

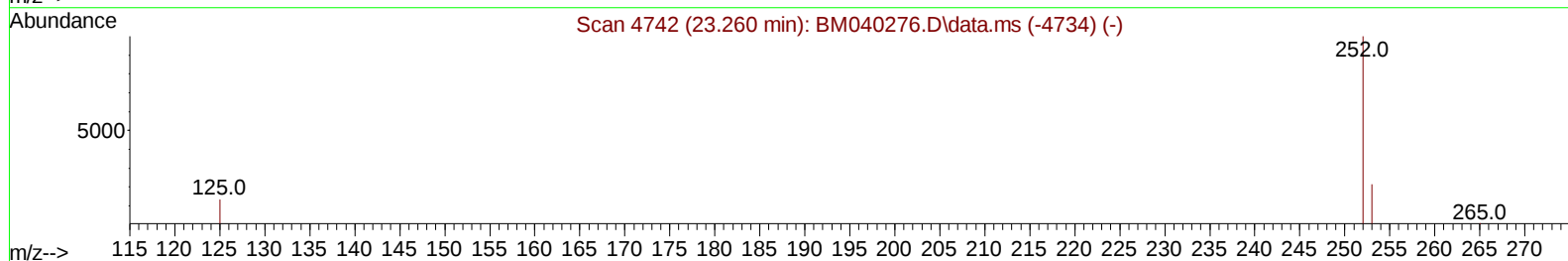
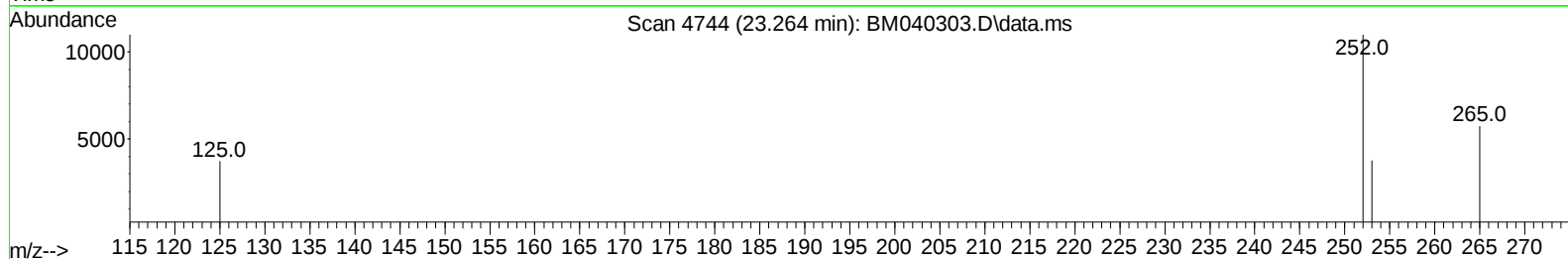
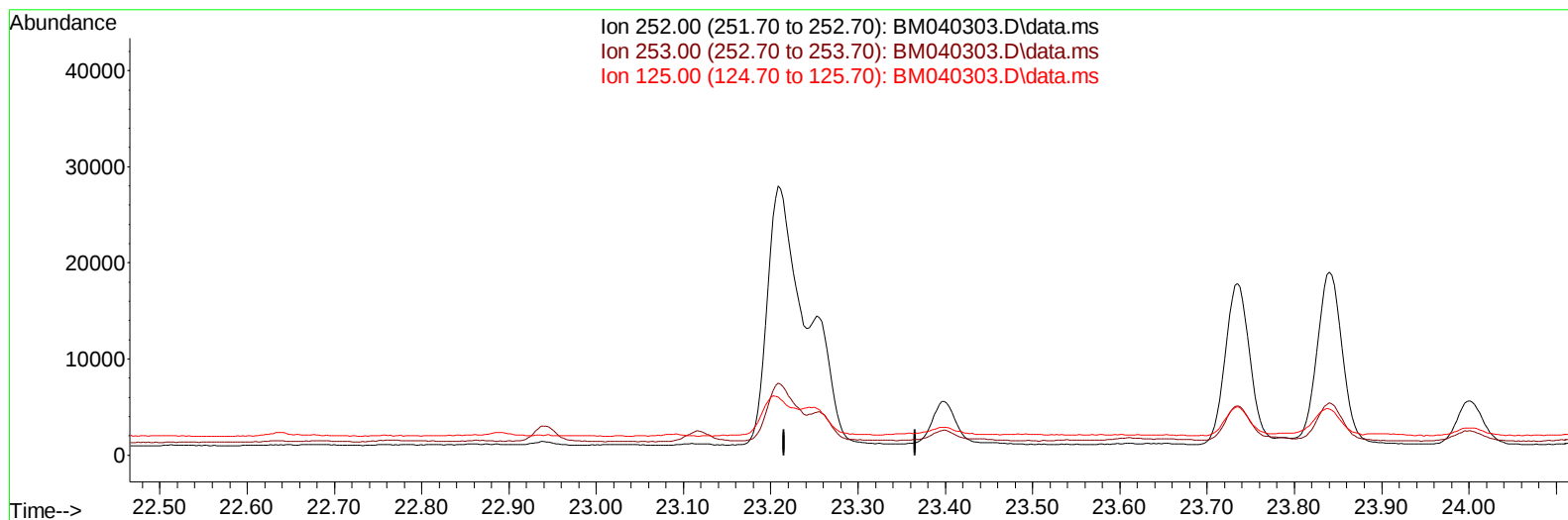
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061623\  
 Data File : BM040303.D  
 Acq On : 17 Jun 2023 04:53  
 Operator : MA/JU  
 Sample : 03080-19DL 5X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFJ8DL

