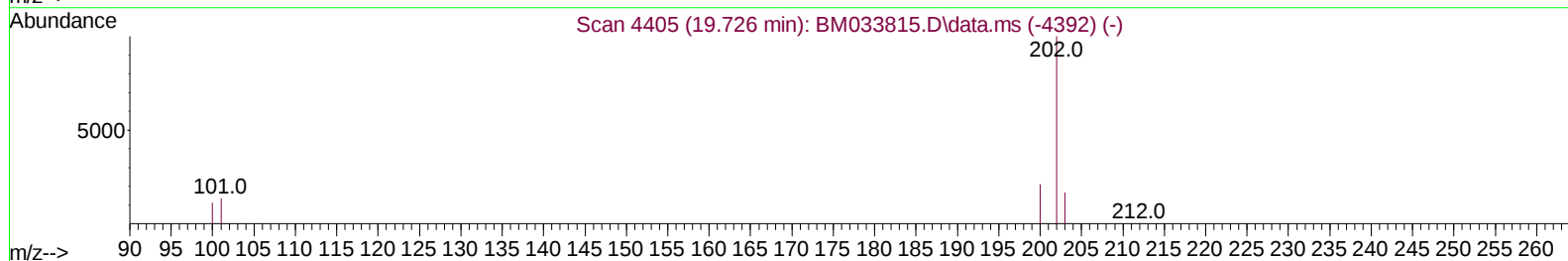
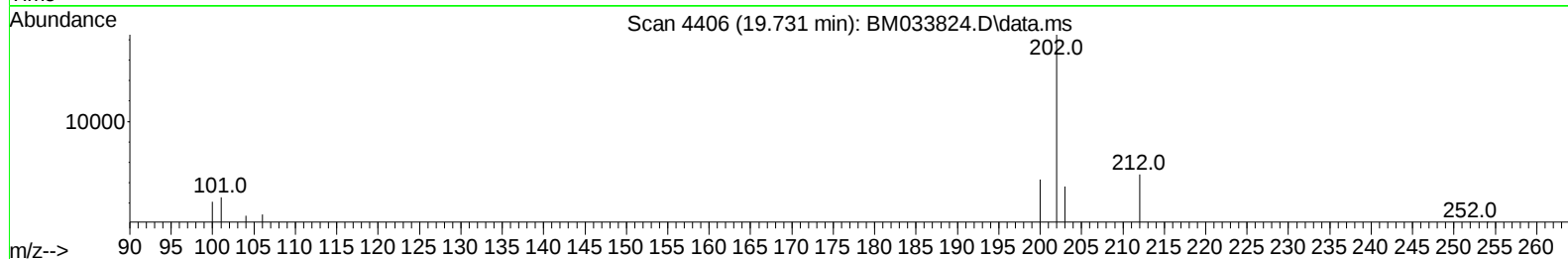
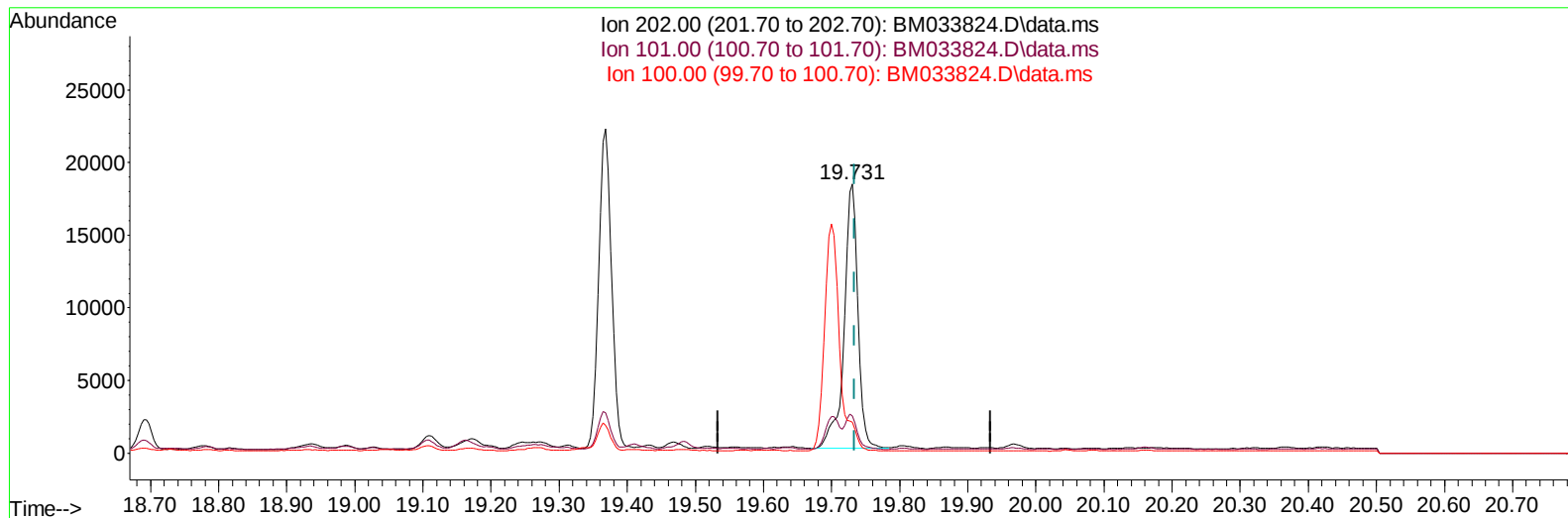


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
Data File : BM033824.D  
Acq On : 21 Jan 2022 14:44  
Operator : CG/JU  
Sample : N1199-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:51:24 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 21 01:34:59 2022  
Response via : Initial Calibration



