

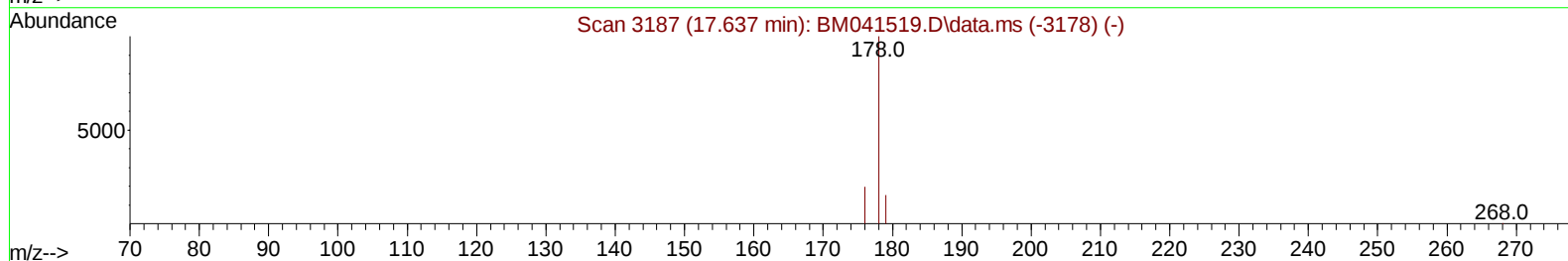
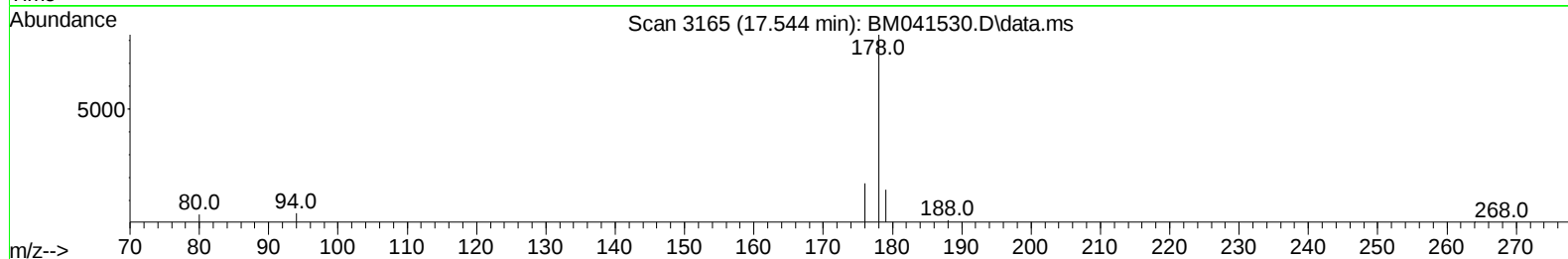
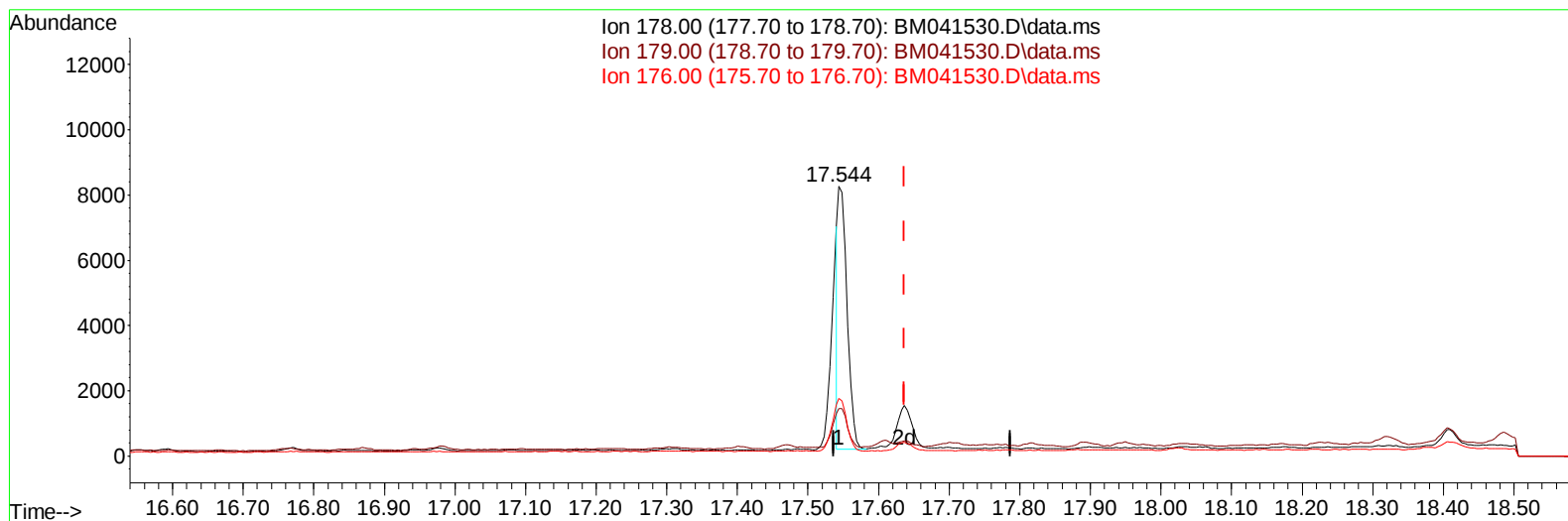
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082823\  
 Data File : BM041530.D  
 Acq On : 28 Aug 2023 20:17  
 Operator : MA/JU  
 Sample : 04037-06DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYE2DL

