

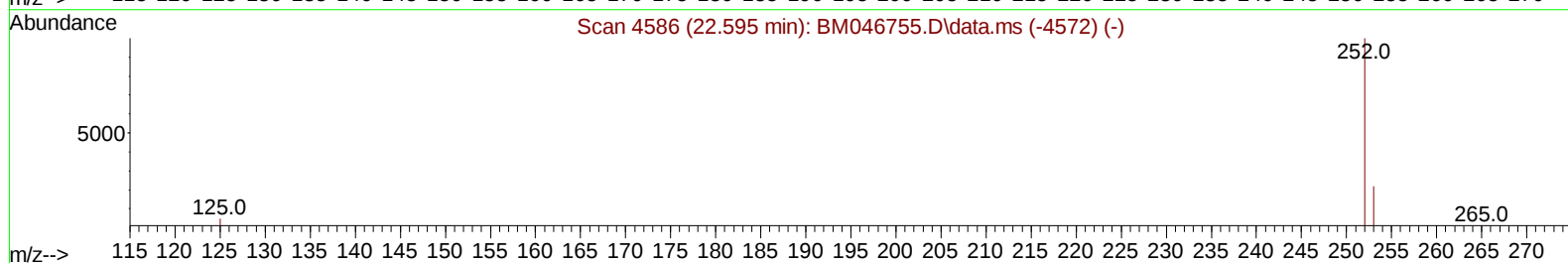
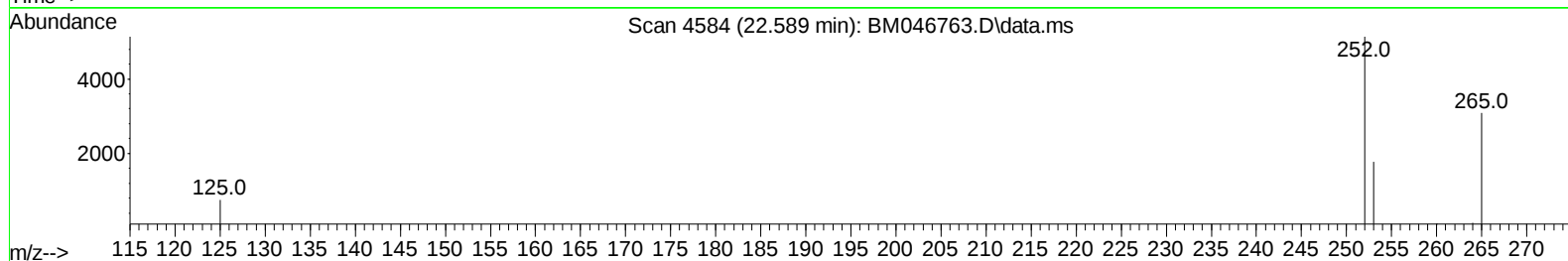
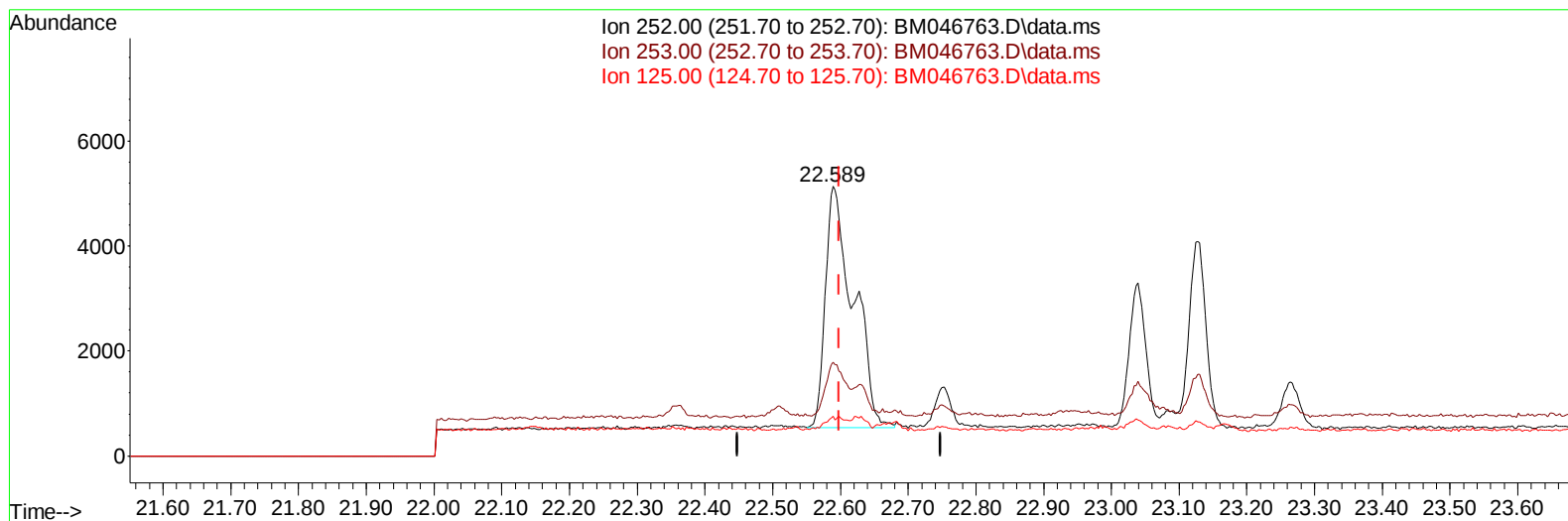
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
Data File : BM046763.D  
Acq On : 23 Jul 2024 00:43  
Operator : MA/JU  
Sample : P3201-04DL 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BZ2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:33:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 19 11:38:04 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046763.D\data.ms

