

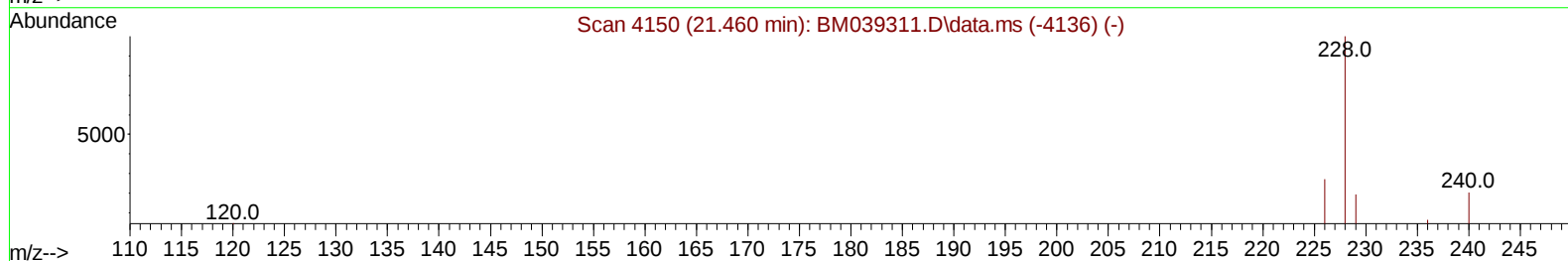
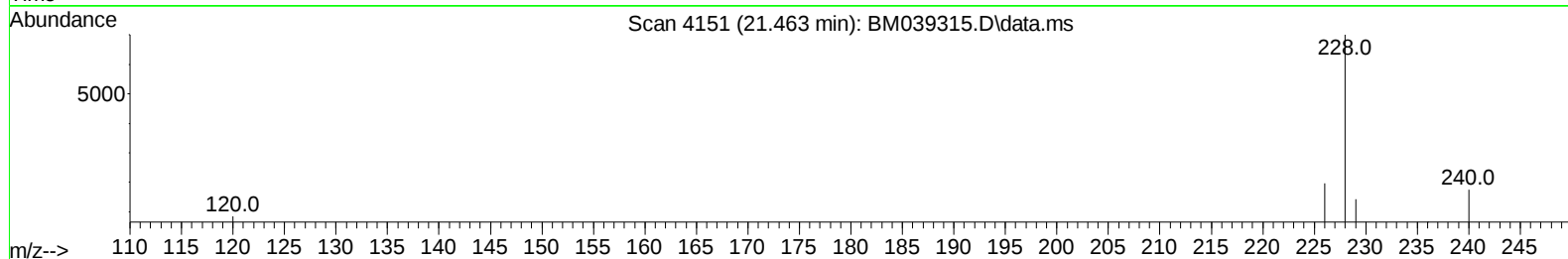
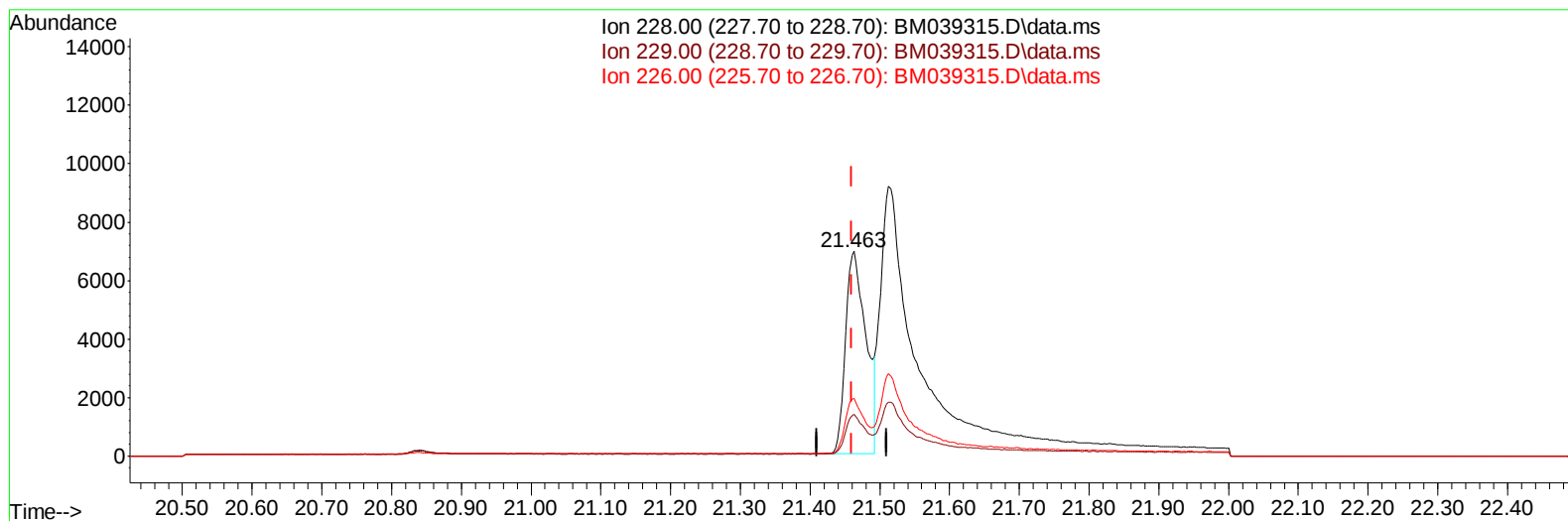
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040623\  
 Data File : BM039315.D  
 Acq On : 06 Apr 2023 13:33  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SICV021

