

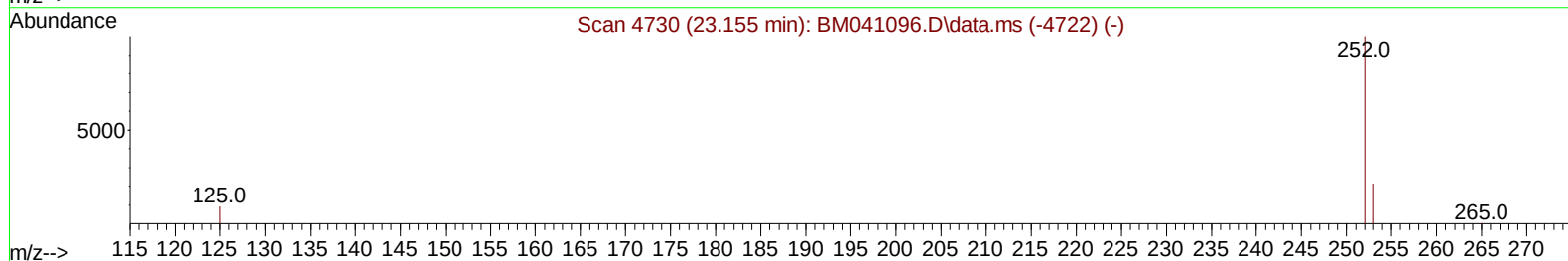
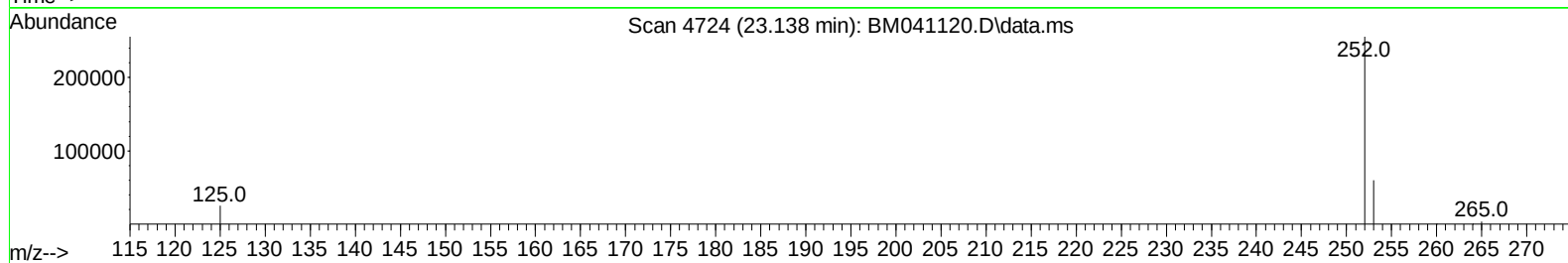
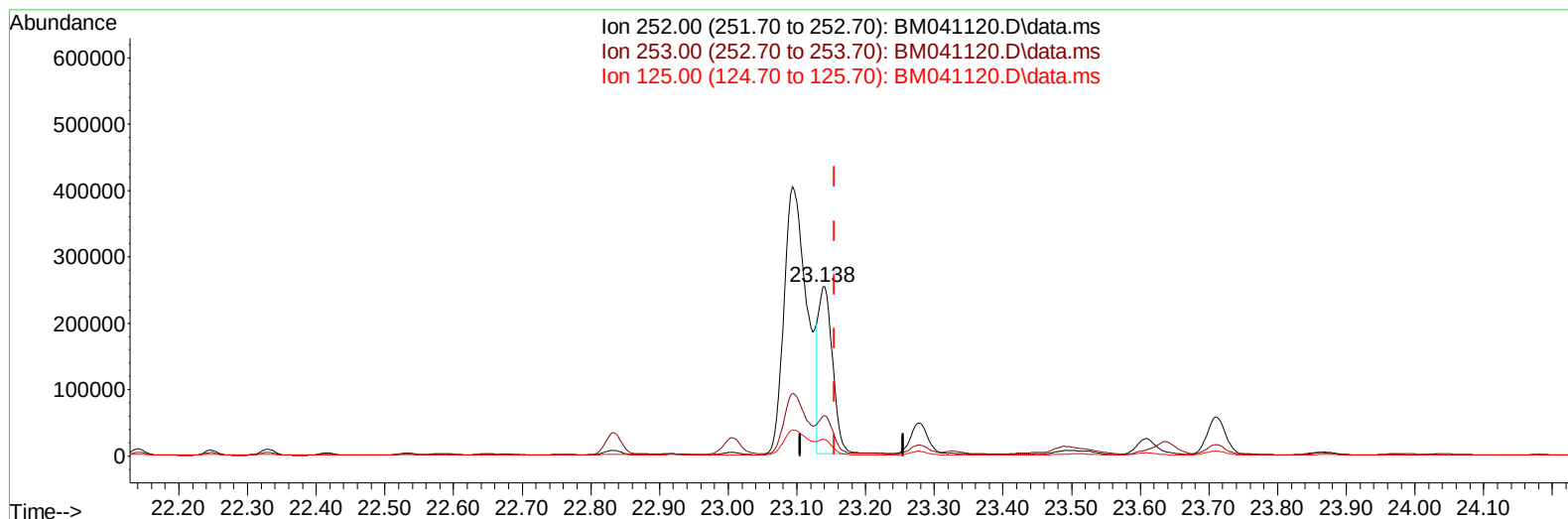
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072423\  
 Data File : BM041120.D  
 Acq On : 25 Jul 2023 23:54  
 Operator : MA/JU  
 Sample : 03540-03DL 5X  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4734DL

