

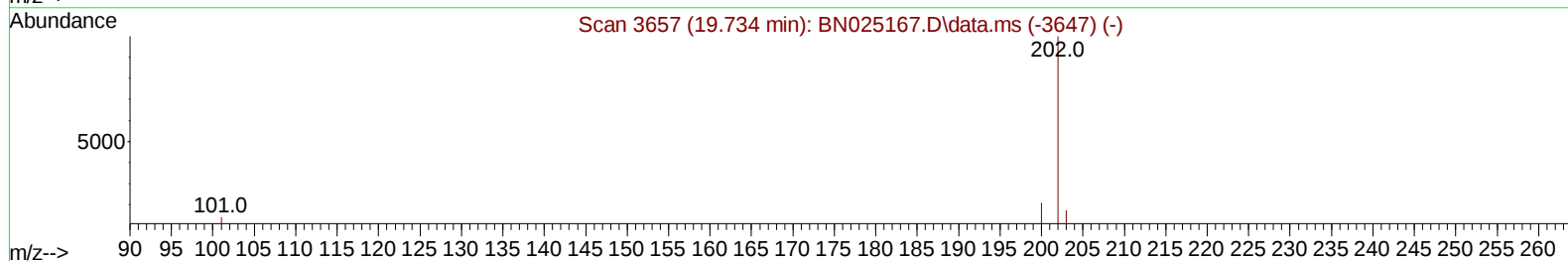
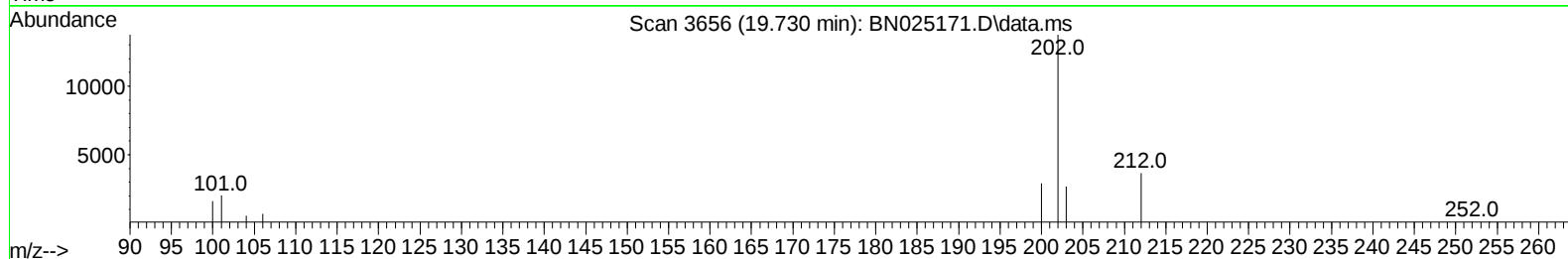
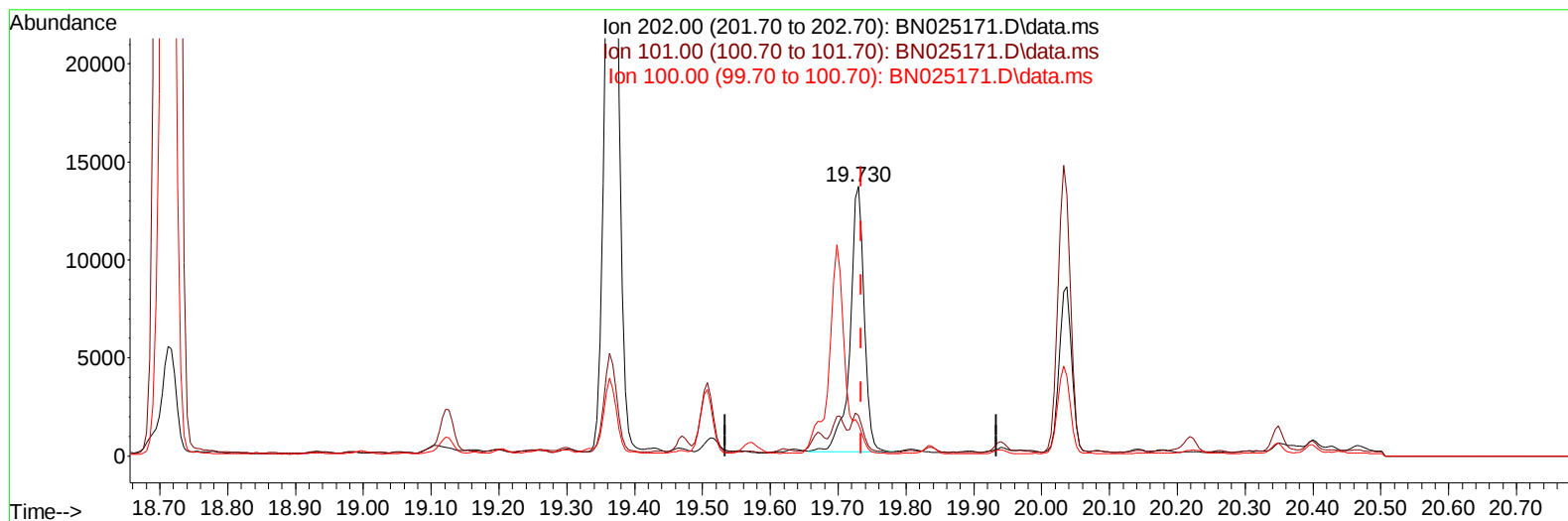
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042723\  
Data File : BN025171.D  
Acq On : 27 Apr 2023 11:12  
Operator : CG/JU  
Sample : 02418-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW8Z0

