

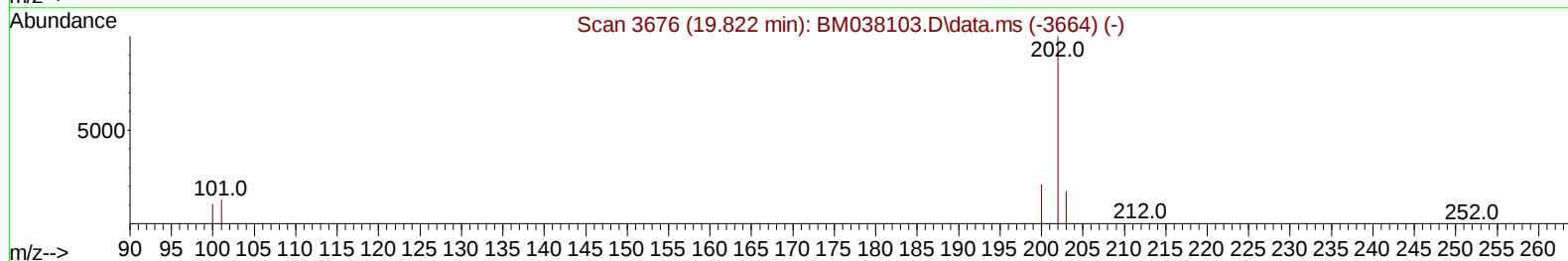
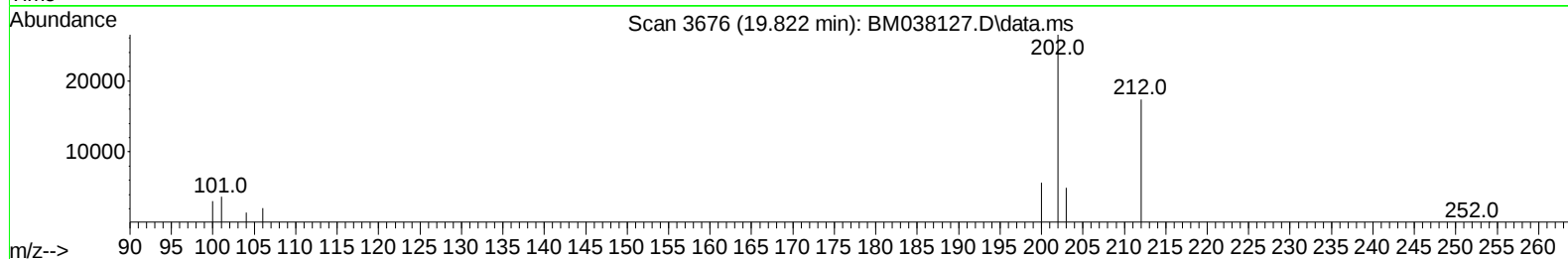
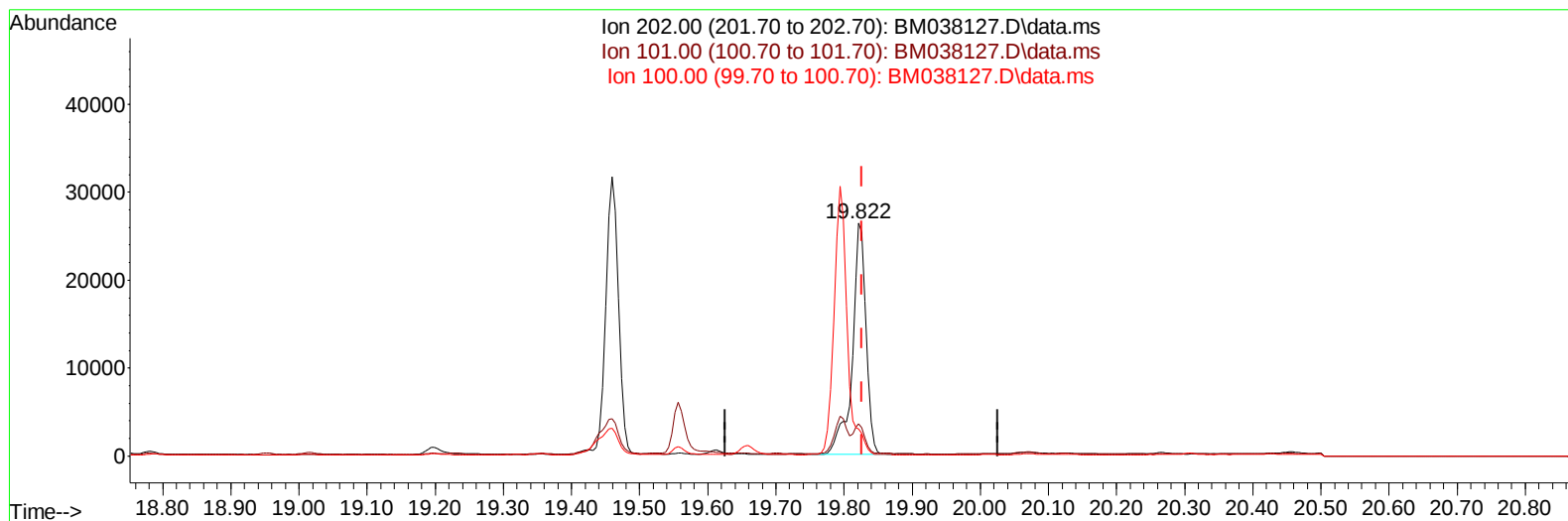
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
Data File : BM038127.D  
Acq On : 20 Dec 2022 06:40  
Operator : CG/JU  
Sample : N6006-15  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBYA1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 07:10:25 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 17 05:21:07 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022



