

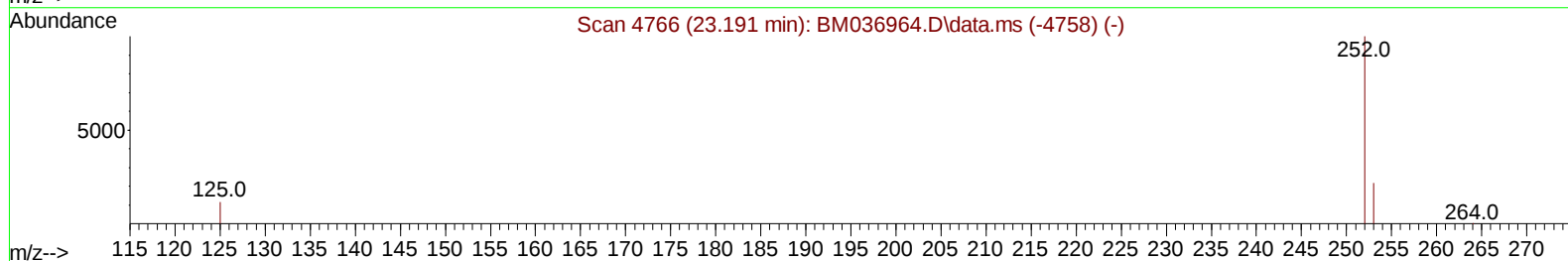
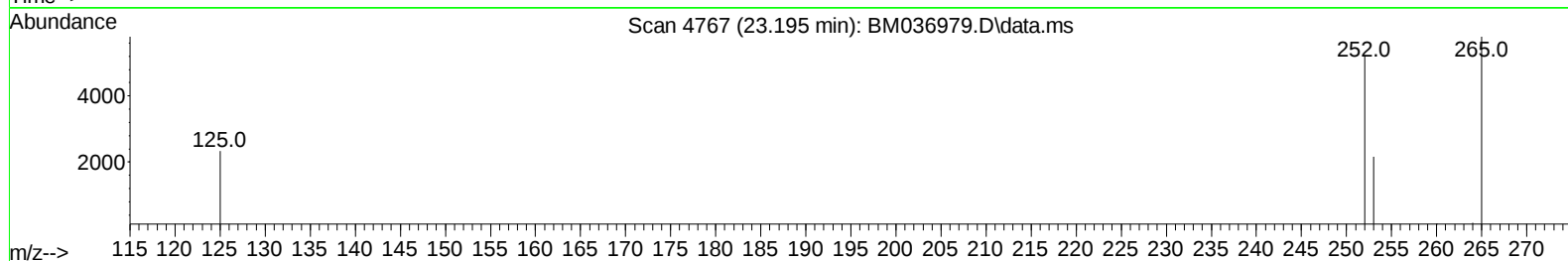
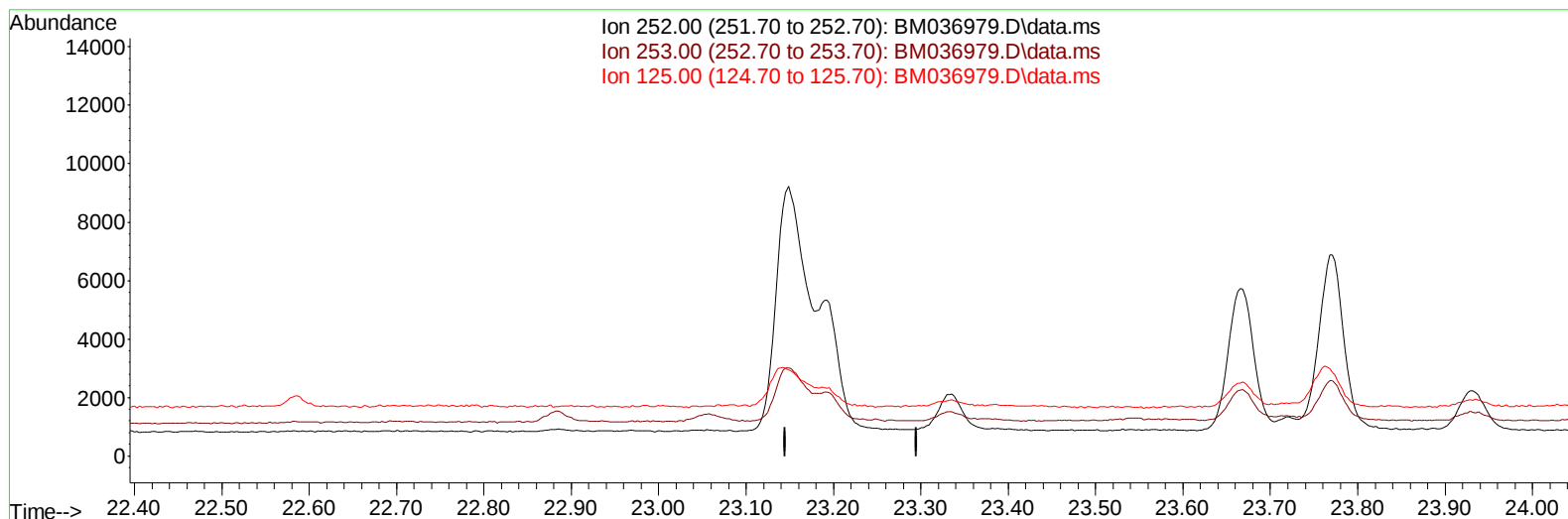
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036979.D  
 Acq On : 12 Oct 2022 12:12  
 Operator : CG/JU  
 Sample : N5024-05DL 5X  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BF4DL