Manual IntegrationsAPPROVED

Quant Time: Apr 28 01:19:53 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 27 15:27:43 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/28/2023  
Supervised By :Jagrut Upadhyay 05/01/2023



TIC: BN025171.D\data.ms

(20) Pyrene

19.730min (-0.004) 0.18 ng/u1

response 20076

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.10  | 14.94  |
| 100.00 | 11.50  | 11.76  |
| 0.00   | 0.00   | 0.00   |

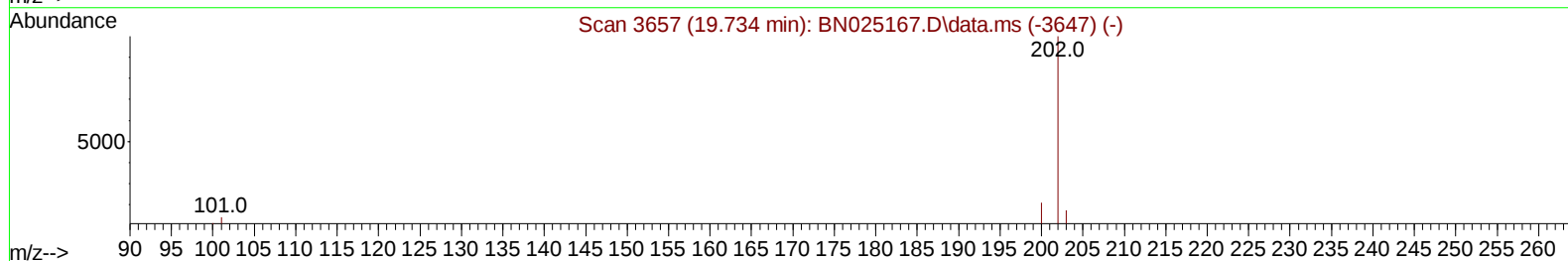
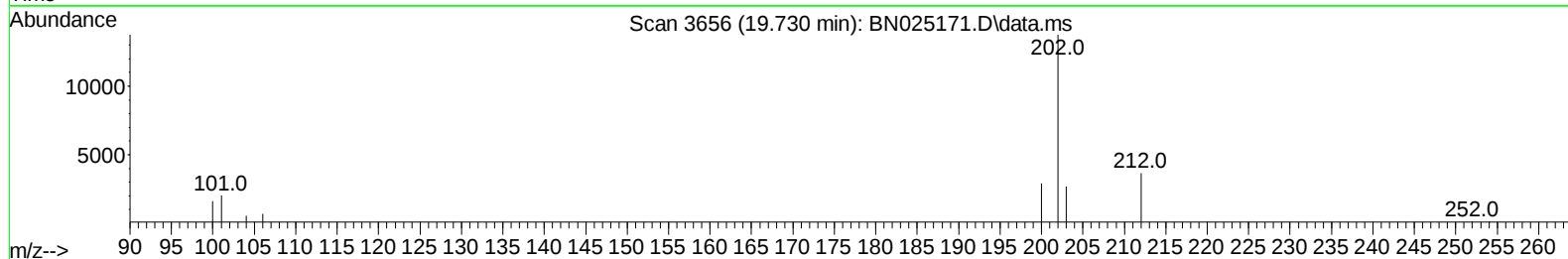
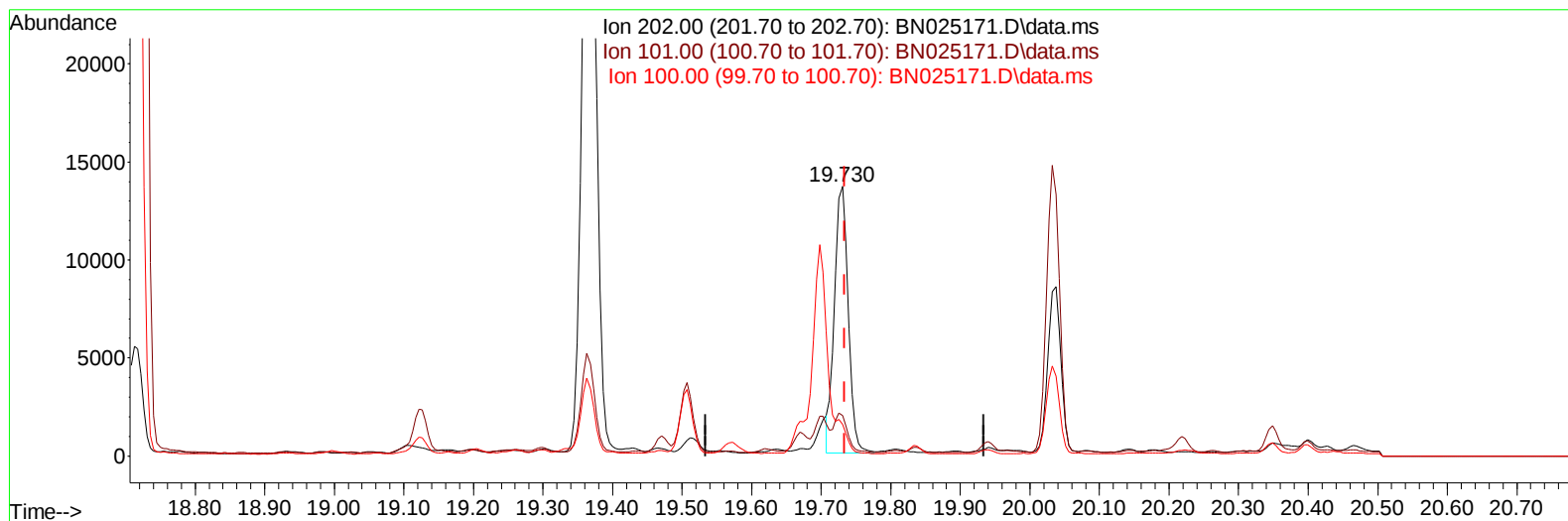
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042723\  
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TIC: BN025171.D\data.ms

