

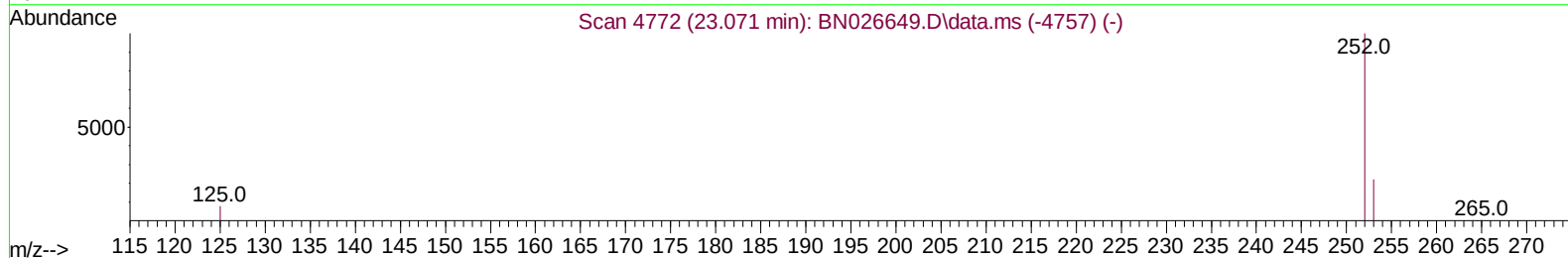
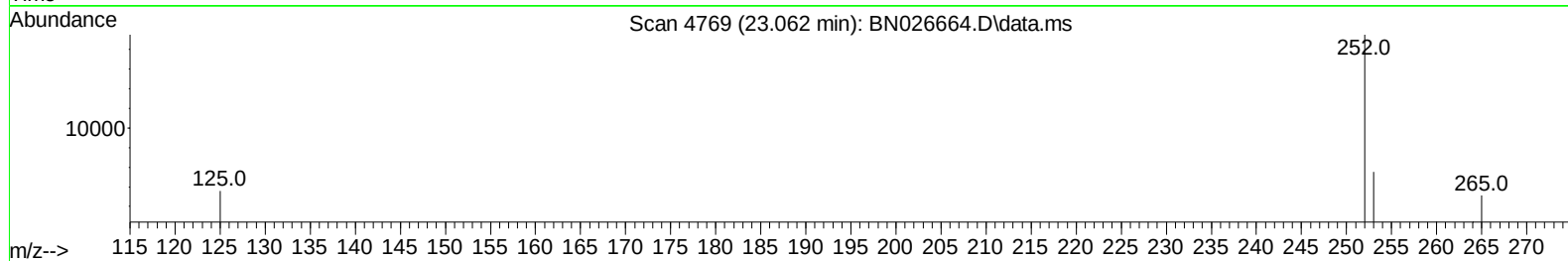
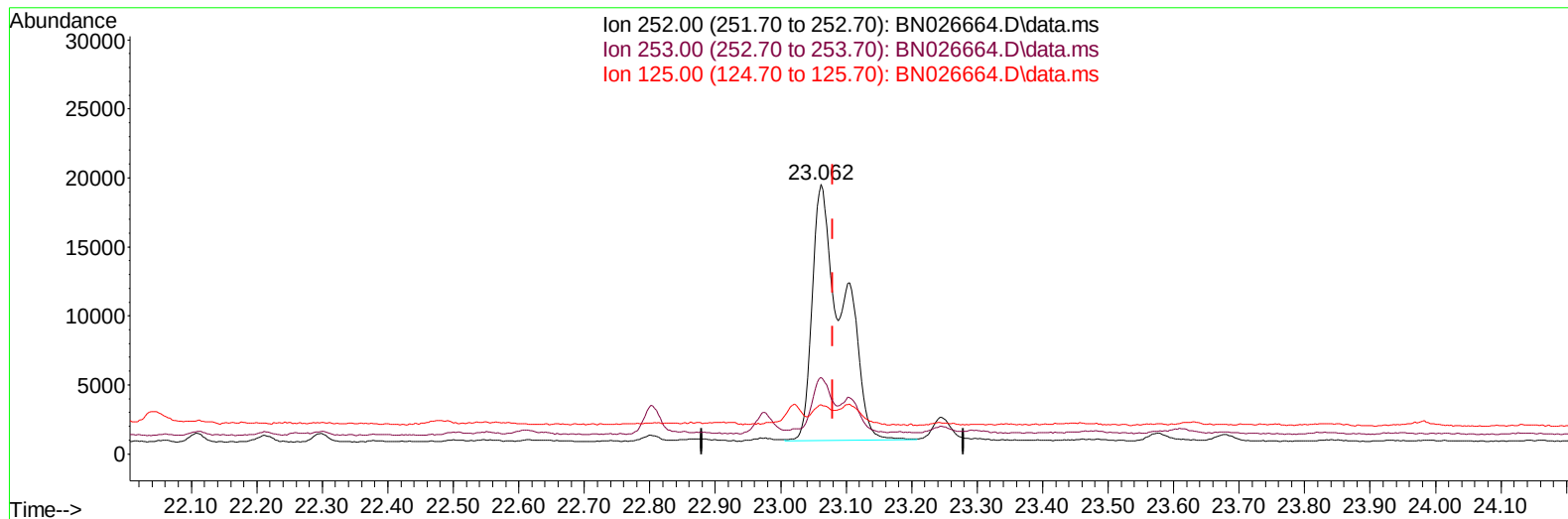
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072223\  
Data File : BN026664.D  
Acq On : 22 Jul 2023 21:00  
Operator : MA/JU  
Sample : 03504-19  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A46T5

