

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010824\  
 Data File : BM043794.D  
 Acq On : 08 Jan 2024 13:11  
 Operator : MA/JU  
 Sample : 05953-11DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA\_M

ClientSampleId :

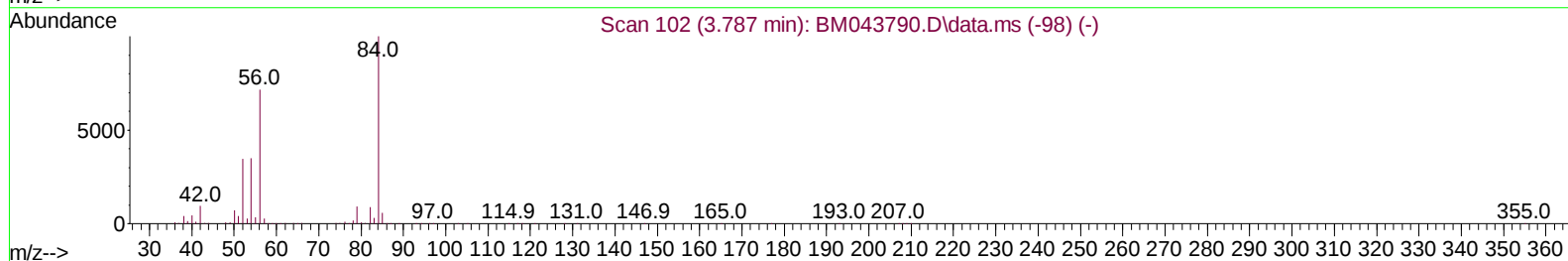
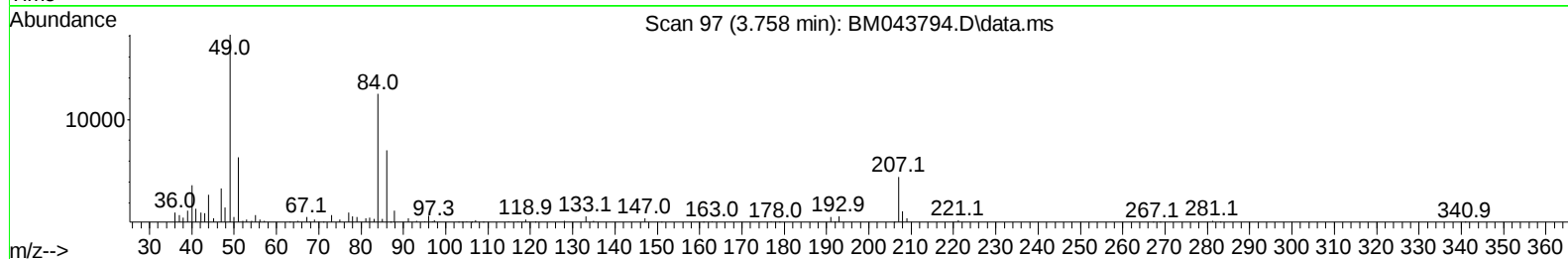
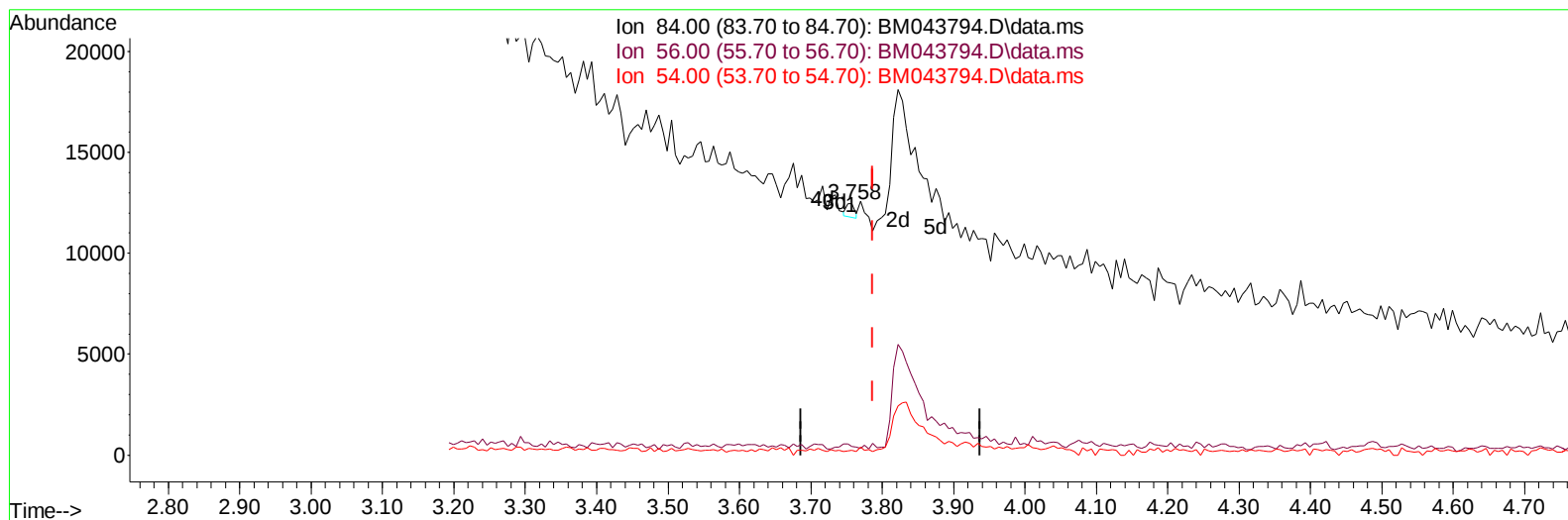
GCFB3DL

