

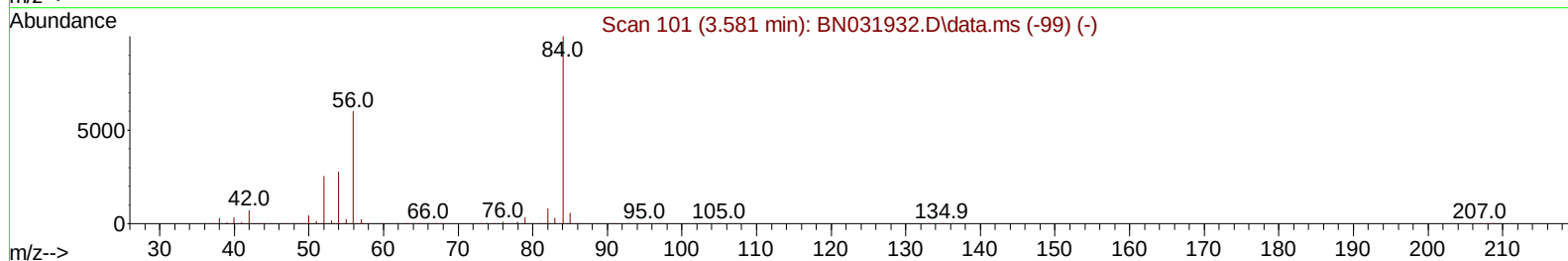
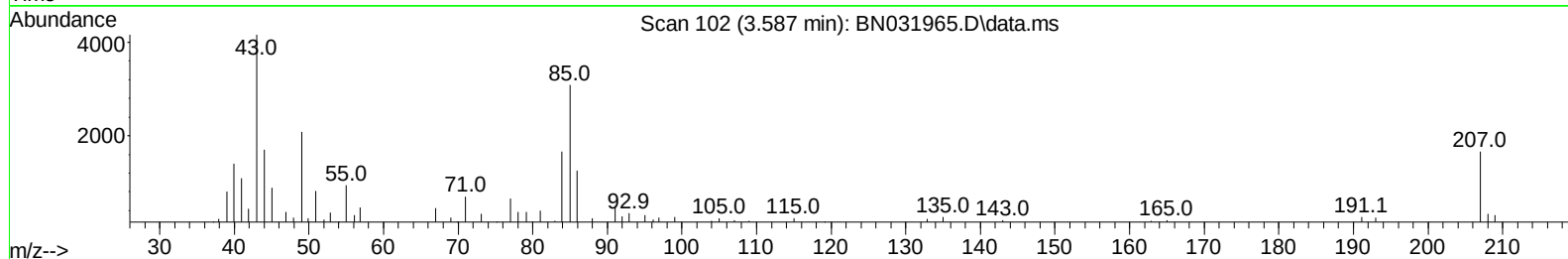
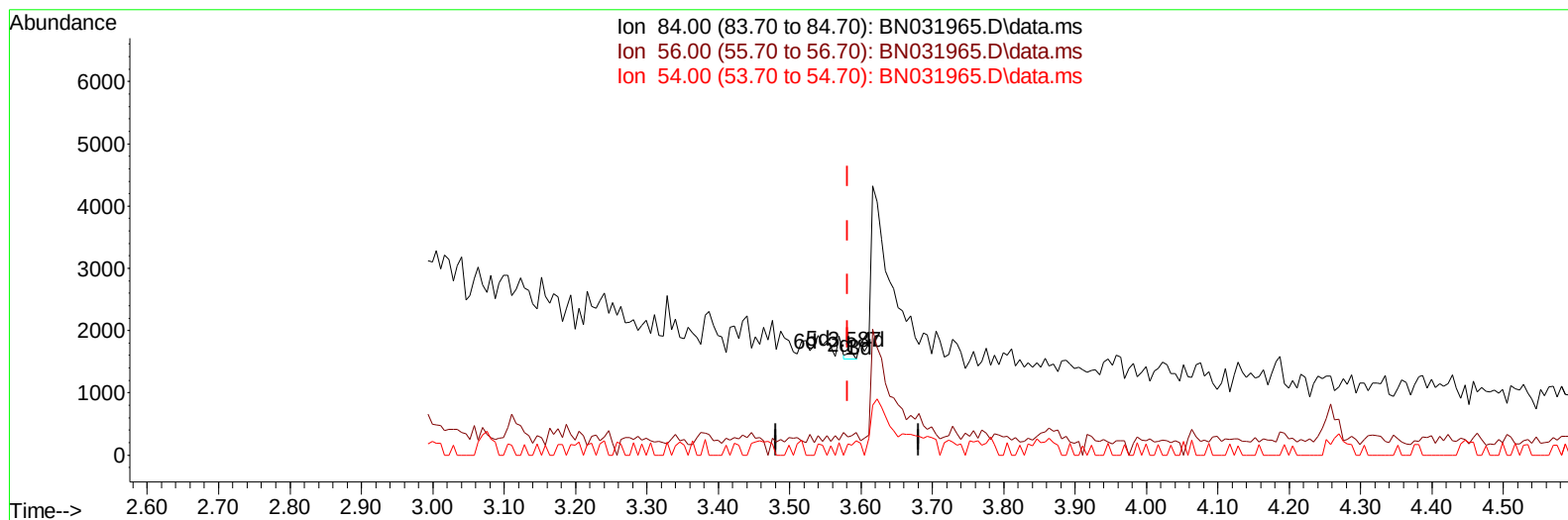
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061224\  
 Data File : BN031965.D  
 Acq On : 13 Jun 2024 07:06  
 Operator : MA/JU  
 Sample : P2648-06  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHBW0

