

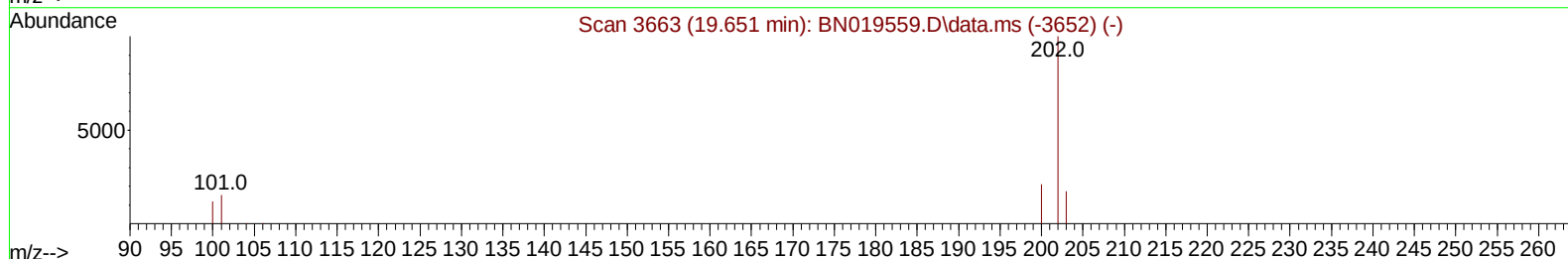
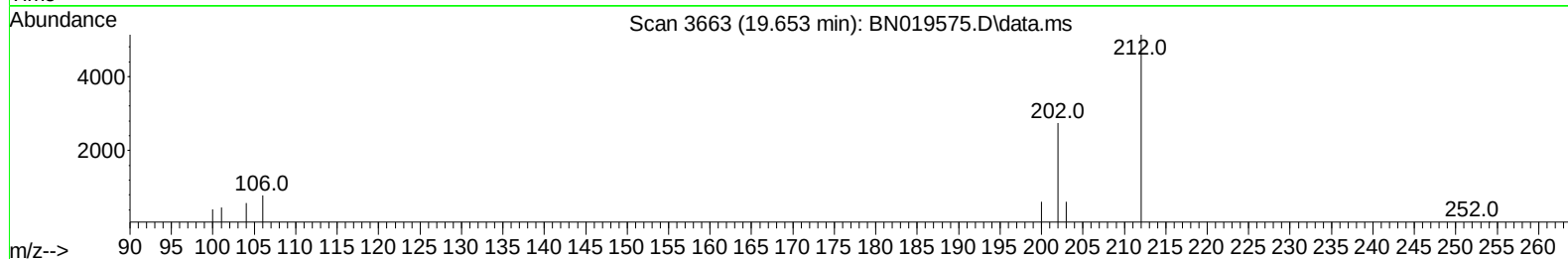
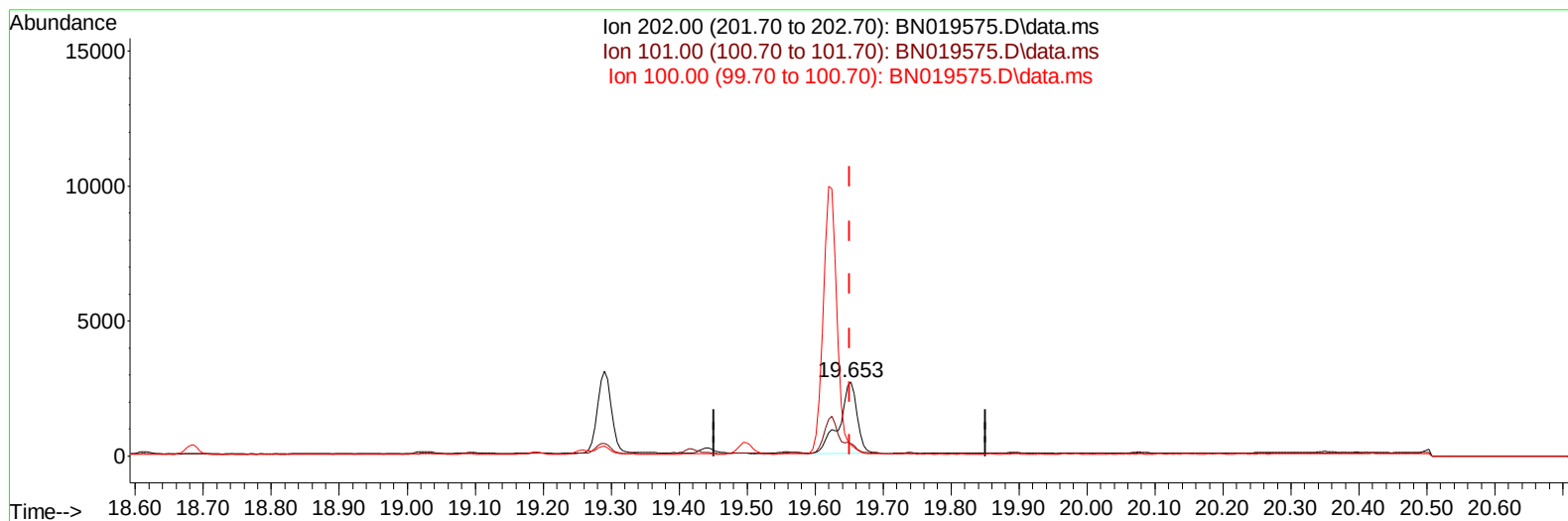
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019575.D  
 Acq On : 28 Apr 2022 20:37  
 Operator : CG/JU  
 Sample : N2470-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFG9

