

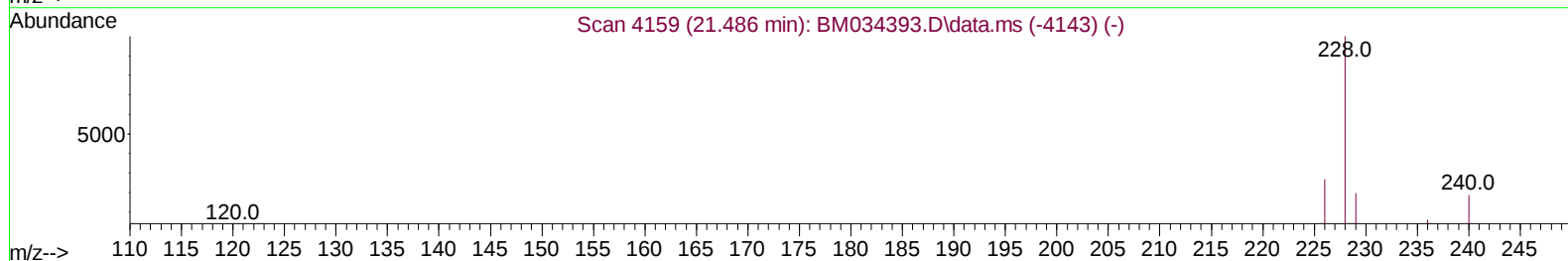
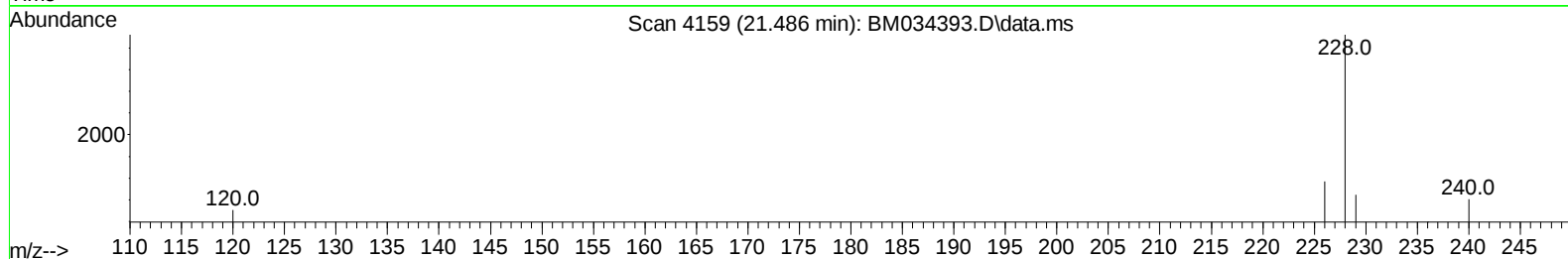
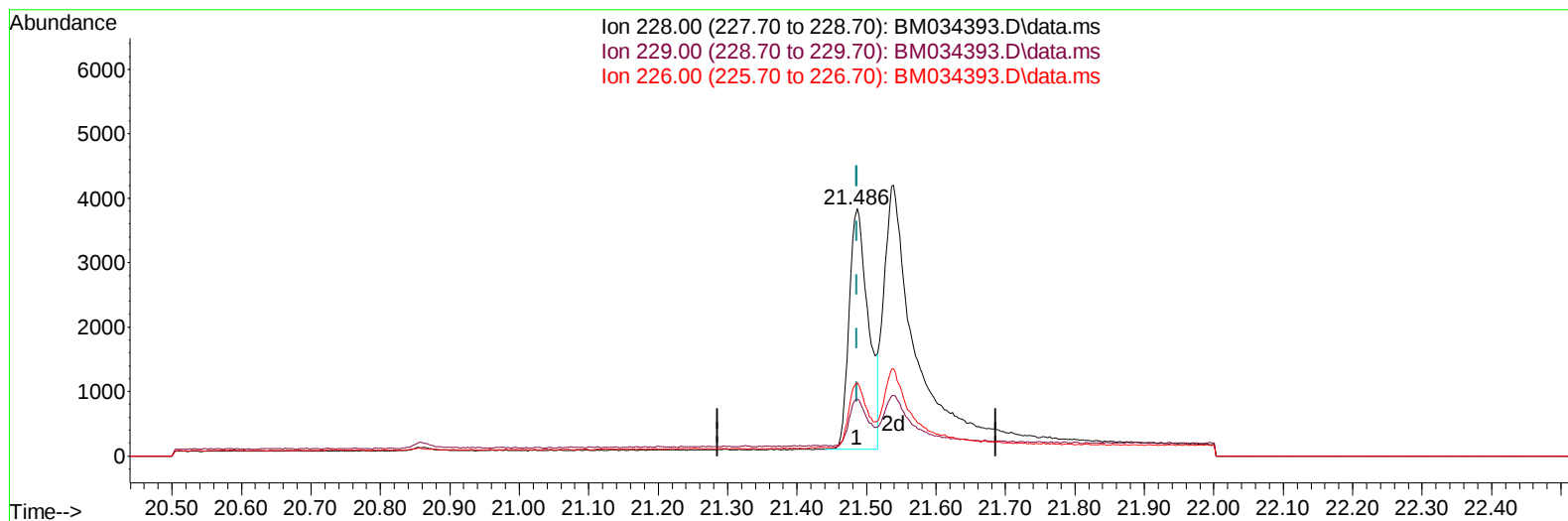
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032822\  
Data File : BM034393.D  
Acq On : 28 Mar 2022 16:01  
Operator : CG/JU  
Sample : SST0.410  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SST0.4010