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:30:10 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN071223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 21 19:02:16 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023



TIC: BN026664.D\data.ms

(24) Benzo(b)fluoranthene

23.062min (-0.018) 2.01 ng/u1

response 60423

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.30  | 28.48  |
| 125.00 | 17.00  | 18.37  |
| 0.00   | 0.00   | 0.00   |

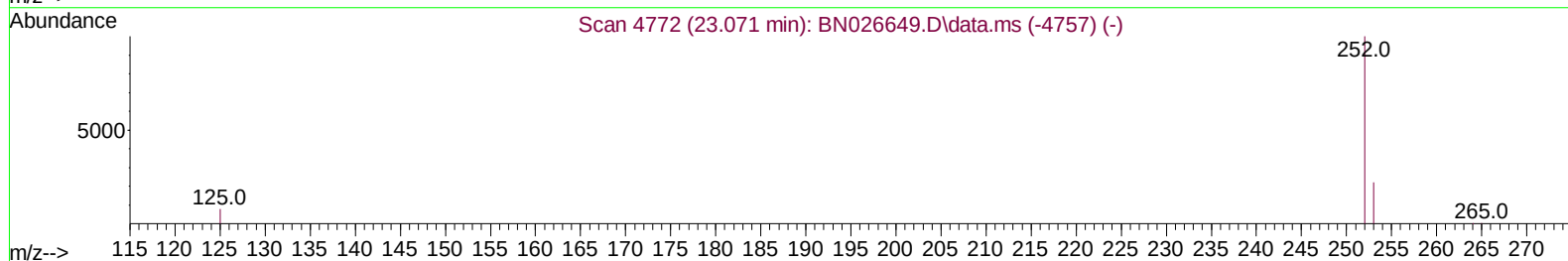
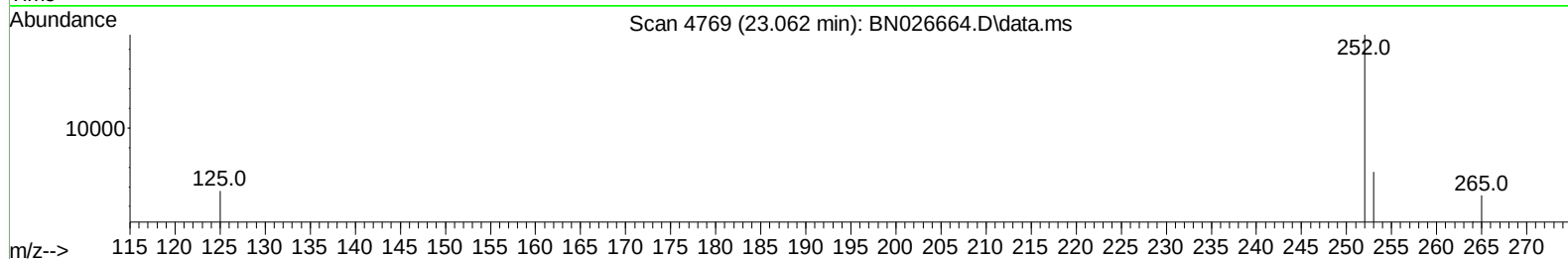
