

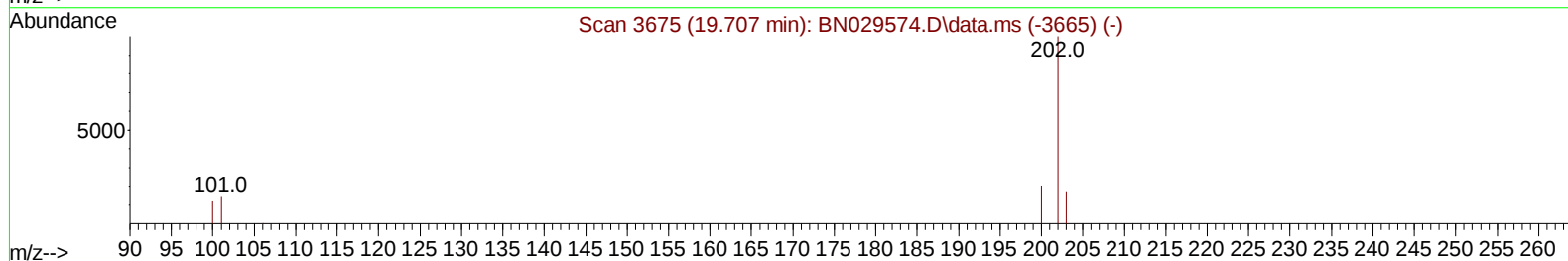
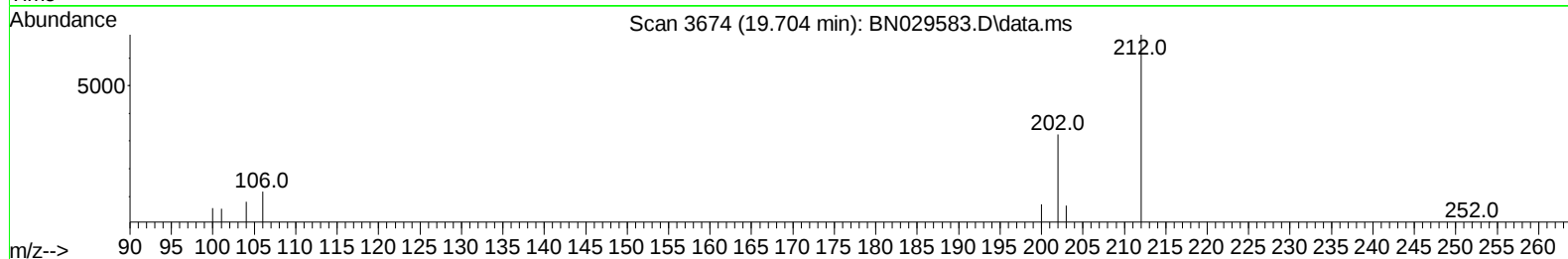
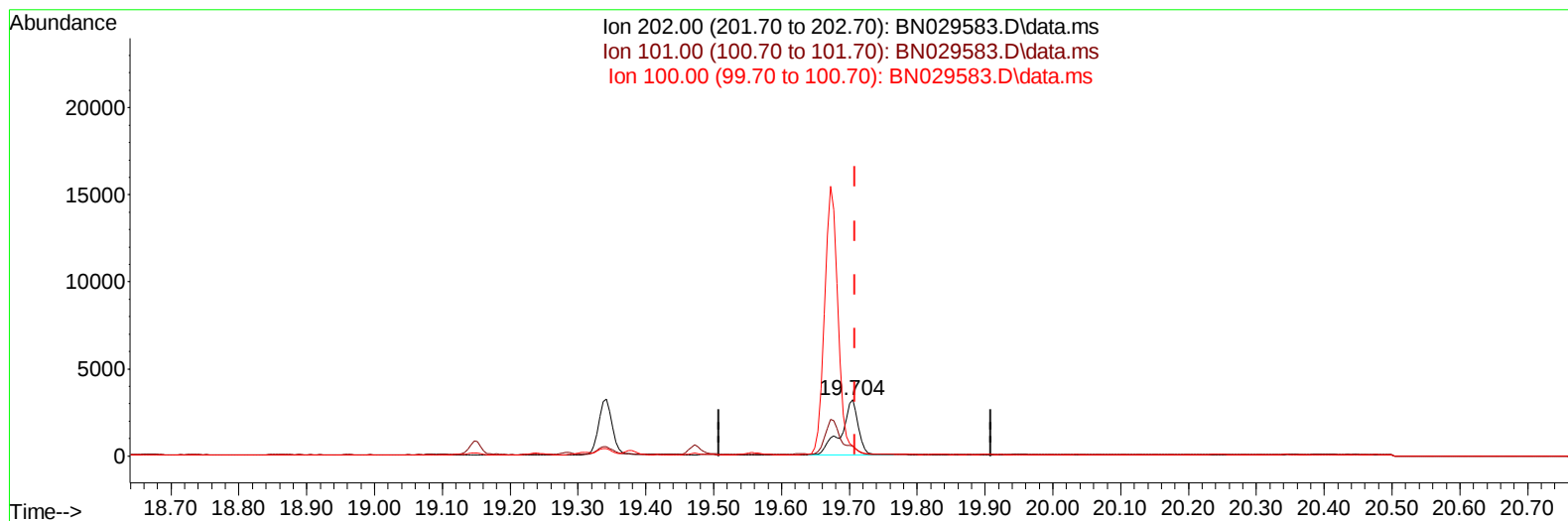
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
Data File : BN029583.D  
Acq On : 08 Feb 2024 18:23  
Operator : MA/JU  
Sample : P1303-14  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0FH9

