

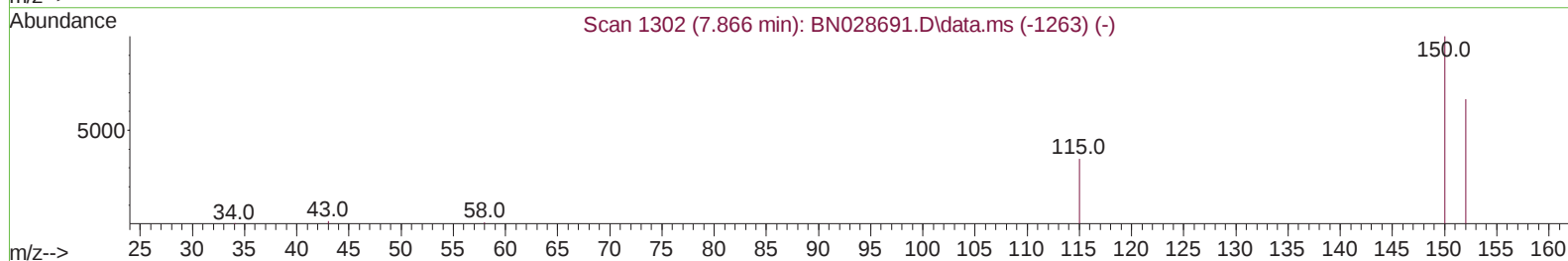
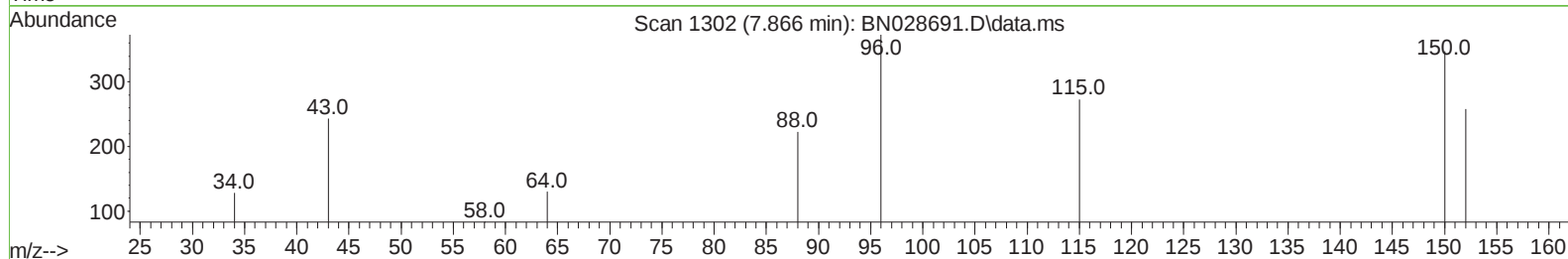
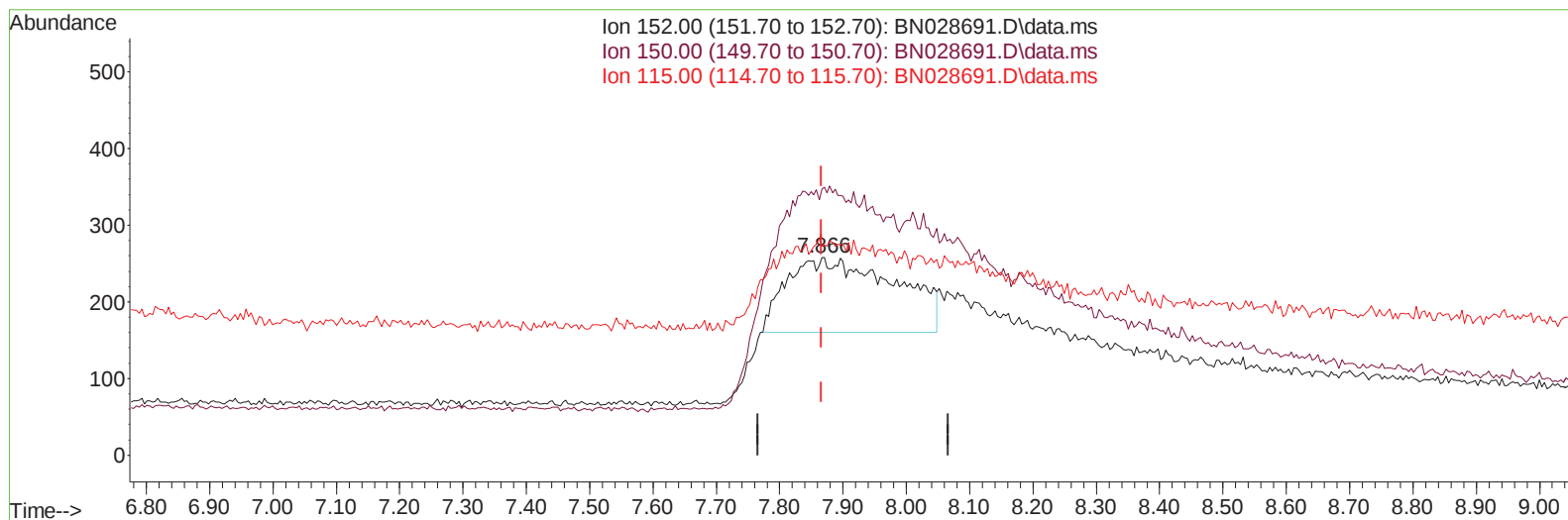
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111523\  
 Data File : BN028691.D  
 Acq On : 17 Nov 2023 08:29  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 17 09:39:39 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 : Fri Nov 17 09:39:27 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023  
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028691.D\data.ms

