

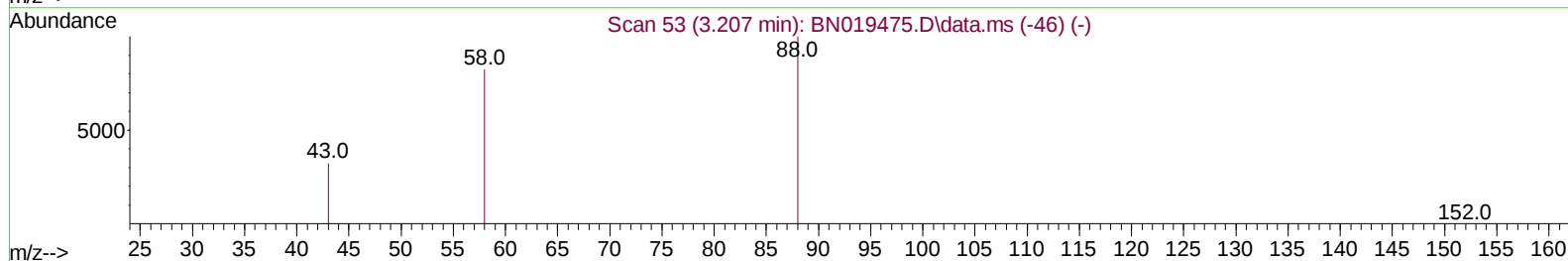
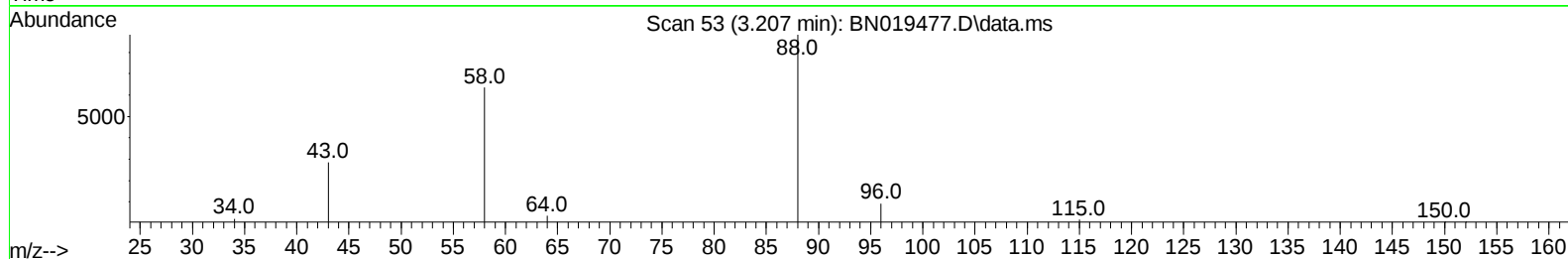
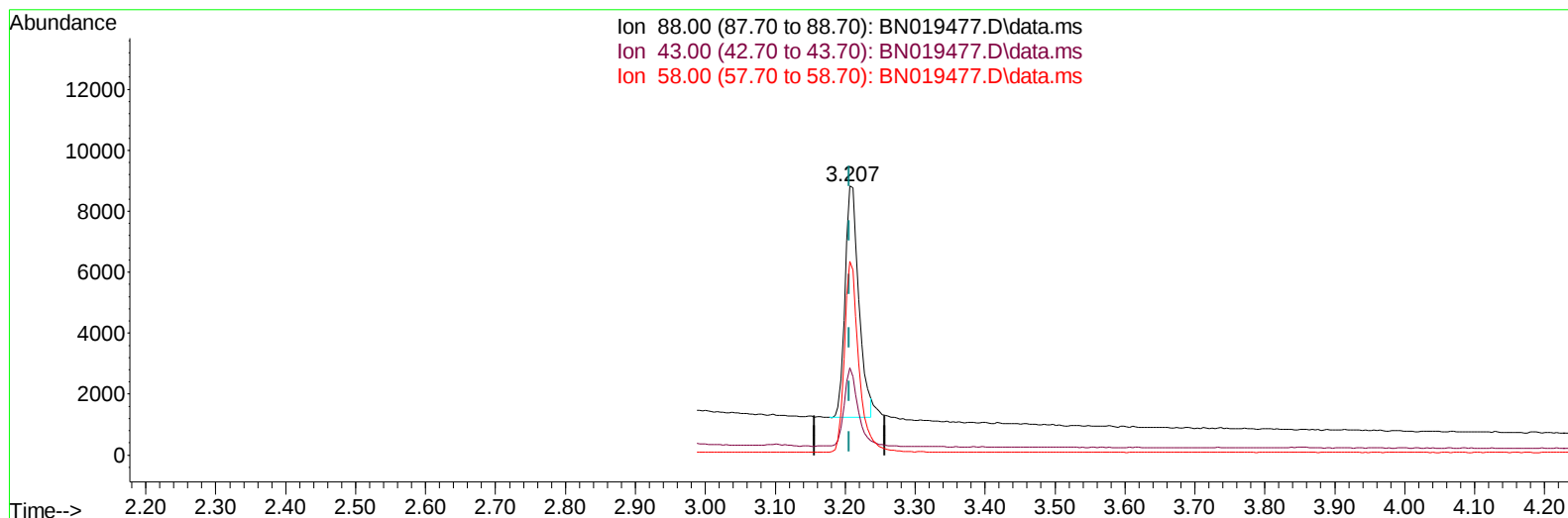
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041822\  
 Data File : BN019477.D  
 Acq On : 18 Apr 2022 14:09  
 Operator : CG/JU  
 Sample : SSTD1.627  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.6227