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:27:28 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: BN019575.D\data.ms

(20) Pyrene

19.653min (+ 0.001) 0.09 ng/u1

response 4805

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.20  | 16.95  |
| 100.00 | 11.20  | 15.23# |
| 0.00   | 0.00   | 0.00   |

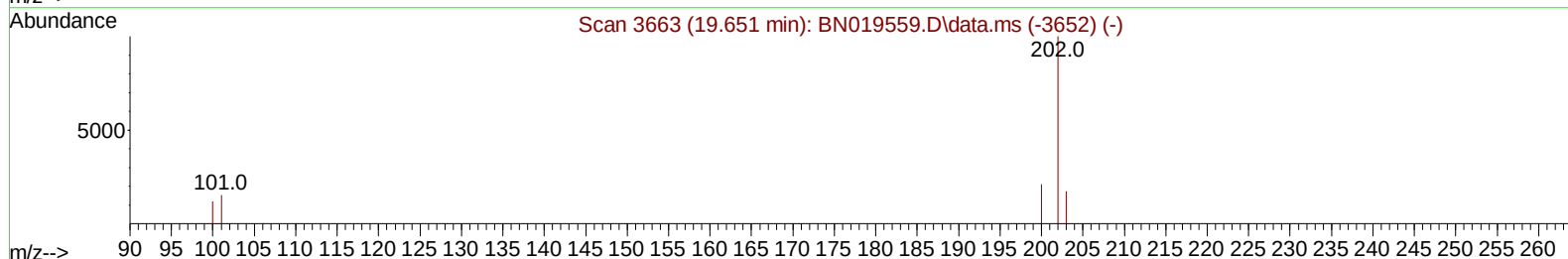
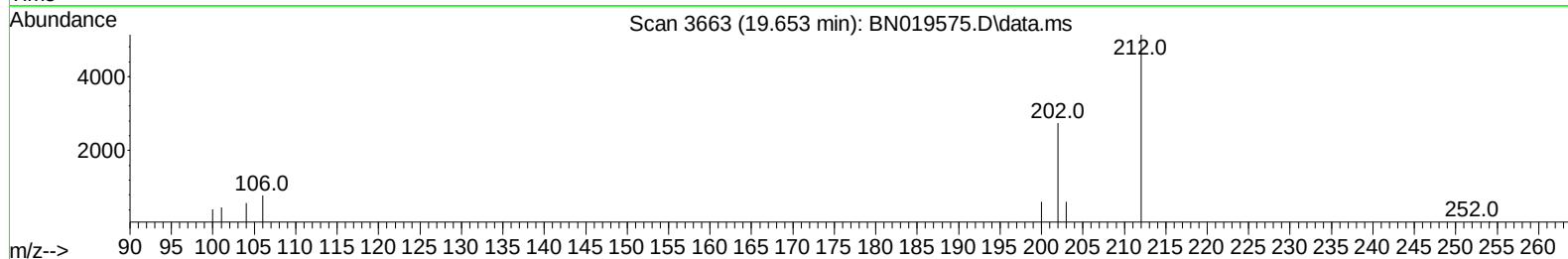
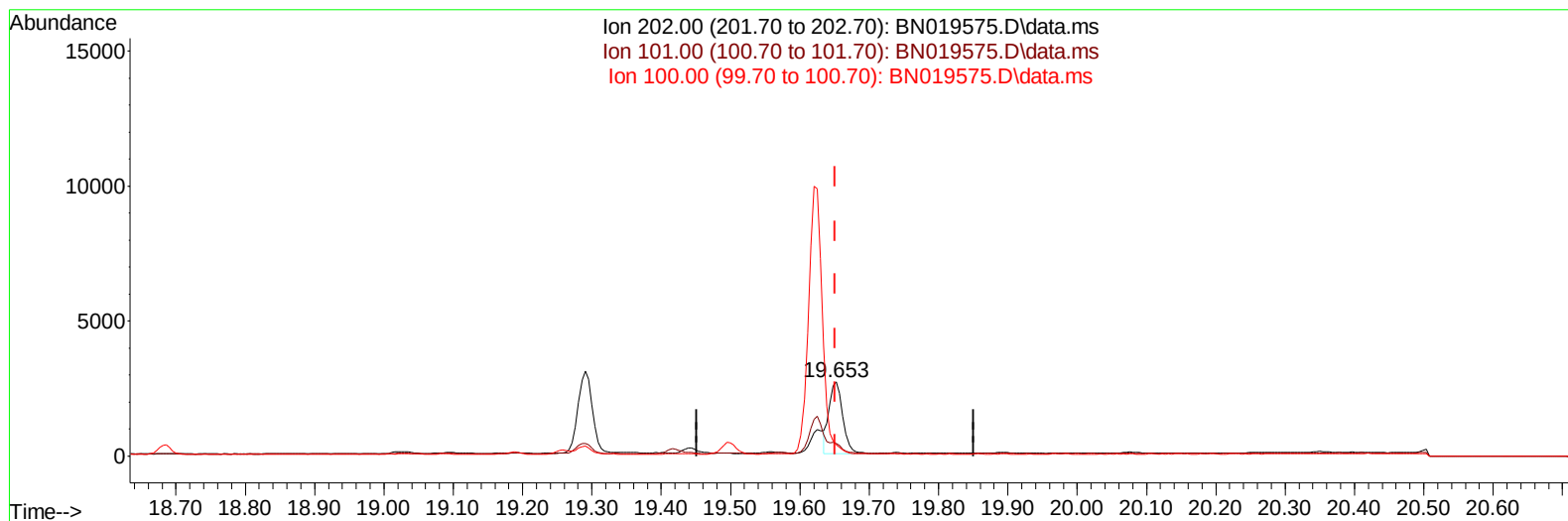
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019575.D  
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFG9

