

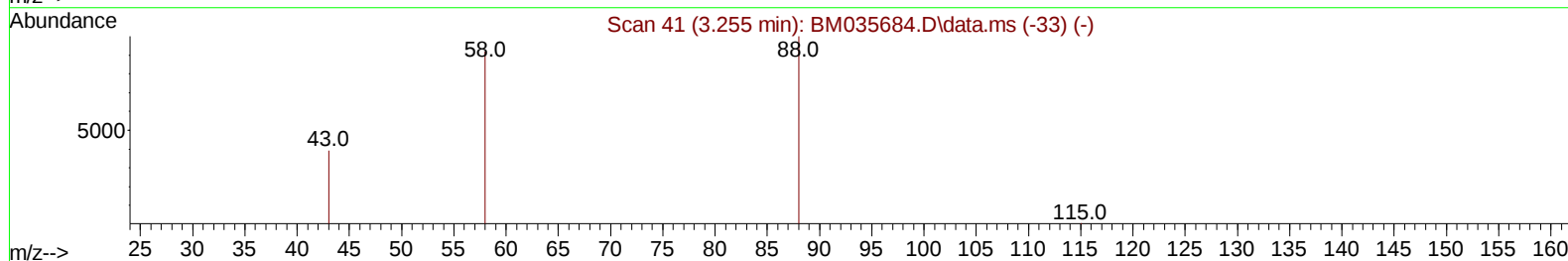
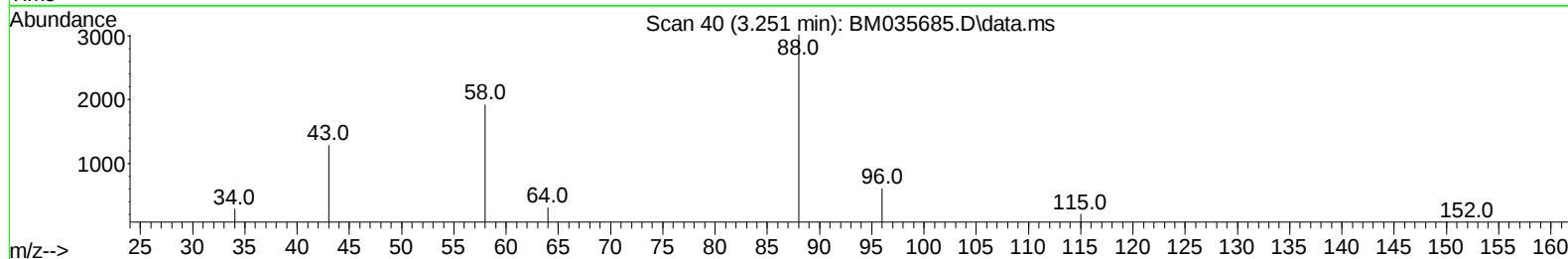
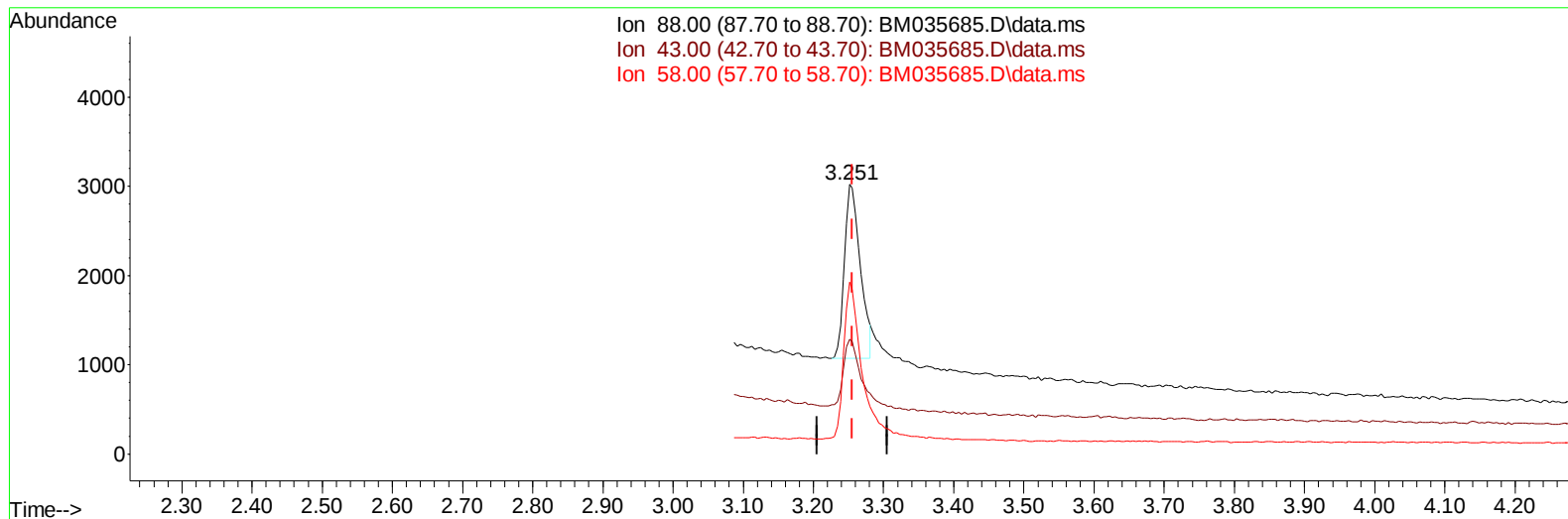
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062522\  
 Data File : BM035685.D  
 Acq On : 25 Jun 2022 13:48  
 Operator : CG/JU  
 Sample : SST0.853  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.8004