Manual IntegrationsAPPROVED

Quant Time: Oct 12 23:09:38 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 11 09:03:52 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/13/2022  
 Supervised By :mohammad ahmed 10/14/2022



TIC: BM036979.D\data.ms

(25) Benzo(k)fluoranthene

23.195min (-23.195) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 31.50  | 0.00# |
| 125.00 | 22.90  | 0.00# |
| 0.00   | 0.00   | 0.00  |

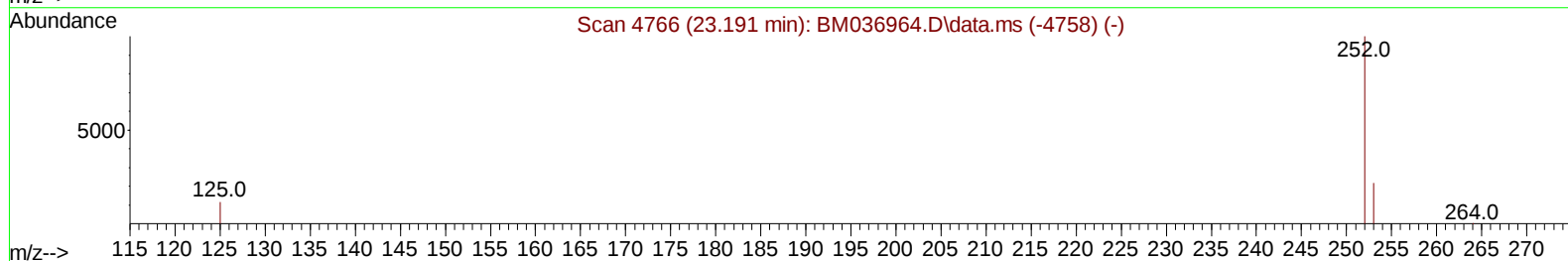
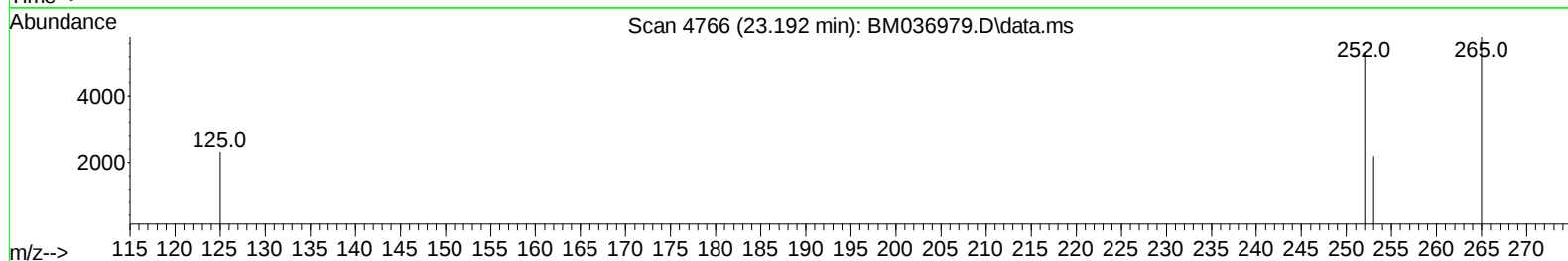
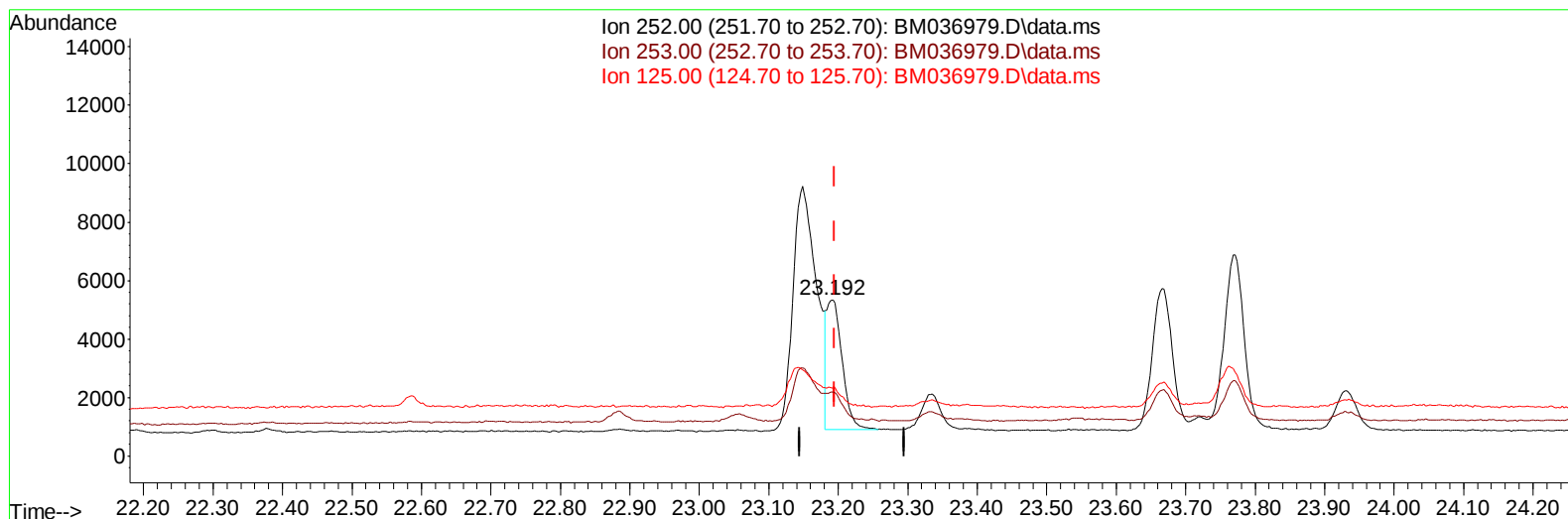
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TIC: BM036979.D\data.ms

