

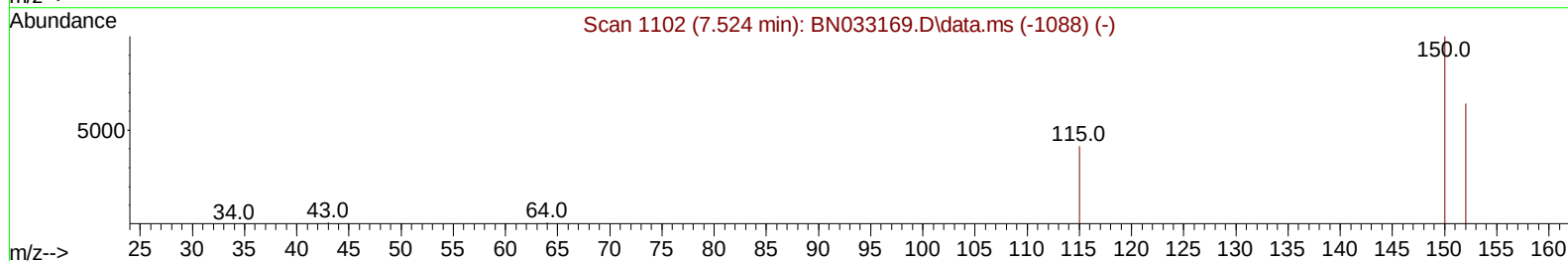
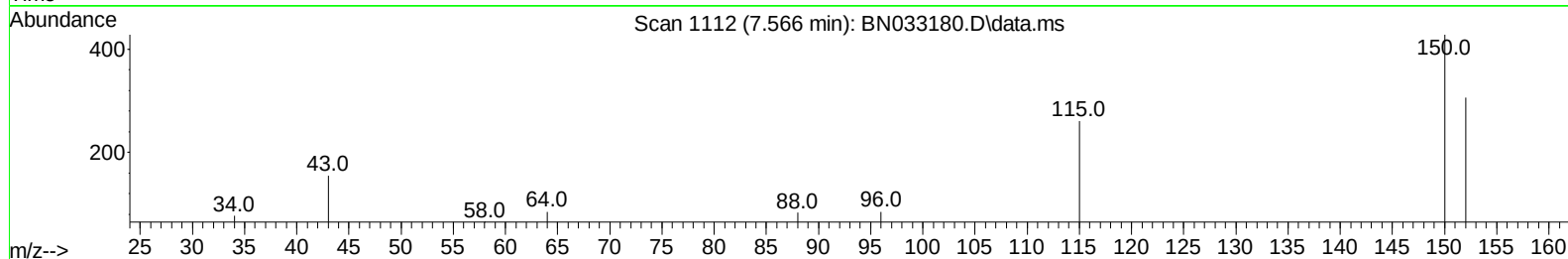
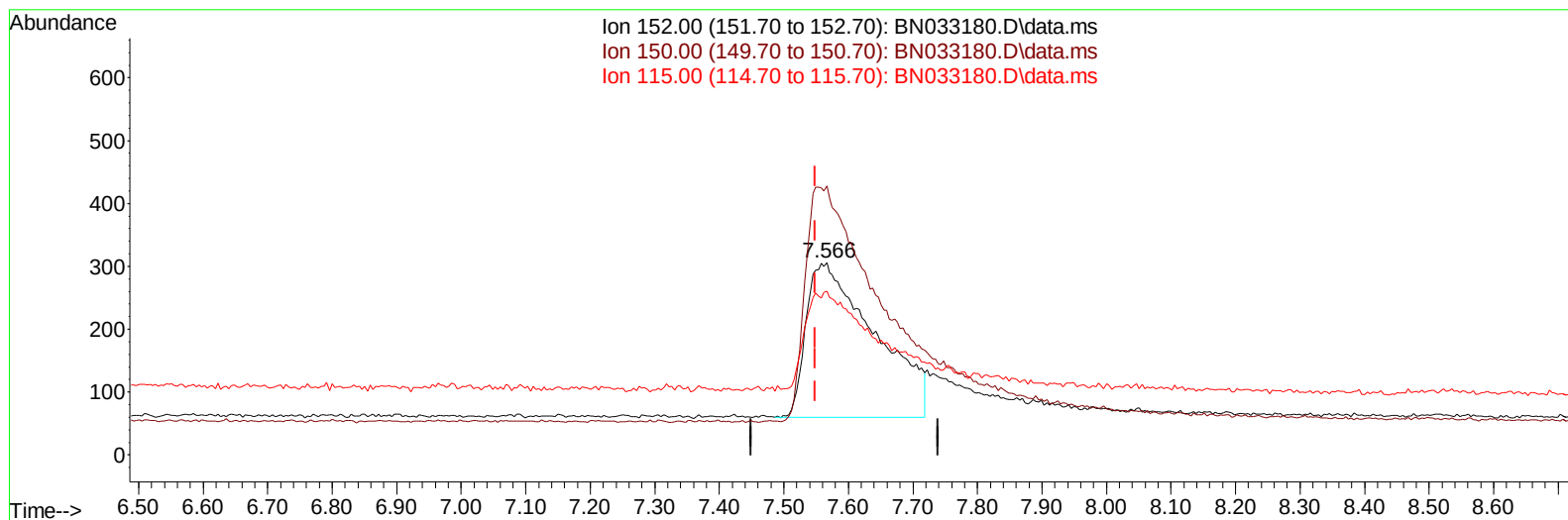
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080224\  
Data File : BN033180.D  
Acq On : 01 Aug 2024 23:06  
Operator : MA/JU  
Sample : PB162411BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS411