Manual IntegrationsAPPROVED

Quant Time: Aug 29 02:49:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM082823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 28 15:20:06 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/29/2023  
 Supervised By :mohammad ahmed 08/29/2023



TIC: BM041530.D\data.ms

(16) Anthracene

17.544min (-0.093) 0.09 ng/u1

response 7306

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.80  | 17.68  |
| 176.00 | 19.90  | 21.33  |
| 0.00   | 0.00   | 0.00   |

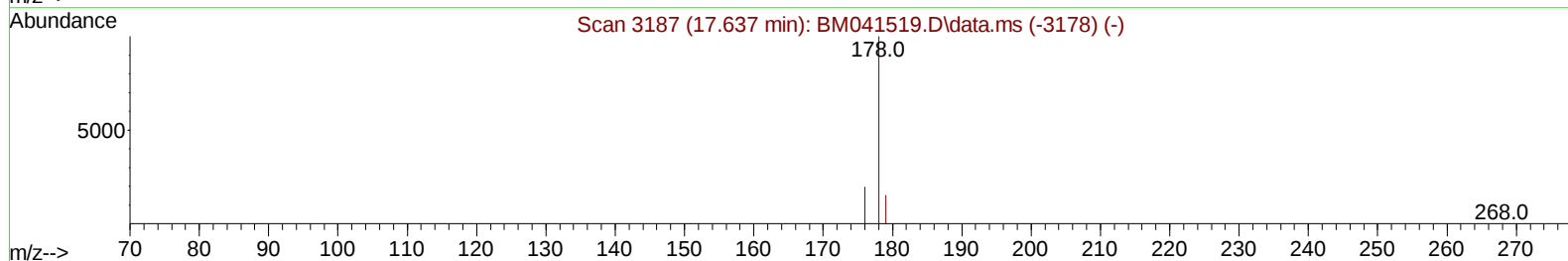
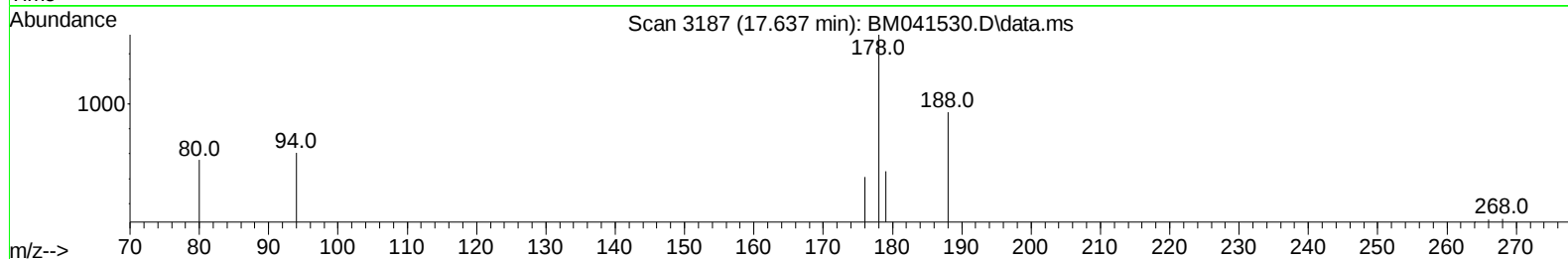
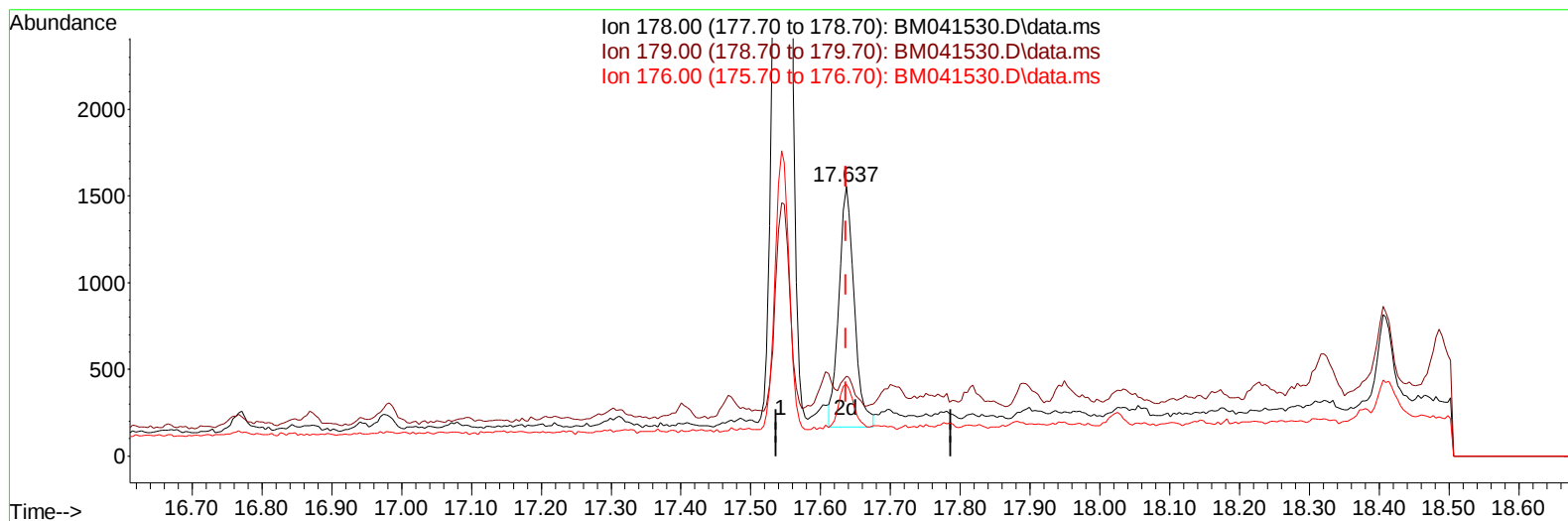
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082823\  
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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYE2DL

