

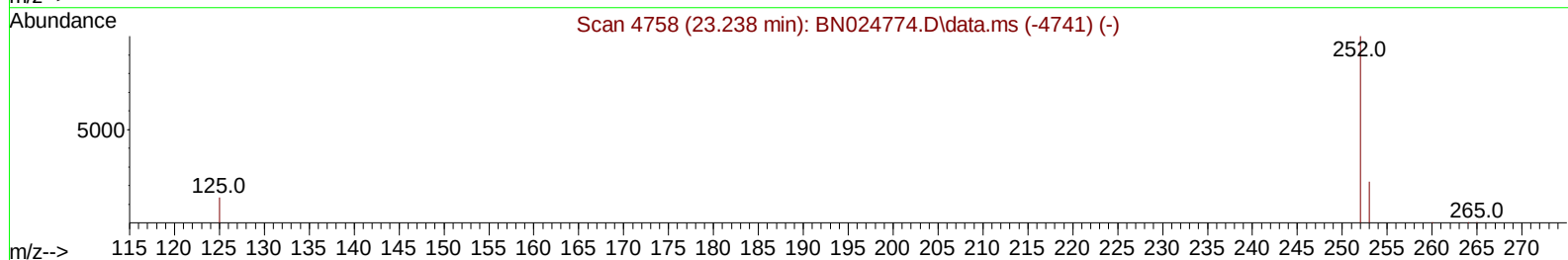
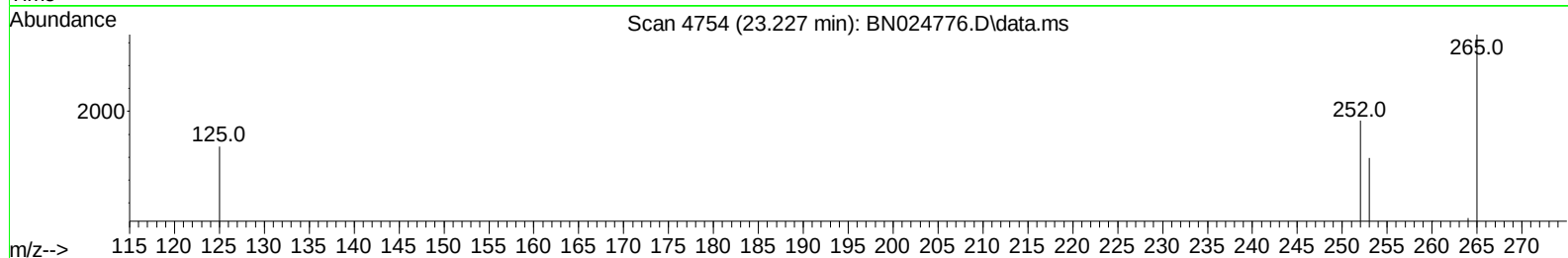
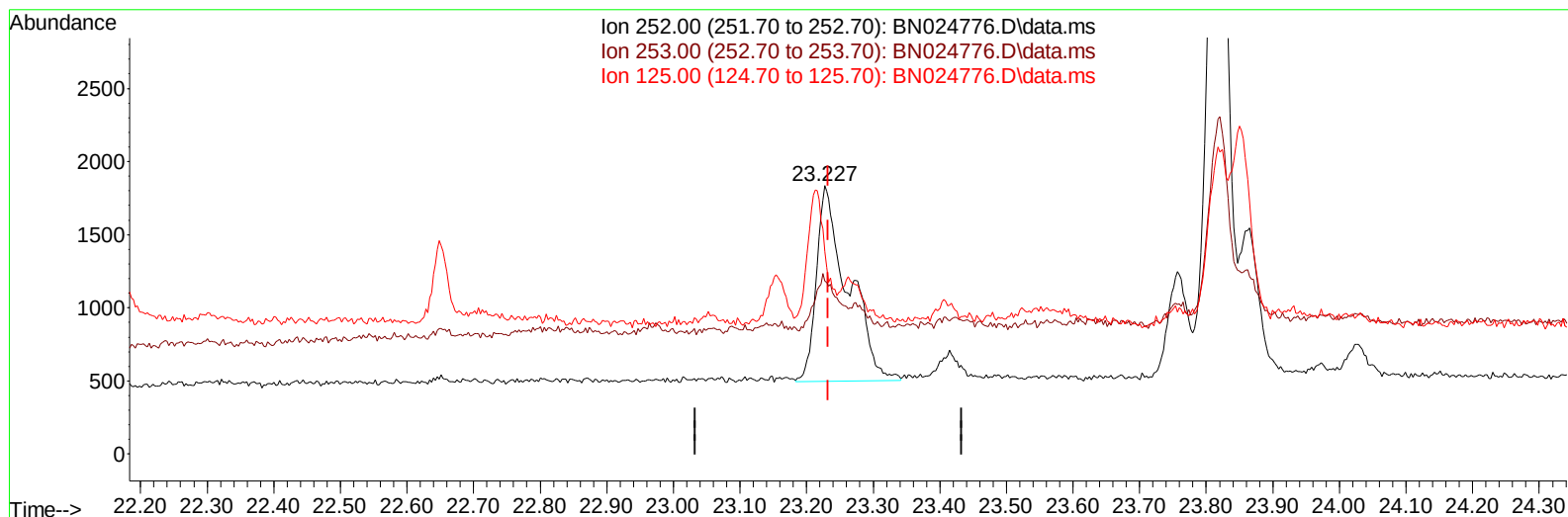
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040623\  
Data File : BN024776.D  
Acq On : 06 Apr 2023 11:53  
Operator : CG/JU  
Sample : 02010-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
CB944