Manual IntegrationsAPPROVED

Quant Time: Feb 08 23:58:56 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN020624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 07 02:17:13 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/09/2024  
Supervised By :mohammad ahmed 02/09/2024



TIC: BN029583.D\data.ms

(20) Pyrene

19.704min (-0.004) 0.11 ng/u1

response 5670

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.60  | 17.22  |
| 100.00 | 12.50  | 17.93# |
| 0.00   | 0.00   | 0.00   |

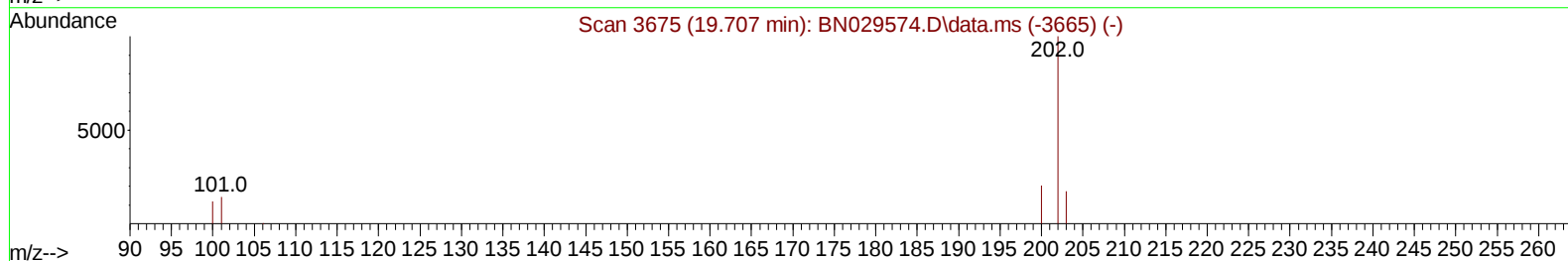
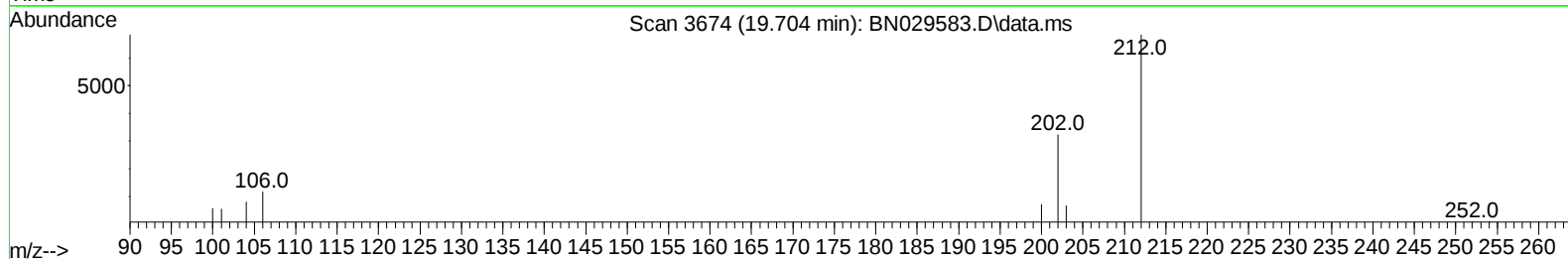
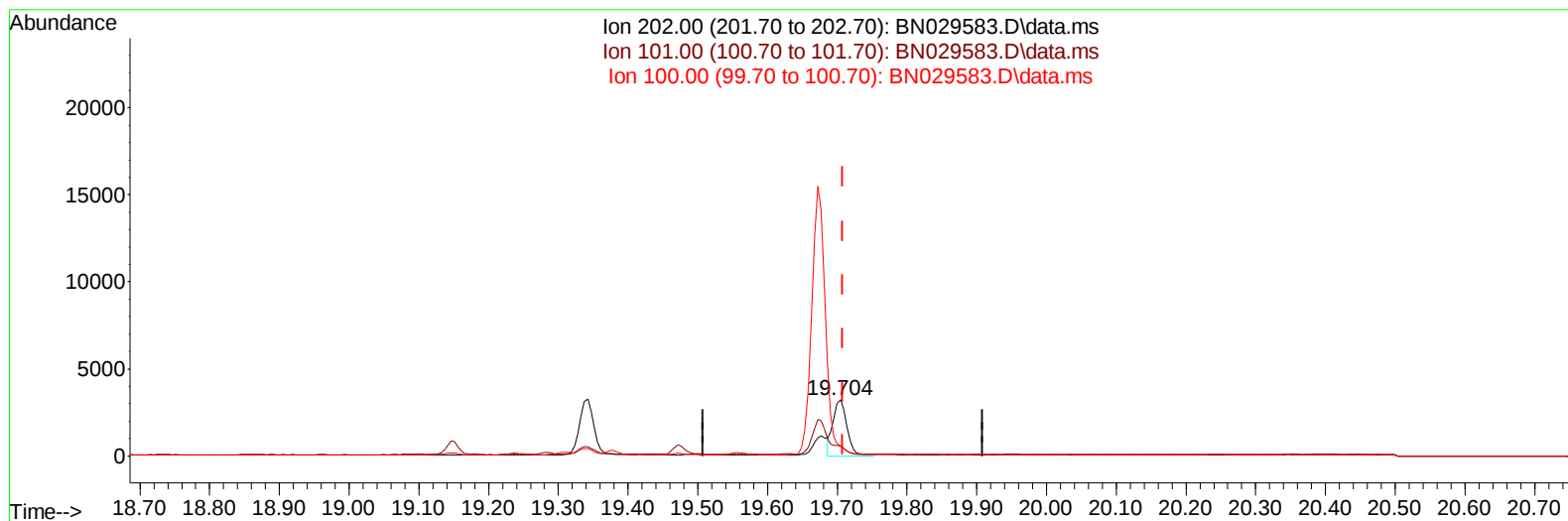
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
Data File : BN029583.D  
Acq On : 08 Feb 2024 18:23  
Operator : MA/JU  
Sample : P1303-14  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0FH9

