

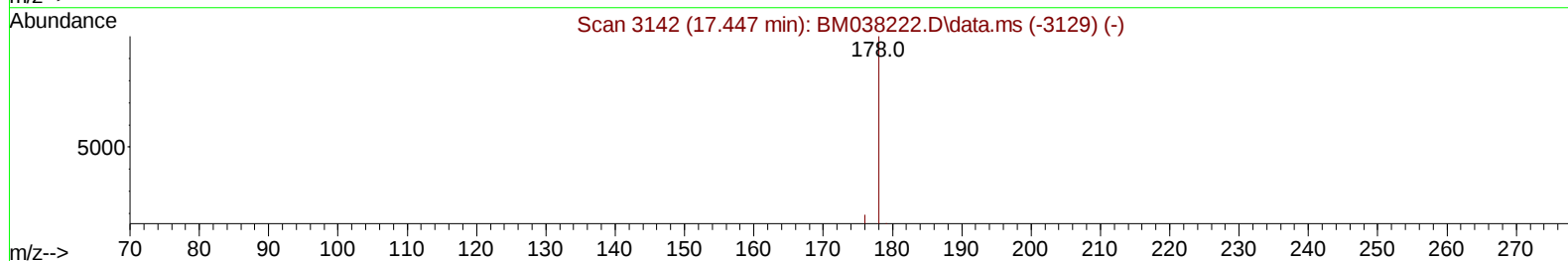
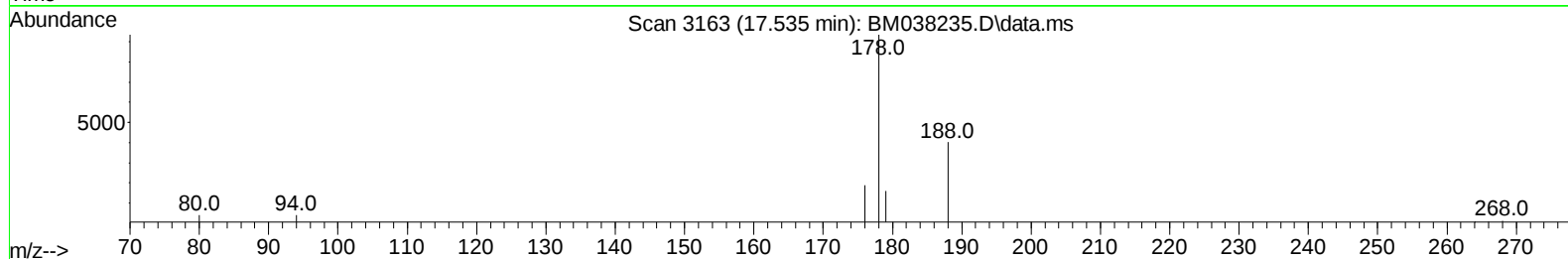
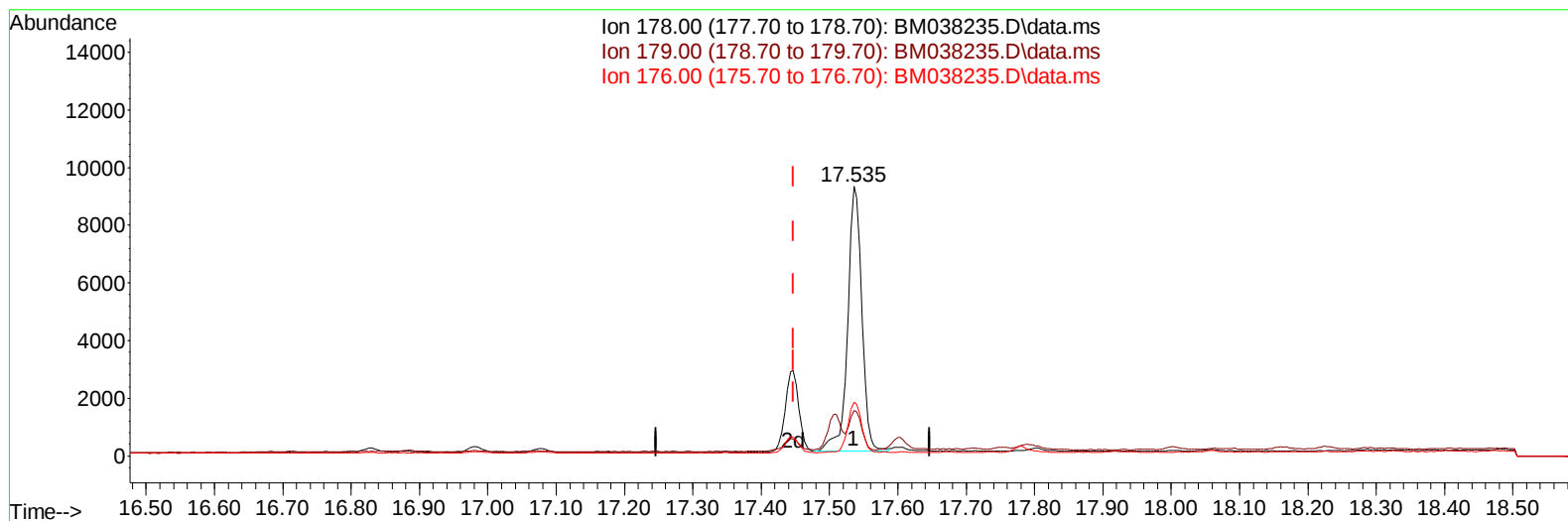
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038235.D  
 Acq On : 23 Dec 2022 16:41  
 Operator : CG/JU  
 Sample : N6014-21  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXT3