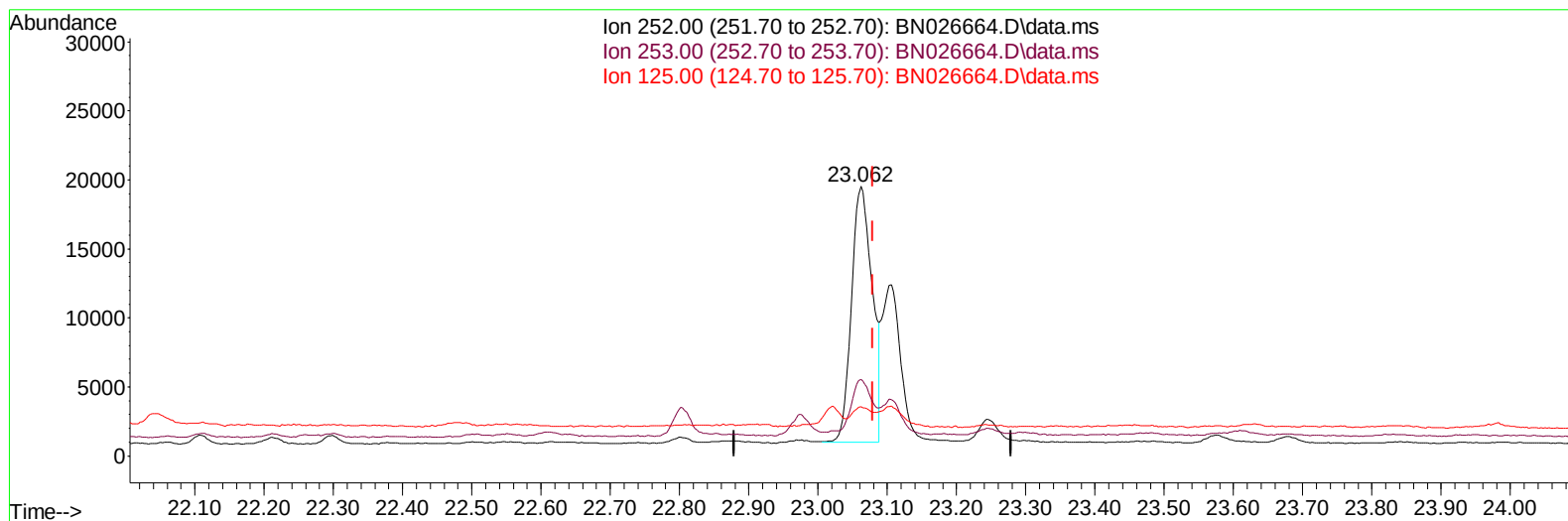
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072223\  
Data File : BN026664.D  
Acq On : 22 Jul 2023 21:00  
Operator : MA/JU  
Sample : 03504-19  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
A46T5

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TIC: BN026664.D\data.ms

## (24) Benzo(b)fluoranthene

23.062min (-0.018) 1.29 ng/ul m

response 38841

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.30  | 28.48  |
| 125.00 | 17.00  | 18.37  |
| 0.00   | 0.00   | 0.00   |

