

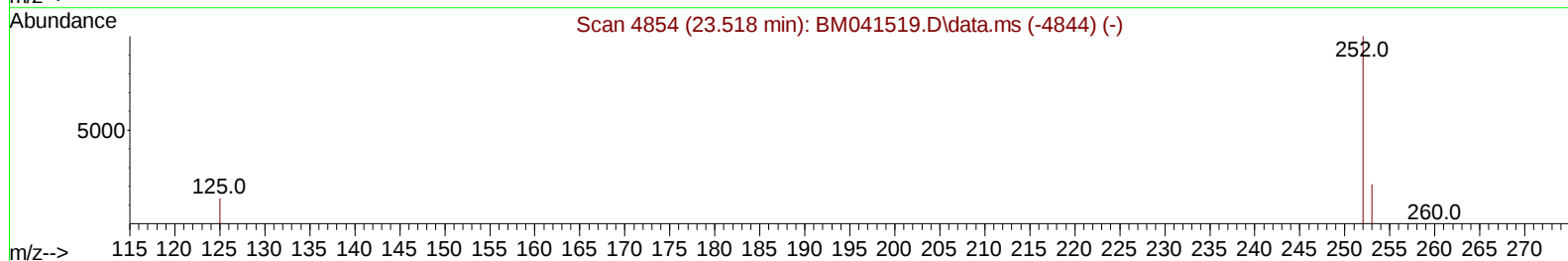
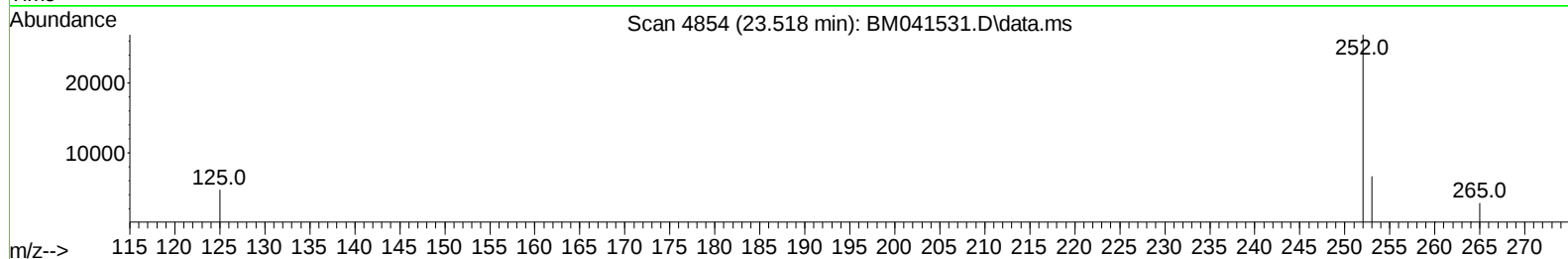
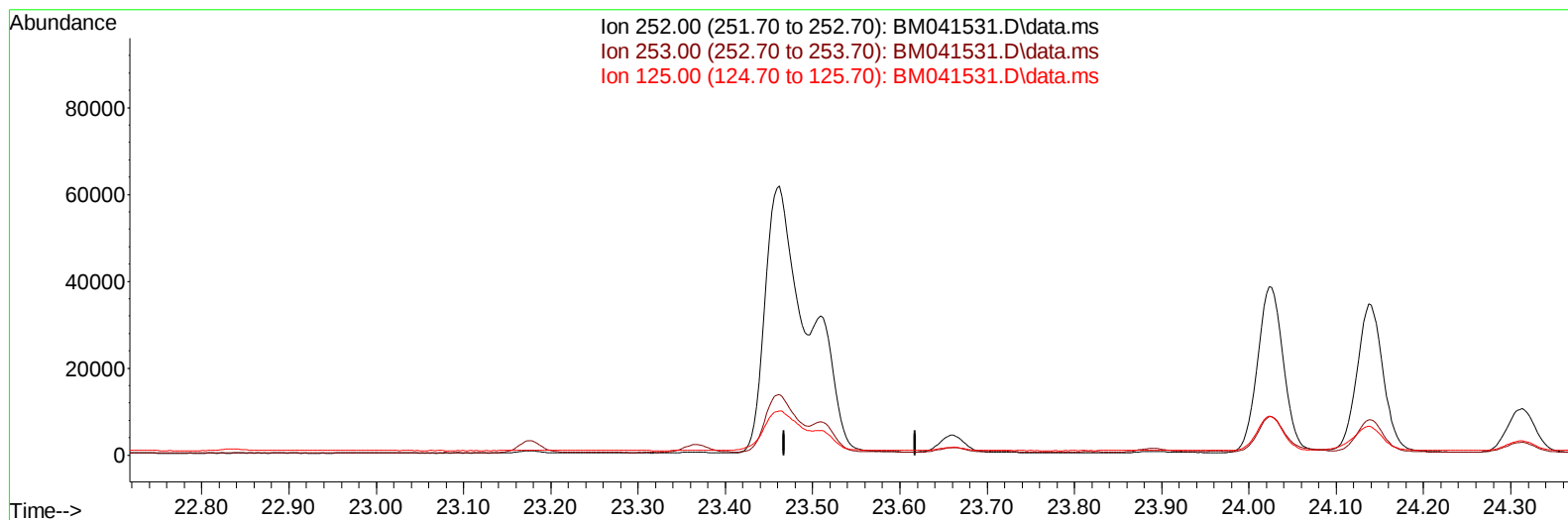
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082823\  
 Data File : BM041531.D  
 Acq On : 28 Aug 2023 20:54  
 Operator : MA/JU  
 Sample : 04037-07DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYE3DL