Manual IntegrationsAPPROVED

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TIC: BM041530.D\data.ms

(16) Anthracene

17.637min (-0.000) 0.03 ng/u1 m

response 2135

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.80  | 29.54# |
| 176.00 | 19.90  | 26.58# |
| 0.00   | 0.00   | 0.00   |

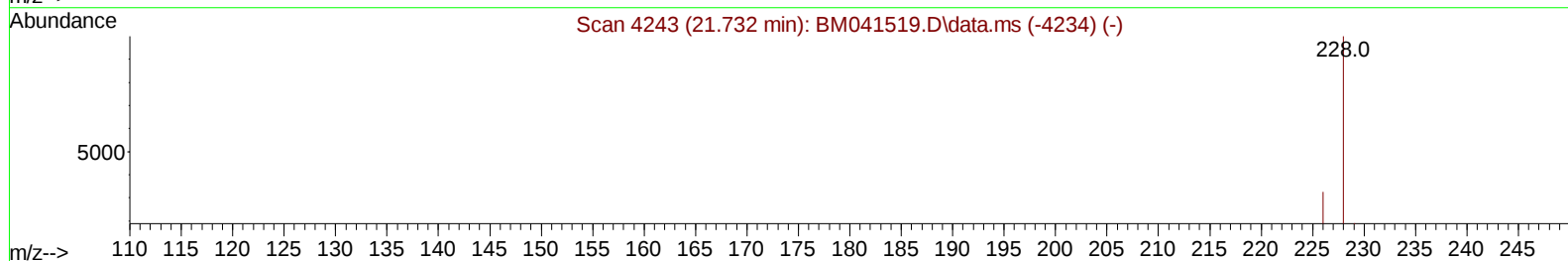
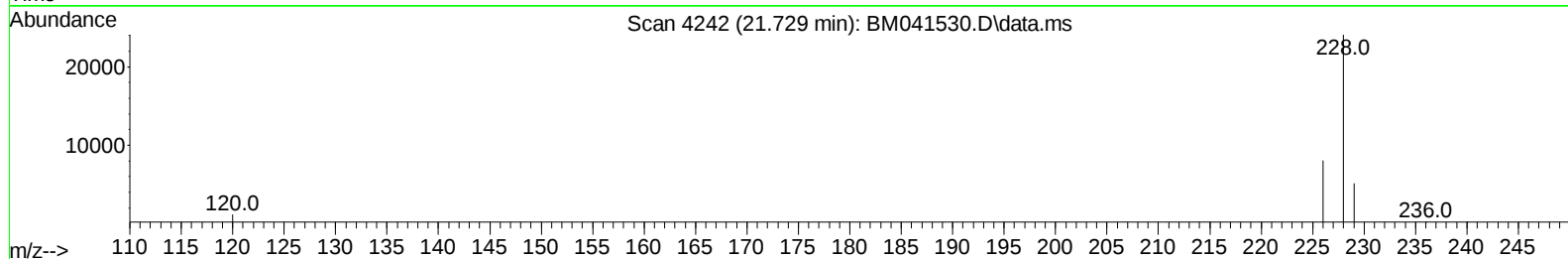
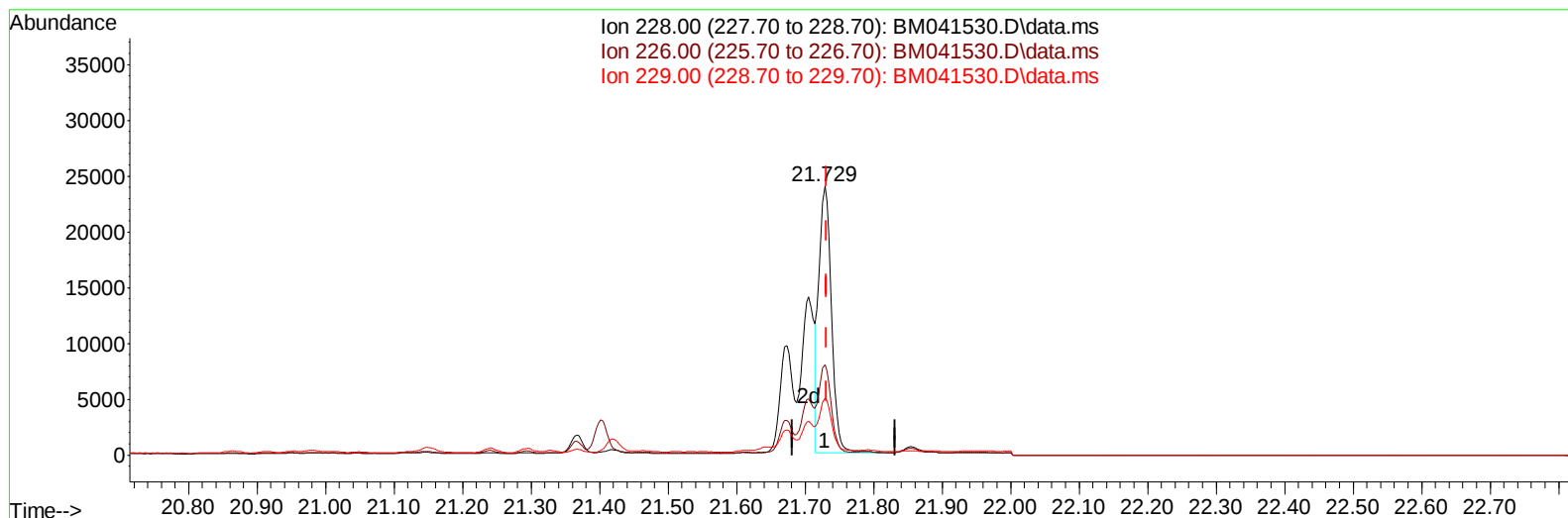
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082823\  
 Data File : BM041530.D  
 Acq On : 28 Aug 2023 20:17  
 Operator : MA/JU  
 Sample : 04037-06DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYE2DL

Manual IntegrationsAPPROVED

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TIC: BM041530.D\data.ms

(22) Chrysene

21.729min (-0.003) 0.40 ng/u1

response 30703

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 32.90  | 33.58  |
| 229.00 | 19.30  | 21.21  |
| 0.00   | 0.00   | 0.00   |

