

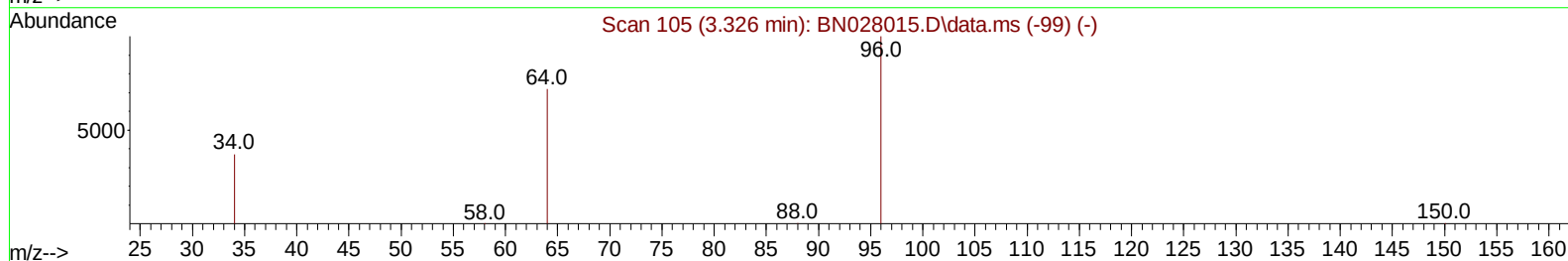
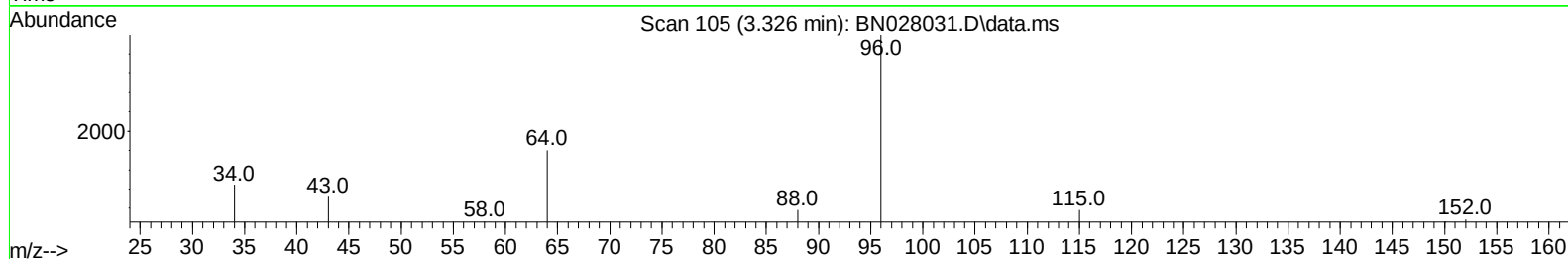
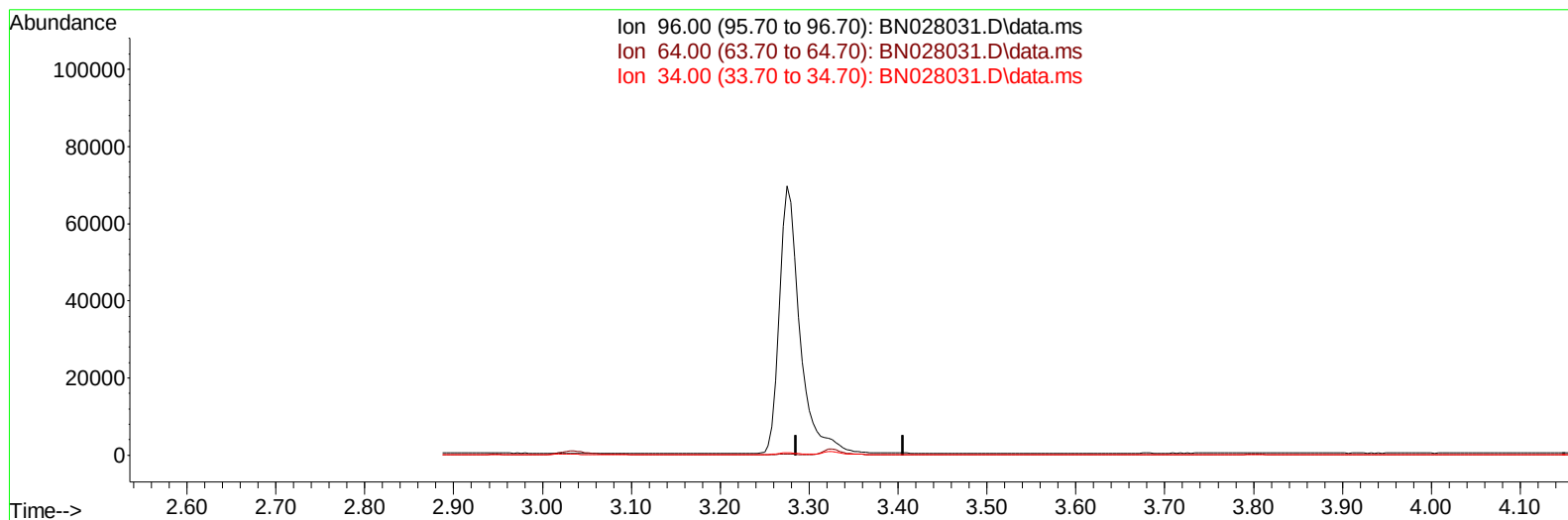
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100323\  
 Data File : BN028031.D  
 Acq On : 04 Oct 2023 04:19  
 Operator : MA/JU  
 Sample : 04497-11DL 5X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BBJ20DL

