

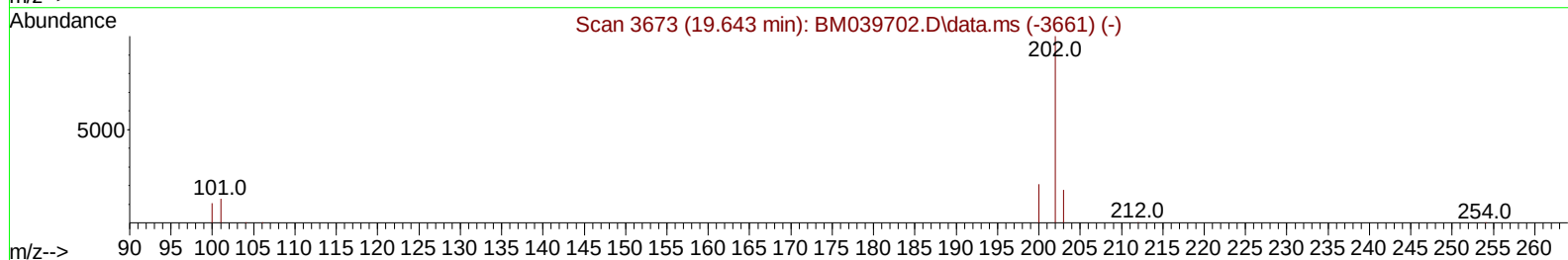
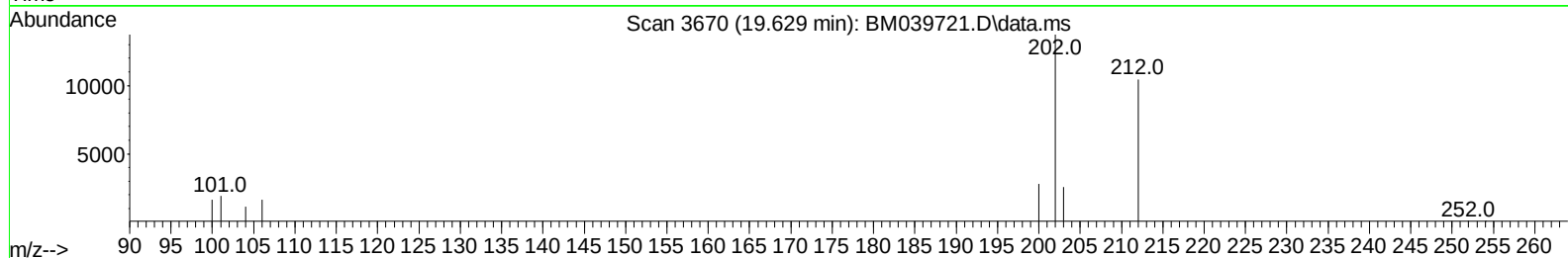
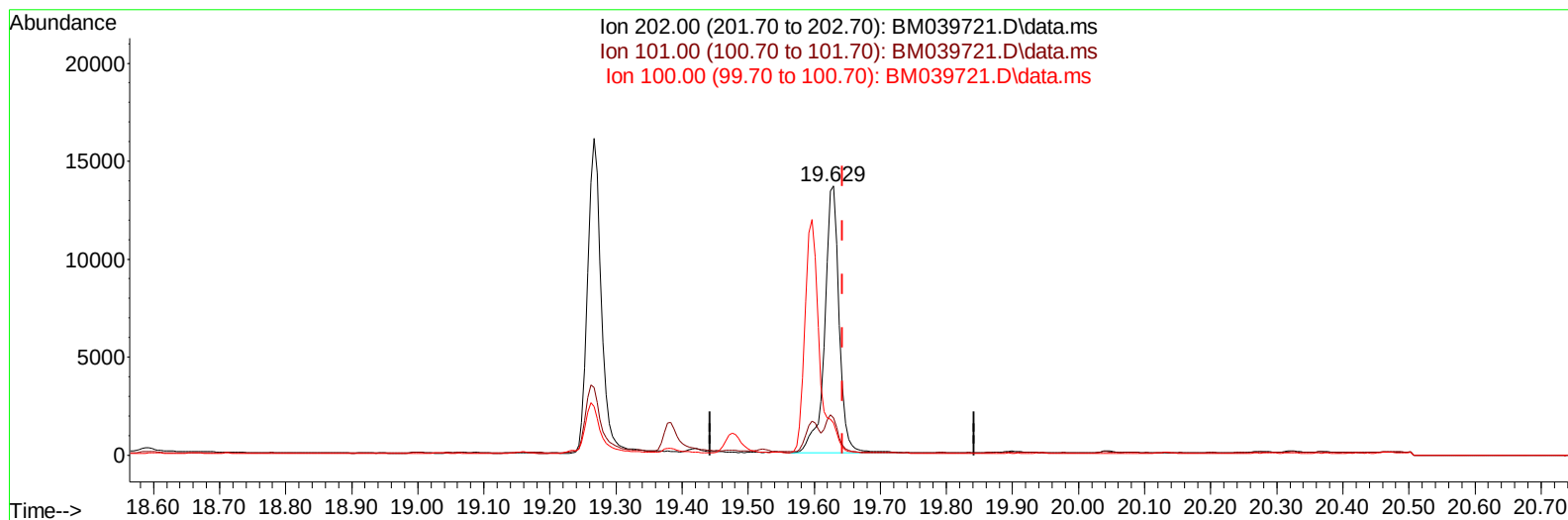
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
Data File : BM039721.D  
Acq On : 28 Apr 2023 00:22  
Operator : CG/JU  
Sample : 02417-11  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW8X7