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

7.866min (+ 0.000) 0.40 ng/u1

response 1163

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 152.00 | 100.00 | 100.00  |
| 150.00 | 155.30 | 134.50  |
| 115.00 | 62.20  | 105.81# |
| 0.00   | 0.00   | 0.00    |

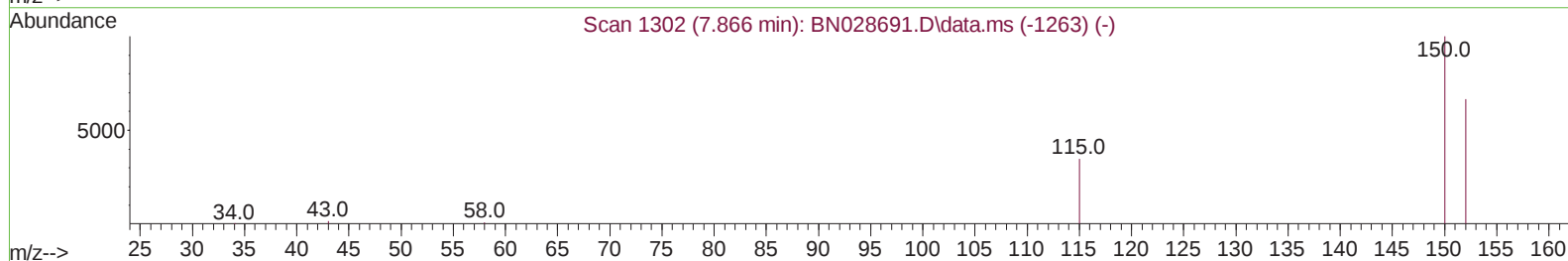
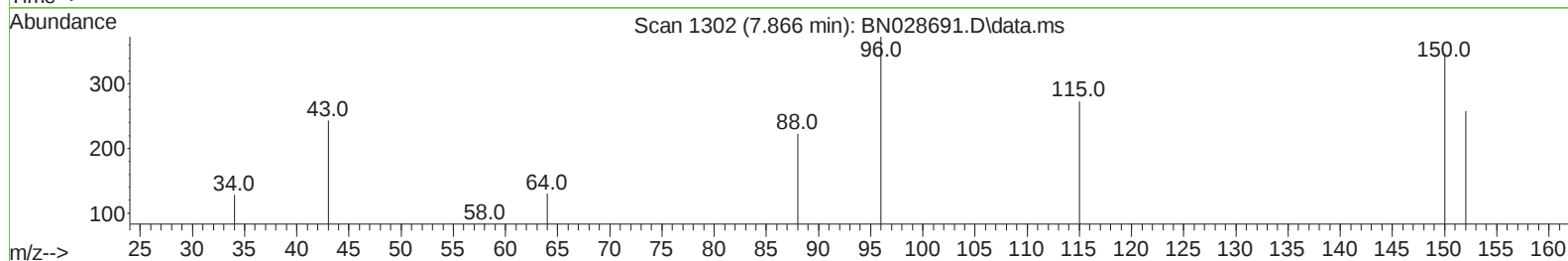
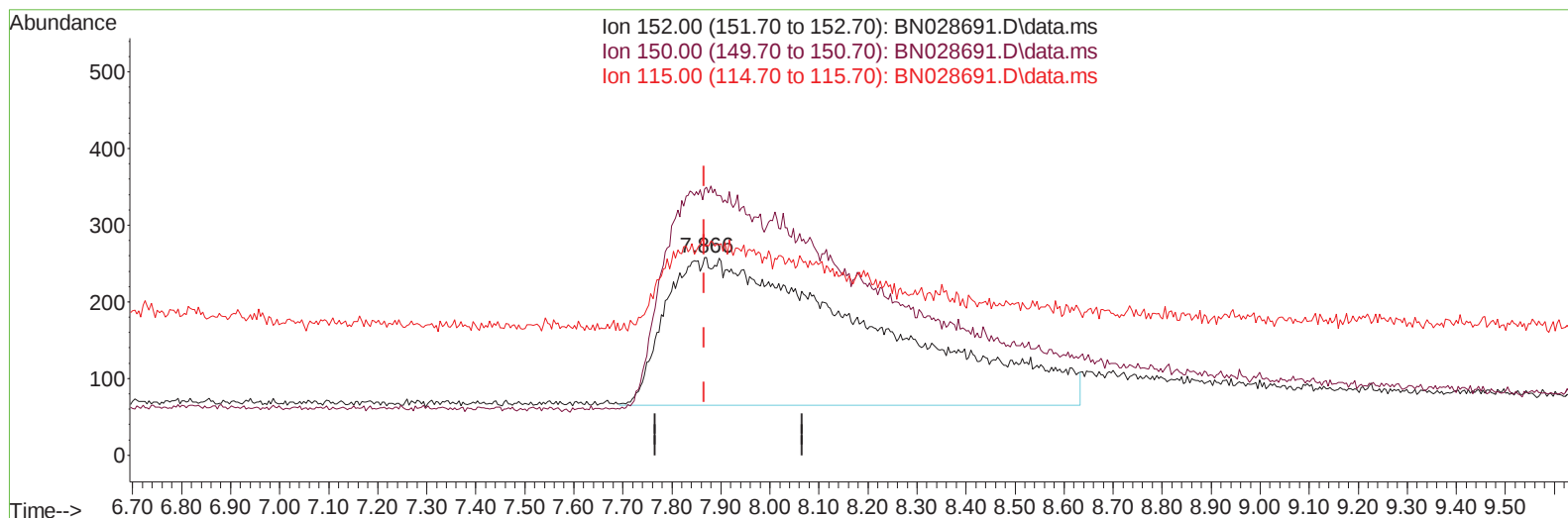
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN11523\  
Data File : BN028691.D  
Acq On : 17 Nov 2023 08:29  
Operator : MA/JU  
Sample : SSTDCCC0.4EC  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028691.D\data.ms

