

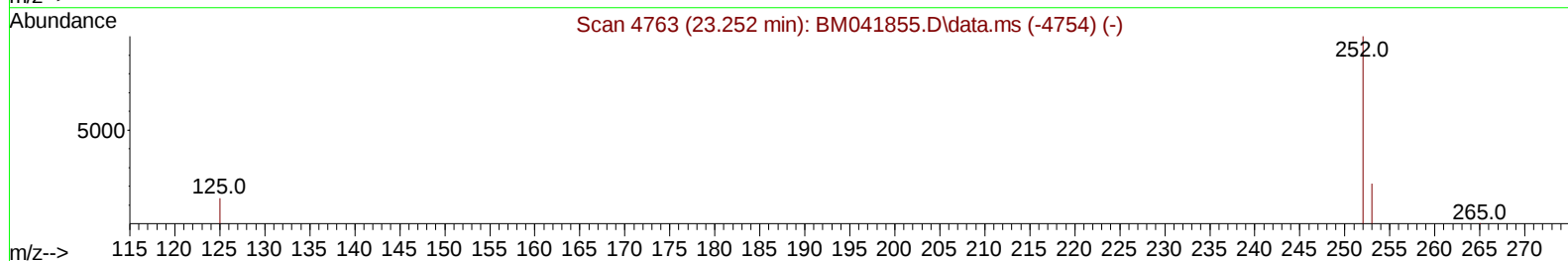
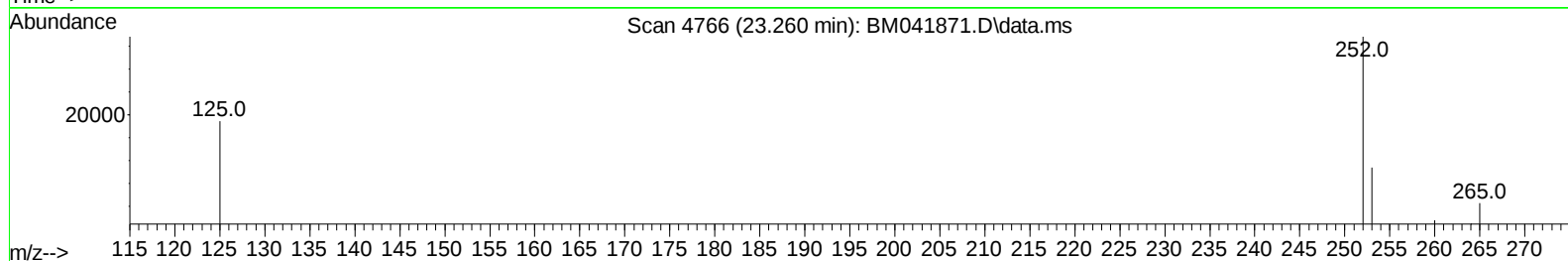
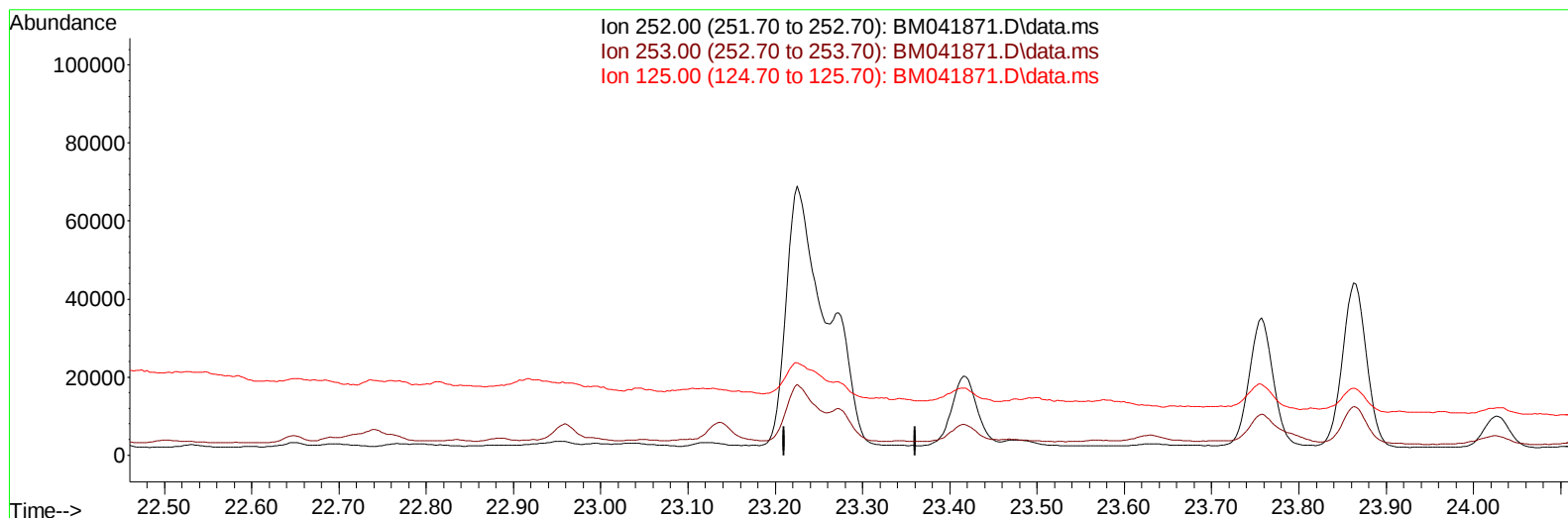
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091323\  
Data File : BM041871.D  
Acq On : 14 Sep 2023 19:25  
Operator : MA/JU  
Sample : 04175-10DL 10X  
Misc :  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EZYK4DL