Manual IntegrationsAPPROVED

Quant Time: Apr 06 23:59:41 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM040623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 06 23:58:10 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/07/2023  
 Supervised By :Jagrut Upadhyay 04/07/2023



TIC: BM039315.D\data.ms

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

21.463min (+ 0.003) 0.45 ng/u1

response 14158

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 20.70  | 20.39  |
| 226.00 | 28.30  | 28.12  |
| 0.00   | 0.00   | 0.00   |

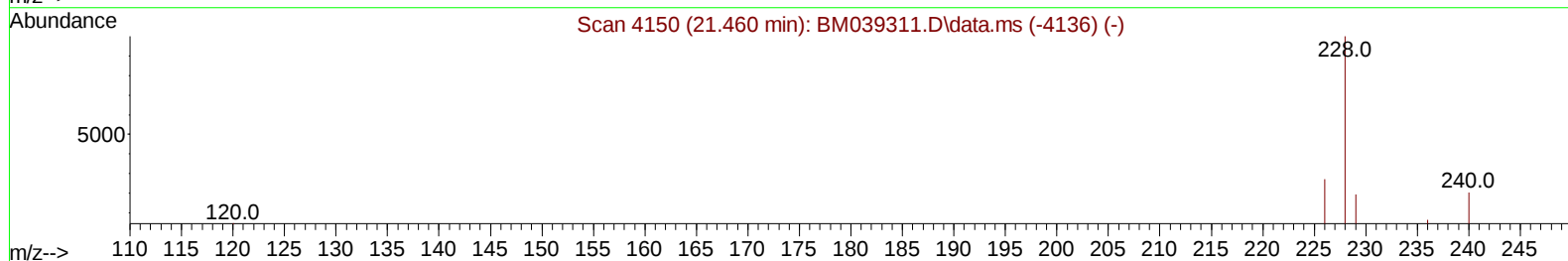
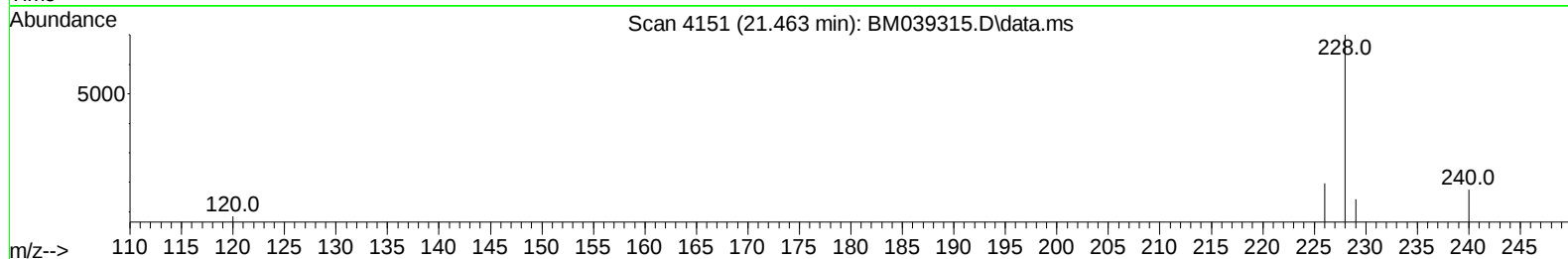
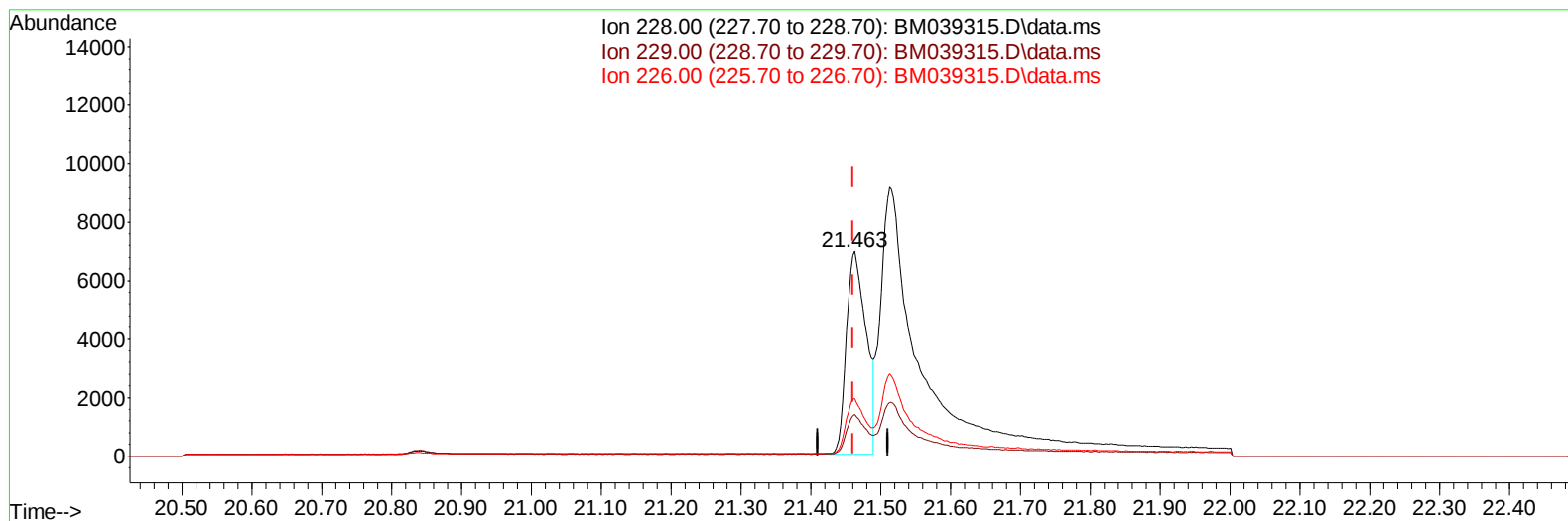
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TIC: BM039315.D\data.ms