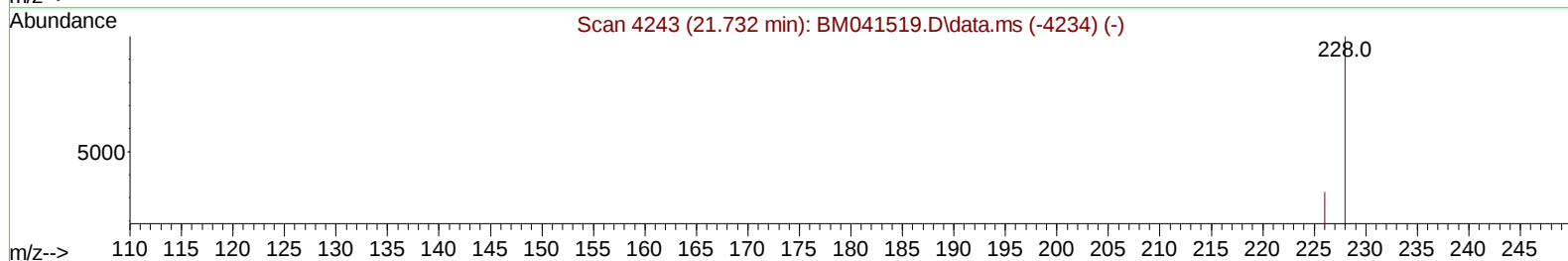
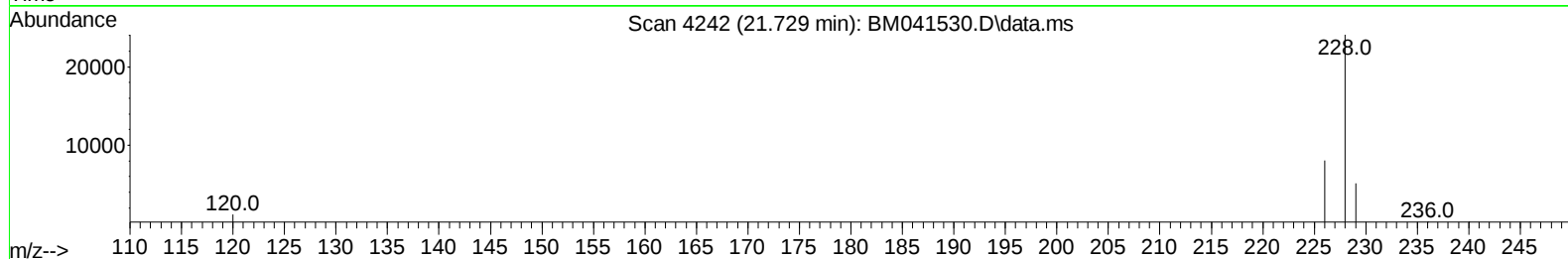
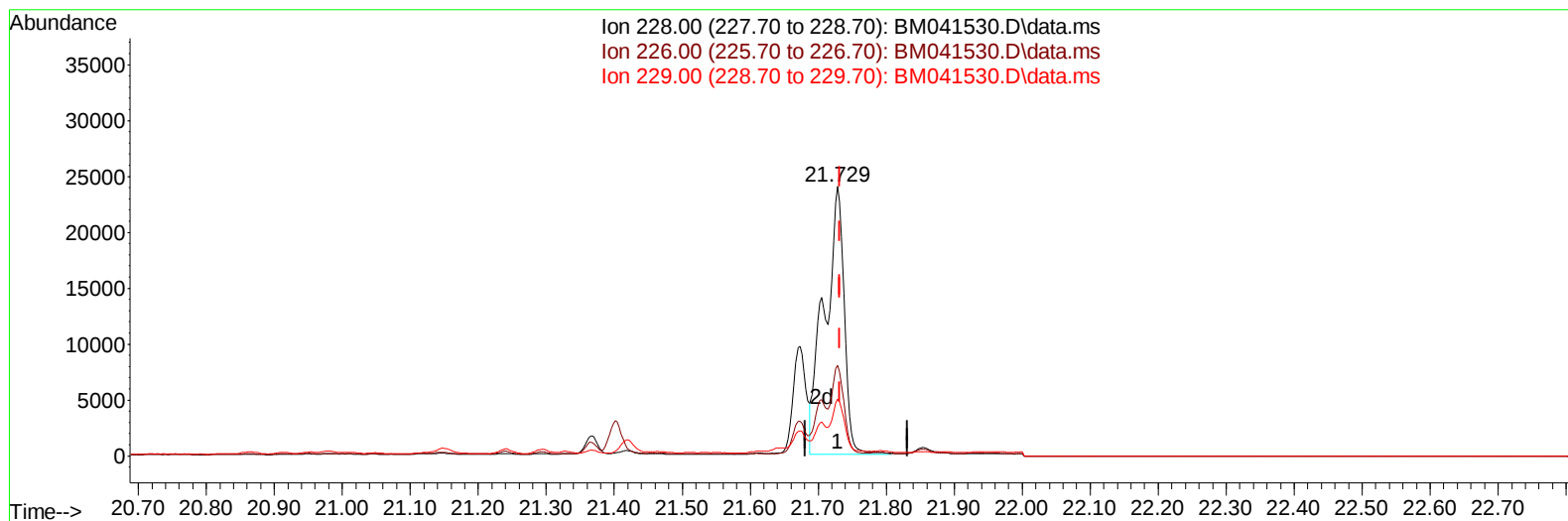
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082823\  
 Data File : BM041530.D  
 Acq On : 28 Aug 2023 20:17  
 Operator : MA/JU  
 Sample : 04037-06DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYE2DL