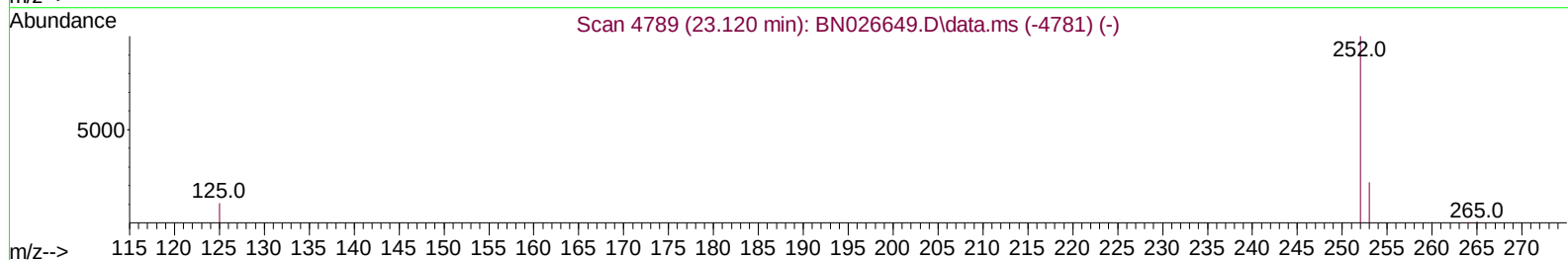
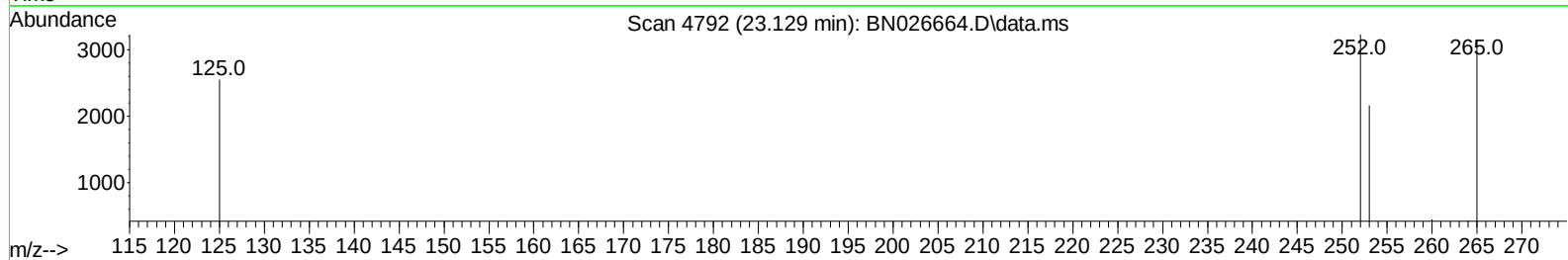
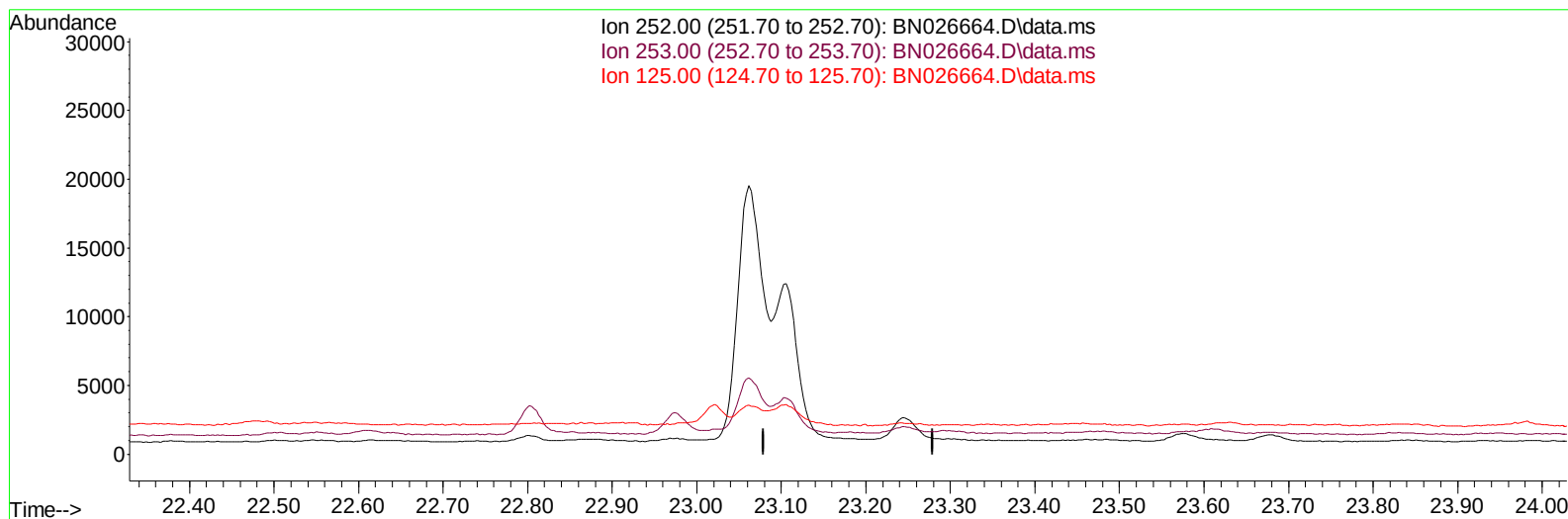
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072223\  
 Data File : BN026664.D  
 Acq On : 22 Jul 2023 21:00  
 Operator : MA/JU  
 Sample : 03504-19  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A46T5