TIC: BM033824.D\data.ms

(20) Pyrene

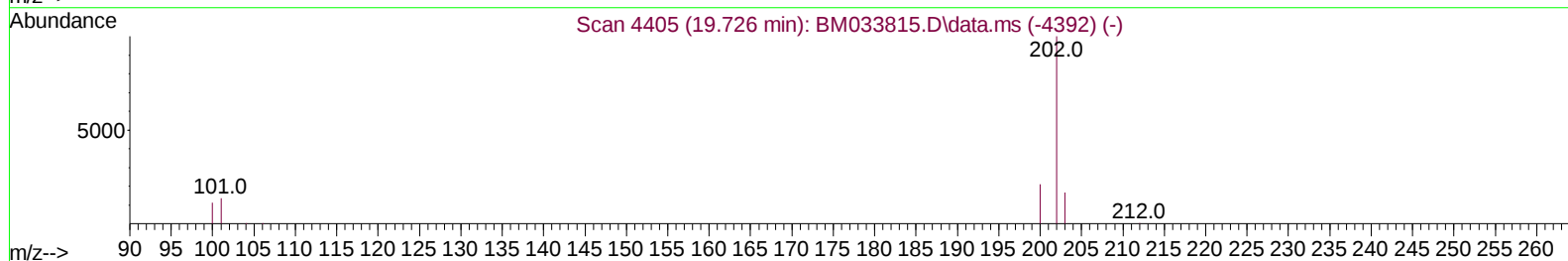
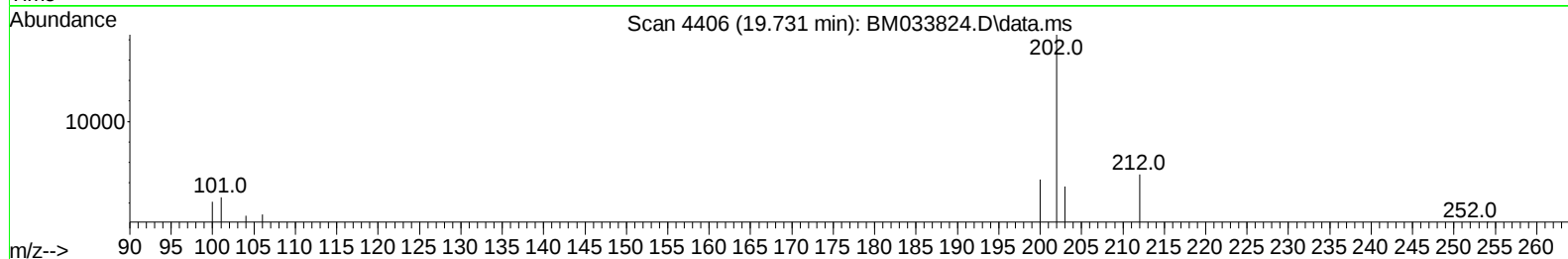
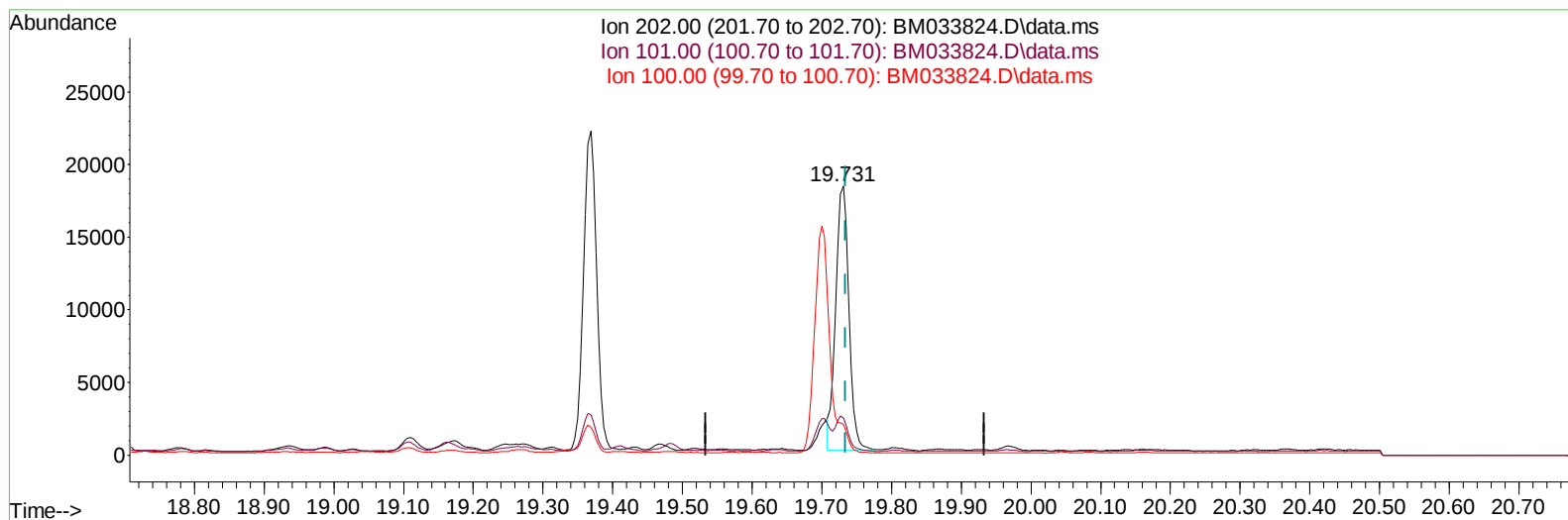
19.731min (-0.003) 0.64 ng/u1

response 26047

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.60  | 13.75  |
| 100.00 | 9.70   | 11.39  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
 Data File : BM033824.D  
 Acq On : 21 Jan 2022 14:44  
 Operator : CG/JU  
 Sample : N1199-01  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:51:24 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 21 01:34:59 2022  
 Response via : Initial Calibration