Manual IntegrationsAPPROVED

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TIC: BN029583.D\data.ms

(20) Pyrene

19.704min (-0.004) 0.09 ng/u1 m

response 4436

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.60  | 17.22  |
| 100.00 | 12.50  | 17.93# |
| 0.00   | 0.00   | 0.00   |

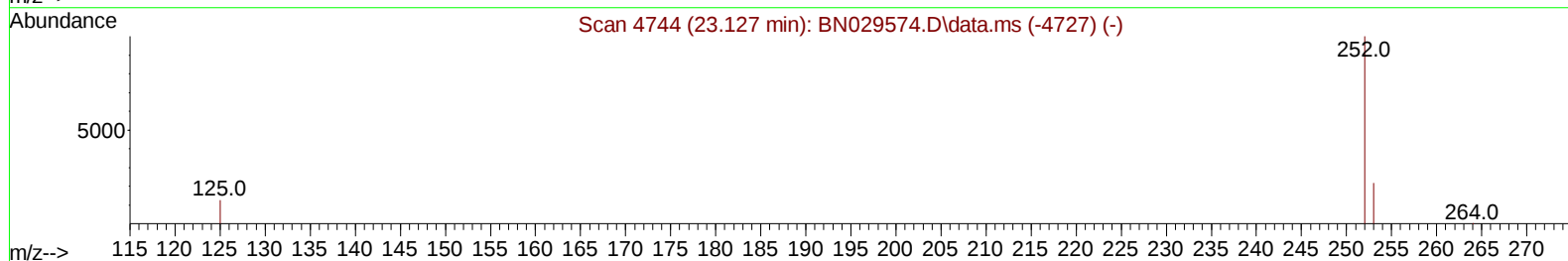
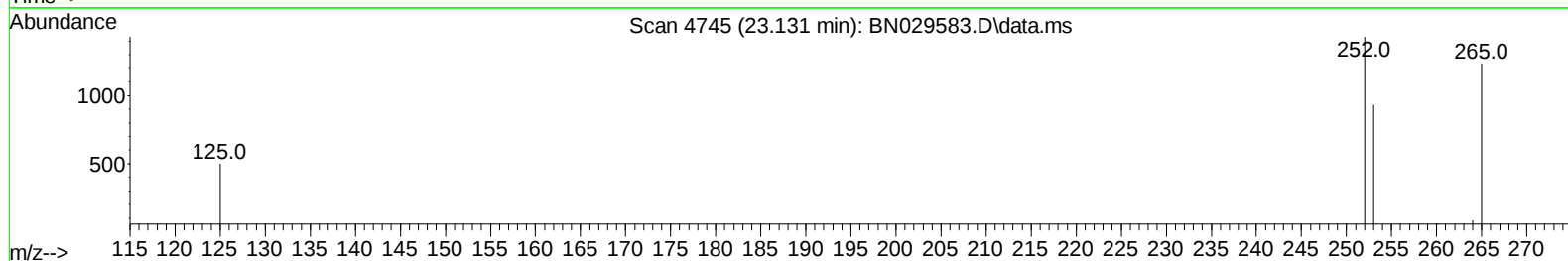
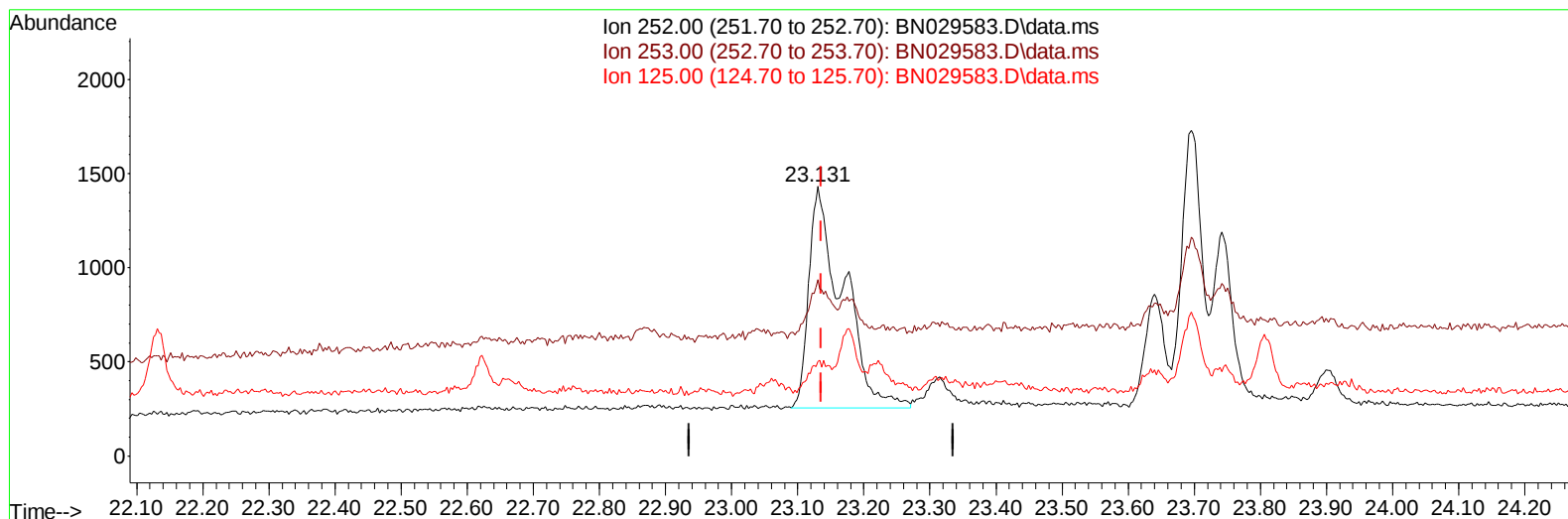
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
 Data File : BN029583.D  
 Acq On : 08 Feb 2024 18:23  
 Operator : MA/JU  
 Sample : P1303-14  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0FH9

Manual IntegrationsAPPROVED

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TIC: BN029583.D\data.ms

(24) Benzo(b)fluoranthene

23.131min (-0.005) 0.08 ng/u1

response 4197

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.40  | 65.34# |
| 125.00 | 16.20  | 35.01# |
| 0.00   | 0.00   | 0.00   |

