

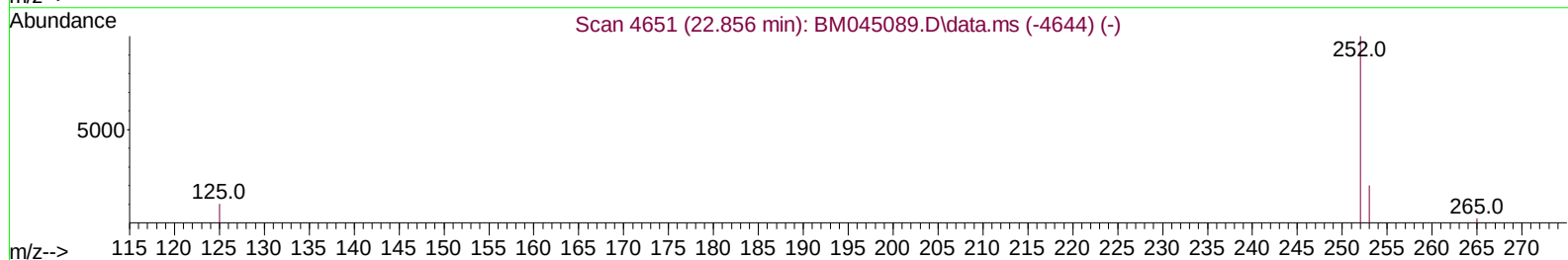
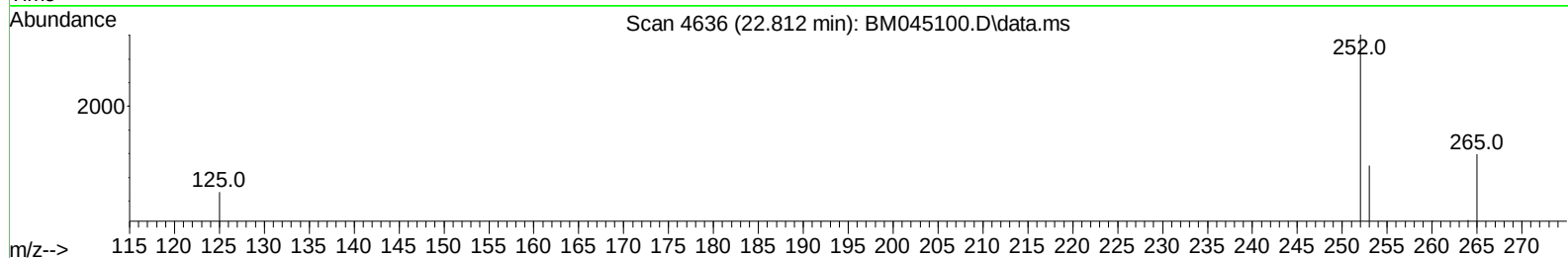
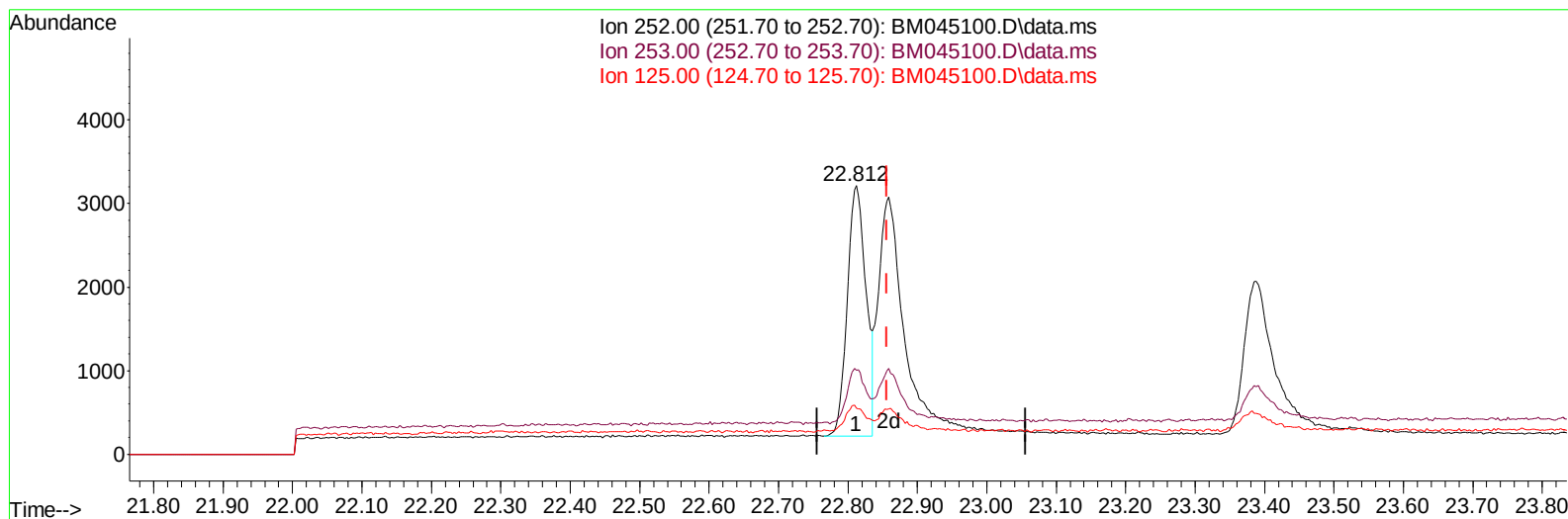
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041024\  
Data File : BM045100.D  
Acq On : 10 Apr 2024 15:34  
Operator : MA/JU  
Sample : PB160095BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SLCS095