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:30:10 2023  
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TIC: BN026664.D\data.ms

(25) Benzo(k)fluoranthene

23.129min (-23.129) 0.00 ng/ul

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 34.00  | 0.00# |
| 125.00 | 16.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

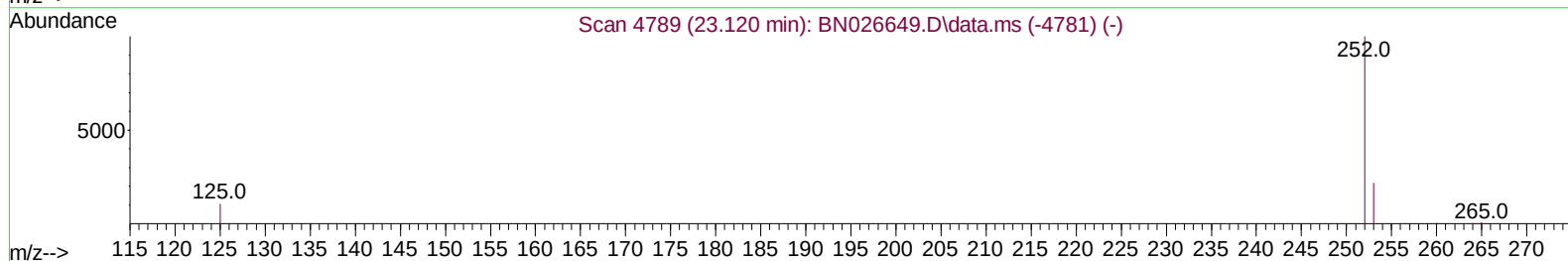
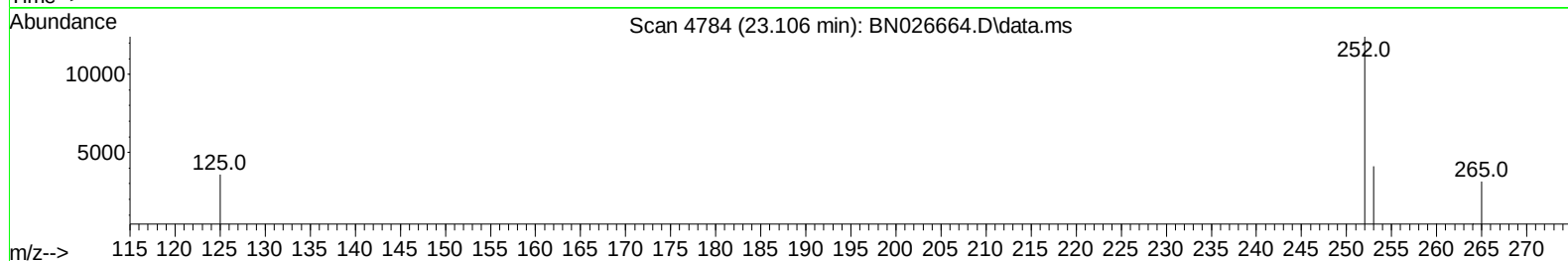
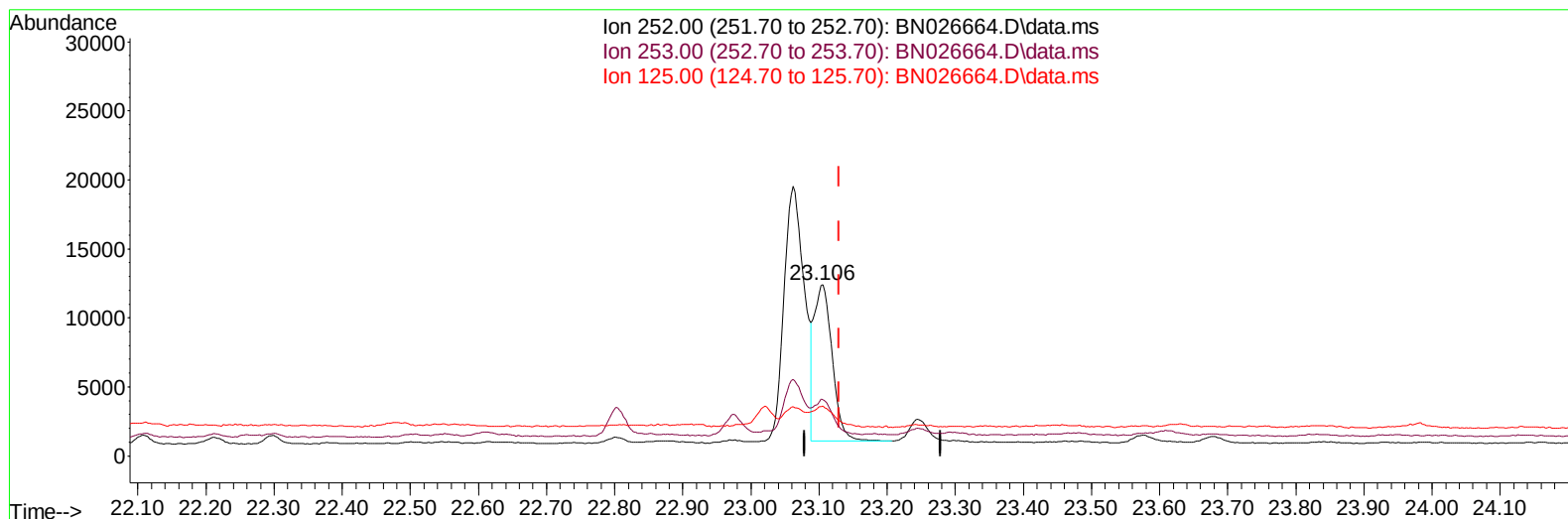
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN026664.D\data.ms

