

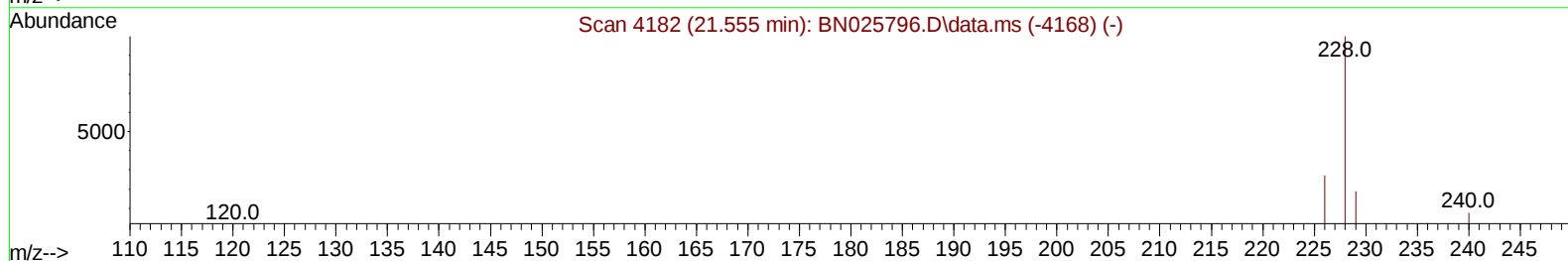
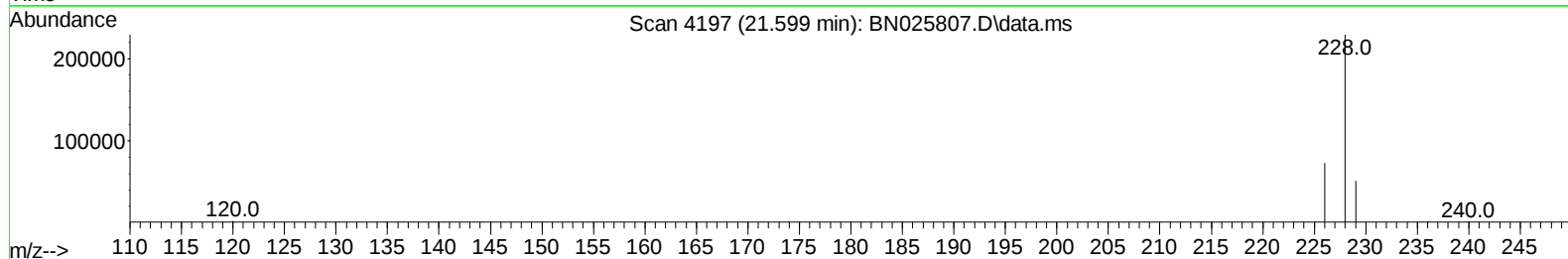
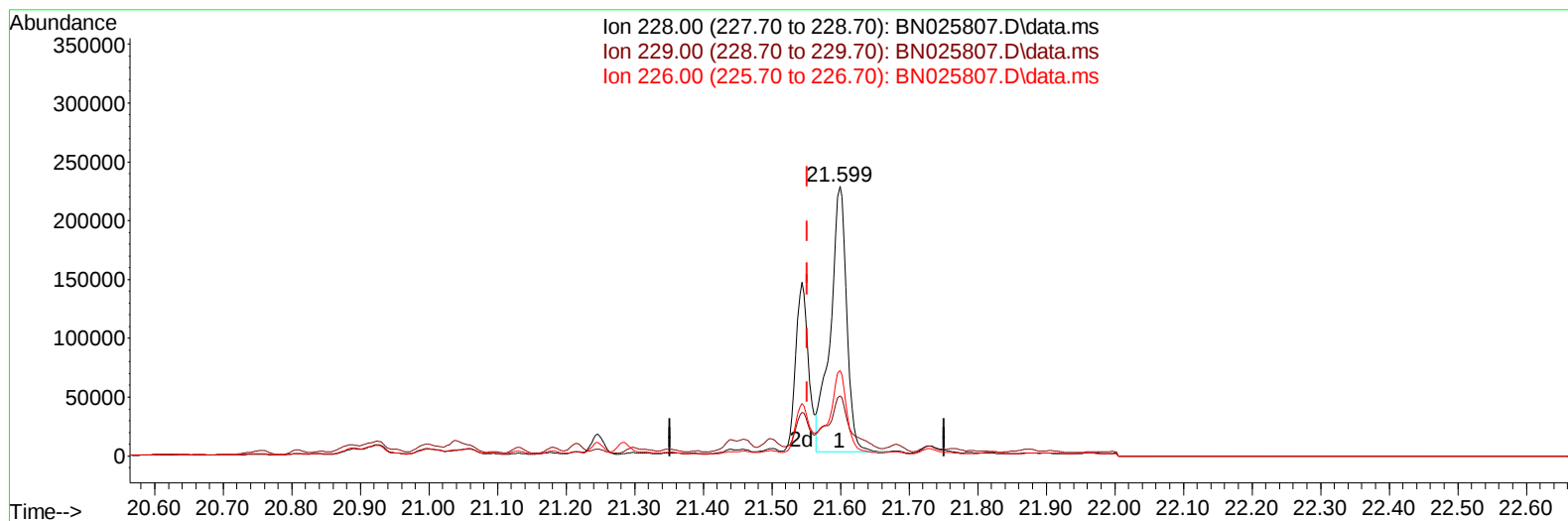
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
Data File : BN025807.D  
Acq On : 13 Jun 2023 15:32  
Operator : MA/JU  
Sample : 02950-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW983

