

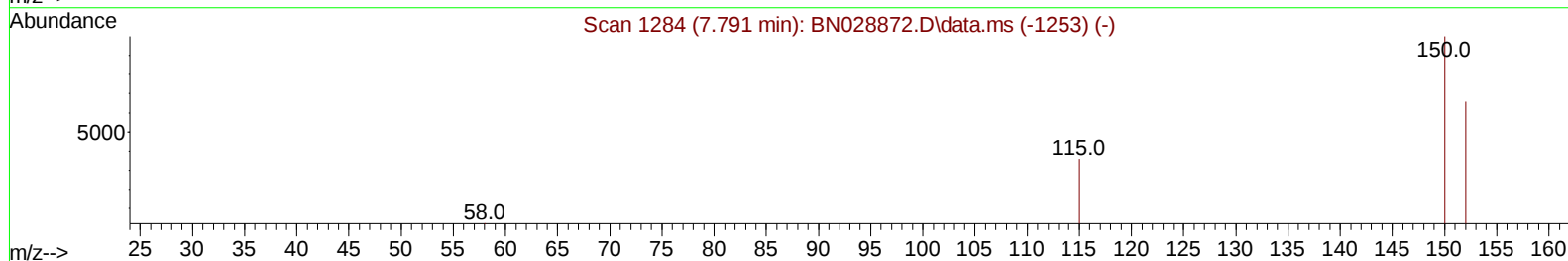
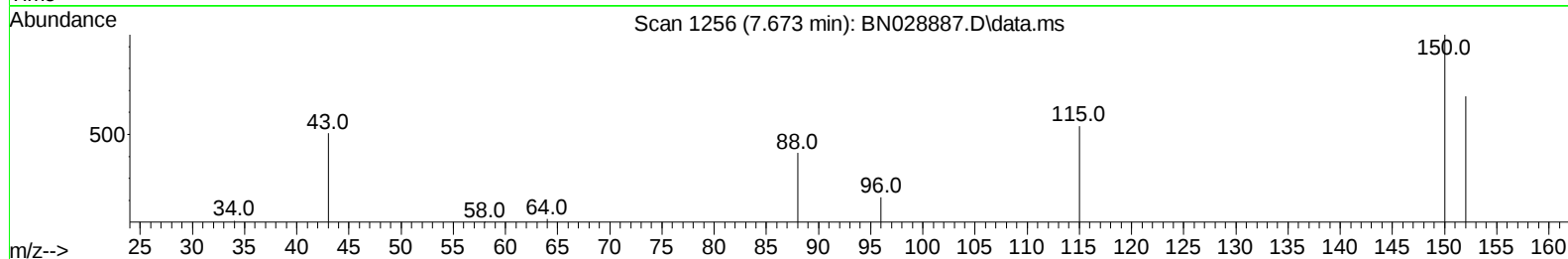
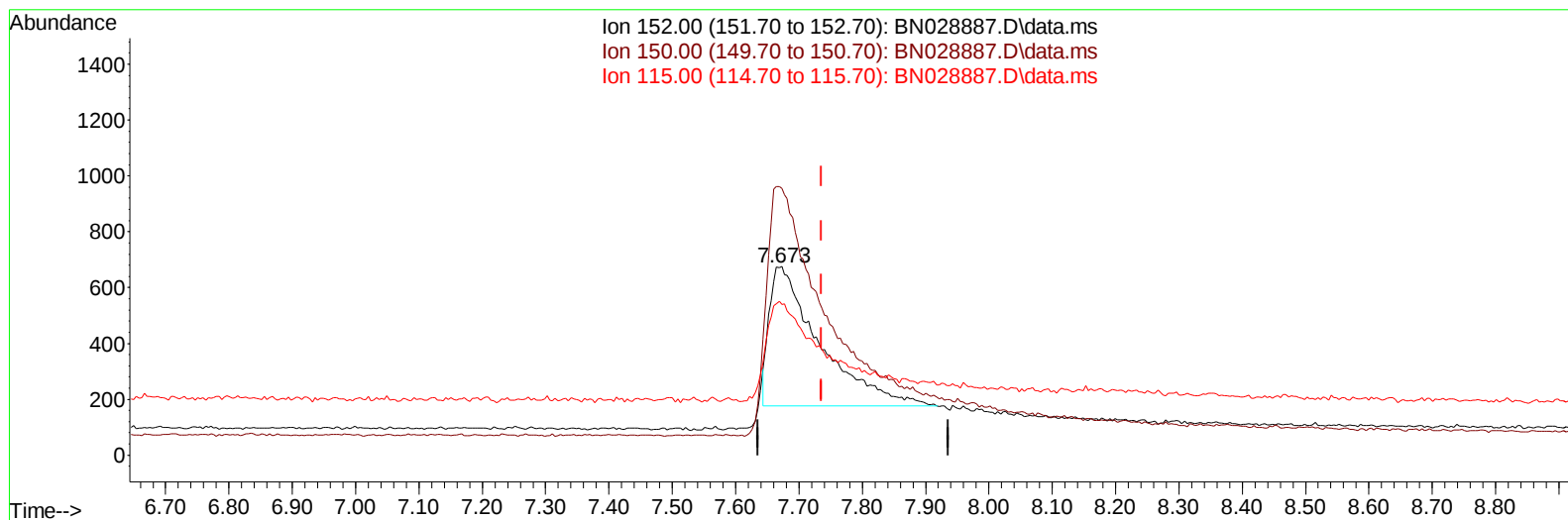
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112723\  
 Data File : BN028887.D  
 Acq On : 27 Nov 2023 20:11  
 Operator : MA/JU  
 Sample : PB157405BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS405

