

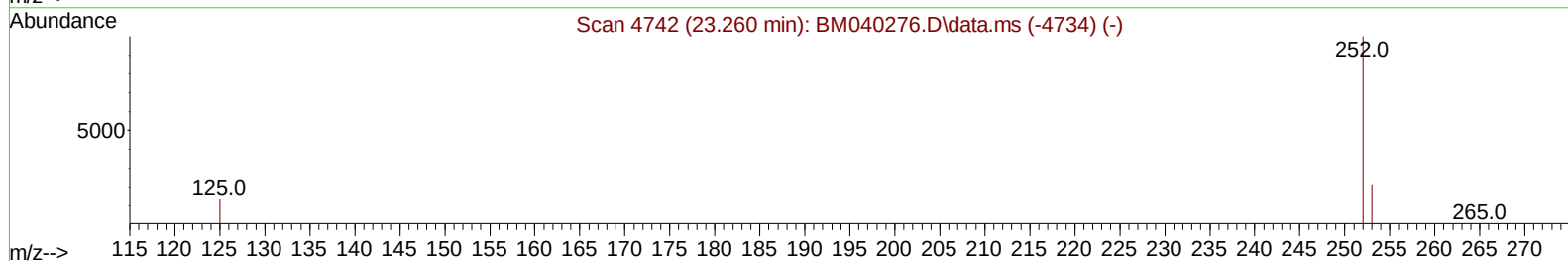
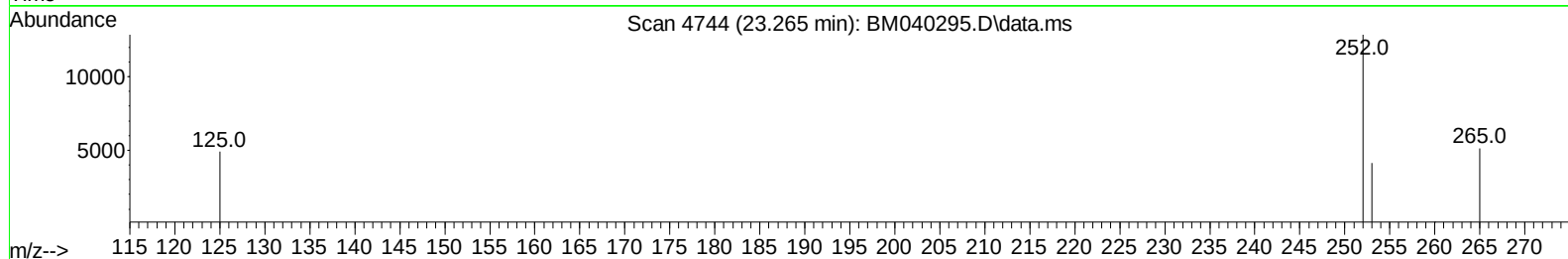
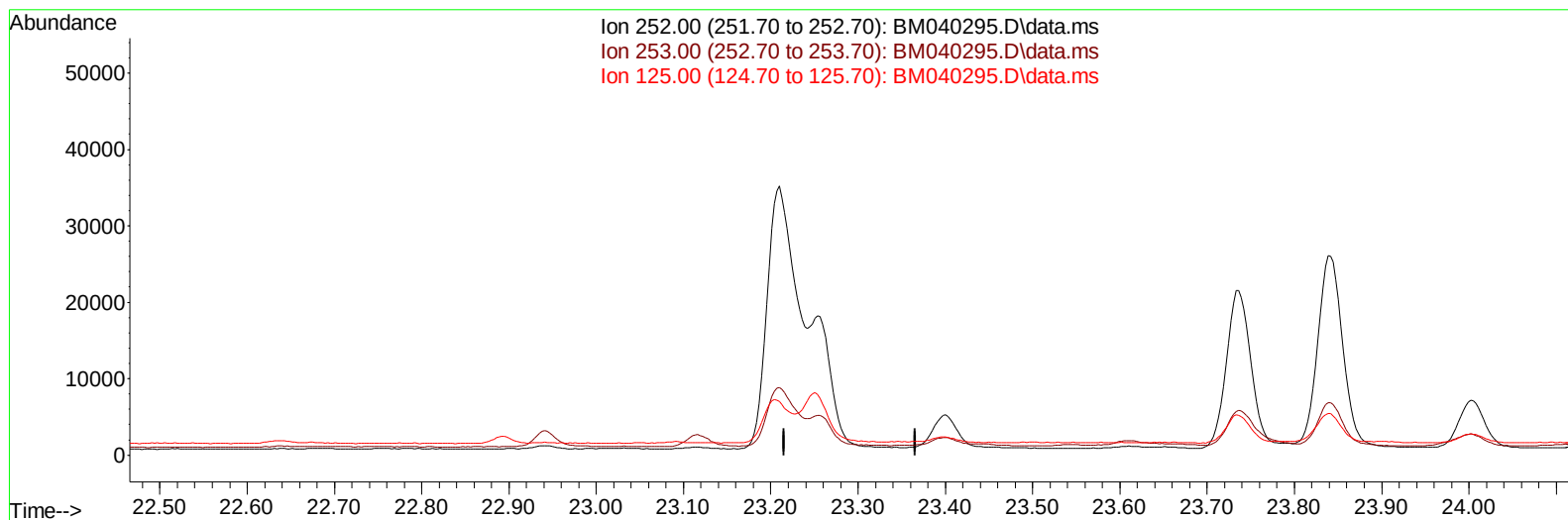
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061623\  
 Data File : BM040295.D  
 Acq On : 16 Jun 2023 23:57  
 Operator : MA/JU  
 Sample : 03080-08DL 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFH7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 17 00:34:46 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: BM040295.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  |

