

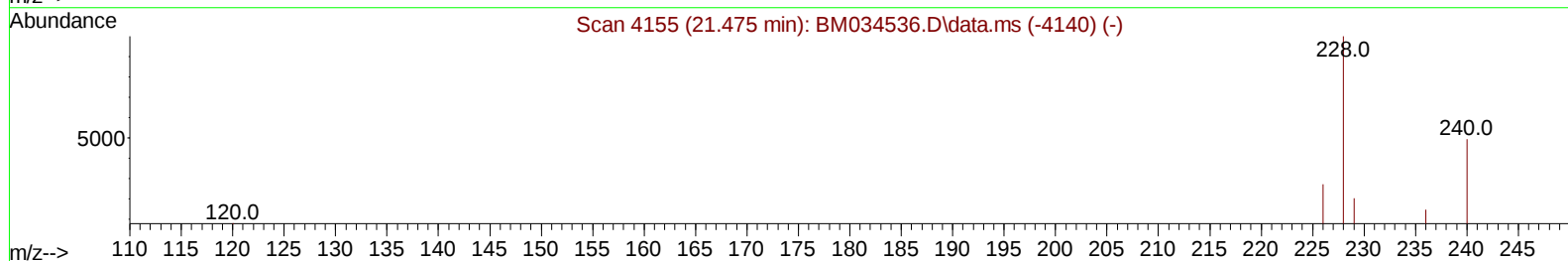
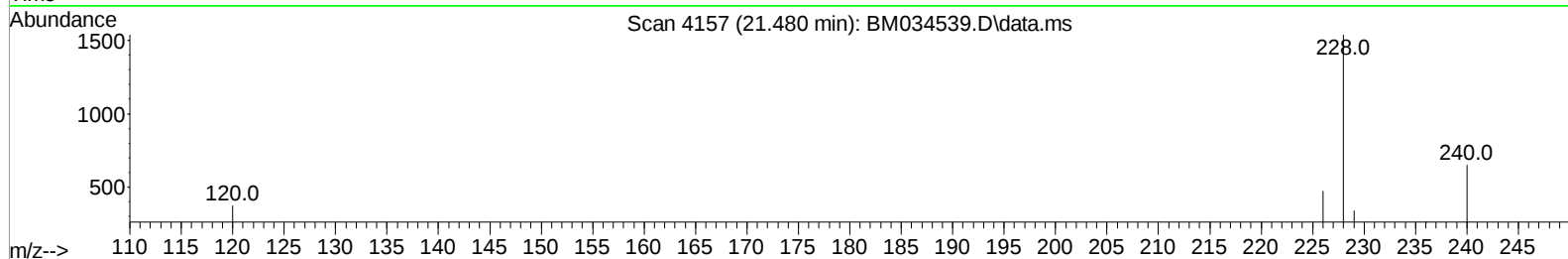
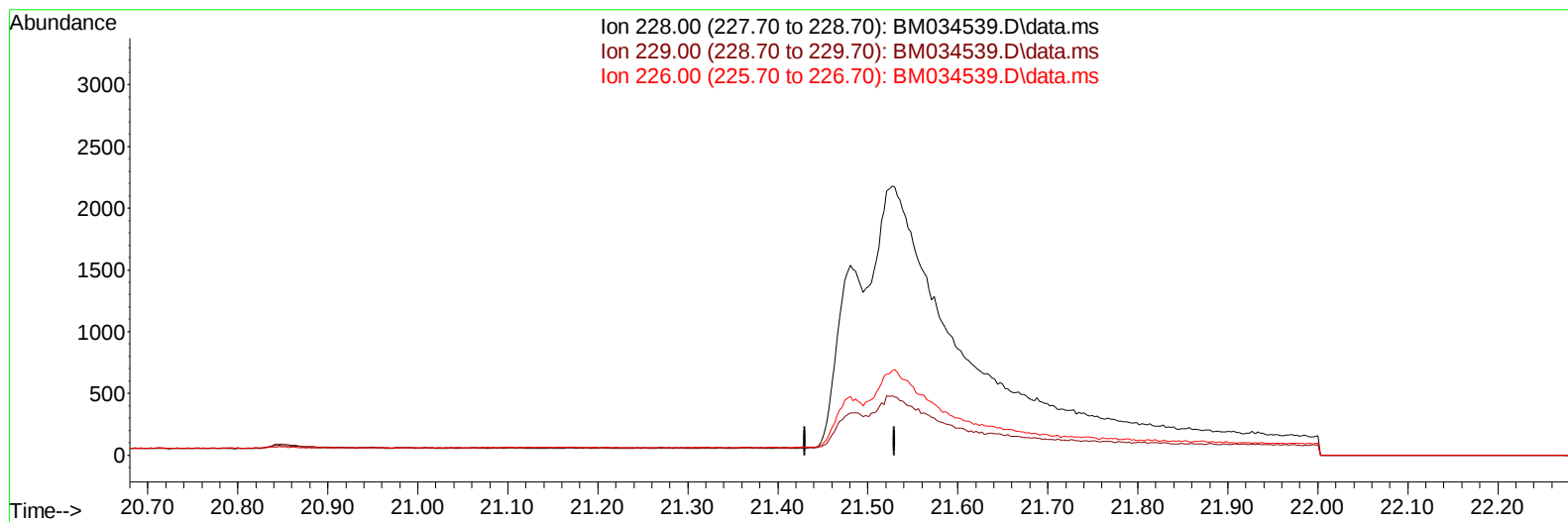
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040722\  
 Data File : BM034539.D  
 Acq On : 07 Apr 2022 09:34  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Apr 08 04:52:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM040422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 07 12:11:55 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022  
 Supervised By :mohammad ahmed 04/11/2022