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:30:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN110923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 21 23:49:43 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023  
 Supervised By :mohammad ahmed 11/28/2023



TIC: BN028887.D\data.ms

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

7.673min (-0.063) 0.40 ng/u1

response 2747

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 155.30 | 141.33 |
| 115.00 | 62.20  | 79.85# |
| 0.00   | 0.00   | 0.00   |

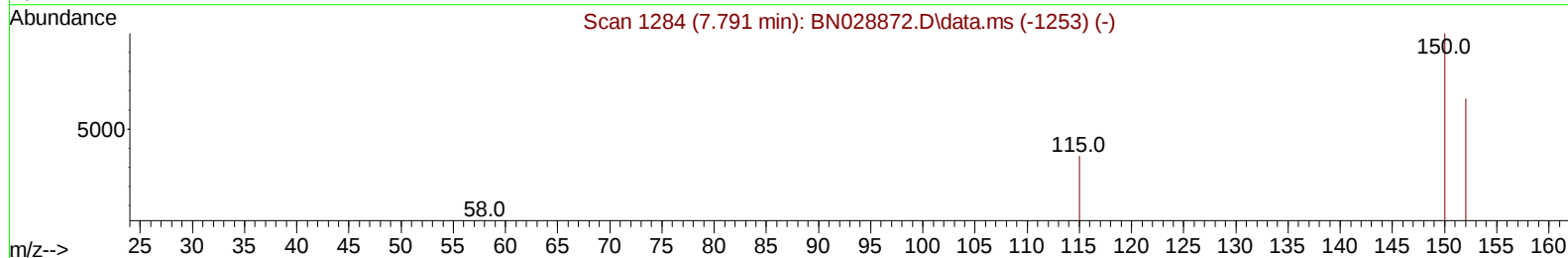
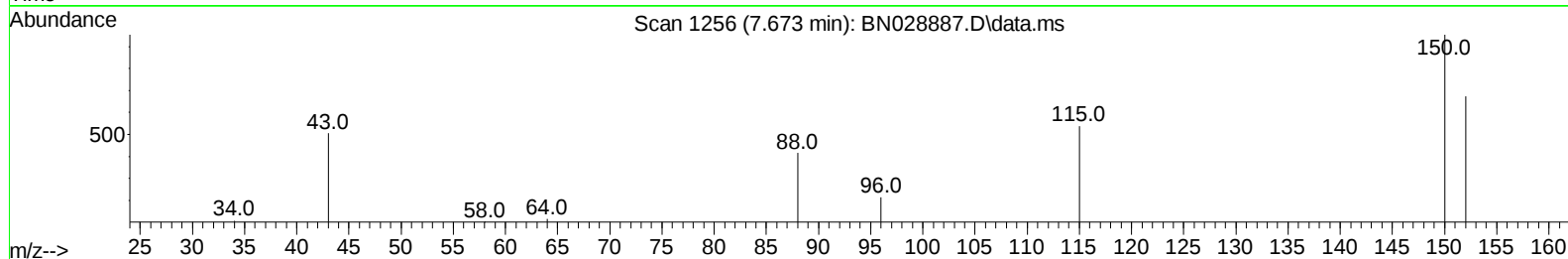
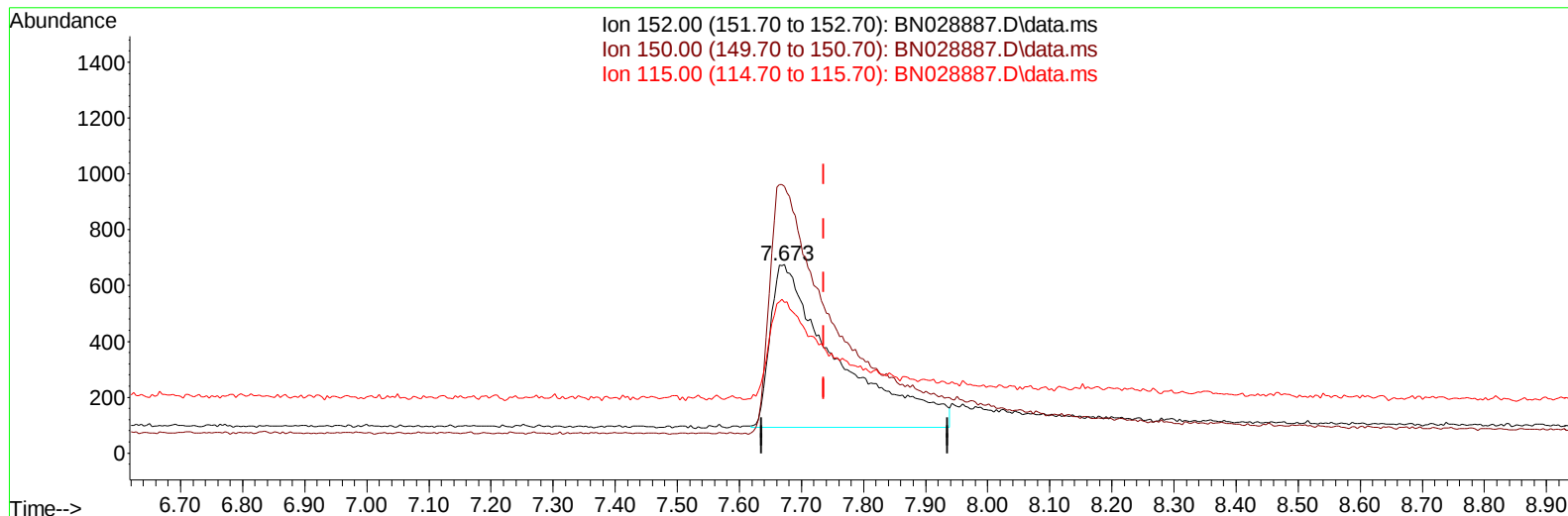
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TIC: BN028887.D\data.ms

