

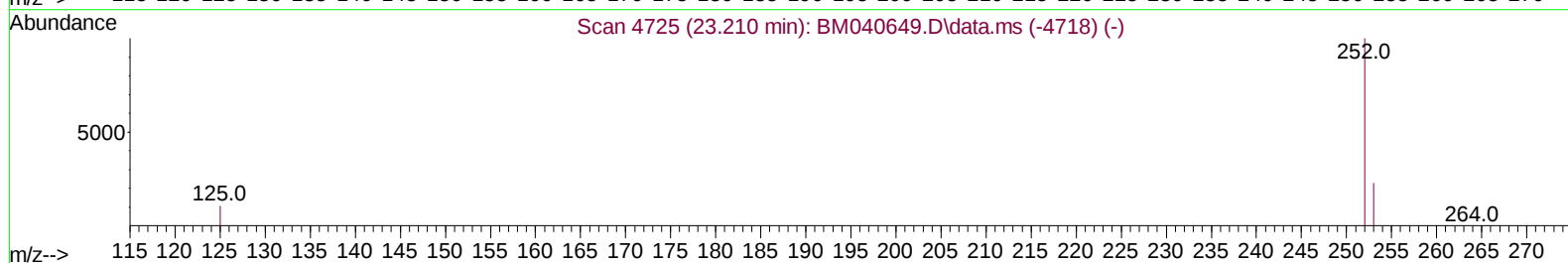
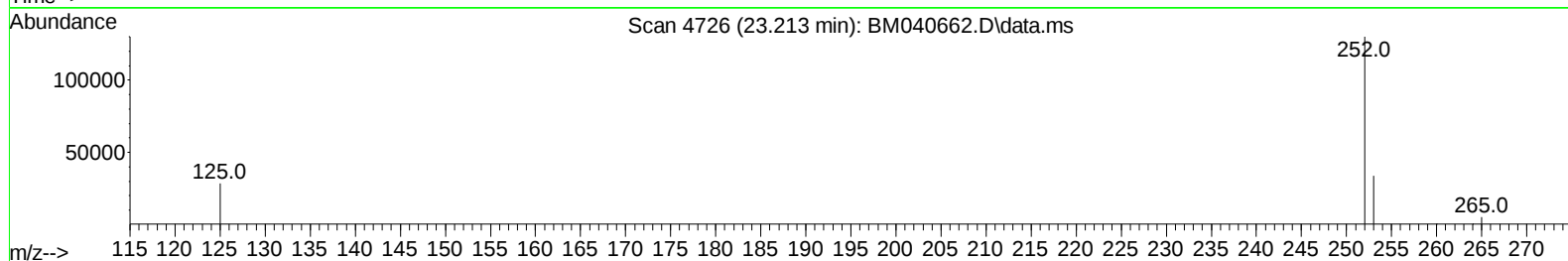
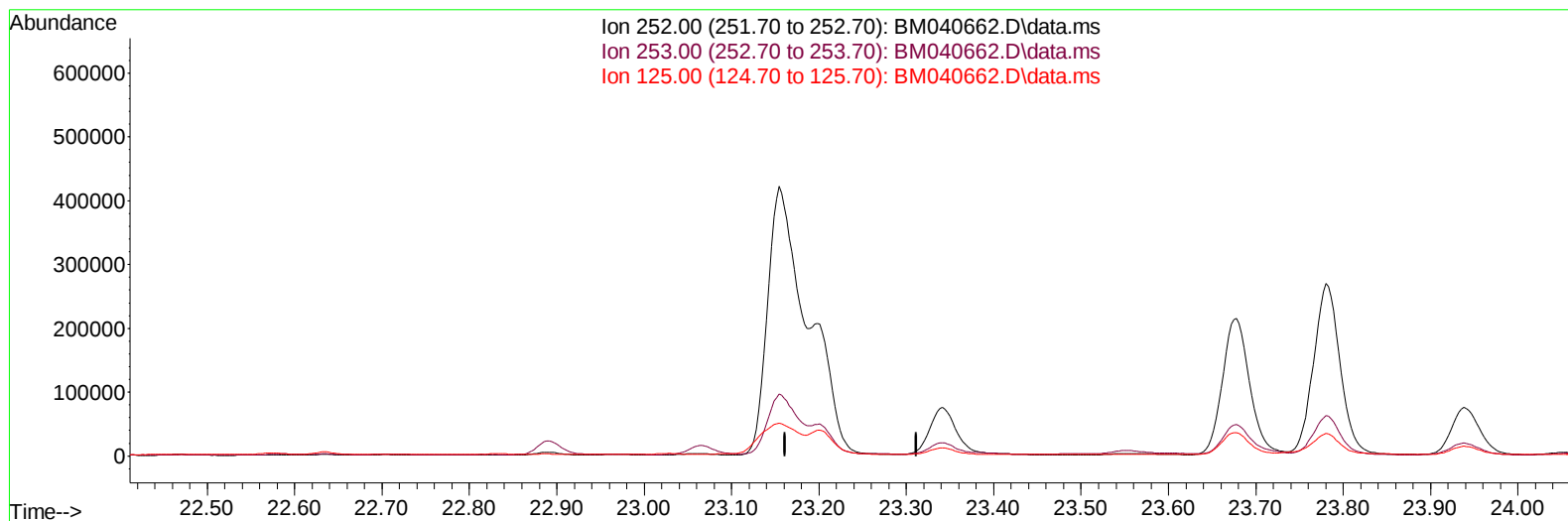
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070523\  
 Data File : BM040662.D  
 Acq On : 06 Jul 2023 05:06  
 Operator : MA/JU  
 Sample : 03248-04  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGN2