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:17:14 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN060923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jun 10 02:01:49 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/14/2023



TIC: BN025807.D\data.ms

(21) Benzo(a)anthracene

21.599min (+ 0.047) 6.15 ng/u1

response 374308

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 19.40  | 22.37  |
| 226.00 | 27.50  | 31.71  |
| 0.00   | 0.00   | 0.00   |

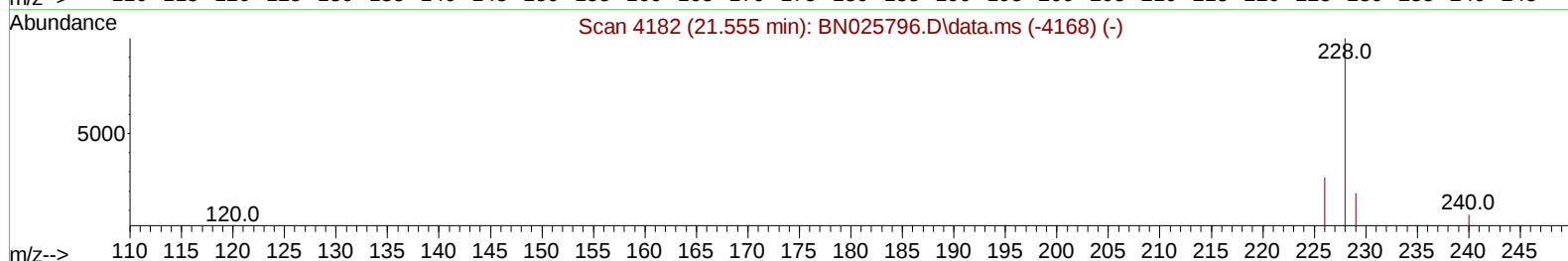
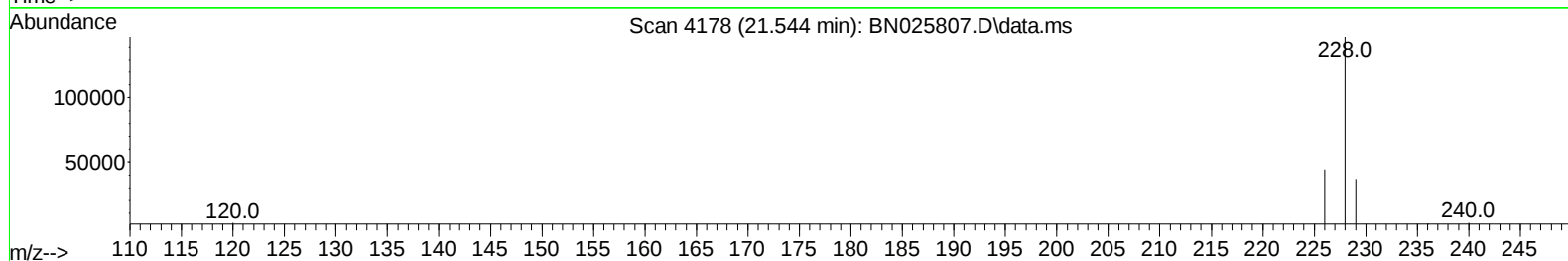
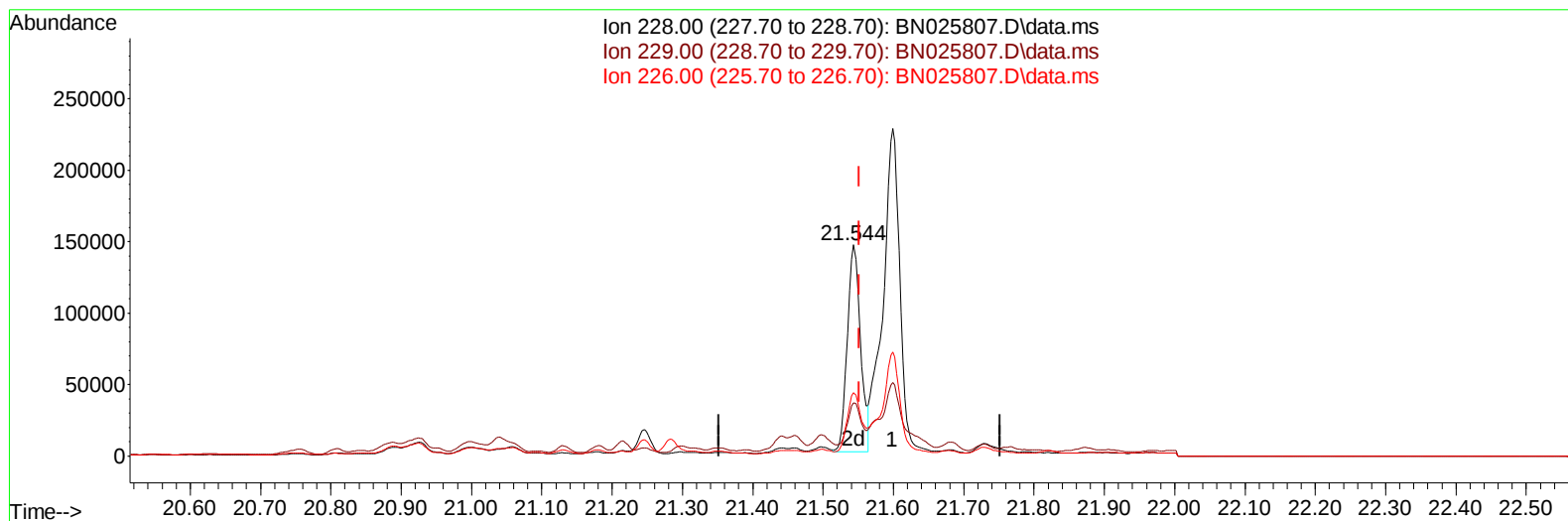
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
 Data File : BN025807.D  
 Acq On : 13 Jun 2023 15:32  
 Operator : MA/JU  
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Manual IntegrationsAPPROVED