## Manual IntegrationsAPPROVED

Quant Time: Mar 28 17:17:37 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 28 17:15:47 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/29/2022  
Supervised By :mohammad ahmed 03/29/2022



TIC: BM034393.D\data.ms

## (21) Benzo(a)anthracene

21.486min ( 0.000) 0.35 ng/u1

response 7179

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 21.60  | 23.13  |
| 226.00 | 29.00  | 29.64  |
| 0.00   | 0.00   | 0.00   |

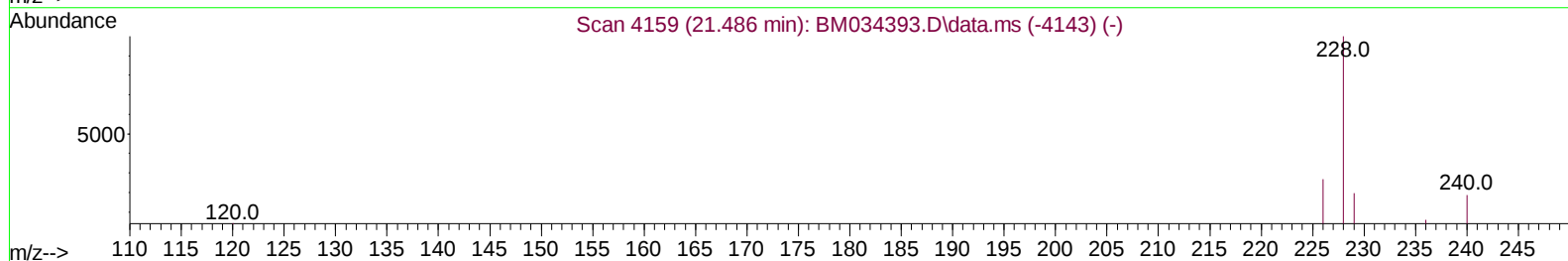
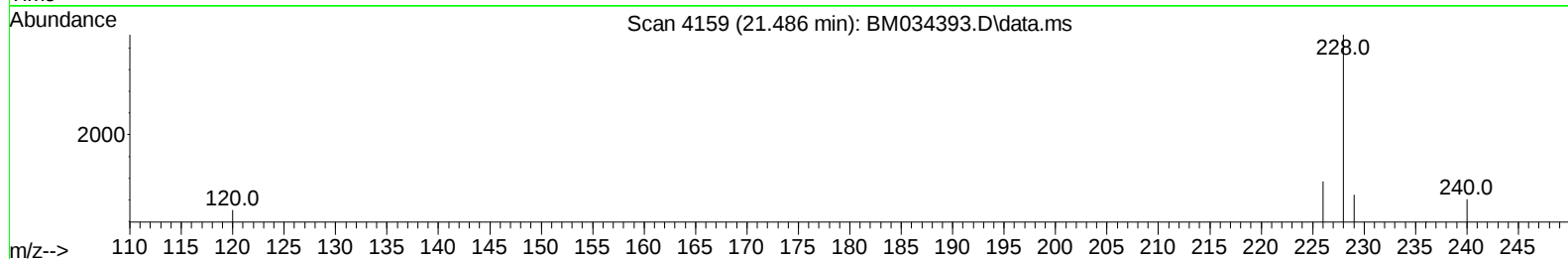
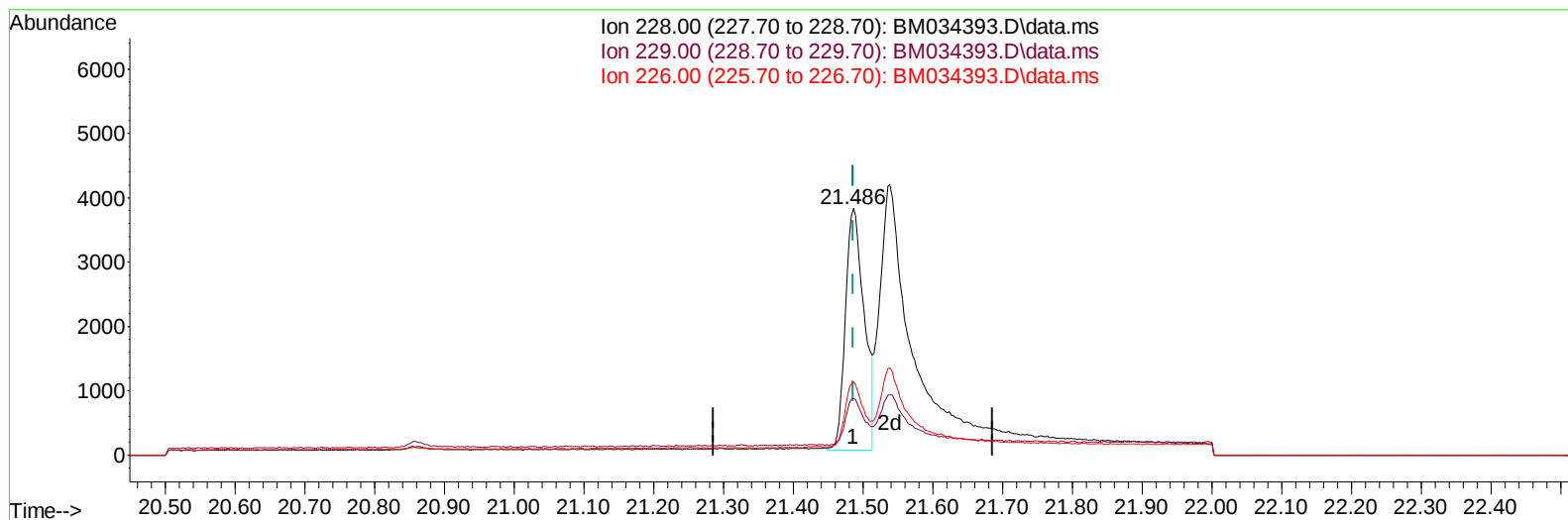
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TIC: BM034393.D\data.ms