Manual IntegrationsAPPROVED

Quant Time: Jun 17 05:34:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:31:16 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/19/2023  
 Supervised By :mohammad ahmed 06/20/2023



TIC: BM040303.D\data.ms

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

23.266min (-23.266) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.90  | 0.00# |
| 125.00 | 18.40  | 0.00# |
| 0.00   | 0.00   | 0.00  |

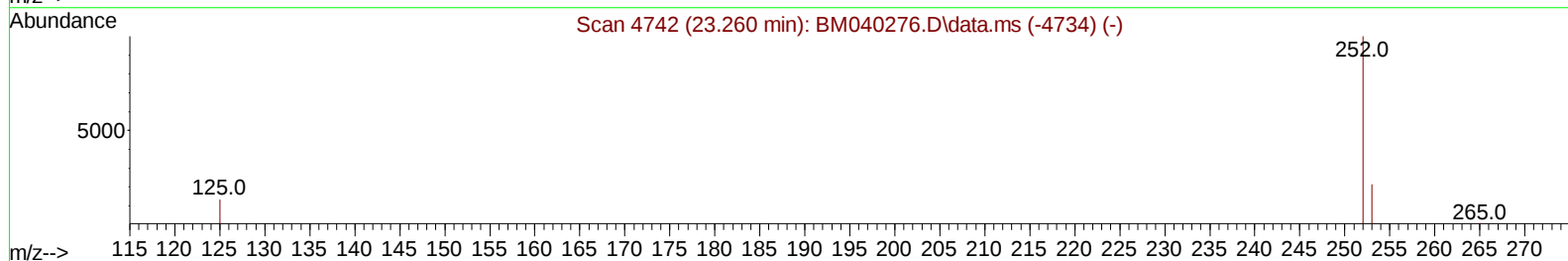
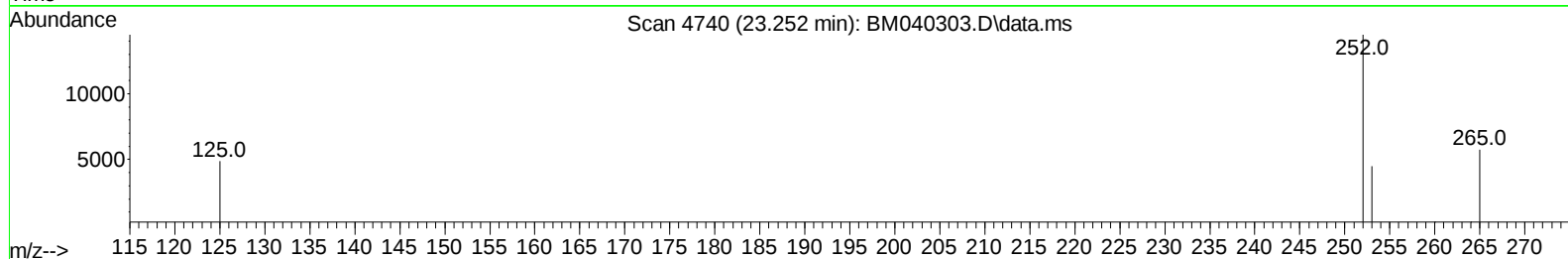
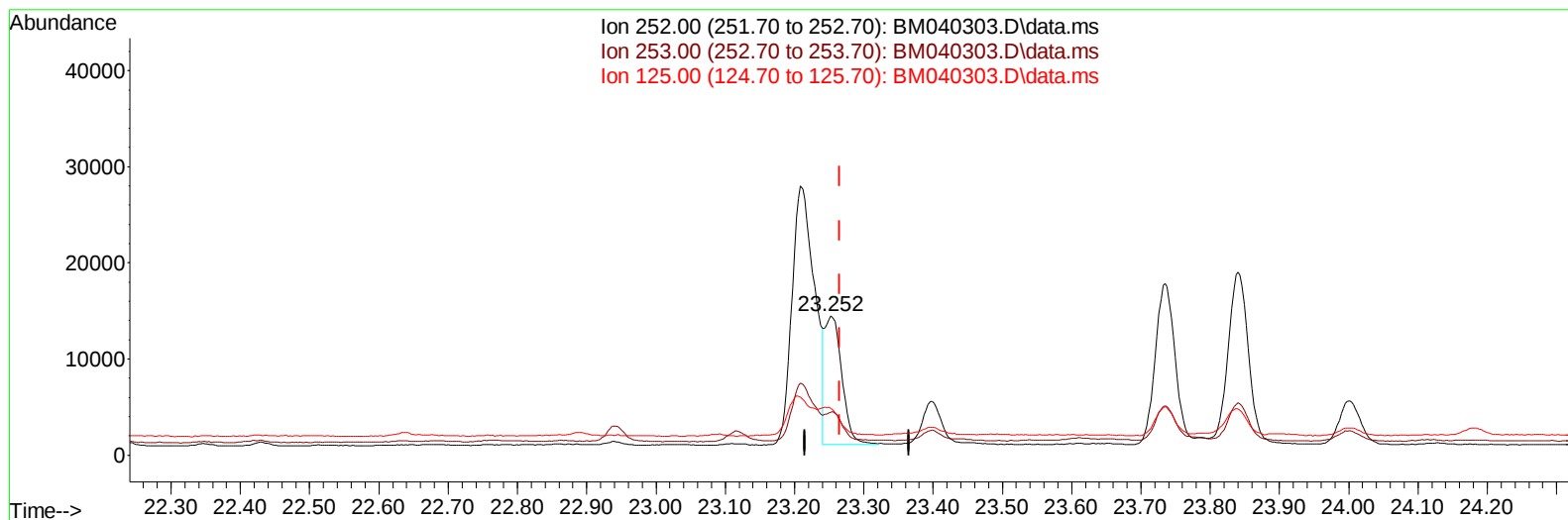
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TIC: BM040303.D\data.ms