Manual IntegrationsAPPROVED

Quant Time: Jan 08 13:51:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM121523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 29 22:31:57 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/09/2024

Supervised By :mohammad ahmed 01/09/2024



TIC: BM043794.D\data.ms

**(4) Pyridine-d5 (S)**

3.758min (-0.029) 0.02 ng/u1

response 519

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 69.70  | 3.44#  |
| 54.00 | 35.00  | 2.01#  |
| 0.00  | 0.00   | 0.00   |

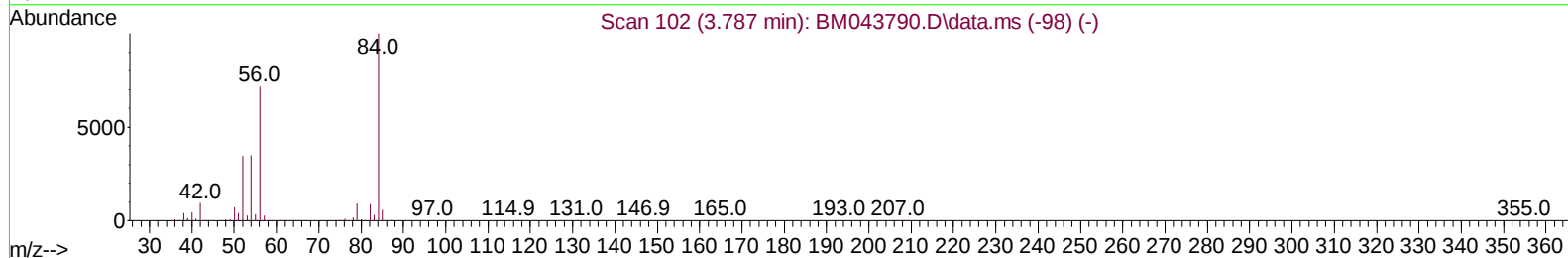