TIC: BM034539.D\data.ms

**(21) Benzo(a)anthracene**

21.480min (-21.480) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 228.00 | 100.00 | 0.00  |
| 229.00 | 21.60  | 0.00# |
| 226.00 | 29.00  | 0.00# |
| 0.00   | 0.00   | 0.00  |

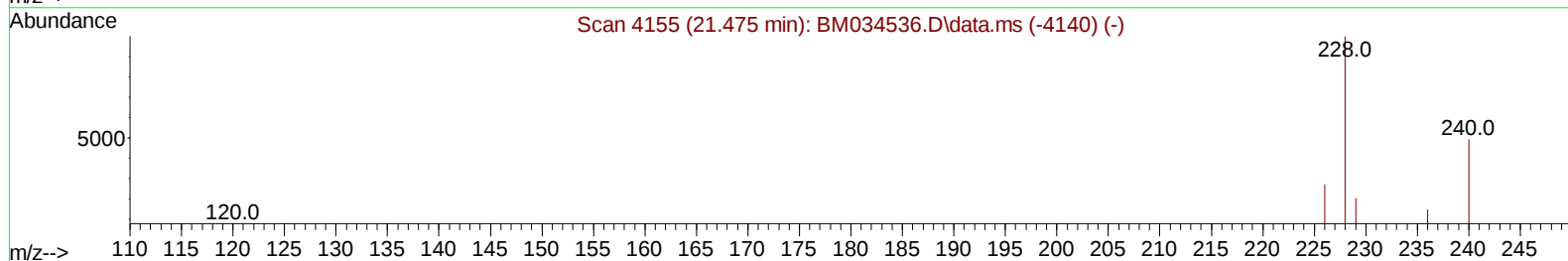
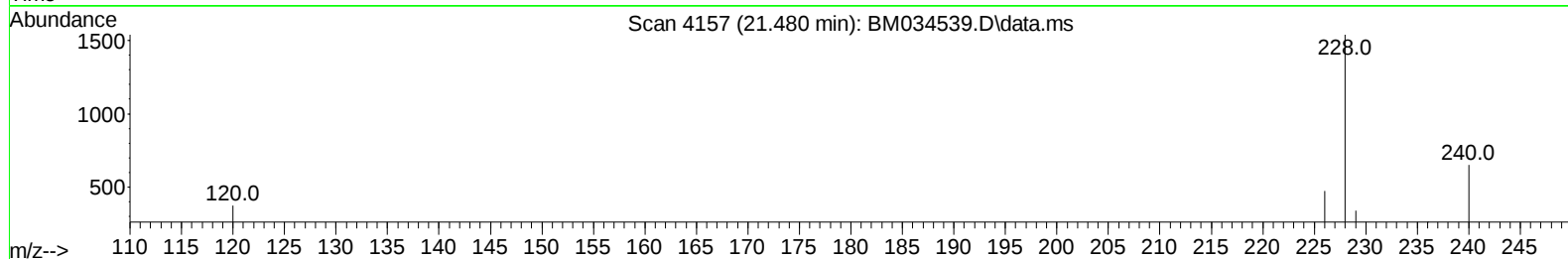
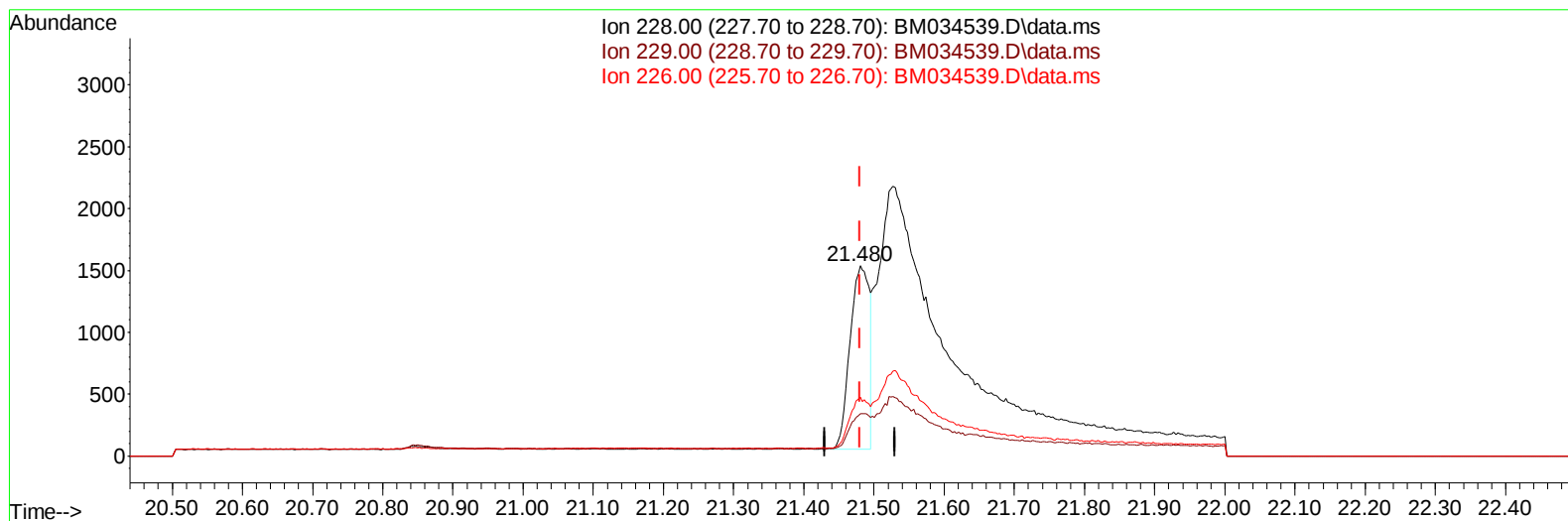
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TIC: BM034539.D\data.ms