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TIC: BN025807.D\data.ms

(21) Benzo(a)anthracene

21.544min (-0.008) 3.11 ng/ul m

response 189482

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 19.40  | 25.05# |
| 226.00 | 27.50  | 30.07  |
| 0.00   | 0.00   | 0.00   |

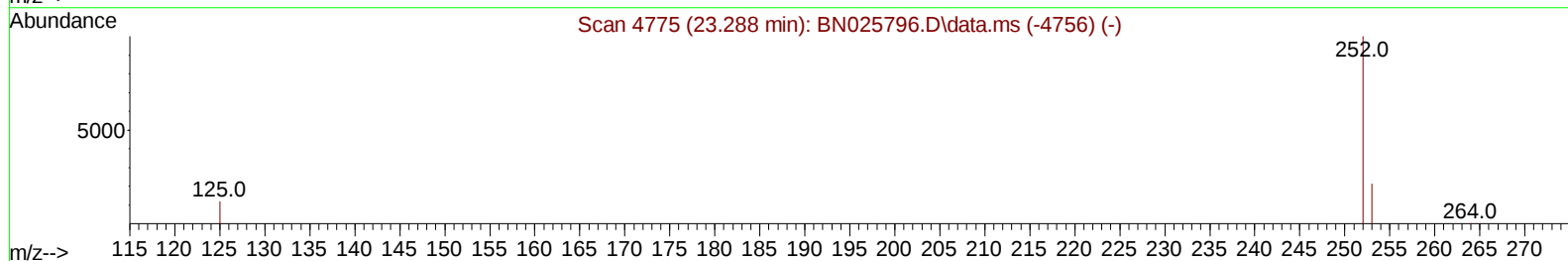
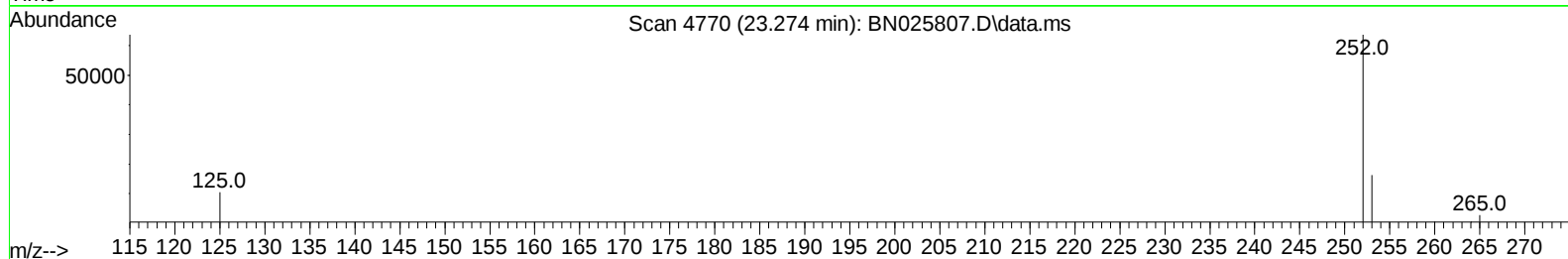
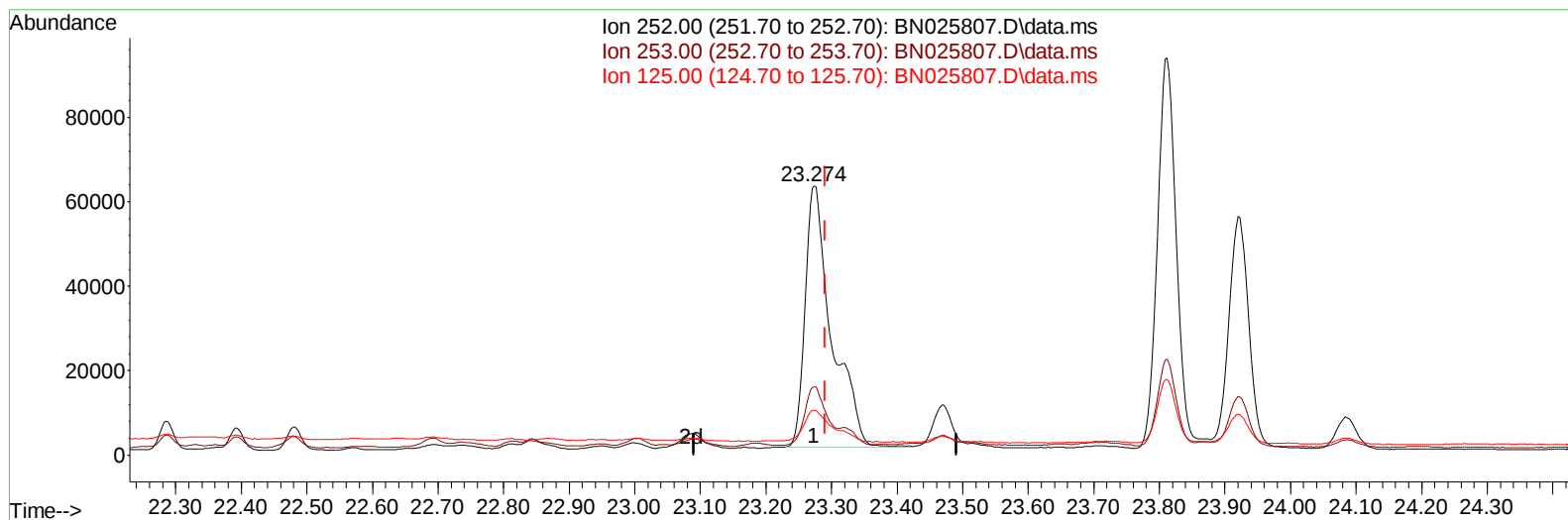
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
 Data File : BN025807.D  
 Acq On : 13 Jun 2023 15:32  
 Operator : MA/JU  
 Sample : 02950-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW983

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:17:14 2023  
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 Supervised By :mohammad ahmed 06/14/2023



TIC: BN025807.D\data.ms

(24) Benzo(b)fluoranthene

23.274min (-0.017) 2.07 ng/u1

response 174912

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 25.39  |
| 125.00 | 14.00  | 16.56  |
| 0.00   | 0.00   | 0.00   |