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:57:57 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 23:36:45 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022



TIC: BM038235.D\data.ms

(15) Phenanthrene

17.535min (+ 0.089) 0.29 ng/u1

response 13232

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 16.20  | 16.94  |
| 176.00 | 20.30  | 20.01  |
| 0.00   | 0.00   | 0.00   |

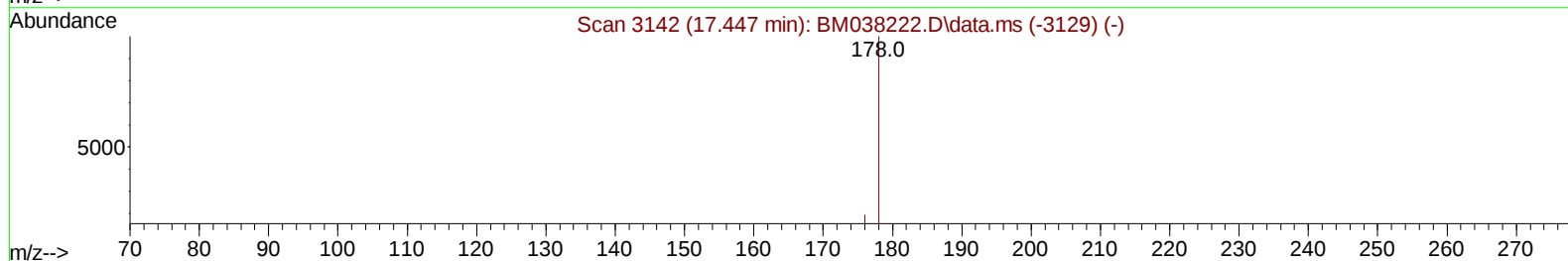
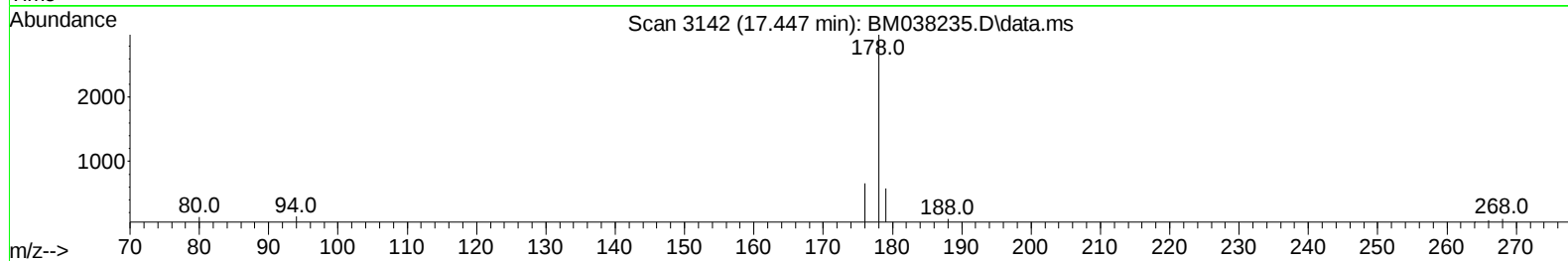
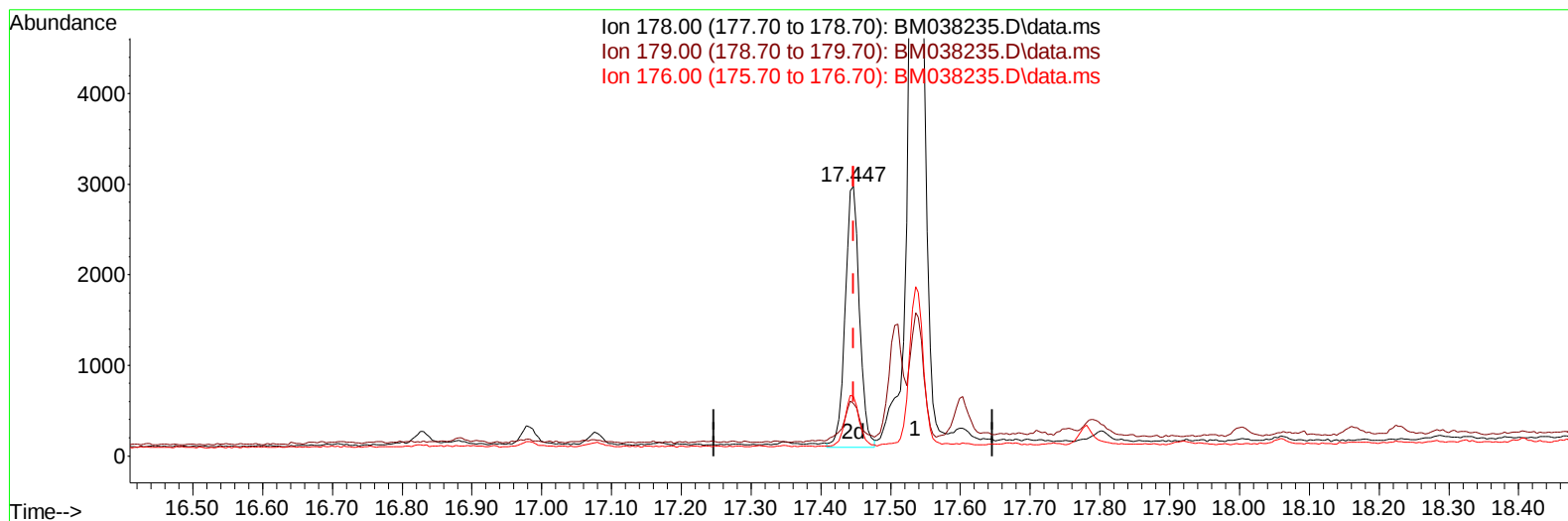
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Manual IntegrationsAPPROVED

