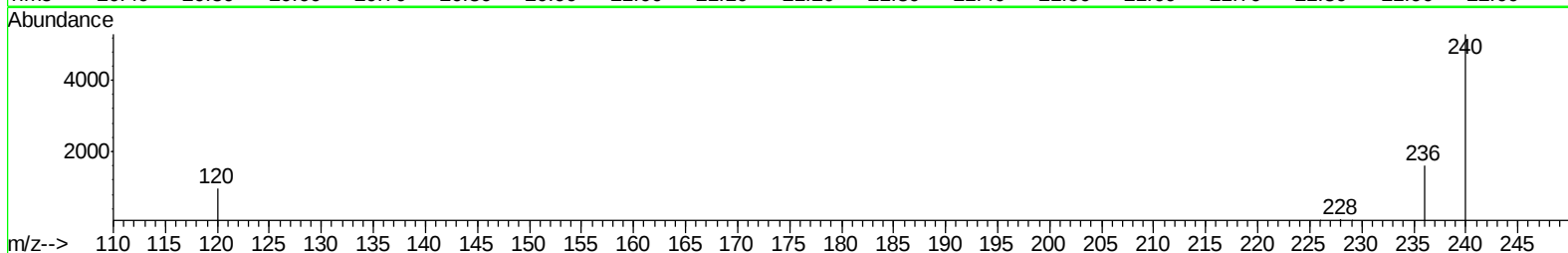
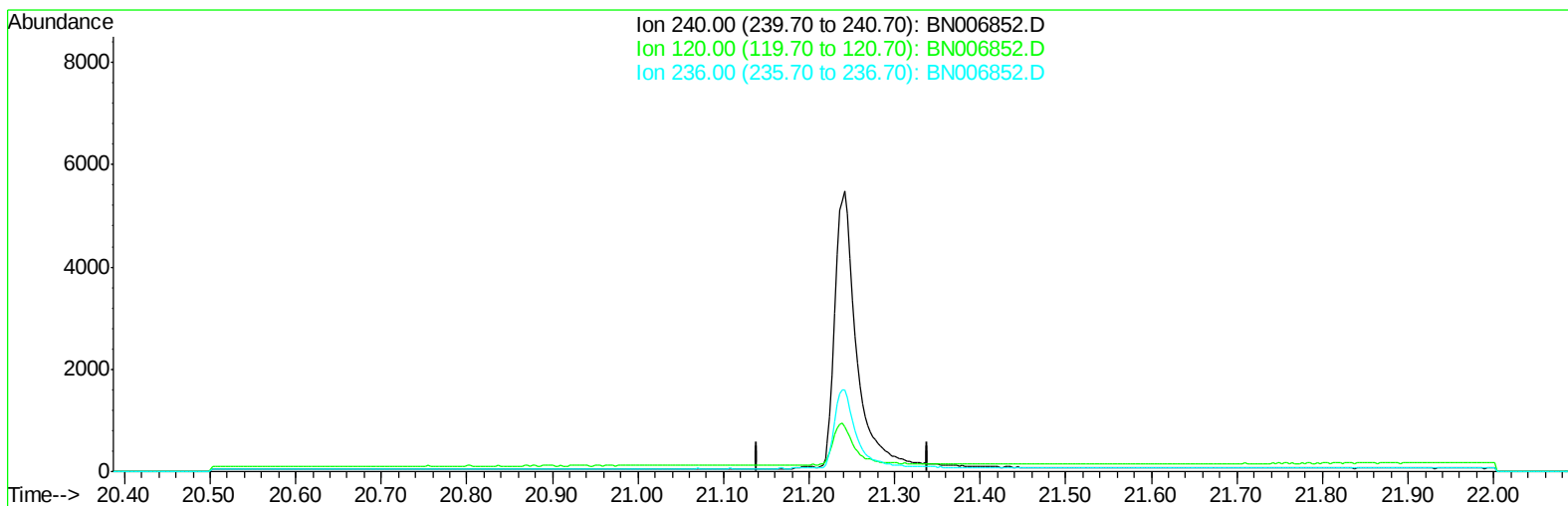
19.048min (-0.005) 0.32ng/ul m

response 11274

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 17.80 | 0.00# |
| 104.00 | 9.70  | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:04:35 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: BN006852.D

(16) Chrysene-d12 (I)

