

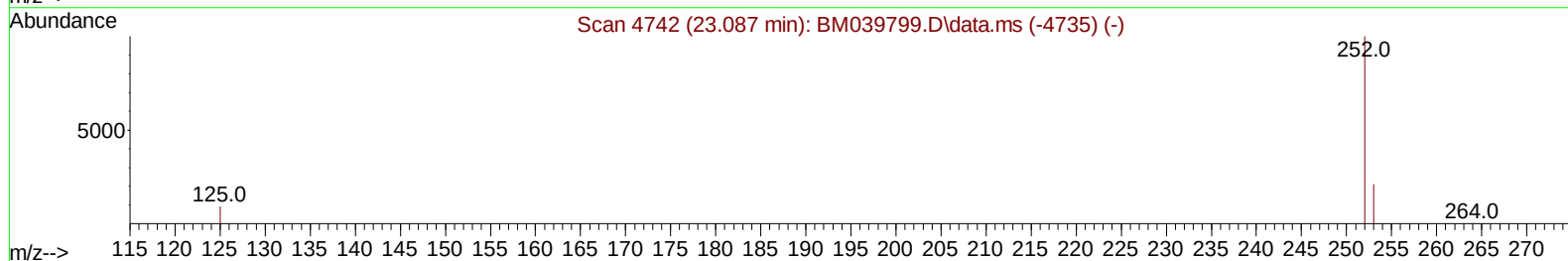
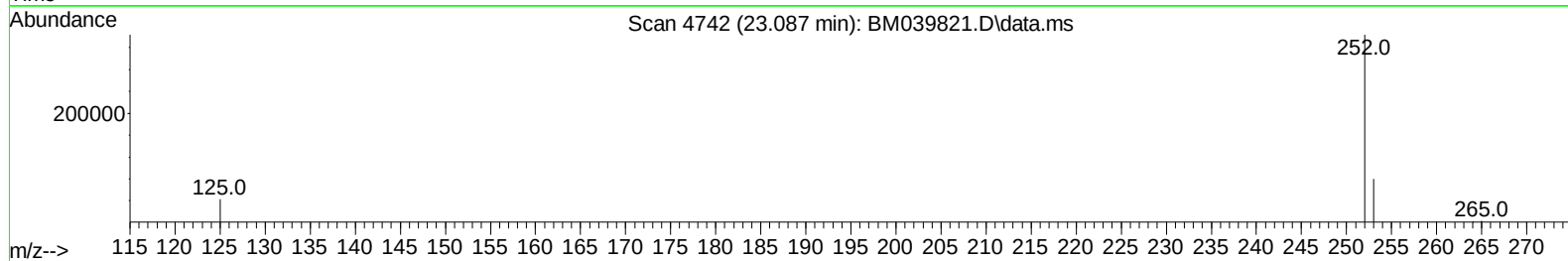
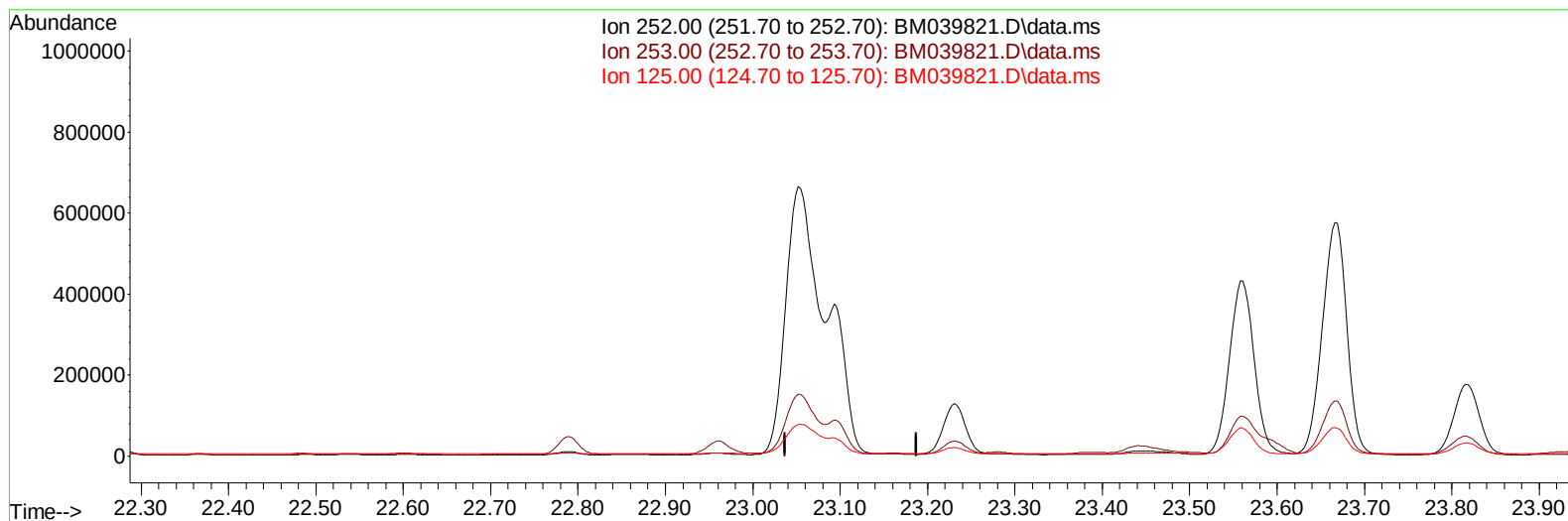
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050223\  
Data File : BM039821.D  
Acq On : 03 May 2023 03:08  
Operator : CG/JU  
Sample : 02419-22RE  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW919

