

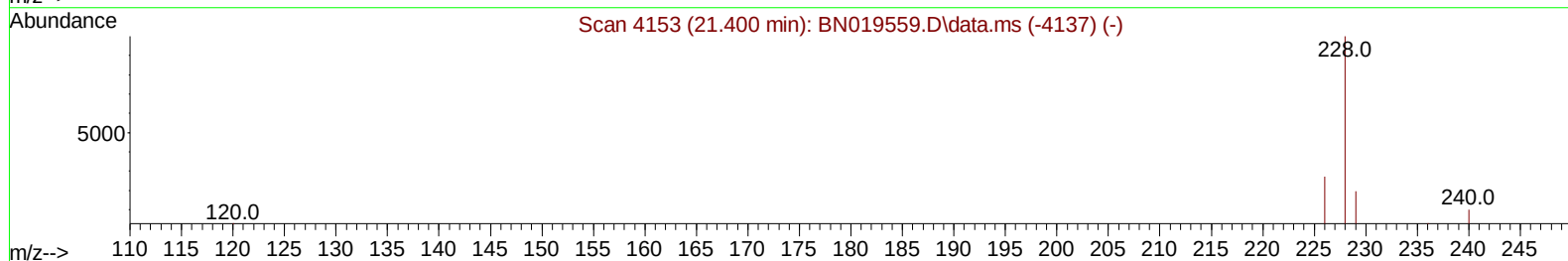
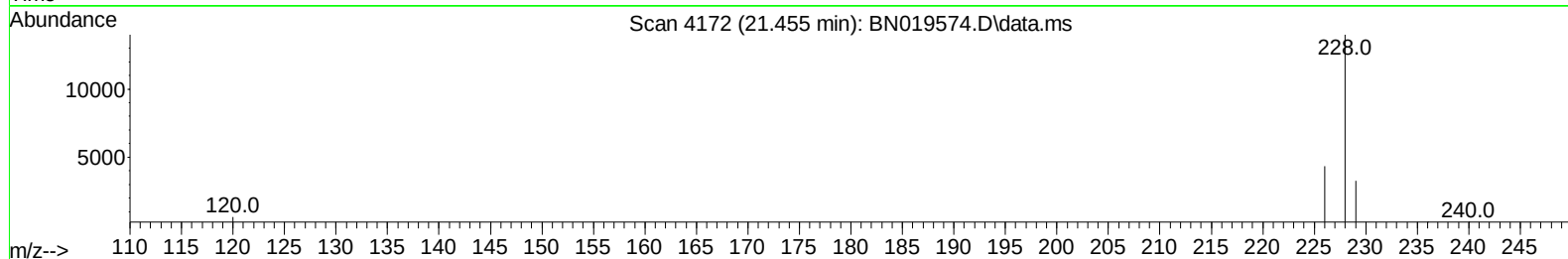
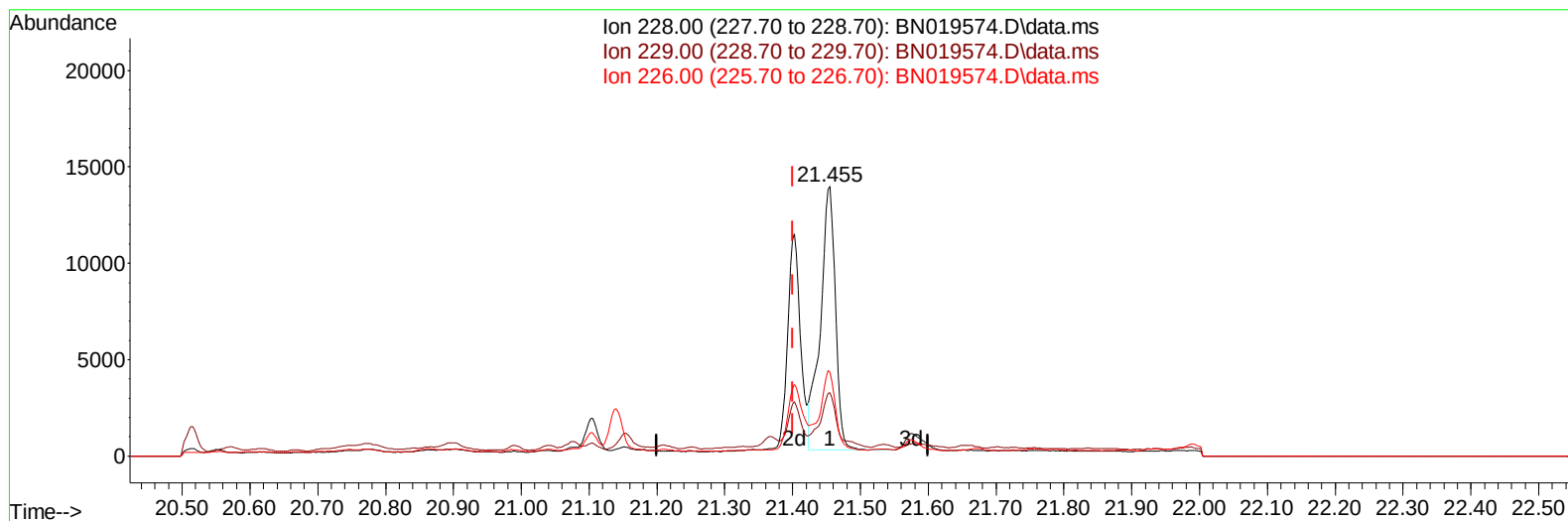
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019574.D  
 Acq On : 28 Apr 2022 20:01  
 Operator : CG/JU  
 Sample : N2469-05  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFG7