Manual IntegrationsAPPROVED

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TIC: BN019575.D\data.ms

(20) Pyrene

19.653min (+ 0.001) 0.07 ng/ul m

response 3633

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.20  | 16.95  |
| 100.00 | 11.20  | 15.23# |
| 0.00   | 0.00   | 0.00   |

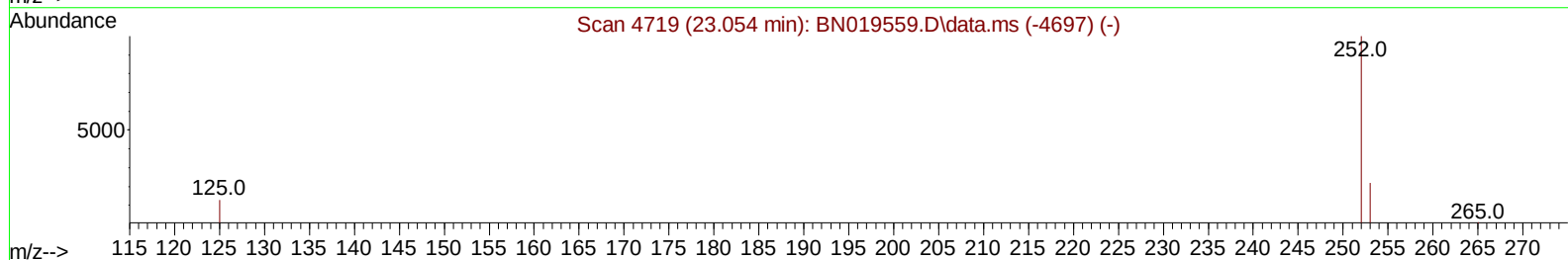
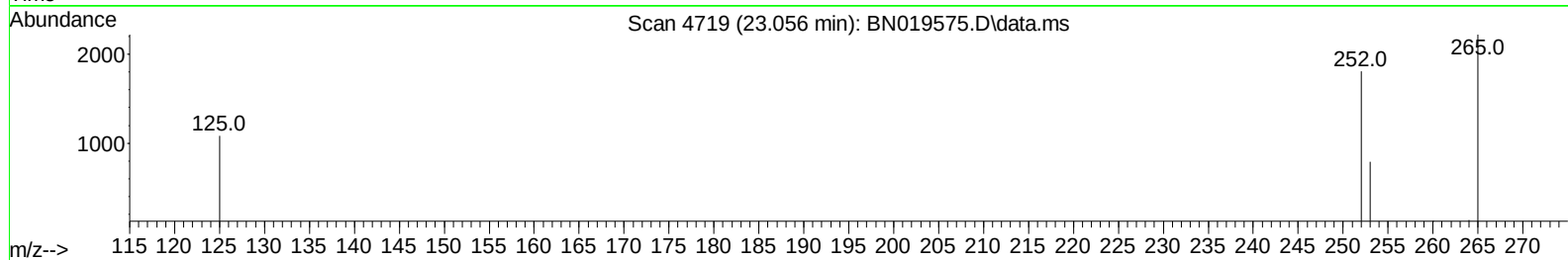
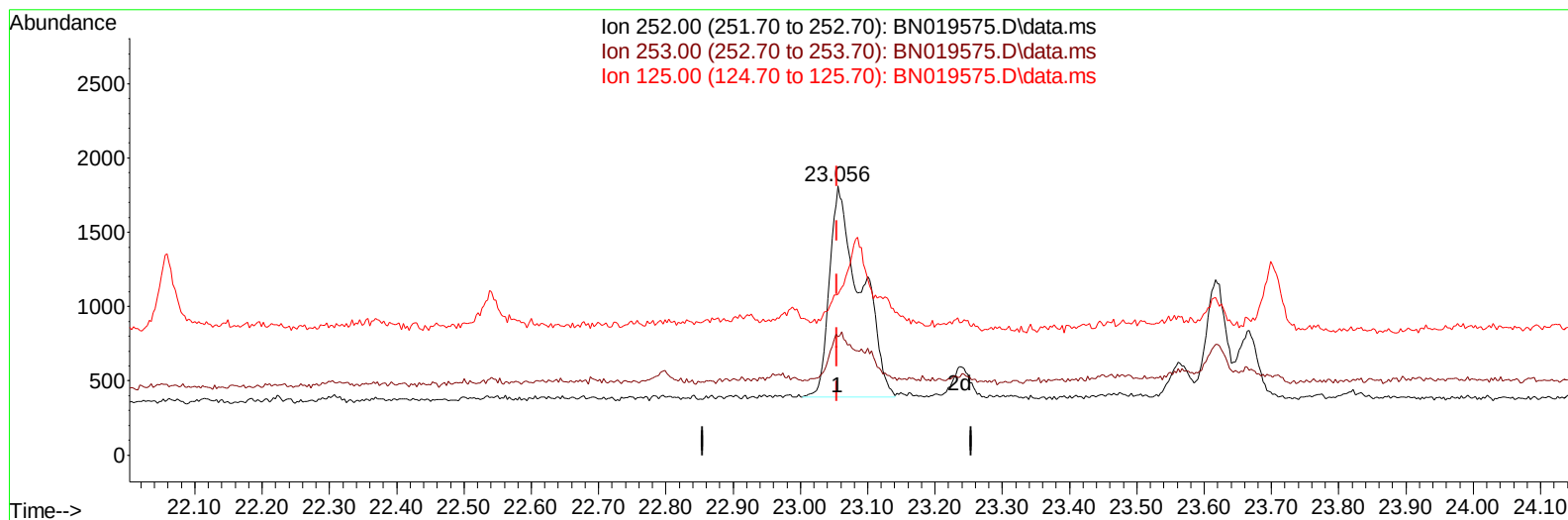
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019575.D  
 Acq On : 28 Apr 2022 20:37  
 Operator : CG/JU  
 Sample : N2470-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFG9

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:27:28 2022  
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TIC: BN019575.D\data.ms

(24) Benzo(b)fluoranthene

23.056min (+ 0.001) 0.08 ng/u1

response 4526

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 43.92  |
| 125.00 | 20.10  | 59.89# |
| 0.00   | 0.00   | 0.00   |