TIC: BM033824.D\data.ms

**(20) Pyrene**

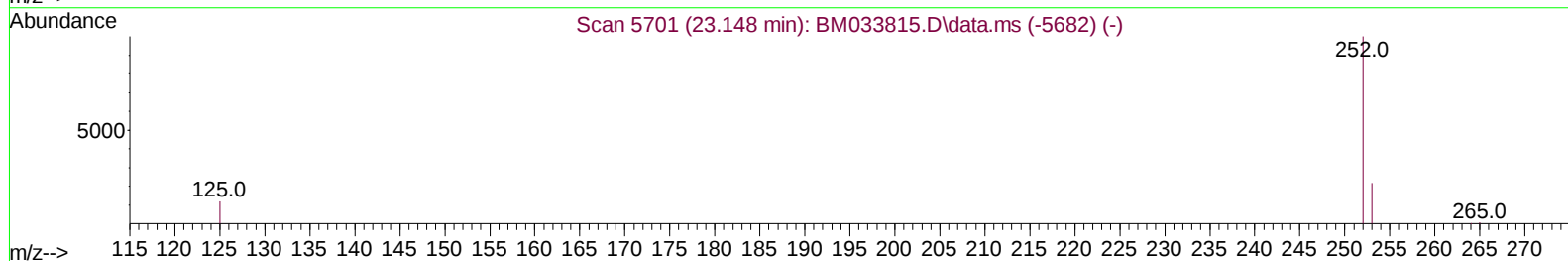
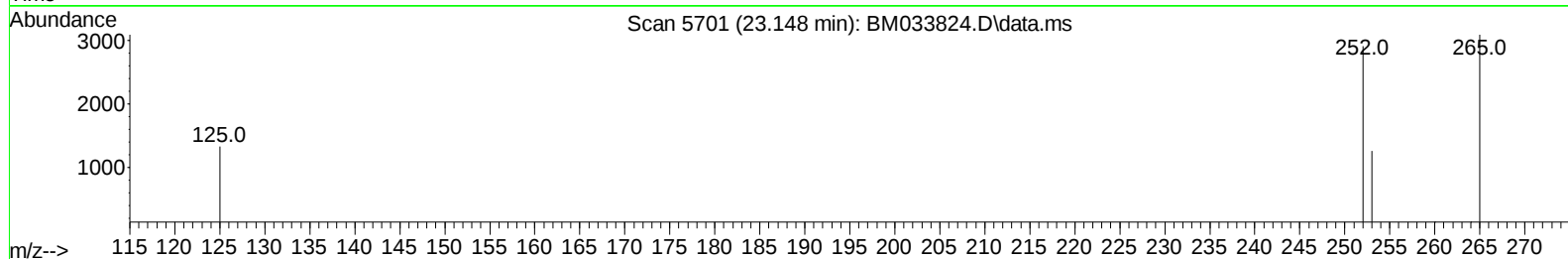
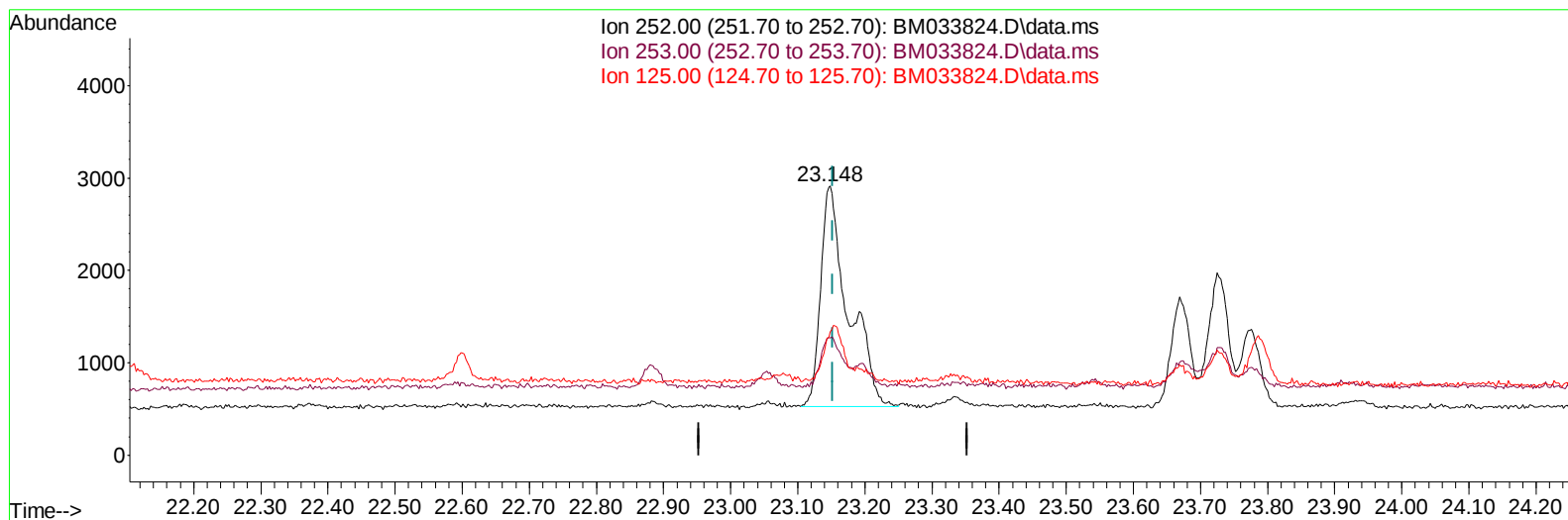
**19.731min (-0.003) 0.58 ng/ul m**

**response 23915**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.60  | 13.75  |
| 100.00 | 9.70   | 11.39  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
Data File : BM033824.D  
Acq On : 21 Jan 2022 14:44  
Operator : CG/JU  
Sample : N1199-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:51:24 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 21 01:34:59 2022  
Response via : Initial Calibration