(21) Benzo(a)anthracene

21.480min (+ 0.000) 0.30 ng/u1 m

response 2830

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 21.60  | 22.09  |
| 226.00 | 29.00  | 30.73  |
| 0.00   | 0.00   | 0.00   |

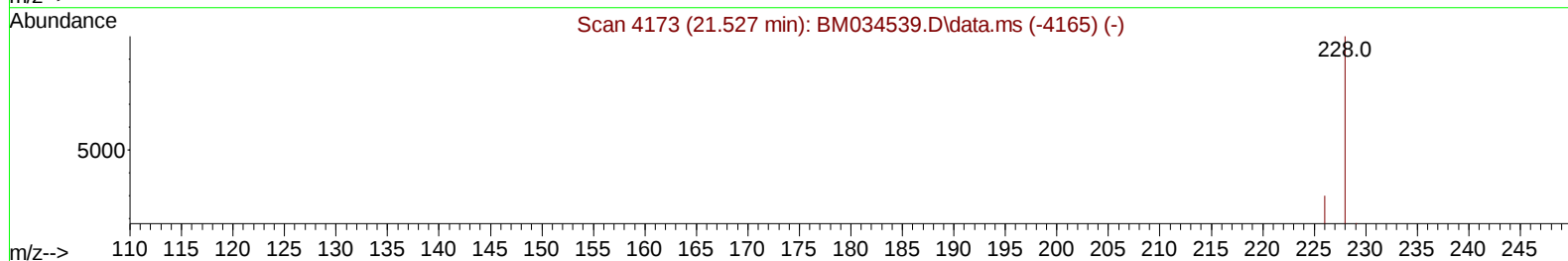
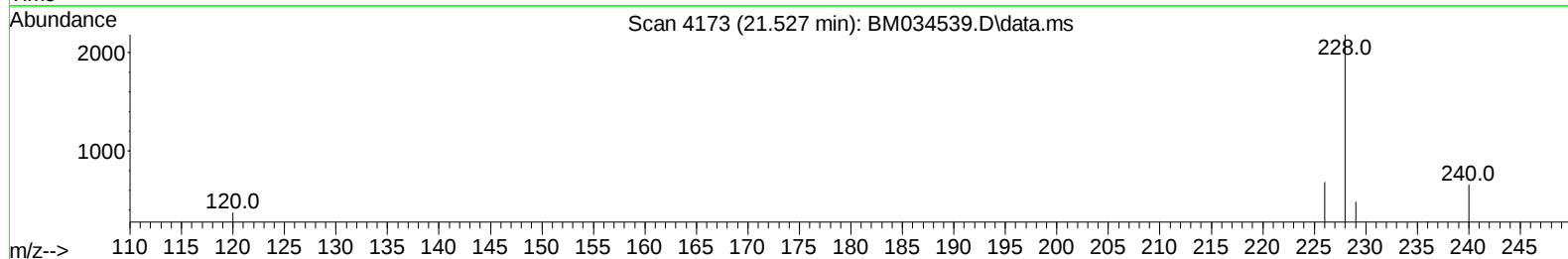
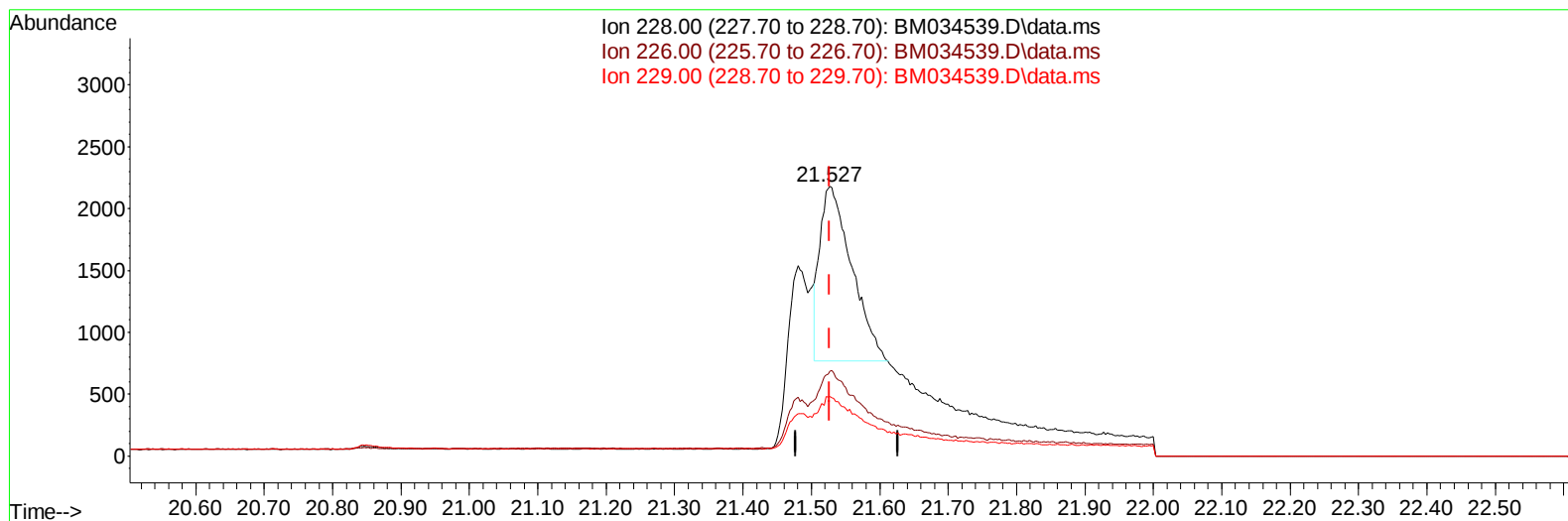
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040722\  
 Data File : BM034539.D  
 Acq On : 07 Apr 2022 09:34  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BM034539.D\data.ms

(22) Chrysene

21.527min (-0.000) 0.42 ng/u1

response 4579

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 32.30  | 31.39  |
| 229.00 | 20.90  | 22.07  |
| 0.00   | 0.00   | 0.00   |

