

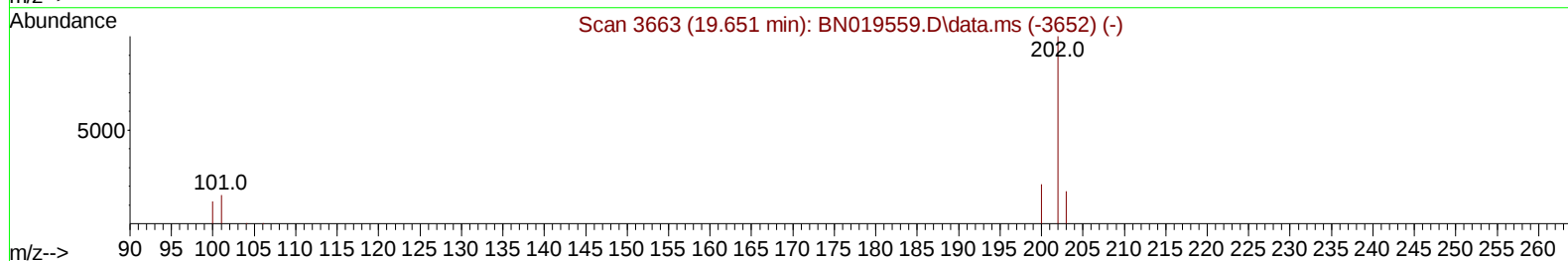
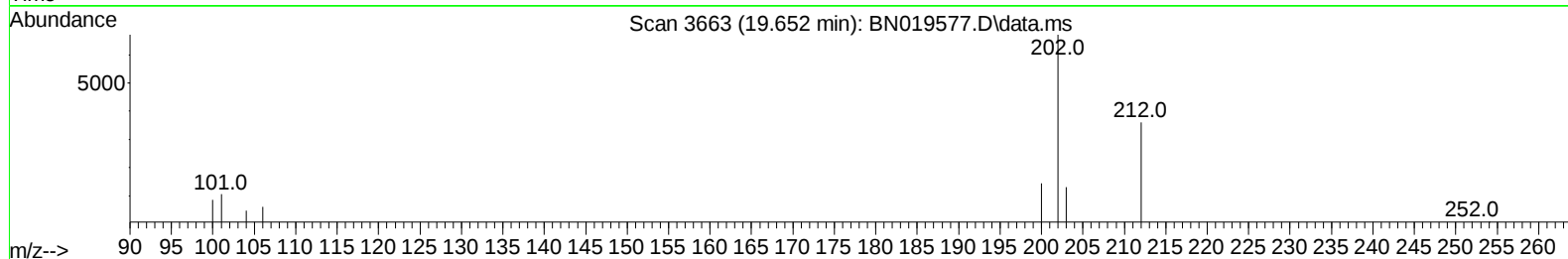
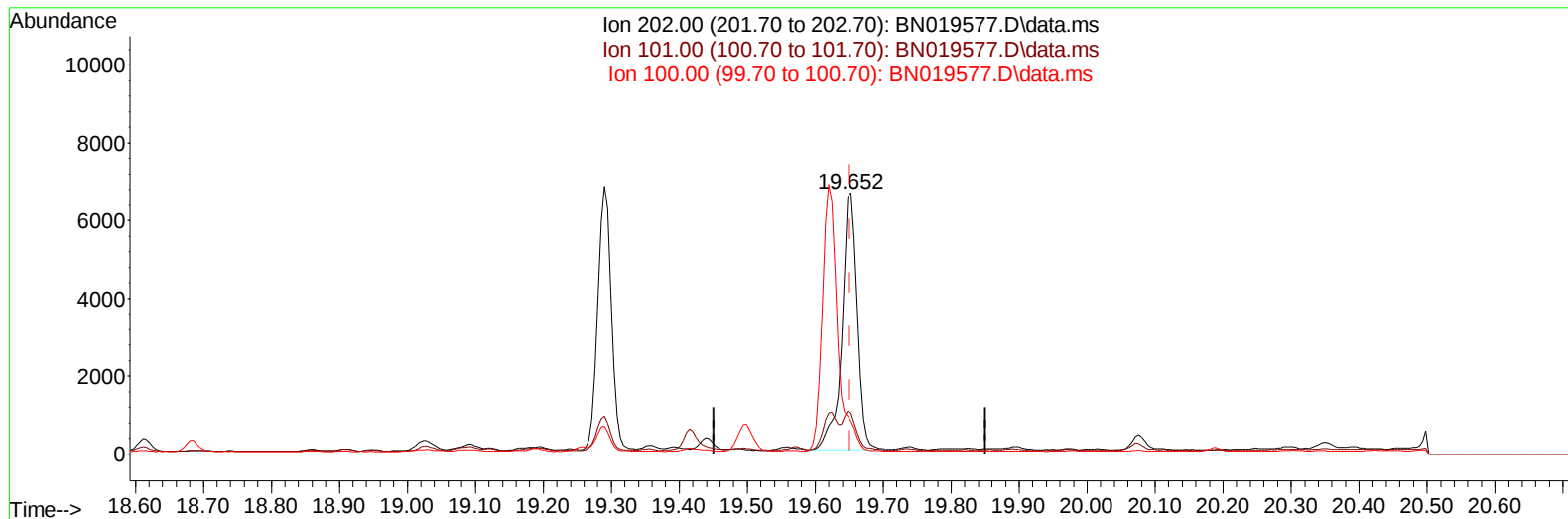
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
Data File : BN019577.D  
Acq On : 28 Apr 2022 21:49  
Operator : CG/JU  
Sample : N2470-08  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFFH5

