

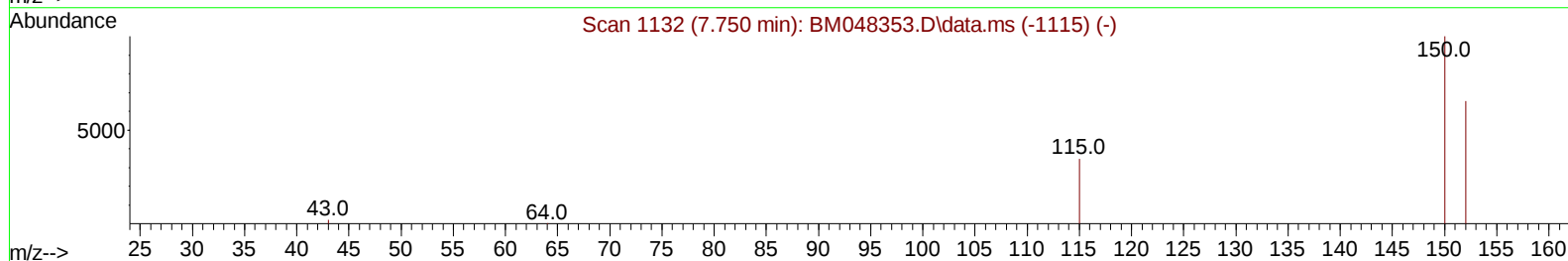
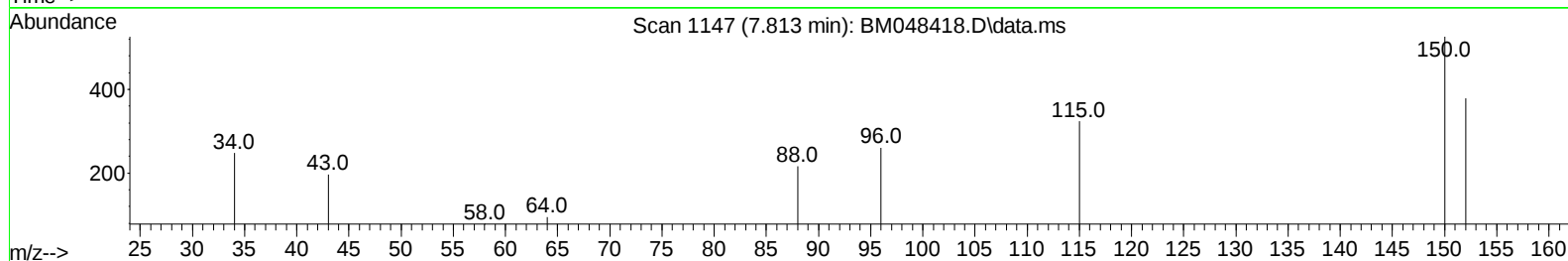
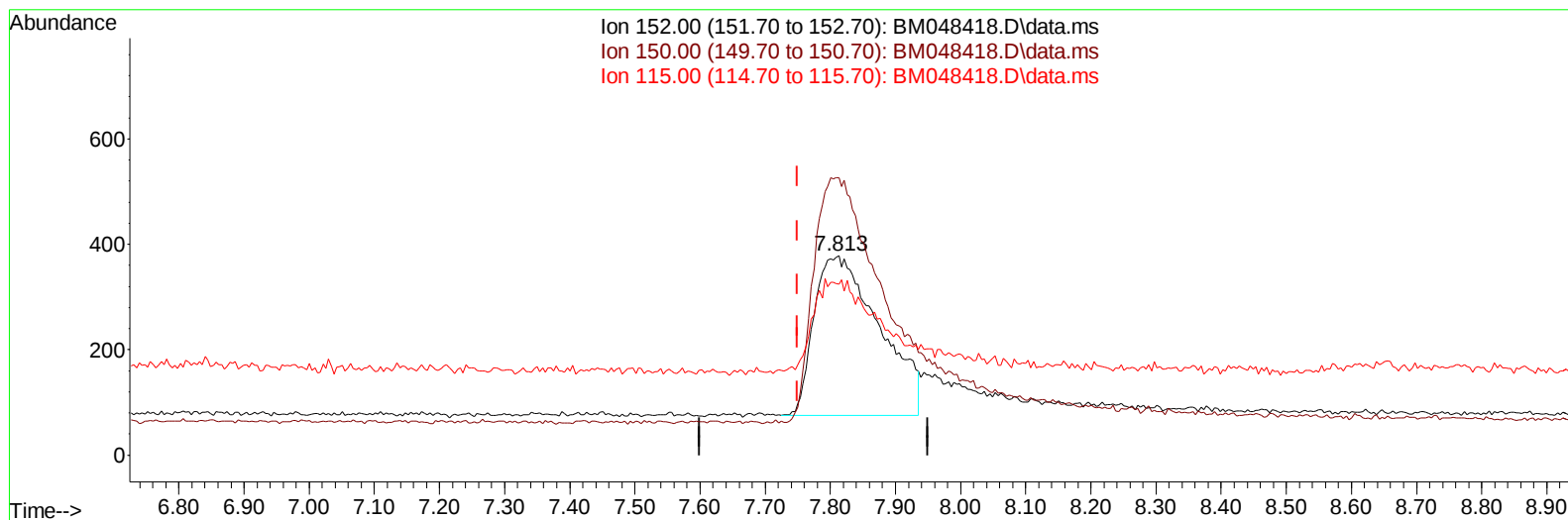
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM103124\  
Data File : BM048418.D  
Acq On : 02 Nov 2024 05:37  
Operator : RC/JU  
Sample : PB164513BS  
Misc :  
ALS Vial : 71 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SLCS513

