

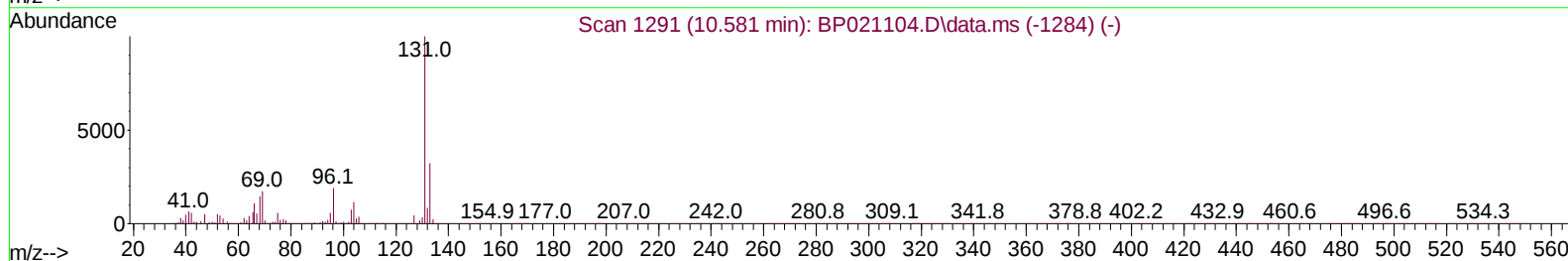
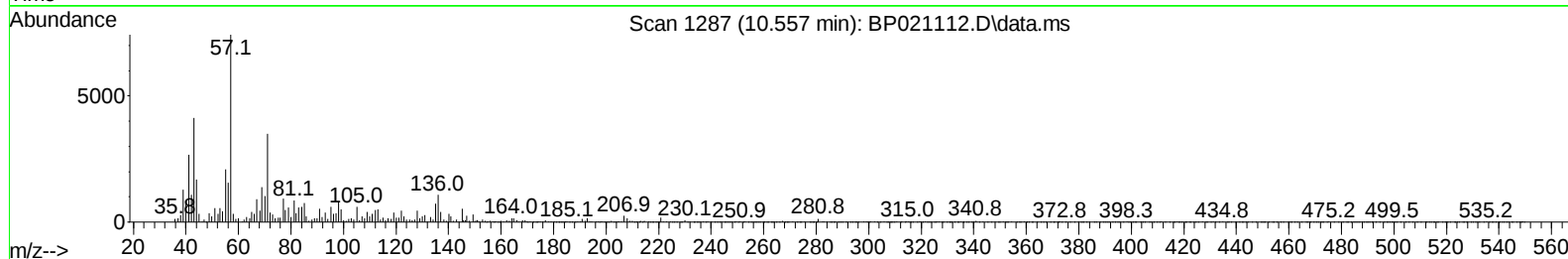
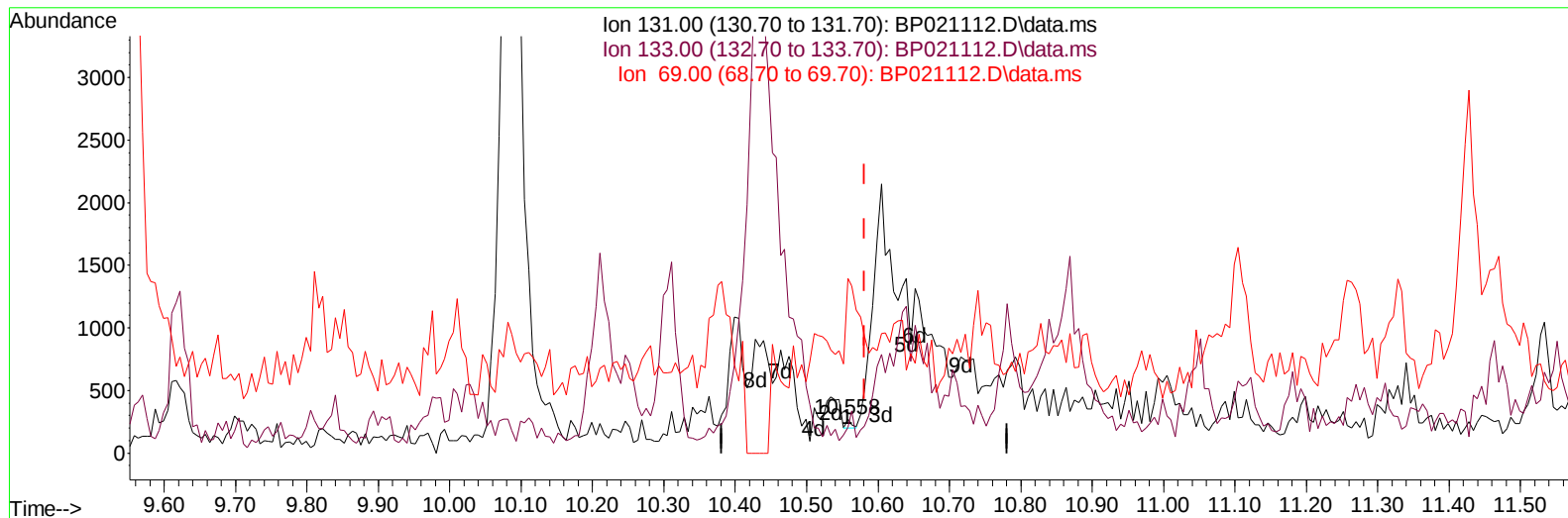
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
Data File : BP021112.D  
Acq On : 24 Jul 2024 00:25  
Operator : MA/JU  
Sample : P3215-14  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:56:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 24 00:21:57 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024  
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021112.D\data.ms