(24) Benzo(b)fluoranthene

22.589min (-0.009) 0.32 ng/u1

response 13127

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 34.75  |
| 125.00 | 8.90   | 14.76  |
| 0.00   | 0.00   | 0.00   |

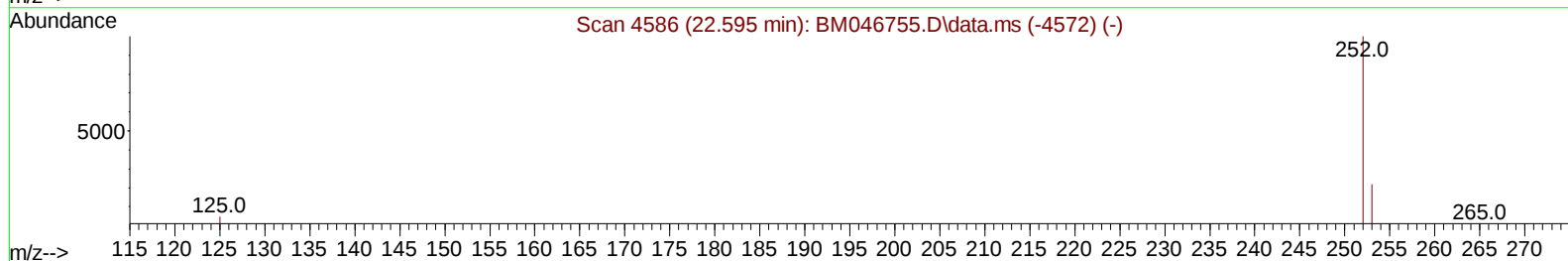
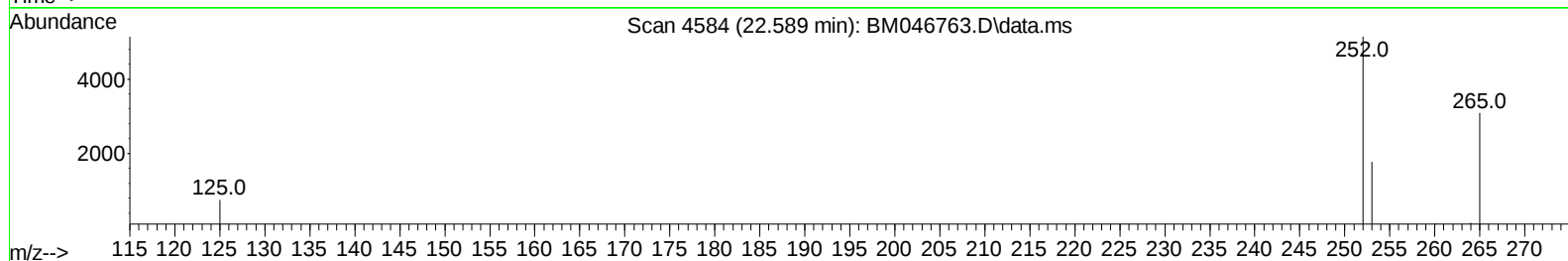
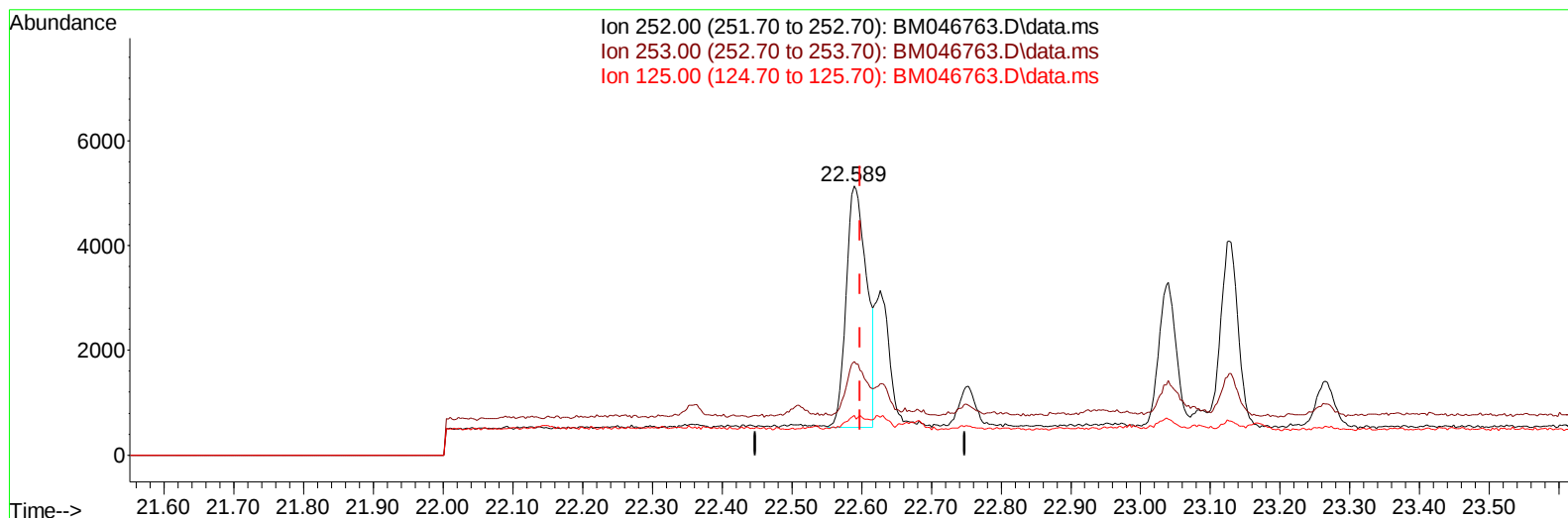
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
Data File : BM046763.D  
Acq On : 23 Jul 2024 00:43  
Operator : MA/JU  
Sample : P3201-04DL 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BZ2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:33:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 19 11:38:04 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046763.D\data.ms

(24) Benzo(b)fluoranthene

22.589min (-0.009) 0.23 ng/u1 m

response 9320

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 34.75  |
| 125.00 | 8.90   | 14.76  |
| 0.00   | 0.00   | 0.00   |