Manual IntegrationsAPPROVED

Quant Time: Apr 10 17:06:33 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM040424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 10 11:09:26 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/12/2024  
Supervised By :mohammad ahmed 04/12/2024



TIC: BM045100.D\data.ms

(25) Benzo(k)fluoranthene

22.812min (-0.044) 0.38 ng/u1

response 5663

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.90  | 31.19  |
| 125.00 | 14.50  | 17.18  |
| 0.00   | 0.00   | 0.00   |

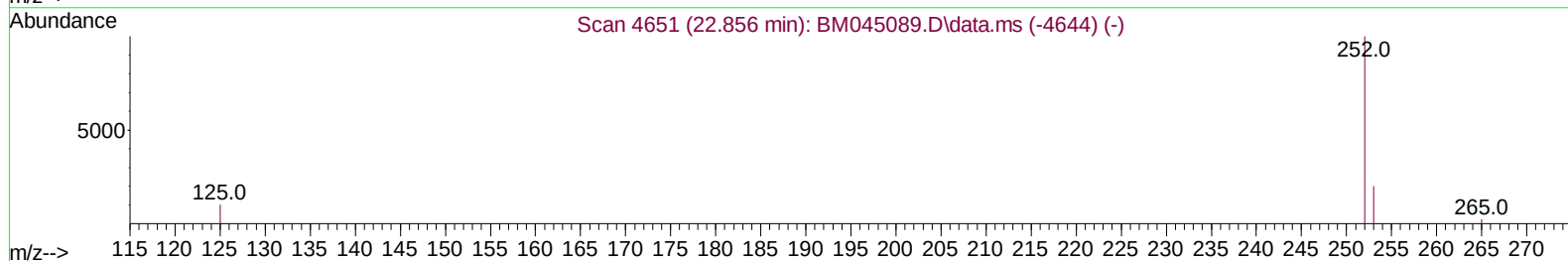
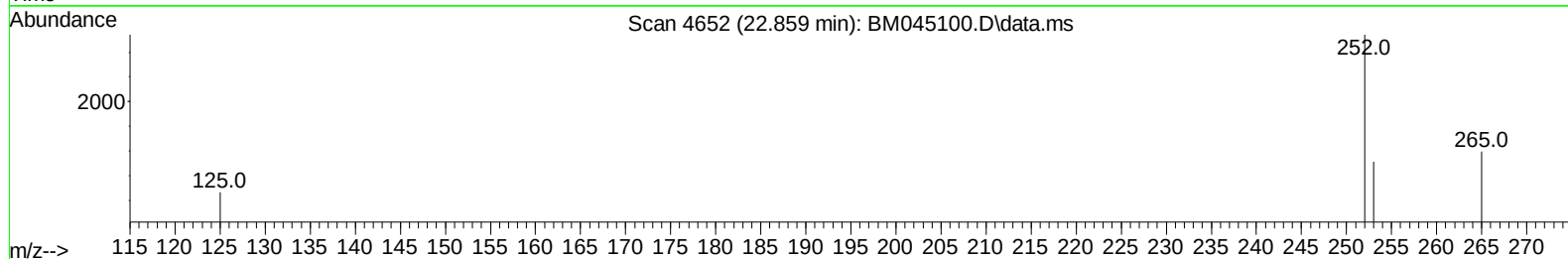
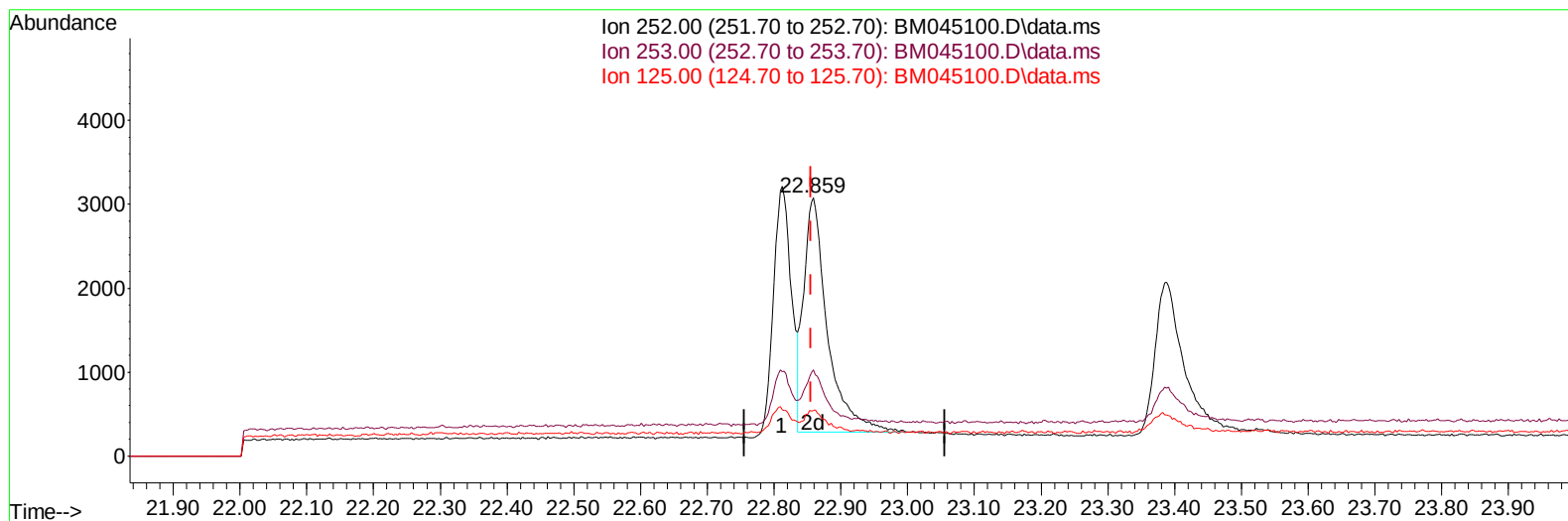
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TIC: BM045100.D\data.ms