Manual IntegrationsAPPROVED

Quant Time: Apr 28 02:35:51 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 28 02:30:02 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/28/2023  
Supervised By :Jagrut Upadhyay 04/28/2023



TIC: BM039721.D\data.ms

(20) Pyrene

19.629min (-0.014) 0.38 ng/u1

response 20774

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.60  | 13.93  |
| 100.00 | 11.10  | 11.85  |
| 0.00   | 0.00   | 0.00   |

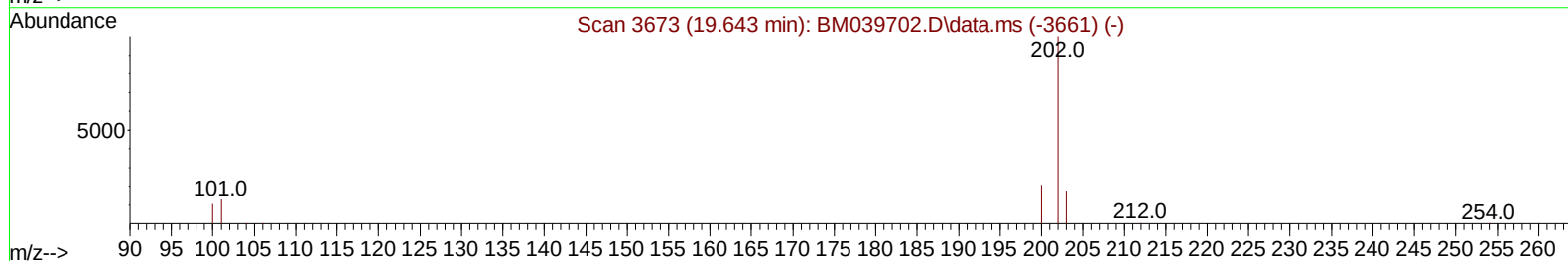
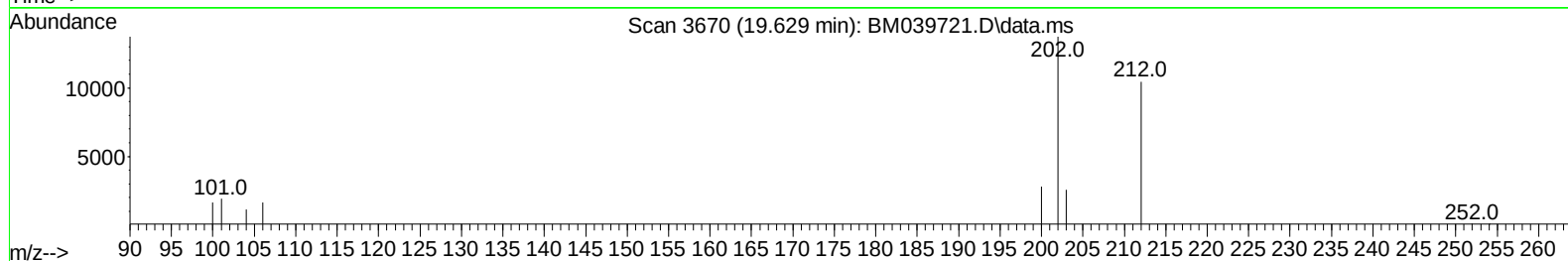
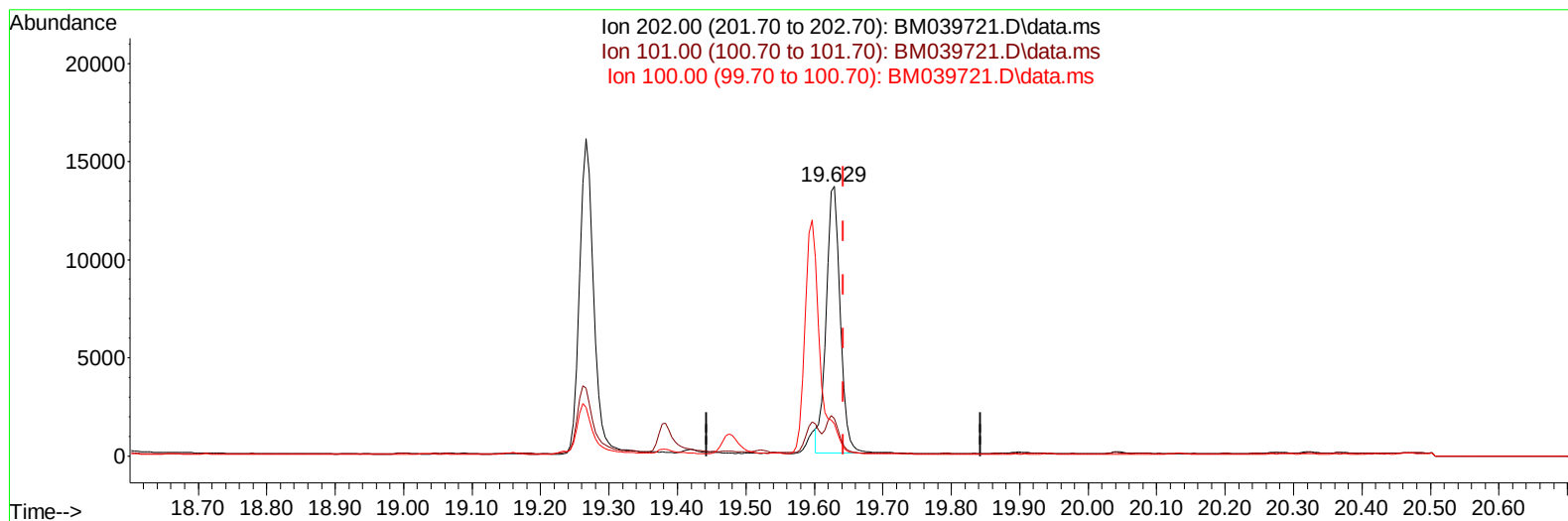
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
 Data File : BM039721.D  
 Acq On : 28 Apr 2023 00:22  
 Operator : CG/JU  
 Sample : 02417-11  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW8X7

