

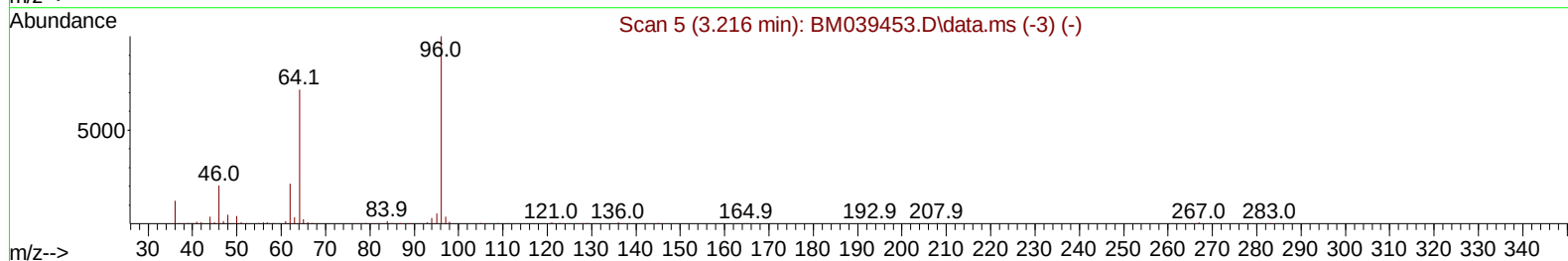
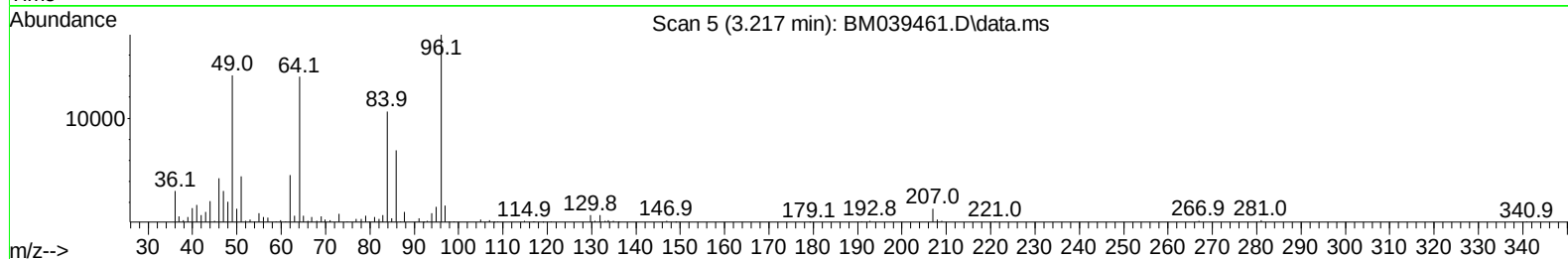
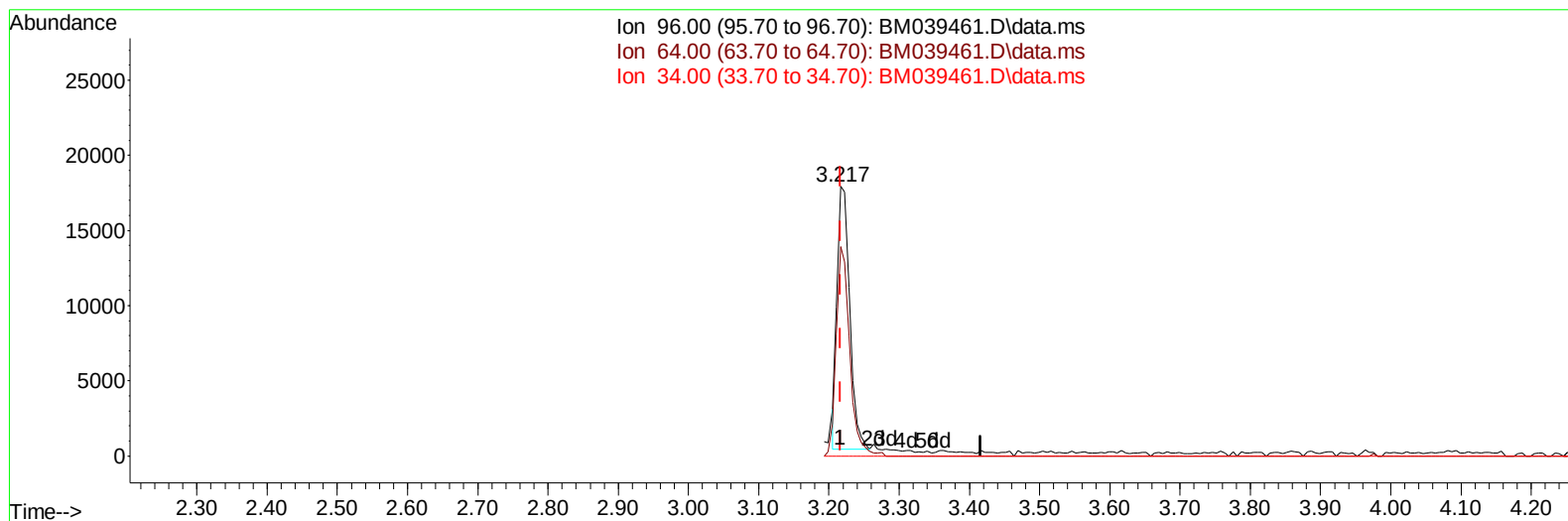
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
Data File : BM039461.D  
Acq On : 18 Apr 2023 17:15  
Operator : CG/JU  
Sample : 02299-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AE7

