

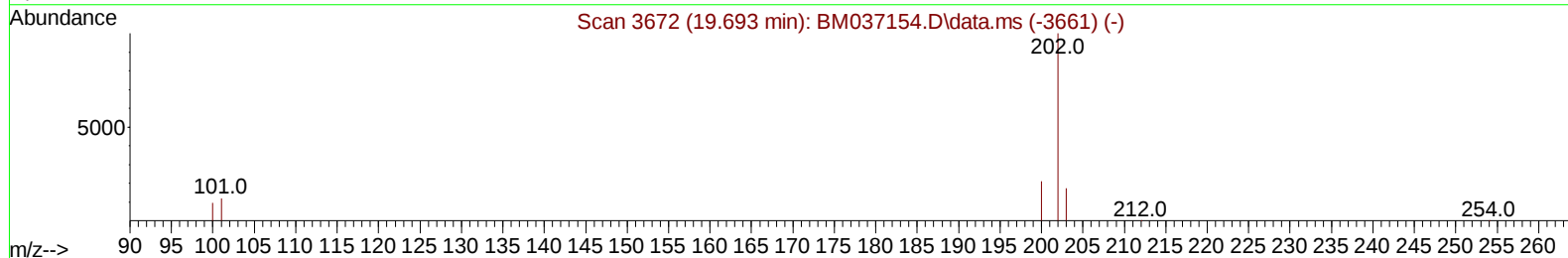
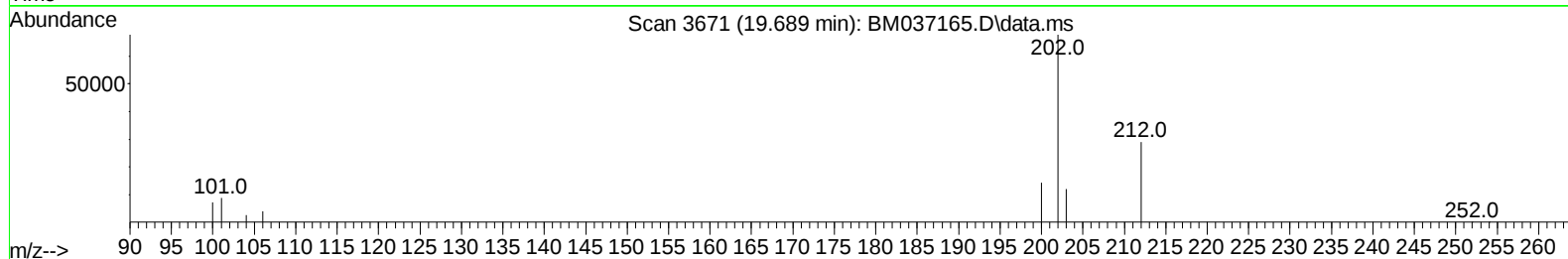
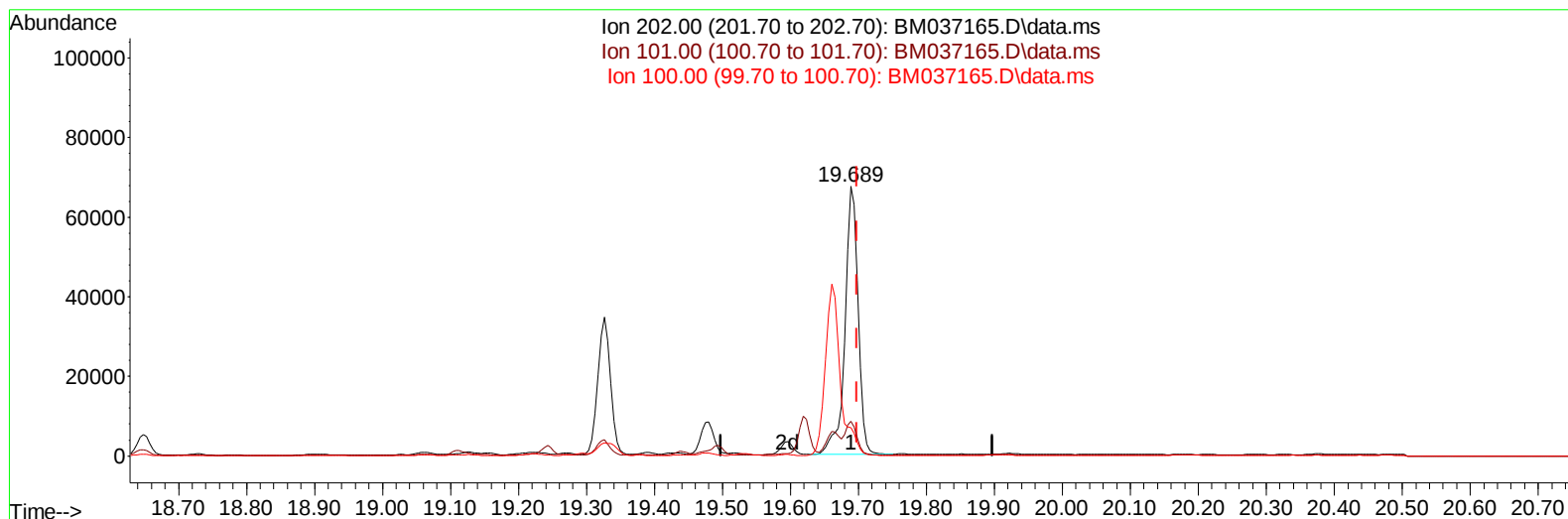
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
 Data File : BM037165.D  
 Acq On : 21 Oct 2022 08:39  
 Operator : CG/JU  
 Sample : N5015-14  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C1BF0