Manual IntegrationsAPPROVED

Quant Time: Aug 01 23:34:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN072524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 30 14:49:49 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024  
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033180.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.566min (+ 0.017) 0.40 ng/ul

response 1818

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 143.10 | 139.87 |
| 115.00 | 84.50  | 85.29  |
| 0.00   | 0.00   | 0.00   |

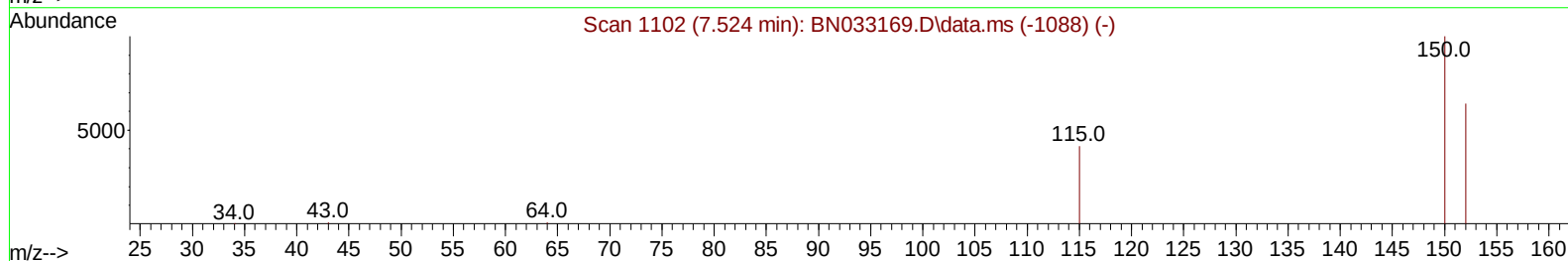
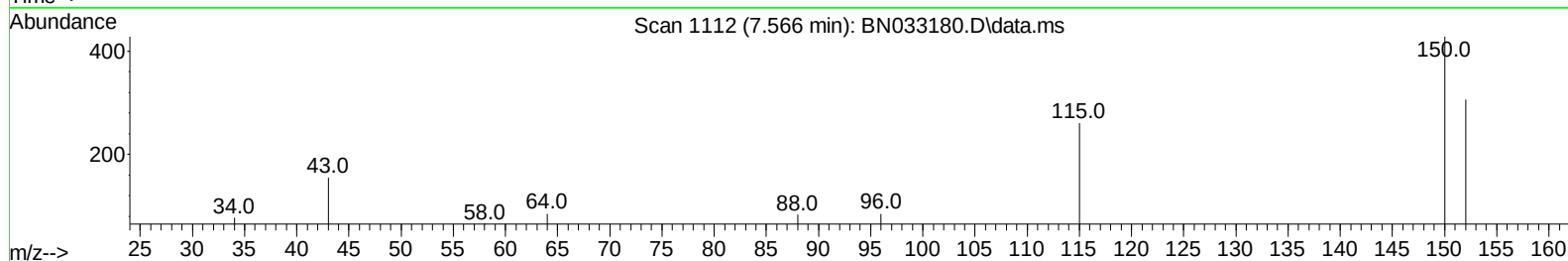
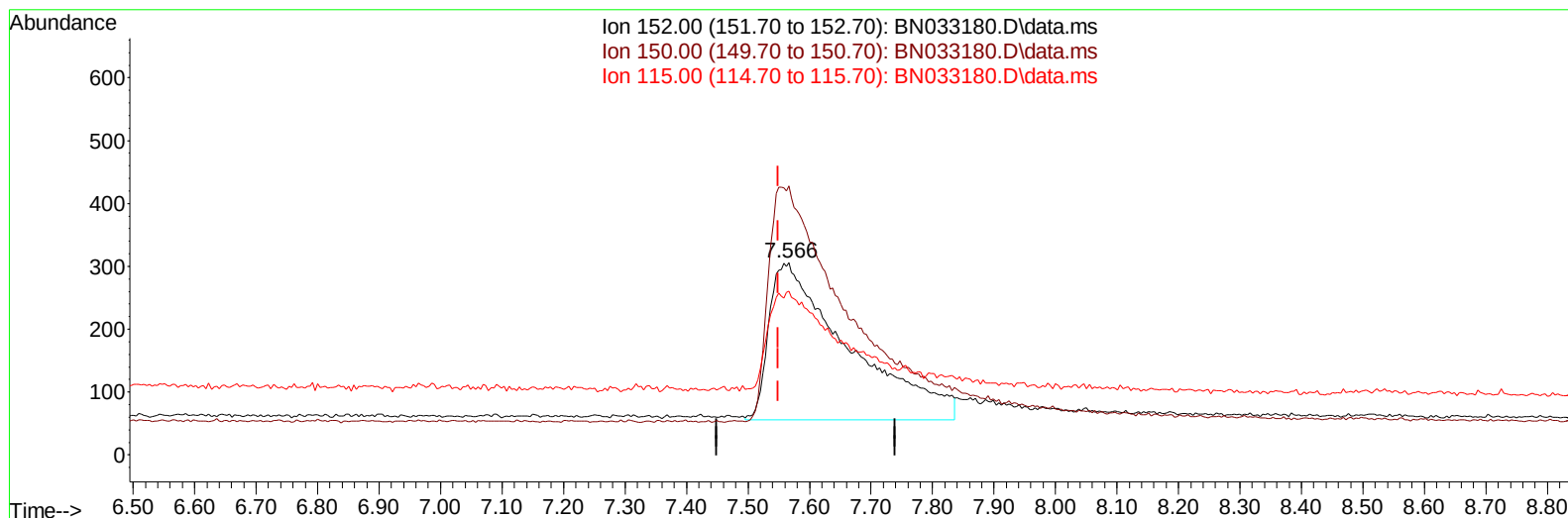
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TIC: BN033180.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.566min (+ 0.017) 0.40 ng/ul m