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

23.192min (-0.003) 0.10 ng/u1 m

response 6879

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.50  | 41.07# |
| 125.00 | 22.90  | 43.43# |
| 0.00   | 0.00   | 0.00   |

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 Sample : N5024-05DL 5X  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.947  | 152 |     | 8487     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.754 | 136 |     | 30972    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.575 | 164 |     | 17314    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.313 | 188 |     | 34897    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.482 | 240 |     | 21533    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.876 | 264 |     | 16459    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96  |     | 9517     | 0.795 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.338 | 152 |     | 2262     | 0.048 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.331 | 212 |     | 4321     | 0.067 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.804 | 128 |     | 2264     | 0.026 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.409 | 142 |     | 1455     | 0.027 | ng/ul  | 91       |
| 8) 1-Methylnaphthalene      | 12.629 | 142 |     | 1419     | 0.026 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.298 | 152 |     | 4741     | 0.066 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.351 | 178 |     | 35026    | 0.314 | ng/ul  | 99       |
| 16) Anthracene              | 17.444 | 178 |     | 4470     | 0.048 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.364 | 202 |     | 53787    | 0.628 | ng/ul  | 98       |
| 20) Pyrene                  | 19.726 | 202 |     | 44733    | 0.501 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.468 | 228 |     | 13091    | 0.168 | ng/ul  | 96       |
| 22) Chrysene                | 21.517 | 228 |     | 16968    | 0.203 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.148 | 252 |     | 19796    | 0.269 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.192 | 252 |     | 6879m    | 0.096 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.771 | 252 |     | 11765    | 0.197 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.360 | 276 |     | 10012    | 0.118 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.366 | 278 |     | 2185     | 0.032 | ng/ul# | 26       |
| 29) Benzo(g,h,i)perylene    | 27.128 | 276 |     | 9232     | 0.124 | ng/ul  | 93       |
| -----                       |        |     |     |          |       |        |          |

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

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