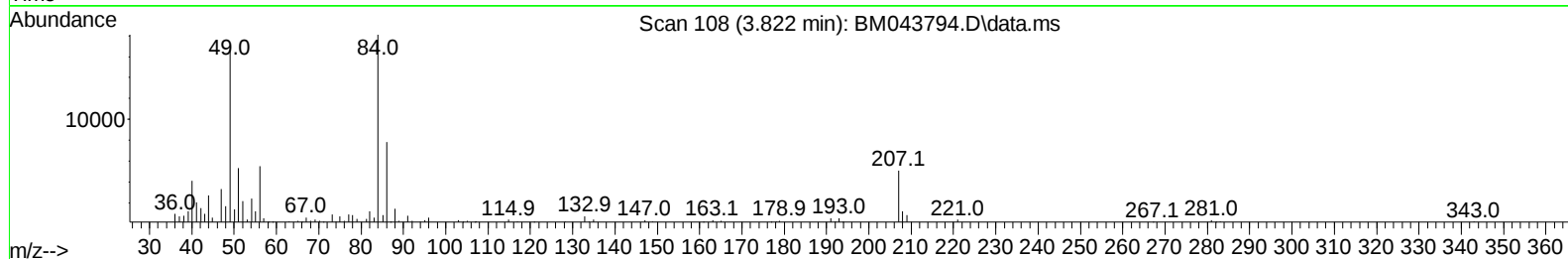
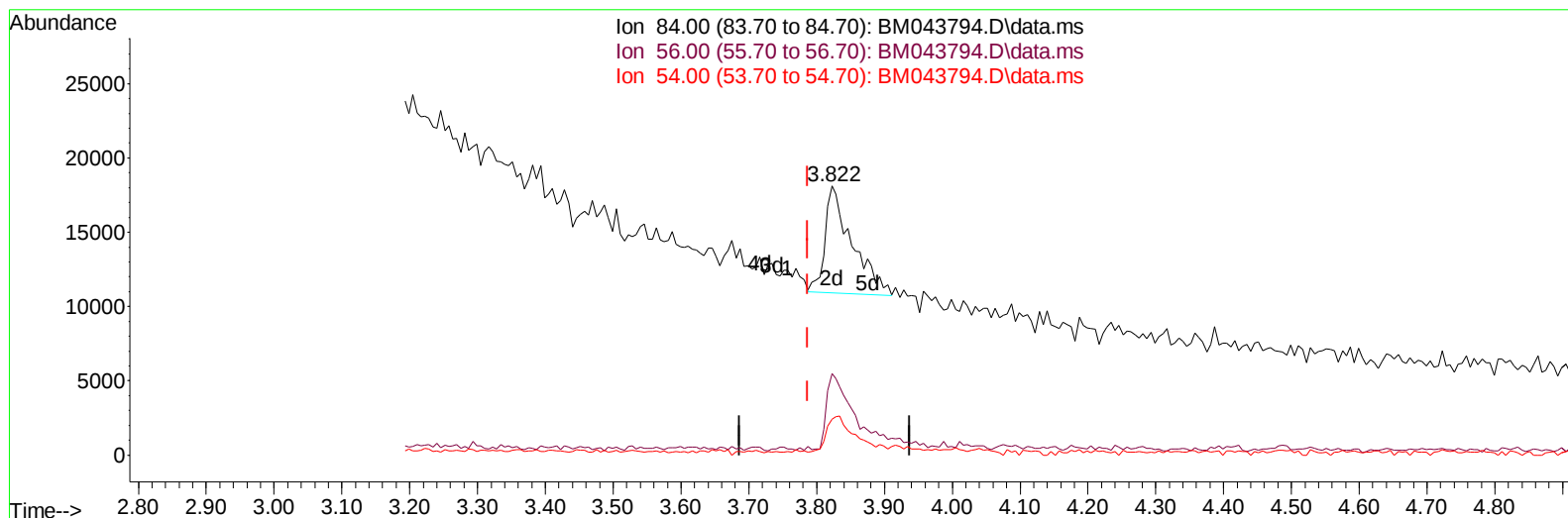
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010824\  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GCFB3DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 01/09/2024



TIC: BM043794.D\data.ms

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

3.822min (+ 0.035) 0.71 ng/ul m

response 19863

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 69.70  | 30.36# |
| 54.00 | 35.00  | 13.44# |
| 0.00  | 0.00   | 0.00   |