Manual IntegrationsAPPROVED

Quant Time: Oct 22 02:30:40 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 20 02:11:25 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/24/2022  
 Supervised By :mohammad ahmed 10/24/2022



TIC: BM037165.D\data.ms

(20) Pyrene

19.689min (-0.009) 1.09 ng/u1

response 90239

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 12.10  | 12.89  |
| 100.00 | 9.80   | 10.57  |
| 0.00   | 0.00   | 0.00   |

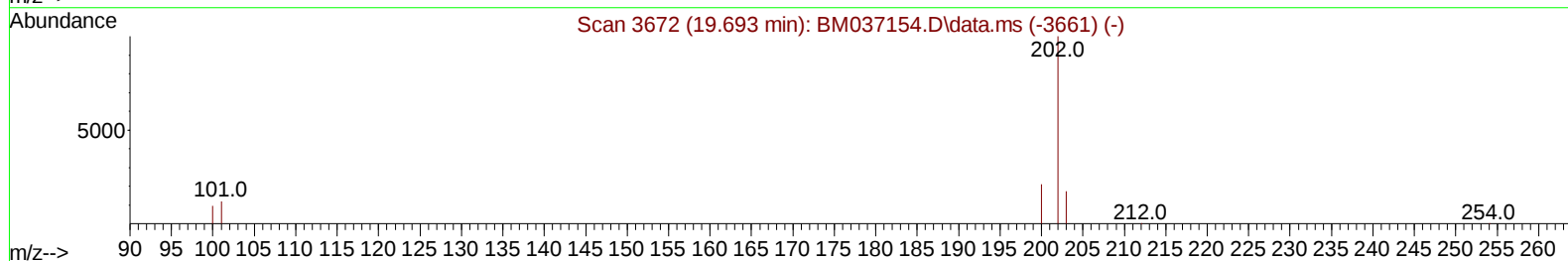
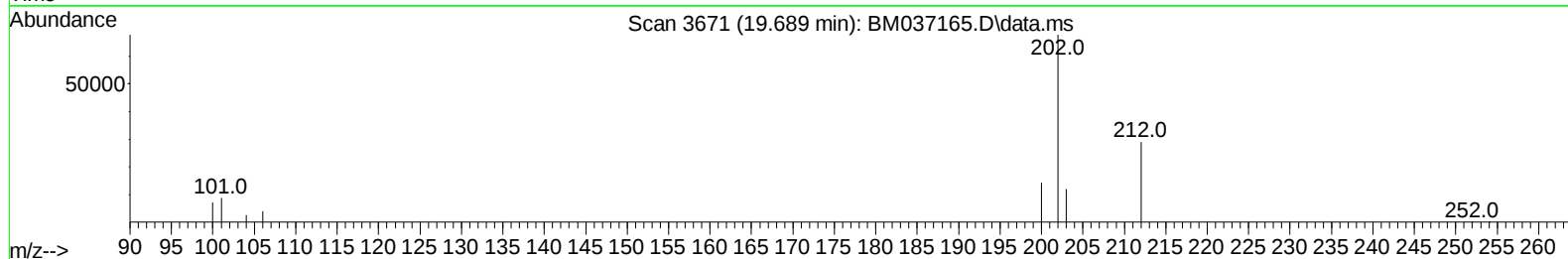
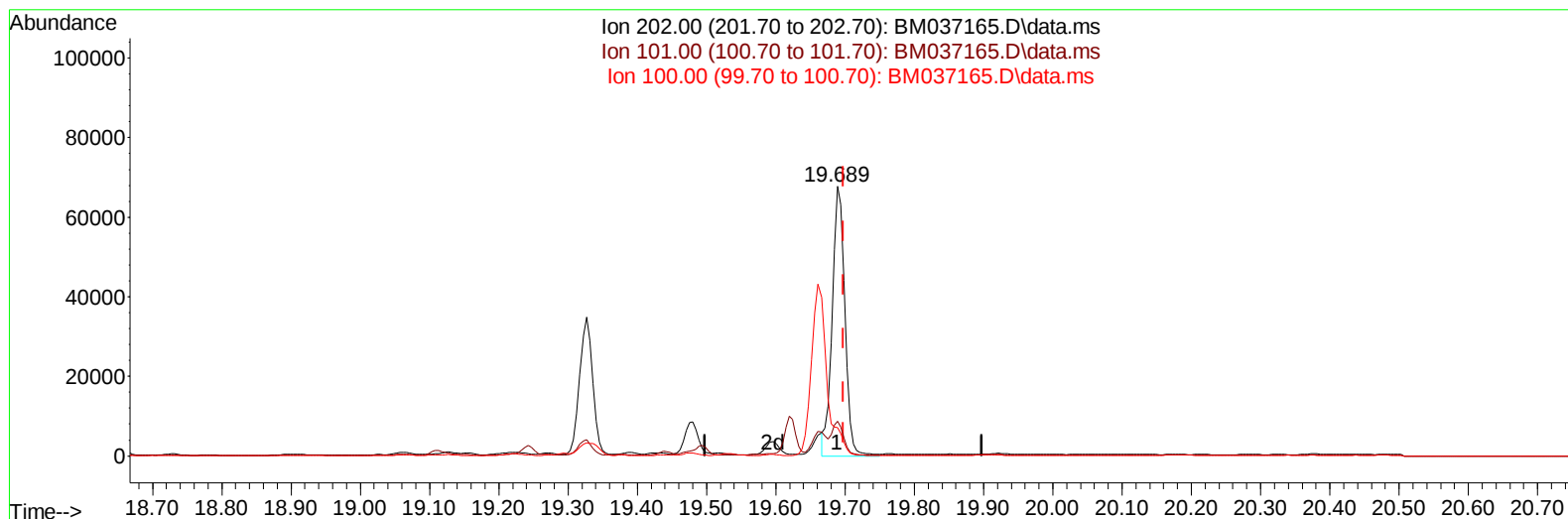
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Instrument :  
BNA\_M  
ClientSampleId :  
C1BF0

