

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039458.D  
 Acq On : 18 Apr 2023 15:26  
 Operator : CG/JU  
 Sample : PB152151BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA\_M

ClientSampleId :

SBLK151

Manual IntegrationsAPPROVED

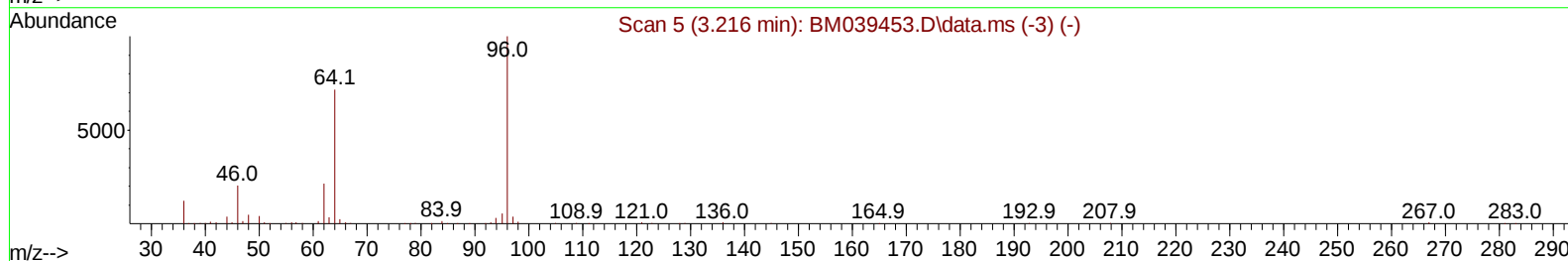
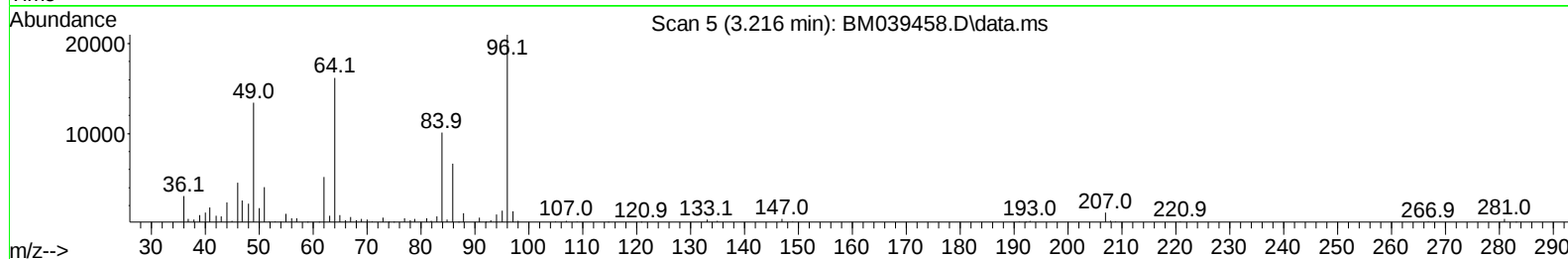
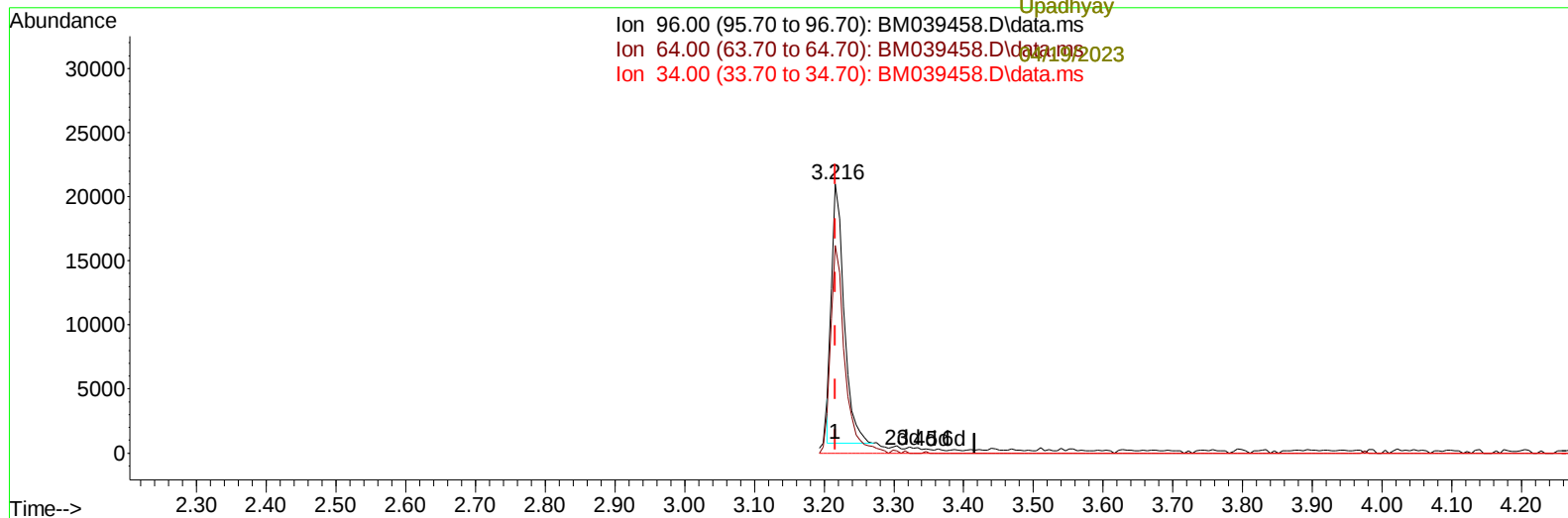
Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023