Manual IntegrationsAPPROVED

Quant Time: Apr 19 00:14:16 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Apr 18 23:56:45 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/19/2023  
Supervised By :Jagrut Upadhyay 04/19/2023



TIC: BM039461.D\data.ms

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

**3.217min (+ 0.001) 4.16 ng/uL**

**response 21927**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 73.10  | 77.66  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

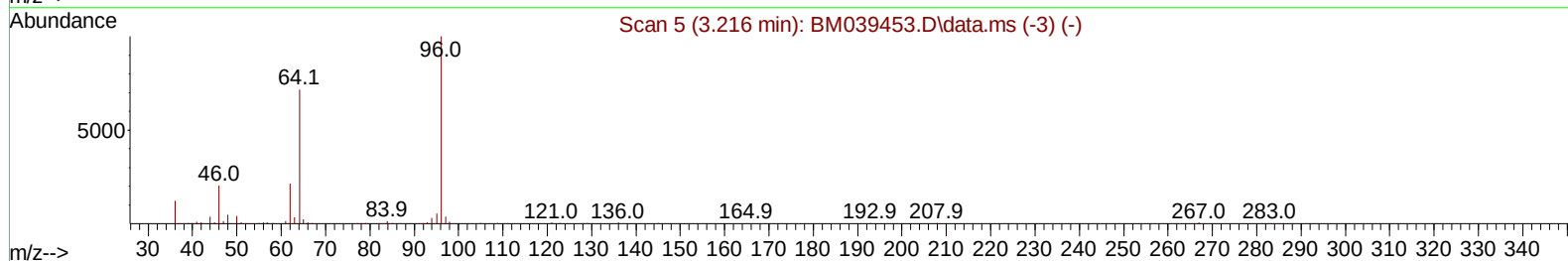