TIC: BM033824.D\data.ms

**(24) Benzo(b)fluoranthene**

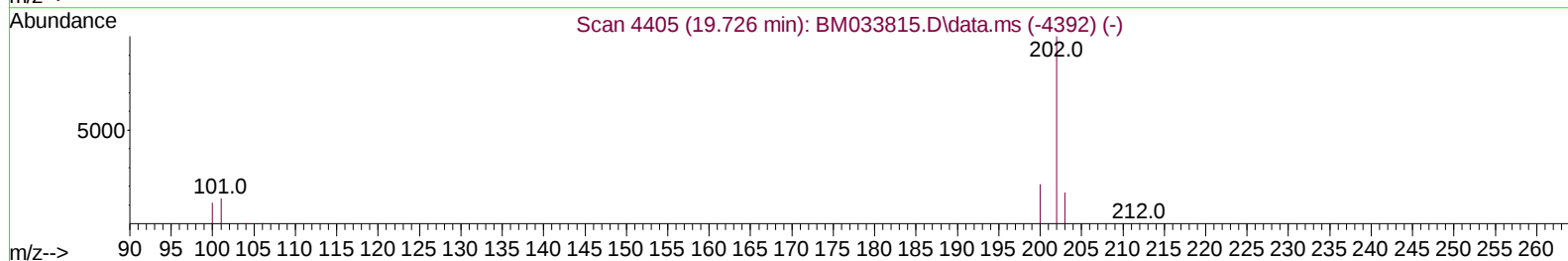
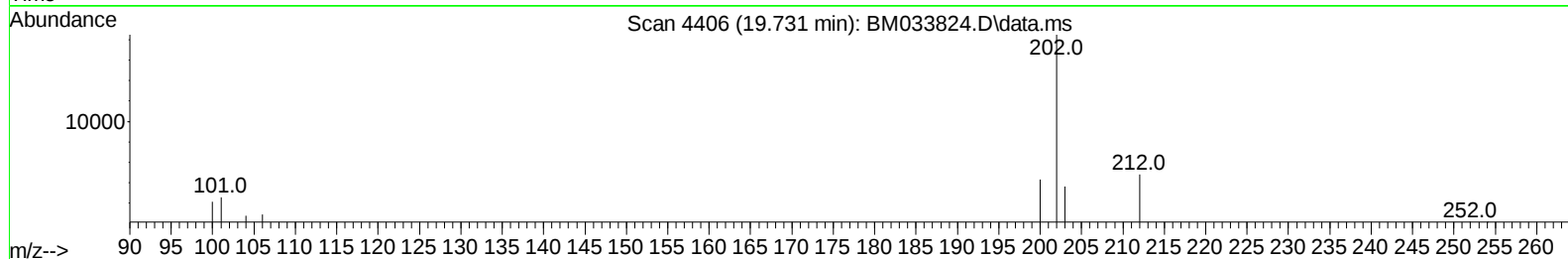
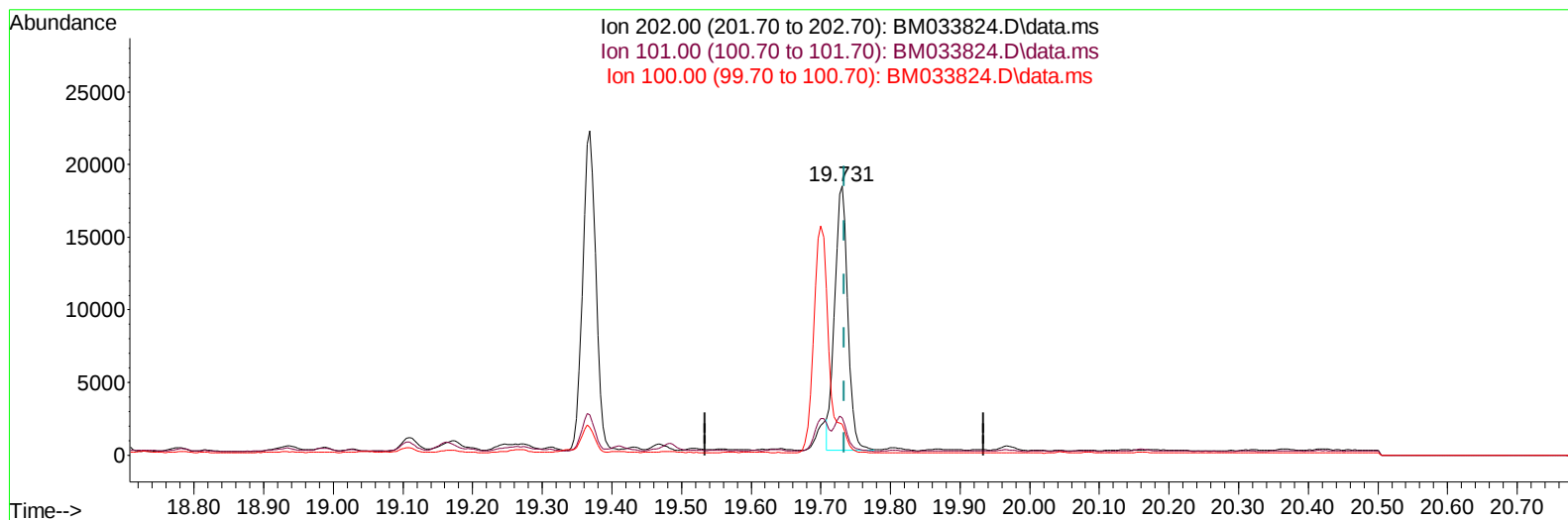
**23.148min (-0.004) 0.19 ng/u1**

**response 6816**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 43.44  |
| 125.00 | 14.40  | 45.88# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
Data File : BM033824.D  
Acq On : 21 Jan 2022 14:44  
Operator : CG/JU  
Sample : N1199-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:53:19 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 21 01:34:59 2022  
Response via : Initial Calibration