Manual IntegrationsAPPROVED

Quant Time: Jun 13 07:35:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 11 22:28:10 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024  
 Supervised By :mohammad ahmed 06/14/2024



TIC: BN031965.D\data.ms

#### (4) Pyridine-d5 (S)

3.587min (+ 0.006) 0.00 ng/u1

response 71

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 56.40  | 18.60# |
| 54.00 | 26.50  | 9.60#  |
| 0.00  | 0.00   | 0.00   |

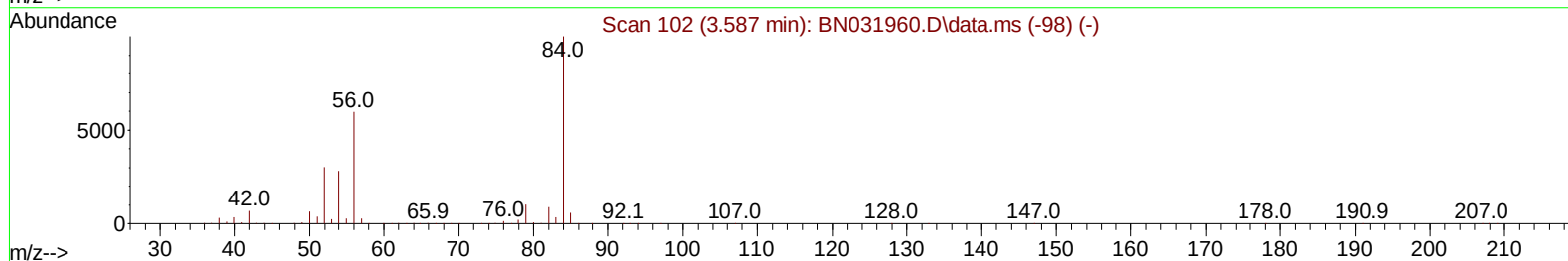
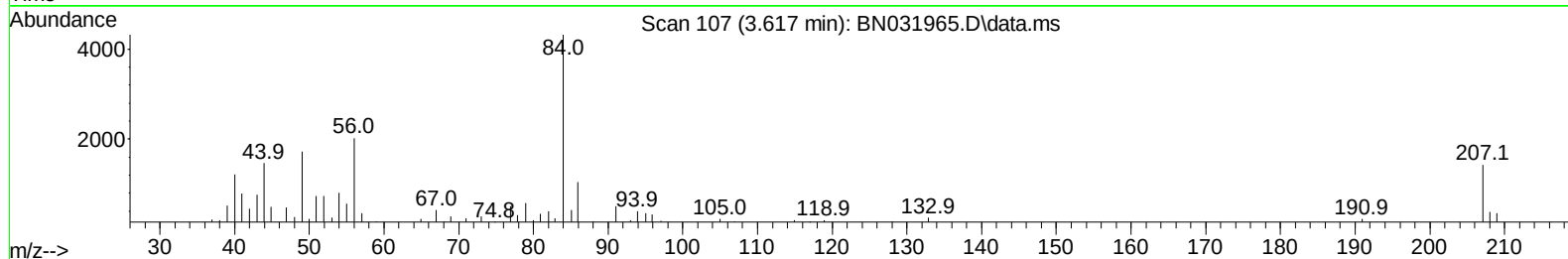
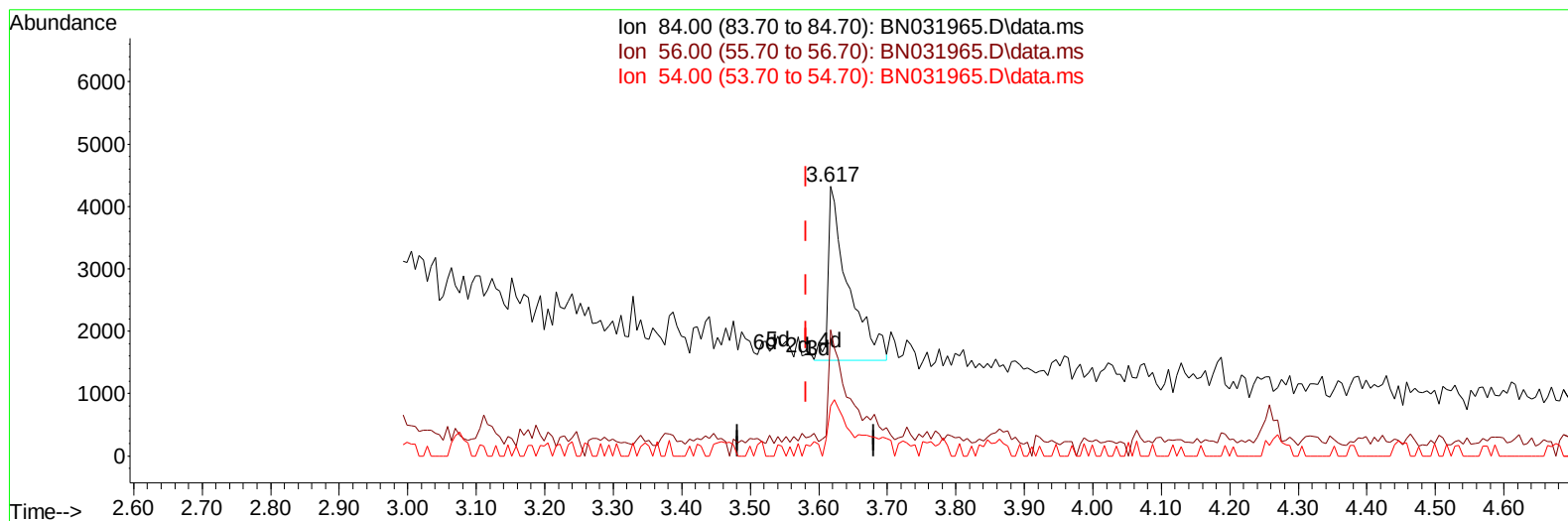
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Quant Time: Jun 13 07:37:50 2024  
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#### (4) Pyridine-d5 (S)