Manual IntegrationsAPPROVED

Quant Time: Jul 26 04:42:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM072423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 26 04:20:13 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/26/2023  
 Supervised By :mohammad ahmed 07/27/2023



TIC: BM041120.D\data.ms

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

**23.138min (-0.018) 4.91 ng/u1**

**response 348289**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.50  | 23.60  |
| 125.00 | 16.90  | 9.81#  |
| 0.00   | 0.00   | 0.00   |

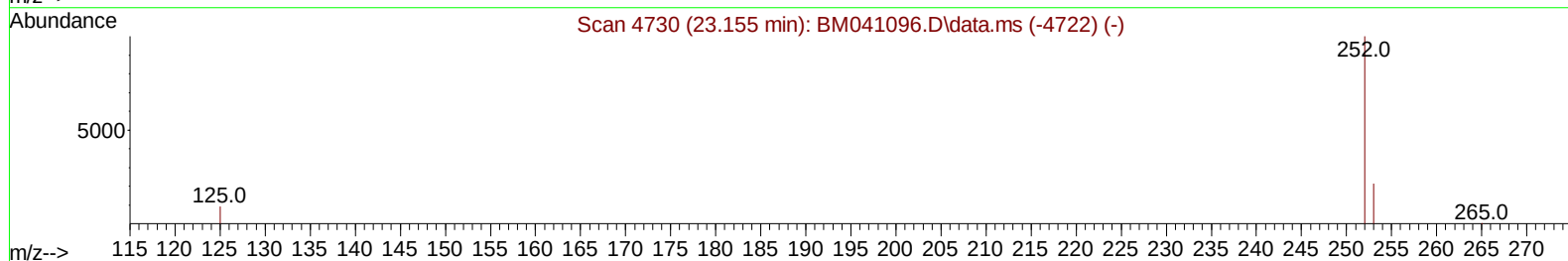
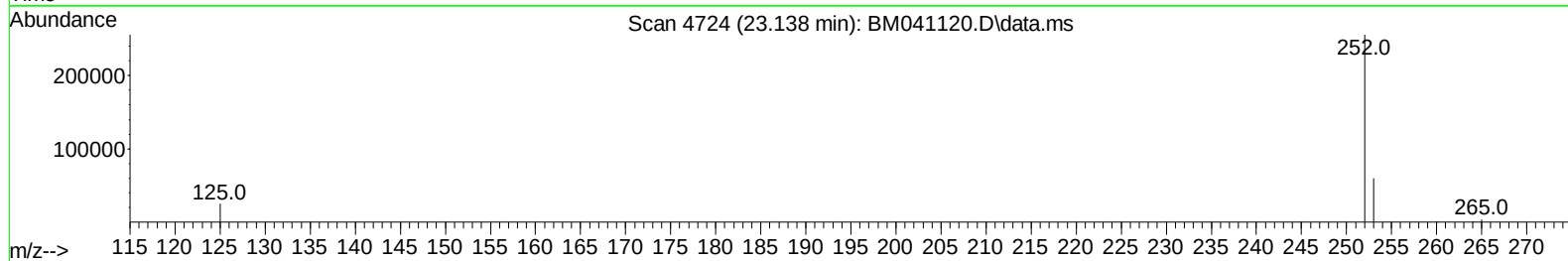
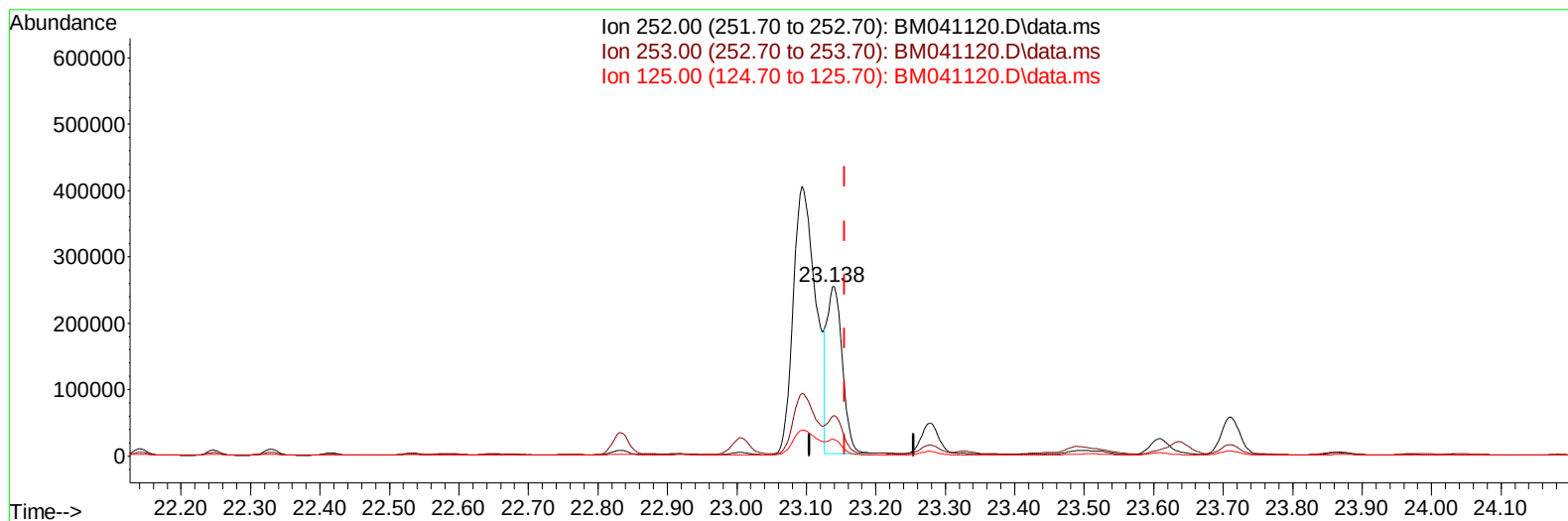
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TIC: BM041120.D\data.ms