(21) Benzo(a)anthracene

21.463min (+ 0.003) 0.43 ng/ul m

response 13603

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 20.70  | 20.39  |
| 226.00 | 28.30  | 28.12  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040623\  
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 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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 SICV021

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.904  | 152  | 3580     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.702 | 136  | 17468    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.537 | 164  | 10231    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.291 | 188  | 15621    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.480 | 240  | 13779    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.868 | 264  | 14689    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.263  | 96   | 3396     | 0.512 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.297 | 152  | 9503     | 0.471 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.320 | 212  | 19507    | 0.454 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.296  | 88   | 3643     | 0.513 | ng/ul# | 90       |
| 5) Naphthalene              | 10.752 | 128  | 19032    | 0.458 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.368 | 142  | 10673    | 0.457 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.583 | 142  | 12177    | 0.461 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.259 | 152  | 18164    | 0.458 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.601 | 153  | 14650    | 0.469 | ng/ul  | 99       |
| 12) Fluorene                | 15.591 | 166  | 14589    | 0.469 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.957 | 266  | 1552     | 0.417 | ng/ul# | 81       |
| 15) Phenanthrene            | 17.329 | 178  | 19887    | 0.459 | ng/ul  | 99       |
| 16) Anthracene              | 17.426 | 178  | 14438    | 0.438 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.348 | 202  | 25577    | 0.448 | ng/ul  | 100      |
| 20) Pyrene                  | 19.710 | 202  | 29943    | 0.458 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.463 | 228  | 13603m   | 0.428 | ng/ul  |          |
| 22) Chrysene                | 21.513 | 228  | 19183    | 0.492 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.140 | 252  | 21139    | 0.454 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.187 | 252  | 19301    | 0.434 | ng/ul  | 93       |
| 26) Benzo(a)pyrene          | 23.766 | 252  | 20771    | 0.442 | ng/ul  | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.357 | 276  | 24276    | 0.410 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.377 | 278  | 16585    | 0.401 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.109 | 276  | 23447    | 0.413 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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