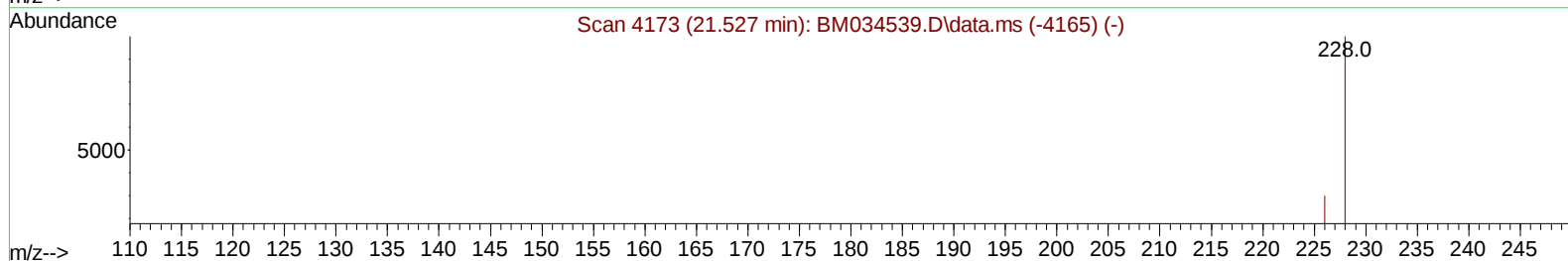
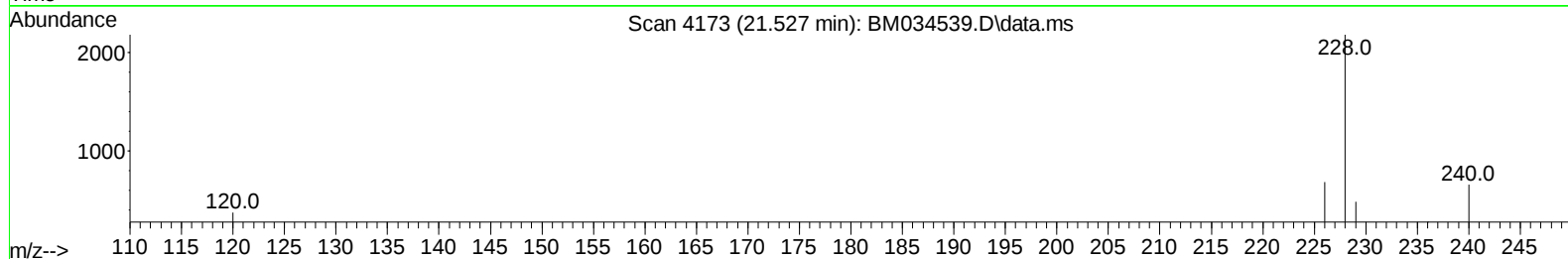
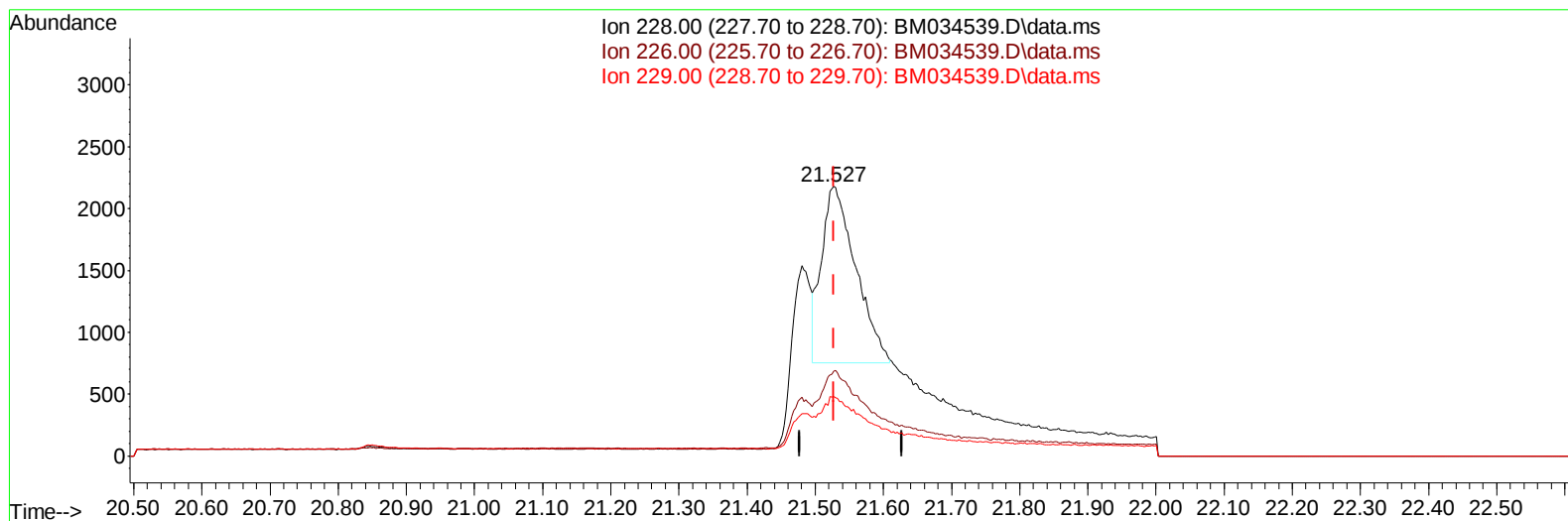
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040722\  
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 Acq On : 07 Apr 2022 09:34  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 04/11/2022



TIC: BM034539.D\data.ms

(22) Chrysene

21.527min (-0.000) 0.46 ng/ul m

response 5005

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 32.30  | 31.39  |
| 229.00 | 20.90  | 22.07  |
| 0.00   | 0.00   | 0.00   |