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:33:29 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: BN019577.D\data.ms

(20) Pyrene

19.652min (+ 0.001) 0.15 ng/u1

response 10360

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.20  | 15.67  |
| 100.00 | 11.20  | 12.59  |
| 0.00   | 0.00   | 0.00   |

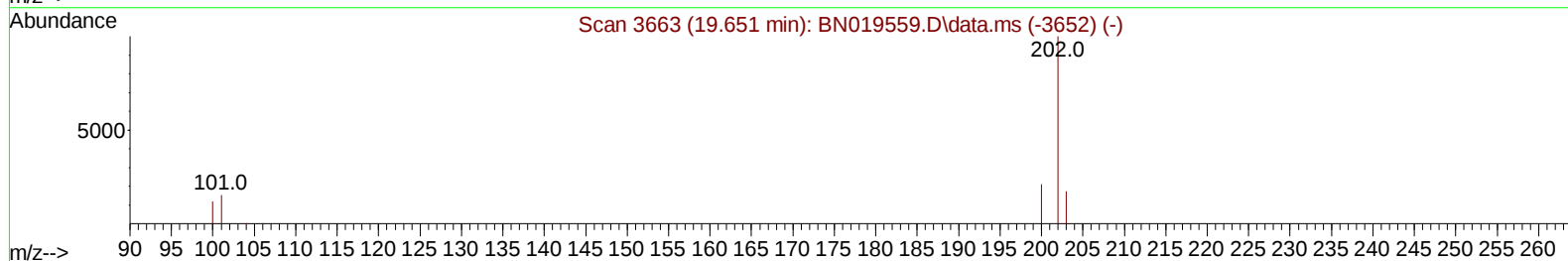
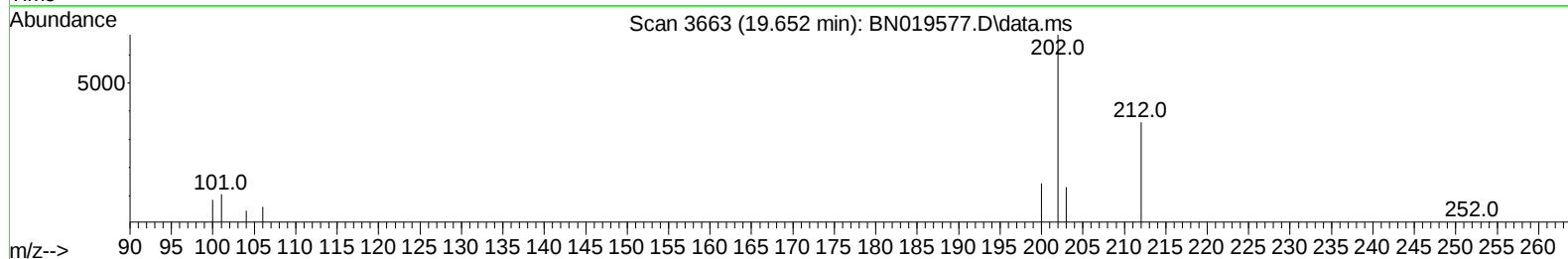
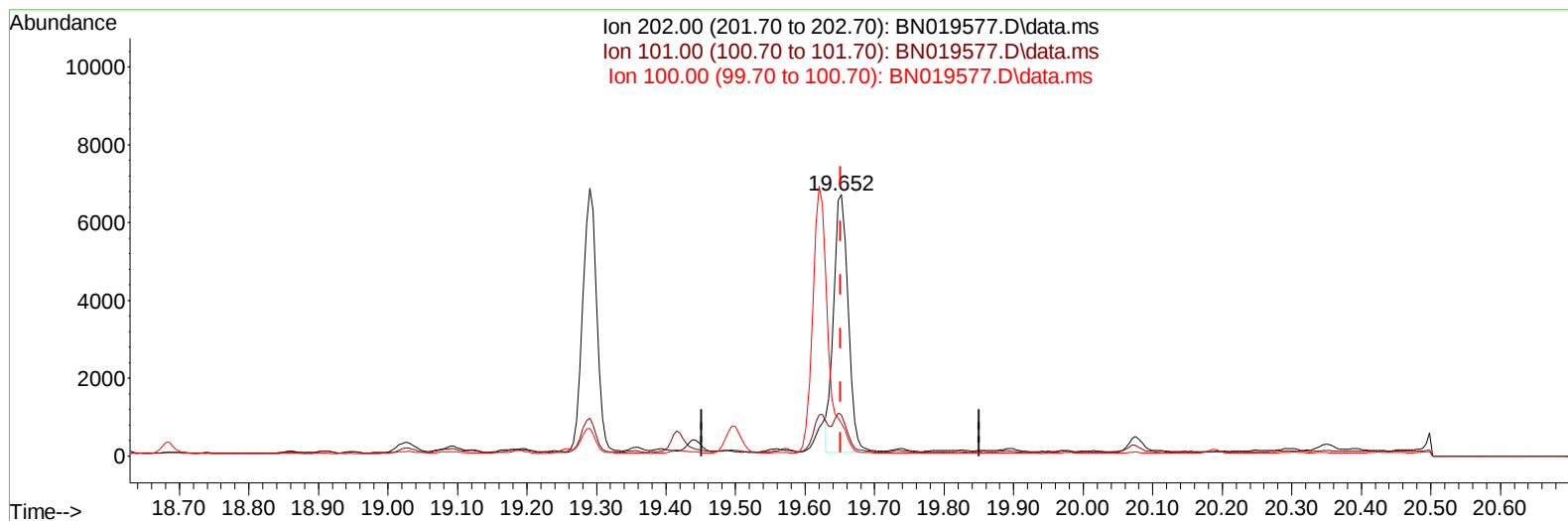
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Misc :  
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Instrument :  
BNA\_N  
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BFFH5