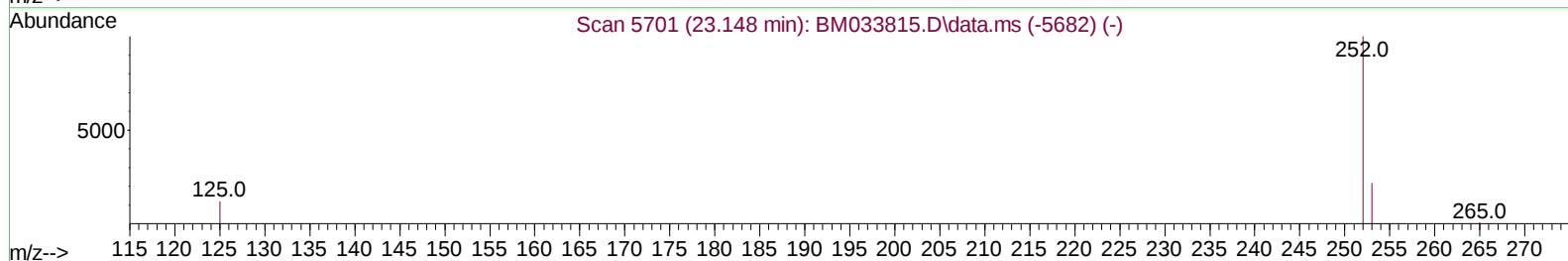
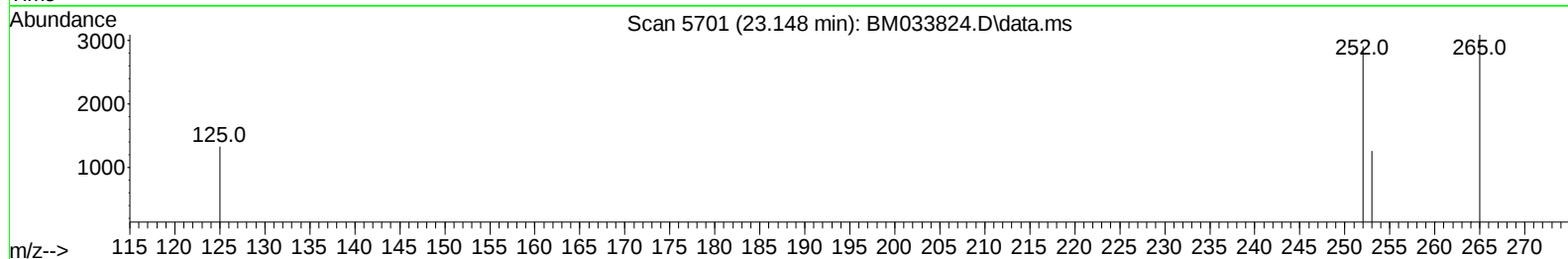
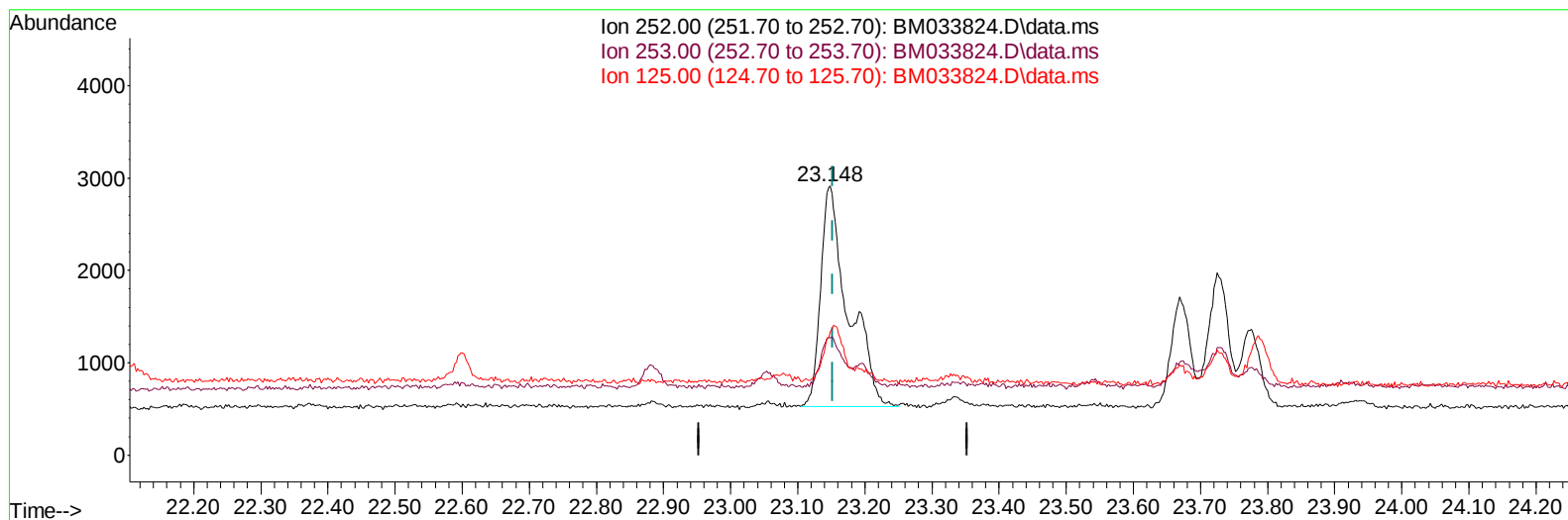
TIC: BM033824.D\data.ms

**(20) Pyrene****19.731min (-0.003) 0.59 ng/ul m****response 23973**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.60  | 13.75  |
| 100.00 | 9.70   | 11.39  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
Data File : BM033824.D  
Acq On : 21 Jan 2022 14:44  
Operator : CG/JU  
Sample : N1199-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:53:19 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 21 01:34:59 2022  
Response via : Initial Calibration