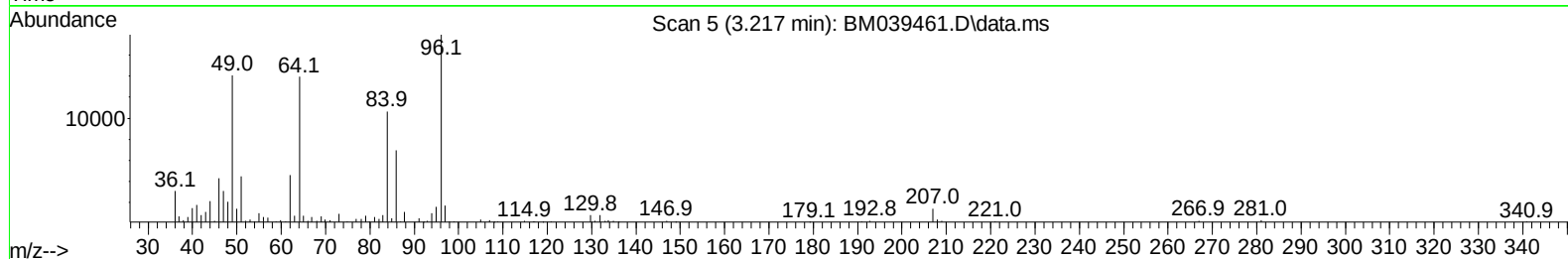
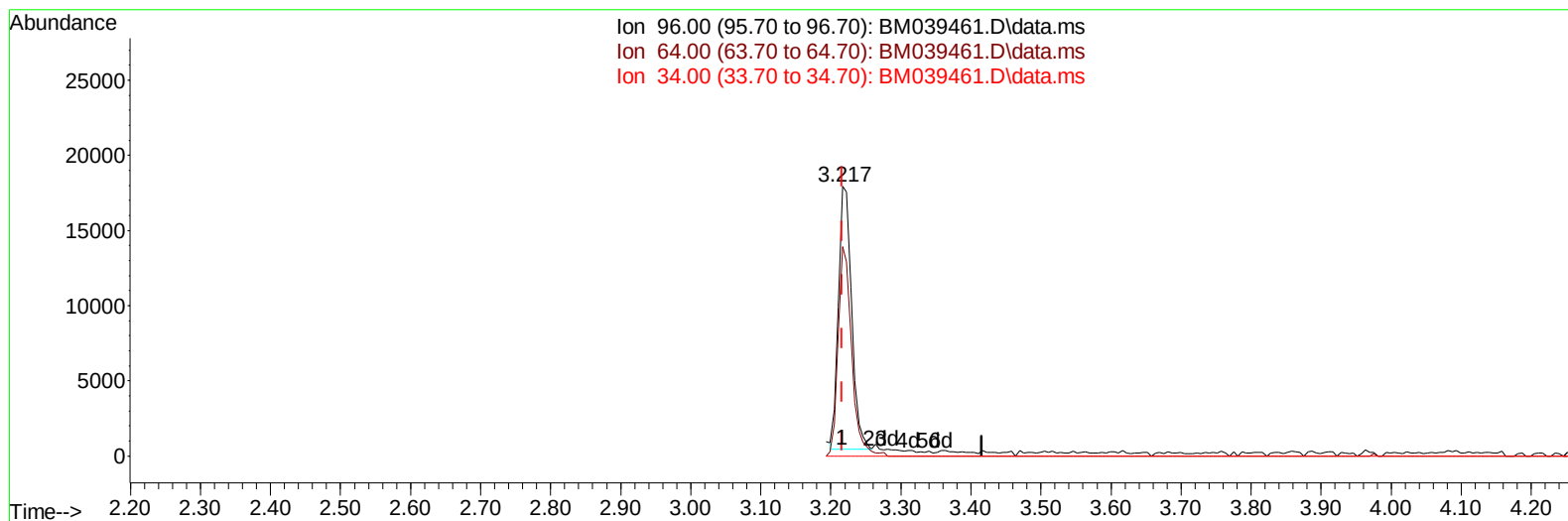
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039461.D  
 Acq On : 18 Apr 2023 17:15  
 Operator : CG/JU  
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 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE7

Manual IntegrationsAPPROVED

Quant Time: Apr 19 00:14:16 2023  
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TIC: BM039461.D\data.ms