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:24:02 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 13:24:26 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/29/2022  
 Supervised By :Yogesh Patel 05/05/2022



TIC: BN019574.D\data.ms

**(21) Benzo(a)anthracene**

21.455min (+ 0.055) 0.45 ng/u1

response 21116

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 20.10  | 23.44  |
| 226.00 | 27.60  | 31.08  |
| 0.00   | 0.00   | 0.00   |

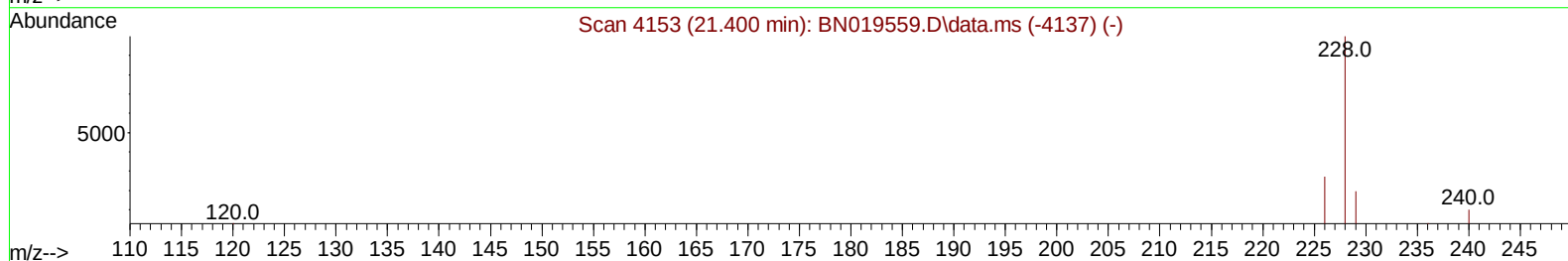
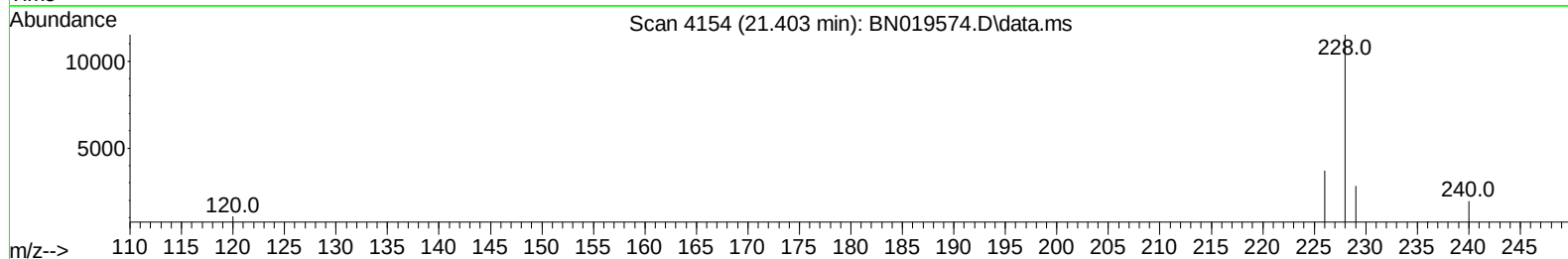
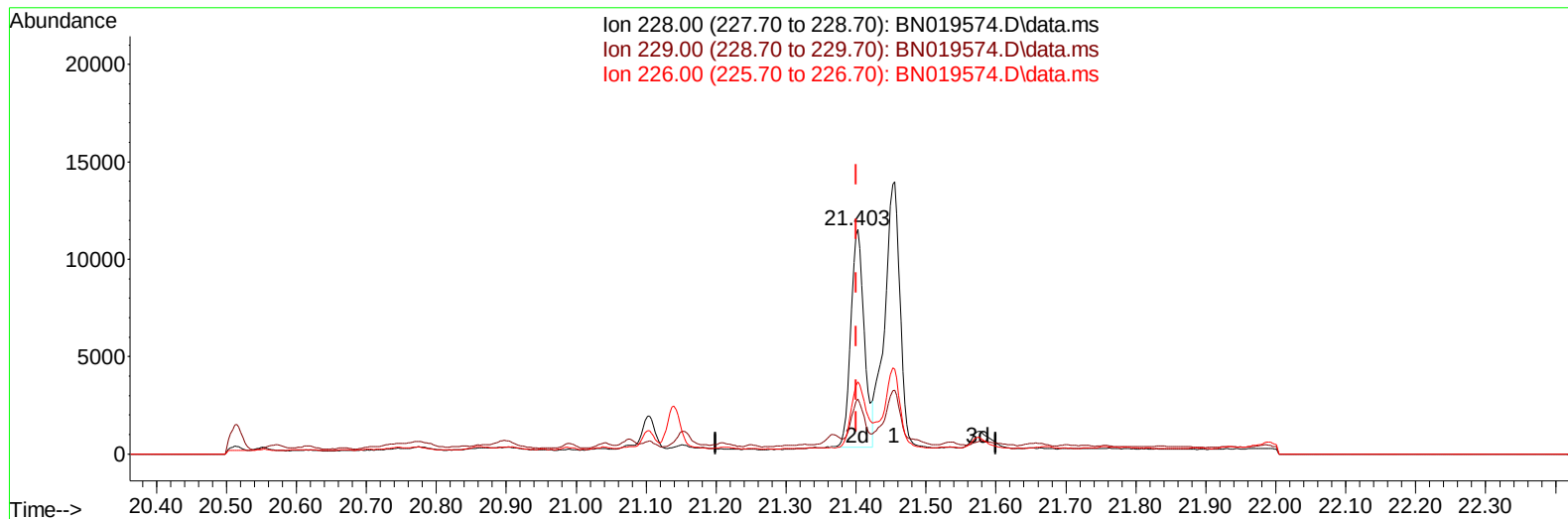
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
Data File : BN019574.D  
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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
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Manual IntegrationsAPPROVED