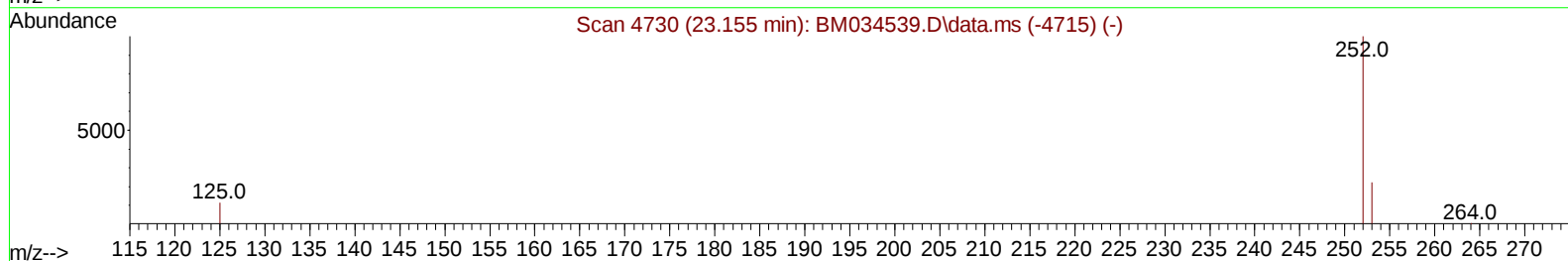
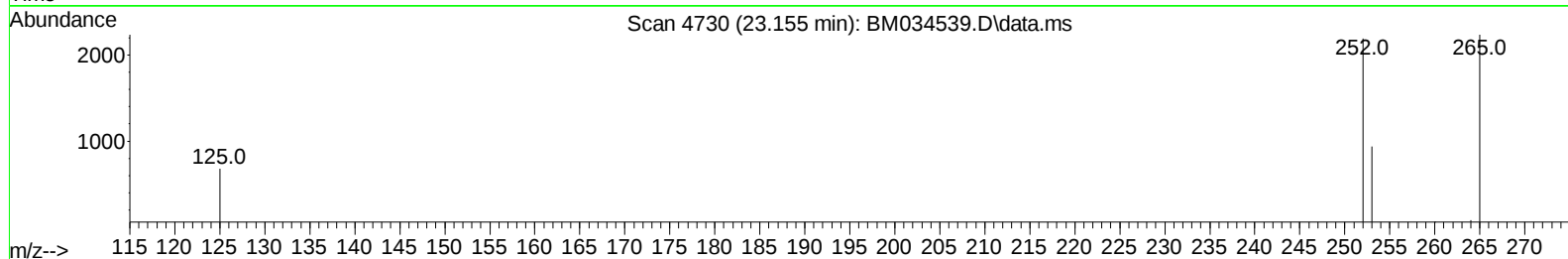
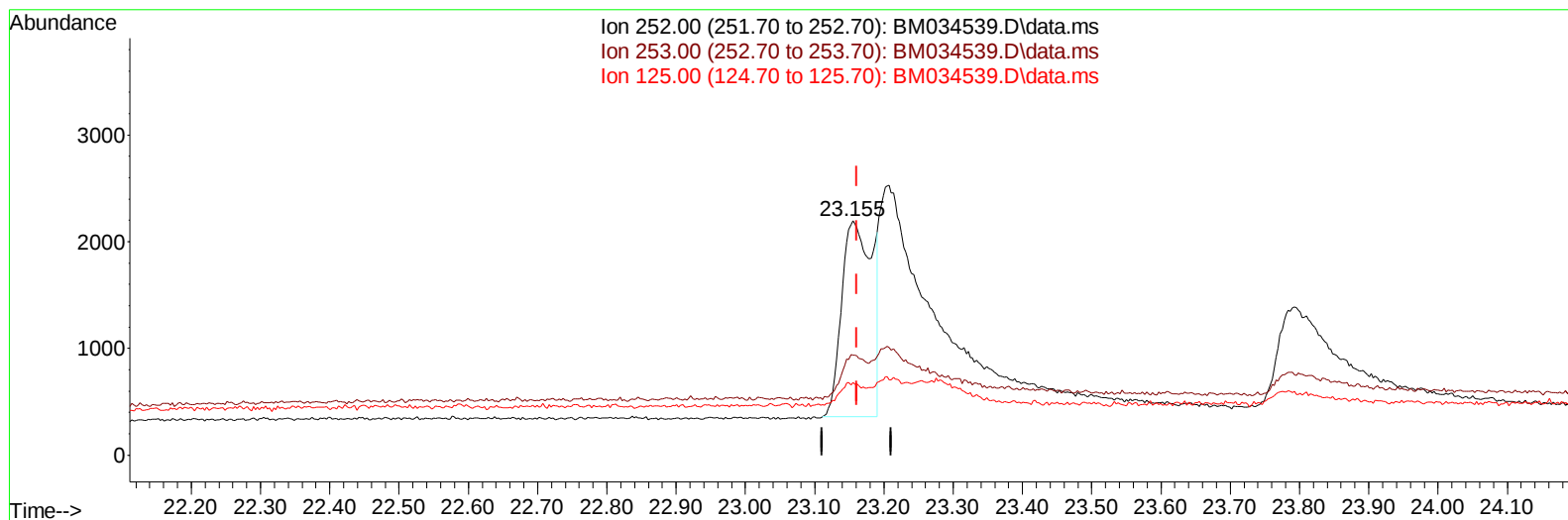
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040722\  
 Data File : BM034539.D  
 Acq On : 07 Apr 2022 09:34  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BM034539.D\data.ms