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

**3.217min (+ 0.001) 4.36 ng/uL m**

**response 22935**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 73.10  | 77.66  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

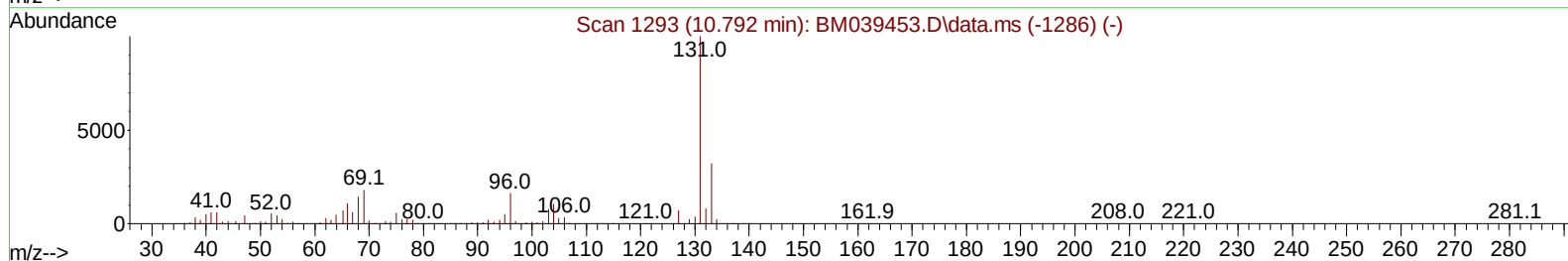
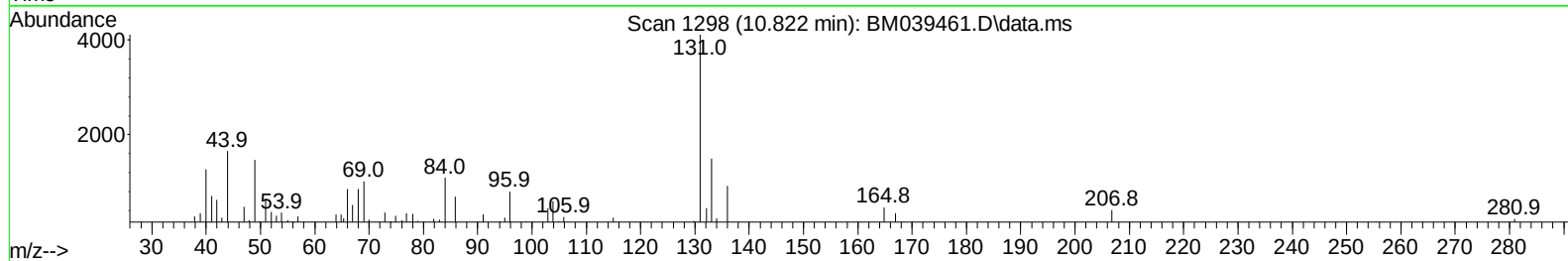
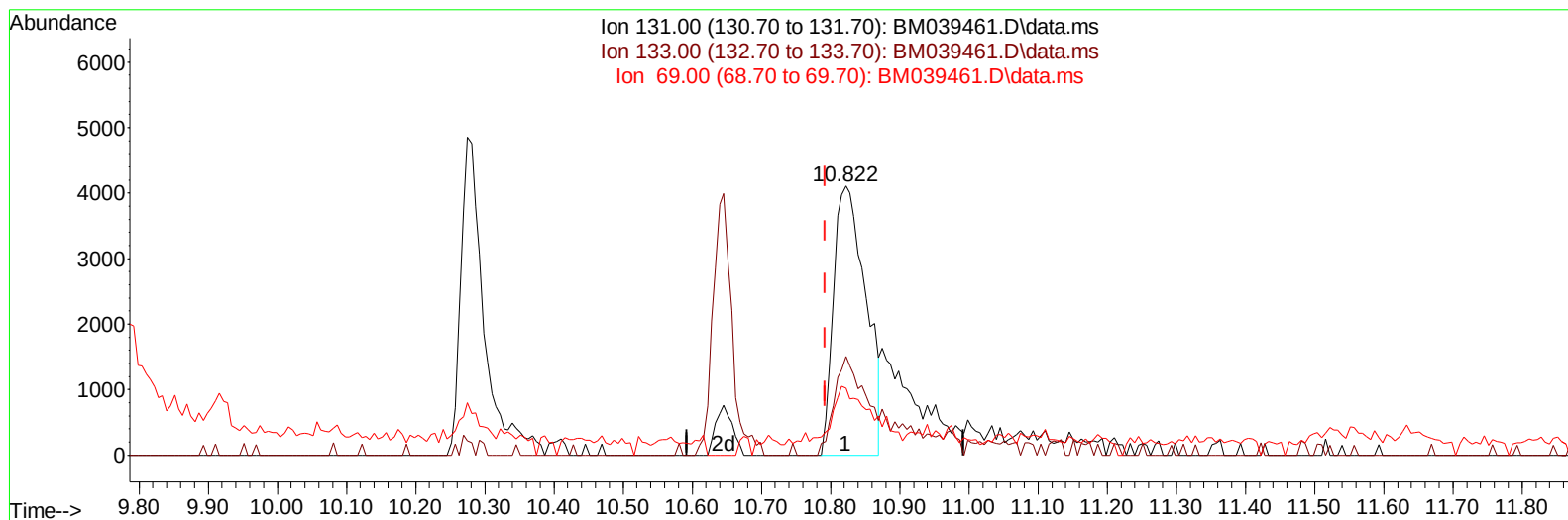
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039461.D  
 Acq On : 18 Apr 2023 17:15  
 Operator : CG/JU  
 Sample : 02299-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE7