response 2246

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 143.10 | 139.87 |
| 115.00 | 84.50  | 85.29  |
| 0.00   | 0.00   | 0.00   |

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Instrument :  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.566  | 152  | 2246m    | 0.400 | ng/ul  | 0.02     |
| 4) Naphthalene-d8           | 10.317 | 136  | 6600     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.157 | 164  | 4289     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.941 | 188  | 9090     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.151 | 240  | 7381     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.343 | 264  | 7406     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.052  | 96   | 2069     | 0.728 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.934 | 152  | 3359     | 0.312 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.977 | 212  | 8760     | 0.419 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.086  | 88   | 5922     | 1.828 | ng/ul# | 68       |
| 5) Naphthalene              | 10.366 | 128  | 5987     | 0.353 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.005 | 142  | 3405     | 0.297 | ng/ul  | 95       |
| 8) 1-Methylnaphthalene      | 12.192 | 142  | 3687     | 0.297 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.893 | 152  | 5665     | 0.323 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.222 | 153  | 4961     | 0.376 | ng/ul  | 98       |
| 12) Fluorene                | 15.249 | 166  | 5180     | 0.337 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.641 | 266  | 760      | 0.411 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.983 | 178  | 7992     | 0.328 | ng/ul  | 99       |
| 16) Anthracene              | 17.097 | 178  | 6439     | 0.294 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.005 | 202  | 10195    | 0.420 | ng/ul  | 99       |
| 20) Pyrene                  | 19.376 | 202  | 10828    | 0.415 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.142 | 228  | 7169     | 0.285 | ng/ul  | 98       |
| 22) Chrysene                | 21.192 | 228  | 11422    | 0.389 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.688 | 252  | 7232     | 0.334 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 22.732 | 252  | 10133    | 0.391 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.264 | 252  | 7609     | 0.374 | ng/ul  | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.564 | 276  | 9622     | 0.311 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.560 | 278  | 7513     | 0.306 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 26.238 | 276  | 7918     | 0.322 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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