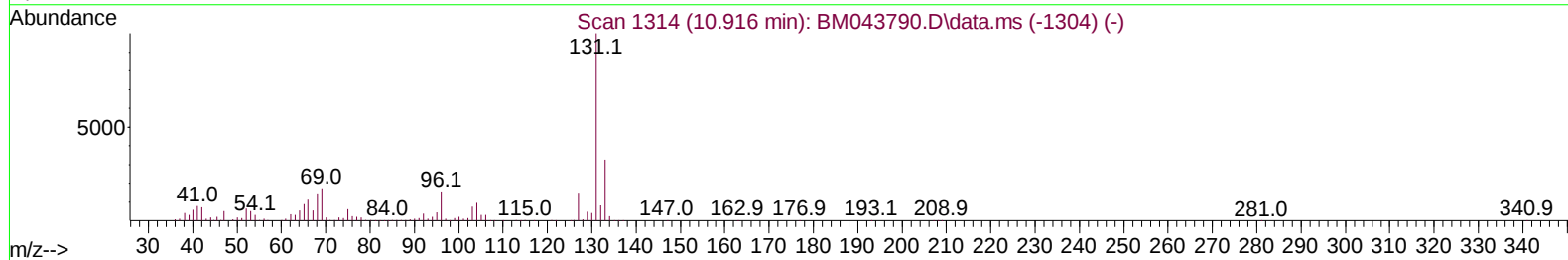
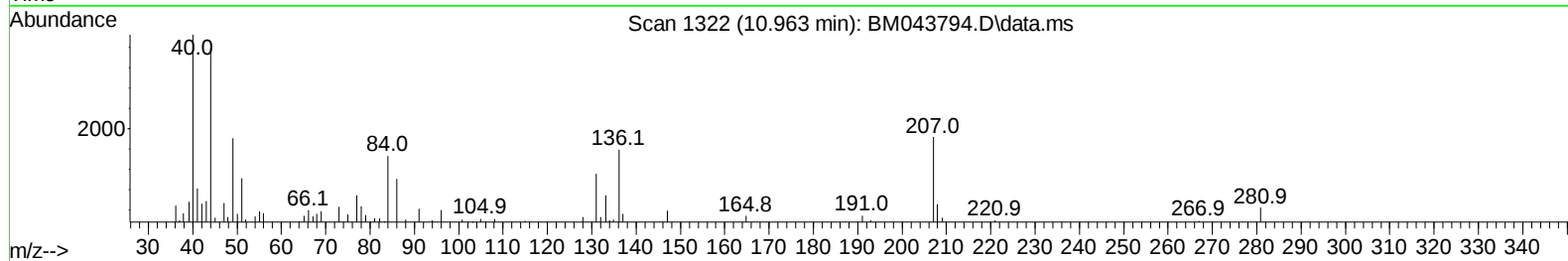
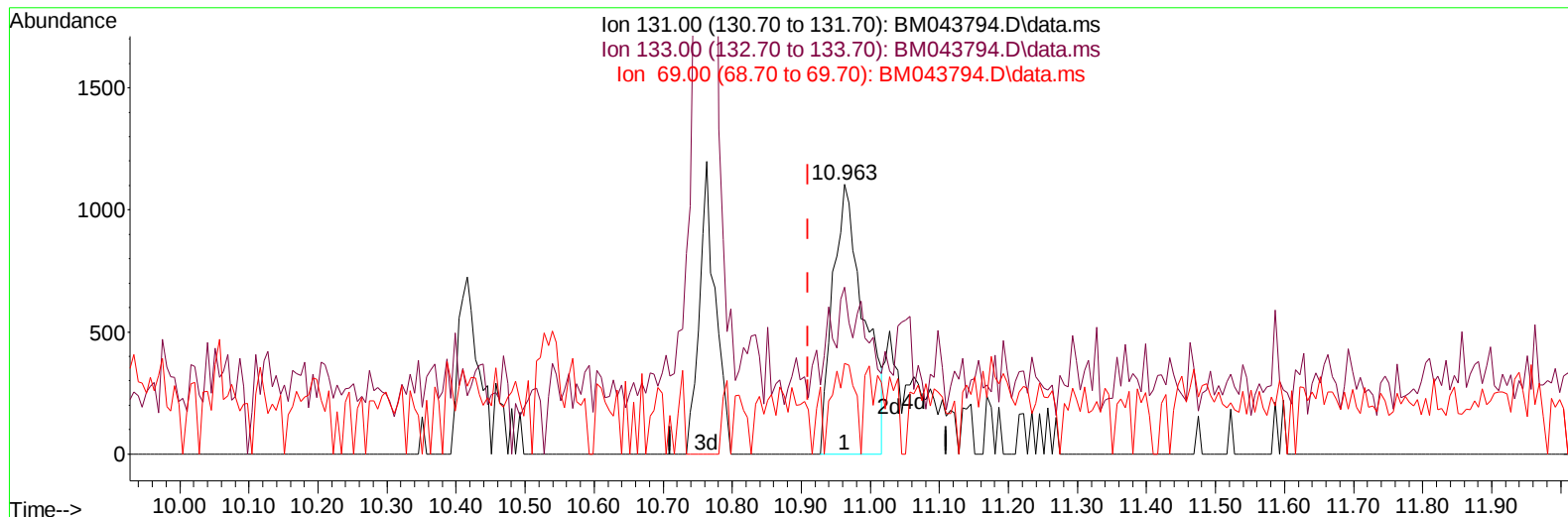
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010824\  
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 Sample : 05953-11DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GCFB3DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 01/09/2024  
 Supervised By :mohammad ahmed 01/09/2024