## (20) Pyrene

19.730min (-0.004) 0.17 ng/ul m

response 18453

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.10  | 14.94  |
| 100.00 | 11.50  | 11.76  |
| 0.00   | 0.00   | 0.00   |

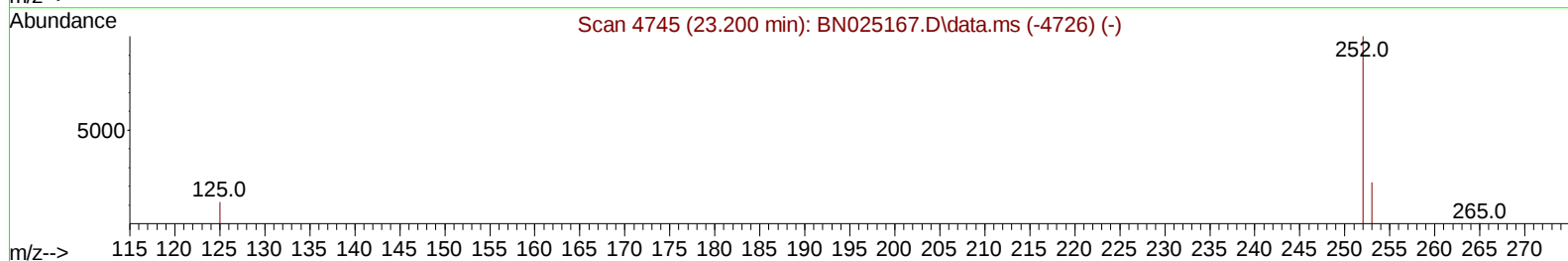
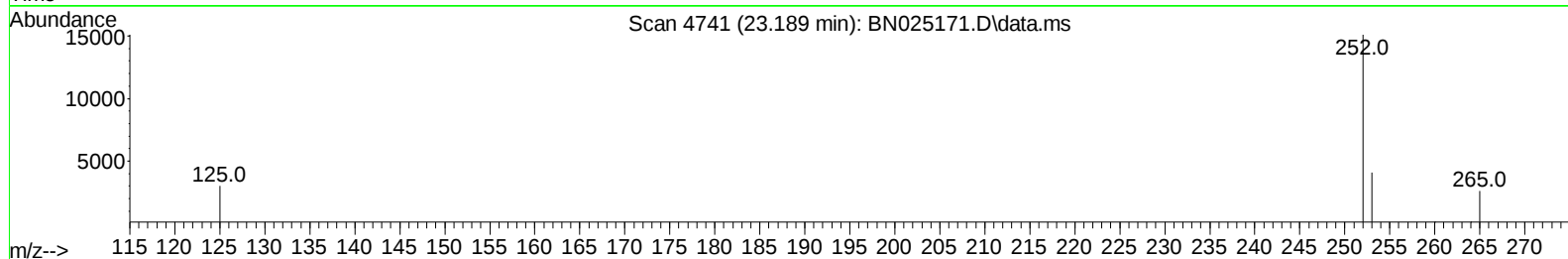
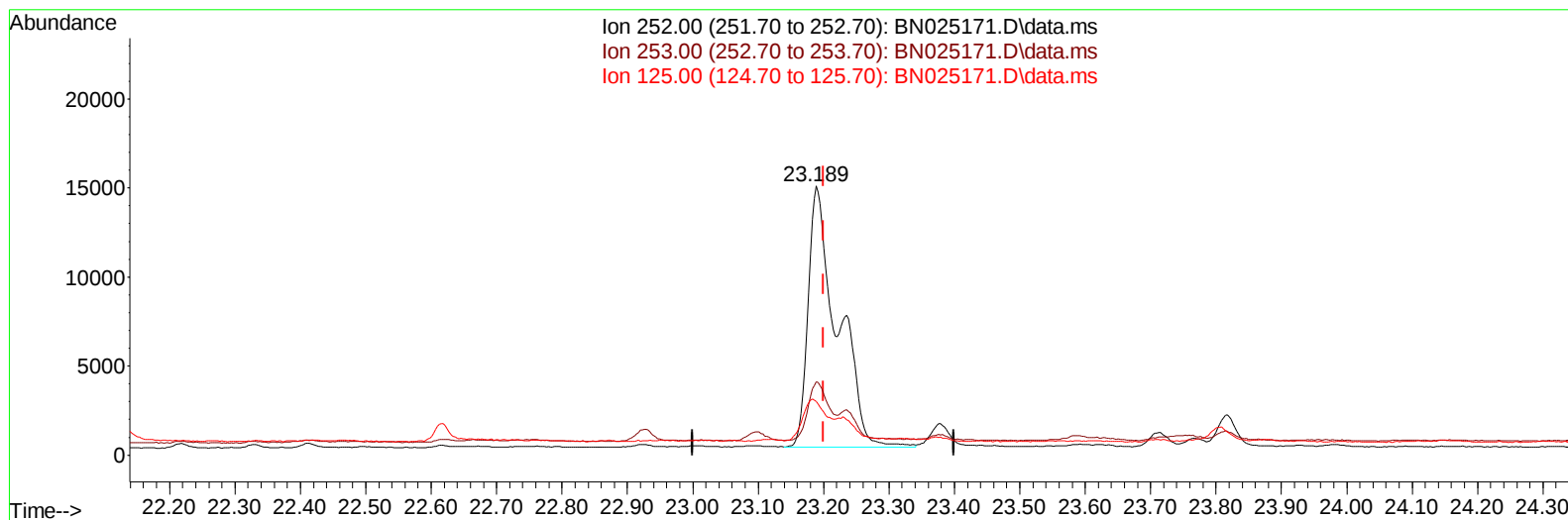
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042723\  
Data File : BN025171.D  
Acq On : 27 Apr 2023 11:12  
Operator : CG/JU  
Sample : 02418-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW8Z0

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TIC: BN025171.D\data.ms

**(24) Benzo(b)fluoranthene**

23.189min (-0.011) 0.43 ng/u1

response 45784

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 27.17  |
| 125.00 | 15.20  | 19.85  |
| 0.00   | 0.00   | 0.00   |