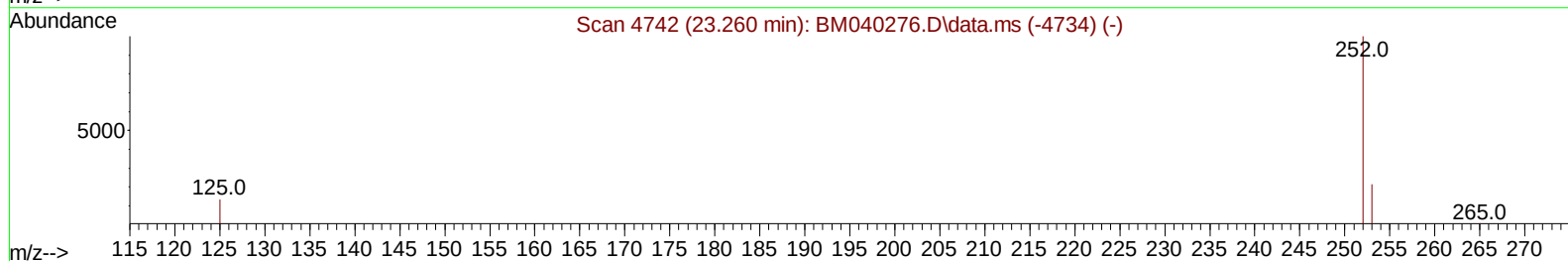
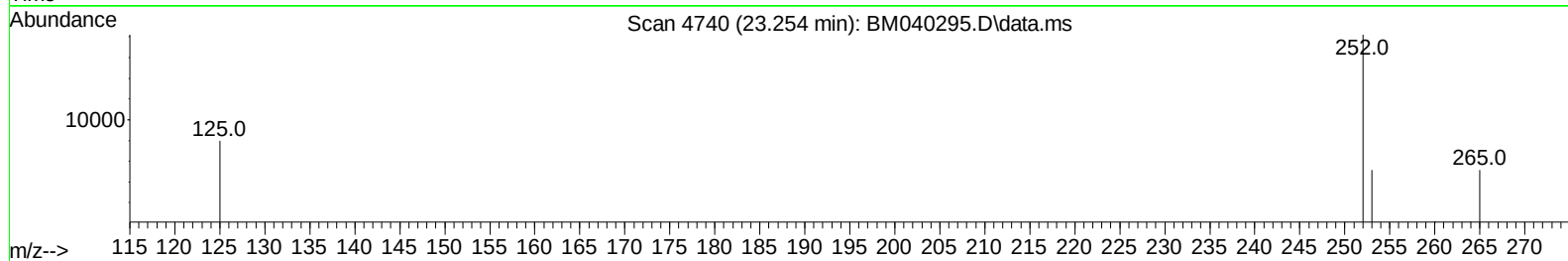
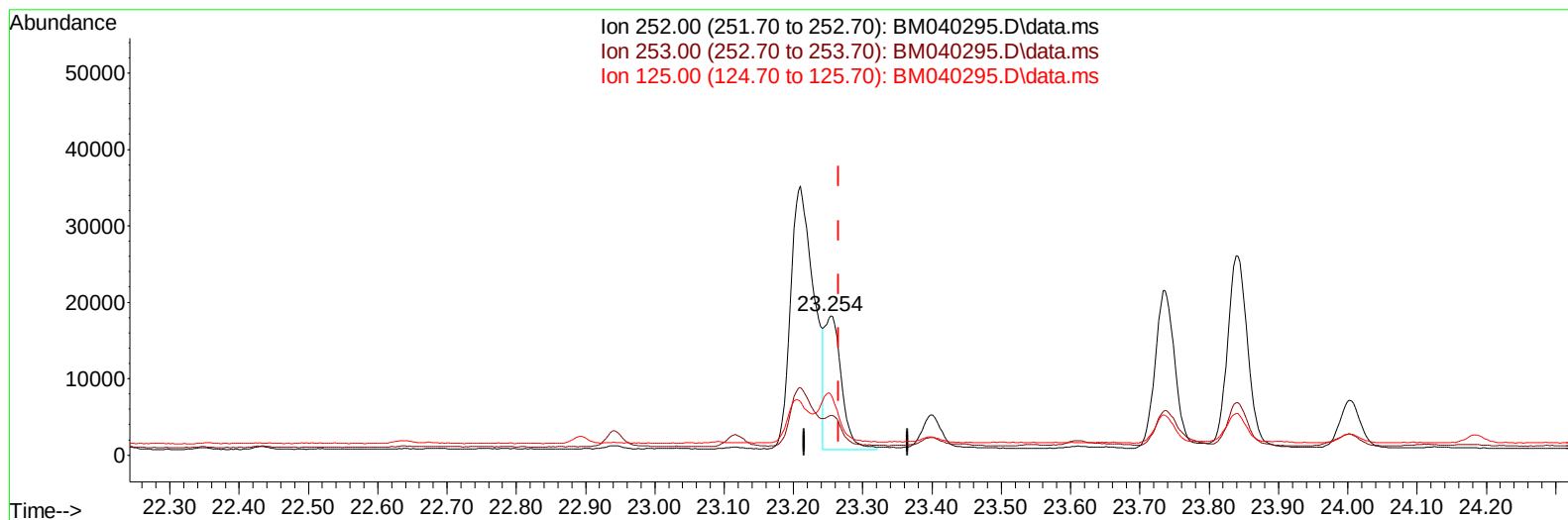
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TIC: BM040295.D\data.ms