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 10/24/2022



TIC: BM037165.D\data.ms

(20) Pyrene

19.689min (-0.009) 1.06 ng/ul m

response 87370

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 12.10  | 12.89  |
| 100.00 | 9.80   | 10.57  |
| 0.00   | 0.00   | 0.00   |

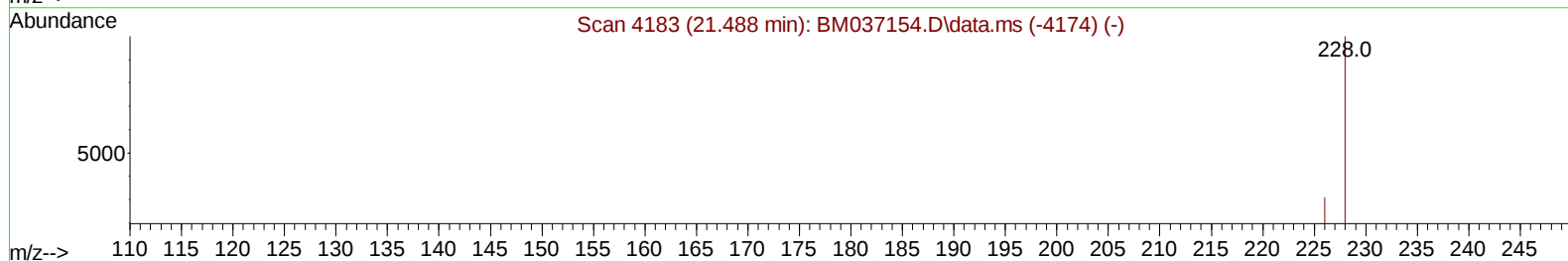
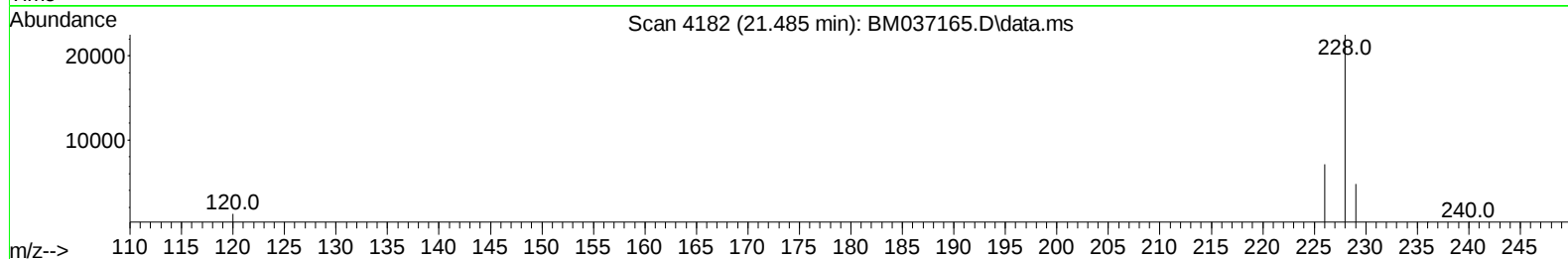
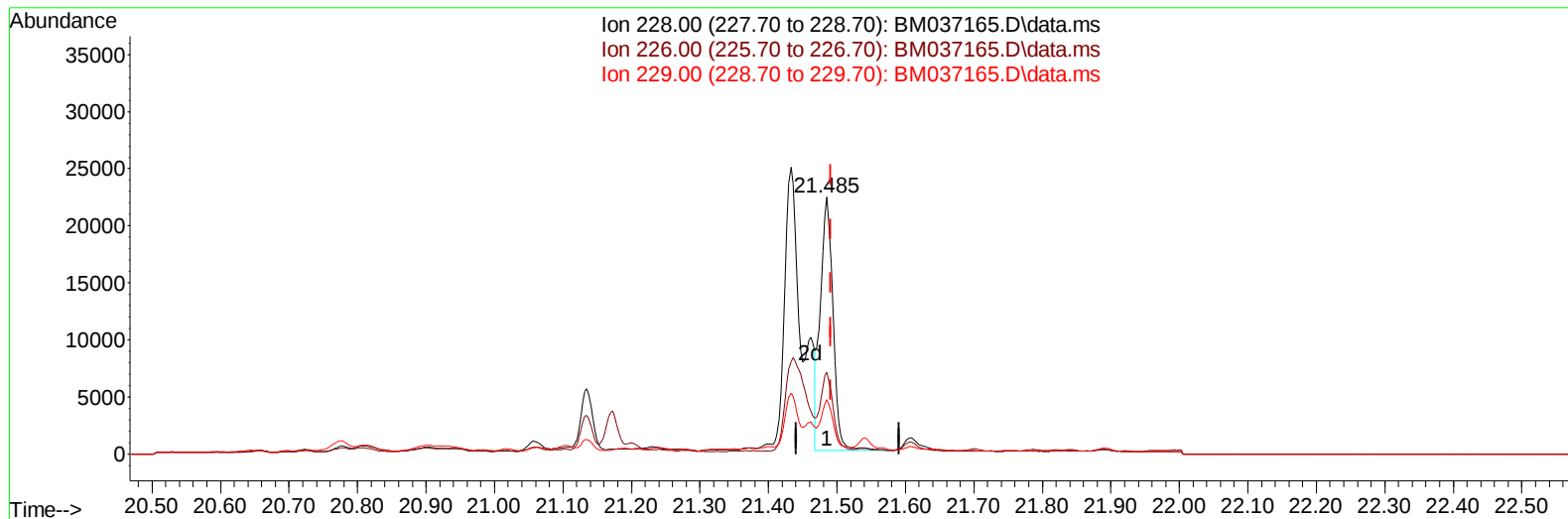
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
Data File : BM037165.D  
Acq On : 21 Oct 2022 08:39  
Operator : CG/JU  
Sample : N5015-14  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C1BF0

Manual IntegrationsAPPROVED

Quant Time: Oct 22 02:30:40 2022  
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QLast Update : Thu Oct 20 02:11:25 2022  
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Supervised By :mohammad ahmed 10/24/2022



TIC: BM037165.D\data.ms

(22) Chrysene

21.485min (-0.006) 0.34 ng/u1

response 28350

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.00  | 31.73  |
| 229.00 | 20.00  | 21.19  |
| 0.00   | 0.00   | 0.00   |