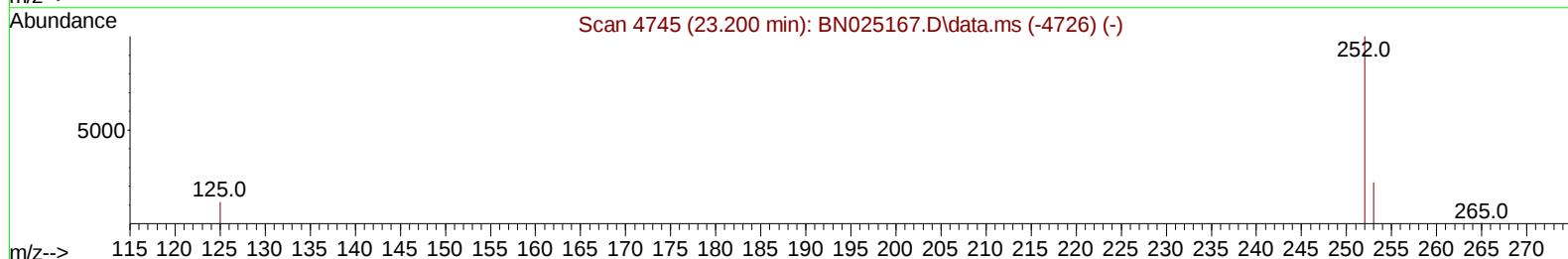
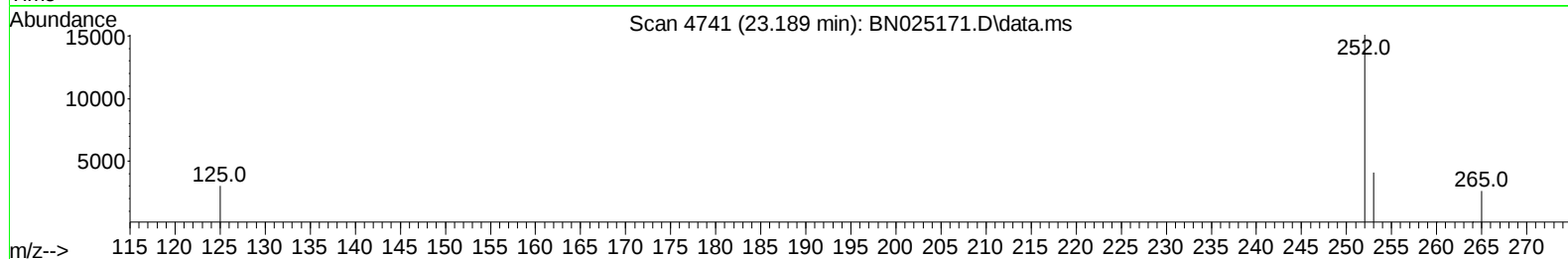
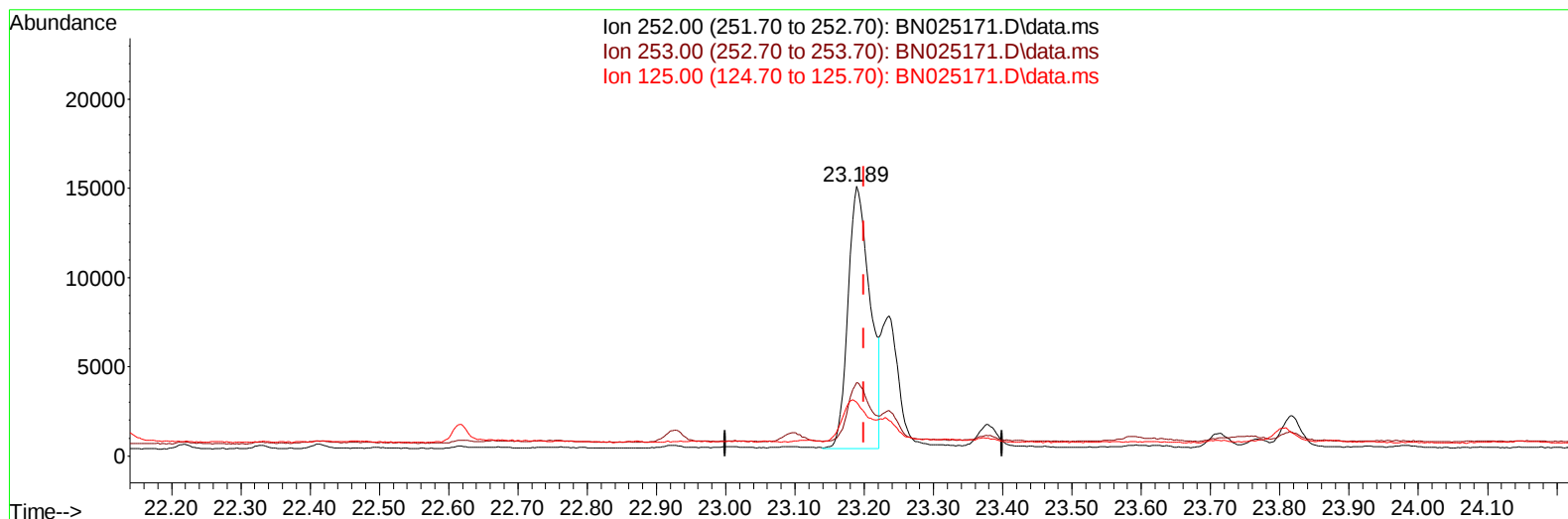
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042723\  
Data File : BN025171.D  
Acq On : 27 Apr 2023 11:12  
Operator : CG/JU  
Sample : 02418-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW8Z0