Manual IntegrationsAPPROVED

Quant Time: Aug 29 02:49:26 2023  
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TIC: BM041530.D\data.ms

(22) Chrysene

21.729min (-0.003) 0.63 ng/u1 m

response 48256

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 32.90  | 33.58  |
| 229.00 | 19.30  | 21.21  |
| 0.00   | 0.00   | 0.00   |

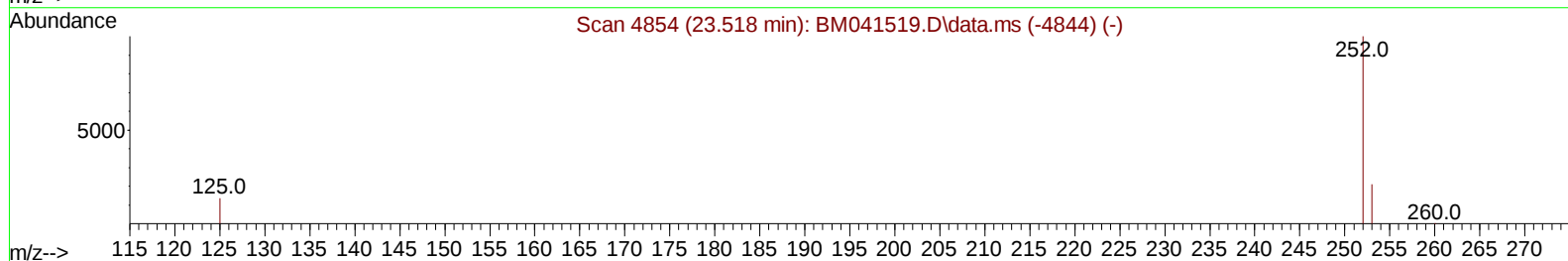
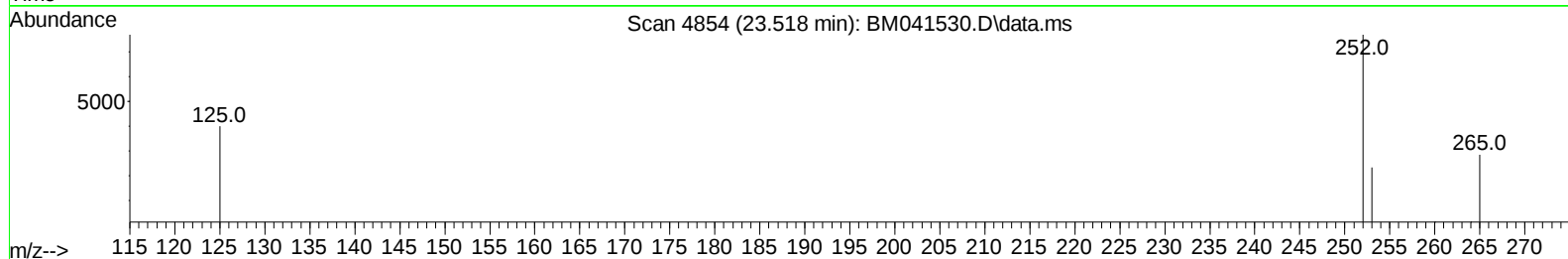
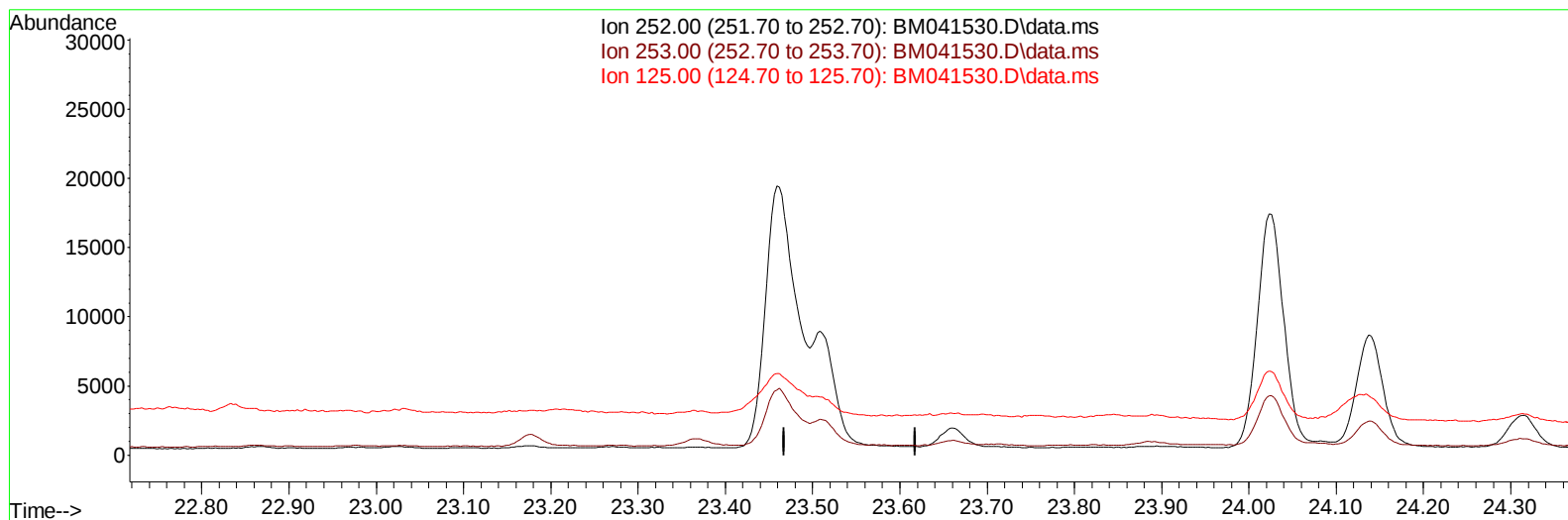
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082823\  
 Data File : BM041530.D  
 Acq On : 28 Aug 2023 20:17  
 Operator : MA/JU  
 Sample : 04037-06DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYE2DL