TIC: BM043794.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.963min (+ 0.053) 0.11 ng/u1**

**response 3443**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.30  | 61.96# |
| 69.00  | 18.30  | 33.61# |
| 0.00   | 0.00   | 0.00   |

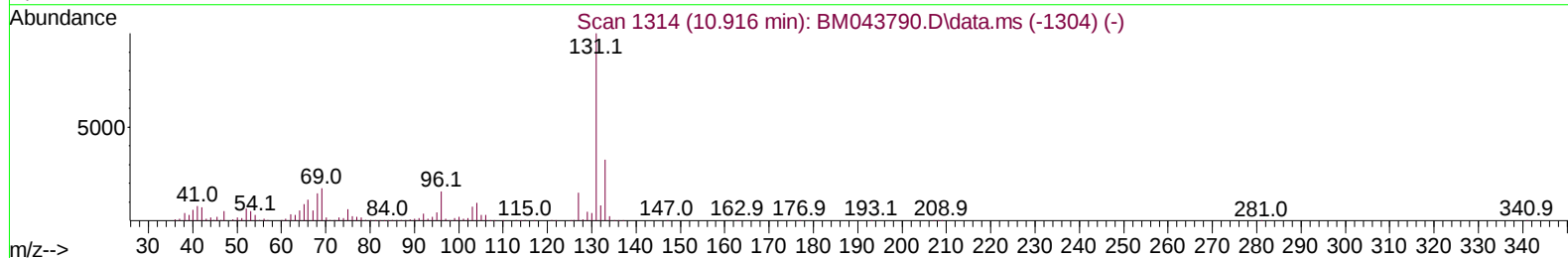
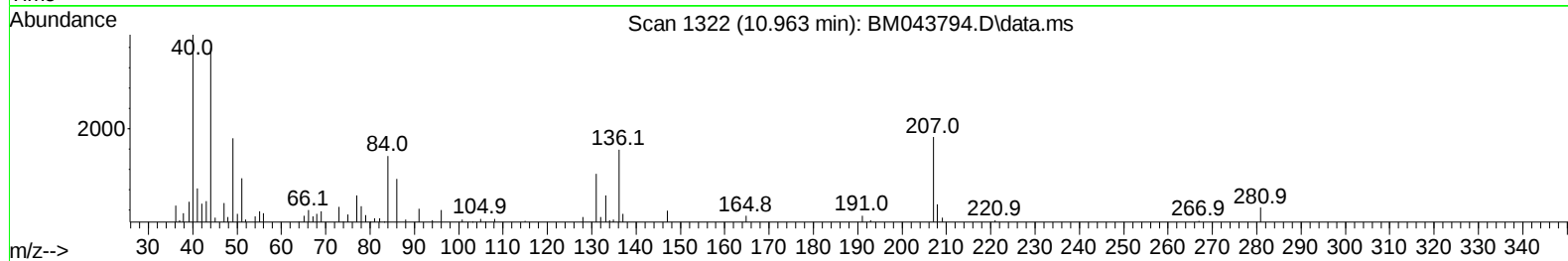
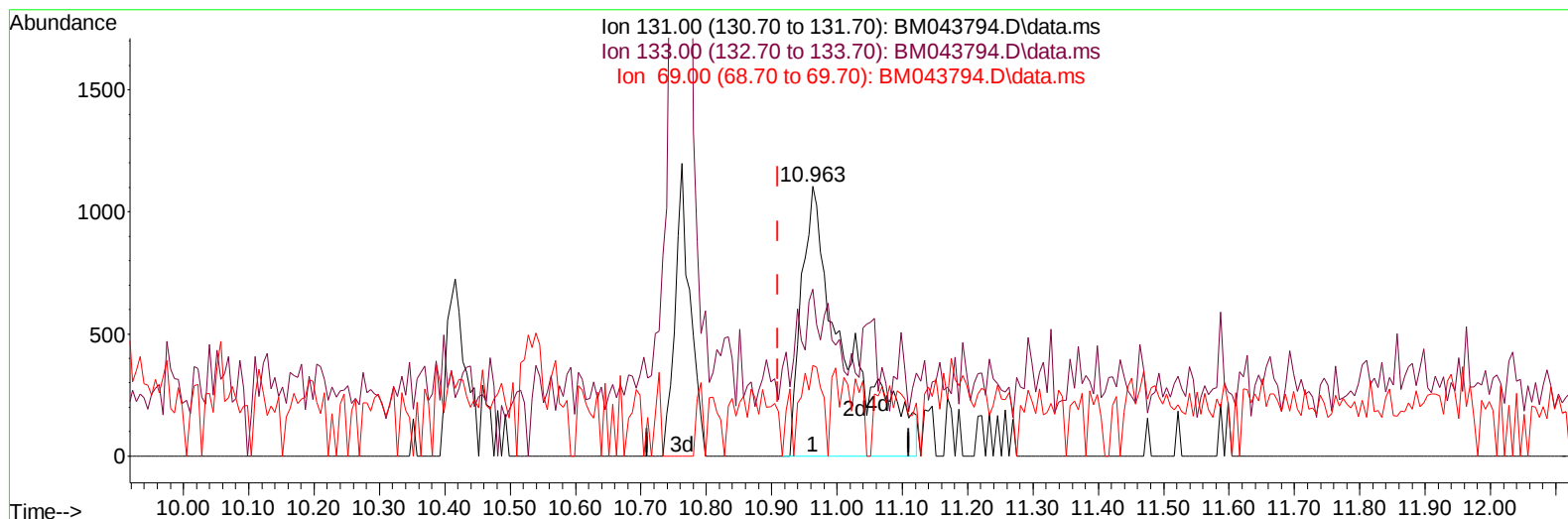
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010824\  
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 Acq On : 08 Jan 2024 13:11  
 Operator : MA/JU  
 Sample : 05953-11DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GCFB3DL