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

**10.557min (-0.023) 0.00 ng/u1**

**response 40**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 131.00 | 100.00 | 100.00  |
| 133.00 | 32.50  | 75.37#  |
| 69.00  | 17.40  | 512.50# |
| 0.00   | 0.00   | 0.00    |

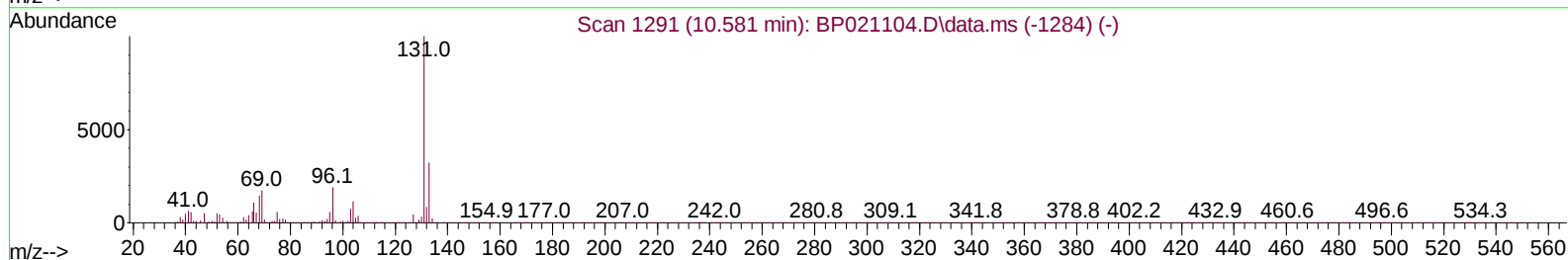
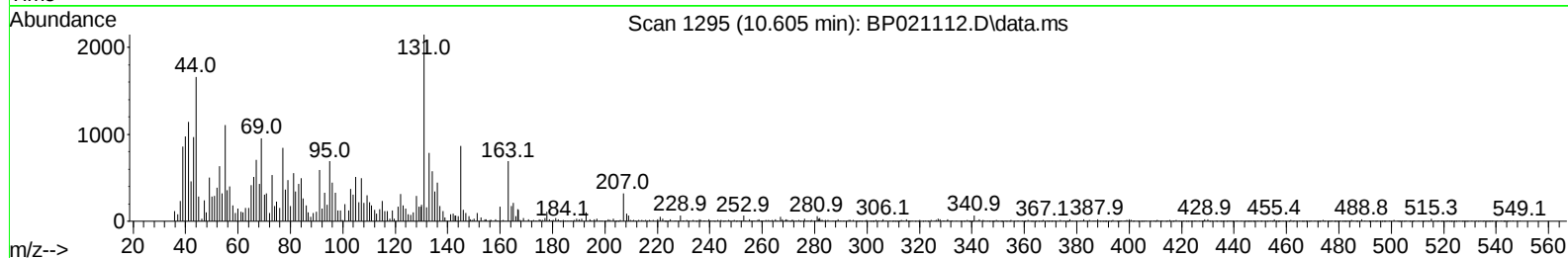
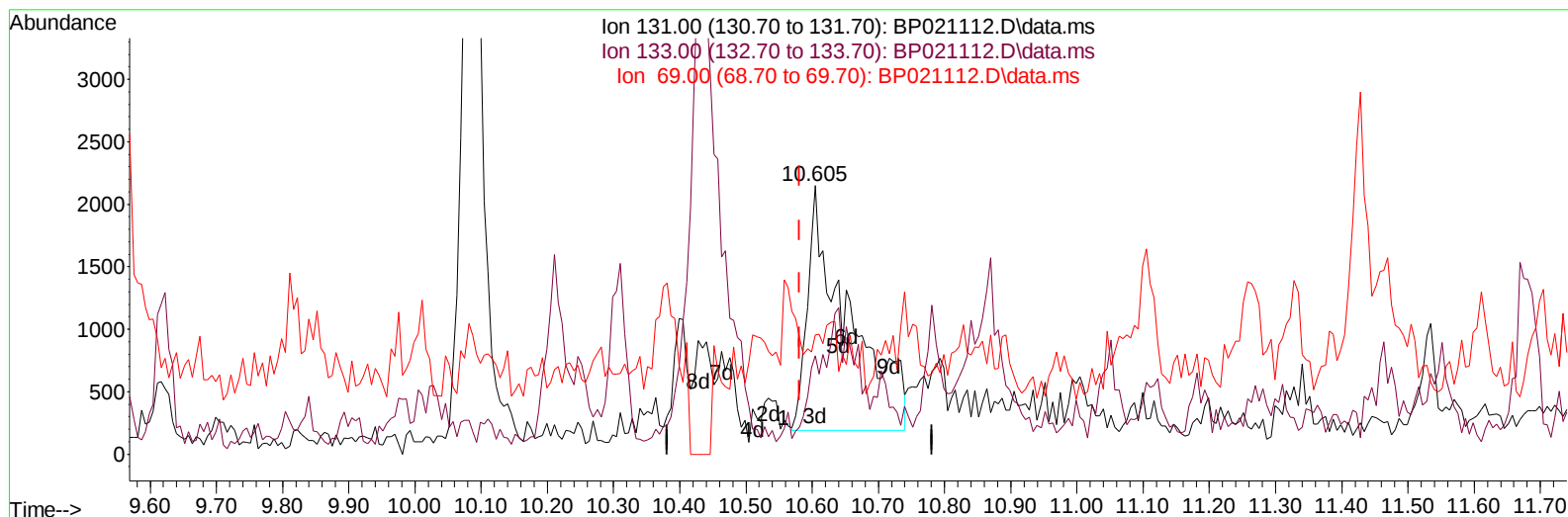
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
 Data File : BP021112.D  
 Acq On : 24 Jul 2024 00:25  
 Operator : MA/JU  
 Sample : P3215-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:56:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 24 00:21:57 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024  
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021112.D\data.ms