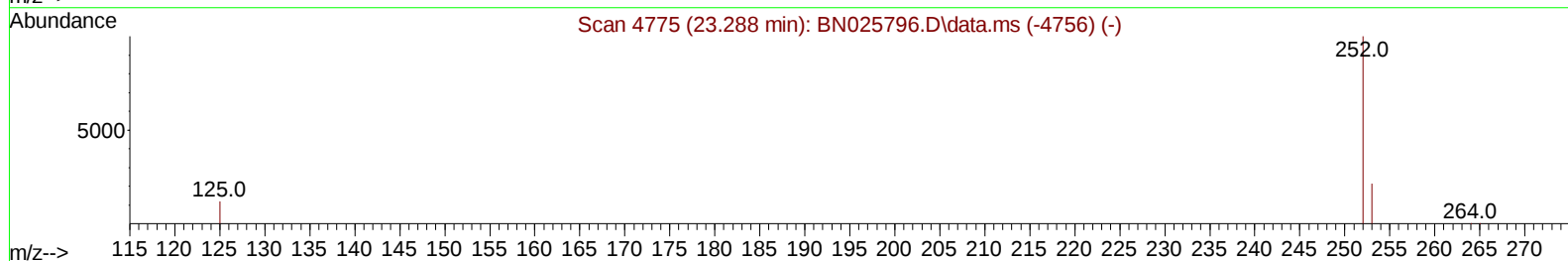
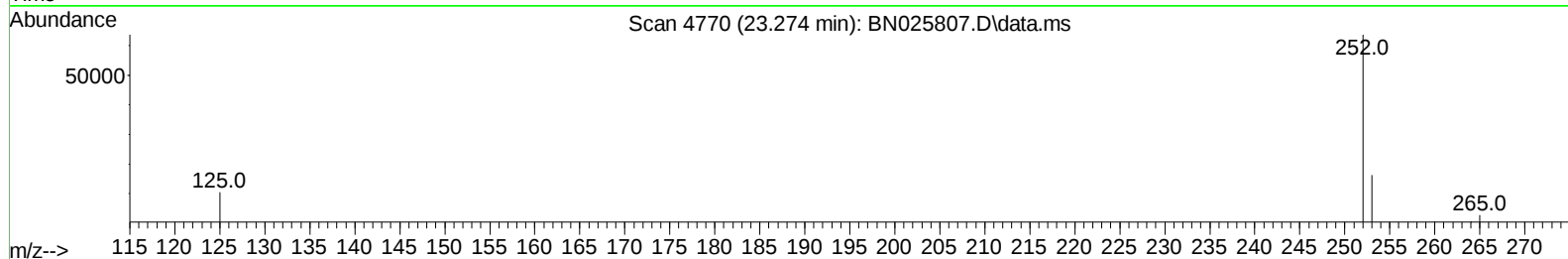
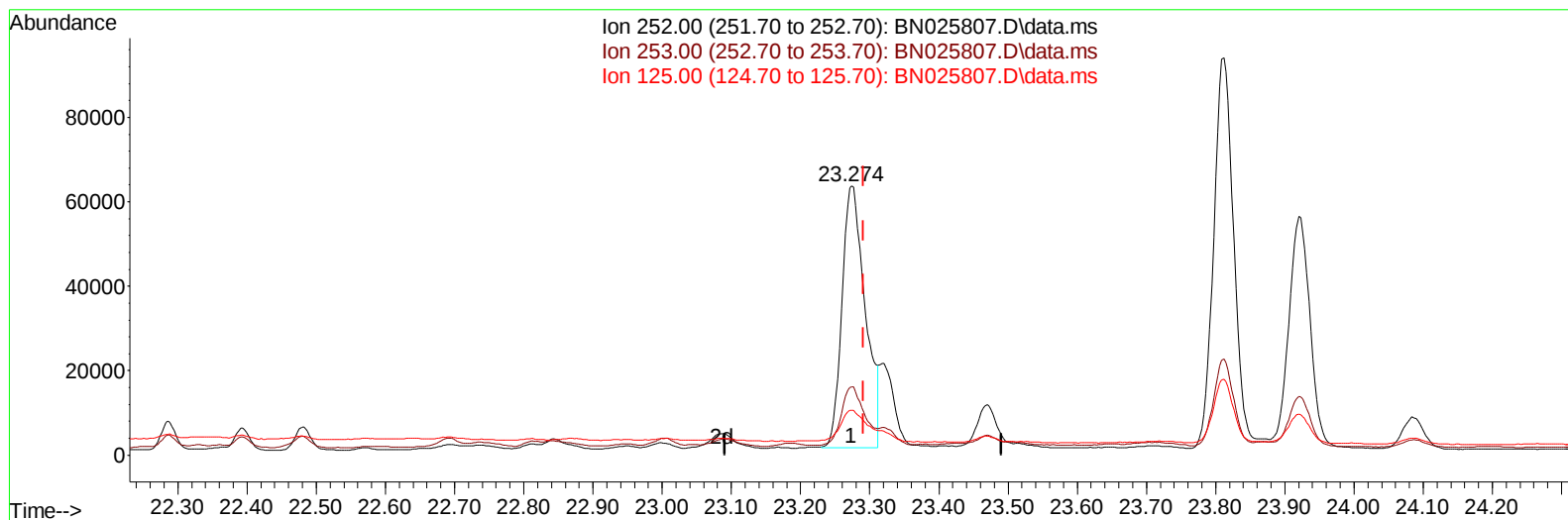
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
Data File : BN025807.D  
Acq On : 13 Jun 2023 15:32  
Operator : MA/JU  
Sample : 02950-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW983