Manual IntegrationsAPPROVED

Quant Time: Apr 19 00:26:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 18 23:56:45 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023



TIC: BM039461.D\data.ms

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

**10.822min (+ 0.030) 0.61 ng/ul**

**response 13227**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.20  | 36.56  |
| 69.00  | 18.10  | 24.79# |
| 0.00   | 0.00   | 0.00   |

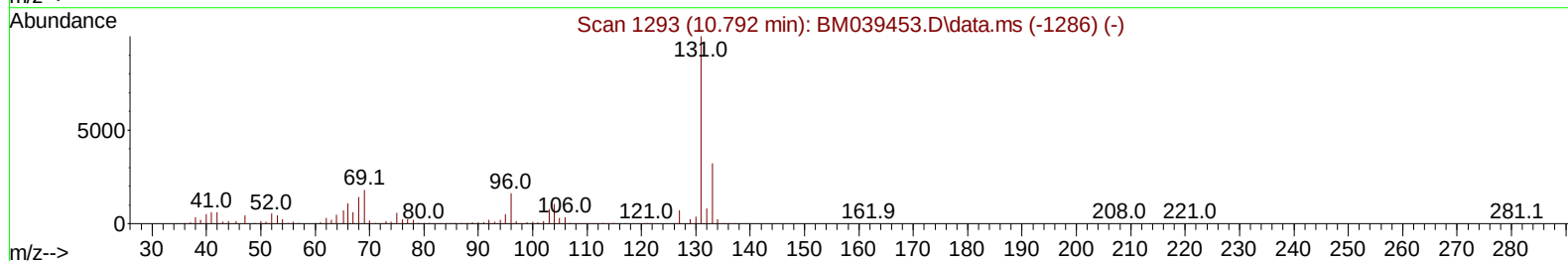
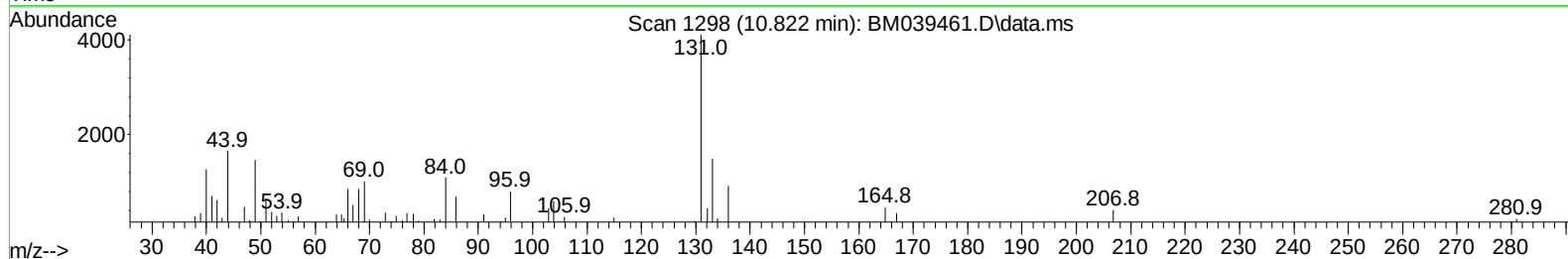
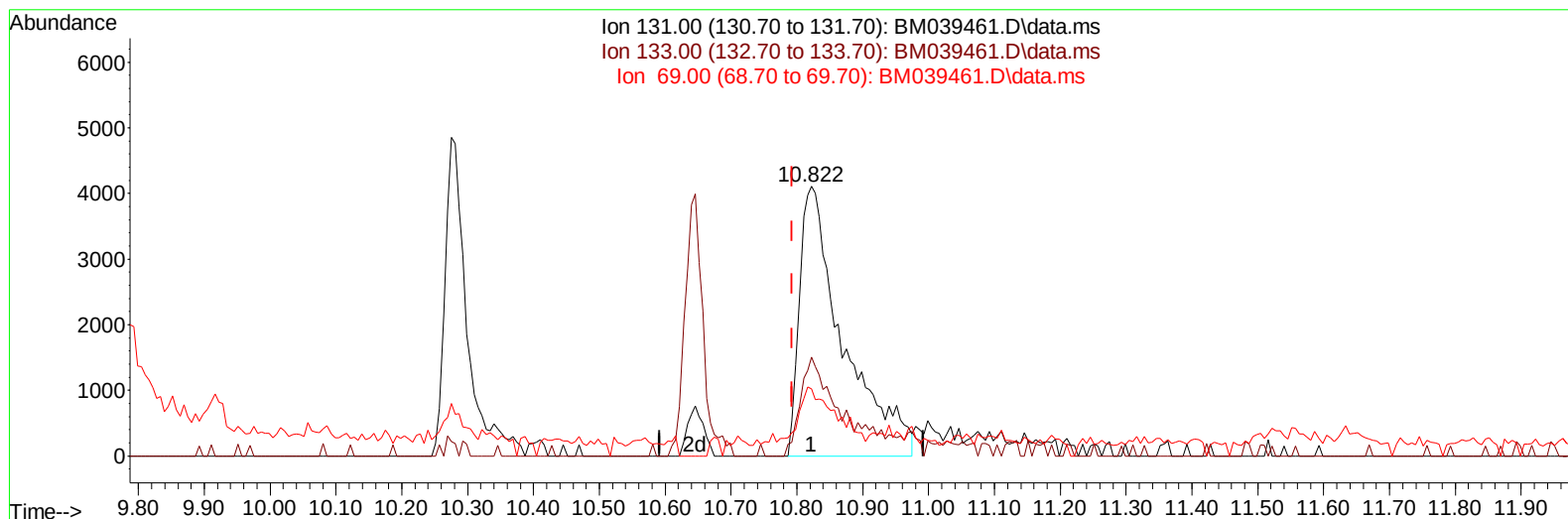
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039461.D  
 Acq On : 18 Apr 2023 17:15  
 Operator : CG/JU  
 Sample : 02299-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE7