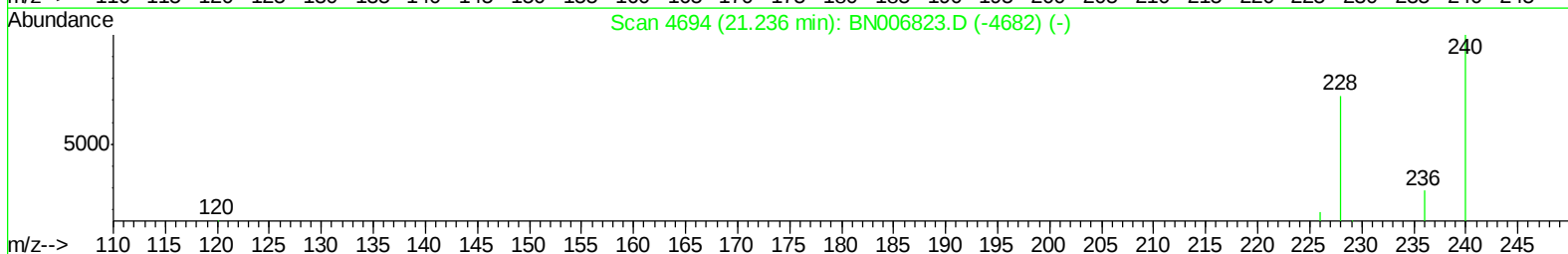
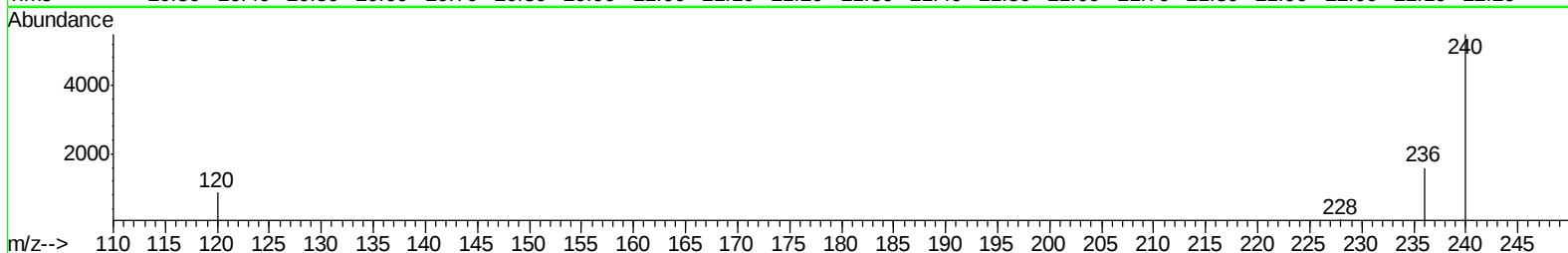
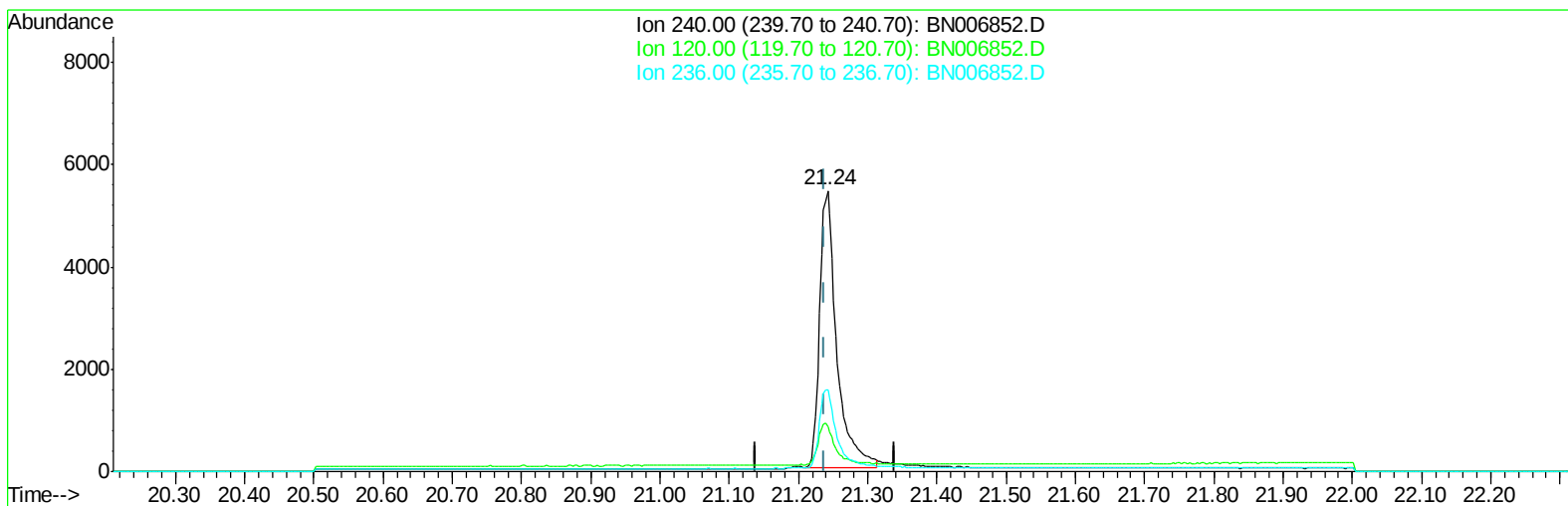
21.239min (-21.239) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 0.00  |
| 120.00 | 20.20 | 0.00# |
| 236.00 | 30.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:04:35 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: BN006852.D