Manual IntegrationsAPPROVED

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TIC: BN019577.D\data.ms

(20) Pyrene

19.652min (+ 0.001) 0.14 ng/u1 m

response 9575

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.20  | 15.67  |
| 100.00 | 11.20  | 12.59  |
| 0.00   | 0.00   | 0.00   |

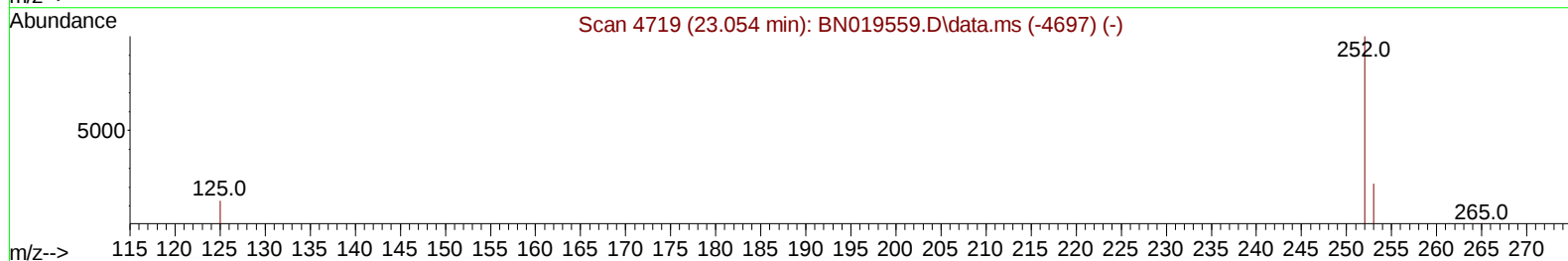
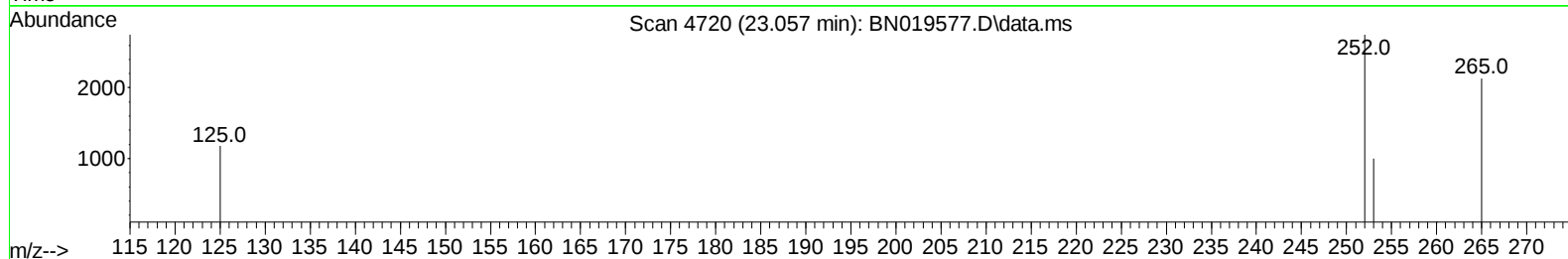
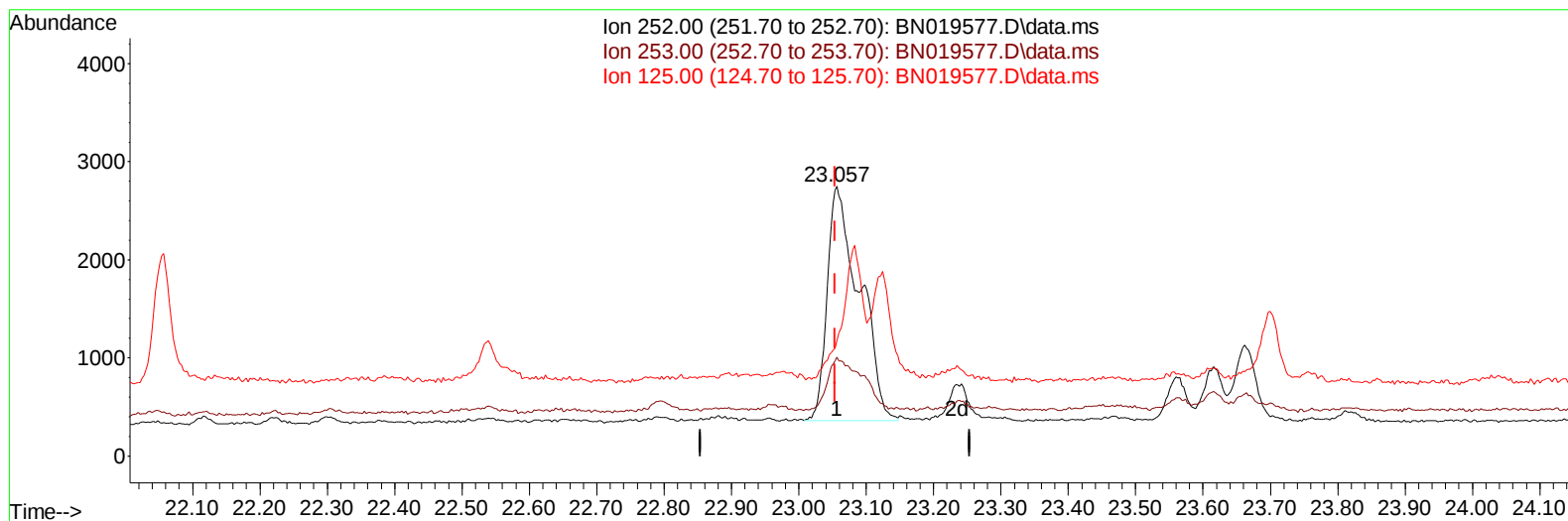
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
Data File : BN019577.D  
Acq On : 28 Apr 2022 21:49  
Operator : CG/JU  
Sample : N2470-08  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFFH5

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:33:29 2022  
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TIC: BN019577.D\data.ms

(24) Benzo(b)fluoranthene

23.057min (+ 0.002) 0.11 ng/u1

response 7922

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 36.57  |
| 125.00 | 20.10  | 42.79# |
| 0.00   | 0.00   | 0.00   |