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

**10.605min (+ 0.024) 0.48 ng/ul m**

**response 8404**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.50  | 36.73  |
| 69.00  | 17.40  | 44.37# |
| 0.00   | 0.00   | 0.00   |

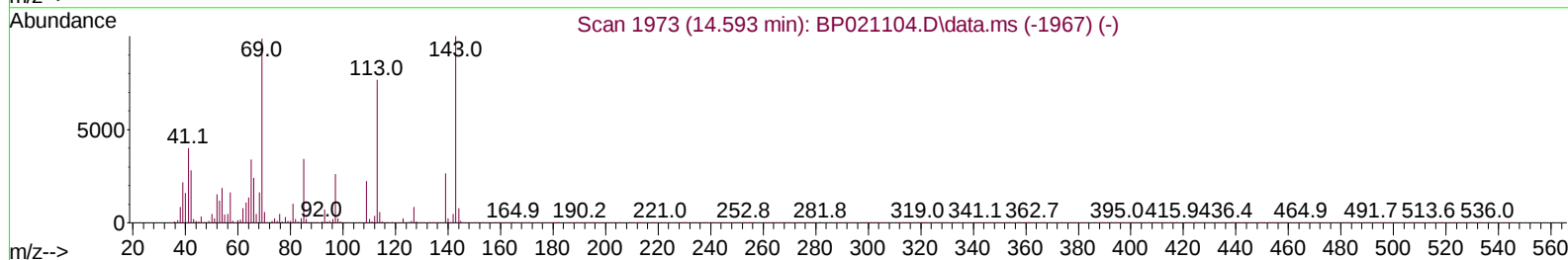
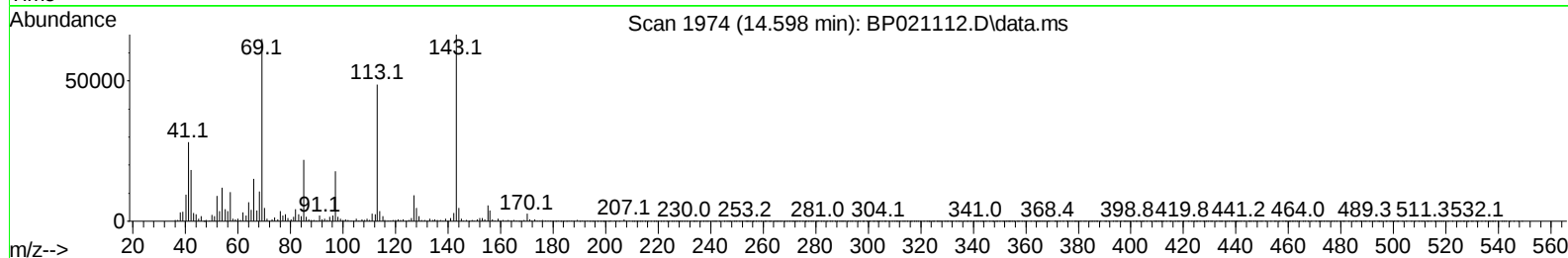
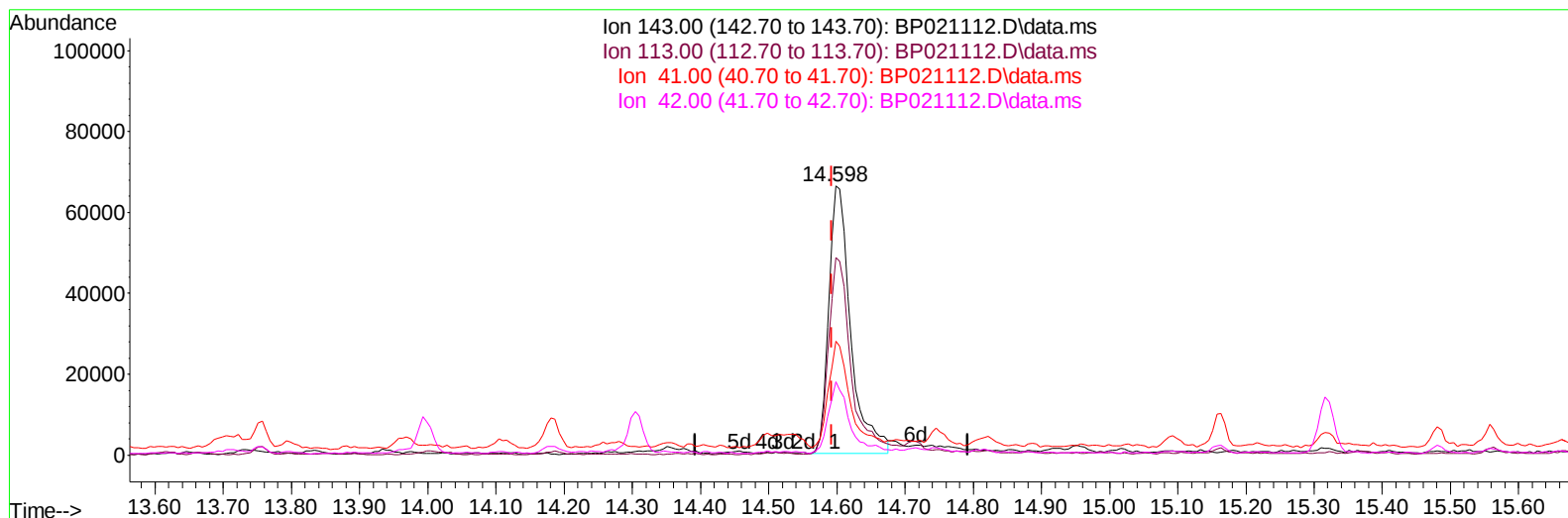
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
 Data File : BP021112.D  
 Acq On : 24 Jul 2024 00:25  
 Operator : MA/JU  
 Sample : P3215-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:56:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
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Reviewed By :Jagrut Upadhyay 07/24/2024  
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021112.D\data.ms