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TIC: BM038235.D\data.ms

(15) Phenanthrene

17.447min (+ 0.000) 0.09 ng/ul m

response 4085

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 16.20  | 19.53# |
| 176.00 | 20.30  | 22.05  |
| 0.00   | 0.00   | 0.00   |

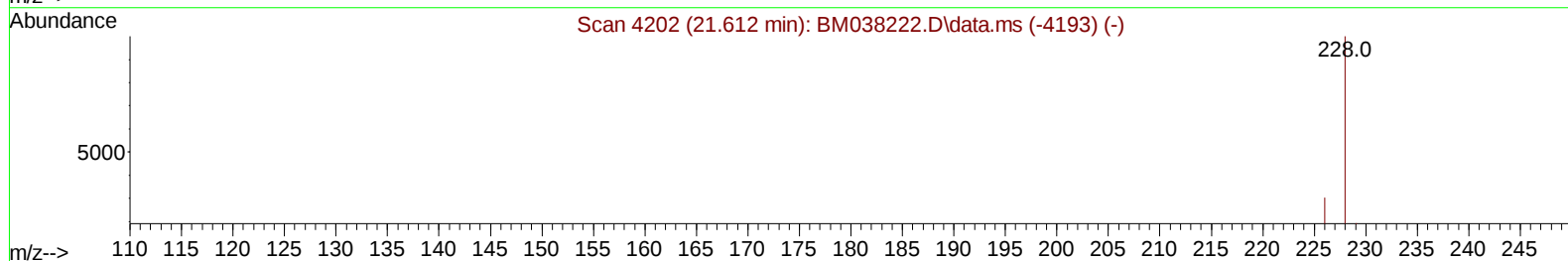
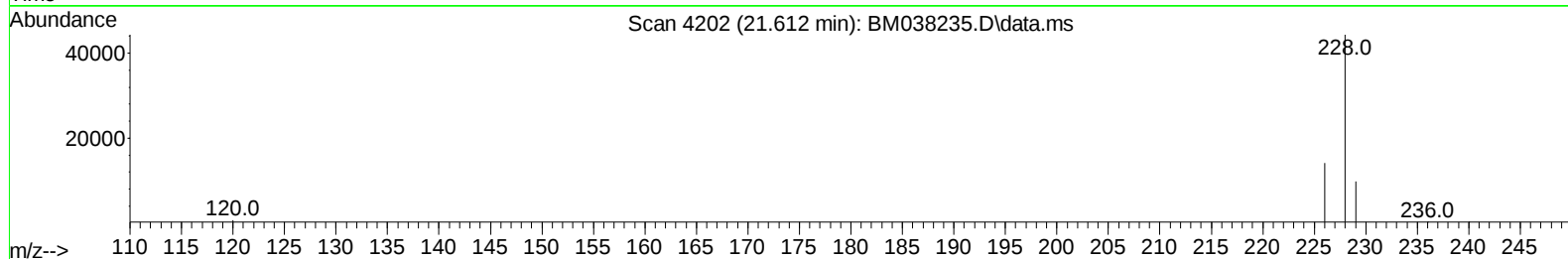
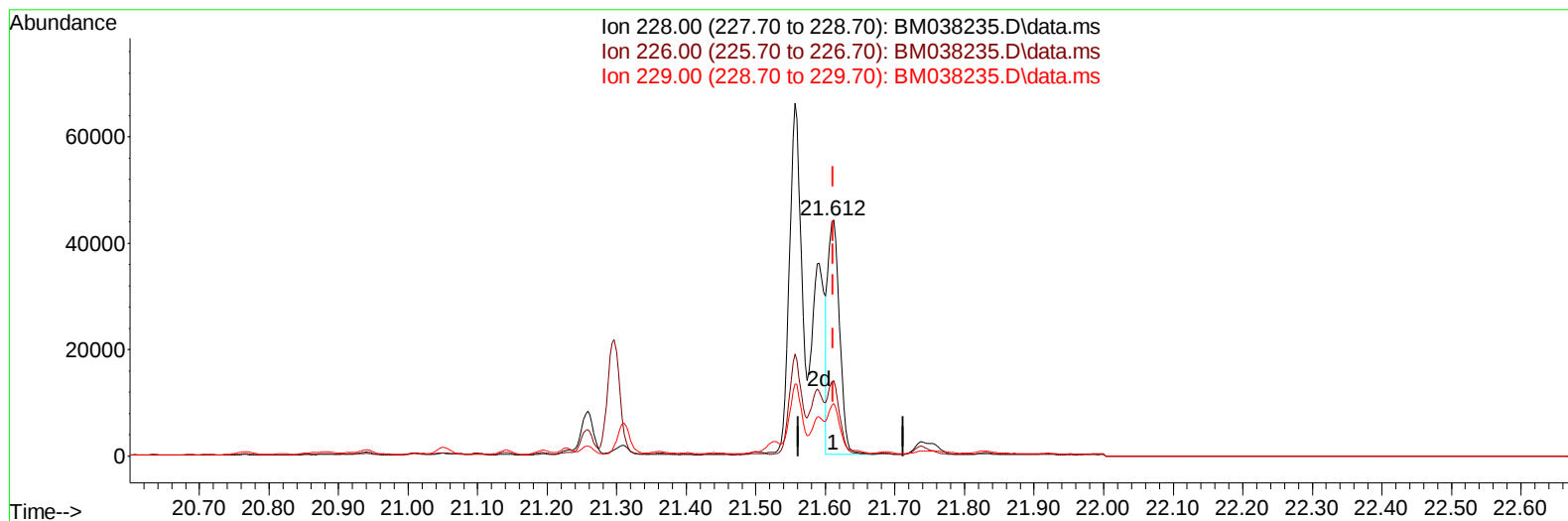
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
Data File : BM038235.D  
Acq On : 23 Dec 2022 16:41  
Operator : CG/JU  
Sample : N6014-21  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXT3

Manual IntegrationsAPPROVED

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TIC: BM038235.D\data.ms

(22) Chrysene

21.612min (+ 0.000) 1.39 ng/u1

response 51282

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.20  | 31.88  |
| 229.00 | 20.00  | 22.16  |
| 0.00   | 0.00   | 0.00   |