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 13 23:17:14 2023  
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TIC: BN025807.D\data.ms

## (24) Benzo(b)fluoranthene

23.274min (-0.017) 1.73 ng/u1 m

response 145737

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 25.39  |
| 125.00 | 14.00  | 16.56  |
| 0.00   | 0.00   | 0.00   |

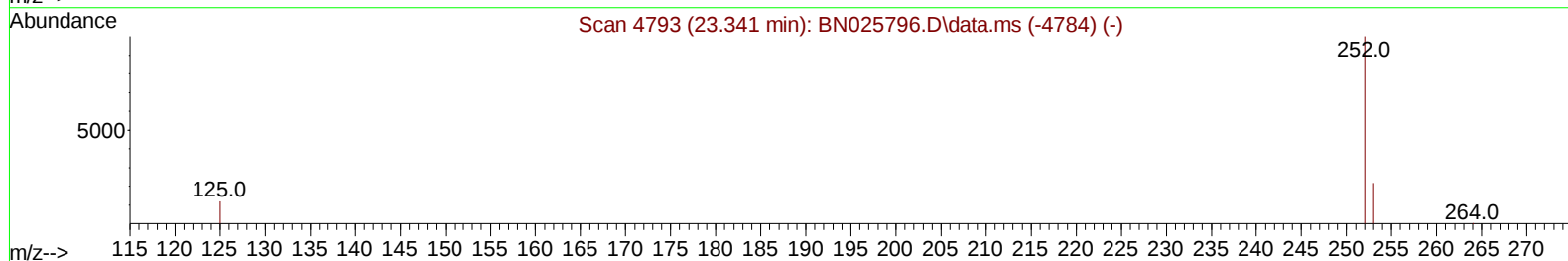
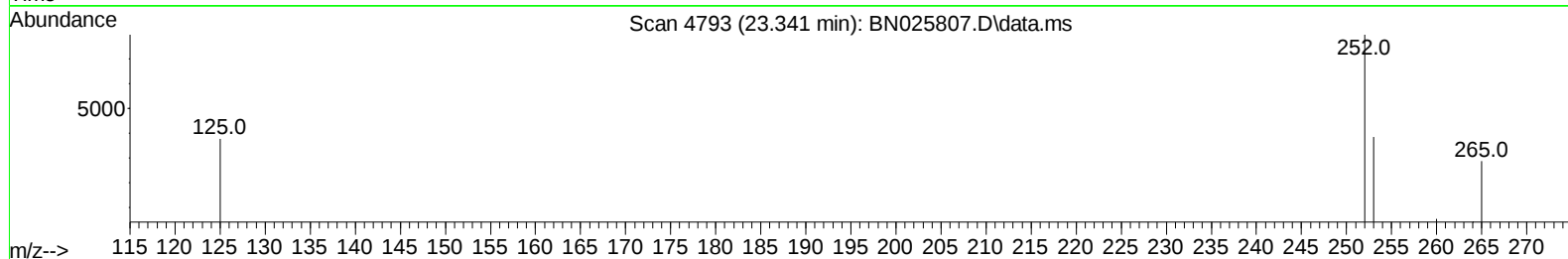
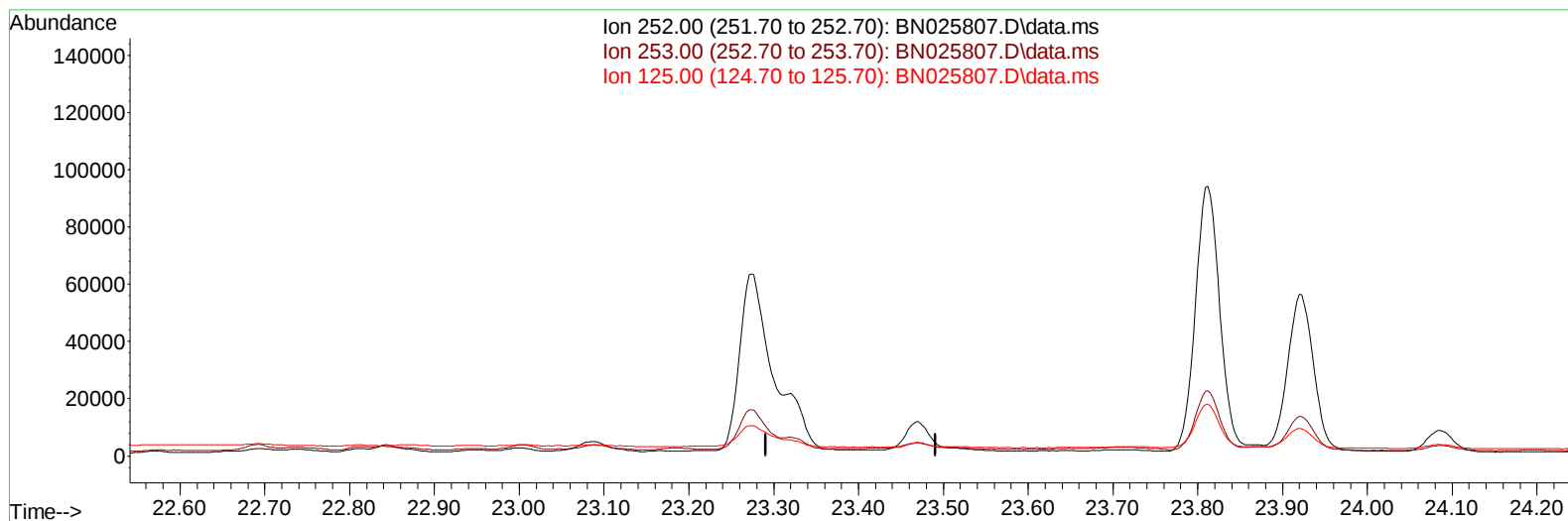
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
 Data File : BN025807.D  
 Acq On : 13 Jun 2023 15:32  
 Operator : MA/JU  
 Sample : 02950-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW983