TIC: BM033824.D\data.ms

**(24) Benzo(b)fluoranthene**

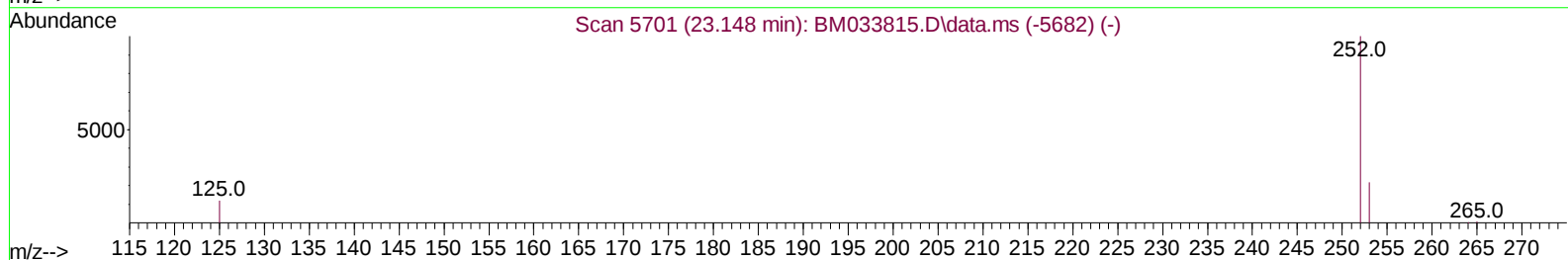
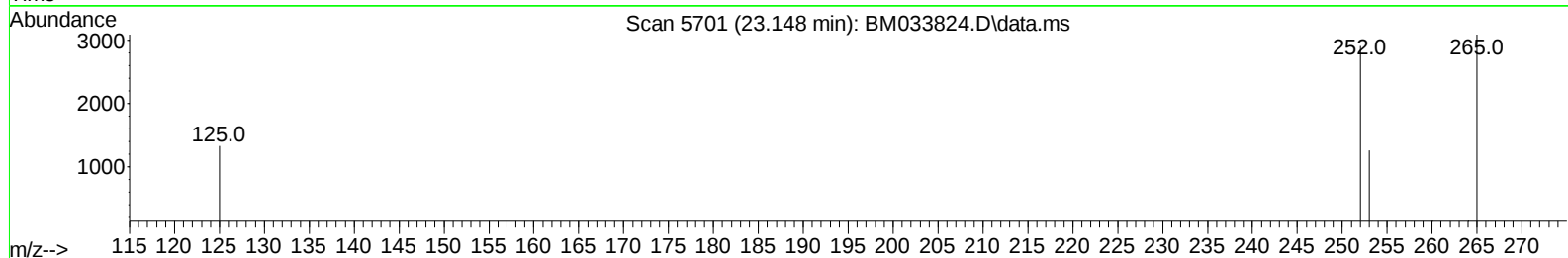
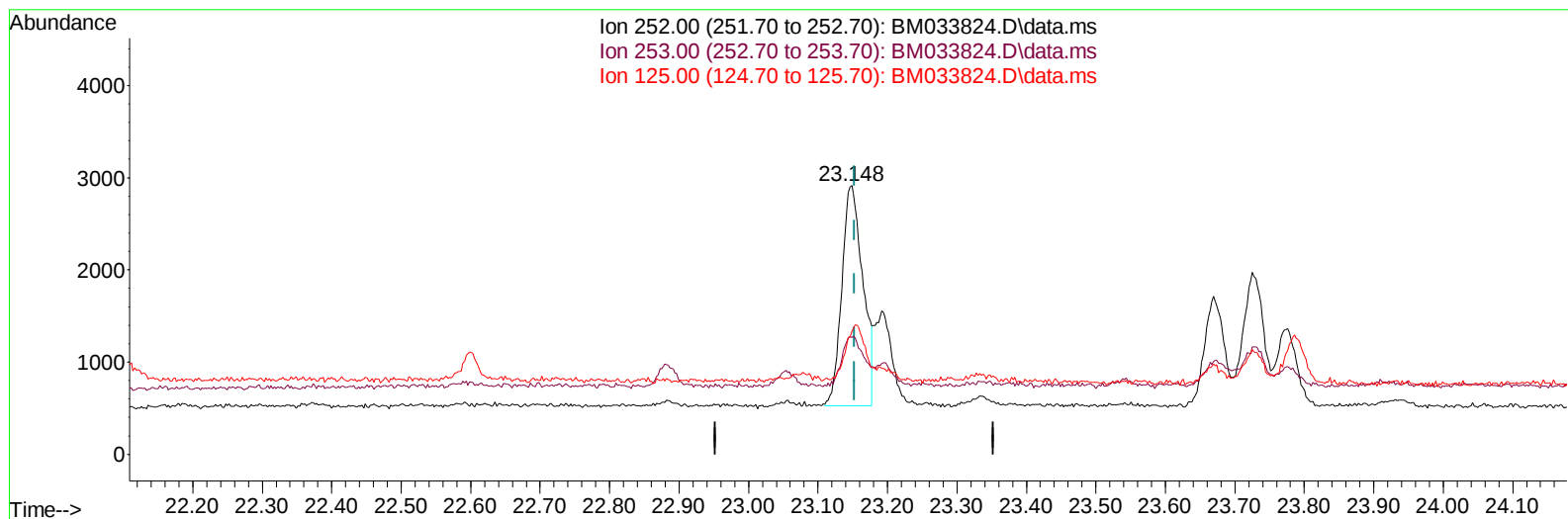
23.148min (-0.004) 0.19 ng/u1

response 6816

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 43.44  |
| 125.00 | 14.40  | 45.88# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
Data File : BM033824.D  
Acq On : 21 Jan 2022 14:44  
Operator : CG/JU  
Sample : N1199-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:53:19 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 21 01:34:59 2022  
Response via : Initial Calibration