Manual IntegrationsAPPROVED

Quant Time: Jun 28 02:06:17 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 28 02:03:15 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/29/2022  
 Supervised By :mohammad ahmed 07/01/2022



TIC: BM035685.D\data.ms

(2) 1,4-Dioxane

3.251min (-0.004) 0.76 ng/u1

response 3055

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 47.20  | 42.65  |
| 58.00 | 53.20  | 63.71  |
| 0.00  | 0.00   | 0.00   |

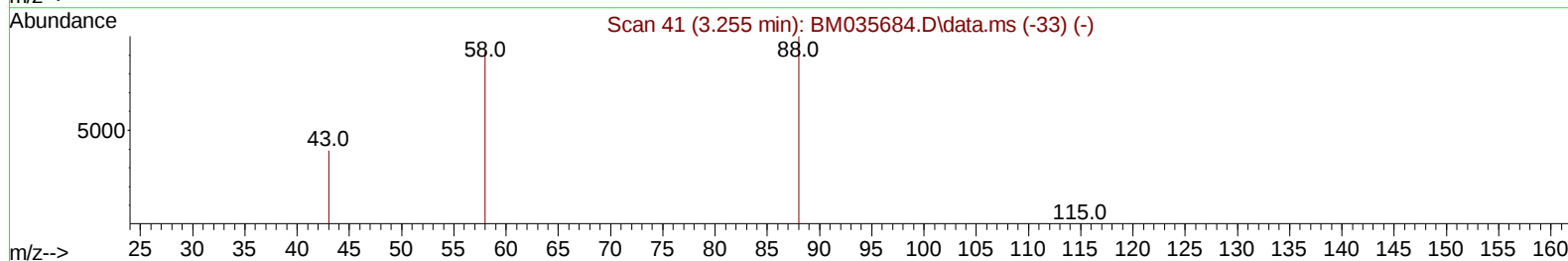
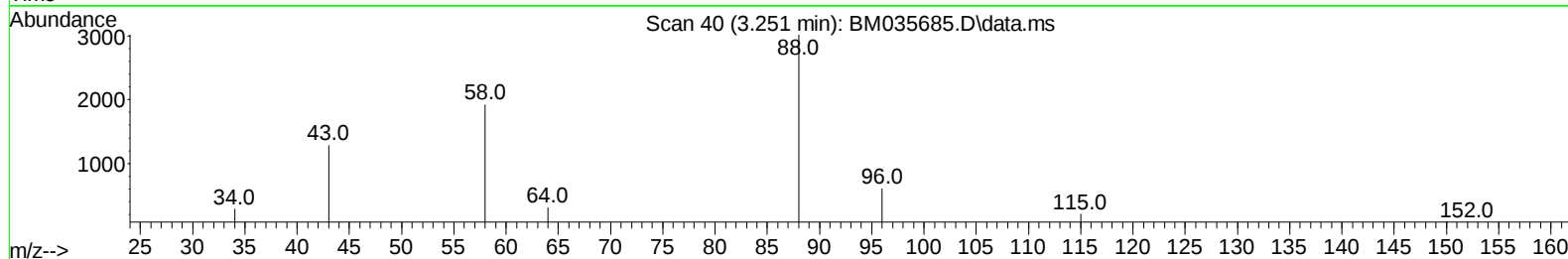
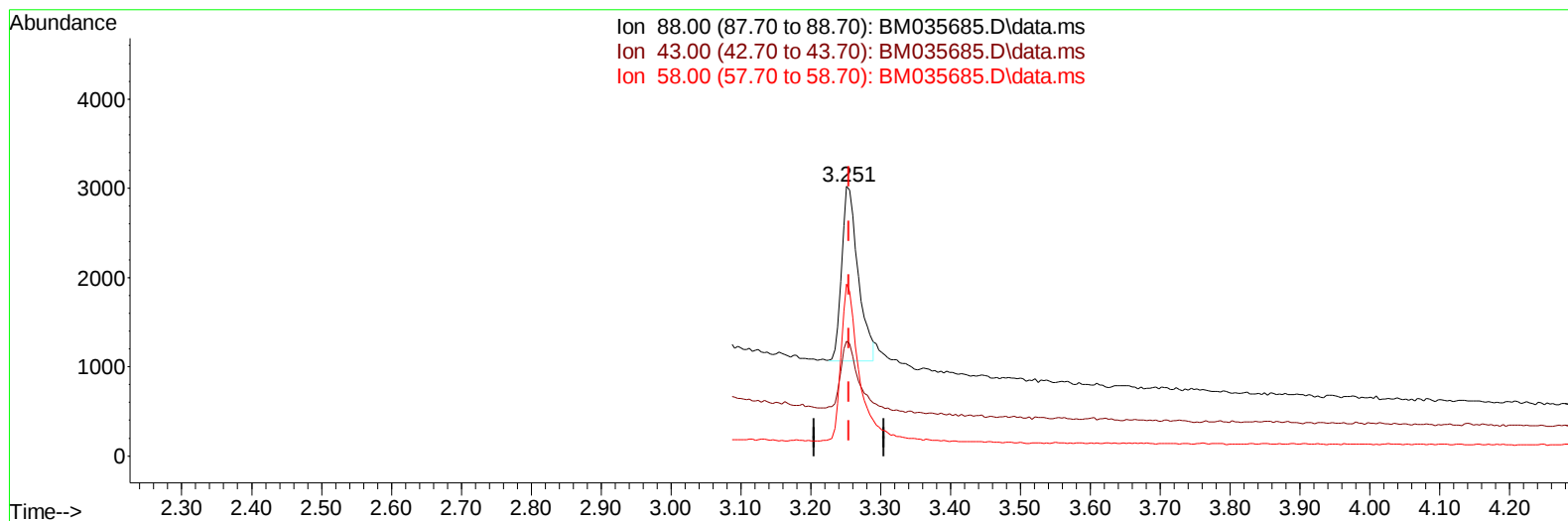
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TIC: BM035685.D\data.ms