(16) Chrysene-d12 (I)

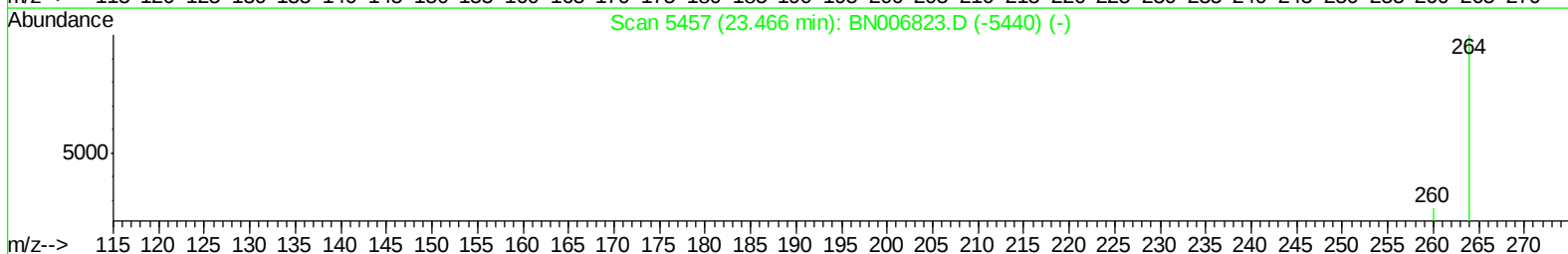
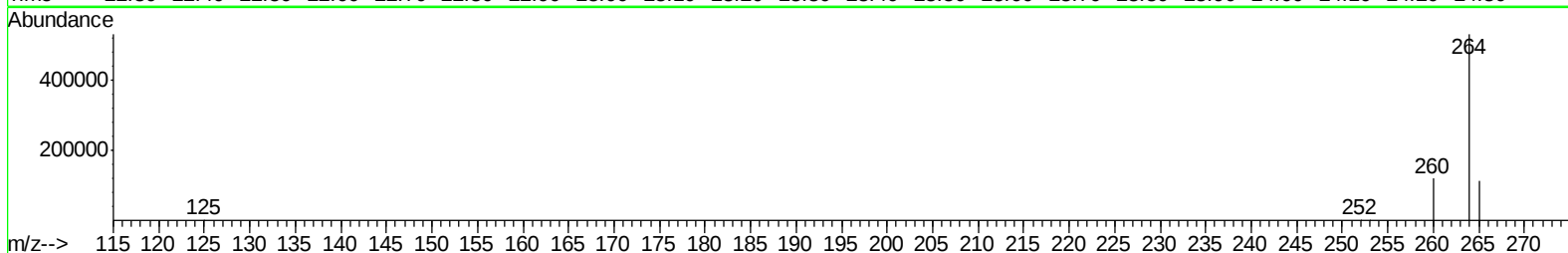
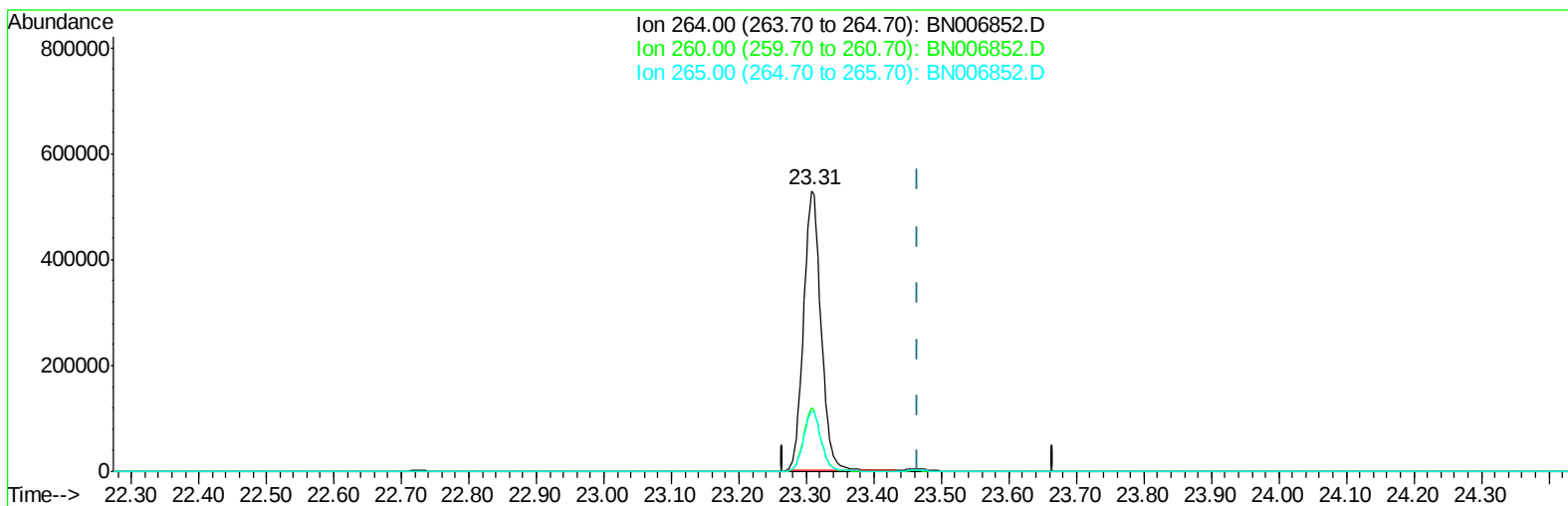
21.242min (+0.003) 0.40ng/ul m