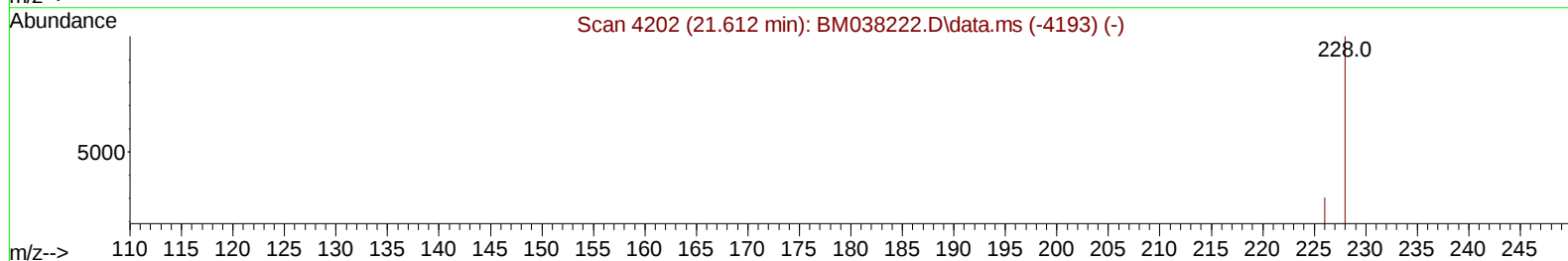
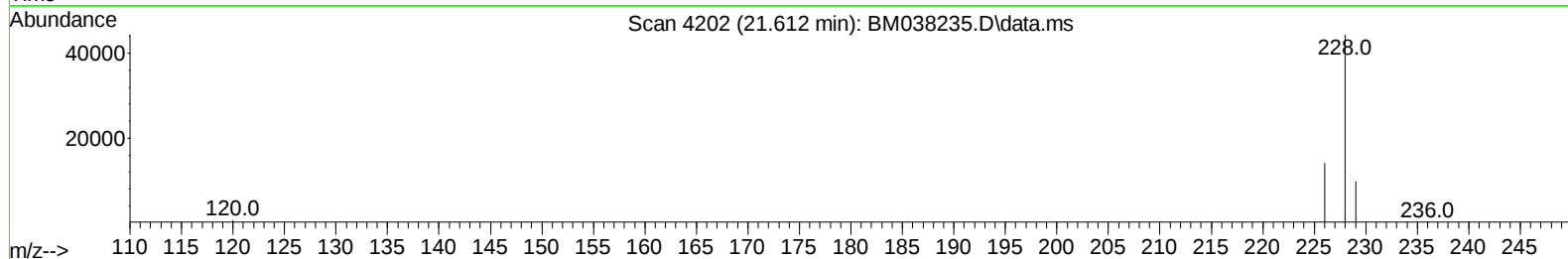
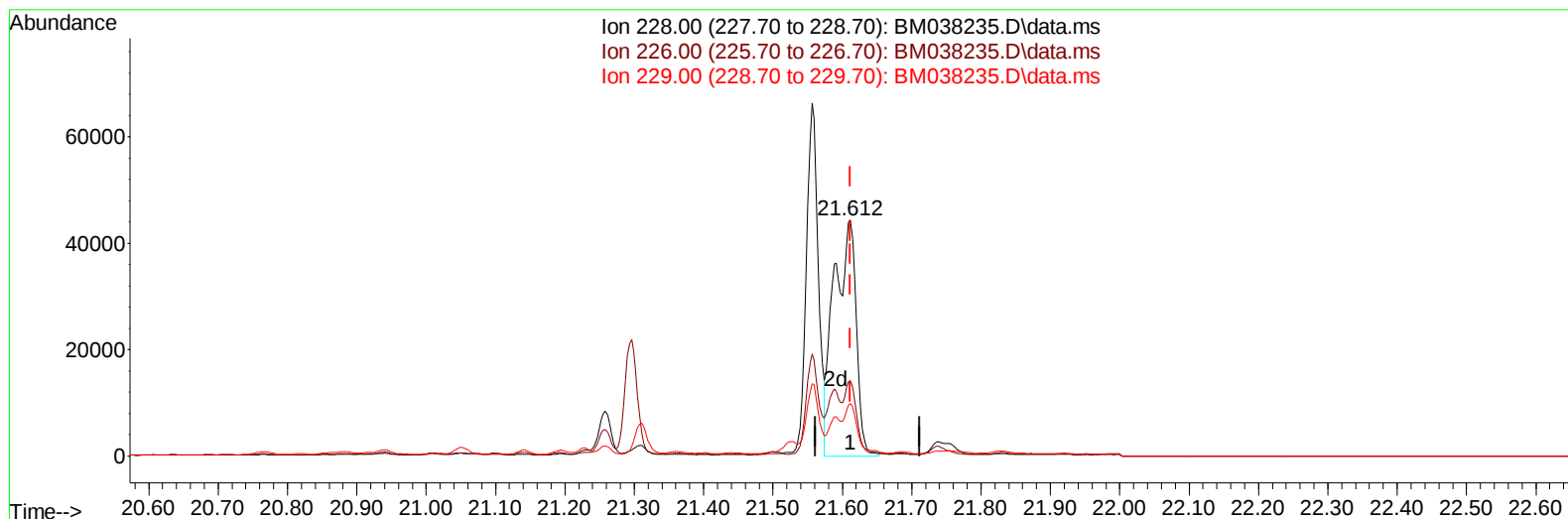
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
Data File : BM038235.D  
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Operator : CG/JU  
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ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXT3