04/19/2023

Supervised By :Jagrut

Upadhyay



TIC: BM039458.D\data.ms

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

3.216min (+ 0.000) 4.99 ng/uL

response 25170

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 73.10  | 77.15  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 9 Sample Multiplier: 1

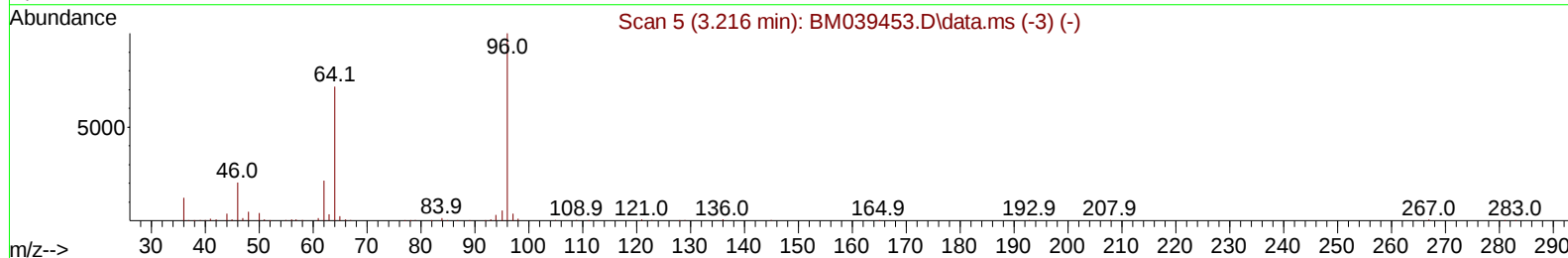
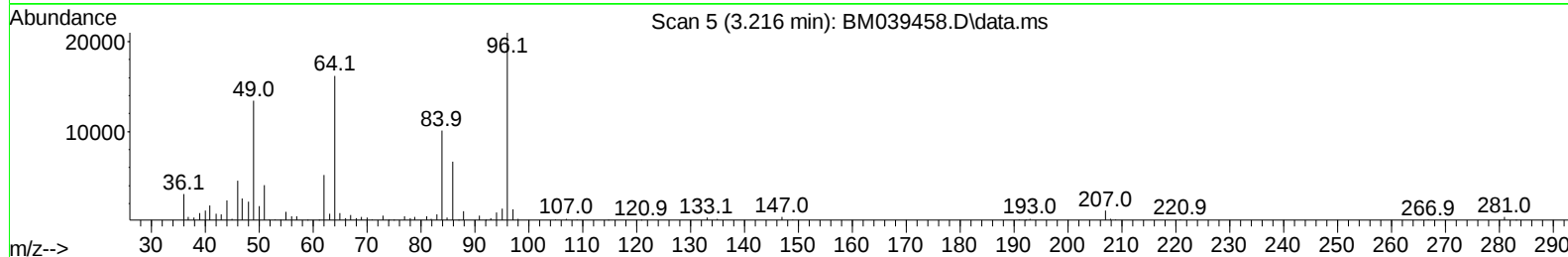
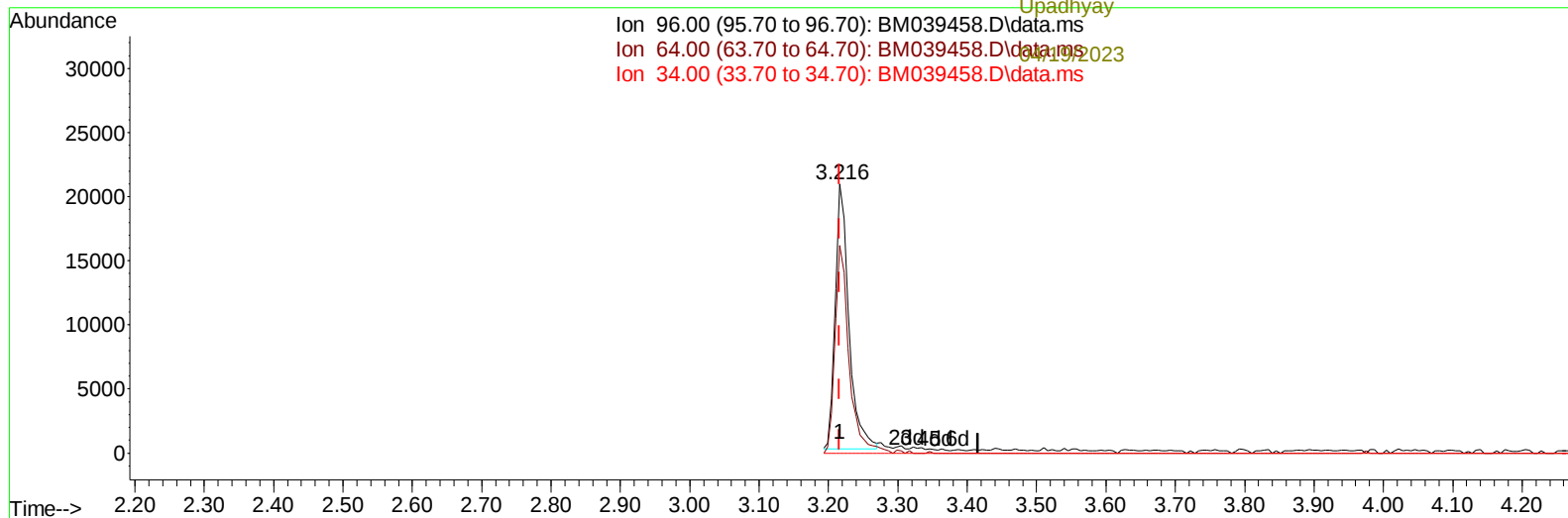
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK151