TIC: BM038127.D\data.ms

(20) Pyrene

19.822min (-0.005) 0.42 ng/u1

response 37935

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10  | 13.88  |
| 100.00 | 12.20  | 11.55  |
| 0.00   | 0.00   | 0.00   |

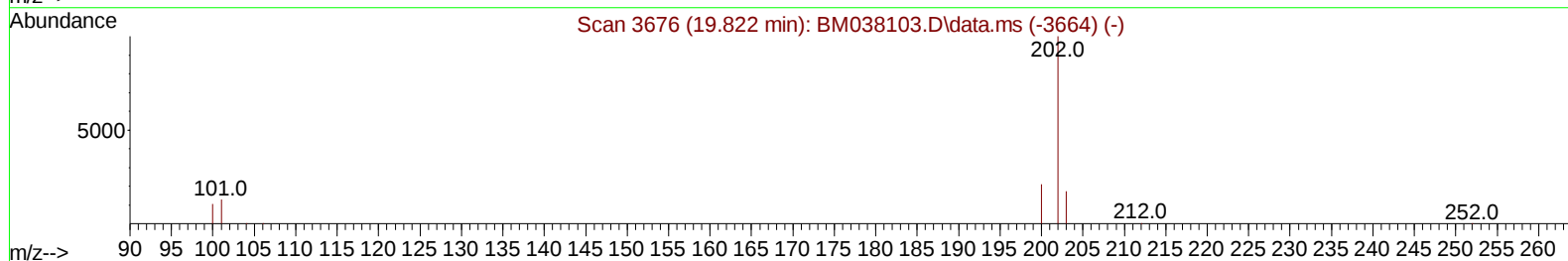
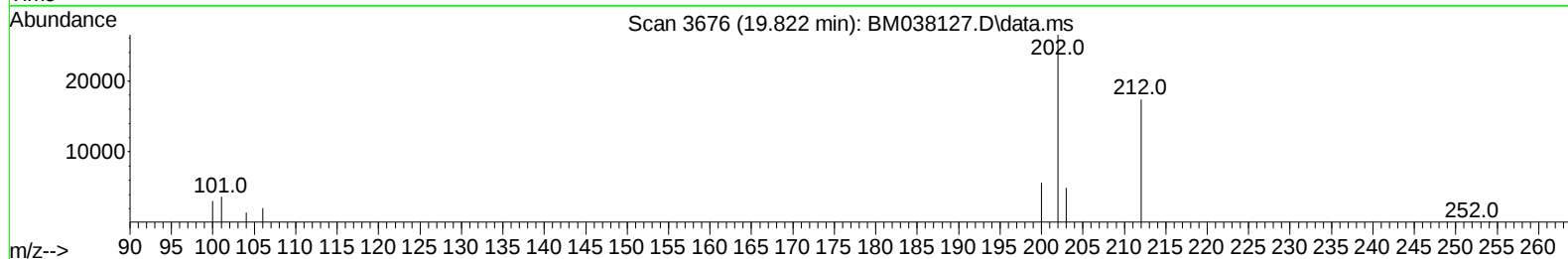
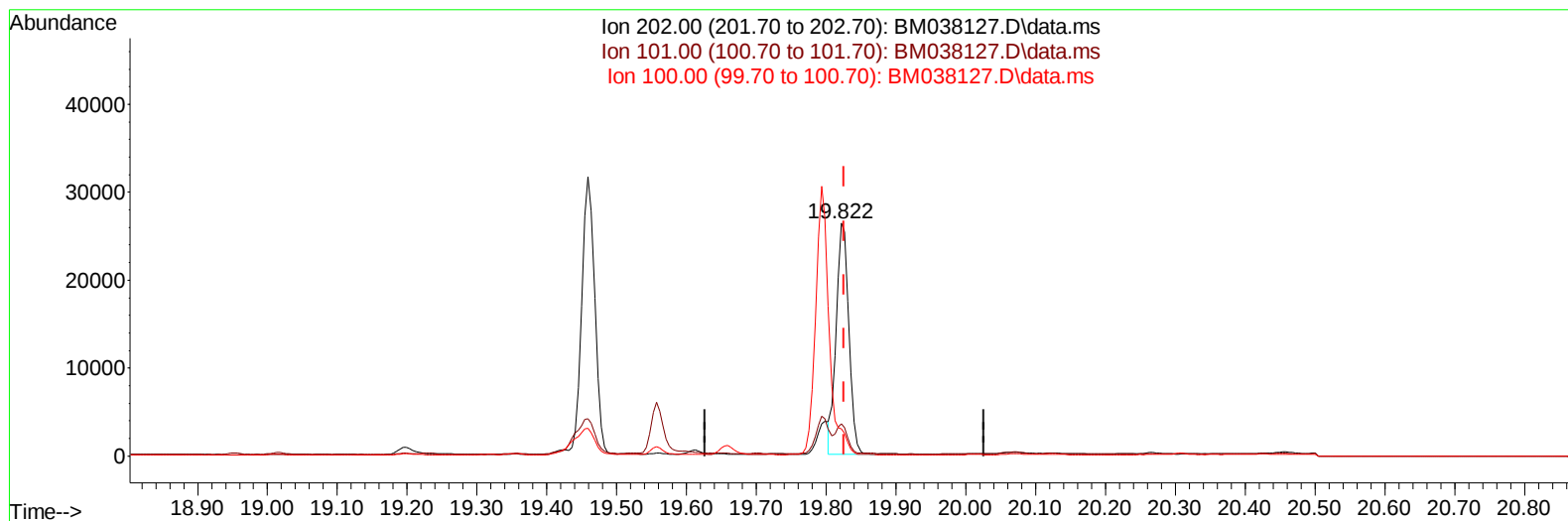
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
Data File : BM038127.D  
Acq On : 20 Dec 2022 06:40  
Operator : CG/JU  
Sample : N6006-15  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM038127.D\data.ms

(20) Pyrene

19.822min (-0.005) 0.38 ng/ul m

response 33638

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10  | 13.88  |
| 100.00 | 12.20  | 11.55  |
| 0.00   | 0.00   | 0.00   |