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:17:14 2023  
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Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/14/2023



TIC: BN025807.D\data.ms

(25) Benzo(k)fluoranthene

23.341min (-23.341) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 29.10  | 0.00# |
| 125.00 | 14.50  | 0.00# |
| 0.00   | 0.00   | 0.00  |

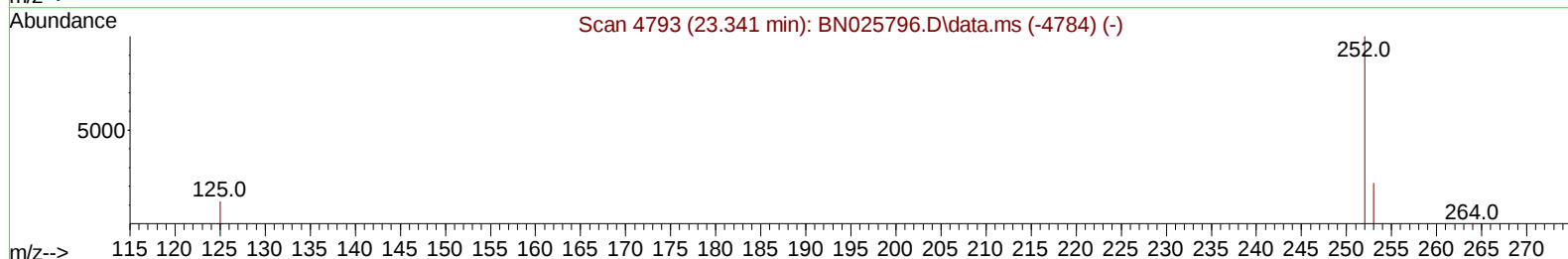
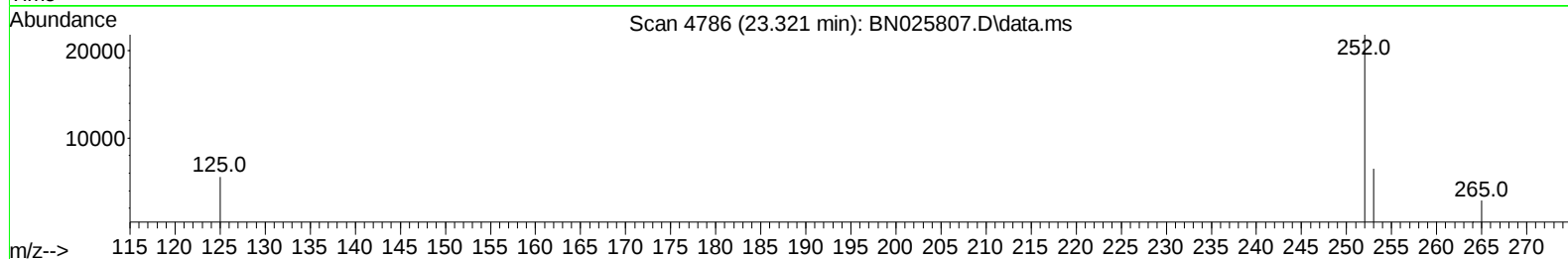
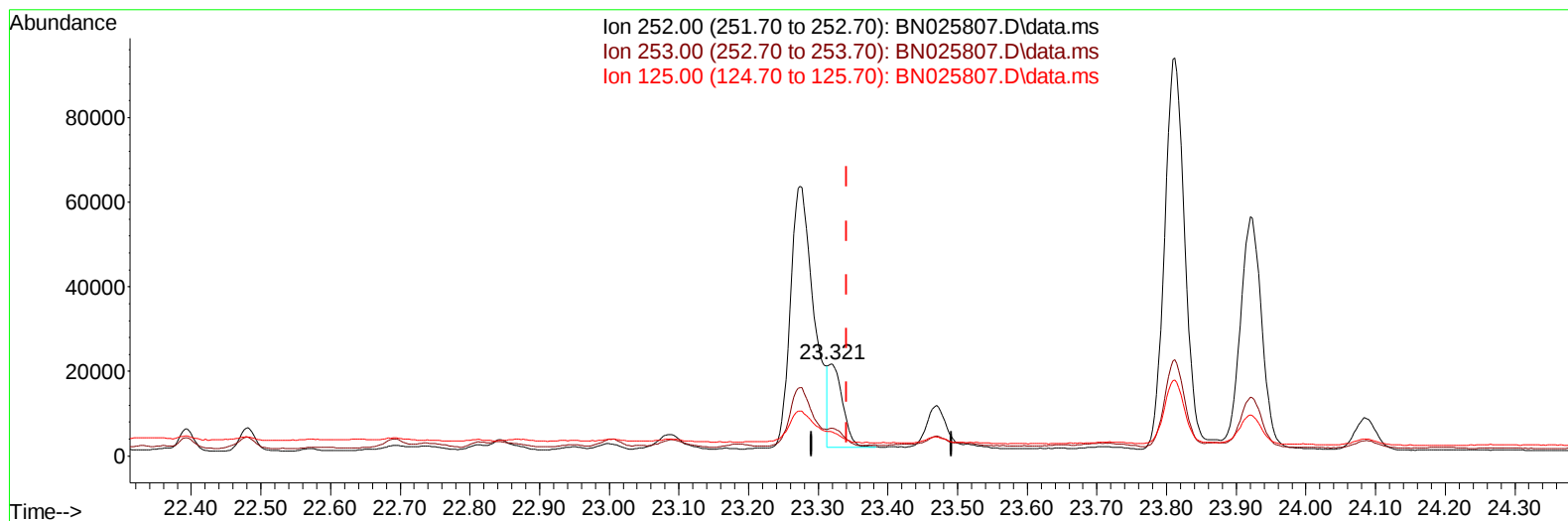
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
 Data File : BN025807.D  
 Acq On : 13 Jun 2023 15:32  
 Operator : MA/JU  
 Sample : 02950-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW983