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:52:41 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM103124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 31 14:58:12 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048418.D\data.ms

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

7.813min (+ 0.063) 0.40 ng/u1

response 2114

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 145.40 | 138.79 |
| 115.00 | 70.00  | 85.49# |
| 0.00   | 0.00   | 0.00   |

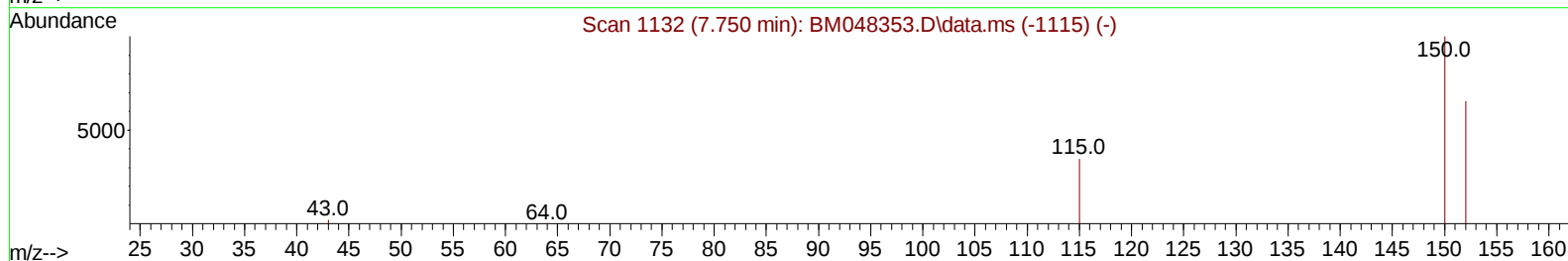
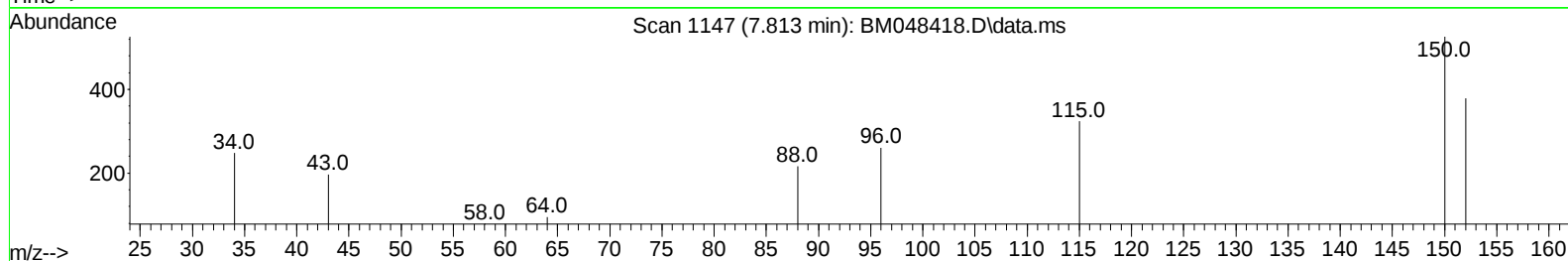
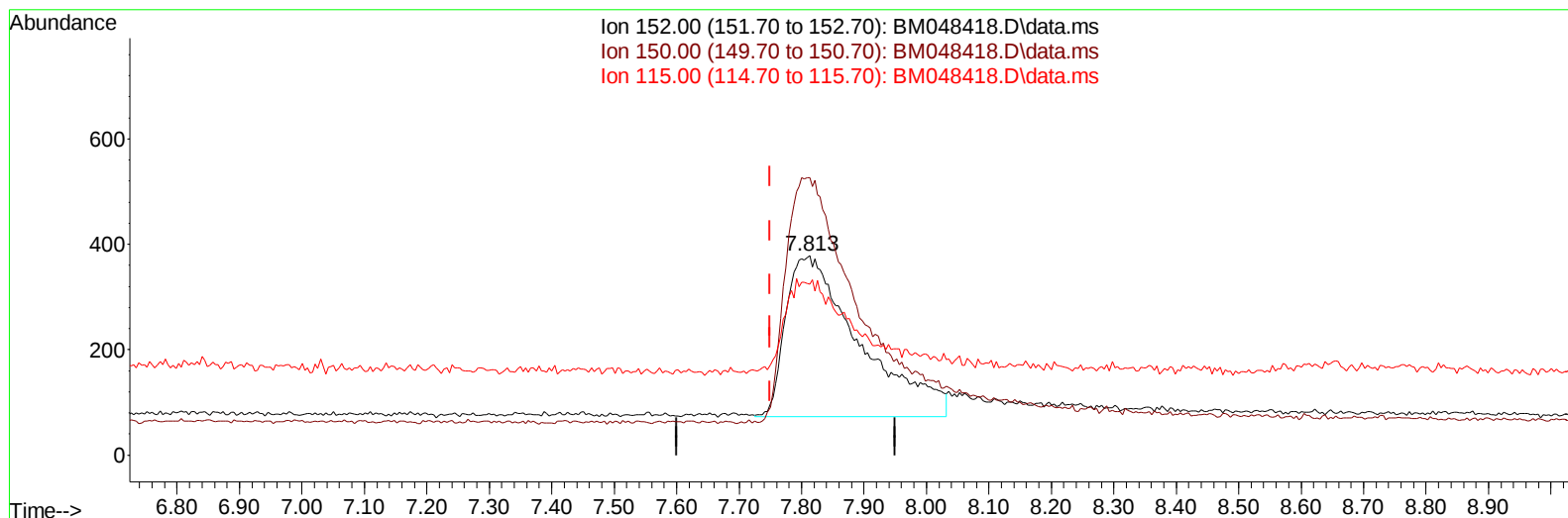
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TIC: BM048418.D\data.ms