## Manual IntegrationsAPPROVED

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

Quant Time: Apr 19 00:19:27 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

04/19/2023  
 Supervised By :Jagrut  
 Upadhyay



TIC: BM039458.D\data.ms

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

3.216min (+ 0.000) 5.64 ng/uL m

response 28419

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 73.10  | 77.15  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 Data File : BM039458.D  
 Acq On : 18 Apr 2023 15:26  
 Operator : CG/JU  
 Sample : PB152151BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

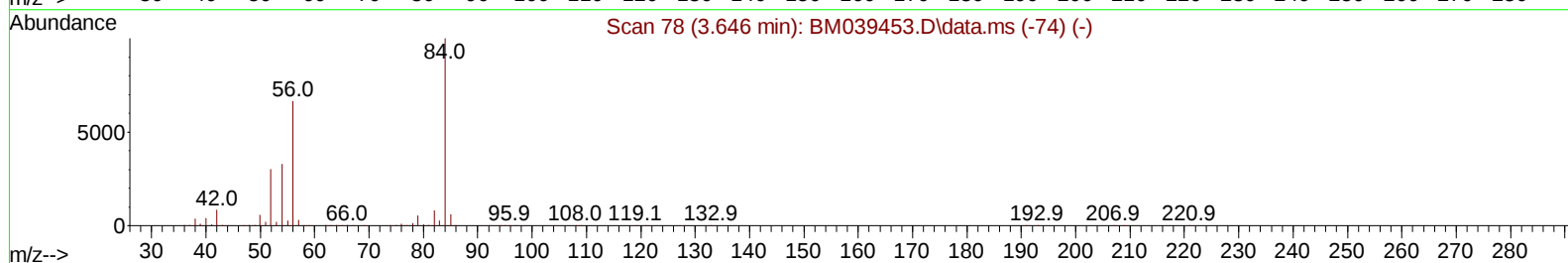