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

**14.598min (+ 0.006) 25.55 ng/u1**

**response 148377**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 73.35  |
| 41.00  | 37.90  | 42.34  |
| 42.00  | 27.10  | 27.36  |

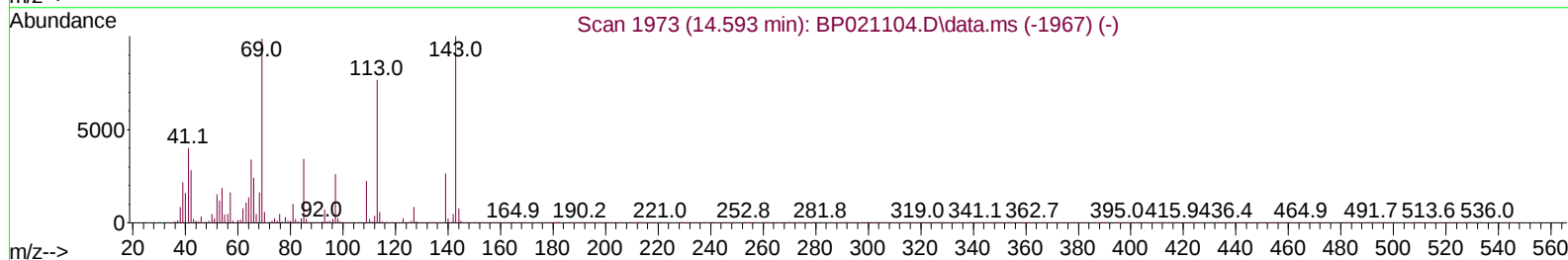
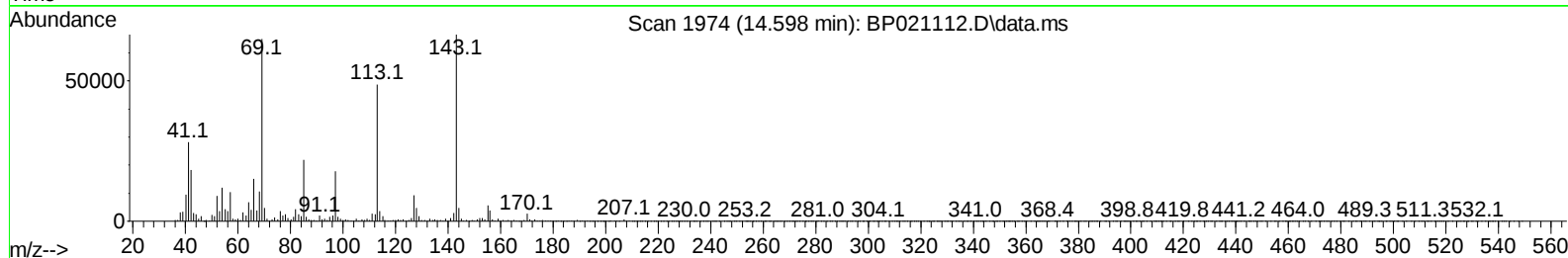
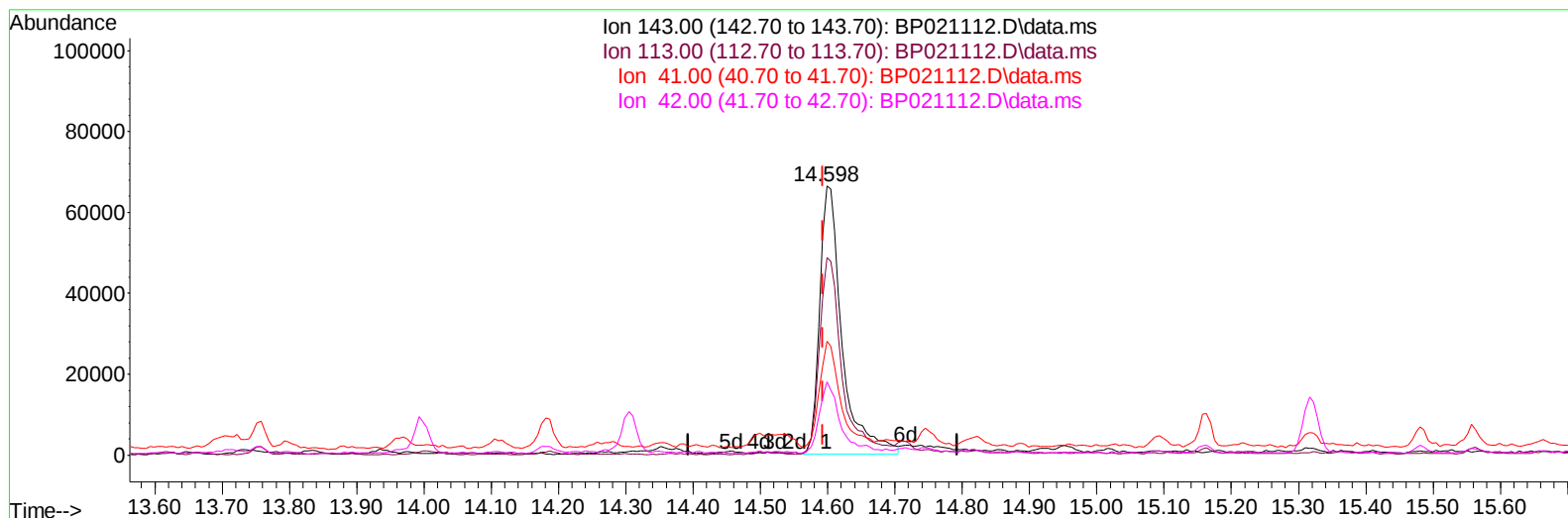
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
 Data File : BP021112.D  
 Acq On : 24 Jul 2024 00:25  
 Operator : MA/JU  
 Sample : P3215-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:56:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 24 00:21:57 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024  
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021112.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.598min (+ 0.006) 26.39 ng/ul m

response 153282

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 73.35  |
| 41.00  | 37.90  | 42.34  |
| 42.00  | 27.10  | 27.36  |