(24) Benzo(b)fluoranthene

23.155min (-0.006) 0.46 ng/u1

response 5654

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 42.62  |
| 125.00 | 14.40  | 30.99# |
| 0.00   | 0.00   | 0.00   |

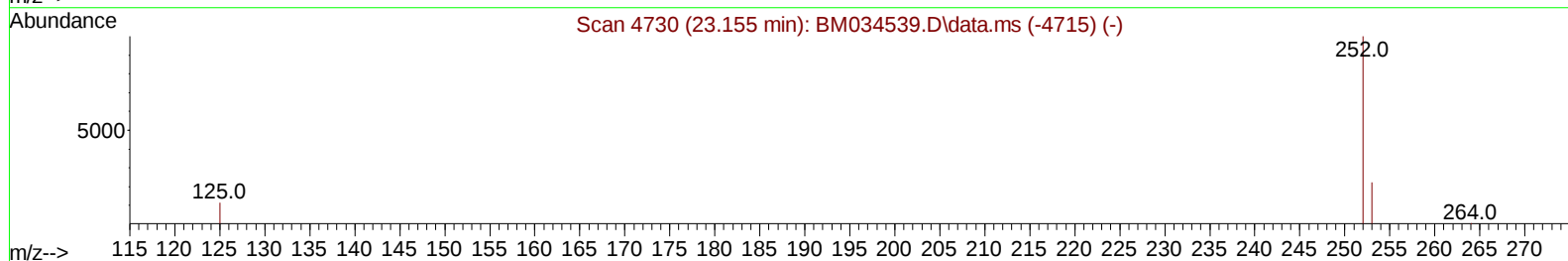
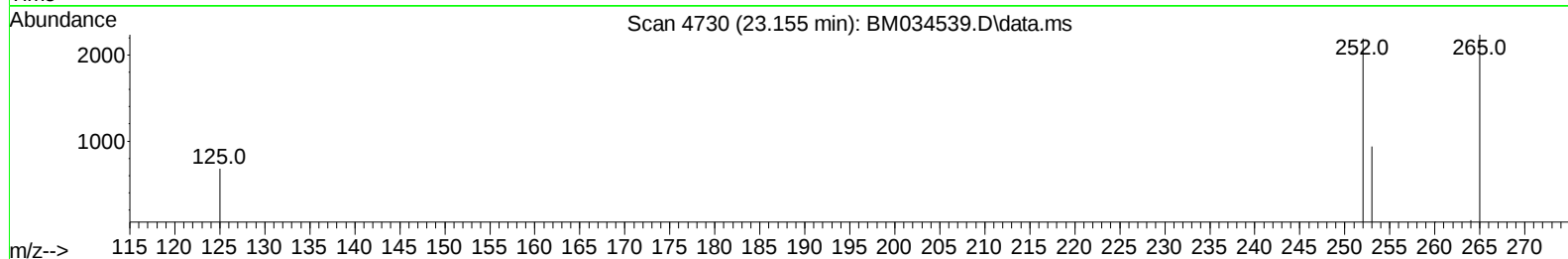
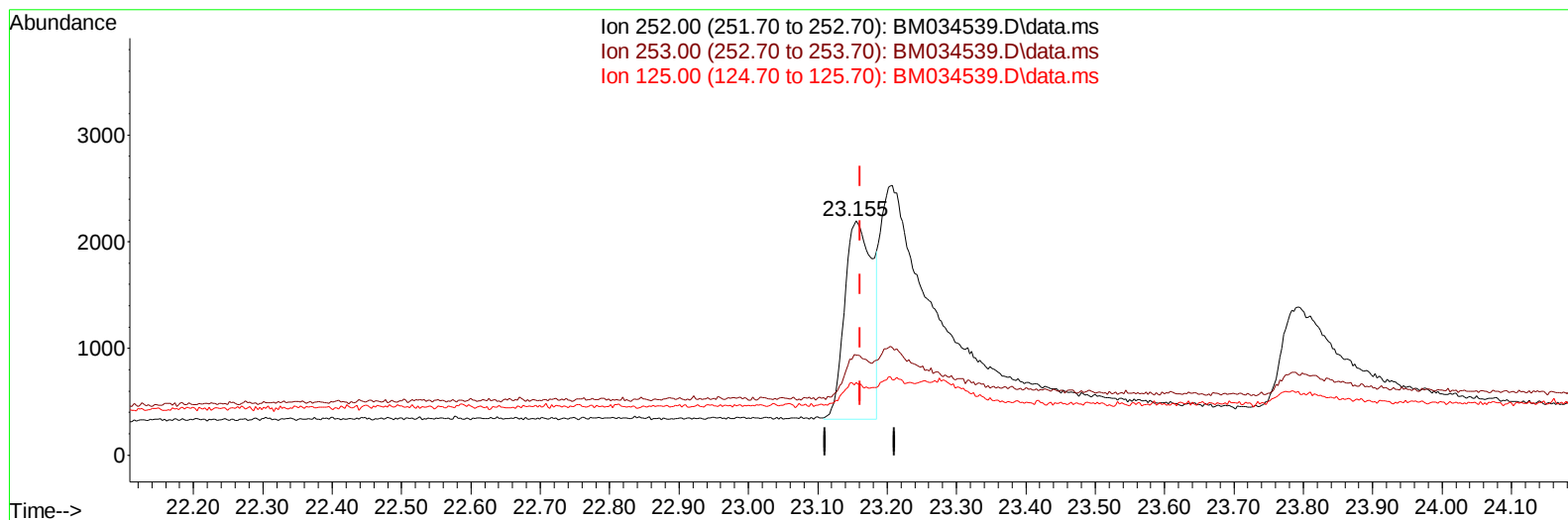
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040722\  
Data File : BM034539.D  
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Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 07 12:11:55 2022  
Response via : Initial Calibration