Manual IntegrationsAPPROVED

Quant Time: Apr 19 00:26:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 18 23:56:45 2023  
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Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023



TIC: BM039461.D\data.ms

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

**10.822min (+ 0.030) 0.87 ng/ul m**

**response 18830**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.20  | 36.56  |
| 69.00  | 18.10  | 24.79# |
| 0.00   | 0.00   | 0.00   |

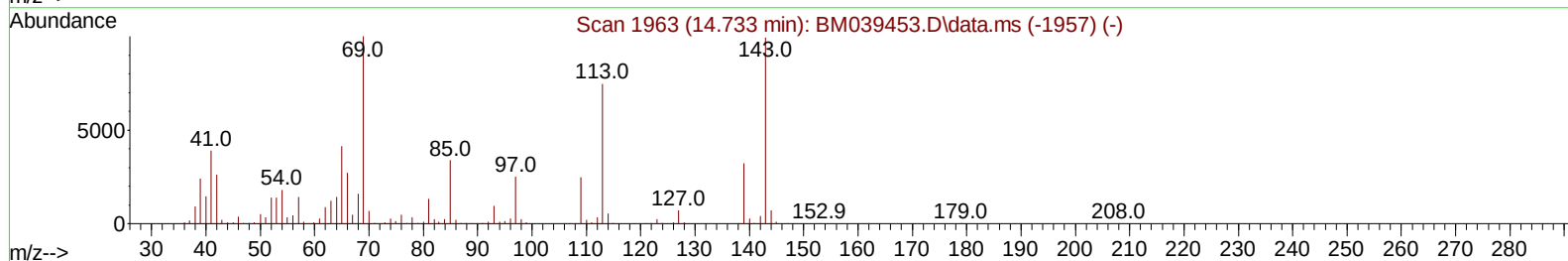
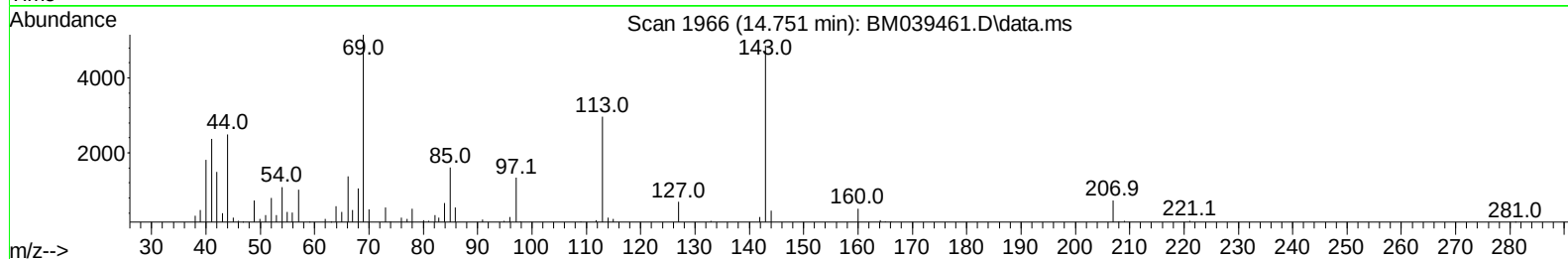
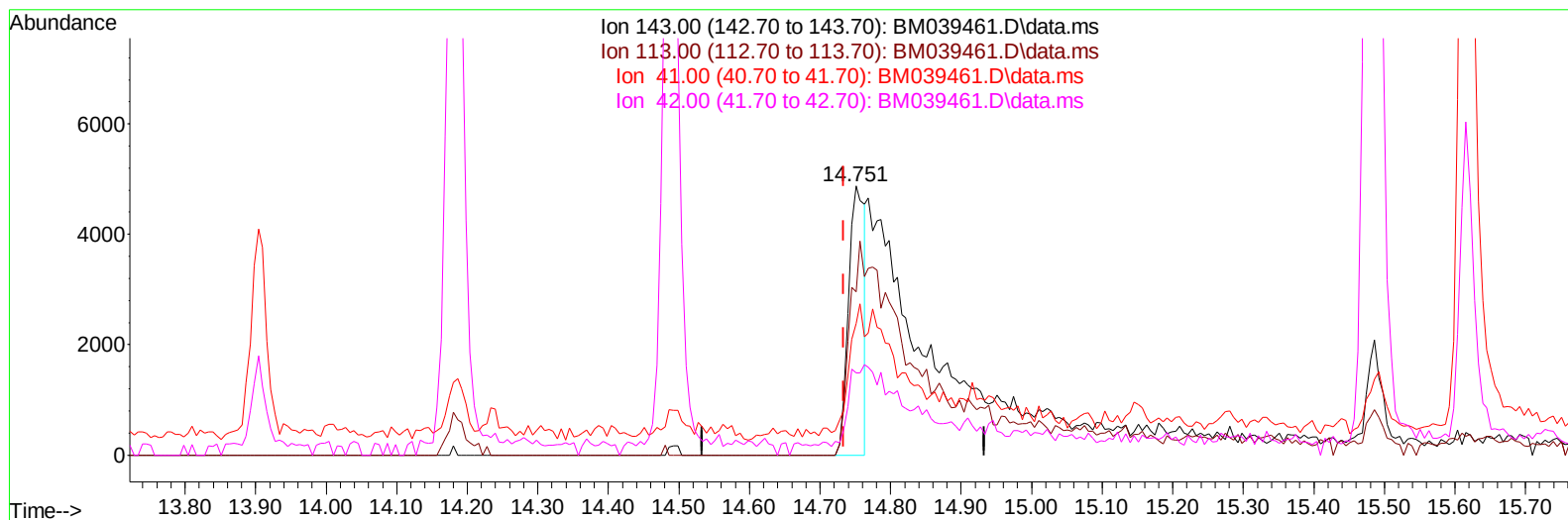
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039461.D  
 Acq On : 18 Apr 2023 17:15  
 Operator : CG/JU  
 Sample : 02299-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE7