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TIC: BN019574.D\data.ms

(21) Benzo(a)anthracene

21.403min (+ 0.003) 0.32 ng/ul m

response 15000

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 20.10  | 24.56# |
| 226.00 | 27.60  | 32.19  |
| 0.00   | 0.00   | 0.00   |

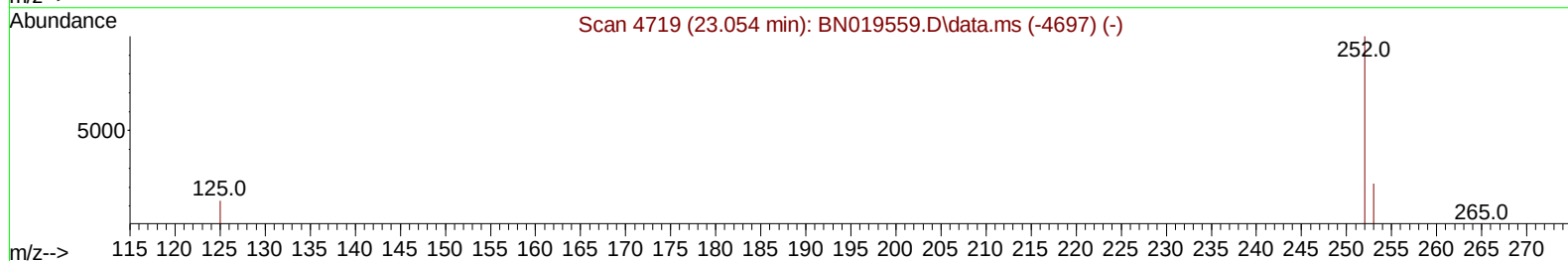
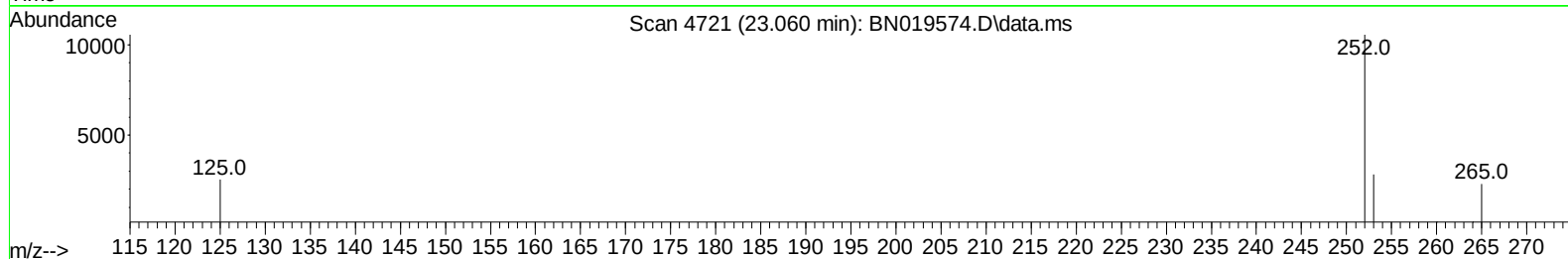
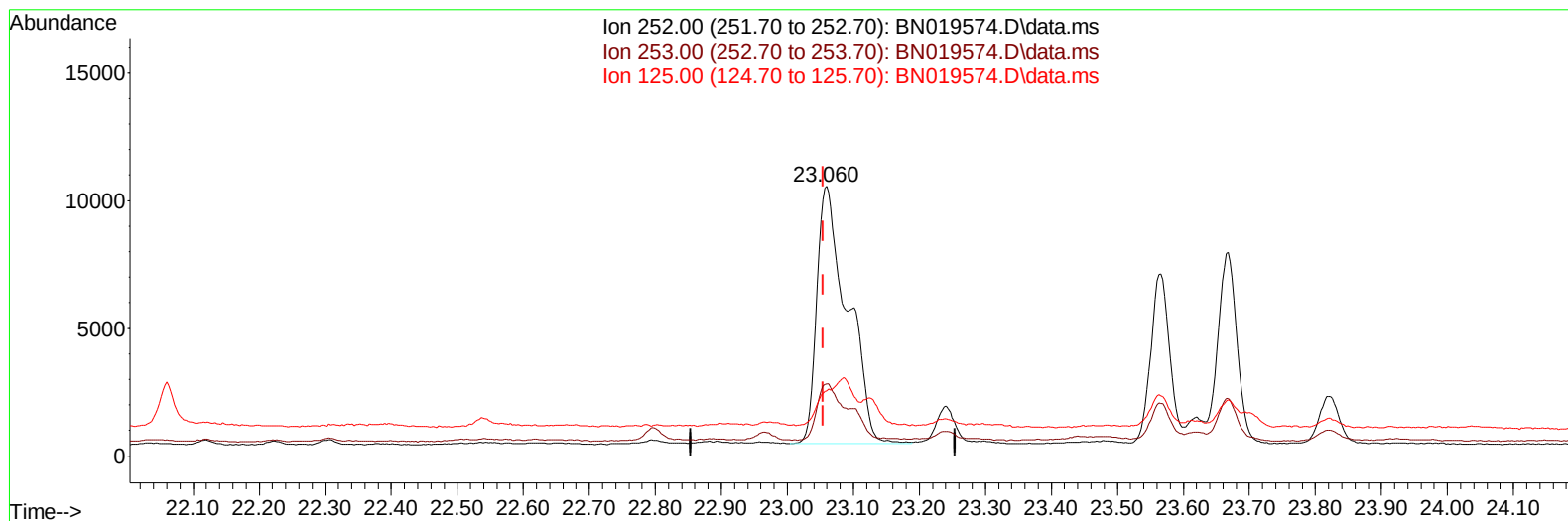
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
Data File : BN019574.D  
Acq On : 28 Apr 2022 20:01  
Operator : CG/JU  
Sample : N2469-05  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFFG7

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:24:02 2022  
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TIC: BN019574.D\data.ms

(24) Benzo(b)fluoranthene

23.060min (+ 0.005) 0.55 ng/u1

response 32608

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 26.80  |
| 125.00 | 20.10  | 24.16  |
| 0.00   | 0.00   | 0.00   |