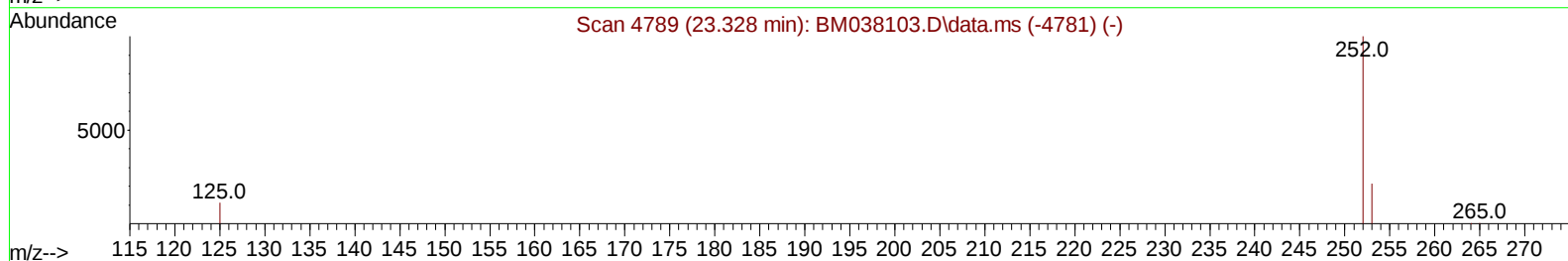
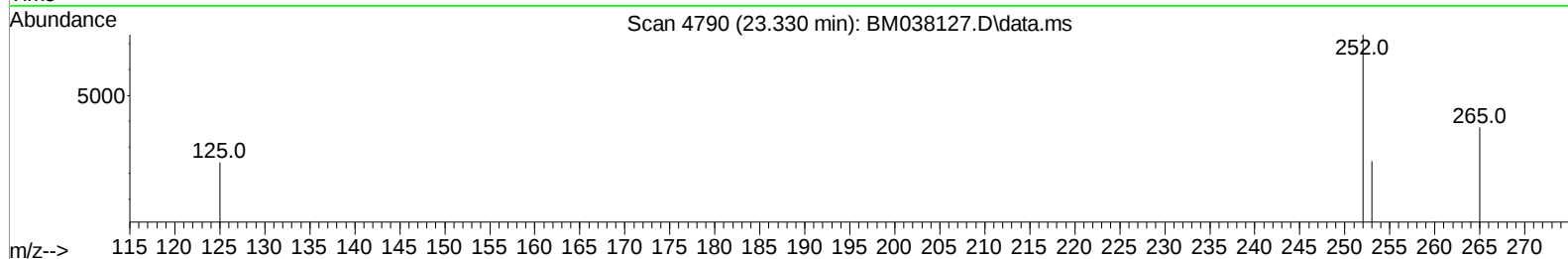
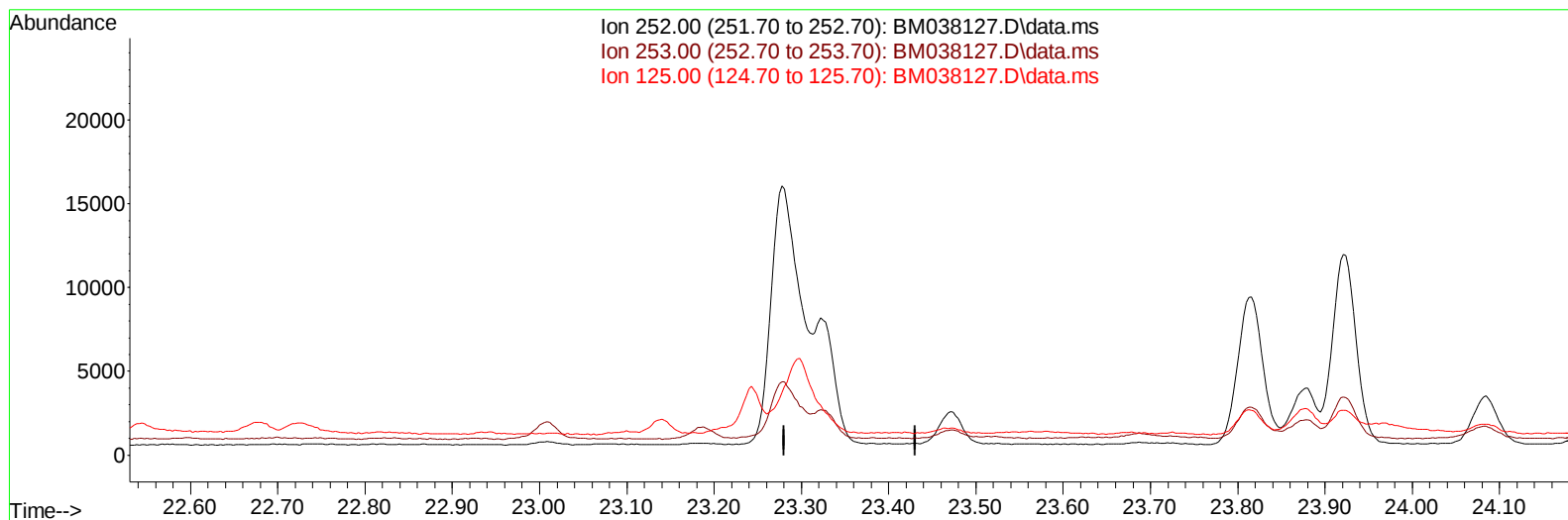
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
 Data File : BM038127.D  
 Acq On : 20 Dec 2022 06:40  
 Operator : CG/JU  
 Sample : N6006-15  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYA1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 07:10:25 2022  
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TIC: BM038127.D\data.ms