Manual IntegrationsAPPROVED

Quant Time: Apr 28 02:35:51 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 28 02:30:02 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/28/2023  
 Supervised By :Jagrut Upadhyay 04/28/2023



TIC: BM039721.D\data.ms

(20) Pyrene

19.629min (-0.014) 0.36 ng/ul m

response 19422

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.60  | 13.93  |
| 100.00 | 11.10  | 11.85  |
| 0.00   | 0.00   | 0.00   |

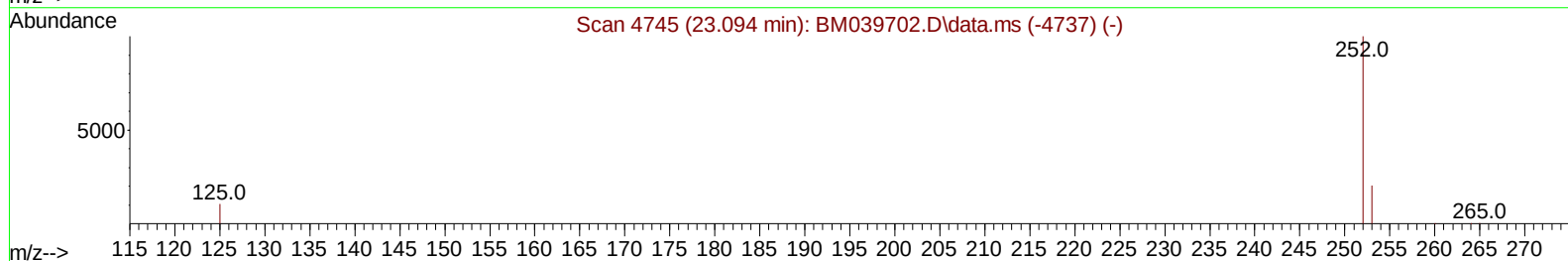
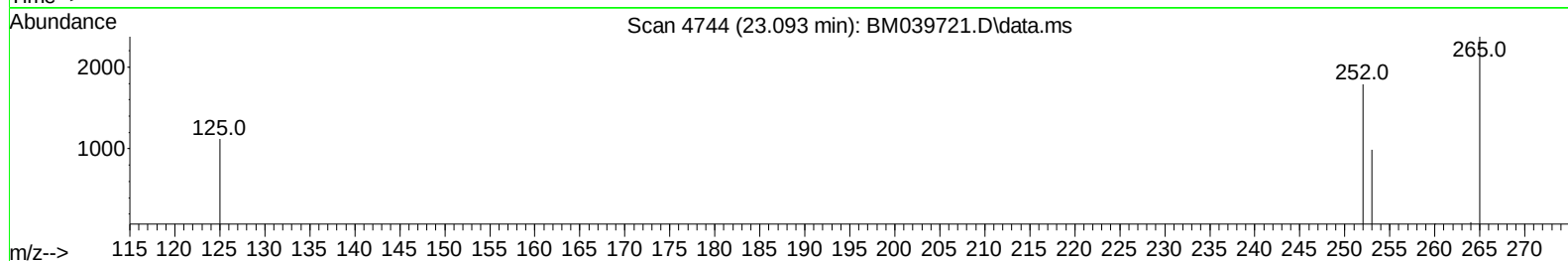
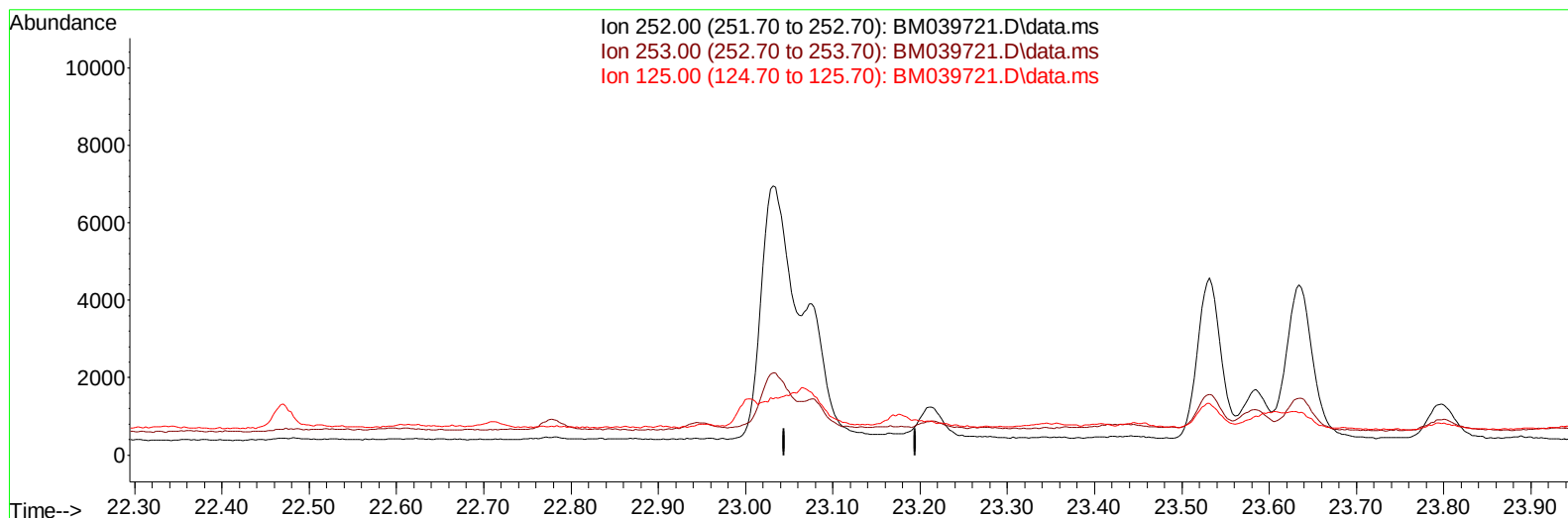
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
Data File : BM039721.D  
Acq On : 28 Apr 2023 00:22  
Operator : CG/JU  
Sample : 02417-11  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW8X7