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

7.866min (+ 0.000) 0.40 ng/ul m

response 5786

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 152.00 | 100.00 | 100.00  |
| 150.00 | 155.30 | 134.50  |
| 115.00 | 62.20  | 105.81# |
| 0.00   | 0.00   | 0.00    |

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 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.866  | 152  | 5786m    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.505 | 136  | 17190    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.325 | 164  | 11448    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.097 | 188  | 16816    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.300 | 240  | 14031    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.583 | 264  | 13839    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.120  | 96   | 3345     | 0.523 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.127 | 152  | 5717     | 0.221 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.121 | 212  | 21478    | 0.476 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.154  | 88   | 3071     | 0.434 | ng/ul# | 82       |
| 5) Naphthalene              | 10.560 | 128  | 17465    | 0.363 | ng/ul  | 95       |
| 7) 2-Methylnaphthalene      | 12.193 | 142  | 6766     | 0.213 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.375 | 142  | 11478    | 0.356 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.056 | 152  | 22549    | 0.395 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.389 | 153  | 18706    | 0.445 | ng/ul  | 98       |
| 12) Fluorene                | 15.403 | 166  | 16017    | 0.327 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.760 | 266  | 1212     | 0.300 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.135 | 178  | 23816    | 0.461 | ng/ul  | 97       |
| 16) Anthracene              | 17.249 | 178  | 12959    | 0.274 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.153 | 202  | 29039    | 0.487 | ng/ul  | 99       |
| 20) Pyrene                  | 19.516 | 202  | 33689    | 0.545 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.289 | 228  | 16085    | 0.290 | ng/ul  | 98       |
| 22) Chrysene                | 21.335 | 228  | 22365    | 0.412 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.893 | 252  | 20213    | 0.389 | ng/ul  | 89       |
| 25) Benzo(k)fluoranthene    | 22.940 | 252  | 25017    | 0.460 | ng/ul# | 91       |
| 26) Benzo(a)pyrene          | 23.489 | 252  | 21629    | 0.441 | ng/ul# | 79       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.930 | 276  | 26216    | 0.482 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.966 | 278  | 19613    | 0.451 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 26.641 | 276  | 23847    | 0.535 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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