(25) Benzo(k)fluoranthene

23.330min (-23.330) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.00  | 0.00# |
| 125.00 | 21.40  | 0.00# |
| 0.00   | 0.00   | 0.00  |

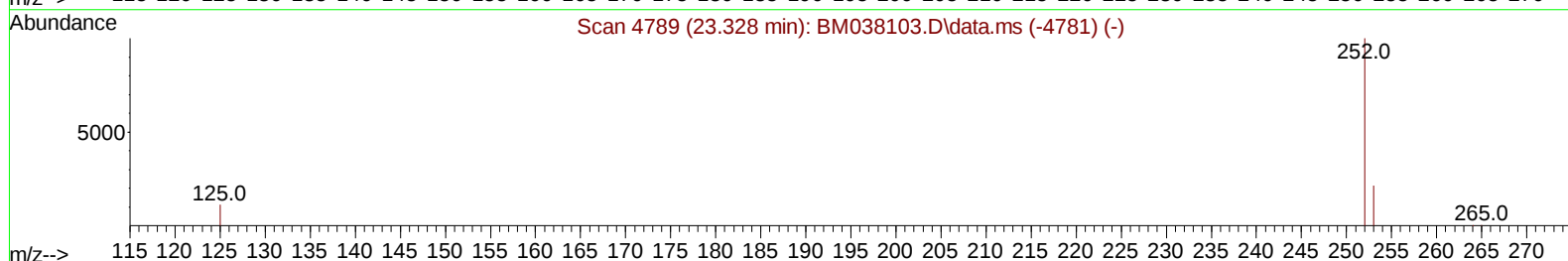
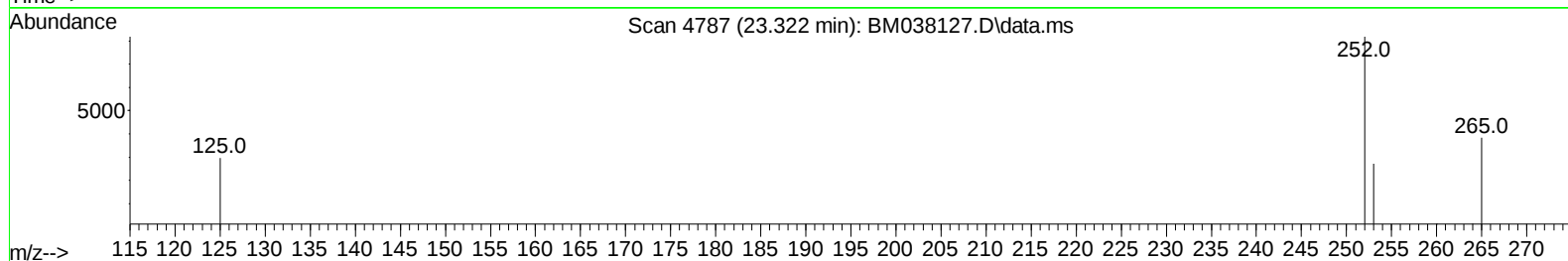
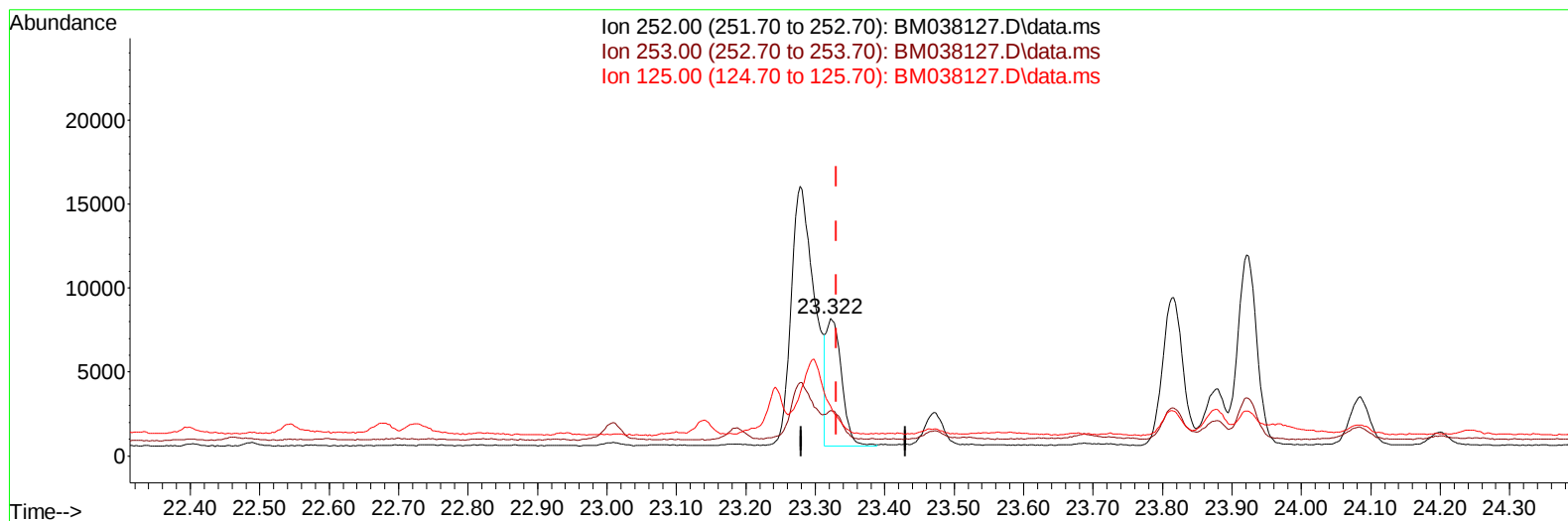
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Sample : N6006-15  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBYA1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 07:10:25 2022  
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TIC: BM038127.D\data.ms