Manual IntegrationsAPPROVED

Quant Time: Apr 18 15:06:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN041822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 18 15:02:34 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/19/2022  
 Supervised By :Yogesh Patel 04/25/2022



TIC: BN019477.D\data.ms

(2) 1,4-Dioxane

3.207min (+ 0.000) 1.43 ng/u1

response 10323

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 48.70  | 32.41# |
| 58.00 | 49.80  | 71.94# |
| 0.00  | 0.00   | 0.00   |

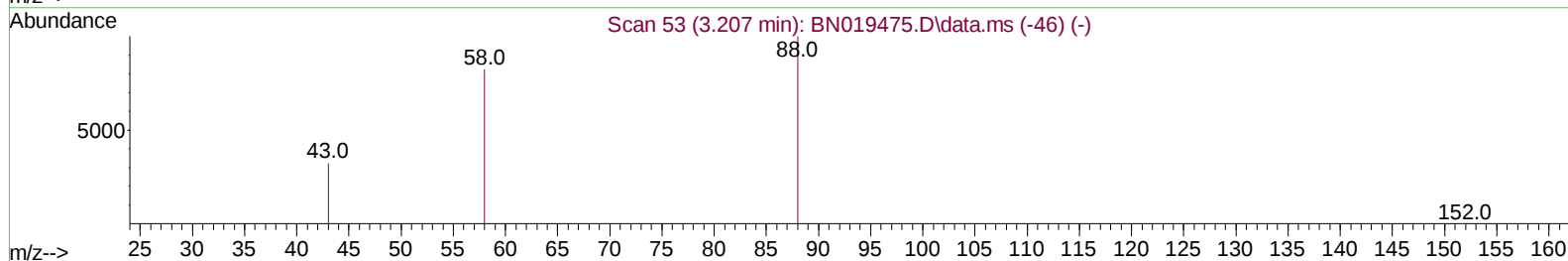
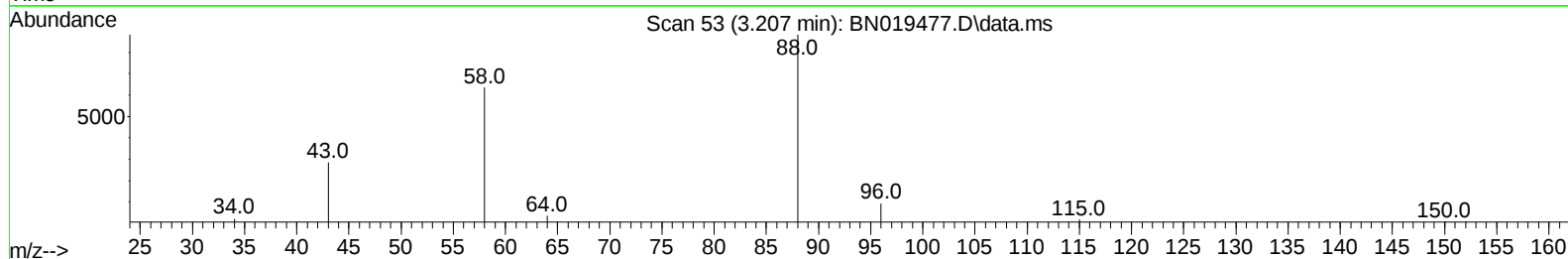
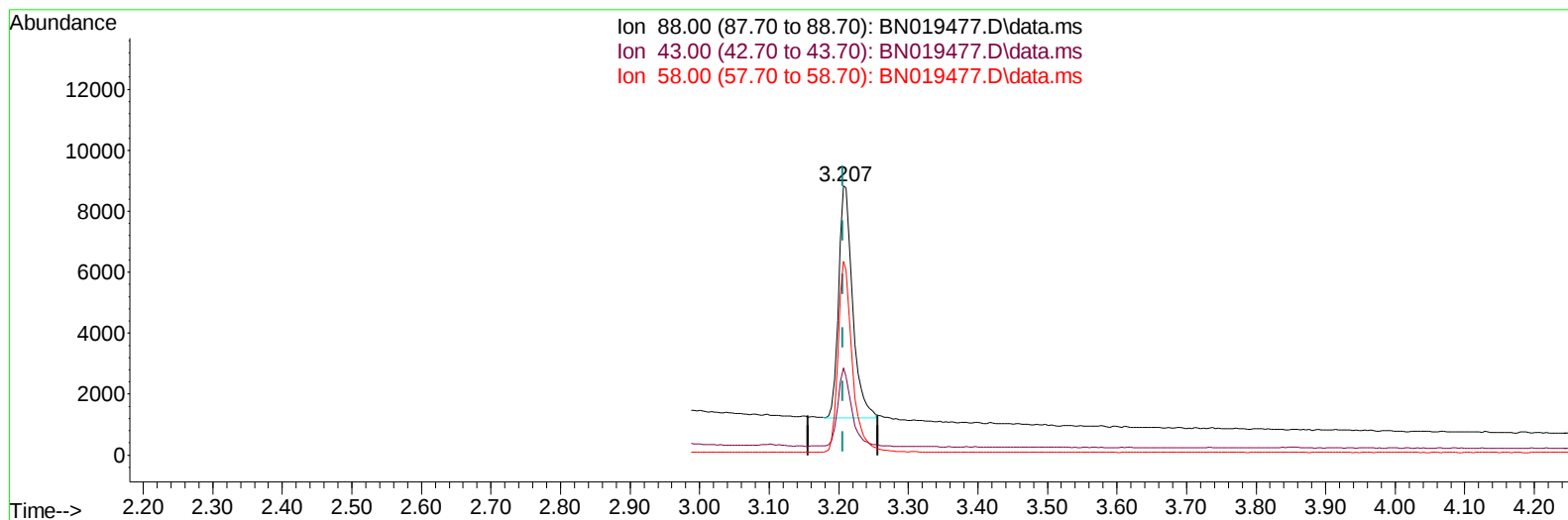
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TIC: BN019477.D\data.ms