Manual IntegrationsAPPROVED

Quant Time: Jul 06 05:39:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 05 09:30:35 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/06/2023  
 Supervised By :Sohil Jodhani 07/06/2023



TIC: BM040662.D\data.ms

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

23.212min (-23.212) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.50  | 0.00# |
| 125.00 | 20.50  | 0.00# |
| 0.00   | 0.00   | 0.00  |

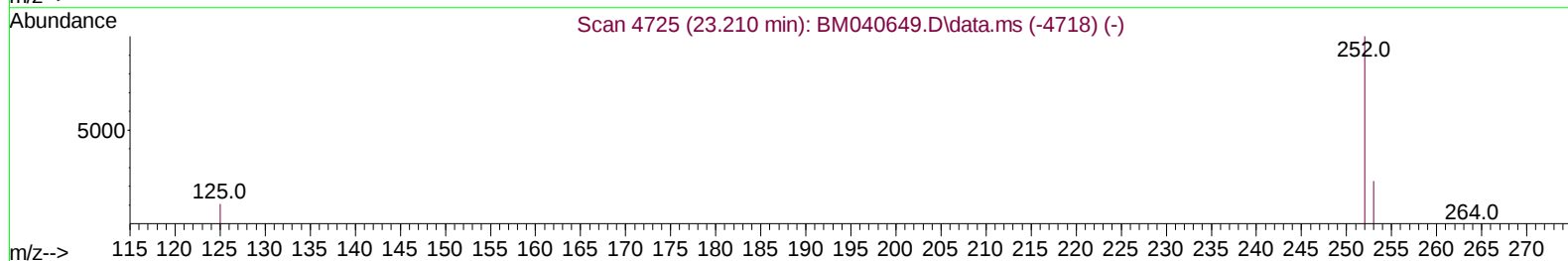
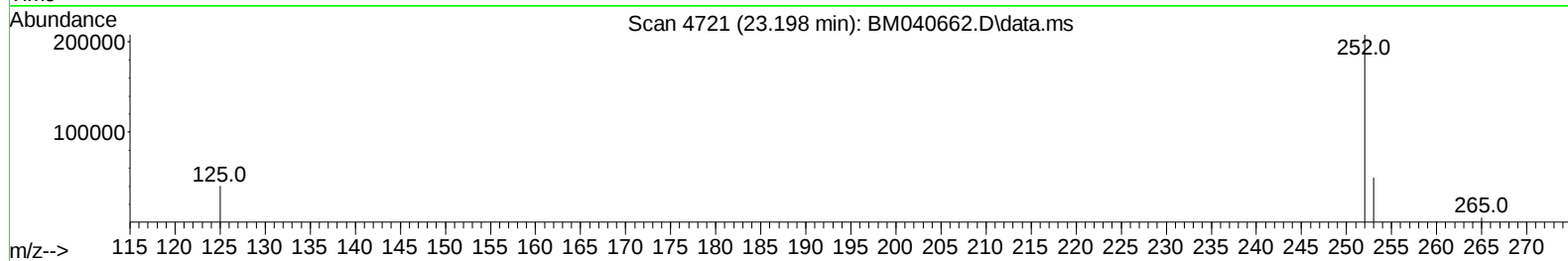
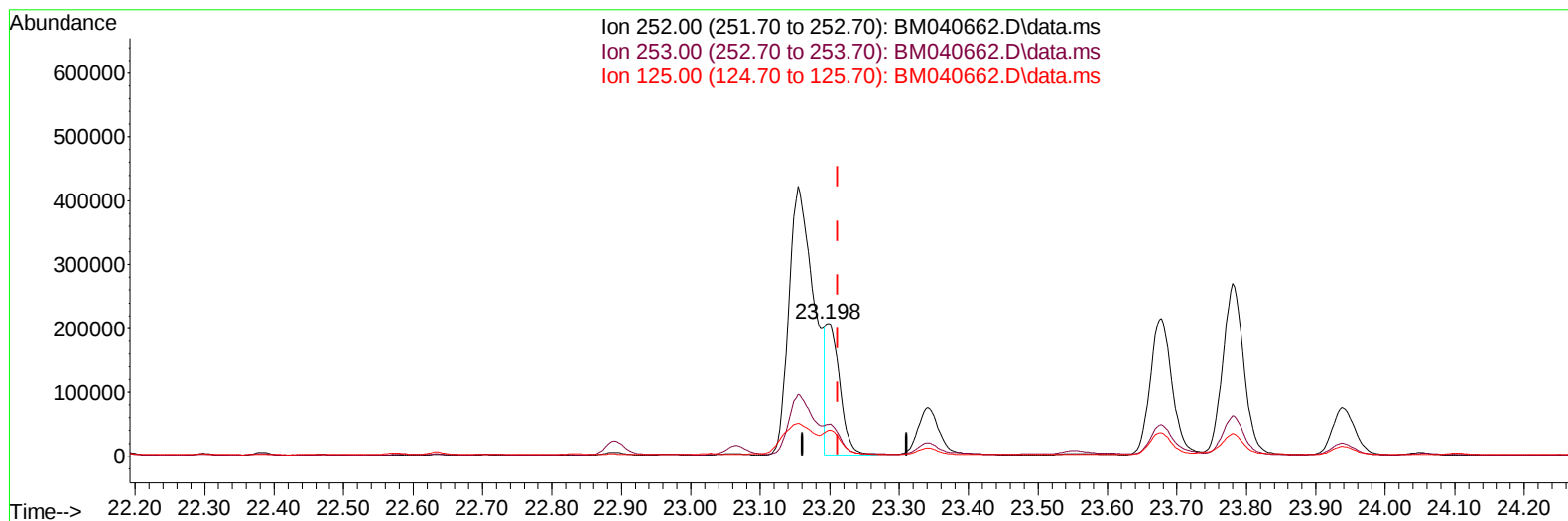
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## (25) Benzo(k)fluoranthene