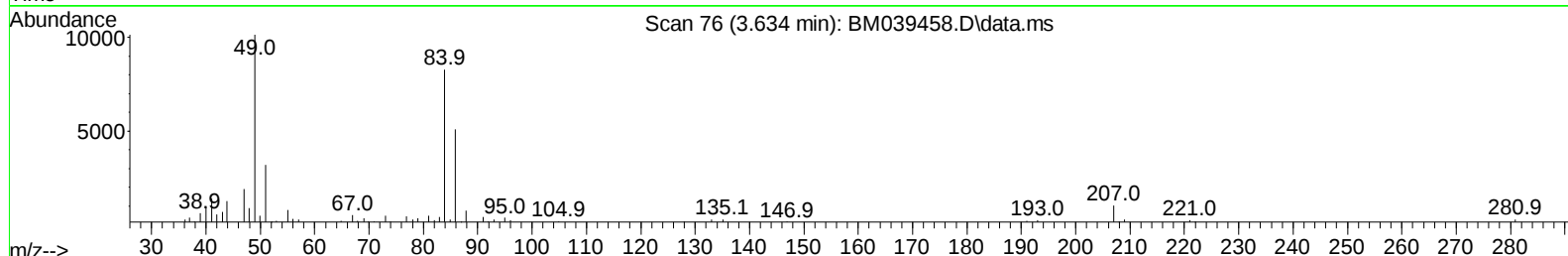
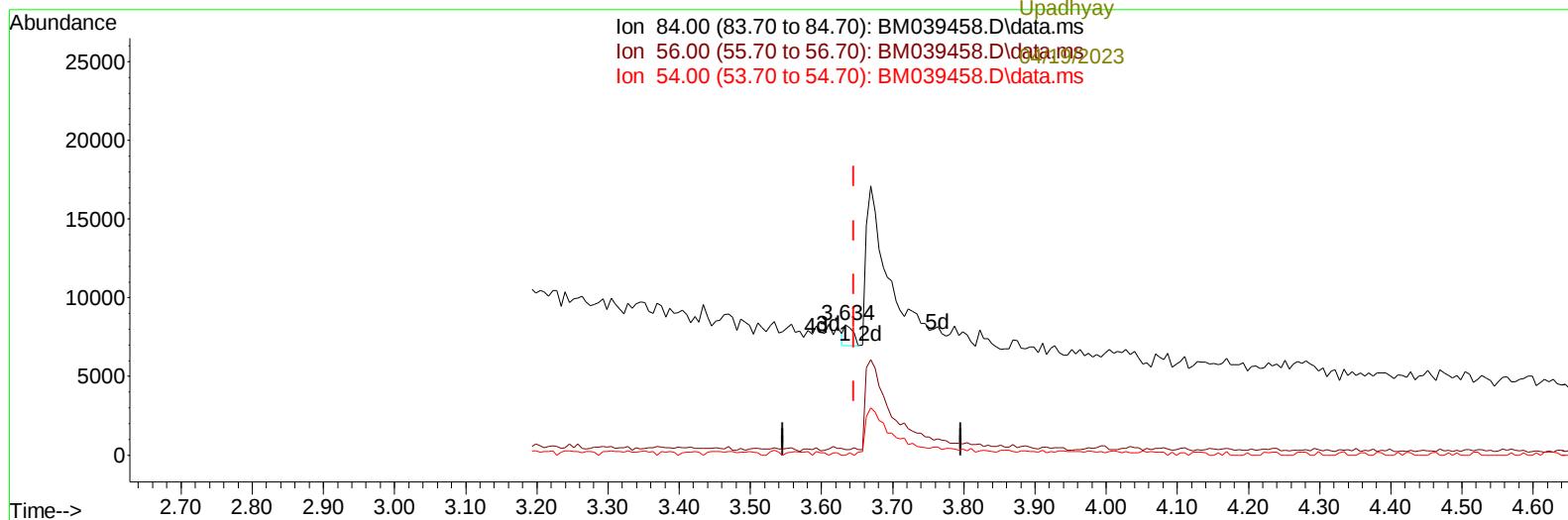
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK151

Manual IntegrationsAPPROVED

Quant Time: Apr 19 00:19:53 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

04/19/2023  
 Supervised By :Jagrut  
 Upadhyay



TIC: BM039458.D\data.ms

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

3.634min (-0.012) 0.08 ng/u1

response 1141

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 64.40  | 4.00#  |
| 54.00 | 32.00  | 0.00#  |
| 0.00  | 0.00   | 0.00   |

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 Sample : PB152151BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK151