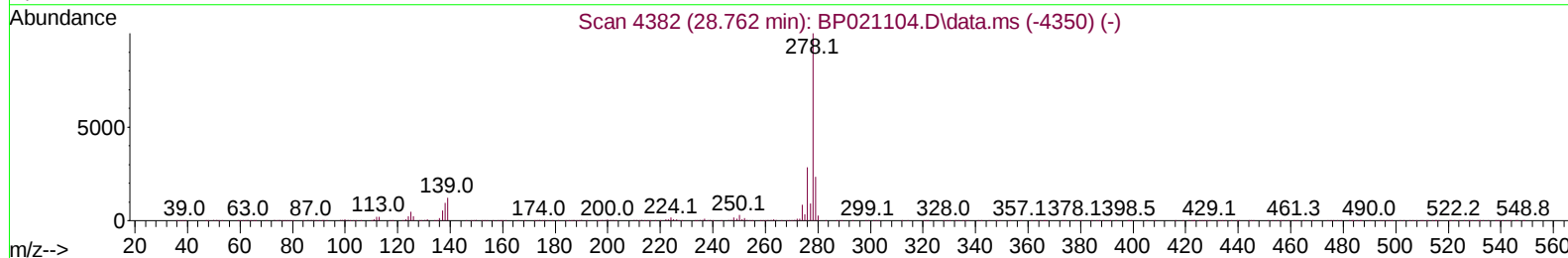
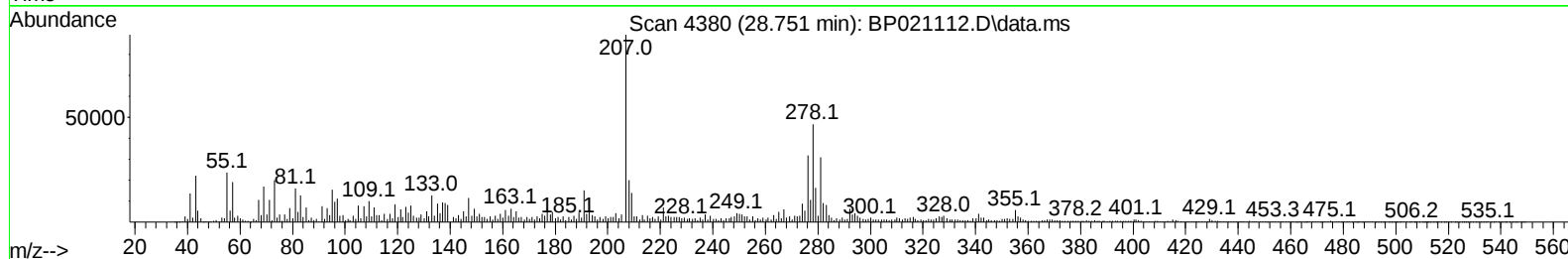
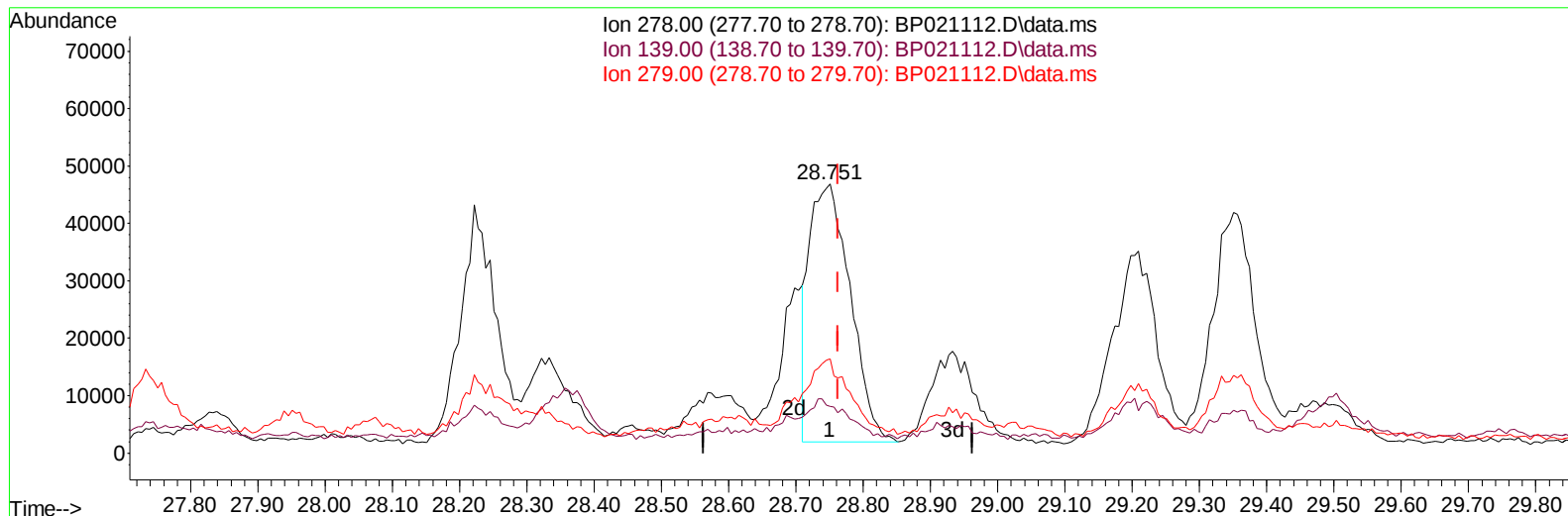
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
Data File : BP021112.D  
Acq On : 24 Jul 2024 00:25  
Operator : MA/JU  
Sample : P3215-14  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:56:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 24 00:21:57 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024  
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021112.D\data.ms

(95) Dibenzo(a,h)anthracene

28.751min (-0.012) 2.22 ng/u1

response 188492

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.60  | 17.33# |
| 279.00 | 24.20  | 35.10# |
| 0.00   | 0.00   | 0.00   |