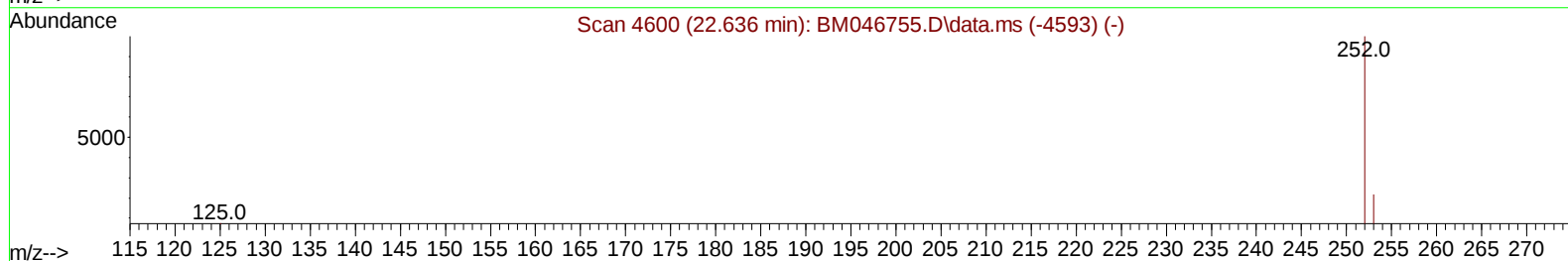
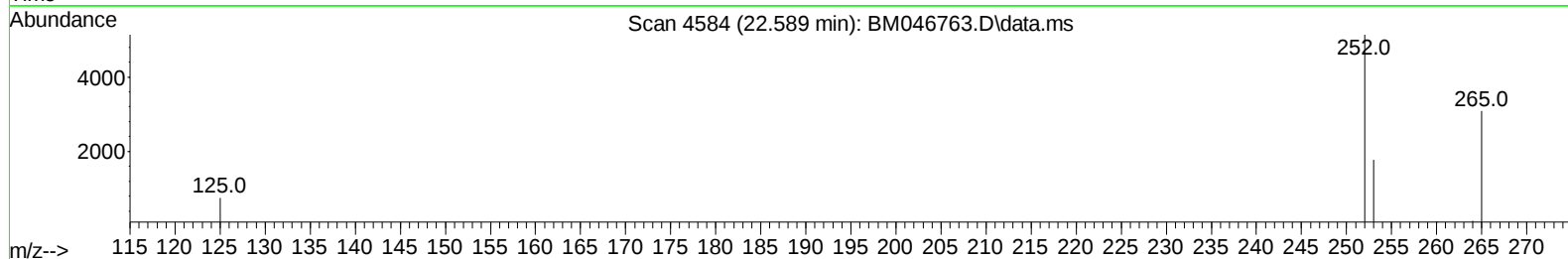
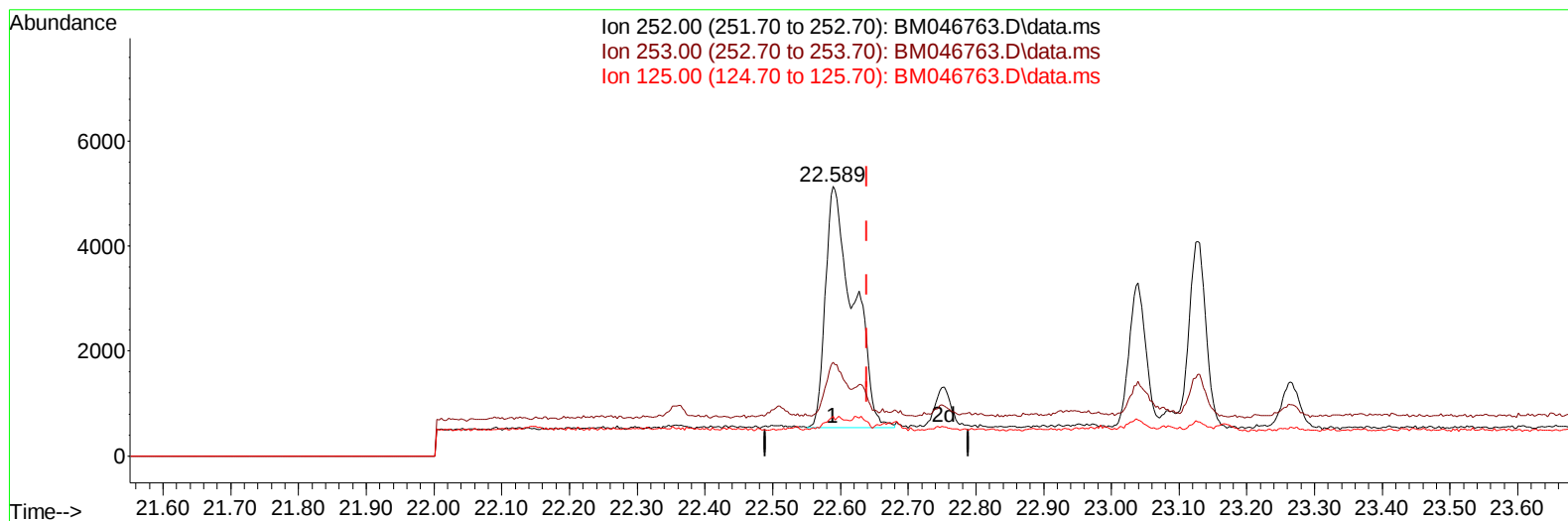
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
Data File : BM046763.D  
Acq On : 23 Jul 2024 00:43  
Operator : MA/JU  
Sample : P3201-04DL 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BZ2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:33:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 19 11:38:04 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046763.D\data.ms