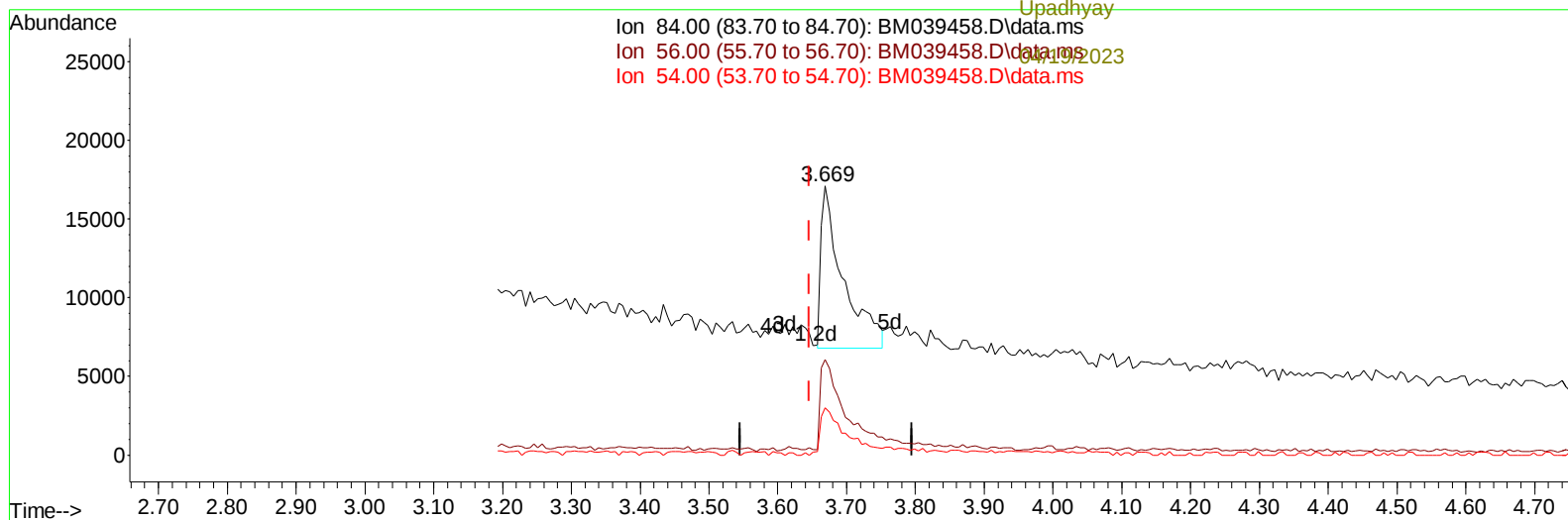
## Manual IntegrationsAPPROVED

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

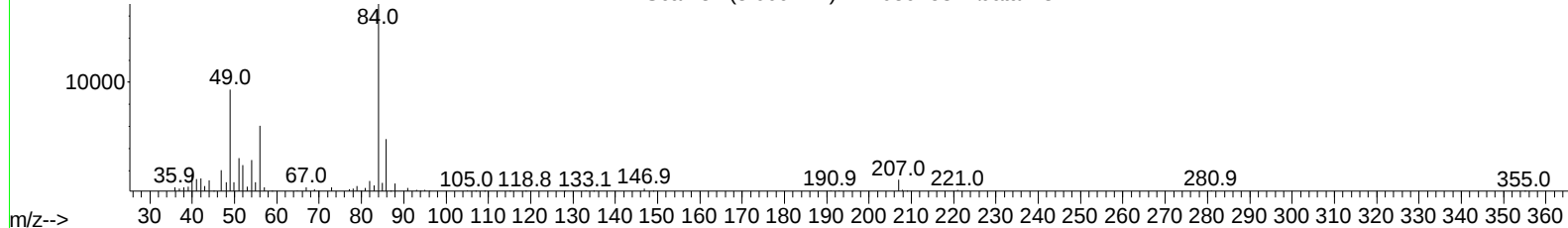
04/19/2023  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: Apr 19 00:19:53 2023  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 18 23:56:45 2023  
 Response via : Initial Calibration

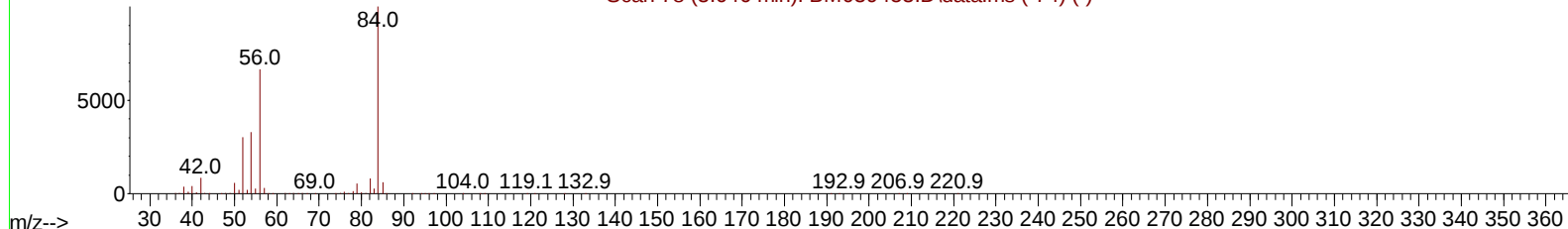
Ion 84.00 (83.70 to 84.70): BM039458.D\data.ms  
 Ion 56.00 (55.70 to 56.70): BM039458.D\data.ms  
 Ion 54.00 (53.70 to 54.70): BM039458.D\data.ms