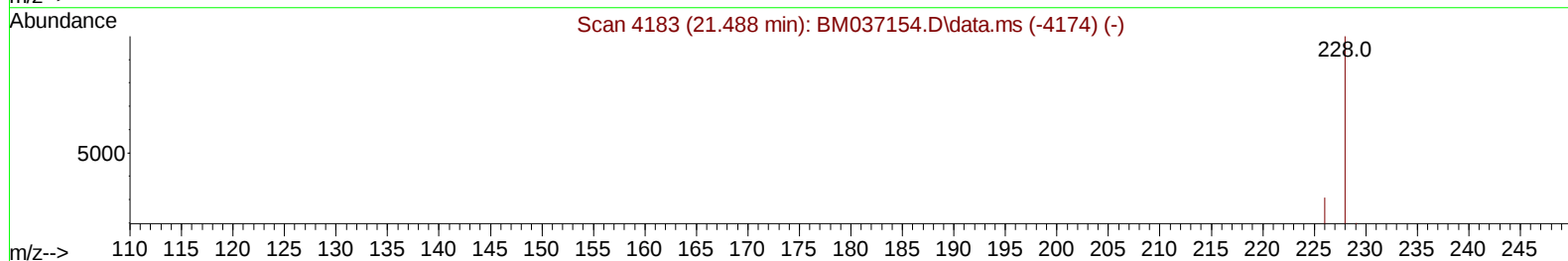
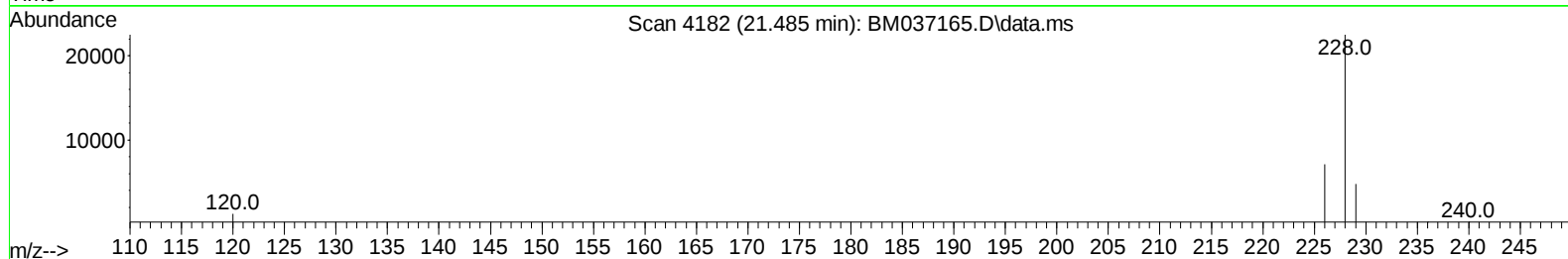
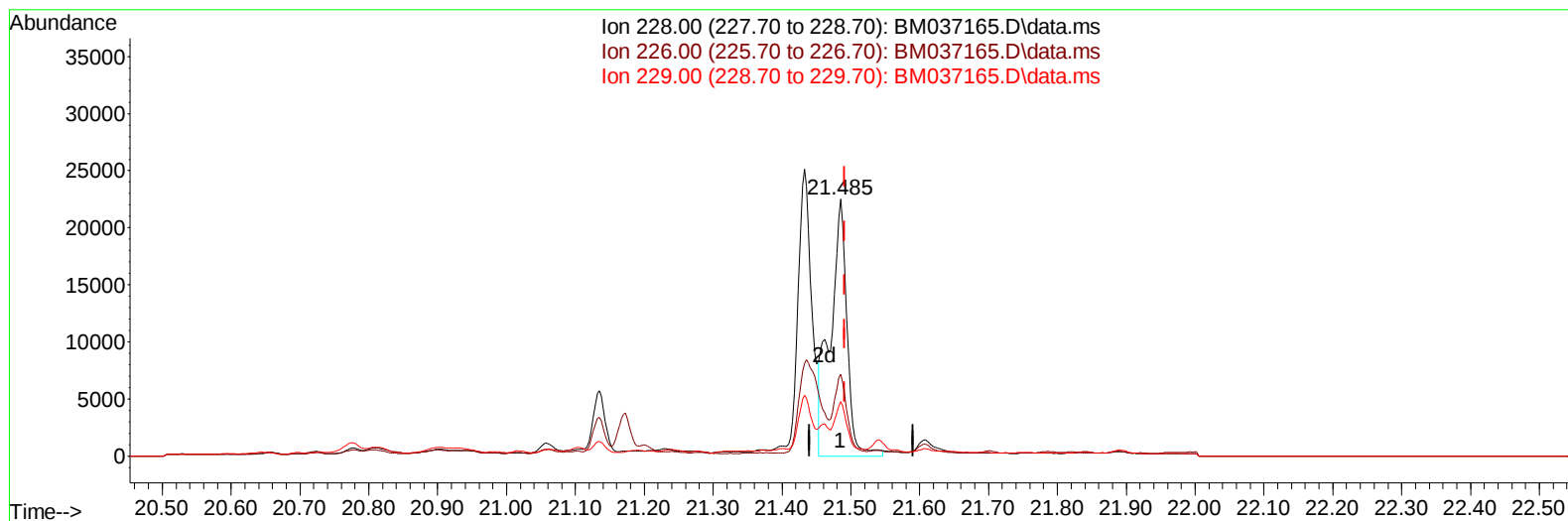
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
 Data File : BM037165.D  
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 Operator : CG/JU  
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 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C1BF0

Manual IntegrationsAPPROVED

Quant Time: Oct 22 02:30:40 2022  
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TIC: BM037165.D\data.ms

(22) Chrysene

21.485min (-0.006) 0.46 ng/ul m

response 38332

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.00  | 31.73  |
| 229.00 | 20.00  | 21.19  |
| 0.00   | 0.00   | 0.00   |