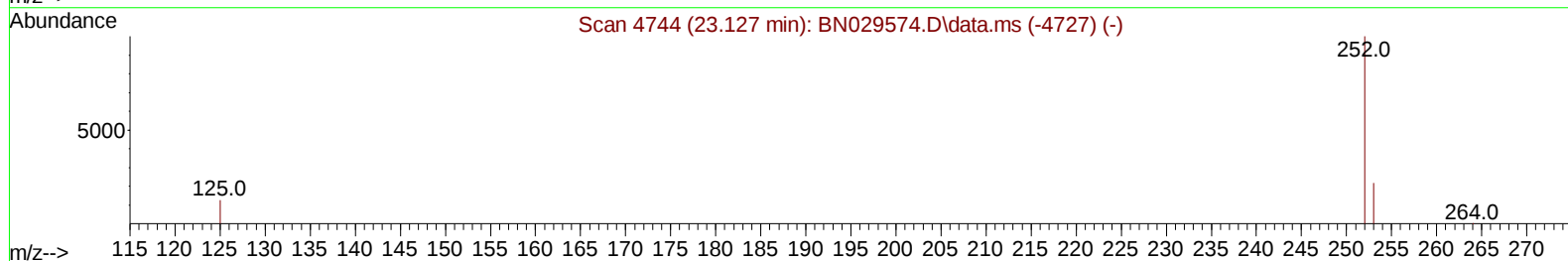
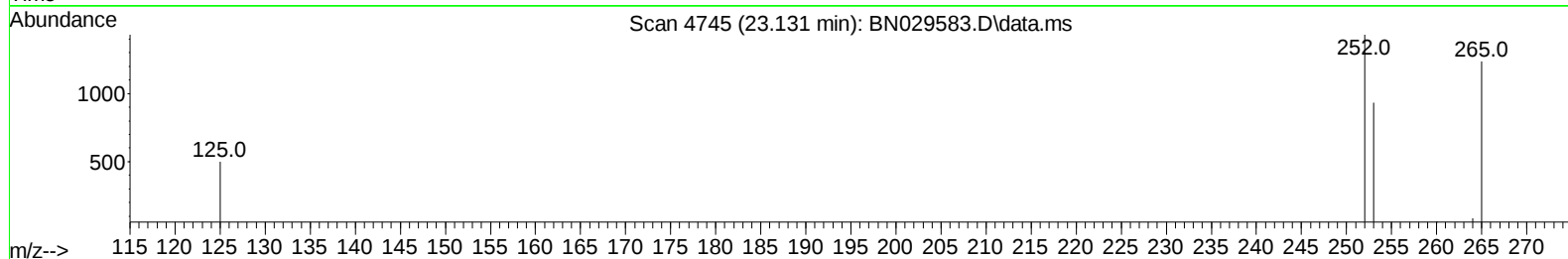
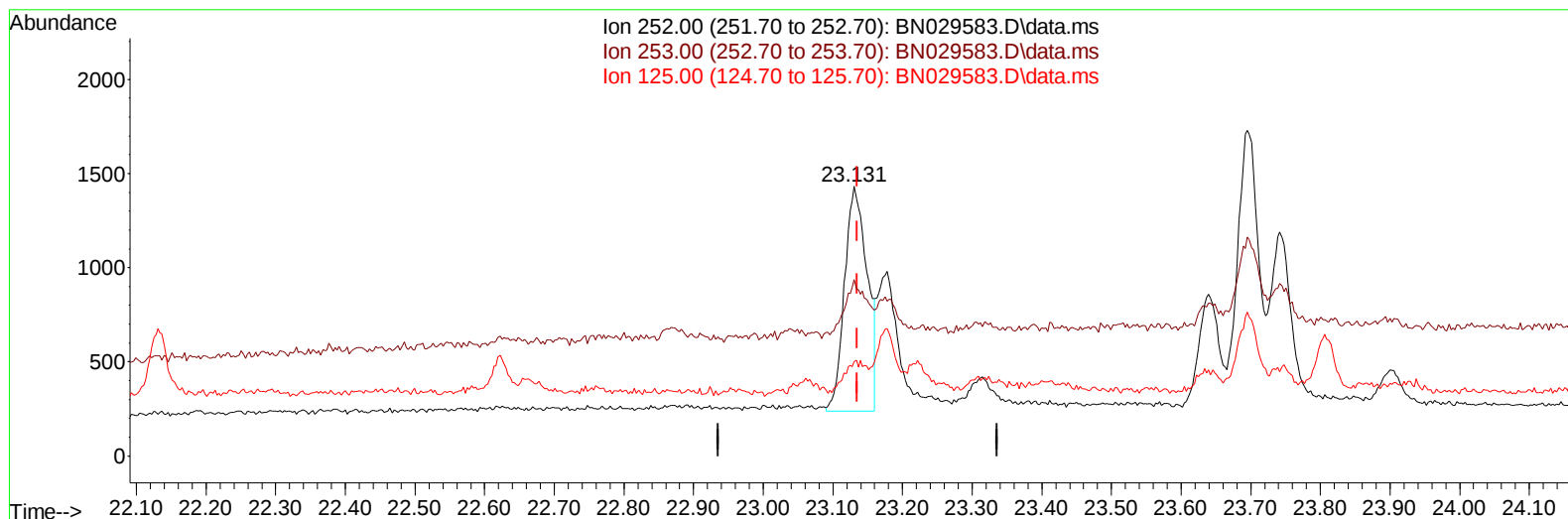
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
Data File : BN029583.D  
Acq On : 08 Feb 2024 18:23  
Operator : MA/JU  
Sample : P1303-14  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0FH9