(25) Benzo(k)fluoranthene

23.254min (-0.012) 0.46 ng/ul m

response 29314

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.90  | 28.34  |
| 125.00 | 18.40  | 43.72# |
| 0.00   | 0.00   | 0.00   |

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 BNA\_M  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.970  | 152  | 8691     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.778 | 136  | 31920    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.609 | 164  | 16837    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.349 | 188  | 31121    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.526 | 240  | 19602    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.950 | 264  | 18276    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.350  | 96   | 7988     | 0.744 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.367 | 152  | 2065     | 0.051 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.375 | 212  | 3426     | 0.070 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.828 | 128  | 3871     | 0.051 | ng/ul# | 91       |
| 7) 2-Methylnaphthalene      | 12.439 | 142  | 1693     | 0.036 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.659 | 142  | 1263     | 0.026 | ng/ul  | 96       |
| 10) Acenaphthylene          | 14.327 | 152  | 4389     | 0.075 | ng/ul# | 91       |
| 11) Acenaphthene            | 14.670 | 153  | 1802     | 0.036 | ng/ul  | 96       |
| 12) Fluorene                | 15.655 | 166  | 1434     | 0.025 | ng/ul# | 89       |
| 15) Phenanthrene            | 17.391 | 178  | 39841    | 0.487 | ng/ul  | 100      |
| 16) Anthracene              | 17.484 | 178  | 5950     | 0.086 | ng/ul# | 94       |
| 19) Fluoranthene            | 19.403 | 202  | 99368    | 1.488 | ng/ul  | 98       |
| 20) Pyrene                  | 19.765 | 202  | 92988    | 1.340 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.509 | 228  | 39279    | 0.679 | ng/ul  | 97       |
| 22) Chrysene                | 21.561 | 228  | 51472    | 0.842 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.210 | 252  | 80543    | 1.195 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.254 | 252  | 29314m   | 0.462 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.839 | 252  | 50733    | 0.918 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.464 | 276  | 43578    | 0.623 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.477 | 278  | 10263    | 0.183 | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 27.242 | 276  | 43357    | 0.742 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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