(25) Benzo(k)fluoranthene

22.859min (+ 0.003) 0.46 ng/ul m

response 6905

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.90  | 33.35  |
| 125.00 | 14.50  | 17.55# |
| 0.00   | 0.00   | 0.00   |

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## Manual IntegrationsAPPROVED

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 QLast Update : Wed Apr 10 11:09:26 2024  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.652  | 152 |     | 1116     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.430 | 136 |     | 3722     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.284 | 164 |     | 1982     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.056 | 188 |     | 4020     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.257 | 240 |     | 2962     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.479 | 264 |     | 3684     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.209  | 96  |     | 1279     | 0.872 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.035 | 152 |     | 2168     | 0.430 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.089 | 212 |     | 4154     | 0.555 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.239  | 88  |     | 3582     | 2.549 | ng/ul# | 80       |
| 5) Naphthalene              | 10.479 | 128 |     | 4364     | 0.442 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.112 | 142 |     | 2603     | 0.441 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.316 | 142 |     | 2709     | 0.421 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.006 | 152 |     | 4420     | 0.447 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.348 | 153 |     | 3179     | 0.449 | ng/ul  | 99       |
| 12) Fluorene                | 15.357 | 166 |     | 3388     | 0.427 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.718 | 266 |     | 866      | 0.919 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.094 | 178 |     | 5104     | 0.451 | ng/ul  | 98       |
| 16) Anthracene              | 17.203 | 178 |     | 5191     | 0.466 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.117 | 202 |     | 6094     | 0.576 | ng/ul  | 96       |
| 20) Pyrene                  | 19.480 | 202 |     | 6431     | 0.575 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.249 | 228 |     | 4401     | 0.427 | ng/ul  | 97       |
| 22) Chrysene                | 21.295 | 228 |     | 6350     | 0.493 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.812 | 252 |     | 5655     | 0.425 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 22.859 | 252 |     | 6905m    | 0.463 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.388 | 252 |     | 5799     | 0.457 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.729 | 276 |     | 7447     | 0.428 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.753 | 278 |     | 5648     | 0.410 | ng/ul# | 88       |
| 29) Benzo(g,h,i)perylene    | 26.397 | 276 |     | 6942     | 0.462 | ng/ul  | 95       |
| -----                       |        |     |     |          |       |        |          |

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

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