Manual IntegrationsAPPROVED

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TIC: BM041530.D\data.ms

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

**23.518min (-23.518) 0.00 ng/u1**

**response 0**

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 24.10  | 0.00# |
| 125.00 | 18.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

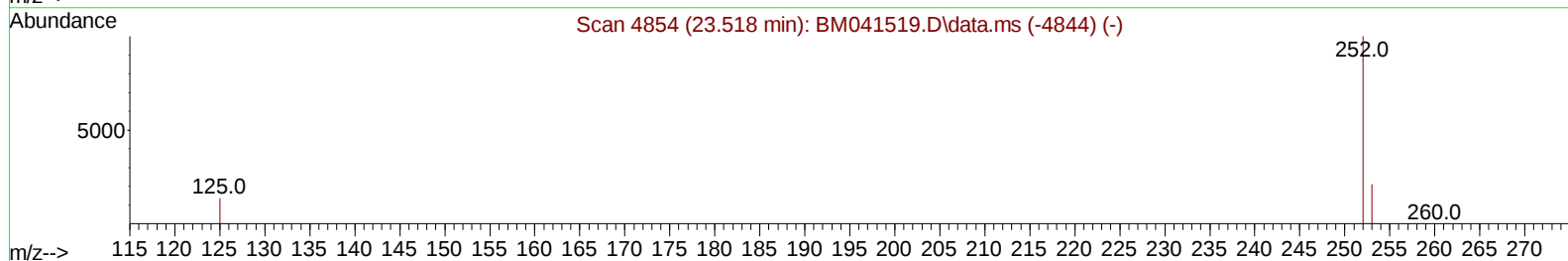
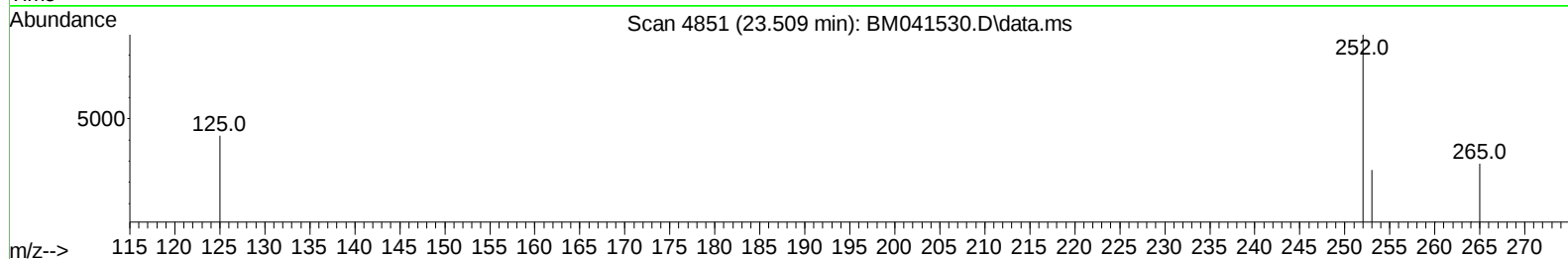
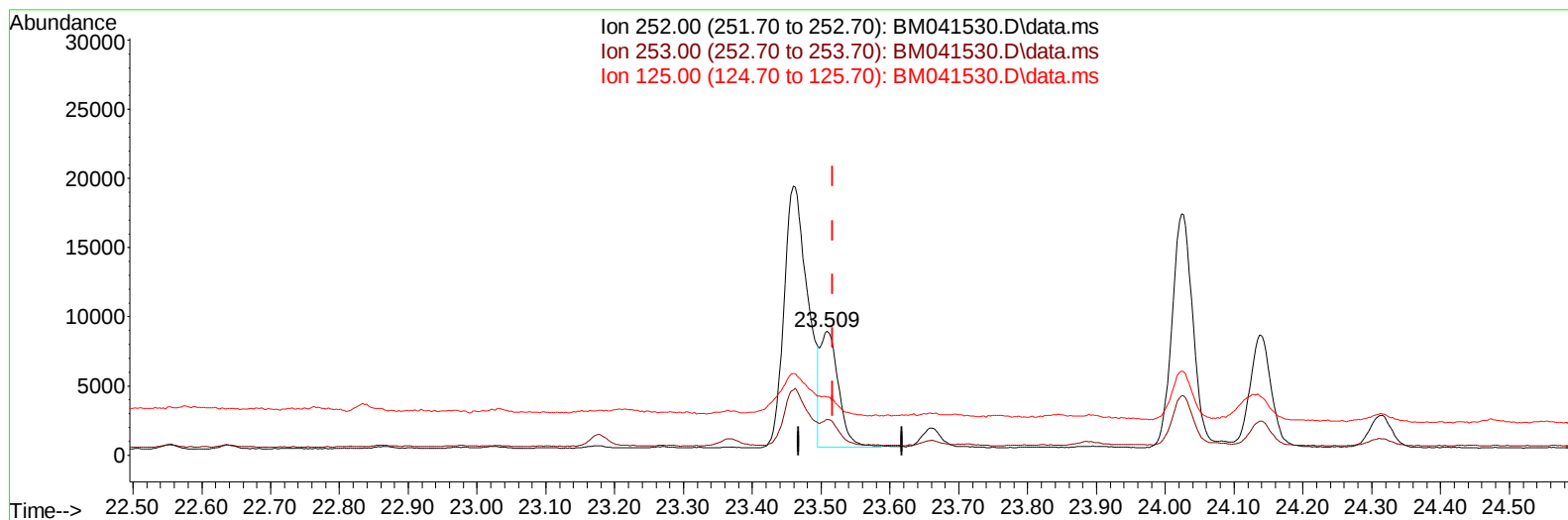
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082823\  
 Data File : BM041530.D  
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 Operator : MA/JU  
 Sample : 04037-06DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYE2DL