TIC: BM033824.D\data.ms

**(24) Benzo(b)fluoranthene**

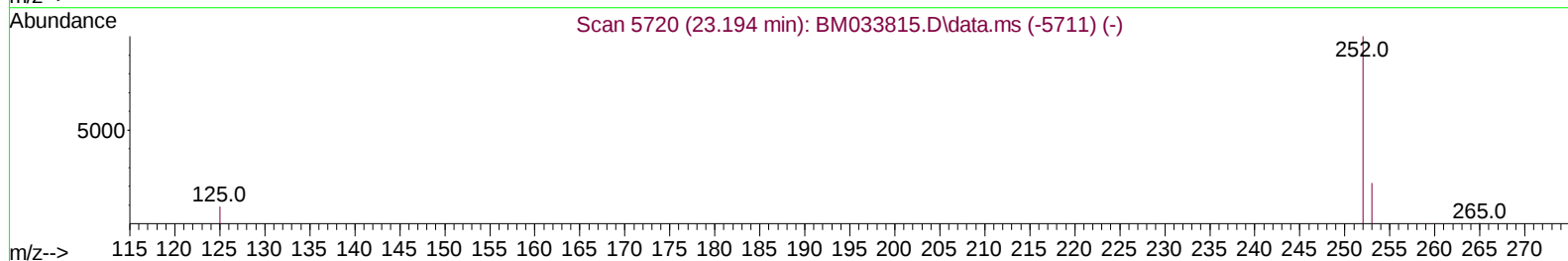
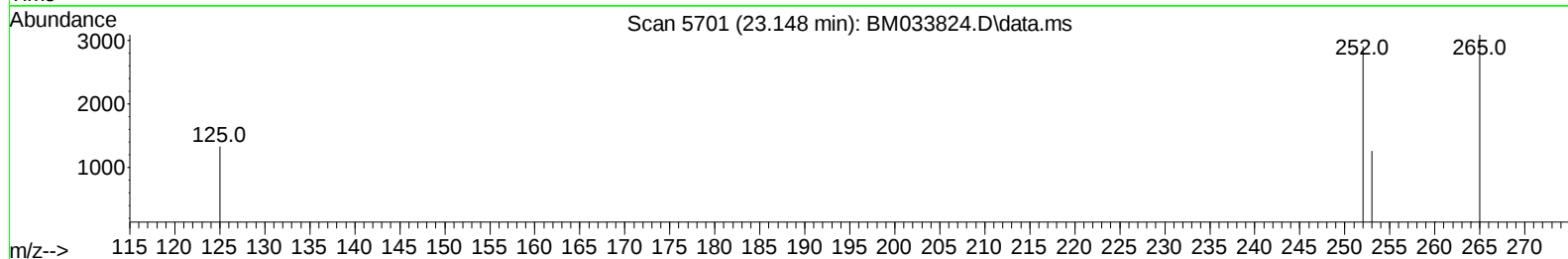
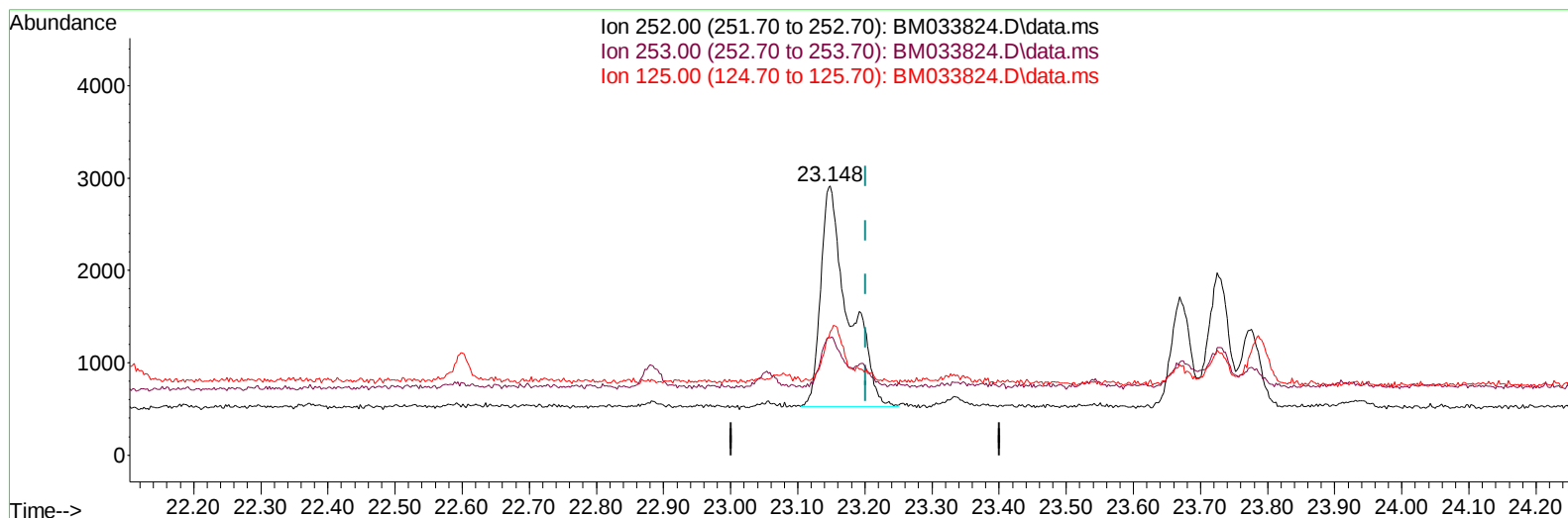
23.148min (-0.004) 0.14 ng/ul m

response 5062

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 43.44  |
| 125.00 | 14.40  | 45.88# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
Data File : BM033824.D  
Acq On : 21 Jan 2022 14:44  
Operator : CG/JU  
Sample : N1199-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:53:19 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 21 01:34:59 2022  
Response via : Initial Calibration