(25) Benzo(k)fluoranthene

23.106min (-0.024) 0.66 ng/ul m

response 20882

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 33.03  |
| 125.00 | 16.80  | 29.06# |
| 0.00   | 0.00   | 0.00   |

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 Acq On : 22 Jul 2023 21:00  
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 Sample : 03504-19  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A46T5

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.823  | 152 |     | 3900     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.630 | 136 |     | 12235    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.467 | 164 |     | 6927     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.219 | 188 |     | 13653    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.413 | 240 |     | 6872     | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.781 | 264 |     | 7707     | 0.400 | ng/ul  | #-0.02   |
|                             |        |     |     |          |       |        |          |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.199  | 96  |     | 13117    | 2.554 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.220 | 152 |     | 6925     | 0.416 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.250 | 212 |     | 9676     | 0.406 | ng/ul  | 0.00     |
|                             |        |     |     |          |       |        |          |
| Target Compounds            |        |     |     | Qvalue   |       |        |          |
| 2) 1,4-Dioxane              | 3.224  | 88  |     | 1238     | 0.255 | ng/ul# | 1        |
| 5) Naphthalene              | 10.680 | 128 |     | 9698     | 0.289 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.297 | 142 |     | 5830     | 0.306 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.511 | 142 |     | 3830     | 0.188 | ng/ul  | 95       |
| 10) Acenaphthylene          | 14.189 | 152 |     | 5664     | 0.167 | ng/ul# | 95       |
| 11) Acenaphthene            | 14.532 | 153 |     | 7911     | 0.306 | ng/ul  | 100      |
| 12) Fluorene                | 15.517 | 166 |     | 11742    | 0.433 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.257 | 178 |     | 135783   | 3.123 | ng/ul  | 97       |
| 16) Anthracene              | 17.350 | 178 |     | 9433     | 0.250 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.278 | 202 |     | 168185   | 5.221 | ng/ul  | 99       |
| 20) Pyrene                  | 19.641 | 202 |     | 23780    | 0.680 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.396 | 228 |     | 40178    | 1.591 | ng/ul  | 97       |
| 22) Chrysene                | 21.448 | 228 |     | 37187    | 1.294 | ng/ul# | 95       |
| 24) Benzo(b)fluoranthene    | 23.062 | 252 |     | 38841m   | 1.294 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.106 | 252 |     | 20882m   | 0.664 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.679 | 252 |     | 1198     | 0.045 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.241 | 276 |     | 4344     | 0.124 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.251 | 278 |     | 6213     | 0.231 | ng/ul# | 53       |
| -----                       |        |     |     |          |       |        |          |

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

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