Manual IntegrationsAPPROVED

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TIC: BM038235.D\data.ms

(22) Chrysene

21.612min (+ 0.000) 2.66 ng/u1 m

response 98384

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.20  | 31.88  |
| 229.00 | 20.00  | 22.16  |
| 0.00   | 0.00   | 0.00   |

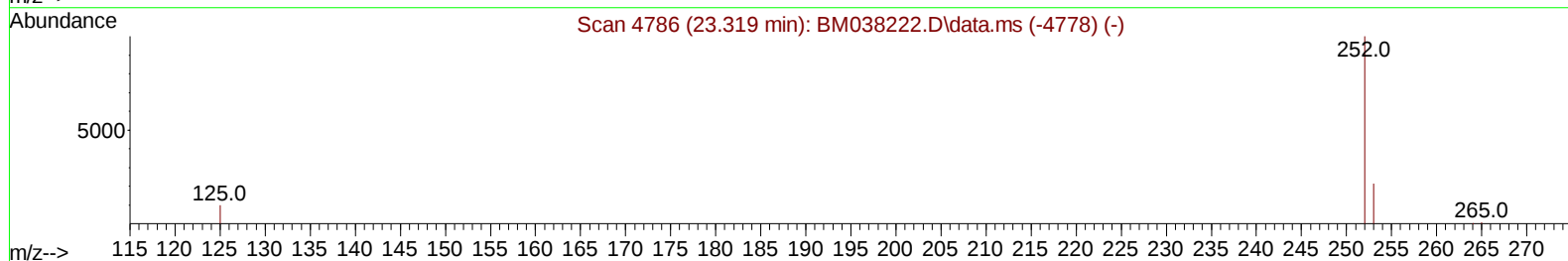
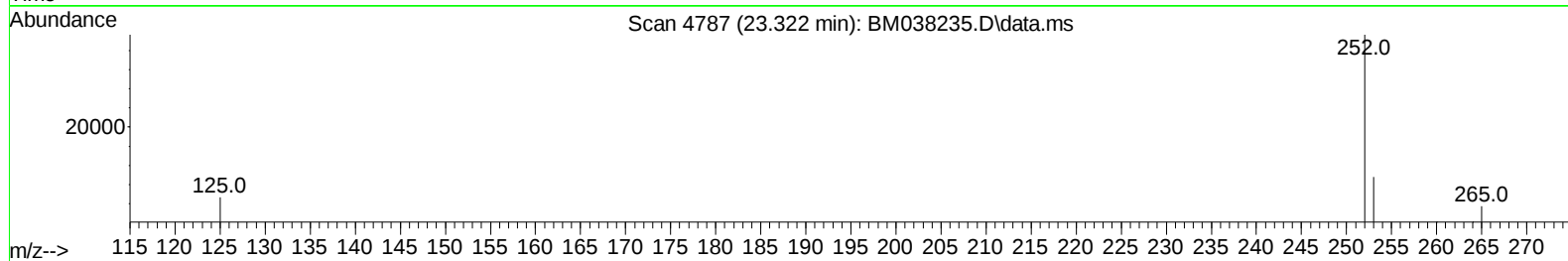
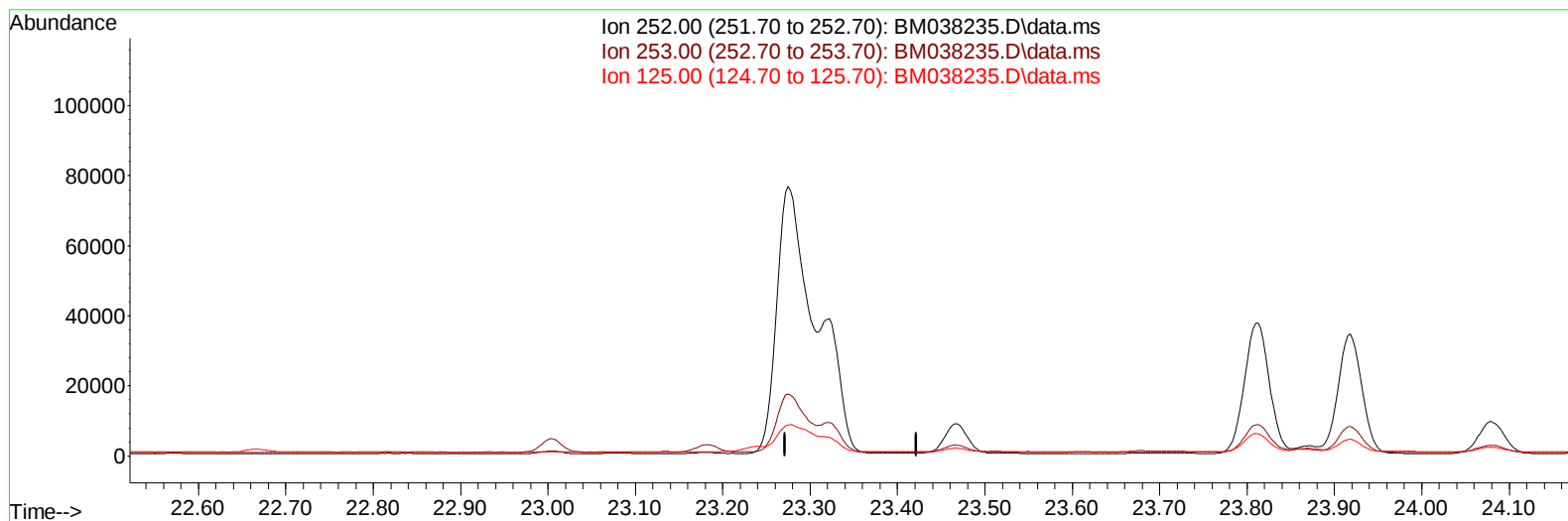
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Data File : BM038235.D  
Acq On : 23 Dec 2022 16:41  
Operator : CG/JU  
Sample : N6014-21  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXT3