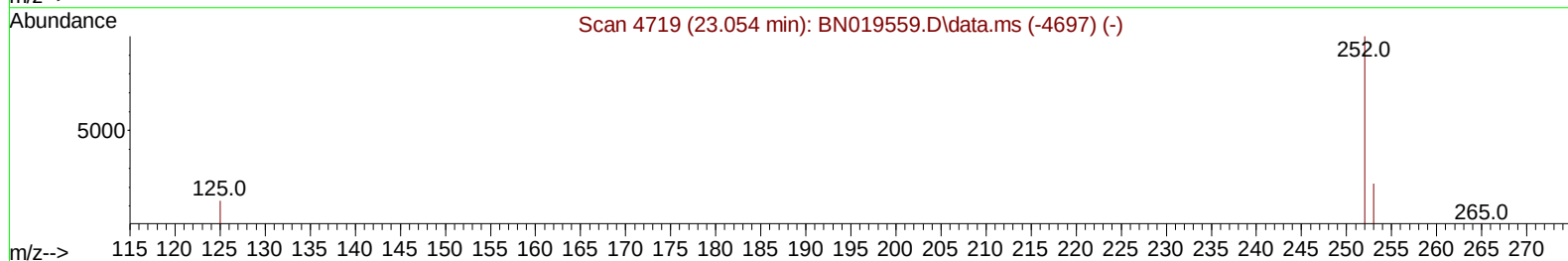
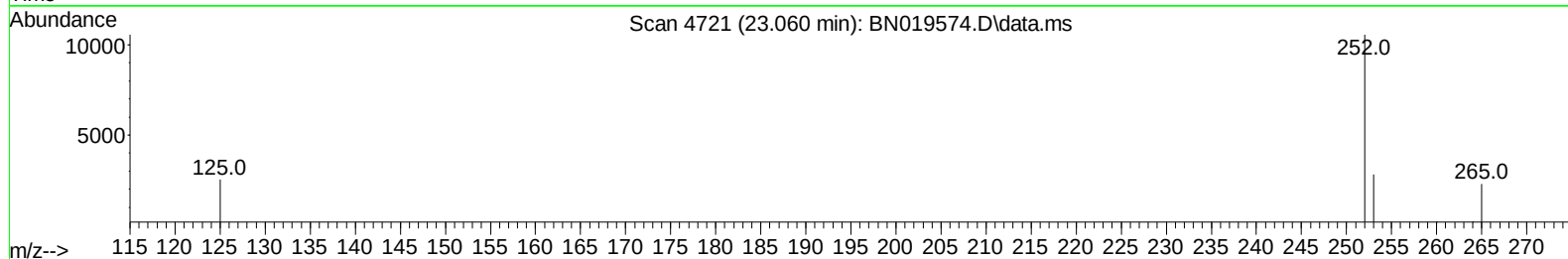
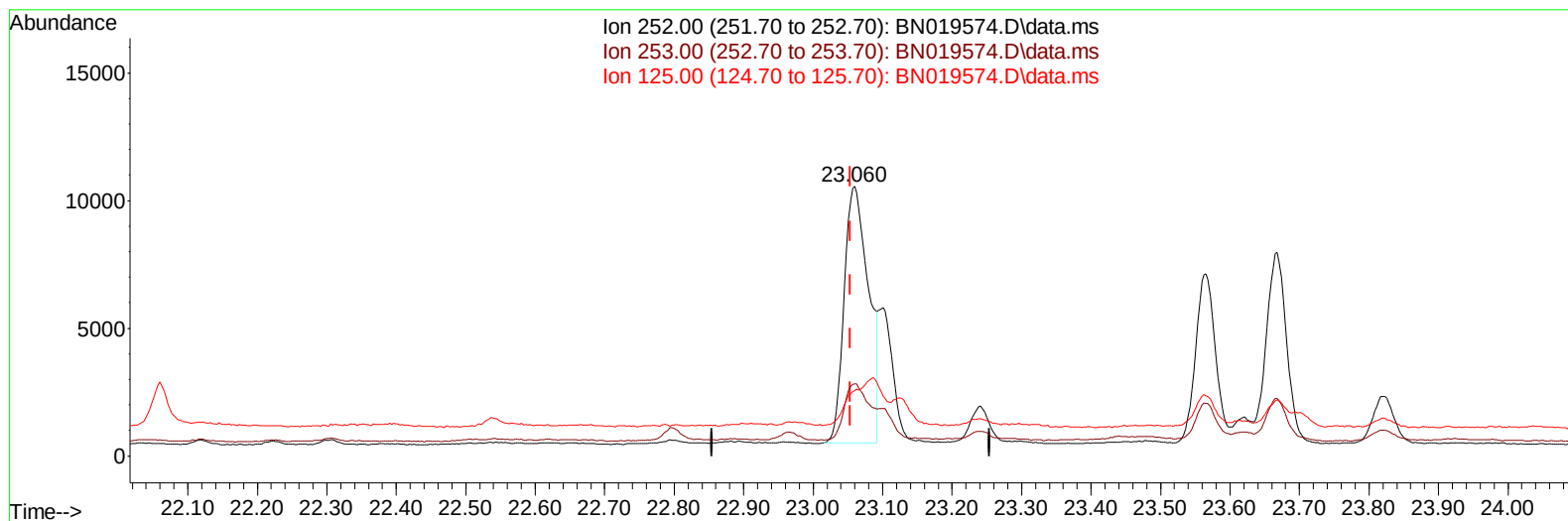
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
Data File : BN019574.D  
Acq On : 28 Apr 2022 20:01  
Operator : CG/JU  
Sample : N2469-05  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFFG7