(25) Benzo(k)fluoranthene

23.138min (-0.018) 5.42 ng/ul m

response 384464

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.50  | 23.60  |
| 125.00 | 16.90  | 9.81#  |
| 0.00   | 0.00   | 0.00   |

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.824  | 152  | 3911     | 0.400  | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.631 | 136  | 13288    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.486 | 164  | 7305     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.244 | 188  | 17786    | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.440 | 240  | 12906    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.819 | 264  | 18663    | 0.400  | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.250  | 96   | 2872     | 0.476  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.225 | 152  | 1514     | 0.080  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.278 | 212  | 2890     | 0.082  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.680 | 128  | 145149   | 3.357  | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.302 | 142  | 53009    | 2.502  | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.522 | 142  | 39382    | 1.810  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.208 | 152  | 29664    | 0.961  | ng/ul  | 97       |
| 11) Acenaphthene            | 14.546 | 153  | 174716   | 6.710  | ng/ul  | 99       |
| 12) Fluorene                | 15.541 | 166  | 201838   | 7.103  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.287 | 178  | 2056510  | 37.510 | ng/ul  | 98       |
| 16) Anthracene              | 17.375 | 178  | 448046   | 10.094 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.311 | 202  | 2325856  | 50.283 | ng/ul  | 97       |
| 20) Pyrene                  | 19.673 | 202  | 638404   | 12.517 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.422 | 228  | 937774   | 21.734 | ng/ul  | 100      |
| 22) Chrysene                | 21.475 | 228  | 777157   | 15.596 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.094 | 252  | 919523   | 12.365 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 23.138 | 252  | 384464m  | 5.416  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.711 | 252  | 108902   | 1.808  | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.270 | 276  | 134312   | 1.506  | ng/ul  | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.277 | 278  | 120457   | 1.722  | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.025 | 276  | 5479     | 0.069  | ng/ul# | 49       |
| -----                       |        |      |          |        |        |          |

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

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