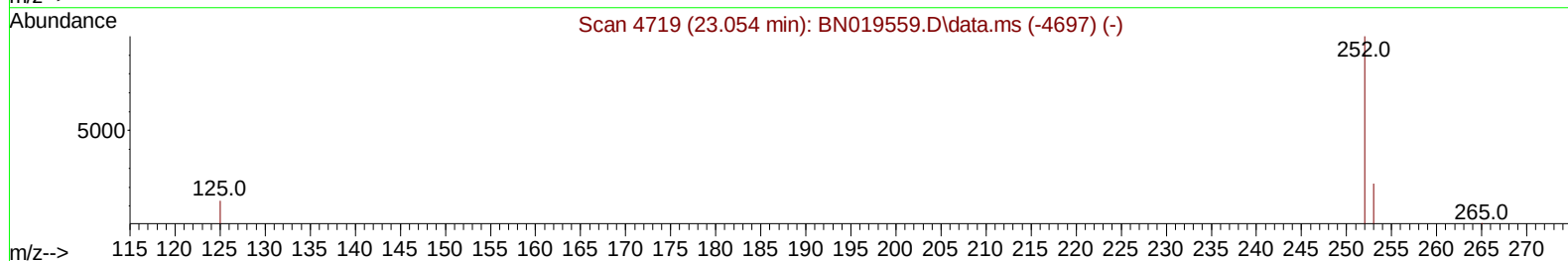
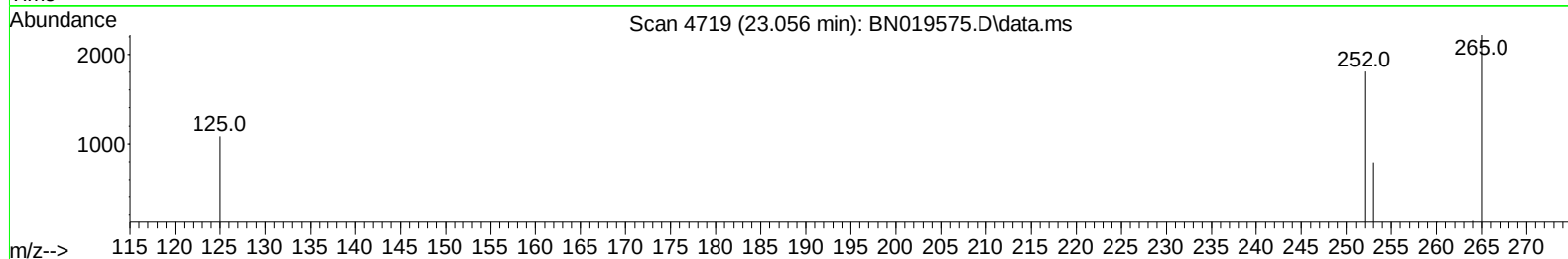
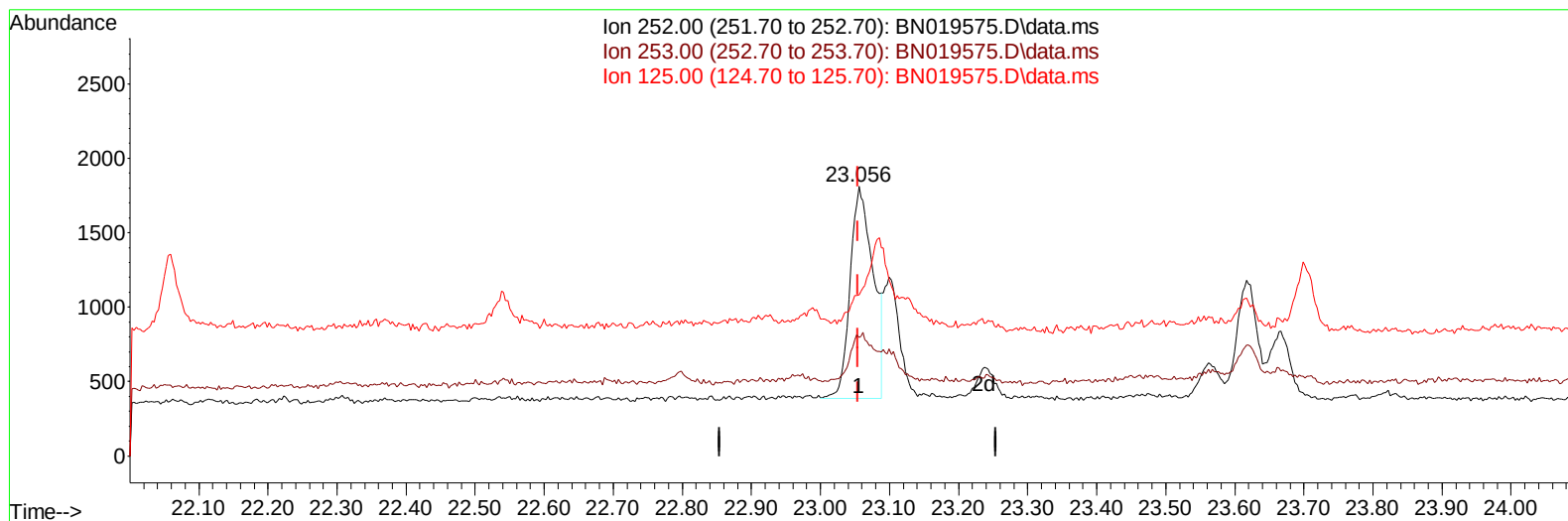
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019575.D  
 Acq On : 28 Apr 2022 20:37  
 Operator : CG/JU  
 Sample : N2470-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFG9