Manual IntegrationsAPPROVED

Quant Time: Jan 08 13:51:38 2024  
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Reviewed By :Yogesh Patel 01/09/2024  
 Supervised By :mohammad ahmed 01/09/2024



TIC: BM043794.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.963min (+ 0.053) 0.16 ng/ul m**

**response 5124**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.30  | 61.96# |
| 69.00  | 18.30  | 33.61# |
| 0.00   | 0.00   | 0.00   |

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 Operator : MA/JU  
 Sample : 05953-11DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GCFB3DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/09/2024  
 Supervised By :mohammad ahmed 01/09/2024

Quant Time: Jan 09 00:18:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM121523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 29 22:31:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|--------|----------|
| -----                         |        |     |     |          |        |        |          |
| Internal Standards            |        |     |     |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.946  | 152 |     | 317687   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.757 | 136 |     | 1258654  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.592 | 164 |     | 733226   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.345 | 188 |     | 1506648  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.527 | 240 |     | 1407732  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.945 | 264 |     | 1679283  | 20.000 | ng/ul  | 0.01     |
| System Monitoring Compounds   |        |     |     |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.364  | 96  |     | 5078     | 0.520  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.822  | 84  |     | 19863m   | 0.706  | ng/ul  | 0.04     |
| 7) Phenol-d5                  | 7.128  | 99  |     | 84115    | 2.328  | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.287  | 67  |     | 54177    | 2.367  | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.481  | 132 |     | 68464    | 2.481  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.681  | 113 |     | 56553    | 2.017  | ng/ul  | 0.01     |
| 21) Nitrobenzene-d5           | 9.134  | 128 |     | 28786    | 2.364  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.851  | 143 |     | 30438    | 2.419  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.416 | 165 |     | 47389    | 2.134  | ng/ul  | 0.04     |
| 31) 4-Chloroaniline-d4        | 10.963 | 131 |     | 5124m    | 0.157  | ng/ul  | 0.05     |
| 46) Dimethylphthalate-d6      | 14.016 | 166 |     | 188033   | 2.849  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.286 | 160 |     | 219956   | 2.809  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143 |     | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.586 | 176 |     | 165013   | 3.023  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200 |     | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.439 | 188 |     | 256186   | 3.032  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.733 | 212 |     | 304667   | 2.741  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.780 | 264 |     | 309612   | 2.988  | ng/ul  | 0.00     |
| Target Compounds              |        |     |     |          |        |        |          |
|                               |        |     |     |          |        | Qvalue |          |
| 71) Pentachlorophenol         | 16.992 | 266 |     | 374796   | 30.316 | ng/ul  | 100      |
| -----                         |        |     |     |          |        |        |          |

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

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BNA\_M  
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