(25) Benzo(k)fluoranthene

22.589min (-0.050) 0.32 ng/u1

response 13127

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 34.75# |
| 125.00 | 8.70   | 14.76# |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
 Data File : BM046763.D  
 Acq On : 23 Jul 2024 00:43  
 Operator : MA/JU  
 Sample : P3201-04DL 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BZ2DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024  
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 23 01:33:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 19 11:38:04 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.480  | 152 |     | 4616     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.238 | 136 |     | 8855     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.127 | 164 |     | 5594     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.879 | 188 |     | 11701    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.087 | 240 |     | 9359     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.221 | 264 |     | 10307    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.105  | 96  |     | 2103     | 0.554 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.838 | 152 |     | 693      | 0.049 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.918 | 212 |     | 1419     | 0.050 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 10) Acenaphthylene          | 13.840 | 152 |     | 705      | 0.028 | ng/ul# | 78       |
| 11) Acenaphthene            | 14.187 | 153 |     | 366      | 0.021 | ng/ul# | 90       |
| 12) Fluorene                | 15.182 | 166 |     | 479      | 0.023 | ng/ul# | 90       |
| 15) Phenanthrene            | 16.922 | 178 |     | 7867     | 0.236 | ng/ul  | 100      |
| 16) Anthracene              | 17.010 | 178 |     | 1744     | 0.054 | ng/ul# | 91       |
| 19) Fluoranthene            | 18.951 | 202 |     | 14707    | 0.383 | ng/ul  | 99       |
| 20) Pyrene                  | 19.313 | 202 |     | 13418    | 0.322 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.070 | 228 |     | 6305     | 0.152 | ng/ul  | 94       |
| 22) Chrysene                | 21.122 | 228 |     | 7087     | 0.177 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 22.589 | 252 |     | 9320m    | 0.226 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.627 | 252 |     | 3879m    | 0.096 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.127 | 252 |     | 6268     | 0.185 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.329 | 276 |     | 5140     | 0.100 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.336 | 278 |     | 1308     | 0.032 | ng/ul# | 11       |
| 29) Benzo(g,h,i)perylene    | 25.970 | 276 |     | 5234     | 0.127 | ng/ul# | 91       |
| -----                       |        |     |     |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
Data File : BM046763.D  
Acq On : 23 Jul 2024 00:43  
Operator : MA/JU  
Sample : P3201-04DL 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BZ2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:33:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 19 11:38:04 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024