## Manual IntegrationsAPPROVED

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TIC: BN019574.D\data.ms

## (24) Benzo(b)fluoranthene

23.060min (+ 0.005) 0.42 ng/ul m

response 24719

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 26.80  |
| 125.00 | 20.10  | 24.16  |
| 0.00   | 0.00   | 0.00   |

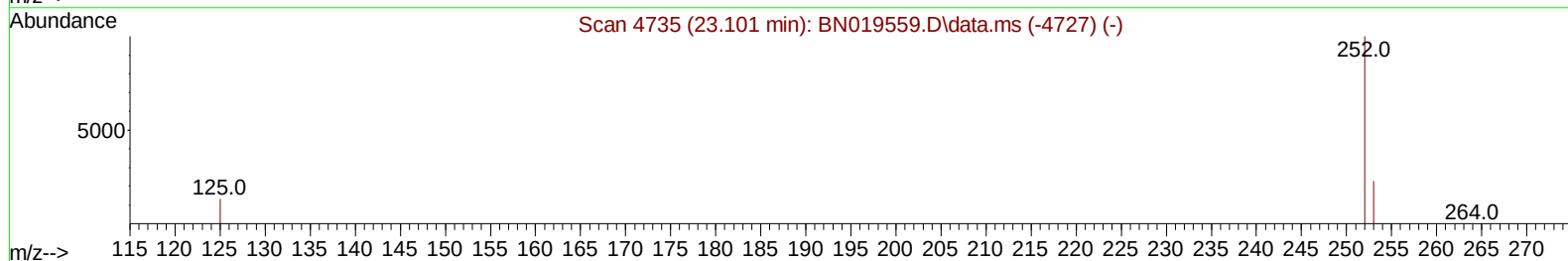
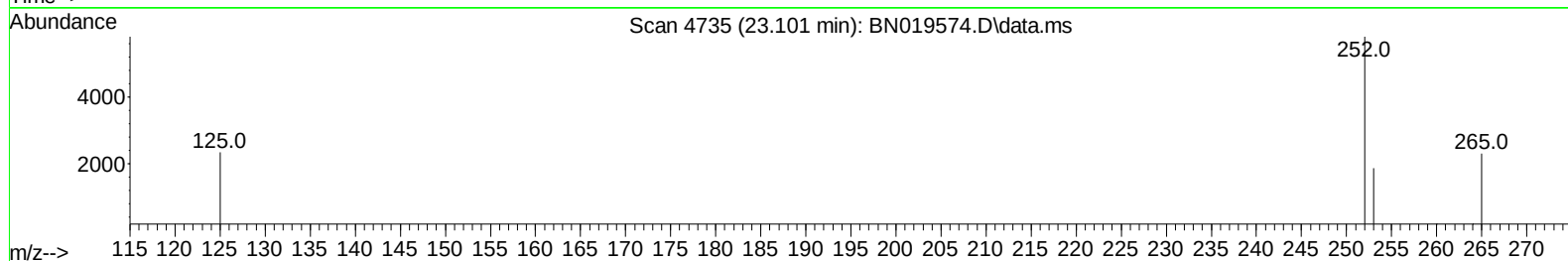
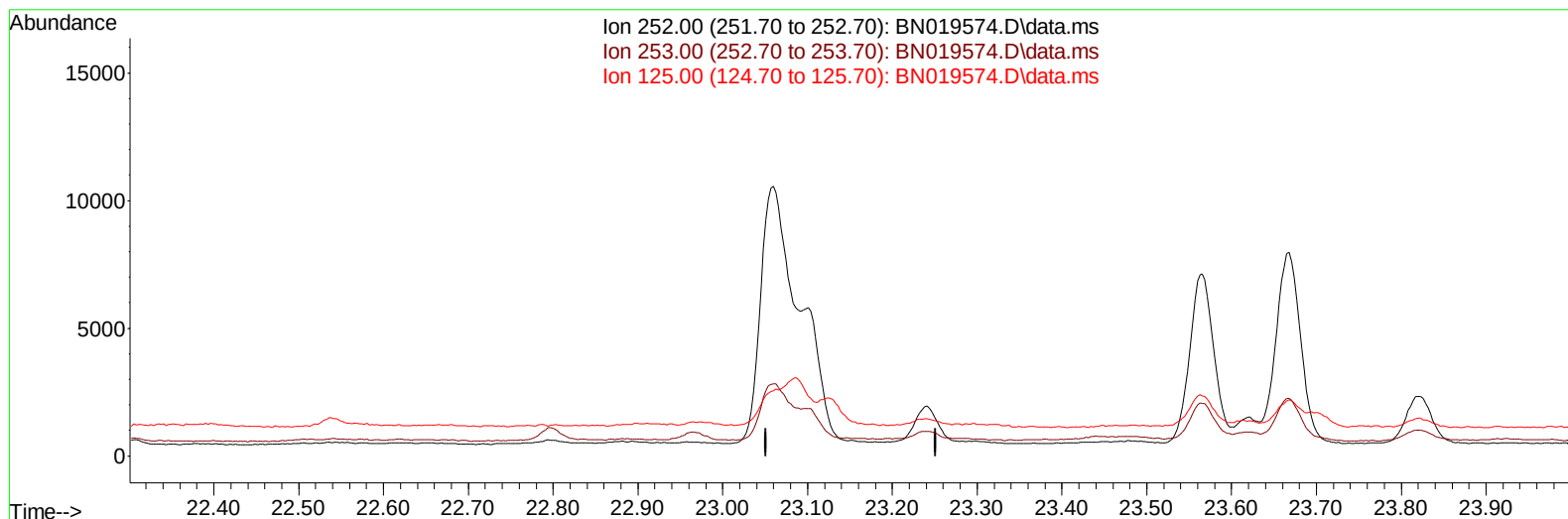
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
Data File : BN019574.D  
Acq On : 28 Apr 2022 20:01  
Operator : CG/JU  
Sample : N2469-05  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFFG7