## Manual IntegrationsAPPROVED

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TIC: BN025171.D\data.ms

## (24) Benzo(b)fluoranthene

23.189min (-0.011) 0.30 ng/u1 m

response 32521

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 27.17  |
| 125.00 | 15.20  | 19.85  |
| 0.00   | 0.00   | 0.00   |

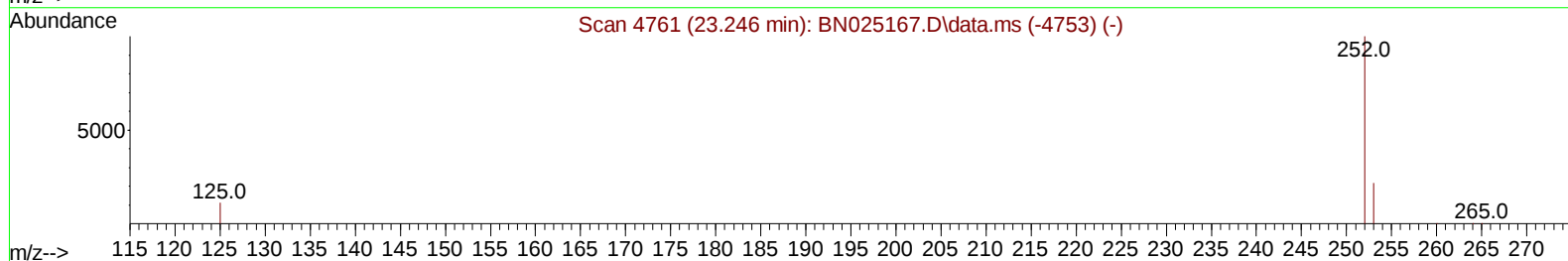
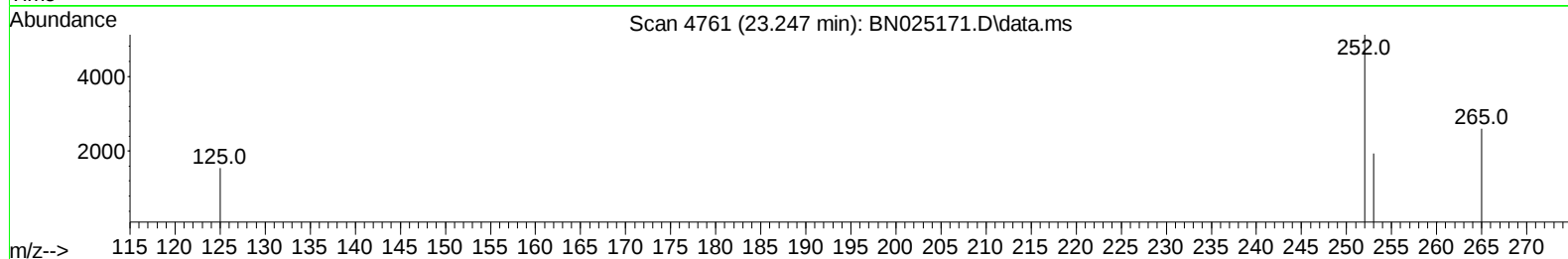
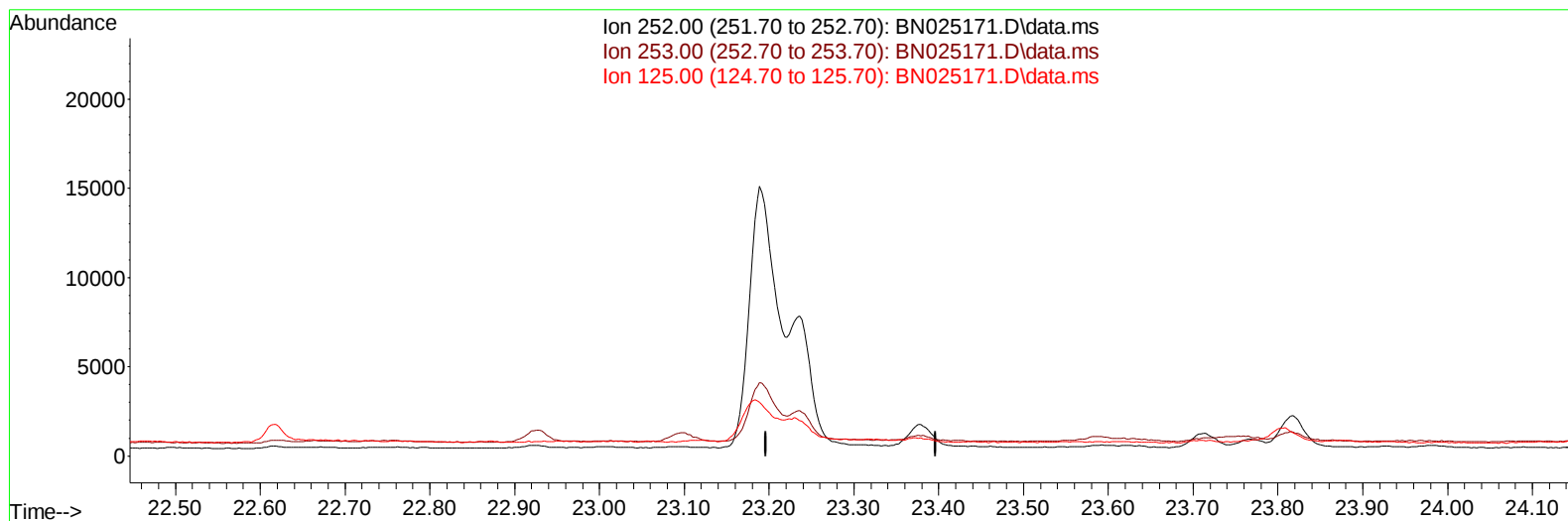
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042723\  
Data File : BN025171.D  
Acq On : 27 Apr 2023 11:12  
Operator : CG/JU  
Sample : 02418-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW8Z0