Manual IntegrationsAPPROVED

Quant Time: Oct 04 05:03:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN100323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 03 15:50:04 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/04/2023  
 Supervised By :mohammad ahmed 10/05/2023



TIC: BN028031.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.326min (-3.326) 0.00 ng/u1**

**response 0**

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 96.00 | 100.00 | 0.00  |
| 64.00 | 62.70  | 0.00# |
| 34.00 | 37.00  | 0.00# |
| 0.00  | 0.00   | 0.00  |

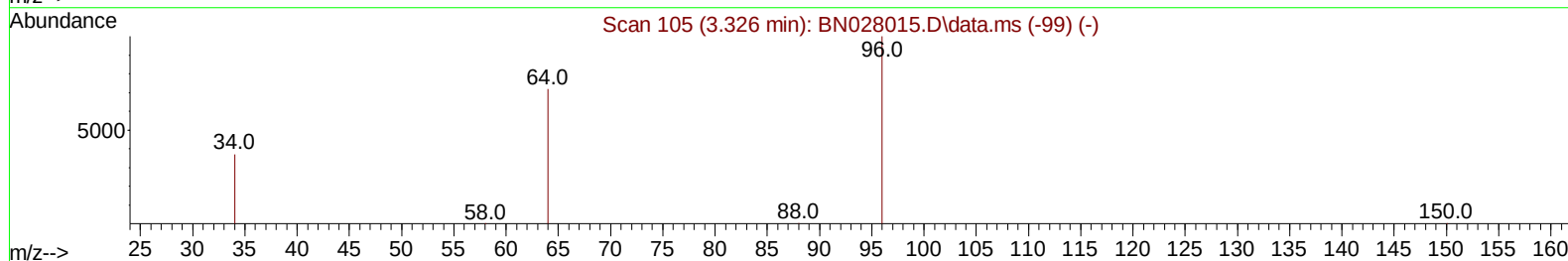
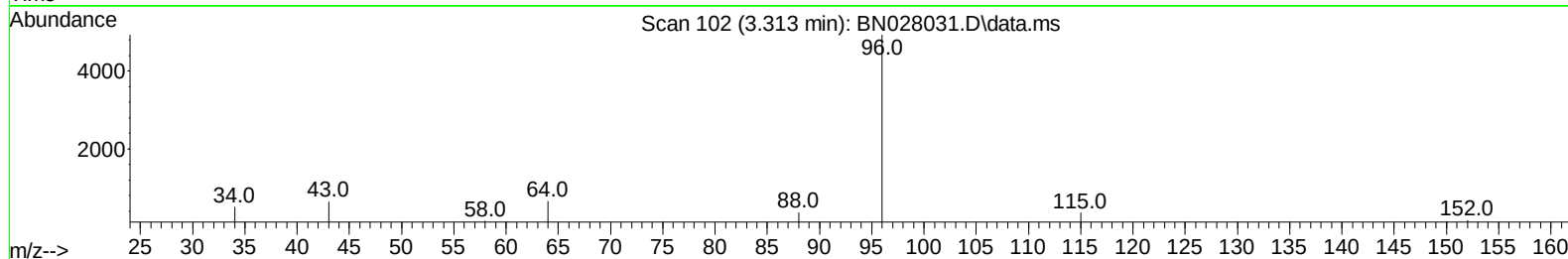
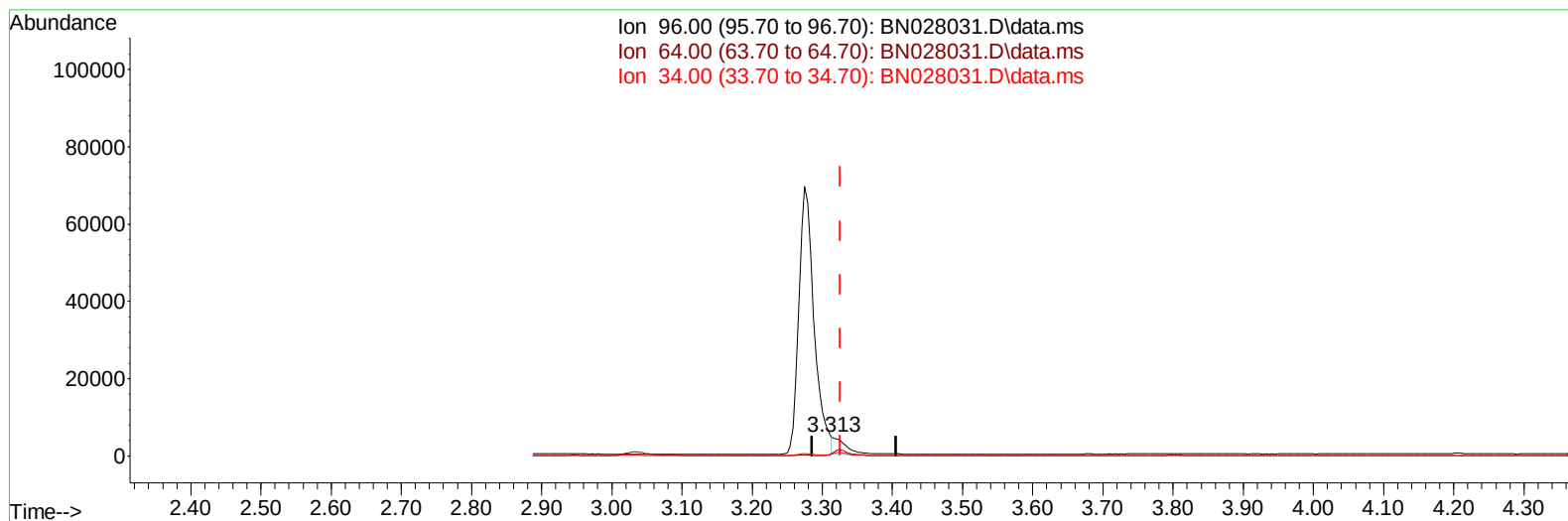
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TIC: BN028031.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.313min (-0.013) 0.74 ng/ul m**

**response 5309**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 62.70  | 13.26# |
| 34.00 | 37.00  | 10.26# |
| 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   | 7.945  | 152  | 5691     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.768 | 136  | 20582    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.592 | 164  | 14626    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.346 | 188  | 24689    | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.530 | 240  | 19532    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.000 | 264  | 17522    | 0.400  | ng/ul  | # 0.00   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.313  | 96   | 5309m    | 0.743  | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.346 | 152  | 2773     | 0.084  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.371 | 212  | 5490     | 0.089  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          | Qvalue |        |          |
| 5) Naphthalene              | 10.817 | 128  | 15392    | 0.263  | ng/ul# | 74       |
| 7) 2-Methylnaphthalene      | 12.423 | 142  | 1432     | 0.039  | ng/ul  | 91       |
| 8) 1-Methylnaphthalene      | 12.638 | 142  | 24278    | 0.636  | ng/ul  | 92       |
| 11) Acenaphthene            | 14.657 | 153  | 1140     | 0.022  | ng/ul  | 85       |
| 12) Fluorene                | 15.642 | 166  | 4012     | 0.068  | ng/ul# | 88       |
| 15) Phenanthrene            | 17.388 | 178  | 1720     | 0.023  | ng/ul# | 21       |
| -----                       |        |      |          |        |        |          |

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

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