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:27:28 2022  
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TIC: BN019575.D\data.ms

(24) Benzo(b)fluoranthene

23.056min (+ 0.001) 0.06 ng/ul m

response 3275

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 43.92  |
| 125.00 | 20.10  | 59.89# |
| 0.00   | 0.00   | 0.00   |

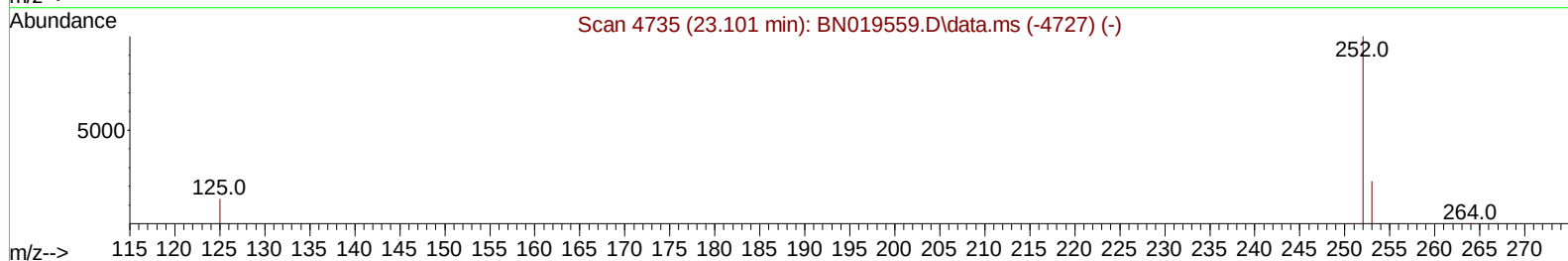
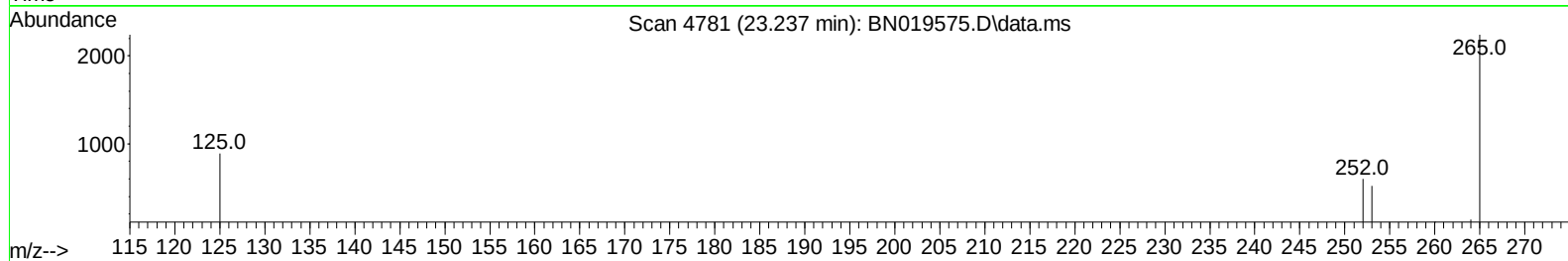
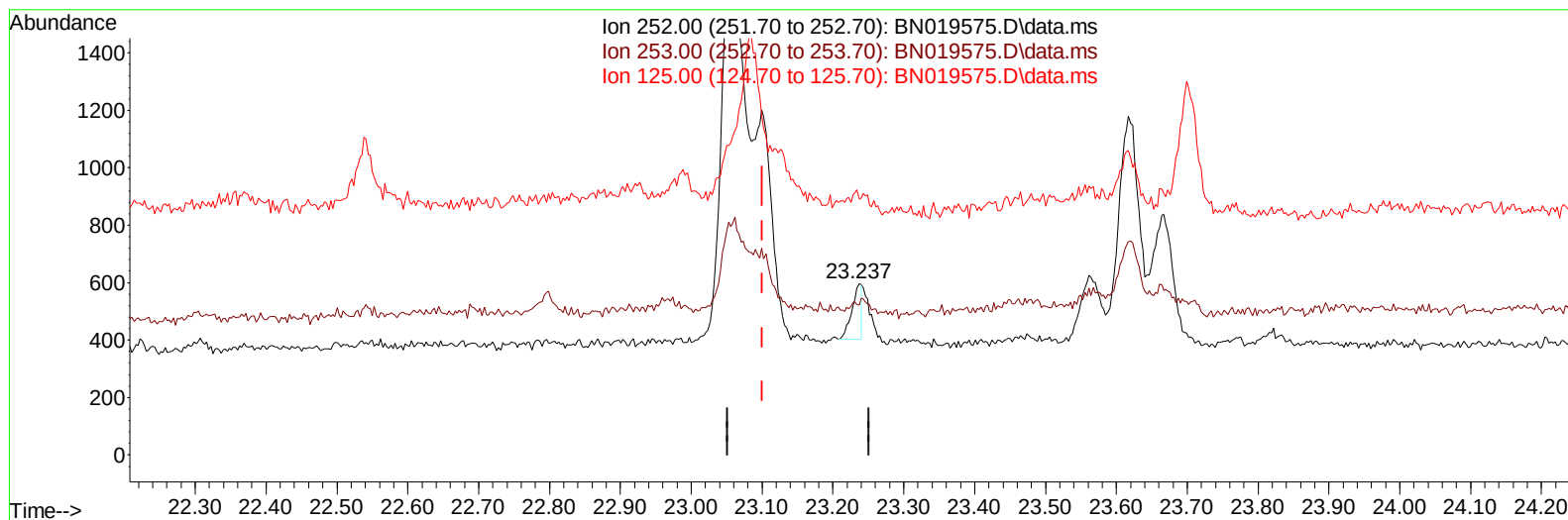
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019575.D  
 Acq On : 28 Apr 2022 20:37  
 Operator : CG/JU  
 Sample : N2470-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFG9