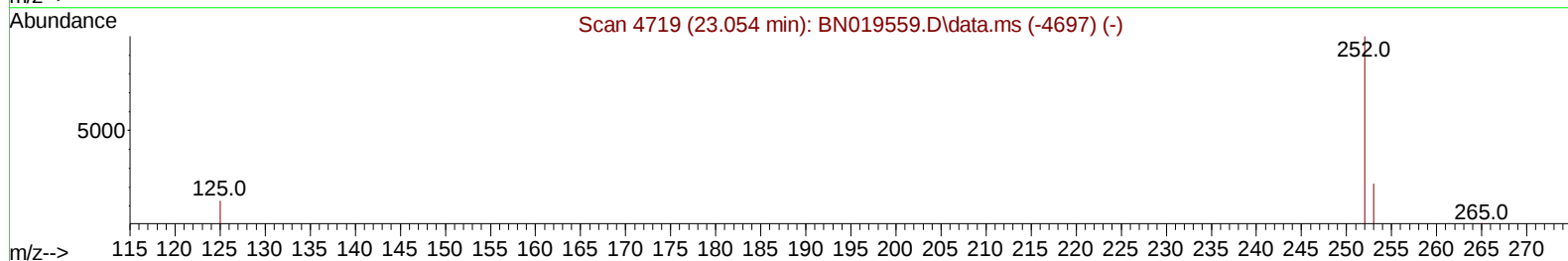
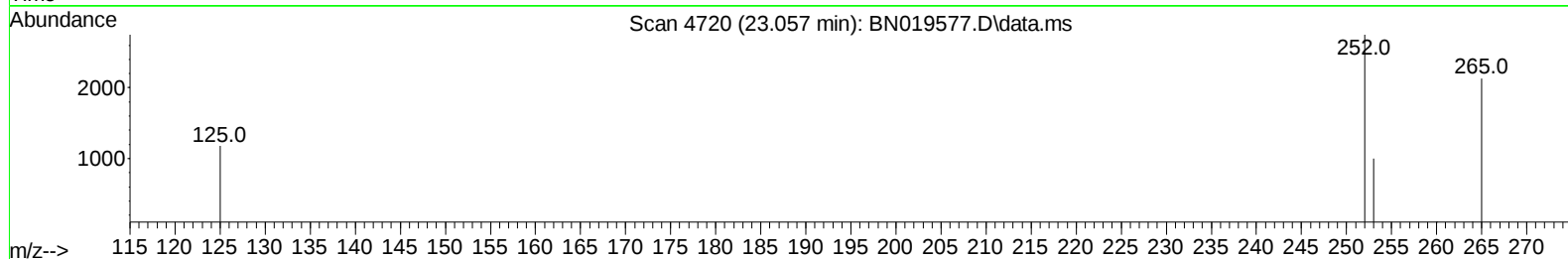
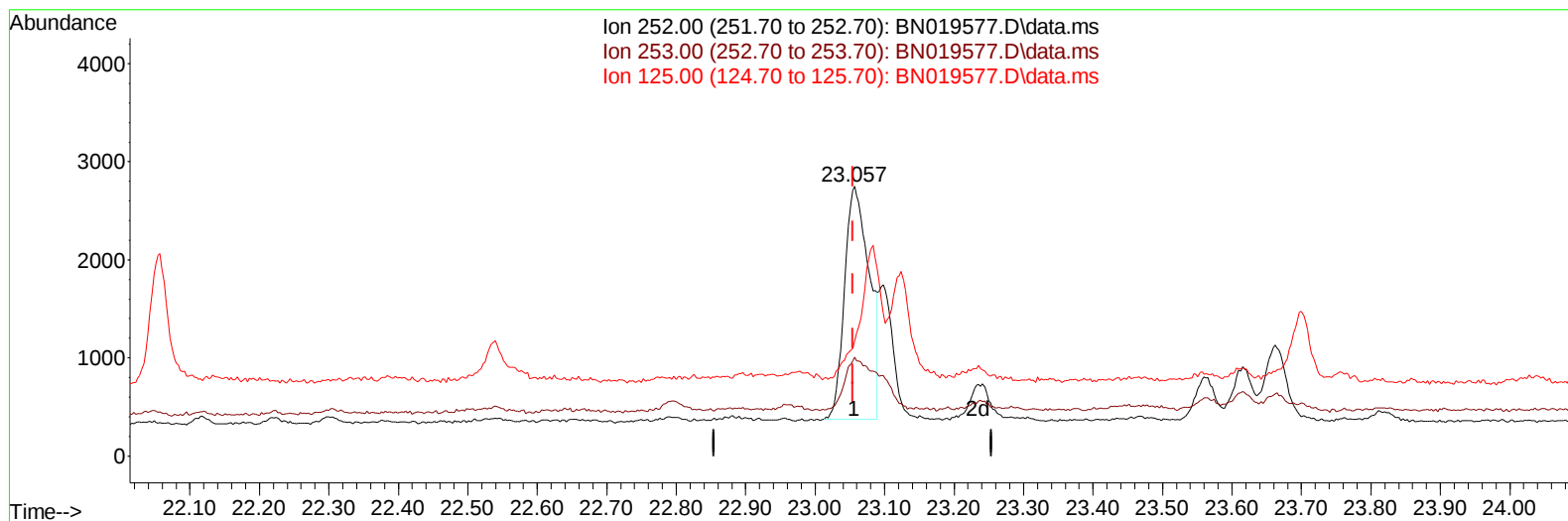
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019577.D  
 Acq On : 28 Apr 2022 21:49  
 Operator : CG/JU  
 Sample : N2470-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFH5