Manual IntegrationsAPPROVED

Quant Time: Sep 15 00:30:13 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM091323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 13 16:15:23 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



TIC: BM041871.D\data.ms

(25) Benzo(k)fluoranthene

23.260min (-23.260) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 25.20  | 0.00# |
| 125.00 | 19.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

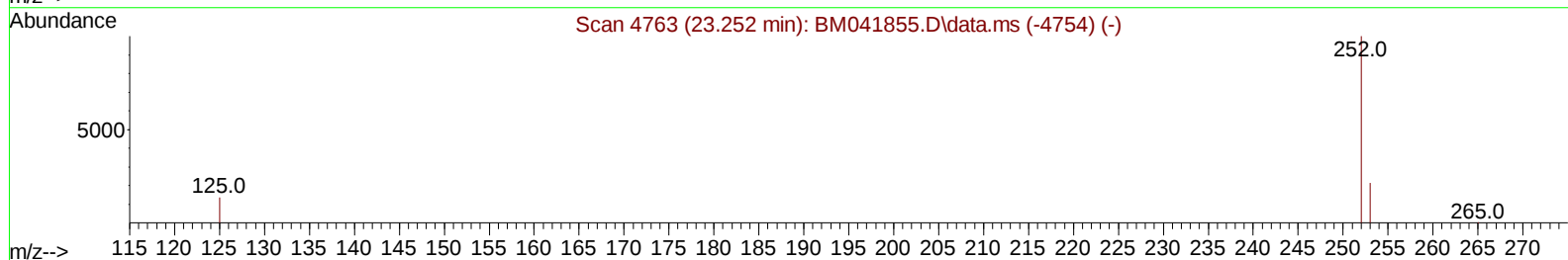
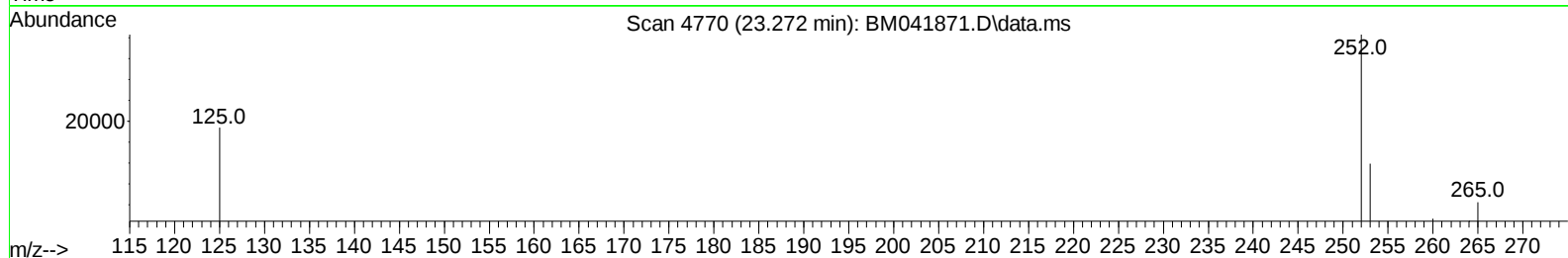
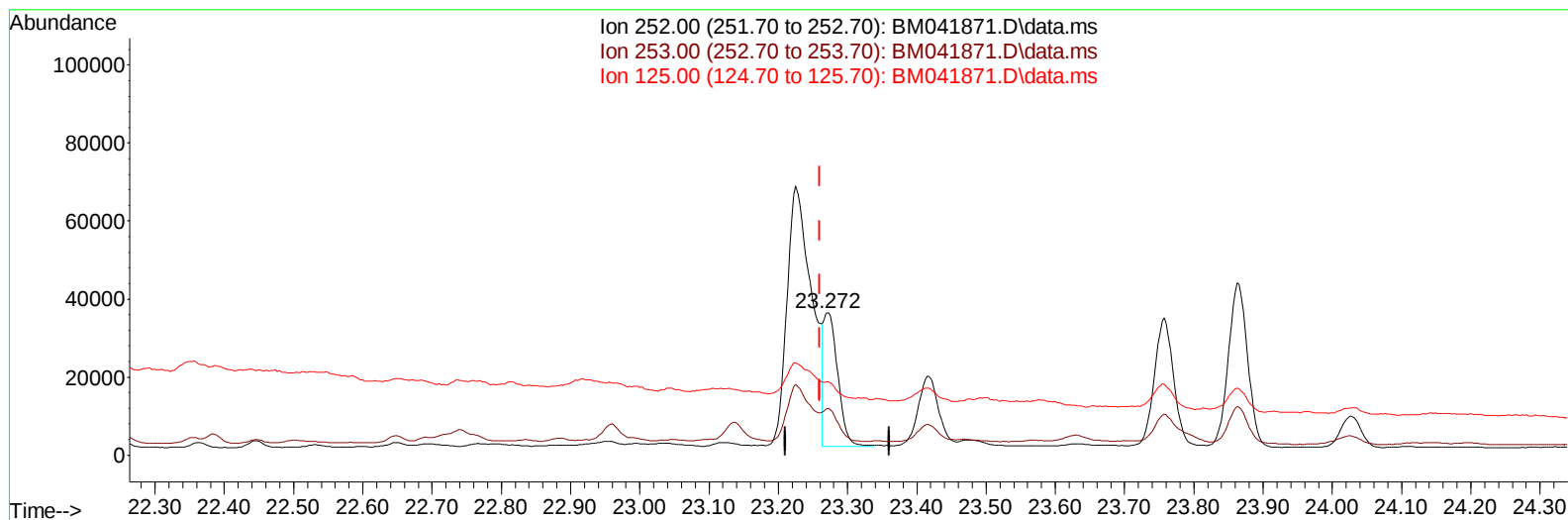
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TIC: BM041871.D\data.ms