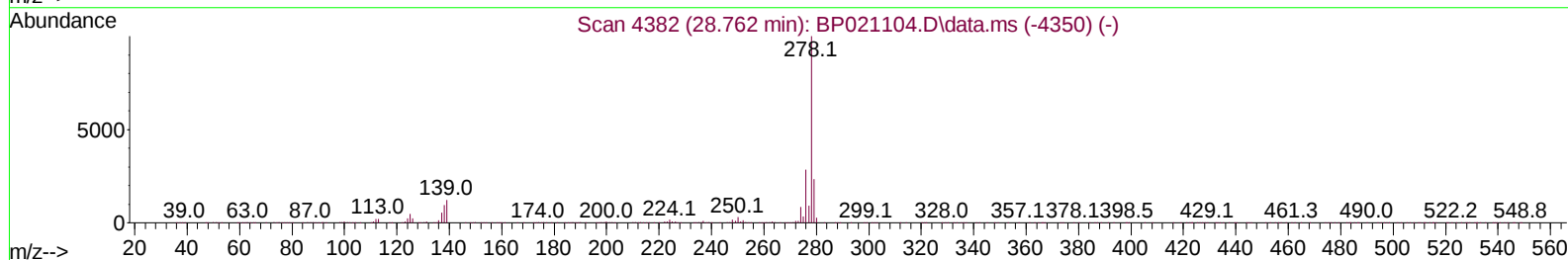
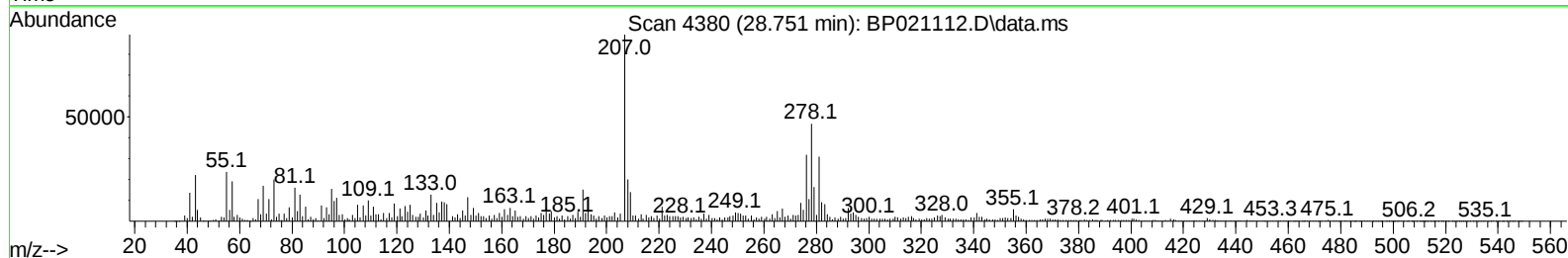
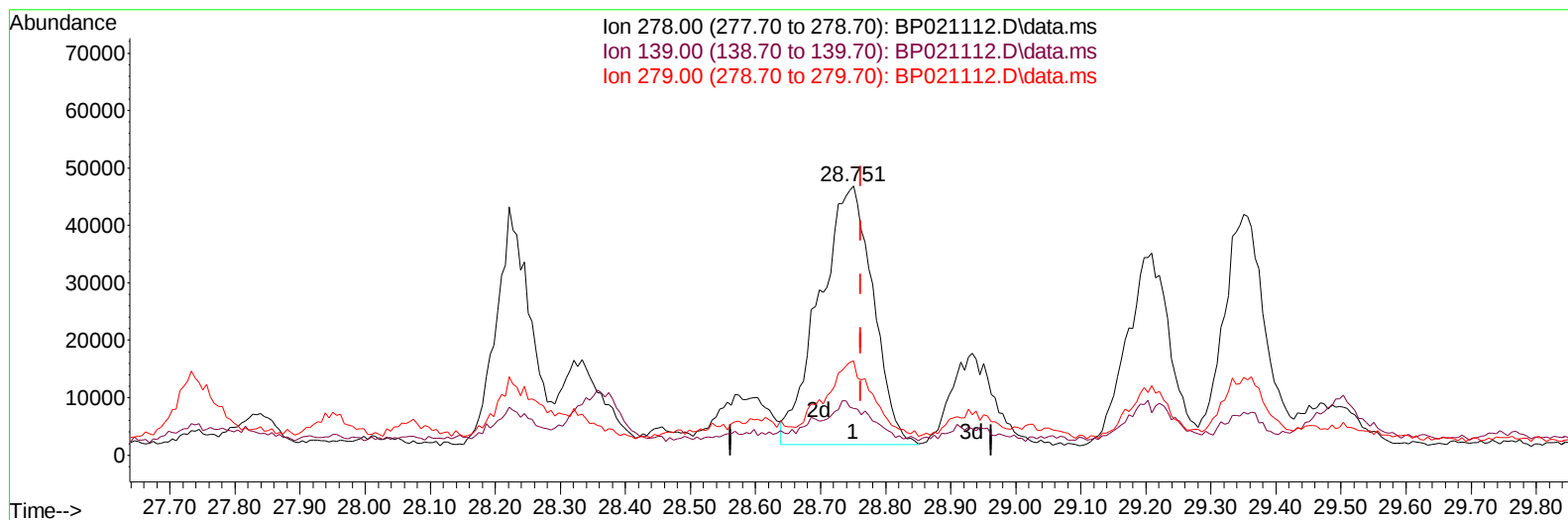
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
Data File : BP021112.D  
Acq On : 24 Jul 2024 00:25  
Operator : MA/JU  
Sample : P3215-14  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:56:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 24 00:21:57 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024  
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021112.D\data.ms