Manual IntegrationsAPPROVED

Quant Time: Apr 28 01:19:53 2023  
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TIC: BN025171.D\data.ms

(25) Benzo(k)fluoranthene

23.246min (-23.246) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 25.30  | 0.00# |
| 125.00 | 14.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

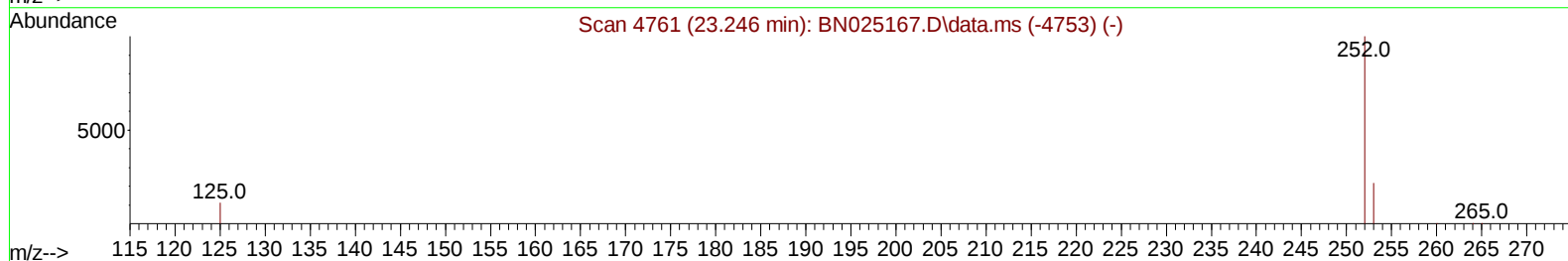
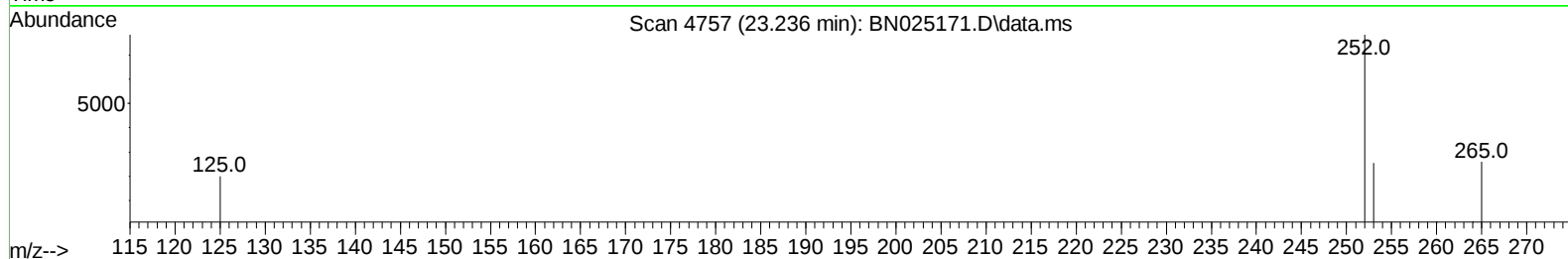
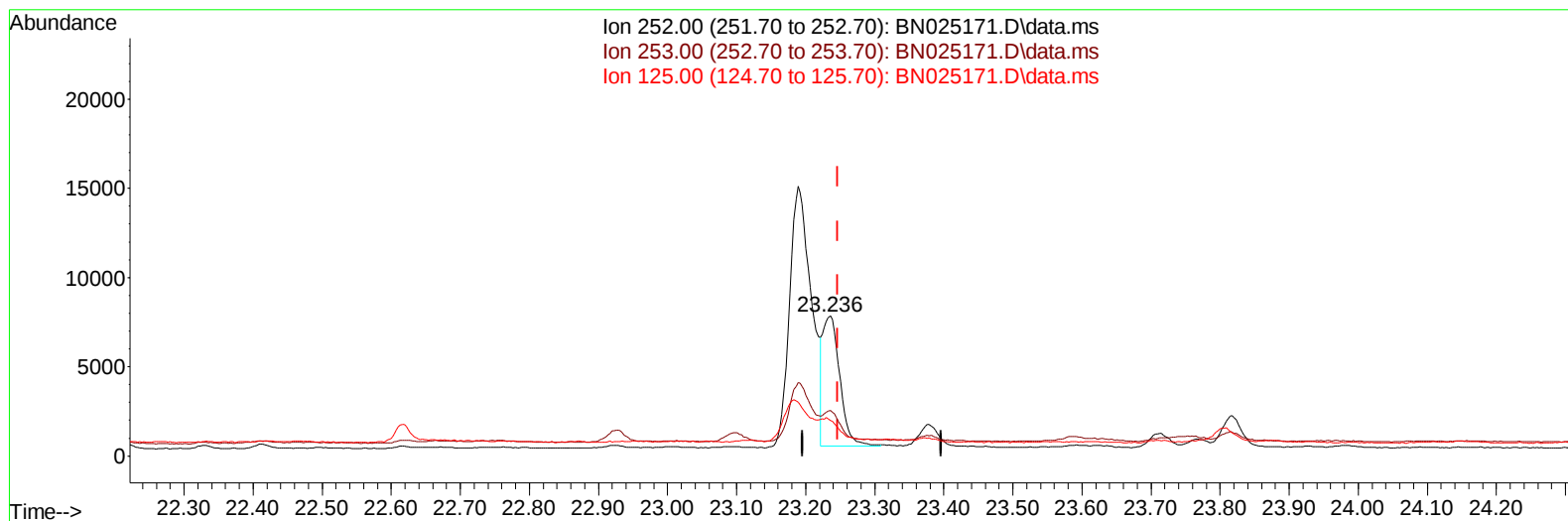
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 Data File : BN025171.D  
 Acq On : 27 Apr 2023 11:12  
 Operator : CG/JU  
 Sample : 02418-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW8Z0