Manual IntegrationsAPPROVED

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TIC: BM038235.D\data.ms

(25) Benzo(k)fluoranthene

23.322min (-23.322) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 28.10  | 0.00# |
| 125.00 | 18.00  | 0.00# |
| 0.00   | 0.00   | 0.00  |

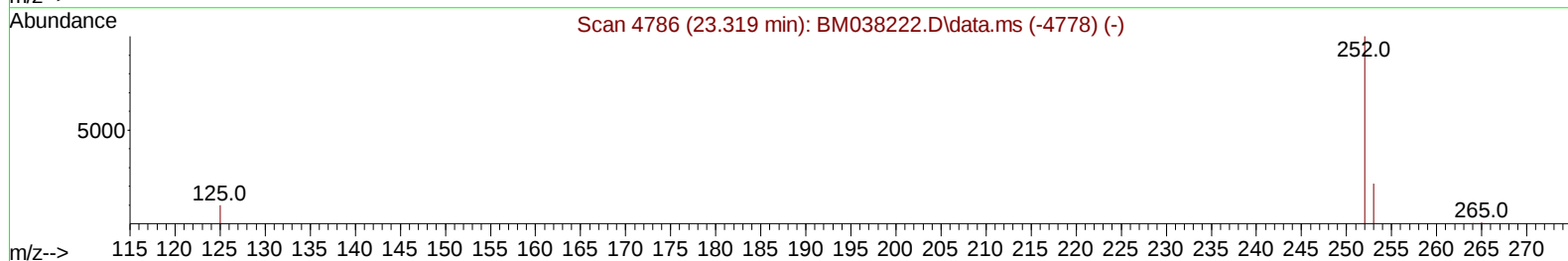
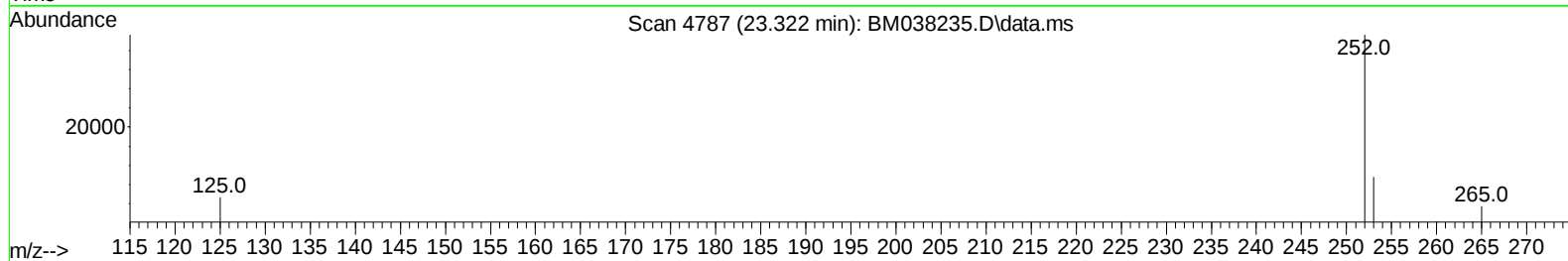
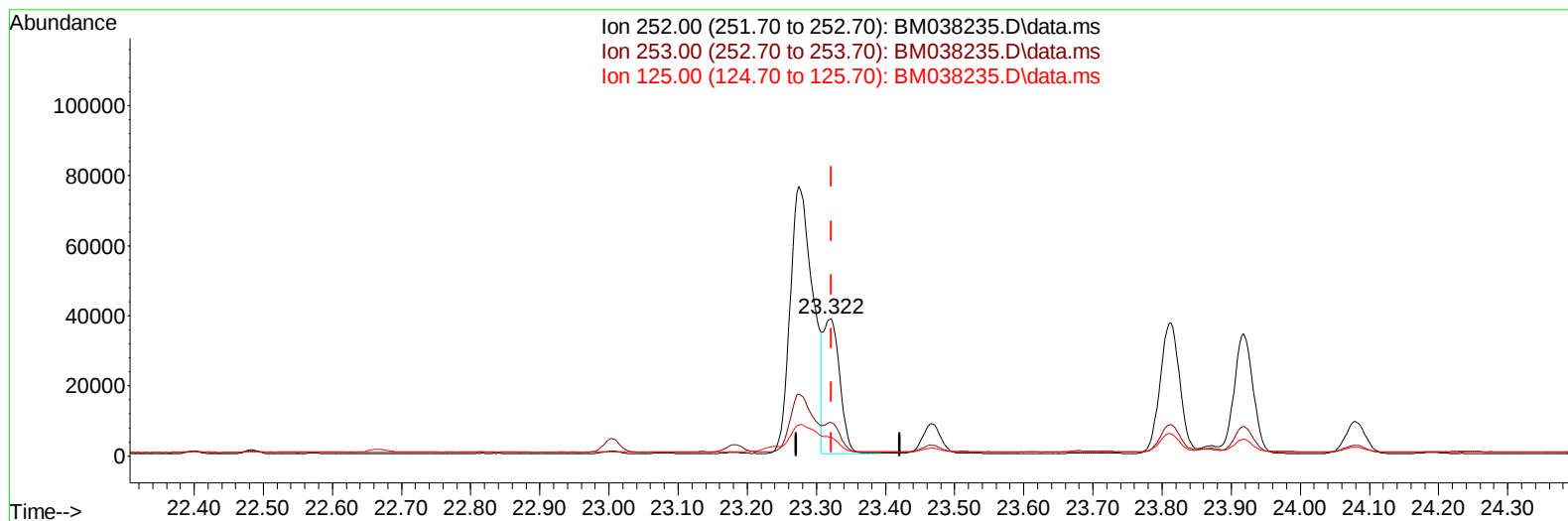
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
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 Sample : N6014-21  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXT3

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:57:57 2022  
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TIC: BM038235.D\data.ms

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

**23.322min (+ 0.000) 1.74 ng/ul m**

**response 62567**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 24.37  |
| 125.00 | 18.00  | 13.58# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038235.D  
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 Operator : CG/JU  
 Sample : N6014-21  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXT3

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.038  | 152 |     | 3991     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.851 | 136 |     | 12088    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.661 | 164 |     | 6736     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.405 | 188 |     | 13544    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.574 | 240 |     | 8659     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.026 | 264 |     | 8456     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.393  | 96  |     | 19413    | 4.782 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.429 | 152 |     | 8006     | 0.450 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.422 | 212 |     | 14872    | 0.458 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 10) Acenaphthylene          | 14.388 | 152 |     | 15272    | 0.411 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.054 | 266 |     | 366      | 0.054 | ng/ul  | 94       |
| 15) Phenanthrene            | 17.447 | 178 |     | 4085m    | 0.090 | ng/ul  |          |
| 16) Anthracene              | 17.535 | 178 |     | 13212    | 0.304 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.454 | 202 |     | 62729    | 1.322 | ng/ul  | 100      |
| 20) Pyrene                  | 19.817 | 202 |     | 188358   | 3.929 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.556 | 228 |     | 78401    | 2.064 | ng/ul  | 98       |
| 22) Chrysene                | 21.612 | 228 |     | 98384m   | 2.661 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.275 | 252 |     | 181523   | 4.850 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.322 | 252 |     | 62567m   | 1.740 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.918 | 252 |     | 65184    | 1.996 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.585 | 276 |     | 36217    | 0.800 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 26.592 | 278 |     | 9804     | 0.279 | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 27.377 | 276 |     | 28434    | 0.746 | ng/ul  | 98       |
| -----                       |        |     |     |          |       |        |          |

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

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