Manual IntegrationsAPPROVED

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TIC: BN019575.D\data.ms

**(25) Benzo(k)fluoranthene**

**23.237min (+ 0.136) 0.00 ng/u1**

**response 184**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 252.00 | 100.00 | 100.00  |
| 253.00 | 25.20  | 87.44#  |
| 125.00 | 13.80  | 149.08# |
| 0.00   | 0.00   | 0.00    |

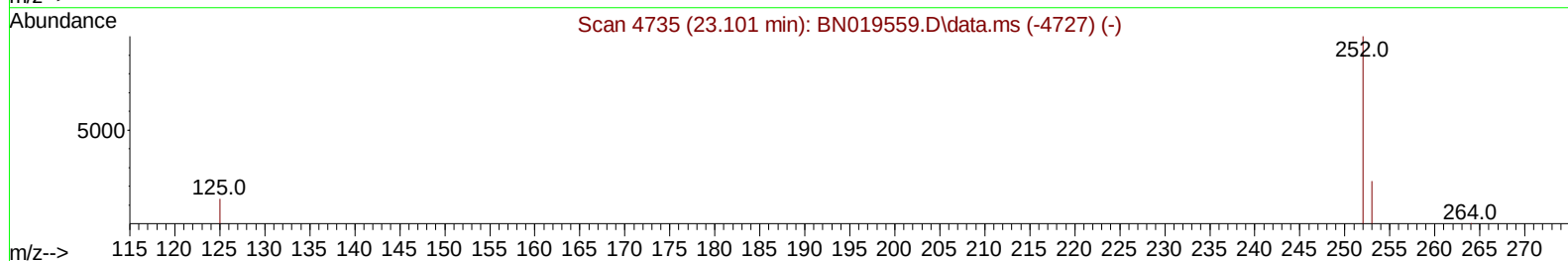
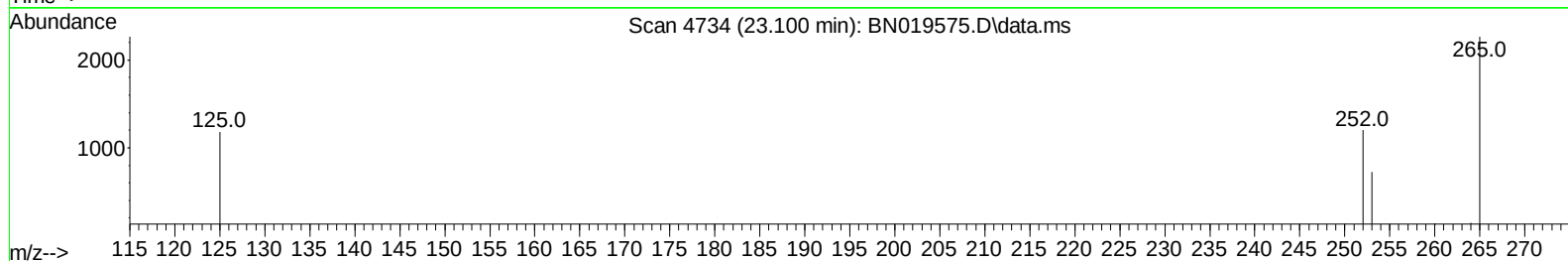
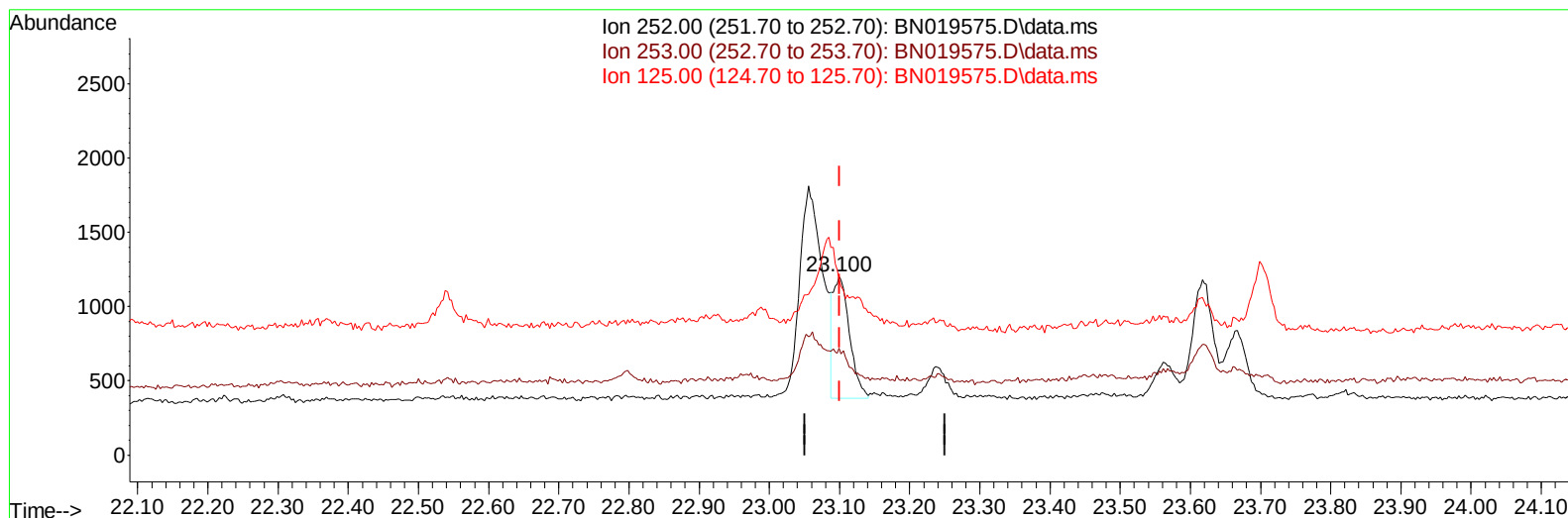
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019575.D  
 Acq On : 28 Apr 2022 20:37  
 Operator : CG/JU  
 Sample : N2470-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFG9

Manual IntegrationsAPPROVED

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TIC: BN019575.D\data.ms

(25) Benzo(k)fluoranthene

23.100min (-0.002) 0.02 ng/ul m

response 1309

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.20  | 59.98# |
| 125.00 | 13.80  | 98.50# |
| 0.00   | 0.00   | 0.00   |

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 Sample : N2470-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFG9

## Manual IntegrationsAPPROVED

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

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.880  | 152  | 4250     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.667 | 136  | 11928    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.497 | 164  | 6405     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.234 | 188  | 12801    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.419 | 240  | 11236    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.769 | 264  | 10805    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.345  | 96   | 20123    | 4.001 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.256 | 152  | 4889     | 0.271 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.262 | 212  | 12369    | 0.348 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 15) Phenanthrene            | 17.276 | 178  | 2920     | 0.062 | ng/ul  | 94       |
| 19) Fluoranthene            | 19.290 | 202  | 4426     | 0.086 | ng/ul# | 93       |
| 20) Pyrene                  | 19.653 | 202  | 3633m    | 0.071 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.401 | 228  | 2081     | 0.050 | ng/ul# | 79       |
| 22) Chrysene                | 21.454 | 228  | 2984     | 0.060 | ng/ul# | 86       |
| 24) Benzo(b)fluoranthene    | 23.056 | 252  | 3275m    | 0.060 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.100 | 252  | 1309m    | 0.025 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

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ALS Vial : 20 Sample Multiplier: 1

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