Manual IntegrationsAPPROVED

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TIC: BN025171.D\data.ms

(25) Benzo(k)fluoranthene

23.236min (-0.011) 0.12 ng/ul m

response 12606

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.30  | 32.41# |
| 125.00 | 14.80  | 25.44# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042723\  
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 Operator : CG/JU  
 Sample : 02418-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW8Z0

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.917  | 152  | 7856     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.721 | 136  | 26094    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.561 | 164  | 16038    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.309 | 188  | 35747    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.502 | 240  | 29871    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.929 | 264  | 26510    | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.297  | 96   | 23684    | 2.912 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.315 | 152  | 6808     | 0.203 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.335 | 212  | 16669    | 0.212 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.776 | 128  | 11565    | 0.173 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.387 | 142  | 9021     | 0.220 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.607 | 142  | 7259     | 0.166 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.279 | 152  | 2209     | 0.037 | ng/ul# | 76       |
| 15) Phenanthrene            | 17.347 | 178  | 26726    | 0.265 | ng/ul  | 99       |
| 16) Anthracene              | 17.440 | 178  | 4587     | 0.056 | ng/ul# | 90       |
| 19) Fluoranthene            | 19.368 | 202  | 51737    | 0.479 | ng/ul  | 100      |
| 20) Pyrene                  | 19.730 | 202  | 18453m   | 0.166 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.488 | 228  | 24921    | 0.277 | ng/ul  | 97       |
| 22) Chrysene                | 21.540 | 228  | 26833    | 0.273 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.189 | 252  | 32521m   | 0.302 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.236 | 252  | 12606m   | 0.122 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.817 | 252  | 3523     | 0.040 | ng/ul# | 26       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.443 | 276  | 4085     | 0.040 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.453 | 278  | 3491     | 0.044 | ng/ul# | 65       |
| -----                       |        |      |          |       |        |          |

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

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