Manual IntegrationsAPPROVED

Quant Time: Apr 19 00:27:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 18 23:56:45 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023



TIC: BM039461.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.751min (+ 0.018) 1.01 ng/ul**

**response 7740**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 75.20  | 60.80  |
| 41.00  | 39.90  | 48.85# |
| 42.00  | 26.60  | 30.56  |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039461.D  
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 Operator : CG/JU  
 Sample : 02299-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE7

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2023  
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 00:27:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 18 23:56:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.834  | 152  | 202078   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.640 | 136  | 931440   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.492 | 164  | 627828   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.239 | 188  | 1353844  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.433 | 240  | 1093571  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.809 | 264  | 968139   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.217  | 96   | 22935m   | 4.356  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 7.028  | 99   | 105863   | 5.724  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 342930   | 28.052 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.369  | 132  | 322753   | 22.246 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.569  | 113  | 201688   | 13.538 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.004  | 128  | 211543   | 28.230 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.728  | 143  | 227151   | 26.995 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.281 | 165  | 343931   | 23.754 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.822 | 131  | 18830m   | 0.871  | ng/ul  | 0.03     |
| 46) Dimethylphthalate-d6      | 13.904 | 166  | 1737882  | 34.323 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.181 | 160  | 1748023  | 30.730 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.751 | 143  | 31160m   | 4.066  | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.486 | 176  | 1451302  | 34.985 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.616 | 200  | 277679   | 30.864 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.339 | 188  | 2452745  | 37.671 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.639 | 212  | 2790499  | 38.401 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.656 | 264  | 1979557  | 37.873 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.252  | 88   | 145246   | 25.211 | ng/uL  | 96       |
| -----                         |        |      |          |        |        |          |

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

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