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Supervised By :mohammad ahmed 04/11/2022



TIC: BM034539.D\data.ms

(24) Benzo(b)fluoranthene

23.155min (-0.006) 0.42 ng/u1 m

response 5169

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 42.62  |
| 125.00 | 14.40  | 30.99# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040722\  
 Data File : BM034539.D  
 Acq On : 07 Apr 2022 09:34  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 04/11/2022  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.929  | 152  | 2237     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.730 | 136  | 7029     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.555 | 164  | 3493     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.308 | 188  | 4508     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.492 | 240  | 4268     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.892 | 264  | 3747     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.292  | 96   | 1740     | 0.464 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.330 | 152  | 3691     | 0.400 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.334 | 212  | 5502     | 0.439 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.330  | 88   | 1823     | 0.488 | ng/ul# | 66       |
| 5) Naphthalene              | 10.785 | 128  | 8348     | 0.380 | ng/ul# | 91       |
| 7) 2-Methylnaphthalene      | 12.401 | 142  | 4863     | 0.405 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.610 | 142  | 5010     | 0.415 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.282 | 152  | 6712     | 0.415 | ng/ul# | 93       |
| 11) Acenaphthene            | 14.620 | 153  | 5476     | 0.418 | ng/ul  | 95       |
| 12) Fluorene                | 15.614 | 166  | 5210     | 0.386 | ng/ul  | 96       |
| 14) Pentachlorophenol       | 16.978 | 266  | 737      | 0.386 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.350 | 178  | 6599     | 0.451 | ng/ul  | 99       |
| 16) Anthracene              | 17.455 | 178  | 4410     | 0.397 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.362 | 202  | 7760     | 0.433 | ng/ul# | 95       |
| 20) Pyrene                  | 19.719 | 202  | 9411     | 0.450 | ng/ul# | 92       |
| 21) Benzo(a)anthracene      | 21.480 | 228  | 2830m    | 0.305 | ng/ul  |          |
| 22) Chrysene                | 21.527 | 228  | 5005m    | 0.456 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.155 | 252  | 5169m    | 0.422 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.208 | 252  | 4307     | 0.394 | ng/ul# | 83       |
| 26) Benzo(a)pyrene          | 23.792 | 252  | 5565     | 0.389 | ng/ul# | 67       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.401 | 276  | 7367     | 0.428 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.458 | 278  | 5356     | 0.427 | ng/ul# | 68       |
| 29) Benzo(g,h,i)perylene    | 27.149 | 276  | 8221     | 0.441 | ng/ul# | 95       |
| -----                       |        |      |          |       |        |          |

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