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:24:02 2022  
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QLast Update : Thu Apr 28 13:24:26 2022  
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TIC: BN019574.D\data.ms

(25) Benzo(k)fluoranthene

23.101min (-23.101) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 25.20  | 0.00# |
| 125.00 | 13.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

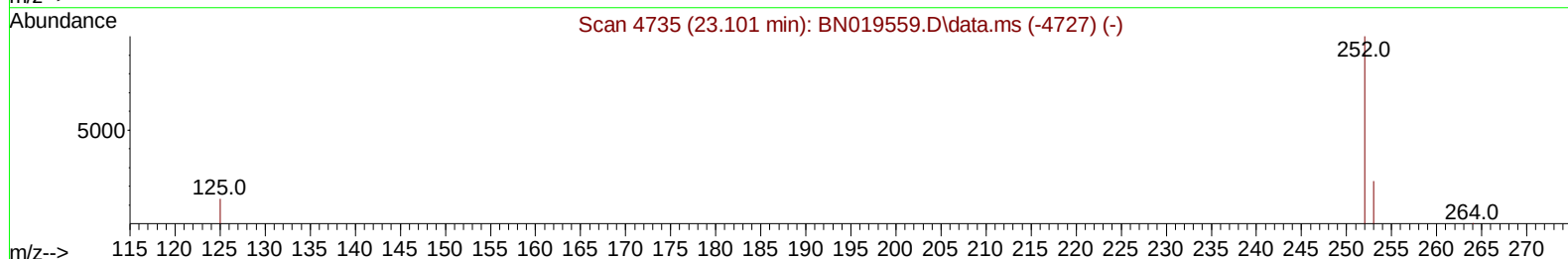
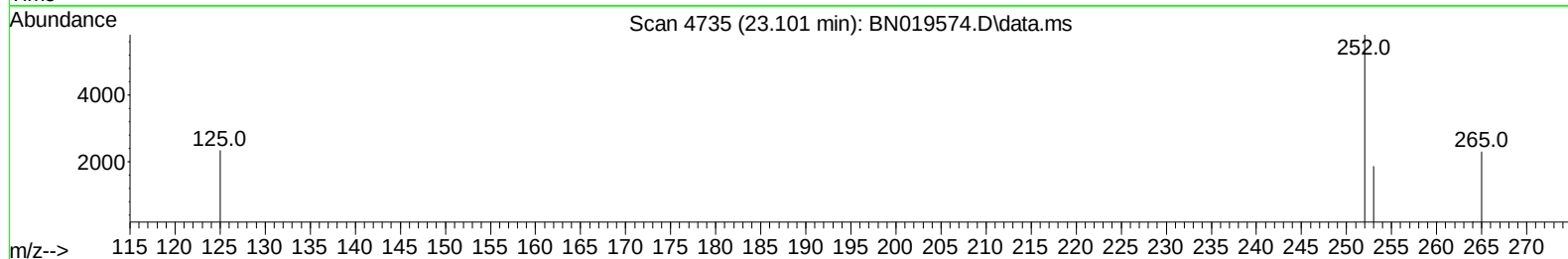
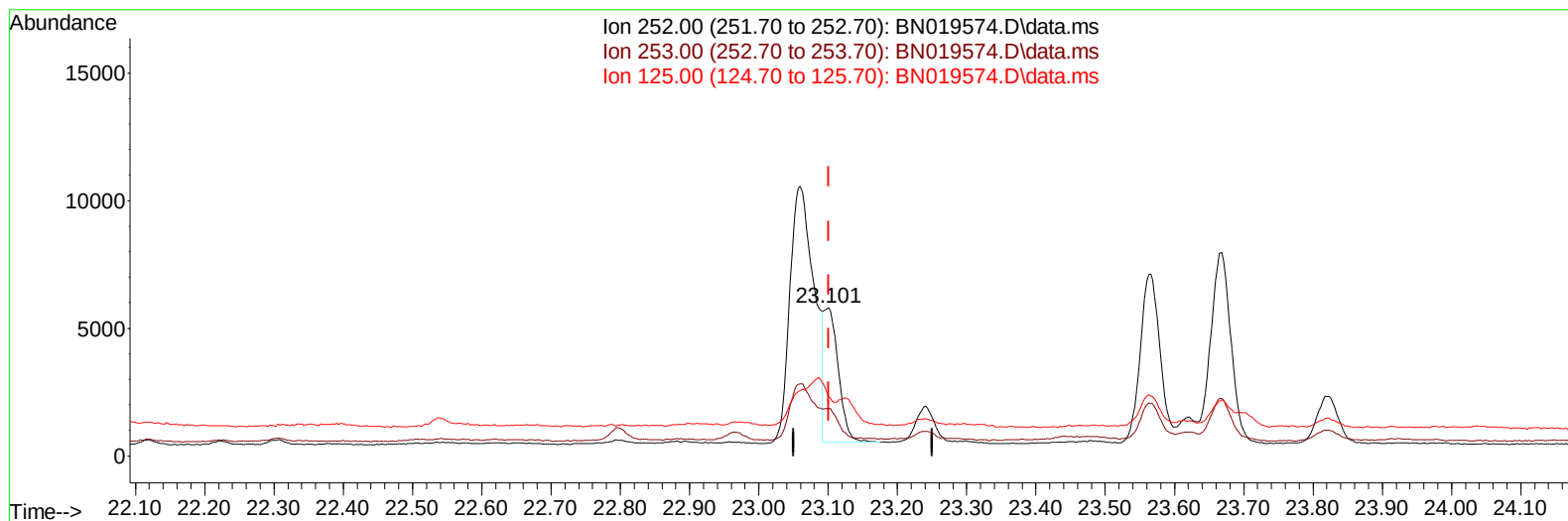
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
Data File : BN019574.D  
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Sample : N2469-05  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFFG7