Manual IntegrationsAPPROVED

Quant Time: Feb 08 23:58:56 2024  
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TIC: BN029583.D\data.ms

(24) Benzo(b)fluoranthene

23.131min (-0.005) 0.05 ng/u1 m

response 2720

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.40  | 65.34# |
| 125.00 | 16.20  | 35.01# |
| 0.00   | 0.00   | 0.00   |

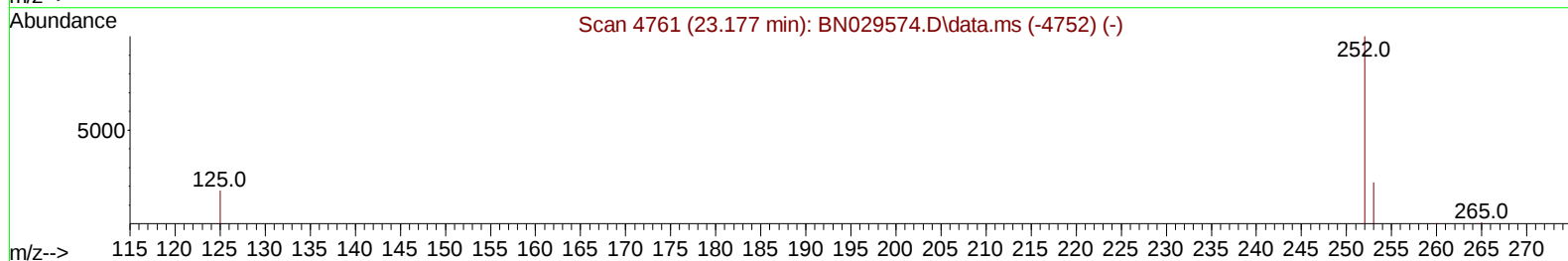
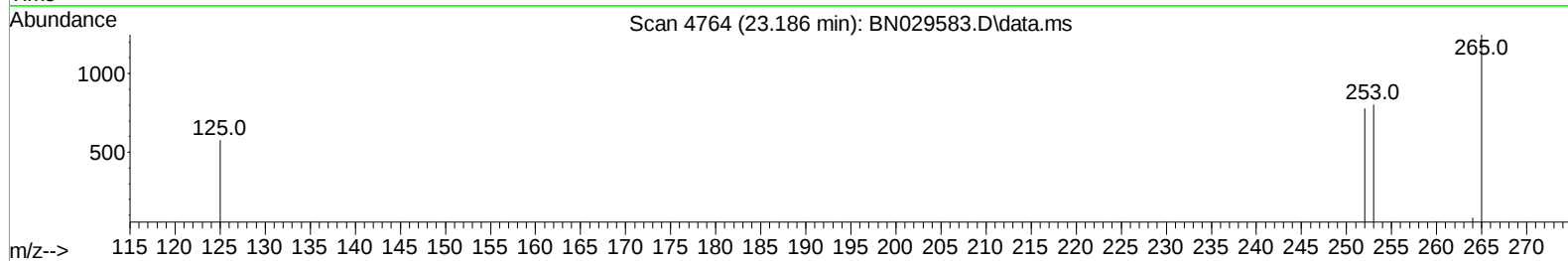
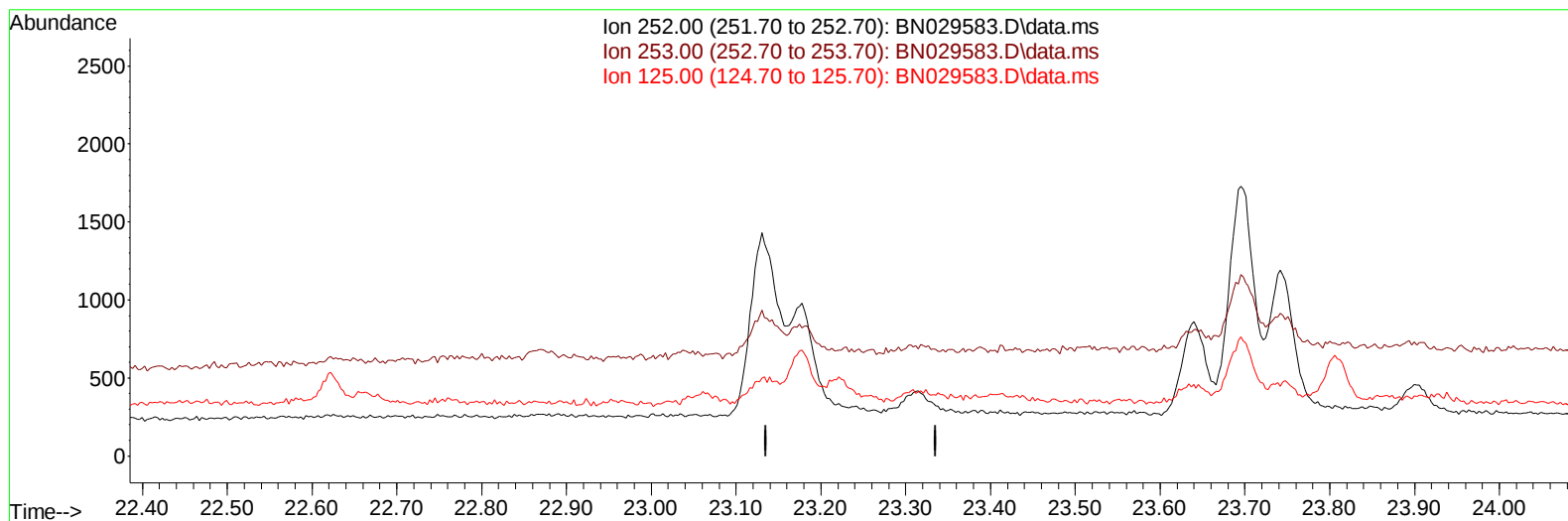
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
Data File : BN029583.D  
Acq On : 08 Feb 2024 18:23  
Operator : MA/JU  
Sample : P1303-14  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COFH9