3.617min (+ 0.036) 0.19 ng/ul m

response 5704

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 56.40  | 46.76  |
| 54.00 | 26.50  | 18.56# |
| 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     | 7.658  | 152  | 448226   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.440 | 136  | 1856224  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.304 | 164  | 1073976  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.051 | 188  | 1777753  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.292 | 240  | 1203164  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.222 | 264  | 1430689  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 38539    | 3.557  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.617  | 84   | 5704m    | 0.187  | ng/ul  | 0.04     |
| 7) Phenol-d5                  | 6.840  | 99   | 898948   | 23.395 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.999  | 67   | 520487   | 23.157 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.193  | 132  | 737002   | 25.137 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.369  | 113  | 675306   | 21.560 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.816  | 128  | 377454   | 26.595 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.534  | 143  | 407591   | 27.801 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.069 | 165  | 678084   | 24.775 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.587 | 131  | 468422   | 11.527 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 2007096  | 26.826 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.999 | 160  | 2225201  | 25.865 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.528 | 143  | 254563   | 16.993 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.298 | 176  | 1552921  | 24.530 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.434 | 200  | 150222   | 16.811 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.151 | 188  | 1953966  | 25.673 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.451 | 212  | 1673188  | 25.988 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.016 | 264  | 1256978  | 18.400 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.092 | 178  | 239017   | 2.639  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.116 | 202  | 452764   | 5.884  | ng/ul  | 99       |
| 82) Pyrene                    | 19.481 | 202  | 338061   | 4.282  | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.269 | 228  | 191332   | 2.376  | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.198 | 149  | 73145    | 1.346  | ng/ul  | 98       |
| 87) Chrysene                  | 21.328 | 228  | 223816   | 2.975  | ng/ul  | 99       |
| 90) Benzo(b)fluoranthene      | 23.292 | 252  | 300157   | 3.510  | ng/ul  | 96       |
| 93) Benzo(a)pyrene            | 24.080 | 252  | 113903   | 1.422  | ng/ul# | 94       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.504 | 276  | 110220   | 1.194  | ng/ul  | 93       |
| -----                         |        |      |          |        |        |          |

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

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