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023  
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 03 05:23:15 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 : Tue May 02 18:41:11 2023  
Response via : Initial Calibration



TIC: BM039821.D\data.ms

## (25) Benzo(k)fluoranthene

23.087min (-23.087) 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  |

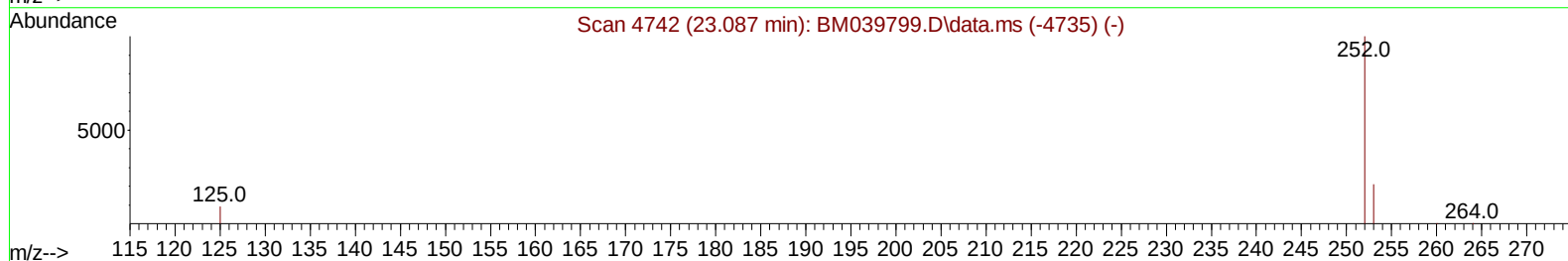
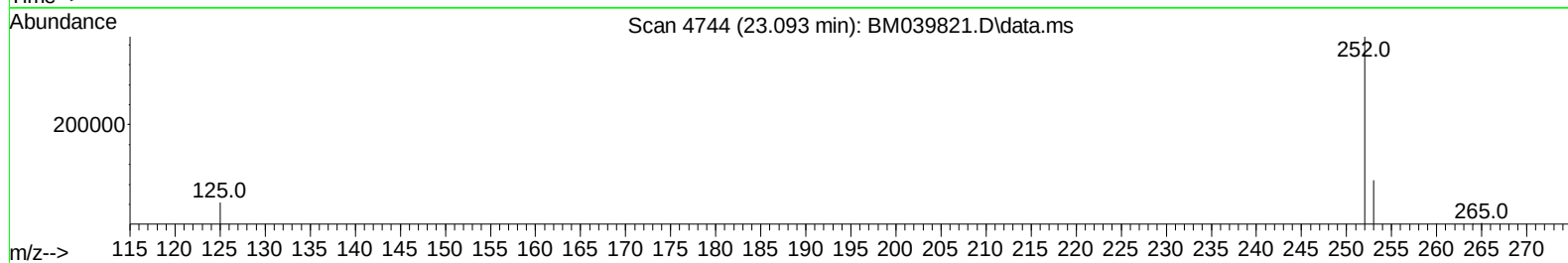
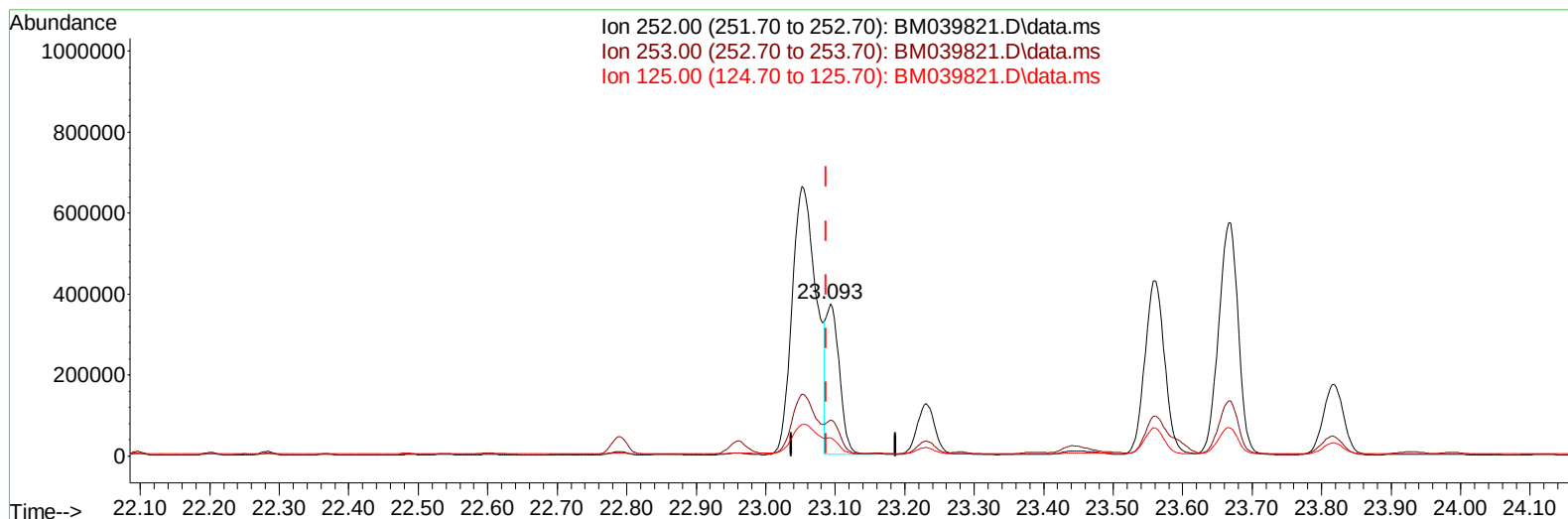
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TIC: BM039821.D\data.ms