Manual IntegrationsAPPROVED

Quant Time: Feb 08 23:58:56 2024  
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TIC: BN029583.D\data.ms

(25) Benzo(k)fluoranthene

23.185min (-23.185) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 28.20  | 0.00# |
| 125.00 | 19.10  | 0.00# |
| 0.00   | 0.00   | 0.00  |

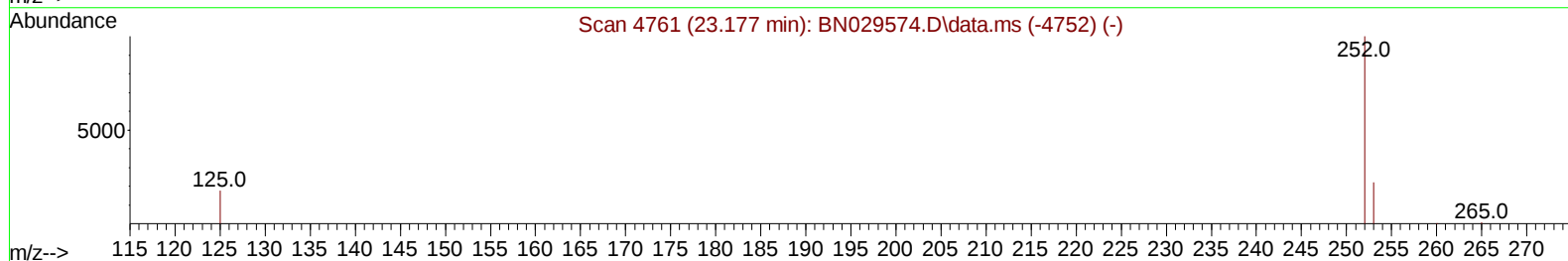
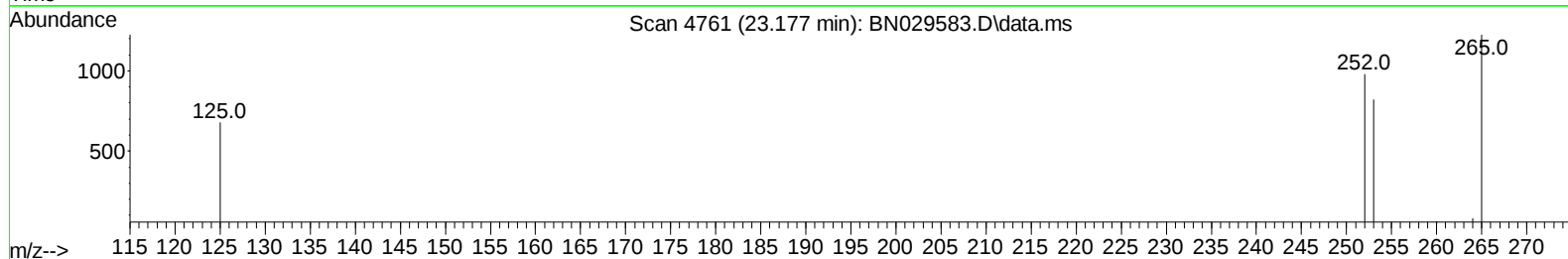
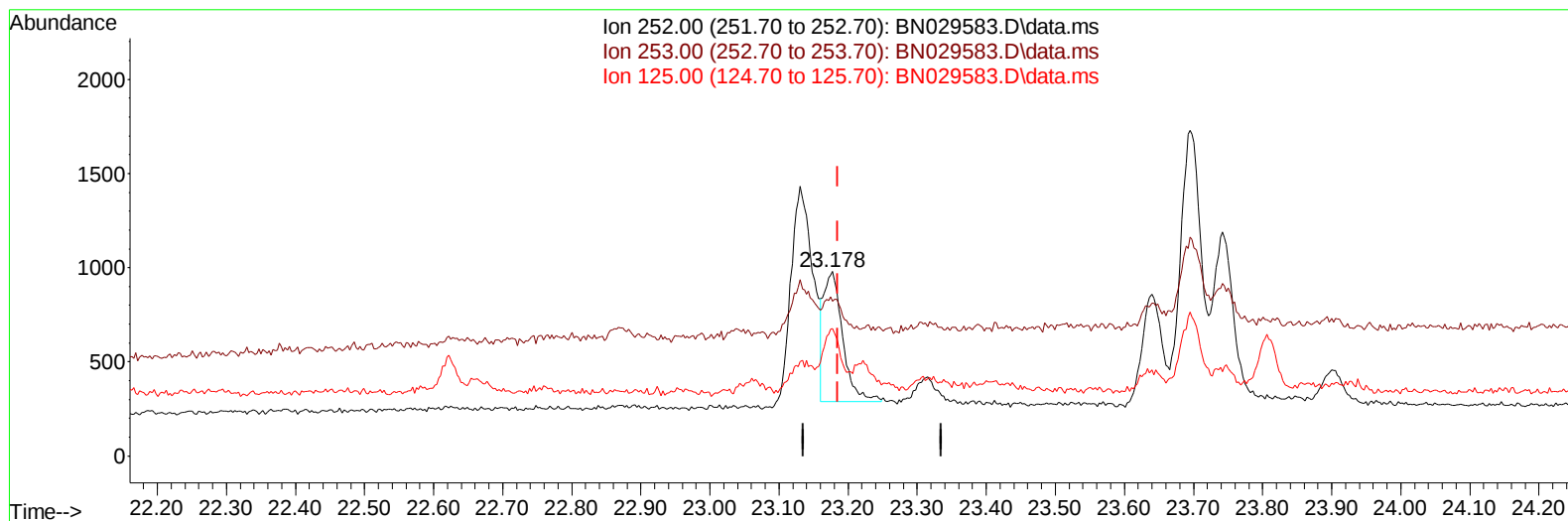
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
Data File : BN029583.D  
Acq On : 08 Feb 2024 18:23  
Operator : MA/JU  
Sample : P1303-14  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0FH9