(2) 1,4-Dioxane

3.251min (-0.004) 0.80 ng/ul m

response 3210

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 47.20  | 42.65  |
| 58.00 | 53.20  | 63.71  |
| 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   | 7.842  | 152  | 2852     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.600 | 136  | 11719    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.427 | 164  | 7080     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.187 | 188  | 14701    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.371 | 240  | 11352    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.707 | 264  | 9671     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.222  | 96   | 3283     | 0.818 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.195 | 152  | 15824    | 0.909 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.210 | 212  | 33847    | 0.888 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.251  | 88   | 3210m    | 0.804 | ng/ul  |          |
| 5) Naphthalene              | 10.644 | 128  | 26880    | 0.677 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.272 | 142  | 17358    | 0.766 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.475 | 142  | 18739    | 0.900 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.154 | 152  | 28174    | 0.707 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.487 | 153  | 21562    | 0.730 | ng/ul  | 99       |
| 12) Fluorene                | 15.491 | 166  | 25068    | 0.751 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.883 | 266  | 1727     | 0.612 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.225 | 178  | 39229    | 0.728 | ng/ul  | 99       |
| 16) Anthracene              | 17.330 | 178  | 33530    | 0.711 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.243 | 202  | 43865    | 0.756 | ng/ul  | 99       |
| 20) Pyrene                  | 19.610 | 202  | 46422    | 0.763 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.360 | 228  | 30664    | 0.714 | ng/ul  | 99       |
| 22) Chrysene                | 21.409 | 228  | 36983    | 0.724 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.993 | 252  | 32761    | 0.774 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.040 | 252  | 32749    | 0.745 | ng/ul# | 90       |
| 26) Benzo(a)pyrene          | 23.604 | 252  | 32267    | 0.735 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.105 | 276  | 35834    | 0.709 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.118 | 278  | 28650    | 0.694 | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 26.843 | 276  | 32731    | 0.723 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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