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:33:29 2022  
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TIC: BN019577.D\data.ms

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

23.057min (+ 0.002) 0.08 ng/u1 m

response 5893

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 36.57  |
| 125.00 | 20.10  | 42.79# |
| 0.00   | 0.00   | 0.00   |

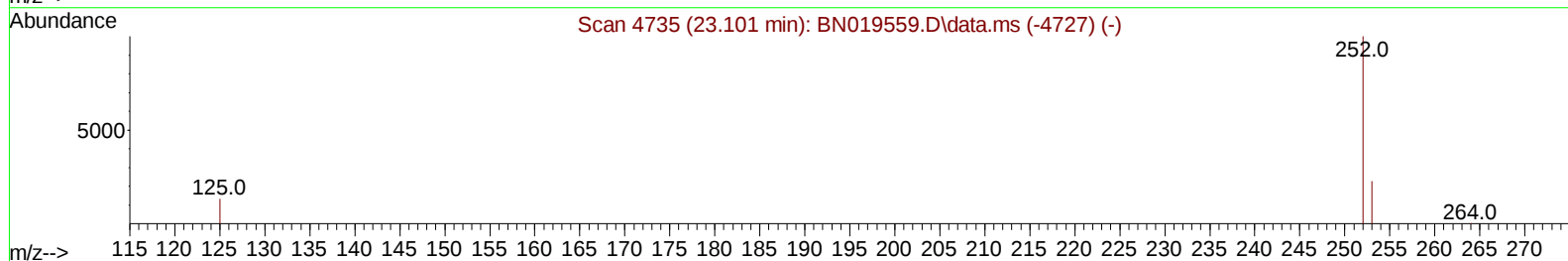
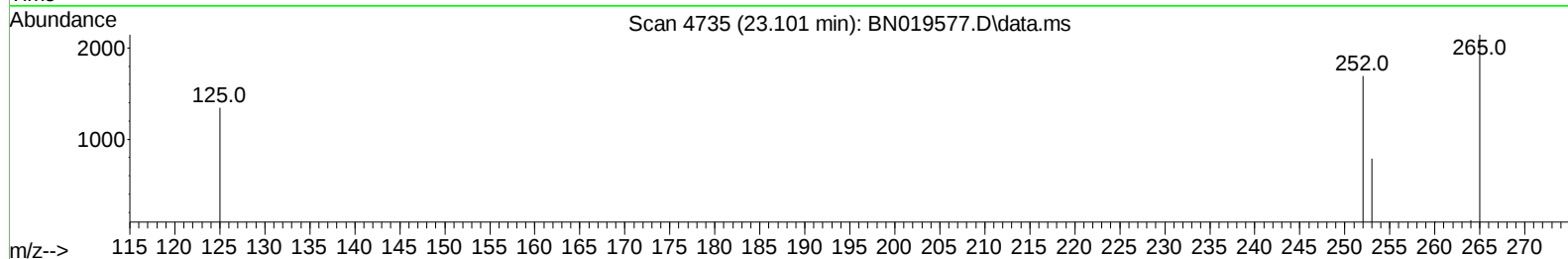
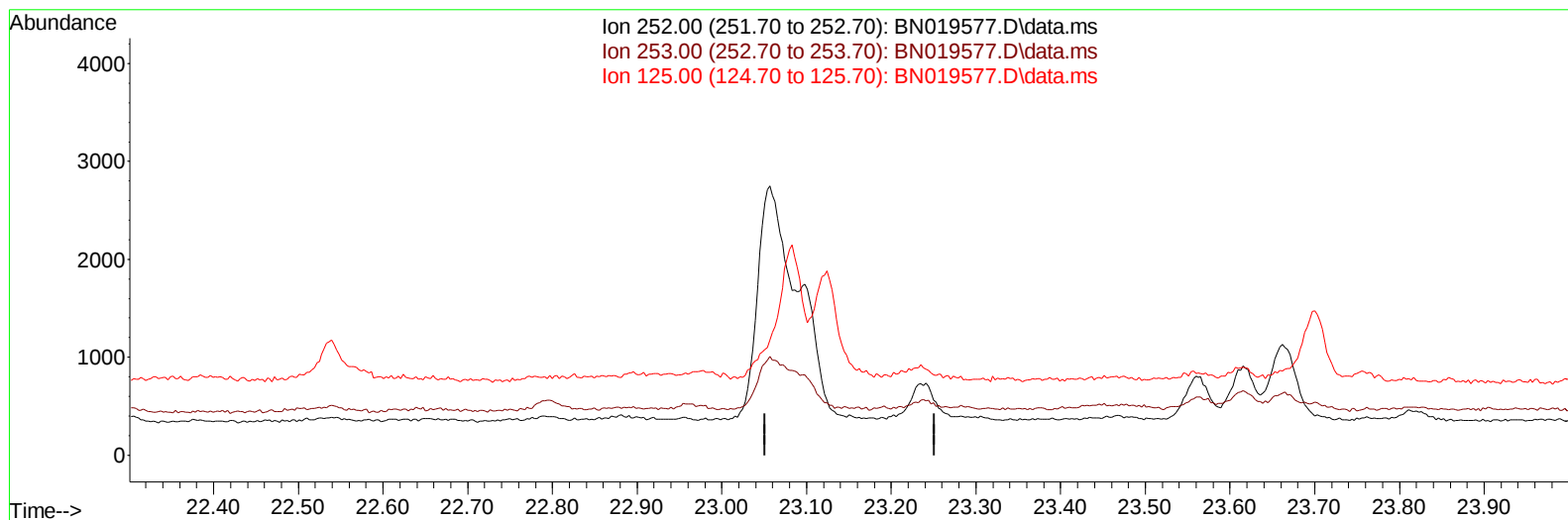
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019577.D  
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 Operator : CG/JU  
 Sample : N2470-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFH5