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/07/2023  
Supervised By :mohammad ahmed 04/07/2023

Quant Time: Apr 06 23:04:20 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN033023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 06 22:57:45 2023  
Response via : Initial Calibration



TIC: BN024776.D\data.ms

## (24) Benzo(b)fluoranthene

23.227min (-0.005) 0.04 ng/u1

response 4411

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.80  | 64.47# |
| 125.00 | 16.20  | 75.53# |
| 0.00   | 0.00   | 0.00   |

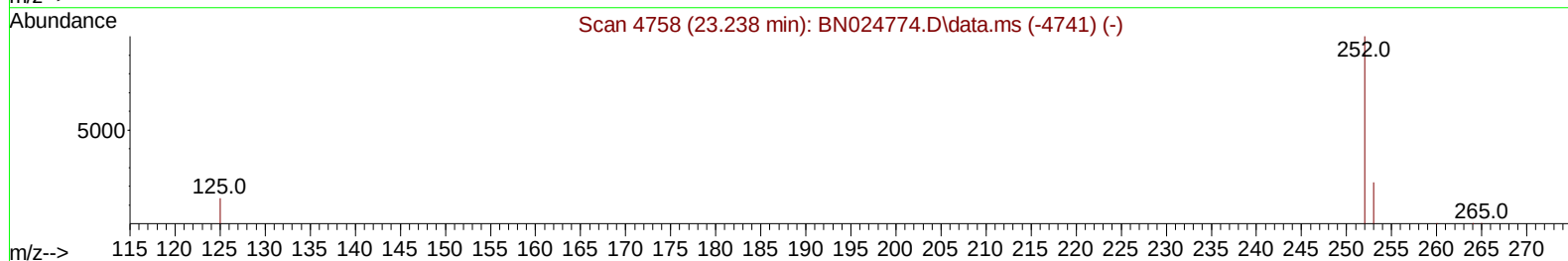
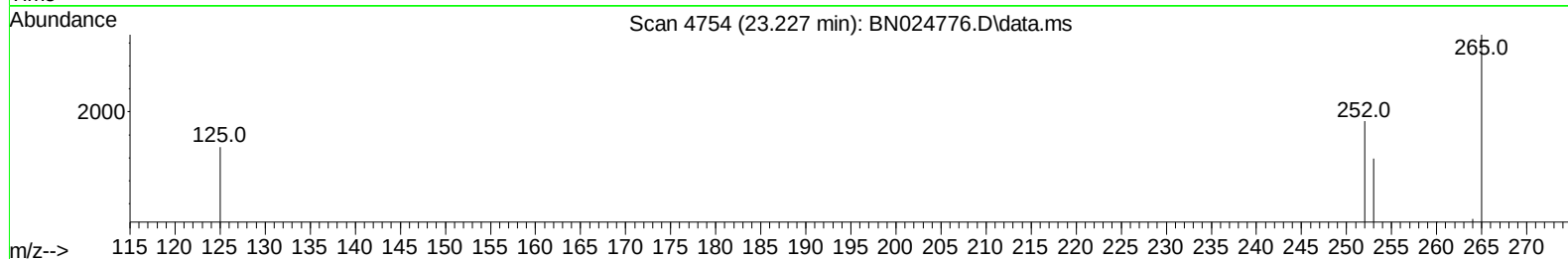
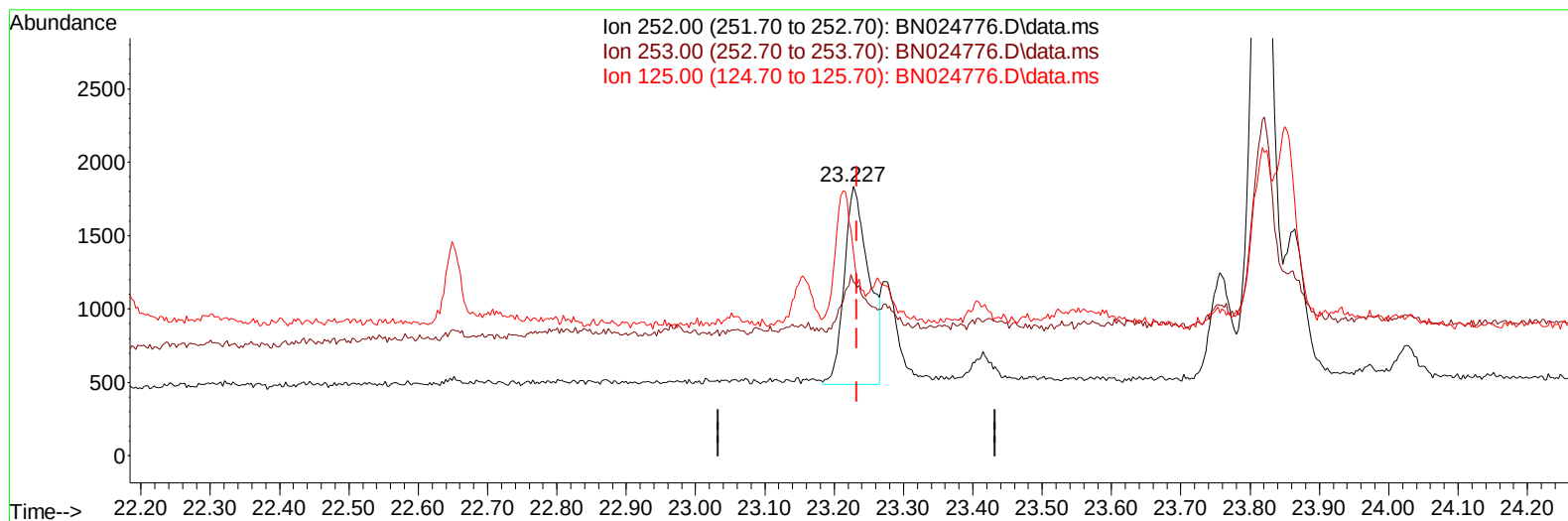
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TIC: BN024776.D\data.ms

(24) Benzo(b)fluoranthene

23.227min (-0.005) 0.03 ng/ul m

response 3322

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.80  | 64.47# |
| 125.00 | 16.20  | 75.53# |
| 0.00   | 0.00   | 0.00   |

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 Acq On : 06 Apr 2023 11:53  
 Operator : CG/JU  
 Sample : 02010-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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 QLast Update : Thu Apr 06 22:57:45 2023  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.955  | 152 |     | 8145     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.765 | 136 |     | 25455    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.594 | 164 |     | 15161    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.339 | 188 |     | 32703    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.529 | 240 |     | 26780    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.973 | 264 |     | 30250    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.314  | 96  |     | 46207    | 5.527 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.354 | 152 |     | 10965    | 0.349 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.368 | 212 |     | 28502    | 0.435 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.381 | 178 |     | 1936     | 0.022 | ng/ul# | 84       |
| 19) Fluoranthene            | 19.396 | 202 |     | 4265     | 0.045 | ng/ul# | 90       |
| 21) Benzo(a)anthracene      | 21.512 | 228 |     | 1696     | 0.021 | ng/ul# | 88       |
| 22) Chrysene                | 21.570 | 228 |     | 2509     | 0.028 | ng/ul# | 90       |
| 24) Benzo(b)fluoranthene    | 23.227 | 252 |     | 3322m    | 0.026 | ng/ul  |          |
| -----                       |        |     |     |          |       |        |          |

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

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