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:17:14 2023  
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Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/14/2023



TIC: BN025807.D\data.ms

(25) Benzo(k)fluoranthene

23.321min (-0.020) 0.34 ng/u1 m

response 28393

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.10  | 29.77  |
| 125.00 | 14.50  | 25.60# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
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 Acq On : 13 Jun 2023 15:32  
 Operator : MA/JU  
 Sample : 02950-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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 EW983

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/14/2023

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.005  | 152  | 9405     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.820 | 136  | 26247    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.640 | 164  | 13905    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.385 | 188  | 25716    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.561 | 240  | 19098    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.031 | 264  | 20626    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.352  | 96   | 19374    | 2.095 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.403 | 152  | 5472     | 0.164 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.405 | 212  | 11434    | 0.190 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.869 | 128  | 4319     | 0.065 | ng/ul# | 91       |
| 7) 2-Methylnaphthalene      | 12.475 | 142  | 2763     | 0.069 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.695 | 142  | 1885     | 0.043 | ng/ul  | 86       |
| 10) Acenaphthylene          | 14.362 | 152  | 18379    | 0.334 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.704 | 153  | 9067     | 0.198 | ng/ul  | 99       |
| 12) Fluorene                | 15.685 | 166  | 3968     | 0.078 | ng/ul# | 67       |
| 15) Phenanthrene            | 17.423 | 178  | 38013    | 0.507 | ng/ul# | 92       |
| 16) Anthracene              | 17.516 | 178  | 22822    | 0.360 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.438 | 202  | 228384   | 2.614 | ng/ul  | 98       |
| 20) Pyrene                  | 19.800 | 202  | 515072   | 5.696 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.544 | 228  | 189482m  | 3.111 | ng/ul  |          |
| 22) Chrysene                | 21.599 | 228  | 374308   | 5.375 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.274 | 252  | 145737m  | 1.727 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.321 | 252  | 28393m   | 0.336 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.920 | 252  | 118052   | 1.651 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.604 | 276  | 62663    | 0.769 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.615 | 278  | 28359    | 0.459 | ng/ul# | 86       |
| 29) Benzo(g,h,i)perylene    | 27.406 | 276  | 80845    | 1.105 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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