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

7.673min (-0.063) 0.40 ng/ul m

response 4344

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 155.30 | 141.33 |
| 115.00 | 62.20  | 79.85# |
| 0.00   | 0.00   | 0.00   |

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.673  | 152  | 4344m    | 0.400 | ng/ul  | -0.06    |
| 4) Naphthalene-d8           | 10.434 | 136  | 15827    | 0.400 | ng/ul  | #-0.03   |
| 9) Acenaphthene-d10         | 14.288 | 164  | 8193     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 17.051 | 188  | 11609    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.265 | 240  | 10979    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.536 | 264  | 13515    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.104  | 96   | 4110     | 0.856 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.039 | 152  | 5912     | 0.248 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.088 | 212  | 12034    | 0.341 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.137  | 88   | 11598    | 2.186 | ng/ul# | 86       |
| 5) Naphthalene              | 10.483 | 128  | 13357    | 0.301 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.111 | 142  | 6452     | 0.221 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.320 | 142  | 7731     | 0.261 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.010 | 152  | 13222    | 0.323 | ng/ul# | 96       |
| 11) Acenaphthene            | 14.352 | 153  | 9479     | 0.315 | ng/ul  | 99       |
| 12) Fluorene                | 15.352 | 166  | 8824     | 0.252 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.705 | 266  | 2244     | 0.805 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.089 | 178  | 11733    | 0.329 | ng/ul  | 97       |
| 16) Anthracene              | 17.190 | 178  | 10350    | 0.316 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.116 | 202  | 14582    | 0.312 | ng/ul  | 96       |
| 20) Pyrene                  | 19.483 | 202  | 16077    | 0.332 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.251 | 228  | 13197    | 0.304 | ng/ul  | 94       |
| 22) Chrysene                | 21.300 | 228  | 14389    | 0.339 | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 22.849 | 252  | 14543    | 0.287 | ng/ul# | 69       |
| 25) Benzo(k)fluoranthene    | 22.896 | 252  | 17460    | 0.329 | ng/ul# | 72       |
| 26) Benzo(a)pyrene          | 23.437 | 252  | 16811    | 0.351 | ng/ul# | 61       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.863 | 276  | 20541    | 0.387 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.889 | 278  | 16350    | 0.385 | ng/ul# | 81       |
| 29) Benzo(g,h,i)perylene    | 26.574 | 276  | 17281    | 0.397 | ng/ul# | 92       |
| -----                       |        |      |          |       |        |          |

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

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