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

7.813min (+ 0.063) 0.40 ng/ul m

response 2506

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 145.40 | 138.79 |
| 115.00 | 70.00  | 85.49# |
| 0.00   | 0.00   | 0.00   |

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.813  | 152 |     | 2506m    | 0.400 | ng/ul  | 0.06     |
| 4) Naphthalene-d8           | 10.557 | 136 |     | 8822     | 0.400 | ng/ul  | # 0.03   |
| 9) Acenaphthene-d10         | 14.372 | 164 |     | 5160     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.133 | 188 |     | 11037    | 0.400 | ng/ul  | 0.01     |
| 17) Chrysene-d12            | 21.303 | 240 |     | 8899     | 0.400 | ng/ul  | 0.01     |
| 23) Perylene-d12            | 23.539 | 264 |     | 8588     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.164  | 96  |     | 3370     | 1.095 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.179 | 152 |     | 4700     | 0.419 | ng/ul  | 0.04     |
| 18) Fluoranthene-d10        | 19.151 | 212 |     | 11713    | 0.518 | ng/ul  | 0.01     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.197  | 88  |     | 8459     | 2.533 | ng/ul# | 83       |
| 5) Naphthalene              | 10.612 | 128 |     | 8916     | 0.387 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.245 | 142 |     | 4834     | 0.352 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.438 | 142 |     | 5904     | 0.404 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.104 | 152 |     | 7689     | 0.385 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.437 | 153 |     | 6481     | 0.405 | ng/ul  | 98       |
| 12) Fluorene                | 15.455 | 166 |     | 7026     | 0.395 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.808 | 266 |     | 1872     | 0.609 | ng/ul  | 93       |
| 15) Phenanthrene            | 17.179 | 178 |     | 10089    | 0.368 | ng/ul  | 97       |
| 16) Anthracene              | 17.297 | 178 |     | 8864     | 0.345 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.183 | 202 |     | 14534    | 0.474 | ng/ul  | 98       |
| 20) Pyrene                  | 19.536 | 202 |     | 15764    | 0.479 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.295 | 228 |     | 9858     | 0.370 | ng/ul  | 99       |
| 22) Chrysene                | 21.336 | 228 |     | 18799    | 0.512 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.867 | 252 |     | 13382    | 0.456 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.911 | 252 |     | 17831    | 0.513 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.460 | 252 |     | 13181    | 0.478 | ng/ul  | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.842 | 276 |     | 17103    | 0.444 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.873 | 278 |     | 13030    | 0.434 | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 26.506 | 276 |     | 15383    | 0.474 | ng/ul  | 99       |
| -----                       |        |     |     |          |       |        |          |

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

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