Manual IntegrationsAPPROVED

Quant Time: Apr 28 02:35:51 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 28 02:30:02 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/28/2023  
Supervised By :Jagrut Upadhyay 04/28/2023



TIC: BM039721.D\data.ms

(25) Benzo(k)fluoranthene

23.094min (-23.094) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.60  | 0.00# |
| 125.00 | 16.30  | 0.00# |
| 0.00   | 0.00   | 0.00  |

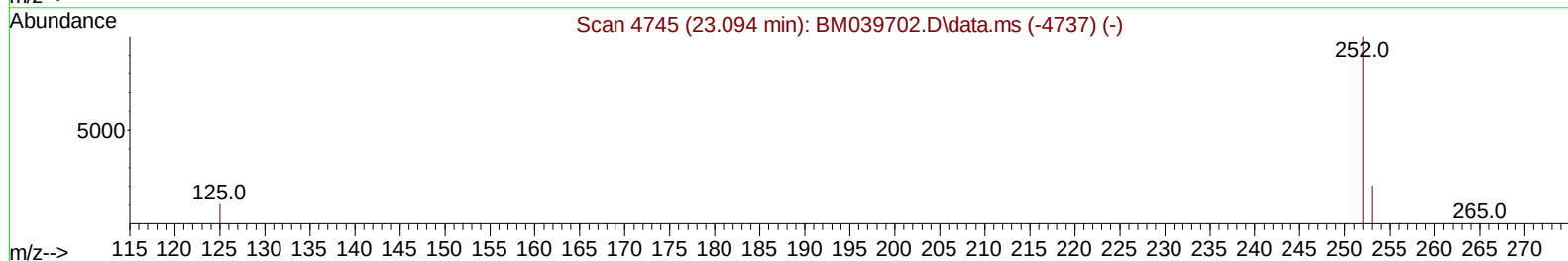
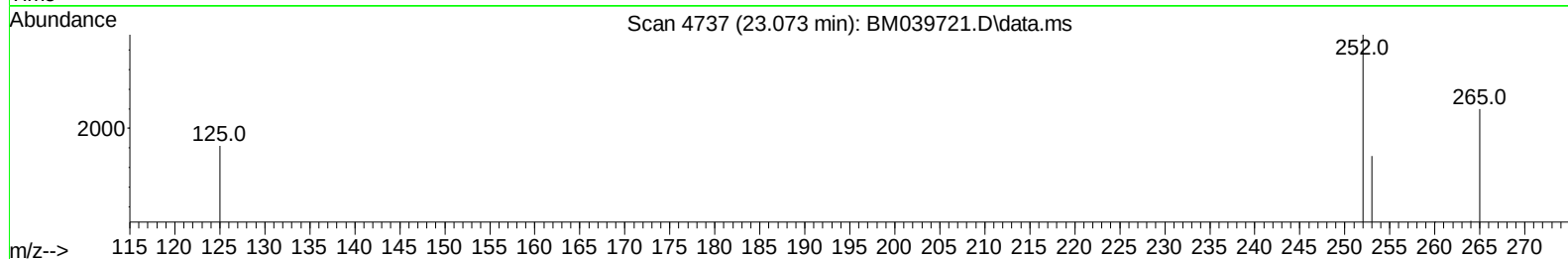
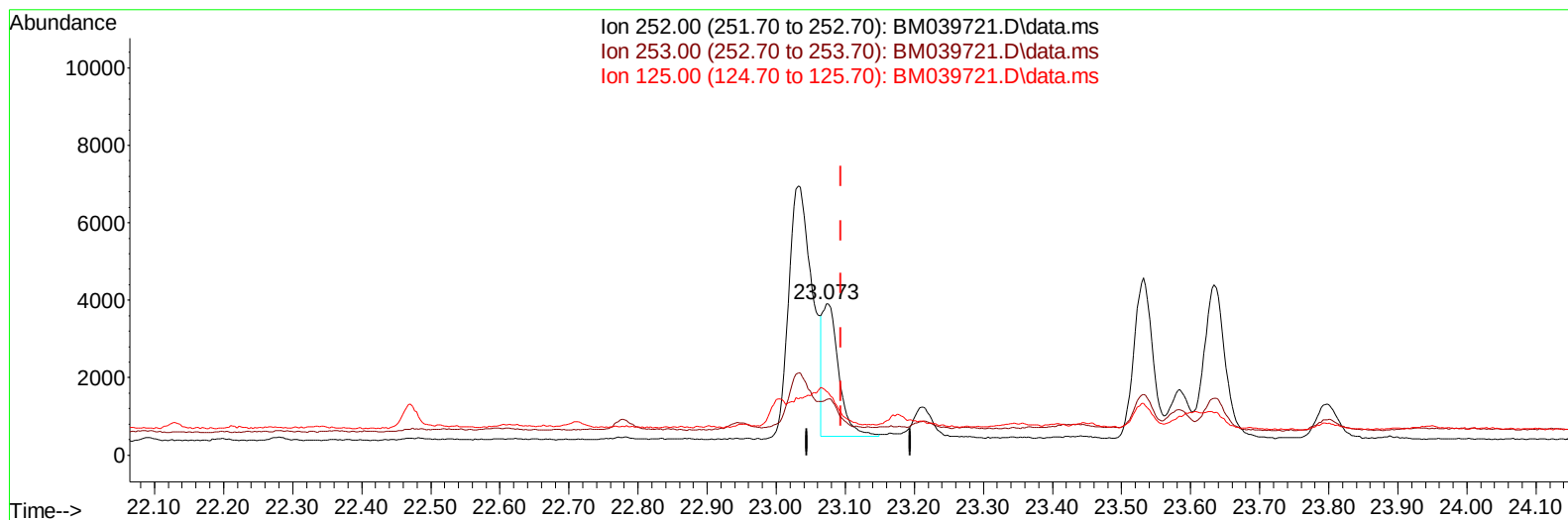
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
Data File : BM039721.D  
Acq On : 28 Apr 2023 00:22  
Operator : CG/JU  
Sample : 02417-11  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW8X7