Manual IntegrationsAPPROVED

Quant Time: Aug 29 02:49:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM082823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 28 15:20:06 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/29/2023  
 Supervised By :mohammad ahmed 08/29/2023



TIC: BM041531.D\data.ms

(25) Benzo(k)fluoranthene

23.518min (-23.518) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 24.10  | 0.00# |
| 125.00 | 18.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

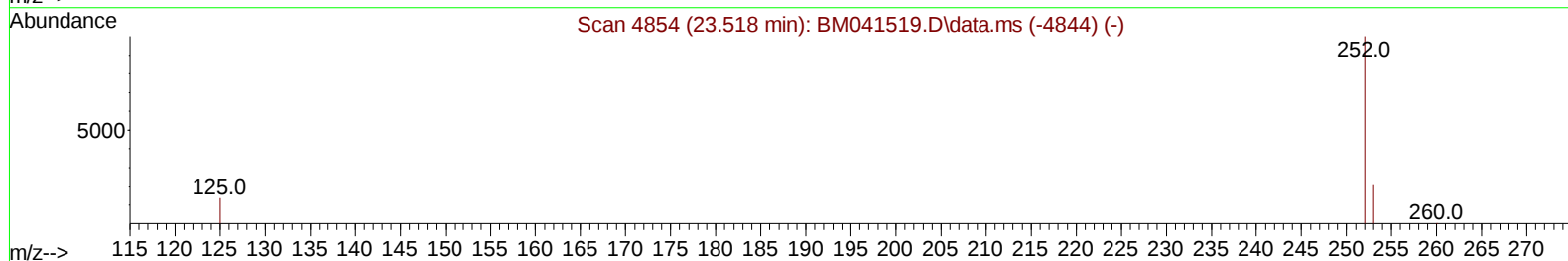
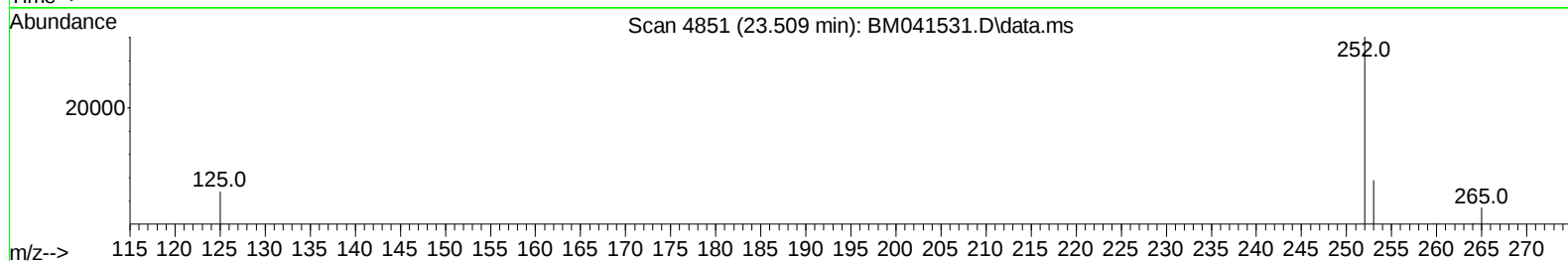
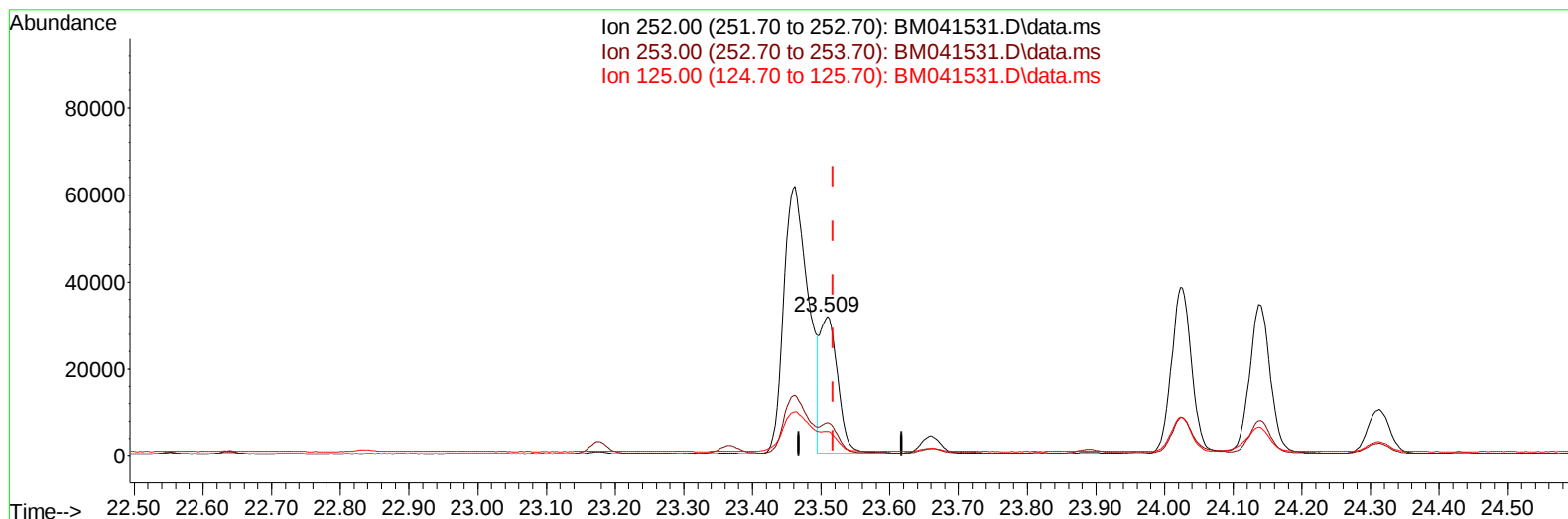
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**(25) Benzo(k)fluoranthene**

23.509min (-0.009) 0.73 ng/u1 m

response 57352

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.10  | 23.78  |
| 125.00 | 18.70  | 17.52  |
| 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   | 8.114  | 152  | 11683    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.944 | 136  | 29414    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.749 | 164  | 12848    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.502 | 188  | 22777    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.688 | 240  | 10971    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.254 | 264  | 12708    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.448  | 96   | 13875    | 0.955 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.517 | 152  | 1711     | 0.044 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.524 | 212  | 2157     | 0.048 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.994 | 128  | 5135     | 0.055 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.588 | 142  | 1240     | 0.022 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.814 | 153  | 1485     | 0.025 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.544 | 178  | 288639   | 3.088 | ng/ul  | 100      |
| 16) Anthracene              | 17.637 | 178  | 7845     | 0.091 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.557 | 202  | 395377   | 3.890 | ng/ul  | 98       |
| 20) Pyrene                  | 19.919 | 202  | 295118   | 2.870 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.673 | 228  | 93161    | 1.192 | ng/ul  | 99       |
| 22) Chrysene                | 21.729 | 228  | 128873   | 1.664 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.462 | 252  | 152285   | 1.885 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.509 | 252  | 57352m   | 0.726 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 24.137 | 252  | 72127    | 0.988 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.961 | 276  | 77505    | 0.790 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.998 | 278  | 16313    | 0.231 | ng/ul  | 93       |
| 29) Benzo(g,h,i)perylene    | 27.810 | 276  | 75264    | 0.915 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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