(95) Dibenzo(a,h)anthracene

28.751min (-0.012) 3.02 ng/ul m

response 256210

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.60  | 17.33# |
| 279.00 | 24.20  | 35.10# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
 Data File : BP021112.D  
 Acq On : 24 Jul 2024 00:25  
 Operator : MA/JU  
 Sample : P3215-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:37:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 24 00:21:57 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024  
 Supervised By :mohammad ahmed 07/25/2024

| Compound                      | R.T.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|--------|----------|
| -----                         |        |     |     |          |        |        |          |
| Internal Standards            |        |     |     |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.664  | 152 |     | 197404   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.428 | 136 |     | 816245   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.304 | 164 |     | 561489   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.122 | 188 |     | 1210987  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.569 | 240 |     | 1129569  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.910 | 264 |     | 1387150  | 20.000 | ng/ul  | 0.01     |
| System Monitoring Compounds   |        |     |     |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.193  | 96  |     | 14351    | 3.308  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84  |     | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 6.881  | 99  |     | 378950   | 23.546 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.011  | 67  |     | 219932   | 22.550 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.216  | 132 |     | 318135   | 23.992 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.393  | 113 |     | 286023   | 21.398 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.822  | 128 |     | 158055   | 24.930 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.534  | 143 |     | 185268   | 25.532 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.087 | 165 |     | 329952   | 25.147 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.605 | 131 |     | 8404m    | 0.483  | ng/ul  | 0.02     |
| 46) Dimethylphthalate-d6      | 13.710 | 166 |     | 1026379  | 25.146 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.998 | 160 |     | 1179279  | 25.730 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.598 | 143 |     | 153282m  | 26.394 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.322 | 176 |     | 919920   | 27.472 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.481 | 200 |     | 81230    | 11.086 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.222 | 188 |     | 1358022  | 25.249 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.610 | 212 |     | 1179287  | 16.887 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.669 | 264 |     | 797243   | 11.653 | ng/ul  | -0.01    |
| Target Compounds              |        |     |     |          |        |        |          |
|                               |        |     |     |          |        | Qvalue |          |
| 6) Benzaldehyde               | 6.834  | 77  |     | 8316     | 1.025  | ng/ul  | 92       |
| 30) Naphthalene               | 10.481 | 128 |     | 92265    | 2.149  | ng/ul  | 100      |
| 36) 2-Methylnaphthalene       | 12.104 | 142 |     | 78881    | 2.676  | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.322 | 142 |     | 78512    | 2.590  | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.028 | 152 |     | 164057   | 3.161  | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.710 | 168 |     | 59294    | 1.257  | ng/ul  | 100      |
| 61) Fluorene                  | 15.375 | 166 |     | 42132    | 1.095  | ng/ul# | 93       |
| 72) Phenanthrene              | 17.169 | 178 |     | 936853   | 14.913 | ng/ul  | 100      |
| 74) Anthracene                | 17.263 | 178 |     | 208197   | 3.251  | ng/ul  | 99       |
| 77) Carbazole                 | 17.551 | 167 |     | 108882   | 2.080  | ng/ul  | 95       |
| 80) Fluoranthene              | 19.263 | 202 |     | 2213006  | 26.240 | ng/ul  | 99       |
| 82) Pyrene                    | 19.639 | 202 |     | 1237088  | 14.415 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.551 | 228 |     | 1005032  | 12.702 | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.463 | 149 |     | 71759    | 1.395  | ng/ul# | 96       |
| 87) Chrysene                  | 21.616 | 228 |     | 1271636  | 17.295 | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 23.851 | 252 |     | 1694388  | 20.128 | ng/ul  | 96       |
| 91) Benzo(k)fluoranthene      | 23.910 | 252 |     | 566992   | 6.749  | ng/ul  | 95       |
| 93) Benzo(a)pyrene            | 24.745 | 252 |     | 403782   | 5.076  | ng/ul# | 91       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.686 | 276 |     | 499701   | 4.875  | ng/ul  | 96       |
| 95) Dibenzo(a,h)anthracene    | 28.751 | 278 |     | 256210m  | 3.018  | ng/ul  |          |
| -----                         |        |     |     |          |        |        |          |

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

**Instrument :**

BNA\_P

**ClientSampleId :**

A4D31

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/25/2024

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:37:01 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : wed Jul 24 00:21:57 2024  
Response via : Initial Calibration