(25) Benzo(k)fluoranthene

23.322min (-0.009) 0.16 ng/u1 m

response 11567

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 33.00# |
| 125.00 | 21.40  | 36.18# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
 Data File : BM038127.D  
 Acq On : 20 Dec 2022 06:40  
 Operator : CG/JU  
 Sample : N6006-15  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYA1

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022  
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 07:10:25 2022  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.051  | 152 |     | 6005     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.862 | 136 |     | 19043    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.675 | 164 |     | 10850    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.413 | 188 |     | 22729    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.580 | 240 |     | 16949    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.032 | 264 |     | 15947    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.402  | 96  |     | 29411    | 3.583 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.440 | 152 |     | 10288    | 0.370 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.431 | 212 |     | 26153    | 0.426 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 5) Naphthalene              | 10.911 | 128 |     | 1514     | 0.026 | ng/ul# | 84       |
| 14) Pentachlorophenol       | 17.063 | 266 |     | 268      | 0.028 | ng/ul  | 93       |
| 15) Phenanthrene            | 17.455 | 178 |     | 11912    | 0.156 | ng/ul  | 98       |
| 16) Anthracene              | 17.544 | 178 |     | 2194     | 0.031 | ng/ul# | 80       |
| 19) Fluoranthene            | 19.459 | 202 |     | 41251    | 0.471 | ng/ul  | 100      |
| 20) Pyrene                  | 19.822 | 202 |     | 33638m   | 0.376 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.562 | 228 |     | 19672    | 0.269 | ng/ul  | 97       |
| 22) Chrysene                | 21.618 | 228 |     | 23954    | 0.324 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.278 | 252 |     | 35906    | 0.475 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.322 | 252 |     | 11567m   | 0.158 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.921 | 252 |     | 21560    | 0.339 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.589 | 276 |     | 17295    | 0.216 | ng/ul# | 84       |
| 28) Dibenzo(a,h)anthracene  | 26.595 | 278 |     | 4257     | 0.068 | ng/ul# | 58       |
| 29) Benzo(g,h,i)perylene    | 27.380 | 276 |     | 16606    | 0.245 | ng/ul  | 98       |
| -----                       |        |     |     |          |       |        |          |

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

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