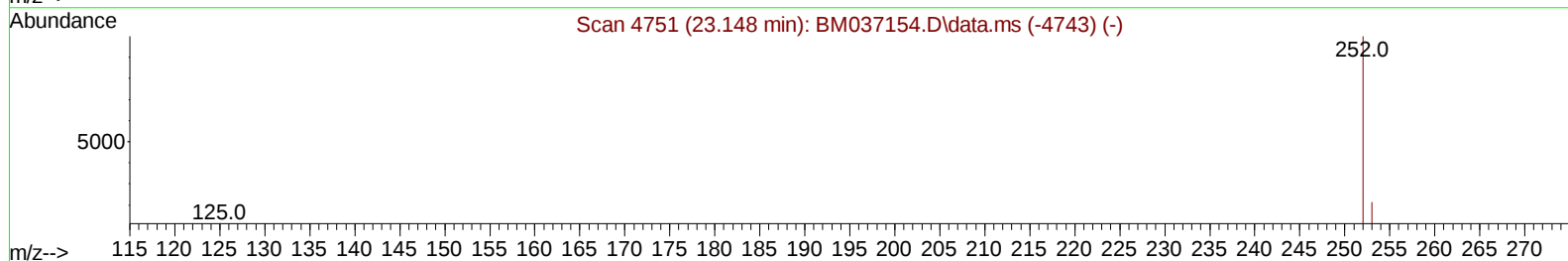
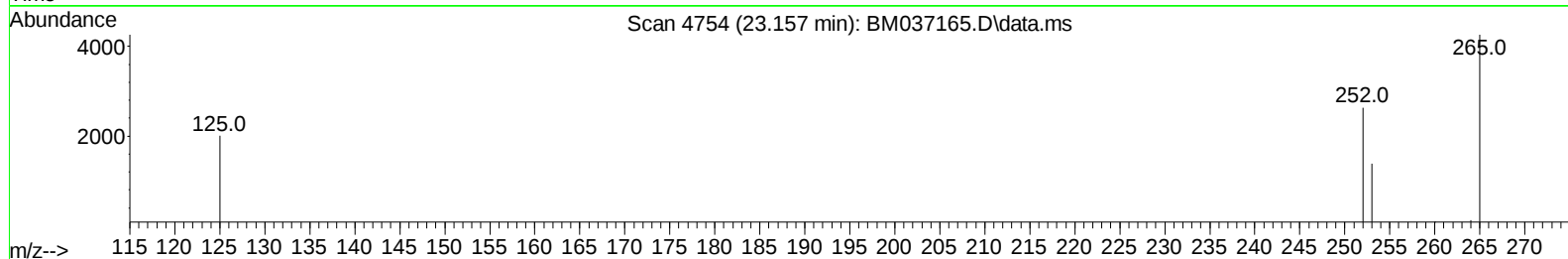
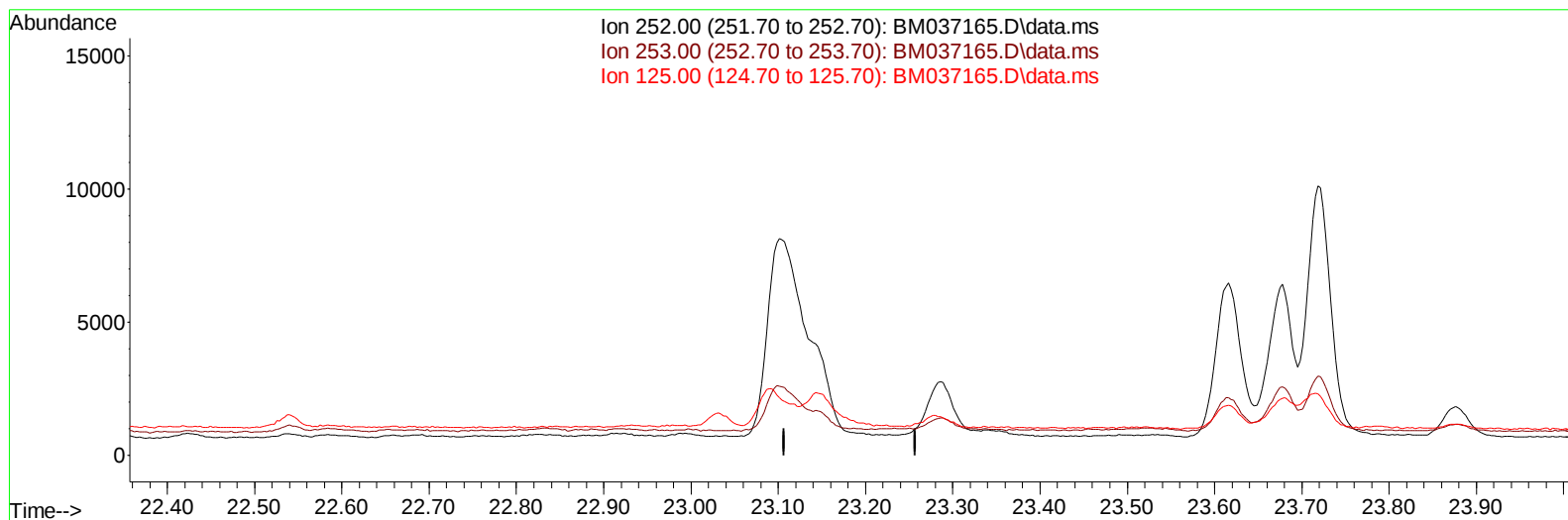
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
 Data File : BM037165.D  
 Acq On : 21 Oct 2022 08:39  
 Operator : CG/JU  
 Sample : N5015-14  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C1BF0