23.198min (-0.013) 3.54 ng/u1 m

response 285238

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 23.96  |
| 125.00 | 20.50  | 19.42  |
| 0.00   | 0.00   | 0.00   |

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 ALS Vial : 31 Sample Multiplier: 1

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.907  | 152  | 6489     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.712 | 136  | 24242    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.549 | 164  | 13374    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.298 | 188  | 27226    | 0.400  | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.485 | 240  | 23196    | 0.400  | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.888 | 264  | 21143    | 0.400  | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.308  | 96   | 19811    | 1.944  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.301 | 152  | 5591     | 0.165  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.328 | 212  | 11696    | 0.157  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.761 | 128  | 163155   | 2.440  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.373 | 142  | 31678    | 0.807  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.593 | 142  | 10263    | 0.262  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.272 | 152  | 186066   | 3.114  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.614 | 153  | 11047    | 0.219  | ng/ul  | 97       |
| 12) Fluorene                | 15.599 | 166  | 15569    | 0.289  | ng/ul# | 98       |
| 15) Phenanthrene            | 17.341 | 178  | 367981   | 4.351  | ng/ul  | 99       |
| 16) Anthracene              | 17.433 | 178  | 129810   | 1.827  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.356 | 202  | 1104517  | 11.210 | ng/ul  | 96       |
| 20) Pyrene                  | 19.723 | 202  | 873547   | 8.269  | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.468 | 228  | 658250   | 8.390  | ng/ul  | 97       |
| 22) Chrysene                | 21.520 | 228  | 526407   | 5.882  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.154 | 252  | 1058021  | 12.931 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 23.198 | 252  | 285238m  | 3.537  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.780 | 252  | 566923   | 7.692  | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.377 | 276  | 487296   | 4.747  | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.383 | 278  | 119907   | 1.492  | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.148 | 276  | 377925   | 4.201  | ng/ul  | 94       |
| -----                       |        |      |          |        |        |          |

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

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