Manual IntegrationsAPPROVED

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TIC: BN019574.D\data.ms

(25) Benzo(k)fluoranthene

23.101min (-0.000) 0.13 ng/ul m

response 7475

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.20  | 32.06# |
| 125.00 | 13.80  | 40.22# |
| 0.00   | 0.00   | 0.00   |

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 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.880  | 152  | 4746     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.667 | 136  | 13327    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.497 | 164  | 6999     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.234 | 188  | 14122    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.417 | 240  | 12495    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.767 | 264  | 11696    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.349  | 96   | 12675    | 2.257 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.256 | 152  | 3155     | 0.156 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.258 | 212  | 8485     | 0.215 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.716 | 128  | 1148     | 0.027 | ng/ul# | 83       |
| 7) 2-Methylnaphthalene      | 12.328 | 142  | 643      | 0.024 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.547 | 142  | 715      | 0.029 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.215 | 152  | 3522     | 0.102 | ng/ul  | 95       |
| 12) Fluorene                | 15.543 | 166  | 1318     | 0.043 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.276 | 178  | 22046    | 0.424 | ng/ul  | 99       |
| 16) Anthracene              | 17.365 | 178  | 3023     | 0.071 | ng/ul# | 93       |
| 19) Fluoranthene            | 19.290 | 202  | 35942    | 0.628 | ng/ul# | 85       |
| 20) Pyrene                  | 19.653 | 202  | 40393    | 0.708 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.403 | 228  | 15000m   | 0.321 | ng/ul  |          |
| 22) Chrysene                | 21.455 | 228  | 21116    | 0.384 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.060 | 252  | 24719m   | 0.417 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.101 | 252  | 7475m    | 0.131 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.668 | 252  | 15234    | 0.301 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.188 | 276  | 12286    | 0.195 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.198 | 278  | 3082     | 0.058 | ng/ul# | 57       |
| 29) Benzo(g,h,i)perylene    | 26.929 | 276  | 11652    | 0.202 | ng/ul# | 86       |
| -----                       |        |      |          |       |        |          |

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

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