Manual IntegrationsAPPROVED

Quant Time: Oct 22 02:30:40 2022  
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Reviewed By :Jagrut Upadhyay 10/24/2022  
 Supervised By :mohammad ahmed 10/24/2022



TIC: BM037165.D\data.ms

(25) Benzo(k)fluoranthene

23.157min (-23.157) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 25.70  | 0.00# |
| 125.00 | 16.60  | 0.00# |
| 0.00   | 0.00   | 0.00  |

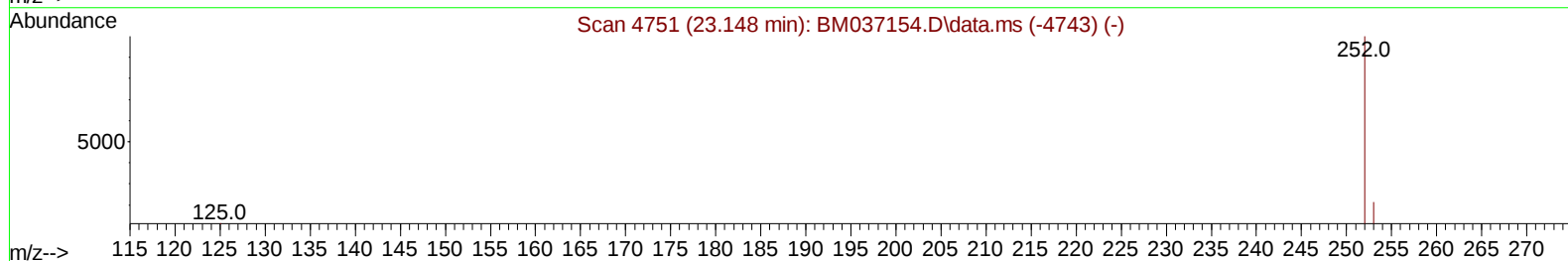
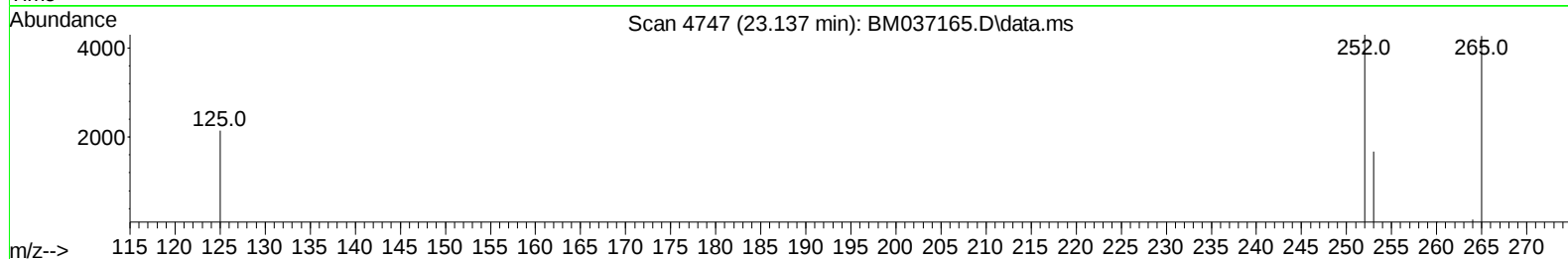
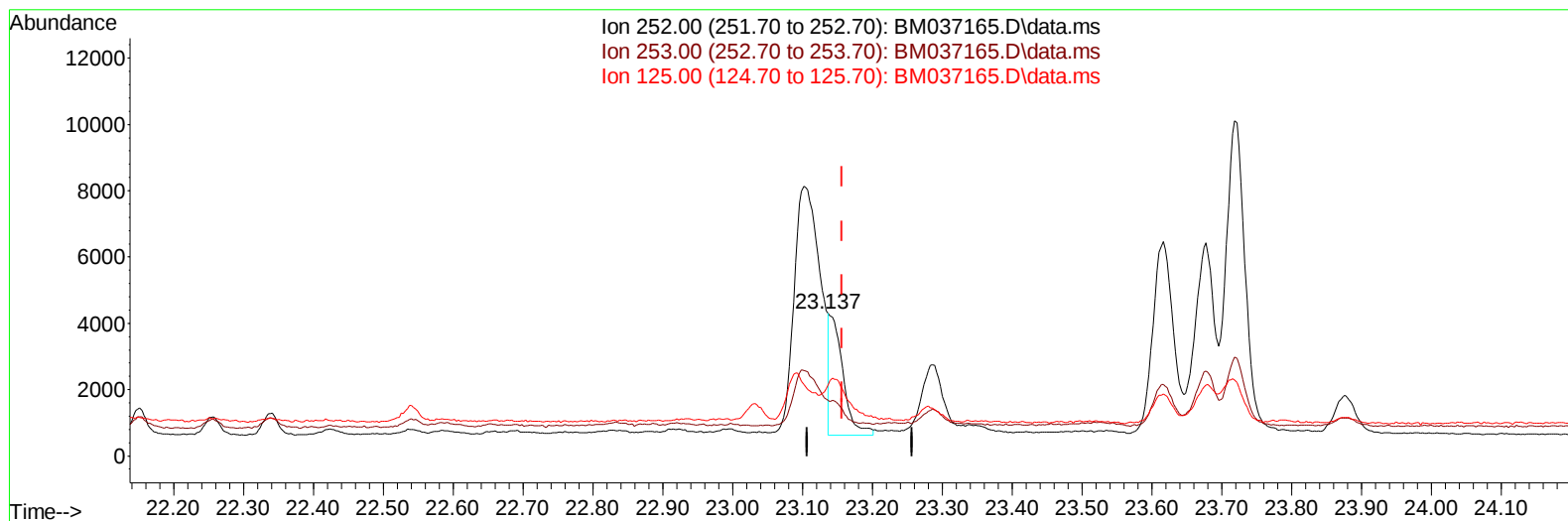
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
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 Sample : N5015-14  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C1BF0