response 9335

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.20 | 16.03# |
| 236.00 | 30.00 | 29.29  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:06:02 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: BN006852.D

(20) Perylene-d12 (I)

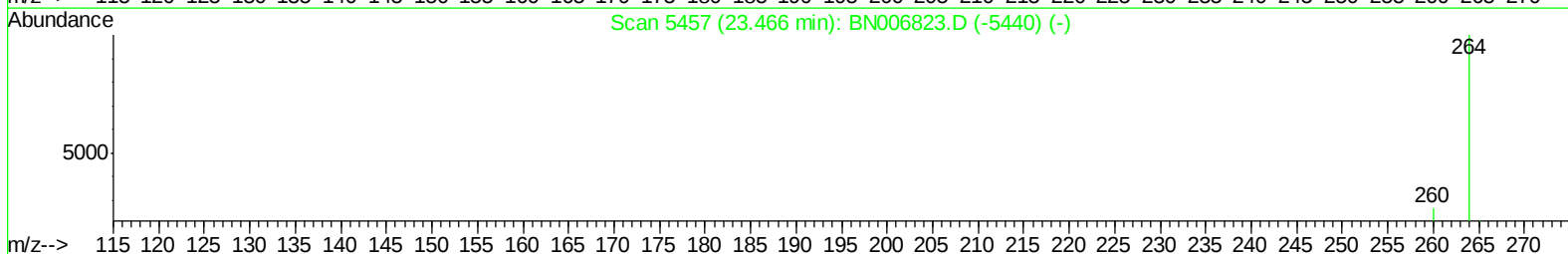
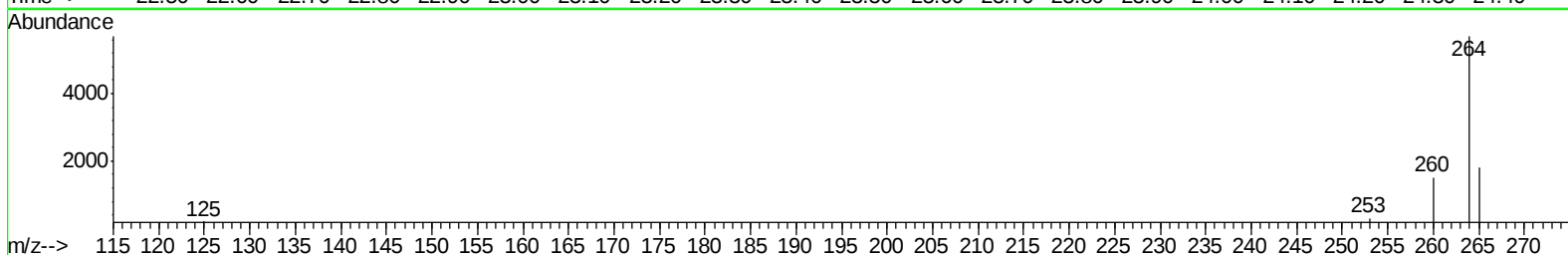
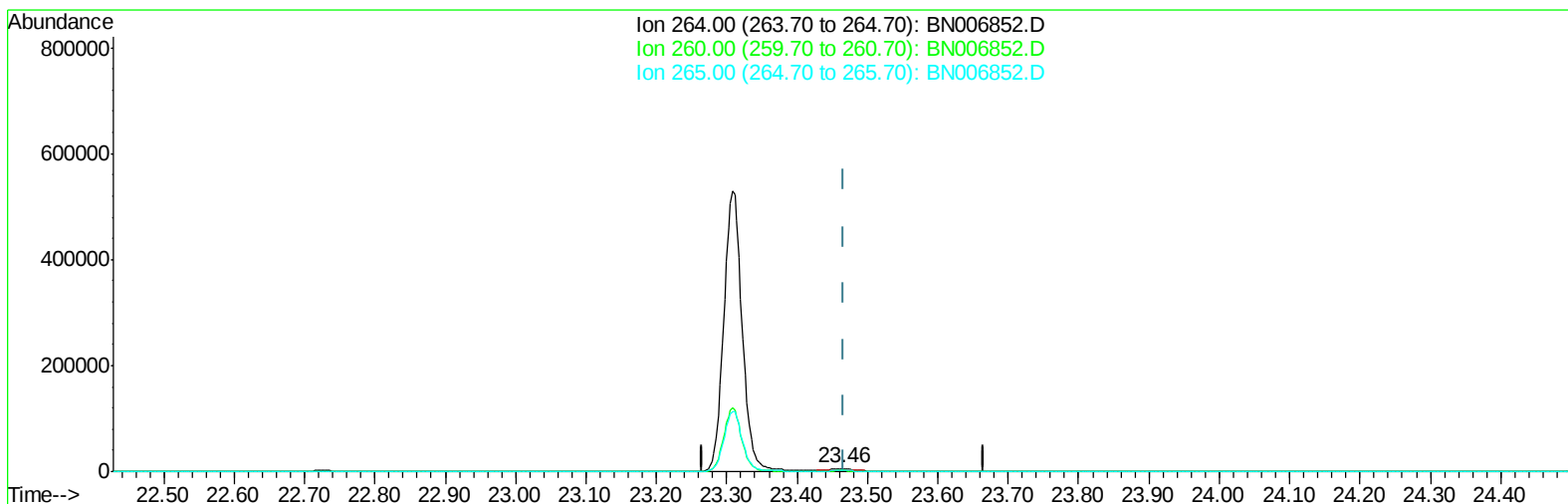
23.308min (-0.158) 0.40ng/ul

response 951171

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.58  |
| 265.00 | 36.10 | 21.55# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:06:02 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: BN006852.D

(20) Perylene-d12 (I)

23.463min (-0.003) 0.40ng/ul m

response 8085

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 26.60 |
| 265.00 | 36.10 | 31.45 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
 Data File : BN006852.D  
 Acq On : 15 Jul 2019 16:39  
 Operator : HP/JU  
 Sample : K3762-11  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:07:05 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   | 7.59  | 152  | 3064     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.35 | 136  | 11022    | 0.40  | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.24 | 164  | 5596     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.00 | 188  | 12169m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.24 | 240  | 9335m    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.46 | 264  | 8085m    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.98 | 152  | 4095     | 0.24  | ng/ul  | 0.01     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 11274m   | 0.32  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.41 | 128  | 680      | 0.021 | ng/ul# | 64       |
| 13) Anthracene              | 17.13 | 178  | 1969m    | 0.058 | ng/ul  |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071519\  
Data File : BN006852.D  
Acq On : 15 Jul 2019 16:39  
Operator : HP/JU  
Sample : K3762-11  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 15 18:07:05 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