## Manual IntegrationsAPPROVED

Quant Time: Apr 28 02:35:51 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 28 02:30:02 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/28/2023  
Supervised By :Jagrut Upadhyay 04/28/2023



TIC: BM039721.D\data.ms

## (25) Benzo(k)fluoranthene

23.073min (-0.022) 0.12 ng/ul m

response 5664

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 36.64# |
| 125.00 | 16.30  | 42.04# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
 Data File : BM039721.D  
 Acq On : 28 Apr 2023 00:22  
 Operator : CG/JU  
 Sample : 02417-11  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW8X7

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/28/2023  
 Supervised By :Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:35:51 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 28 02:30:02 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.800  | 152  | 3432     | 0.400  | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.601 | 136  | 12921    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.451 | 164  | 7610     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.204 | 188  | 16796    | 0.400  | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.398 | 240  | 14184    | 0.400  | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.745 | 264  | 12697    | 0.400  | ng/ul  | #-0.02   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.189  | 96   | 15421    | 3.049  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.206 | 152  | 3685     | 0.222  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.239 | 212  | 9841     | 0.258  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          | Qvalue |        |          |
| 5) Naphthalene              | 10.650 | 128  | 1008     | 0.031  | ng/ul# | 72       |
| 7) 2-Methylnaphthalene      | 12.283 | 142  | 641      | 0.034  | ng/ul  | 87       |
| 8) 1-Methylnaphthalene      | 12.498 | 142  | 517      | 0.026  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.168 | 152  | 867      | 0.029  | ng/ul# | 67       |
| 15) Phenanthrene            | 17.242 | 178  | 8988     | 0.203  | ng/ul  | 98       |
| 16) Anthracene              | 17.335 | 178  | 1405     | 0.037  | ng/ul# | 76       |
| 19) Fluoranthene            | 19.266 | 202  | 23324    | 0.461  | ng/ul# | 79       |
| 20) Pyrene                  | 19.629 | 202  | 19422m   | 0.355  | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.383 | 228  | 10114    | 0.248  | ng/ul  | 95       |
| 22) Chrysene                | 21.436 | 228  | 10767    | 0.233  | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.032 | 252  | 15526    | 0.348  | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.073 | 252  | 5664m    | 0.125  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.634 | 252  | 8444     | 0.211  | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.179 | 276  | 6292     | 0.124  | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.185 | 278  | 1463     | 0.037  | ng/ul# | 27       |
| 29) Benzo(g,h,i)perylene    | 26.920 | 276  | 5087     | 0.115  | ng/ul# | 87       |
| -----                       |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
Data File : BM039721.D  
Acq On : 28 Apr 2023 00:22  
Operator : CG/JU  
Sample : 02417-11  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW8X7

## Manual IntegrationsAPPROVED

Quant Time: Apr 28 02:35:51 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 28 02:30:02 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/28/2023  
Supervised By :Jagrut Upadhyay 04/28/2023