Manual IntegrationsAPPROVED

Quant Time: Oct 22 02:30:40 2022  
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 QLast Update : Thu Oct 20 02:11:25 2022  
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Reviewed By :Jagrut Upadhyay 10/24/2022  
 Supervised By :mohammad ahmed 10/24/2022



TIC: BM037165.D\data.ms

(25) Benzo(k)fluoranthene

23.137min (-0.020) 0.06 ng/ul m

response 4871

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.70  | 39.03# |
| 125.00 | 16.60  | 49.81# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
 Data File : BM037165.D  
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 Operator : CG/JU  
 Sample : N5015-14  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C1BF0

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022  
 Supervised By :mohammad ahmed 10/24/2022

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.905  | 152 |     | 5038     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.705 | 136 |     | 16314    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.533 | 164 |     | 10255    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.271 | 188 |     | 22272    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.450 | 240 |     | 18752    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.824 | 264 |     | 15897    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.314  | 96  |     | 56351    | 9.174 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.288 | 152 |     | 13344    | 0.575 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.294 | 212 |     | 38441    | 0.678 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 7) 2-Methylnaphthalene      | 12.365 | 142 |     | 607      | 0.021 | ng/ul  | 91       |
| 8) 1-Methylnaphthalene      | 12.580 | 142 |     | 612      | 0.021 | ng/ul# | 75       |
| 10) Acenaphthylene          | 14.256 | 152 |     | 13412    | 0.304 | ng/ul  | 99       |
| 12) Fluorene                | 15.579 | 166 |     | 2595     | 0.056 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.313 | 178 |     | 49997    | 0.665 | ng/ul  | 99       |
| 16) Anthracene              | 17.406 | 178 |     | 8366     | 0.140 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.326 | 202 |     | 44238    | 0.543 | ng/ul  | 98       |
| 20) Pyrene                  | 19.689 | 202 |     | 87370m   | 1.058 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.433 | 228 |     | 33311    | 0.458 | ng/ul  | 93       |
| 22) Chrysene                | 21.485 | 228 |     | 38332m   | 0.458 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.102 | 252 |     | 19467    | 0.231 | ng/ul  | 83       |
| 25) Benzo(k)fluoranthene    | 23.137 | 252 |     | 4871m    | 0.060 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.718 | 252 |     | 17472    | 0.258 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.273 | 276 |     | 5470     | 0.058 | ng/ul  | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.289 | 278 |     | 1742     | 0.023 | ng/ul# | 31       |
| 29) Benzo(g,h,i)perylene    | 27.037 | 276 |     | 5202     | 0.063 | ng/ul# | 90       |
| -----                       |        |     |     |          |       |        |          |

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

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