TIC: BM033824.D\data.ms

**(25) Benzo(k)fluoranthene**

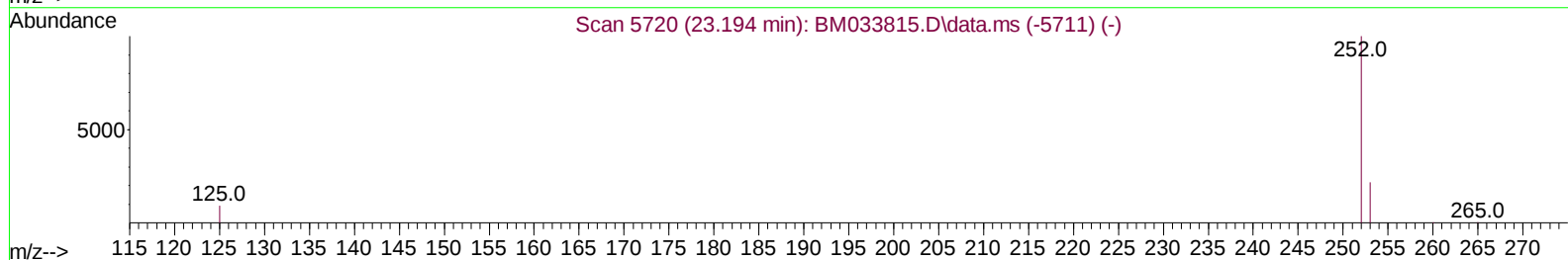
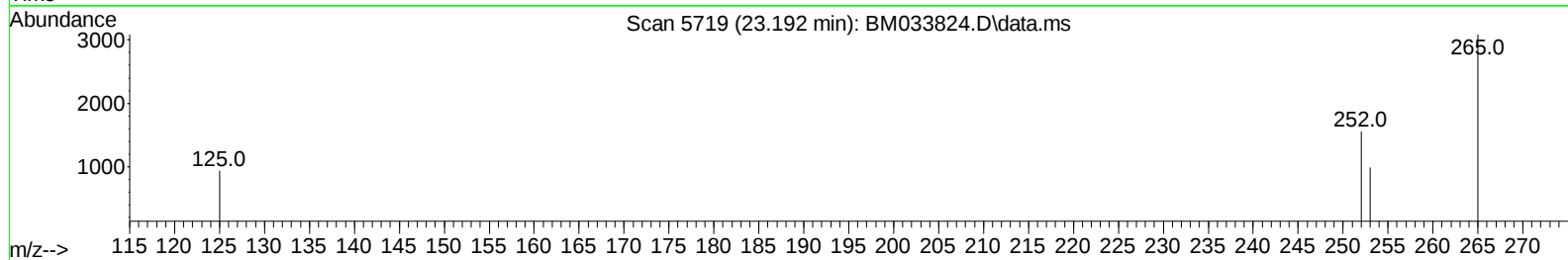
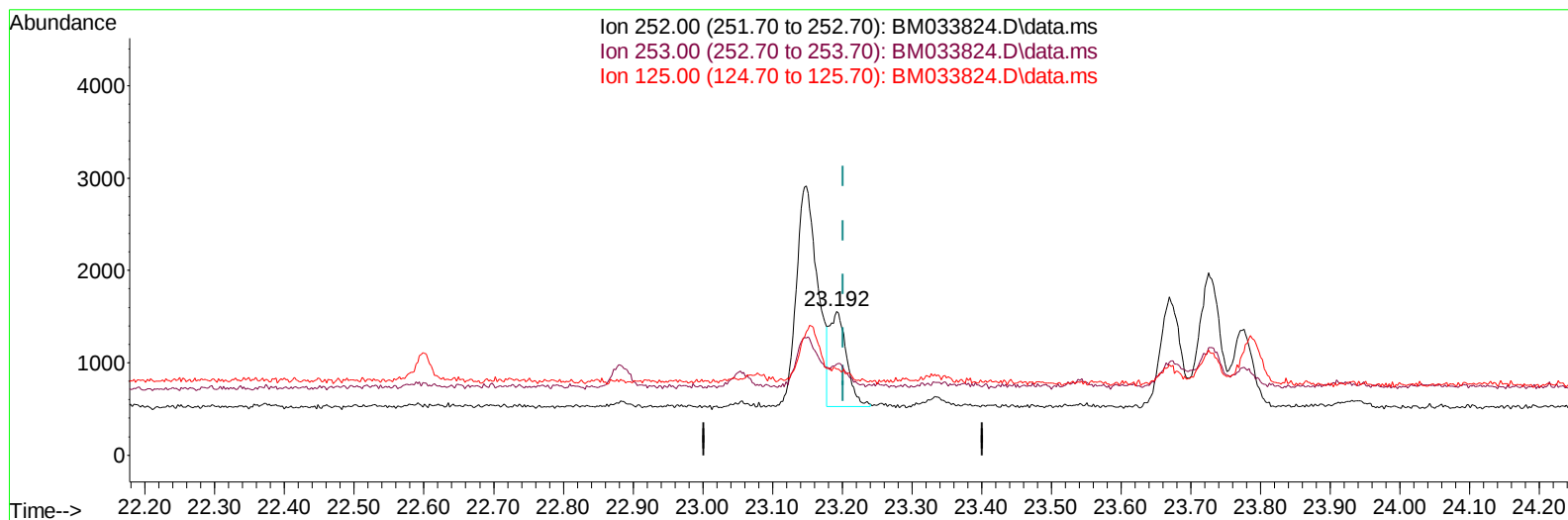
**23.148min (-0.053) 0.20 ng/u1**

**response 6816**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 33.50  | 43.44# |
| 125.00 | 15.00  | 45.88# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
Data File : BM033824.D  
Acq On : 21 Jan 2022 14:44  
Operator : CG/JU  
Sample : N1199-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:53:19 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 21 01:34:59 2022  
Response via : Initial Calibration



TIC: BM033824.D\data.ms

**(25) Benzo(k)fluoranthene**

**23.192min (-0.009) 0.05 ng/u1 m**

**response 1773**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 33.50  | 63.26# |
| 125.00 | 15.00  | 59.99# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
 Data File : BM033824.D  
 Acq On : 21 Jan 2022 14:44  
 Operator : CG/JU  
 Sample : N1199-01  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:53:19 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 21 01:34:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.950  | 152  | 3543     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.760 | 136  | 13689    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.583 | 164  | 8316     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.319 | 188  | 15890    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.480 | 240  | 8629     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.880 | 264  | 8070     | 0.400  | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.299  | 96   | 15765    | 4.177  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.348 | 152  | 6396     | 0.344  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.338 | 212  | 12517    | 0.468  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.814 | 128  | 1836151  | 46.296 | ng/ul# | 87       |
| 7) 2-Methylnaphthalene      | 12.420 | 142  | 182325   | 7.159  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.640 | 142  | 1237410  | 49.473 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.307 | 152  | 40304    | 1.049  | ng/ul# | 71       |
| 11) Acenaphthene            | 14.648 | 153  | 126042   | 4.111  | ng/ul  | 94       |
| 12) Fluorene                | 15.630 | 166  | 150825   | 4.112  | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.969 | 266  | 21820    | 3.480  | ng/ul  | 97       |
| 15) Phenanthrene            | 17.361 | 178  | 325702   | 6.330  | ng/ul  | 93       |
| 16) Anthracene              | 17.451 | 178  | 37645    | 0.797  | ng/ul  | 92       |
| 19) Fluoranthene            | 19.368 | 202  | 28862    | 0.713  | ng/ul  | 98       |
| 20) Pyrene                  | 19.731 | 202  | 23973m   | 0.585  | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.465 | 228  | 1429     | 0.040  | ng/ul# | 70       |
| 22) Chrysene                | 21.516 | 228  | 6245     | 0.170  | ng/ul# | 91       |
| 24) Benzo(b)fluoranthene    | 23.148 | 252  | 5062m    | 0.143  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.192 | 252  | 1773m    | 0.051  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.776 | 252  | 1607     | 0.052  | ng/ul# | 22       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.383 | 276  | 2253     | 0.056  | ng/ul# | 81       |
| 28) Dibenzo(a,h)anthracene  | 26.402 | 278  | 721      | 0.023  | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.149 | 276  | 2183     | 0.063  | ng/ul# | 69       |
| -----                       |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012022\  
Data File : BM033824.D  
Acq On : 21 Jan 2022 14:44  
Operator : CG/JU  
Sample : N1199-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jan 24 10:53:19 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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