Scan 82 (3.669 min): BM039458.D\data.ms



Scan 78 (3.646 min): BM039453.D\data.ms (-74) (-)



TIC: BM039458.D\data.ms

## (4) Pyridine-d5 (S)

3.669min (+ 0.023) 1.63 ng/u1 m

response 23153

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 64.40  | 35.60# |
| 54.00 | 32.00  | 17.49# |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039458.D  
 Acq On : 18 Apr 2023 15:26  
 Operator : CG/JU  
 Sample : PB152151BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

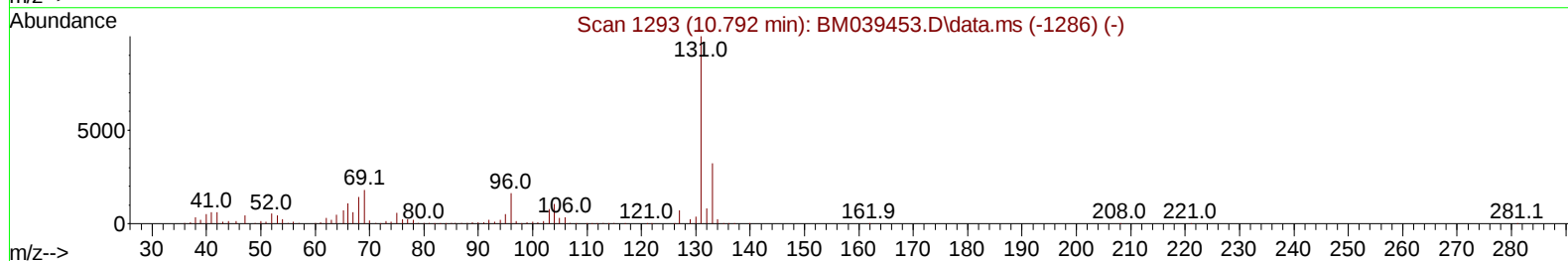
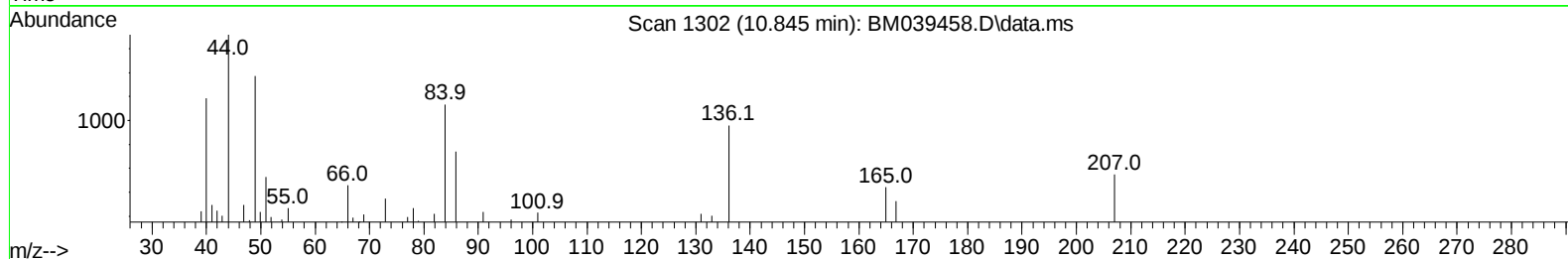
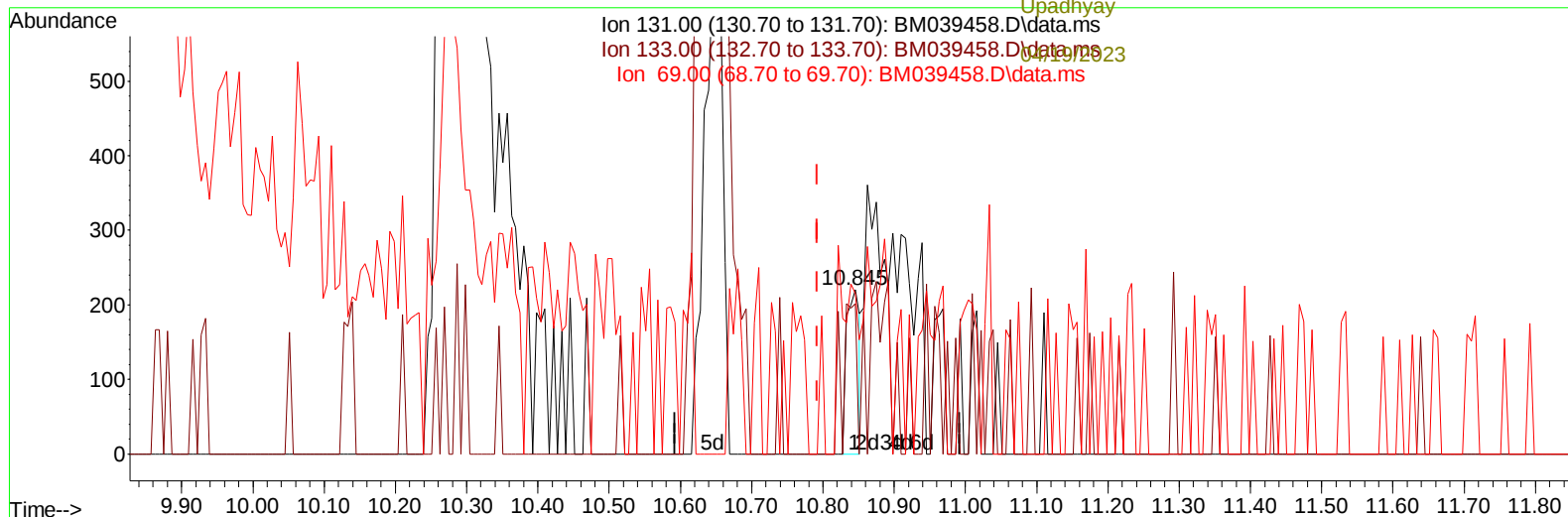
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK151