(25) Benzo(k)fluoranthene

23.093min (+ 0.006) 14.09 ng/ul m

response 490717

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 23.72  |
| 125.00 | 16.30  | 11.78# |
| 0.00   | 0.00   | 0.00   |

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 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|---------|--------|----------|
| -----                       |        |      |          |         |        |          |
| Internal Standards          |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 3450     | 0.400   | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.589 | 136  | 10903    | 0.400   | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.446 | 164  | 5878     | 0.400   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.204 | 188  | 11026    | 0.400   | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.407 | 240  | 6497     | 0.400   | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.766 | 264  | 9742     | 0.400   | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8           | 3.180  | 96   | 12712    | 2.500   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.190 | 152  | 3140     | 0.225   | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.243 | 212  | 5627     | 0.322   | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |         |        |          |
|                             |        |      |          |         |        | Qvalue   |
| 5) Naphthalene              | 10.639 | 128  | 48418    | 1.768   | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.261 | 142  | 44264    | 2.801   | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.481 | 142  | 33540    | 1.979   | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.168 | 152  | 70831    | 3.113   | ng/ul  | 99       |
| 11) Acenaphthene            | 14.511 | 153  | 85063    | 4.760   | ng/ul  | 98       |
| 12) Fluorene                | 15.501 | 166  | 94905    | 4.787   | ng/ul  | 99       |
| 15) Phenanthrene            | 17.246 | 178  | 1528801  | 52.629  | ng/ul  | 99       |
| 16) Anthracene              | 17.339 | 178  | 349265   | 14.003  | ng/ul  | 97       |
| 19) Fluoranthene            | 19.276 | 202  | 2579446  | 111.285 | ng/ul  | 99       |
| 20) Pyrene                  | 19.638 | 202  | 2196855  | 87.767  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.389 | 228  | 1164329  | 62.331  | ng/ul  | 98       |
| 22) Chrysene                | 21.442 | 228  | 1028238  | 48.640  | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.052 | 252  | 1609461  | 47.042  | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 23.093 | 252  | 490717m  | 14.086  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.666 | 252  | 1127395  | 36.702  | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.219 | 276  | 854643   | 22.003  | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.219 | 278  | 216350   | 7.176   | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.981 | 276  | 807384   | 23.855  | ng/ul  | 97       |
| -----                       |        |      |          |         |        |          |

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

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