Manual IntegrationsAPPROVED

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TIC: BN019577.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  |

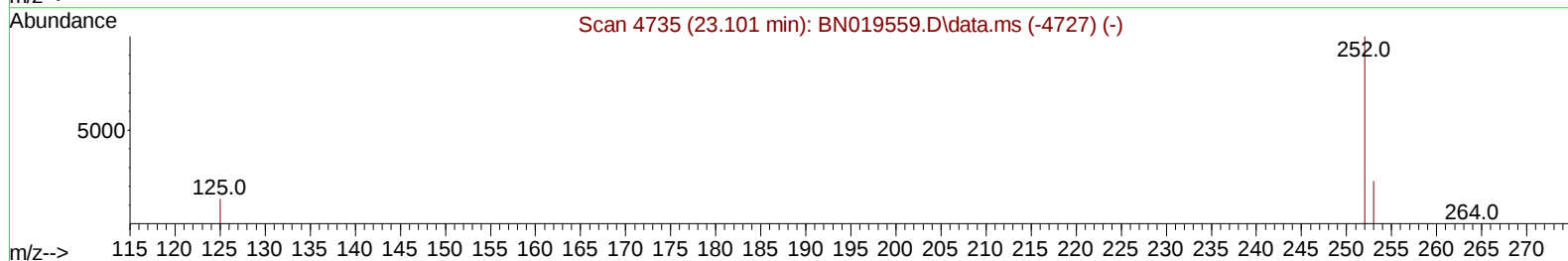
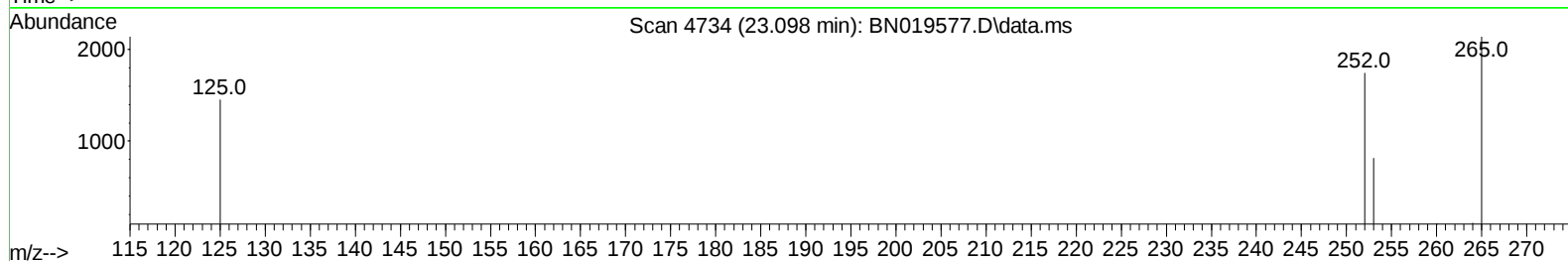
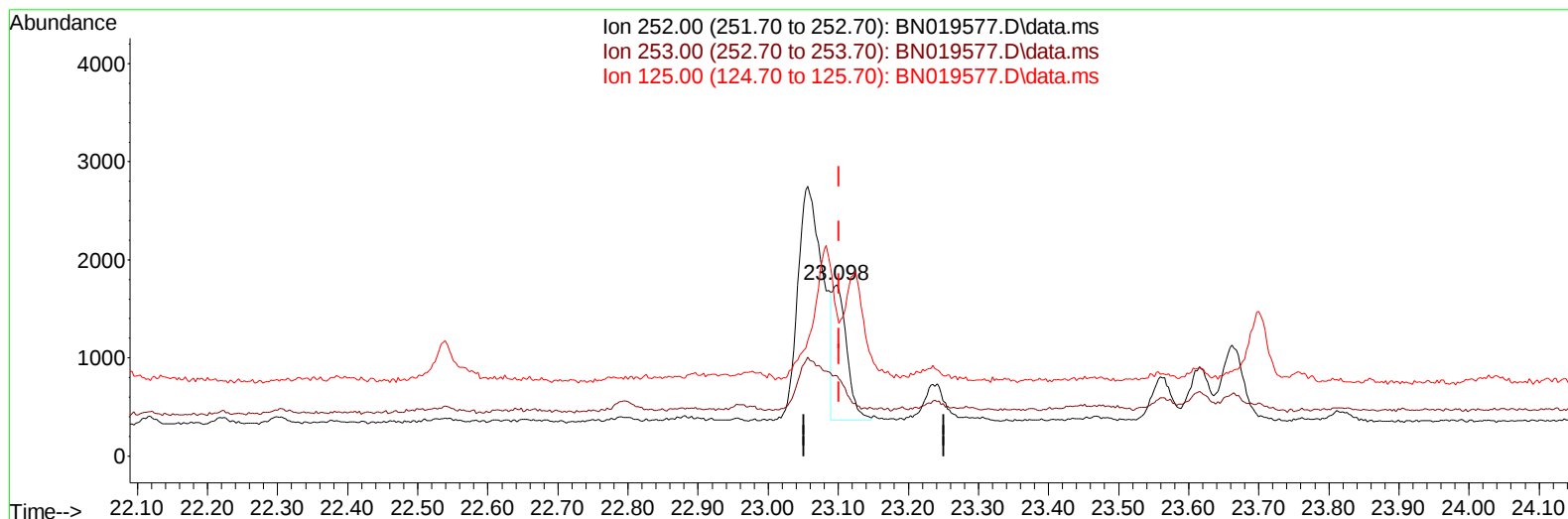
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 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFH5

Manual IntegrationsAPPROVED

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TIC: BN019577.D\data.ms

(25) Benzo(k)fluoranthene

23.098min (-0.003) 0.03 ng/u1 m

response 1970

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.20  | 46.88# |
| 125.00 | 13.80  | 83.50# |
| 0.00   | 0.00   | 0.00   |

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 Sample : N2470-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFH5

## 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  | 5228     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.667 | 136  | 15733    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.497 | 164  | 8523     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.234 | 188  | 17062    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.414 | 240  | 14756    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.764 | 264  | 13958    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.349  | 96   | 12490    | 2.019 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.256 | 152  | 3231     | 0.136 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.257 | 212  | 8770     | 0.188 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.276 | 178  | 9462     | 0.151 | ng/ul  | 99       |
| 16) Anthracene              | 17.365 | 178  | 1201     | 0.023 | ng/ul# | 84       |
| 19) Fluoranthene            | 19.290 | 202  | 9330     | 0.138 | ng/ul  | 96       |
| 20) Pyrene                  | 19.652 | 202  | 9575m    | 0.142 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.400 | 228  | 4626     | 0.084 | ng/ul# | 92       |
| 22) Chrysene                | 21.452 | 228  | 6569     | 0.101 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.057 | 252  | 5893m    | 0.083 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.098 | 252  | 1970m    | 0.029 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.662 | 252  | 1594     | 0.026 | ng/ul# | 39       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.181 | 276  | 1672     | 0.022 | ng/ul# | 70       |
| -----                       |        |      |          |       |        |          |

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

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