Manual IntegrationsAPPROVED

Quant Time: Feb 08 23:58:56 2024  
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TIC: BN029583.D\data.ms

(25) Benzo(k)fluoranthene

23.177min (-0.008) 0.02 ng/ul m

response 1319

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.20  | 83.96# |
| 125.00 | 19.10  | 69.25# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
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 Acq On : 08 Feb 2024 18:23  
 Operator : MA/JU  
 Sample : P1303-14  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0FH9

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 02/09/2024

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.888  | 152 |     | 6062     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.683 | 136 |     | 16431    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.526 | 164 |     | 7415     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.277 | 188 |     | 14379    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.476 | 240 |     | 10556    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.847 | 264 |     | 13153    | 0.400 | ng/ul  | -0.01    |
|                             |        |     |     |          |       |        |          |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.332  | 96  |     | 36295    | 4.802 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.278 | 152 |     | 5632     | 0.269 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.309 | 212 |     | 9319     | 0.269 | ng/ul  | 0.00     |
|                             |        |     |     |          |       |        |          |
| Target Compounds            |        |     |     |          |       |        | Qvalue   |
| 15) Phenanthrene            | 17.319 | 178 |     | 1437     | 0.032 | ng/ul# | 85       |
| 19) Fluoranthene            | 19.342 | 202 |     | 4451     | 0.092 | ng/ul# | 94       |
| 20) Pyrene                  | 19.704 | 202 |     | 4436m    | 0.089 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.462 | 228 |     | 1959     | 0.051 | ng/ul# | 92       |
| 22) Chrysene                | 21.514 | 228 |     | 1973     | 0.047 | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 23.131 | 252 |     | 2720m    | 0.055 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.177 | 252 |     | 1319m    | 0.024 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.742 | 252 |     | 1657     | 0.036 | ng/ul# | 35       |
| 29) Benzo(g,h,i)perylene    | 27.054 | 276 |     | 1158     | 0.023 | ng/ul# | 67       |
| -----                       |        |     |     |          |       |        |          |

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

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