(2) 1,4-Dioxane

3.207min (+ 0.000) 1.47 ng/ul m

response 10634

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 48.70  | 32.41# |
| 58.00 | 49.80  | 71.94# |
| 0.00  | 0.00   | 0.00   |

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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   | 7.818  | 152  | 5837     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.613 | 136  | 17938    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.457 | 164  | 10229    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.197 | 188  | 18638    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.386 | 240  | 13119    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.739 | 264  | 8976     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.173  | 96   | 10235    | 1.363 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.208 | 152  | 38323    | 1.510 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.226 | 212  | 72164    | 1.485 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.207  | 88   | 10634m   | 1.470 | ng/ul  |          |
| 5) Naphthalene              | 10.662 | 128  | 74277    | 1.455 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.285 | 142  | 50568    | 1.522 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.499 | 142  | 51040    | 1.463 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.174 | 152  | 59513    | 1.604 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.517 | 153  | 54212    | 1.463 | ng/ul  | 99       |
| 12) Fluorene                | 15.502 | 166  | 59948    | 1.454 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.859 | 266  | 4006     | 1.339 | ng/ul  | 89       |
| 15) Phenanthrene            | 17.239 | 178  | 91068    | 1.470 | ng/ul  | 99       |
| 16) Anthracene              | 17.332 | 178  | 74199    | 1.559 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.259 | 202  | 100446   | 1.539 | ng/ul  | 99       |
| 20) Pyrene                  | 19.621 | 202  | 100666   | 1.449 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.372 | 228  | 62374    | 1.544 | ng/ul  | 99       |
| 22) Chrysene                | 21.421 | 228  | 71439    | 1.351 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.020 | 252  | 65374    | 1.573 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.067 | 252  | 71746    | 1.495 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.631 | 252  | 54357    | 1.531 | ng/ul# | 78       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.155 | 276  | 56030    | 1.419 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.176 | 278  | 38977    | 1.387 | ng/ul# | 79       |
| 29) Benzo(g,h,i)perylene    | 26.897 | 276  | 54228    | 1.422 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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