## Manual IntegrationsAPPROVED

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

Quant Time: Apr 19 00:20:16 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

04/19/2023  
 Supervised By :Jagrut  
 Upadhyay



TIC: BM039458.D\data.ms

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

10.845min (+ 0.053) 0.01 ng/ul

response 280

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.20  | 91.82# |
| 69.00  | 18.10  | 97.73# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
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 Acq On : 18 Apr 2023 15:26  
 Operator : CG/JU  
 Sample : PB152151BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

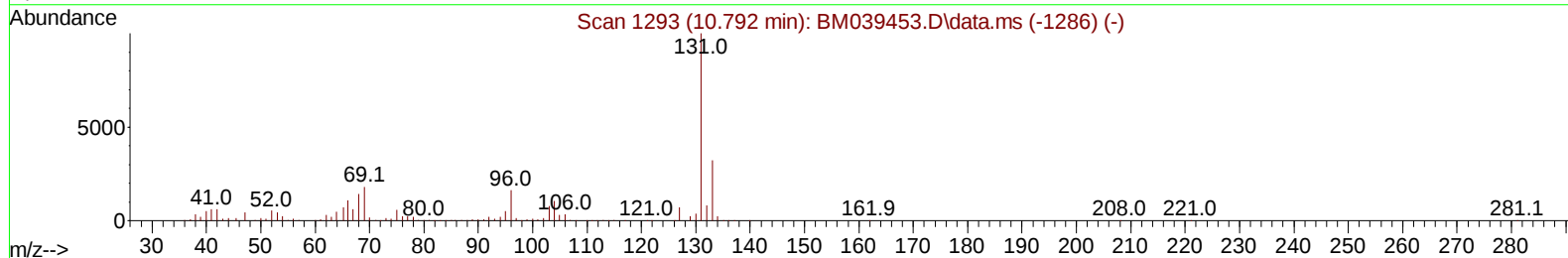
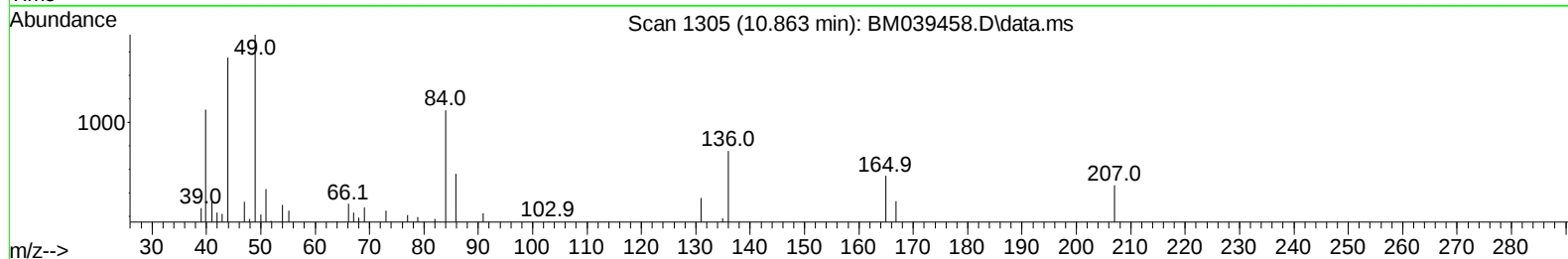
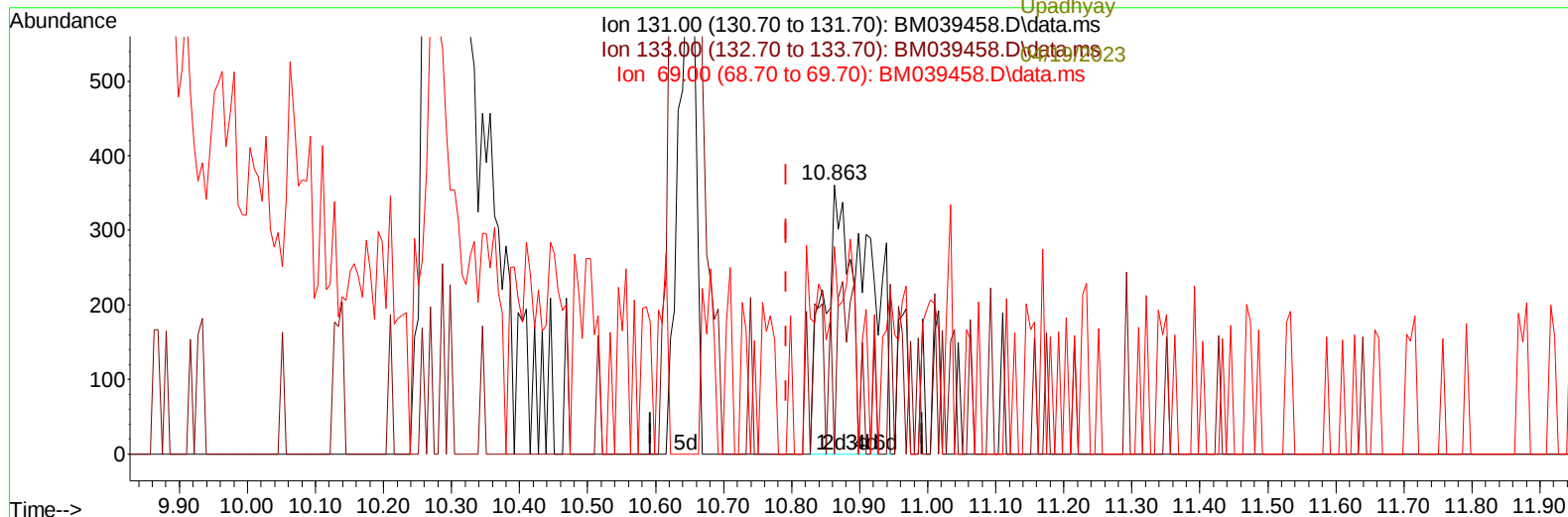
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK151

## Manual IntegrationsAPPROVED

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

Quant Time: Apr 19 00:20:16 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  
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04/19/2023  
 Supervised By :Jagrut  
 Upadhyay



TIC: BM039458.D\data.ms

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

10.863min (+ 0.070) 0.08 ng/ul m

response 1665

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.20  | 0.00#  |
| 69.00  | 18.10  | 77.01# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039458.D  
 Acq On : 18 Apr 2023 15:26  
 Operator : CG/JU  
 Sample : PB152151BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK151

## Manual IntegrationsAPPROVED

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

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Quant Time: Apr 19 00:20:39 2023  
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 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----04/19/2023               |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.834  | 152  | 193461   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.639 | 136  | 893497   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.492 | 164  | 601612   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.239 | 188  | 1309967  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.433 | 240  | 1189384  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.809 | 264  | 1176200  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.216  | 96   | 28419m   | 5.639  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.669  | 84   | 23153m   | 1.635  | ng/ul | 0.02     |
| 7) Phenol-d5                  | 7.022  | 99   | 316419   | 17.870 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 332854   | 28.441 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.369  | 132  | 398409   | 28.684 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.569  | 113  | 244968   | 17.175 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.004  | 128  | 202407   | 28.158 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.728  | 143  | 231097   | 28.630 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.280 | 165  | 345287   | 24.861 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.863 | 131  | 1665m    | 0.080  | ng/ul | 0.07     |
| 46) Dimethylphthalate-d6      | 13.904 | 166  | 1407925  | 29.018 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.186 | 160  | 1056327  | 19.379 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.739 | 143  | 141256   | 19.237 | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.486 | 176  | 1184317  | 29.793 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.621 | 200  | 205939   | 23.657 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.339 | 188  | 1754335  | 27.847 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.639 | 212  | 2128683  | 26.934 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.656 | 264  | 1267136  | 19.954 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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