(25) Benzo(k)fluoranthene

23.272min (+ 0.012) 0.68 ng/ul m

response 47798

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.20  | 32.60# |
| 125.00 | 19.80  | 51.40# |
| 0.00   | 0.00   | 0.00   |

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Instrument :  
 BNA\_M  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.975  | 152  | 7368     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.790 | 136  | 20383    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.620 | 164  | 11342    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.371 | 188  | 23269    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.547 | 240  | 10332    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.974 | 264  | 10670    | 0.400 | ng/ul  | # 0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.381  | 96   | 2685     | 0.287 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.374 | 152  | 789      | 0.028 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.399 | 212  | 1214     | 0.034 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.840 | 128  | 39026    | 0.568 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.445 | 142  | 28828    | 0.698 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.665 | 142  | 34744    | 0.825 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.347 | 152  | 63756    | 0.896 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.685 | 153  | 22064    | 0.405 | ng/ul  | 99       |
| 12) Fluorene                | 15.670 | 166  | 87556    | 1.376 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.413 | 178  | 462573   | 4.554 | ng/ul  | 99       |
| 16) Anthracene              | 17.506 | 178  | 158559   | 1.791 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.427 | 202  | 516255   | 6.451 | ng/ul  | 97       |
| 20) Pyrene                  | 19.789 | 202  | 382592   | 4.566 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.530 | 228  | 171735   | 2.519 | ng/ul# | 91       |
| 22) Chrysene                | 21.583 | 228  | 159419   | 2.285 | ng/ul# | 90       |
| 24) Benzo(b)fluoranthene    | 23.225 | 252  | 165143   | 2.175 | ng/ul  | 85       |
| 25) Benzo(k)fluoranthene    | 23.272 | 252  | 47798m   | 0.683 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.863 | 252  | 81812    | 1.413 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.481 | 276  | 51555    | 0.579 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.495 | 278  | 14257    | 0.217 | ng/ul# | 34       |
| 29) Benzo(g,h,i)perylene    | 27.269 | 276  | 43504    | 0.578 | ng/ul  | 92       |
| -----                       |        |      |          |       |        |          |

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

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