Manual IntegrationsAPPROVED

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TIC: BM041530.D\data.ms

(25) Benzo(k)fluoranthene

23.509min (-0.009) 0.18 ng/ul m

response 15682

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.10  | 28.85  |
| 125.00 | 18.70  | 46.77# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082823\  
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 Sample : 04037-06DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYE2DL

## Manual IntegrationsAPPROVED

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Quant Time: Aug 29 02:49:26 2023  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.110  | 152 |     | 10725    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.944 | 136 |     | 26503    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.749 | 164 |     | 11380    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.502 | 188 |     | 22614    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.691 | 240 |     | 10919    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.254 | 264 |     | 13904    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.448  | 96  |     | 9273     | 0.695 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.517 | 152 |     | 1042     | 0.030 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.524 | 212 |     | 1443     | 0.032 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.993 | 128 |     | 2568     | 0.030 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.594 | 142 |     | 2337     | 0.045 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.544 | 178 |     | 11329    | 0.122 | ng/ul  | 97       |
| 16) Anthracene              | 17.637 | 178 |     | 2135m    | 0.025 | ng/ul  |          |
| 19) Fluoranthene            | 19.552 | 202 |     | 25678    | 0.254 | ng/ul  | 96       |
| 20) Pyrene                  | 19.919 | 202 |     | 47138    | 0.461 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.673 | 228 |     | 12843    | 0.165 | ng/ul  | 95       |
| 22) Chrysene                | 21.729 | 228 |     | 48256m   | 0.626 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.459 | 252 |     | 45292    | 0.512 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.509 | 252 |     | 15682m   | 0.181 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 24.137 | 252 |     | 17438    | 0.218 | ng/ul# | 69       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.961 | 276 |     | 23314    | 0.217 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.988 | 278 |     | 5207     | 0.067 | ng/ul# | 46       |
| 29) Benzo(g,h,i)perylene    | 27.809 | 276 |     | 27085    | 0.301 | ng/ul  | 98       |
| -----                       |        |     |     |          |       |        |          |

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

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