(25) Benzo(k)fluoranthene

23.252min (-0.013) 0.57 ng/u1 m

response 22667

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.90  | 30.98  |
| 125.00 | 18.40  | 33.53# |
| 0.00   | 0.00   | 0.00   |

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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 DCFJ8DL

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.970  | 152  | 4825     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.777 | 136  | 17759    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.604 | 164  | 9603     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.348 | 188  | 17183    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.525 | 240  | 11456    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.948 | 264  | 11379    | 0.400  | ng/ul  | #-0.01   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.350  | 96   | 10818    | 1.816  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.366 | 152  | 2674     | 0.119  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.374 | 212  | 4138     | 0.145  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          | Qvalue |        |          |
| 5) Naphthalene              | 10.826 | 128  | 8073     | 0.192  | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 12.437 | 142  | 5118     | 0.196  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.657 | 142  | 3816     | 0.139  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.326 | 152  | 8813     | 0.262  | ng/ul# | 96       |
| 11) Acenaphthene            | 14.668 | 153  | 1043     | 0.036  | ng/ul# | 94       |
| 12) Fluorene                | 15.649 | 166  | 1132     | 0.035  | ng/ul# | 77       |
| 15) Phenanthrene            | 17.390 | 178  | 30099    | 0.666  | ng/ul  | 99       |
| 16) Anthracene              | 17.483 | 178  | 4569     | 0.119  | ng/ul# | 89       |
| 19) Fluoranthene            | 19.401 | 202  | 70553    | 1.808  | ng/ul  | 99       |
| 20) Pyrene                  | 19.764 | 202  | 64052    | 1.580  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.508 | 228  | 31695    | 0.937  | ng/ul  | 94       |
| 22) Chrysene                | 21.563 | 228  | 41935    | 1.174  | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.209 | 252  | 61685    | 1.471  | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.252 | 252  | 22667m   | 0.574  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.840 | 252  | 36625    | 1.064  | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.463 | 276  | 31575    | 0.725  | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.466 | 278  | 8020     | 0.229  | ng/ul# | 67       |
| 29) Benzo(g,h,i)perylene    | 27.241 | 276  | 31900    | 0.877  | ng/ul  | 95       |
| -----                       |        |      |          |        |        |          |

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

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