(21) Benzo(a)anthracene

21.486min ( 0.000) 0.35 ng/ul m

response 7002

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 21.60  | 23.13  |
| 226.00 | 29.00  | 29.64  |
| 0.00   | 0.00   | 0.00   |

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 Data File : BM034393.D  
 Acq On : 28 Mar 2022 16:01  
 Operator : CG/JU  
 Sample : SSTD0.410  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4010

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.937  | 152  | 2704     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.752 | 136  | 7606     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.578 | 164  | 3951     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.324 | 188  | 6887     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.501 | 240  | 5806     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.915 | 264  | 6353     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.305  | 96   | 1756     | 0.558 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.341 | 152  | 4167     | 0.356 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.348 | 212  | 7441     | 0.425 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.343  | 88   | 1960     | 0.642 | ng/ul# | 79       |
| 5) Naphthalene              | 10.801 | 128  | 8948     | 0.428 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.418 | 142  | 5485     | 0.372 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.632 | 142  | 5462     | 0.372 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.301 | 152  | 7791     | 0.468 | ng/ul# | 92       |
| 11) Acenaphthene            | 14.638 | 153  | 5869     | 0.436 | ng/ul  | 97       |
| 12) Fluorene                | 15.628 | 166  | 6168     | 0.378 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.991 | 266  | 1163     | 0.527 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.367 | 178  | 8841     | 0.425 | ng/ul  | 97       |
| 16) Anthracene              | 17.459 | 178  | 7758     | 0.411 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.375 | 202  | 10408    | 0.437 | ng/ul  | 98       |
| 20) Pyrene                  | 19.738 | 202  | 11667    | 0.489 | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.486 | 228  | 7002m    | 0.346 | ng/ul  |          |
| 22) Chrysene                | 21.539 | 228  | 8489     | 0.395 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.175 | 252  | 8532     | 0.330 | ng/ul# | 78       |
| 25) Benzo(k)fluoranthene    | 23.225 | 252  | 8275     | 0.315 | ng/ul# | 81       |
| 26) Benzo(a)pyrene          | 23.807 | 252  | 8835     | 0.405 | ng/ul# | 66       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.434 | 276  | 11837    | 0.388 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.458 | 278  | 8785     | 0.353 | ng/ul# | 77       |
| 29) Benzo(g,h,i)perylene    | 27.206 | 276  | 11699    | 0.437 | ng/ul# | 92       |
| -----                       |        |      |          |       |        |          |

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

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