

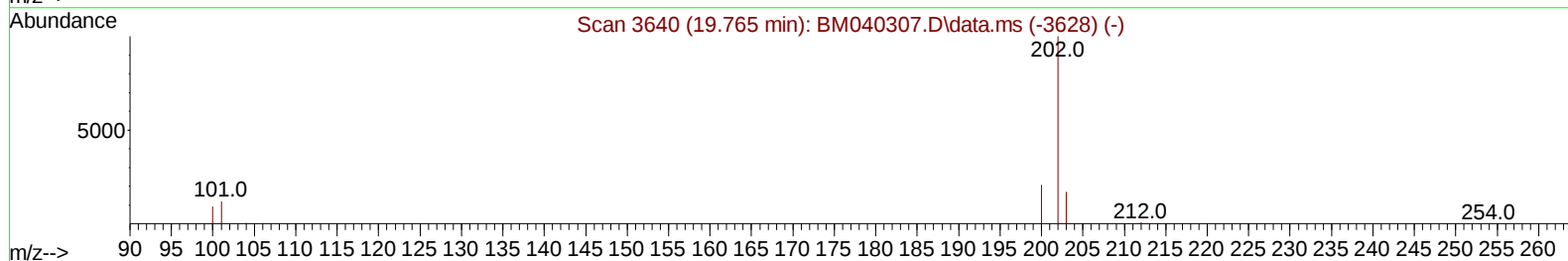
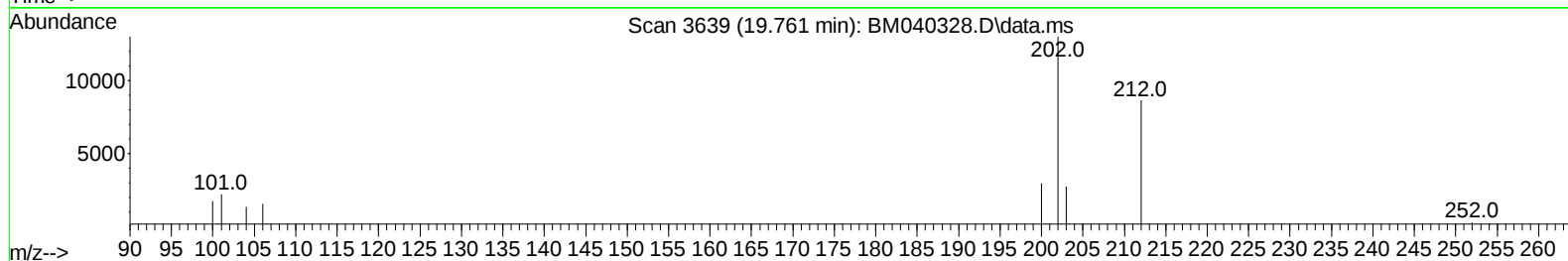
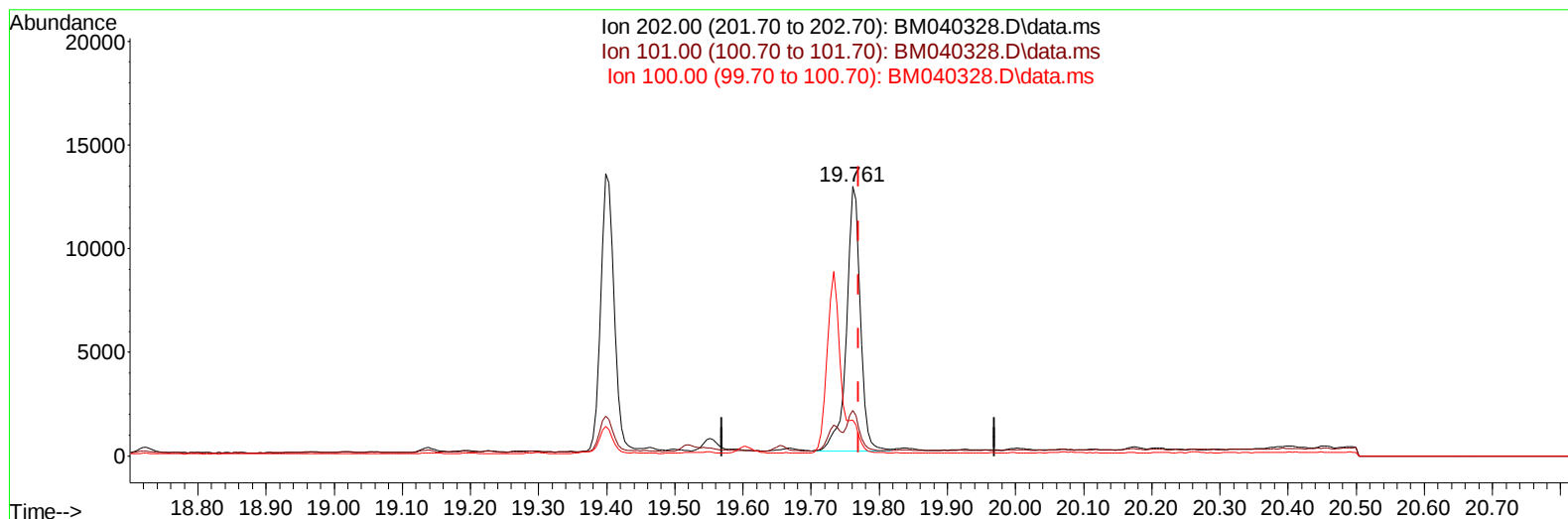
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
 Data File : BM040328.D  
 Acq On : 20 Jun 2023 00:11  
 Operator : MA/JU  
 Sample : 03080-20DL 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFQ5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 20 00:53:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:31:16 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/21/2023  
 Supervised By :mohammad ahmed 06/21/2023



TIC: BM040328.D\data.ms

(20) Pyrene

19.761min (-0.009) 0.21 ng/u1

response 18470

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.80  | 16.96  |
| 100.00 | 11.60  | 13.25  |
| 0.00   | 0.00   | 0.00   |

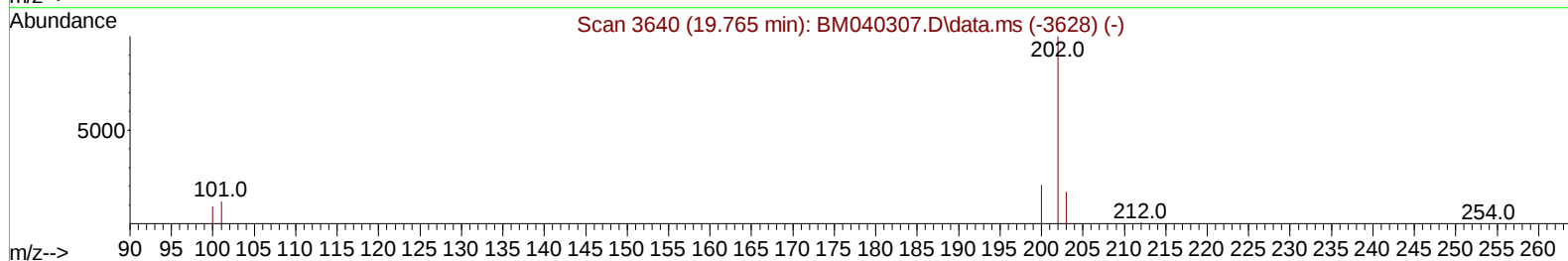
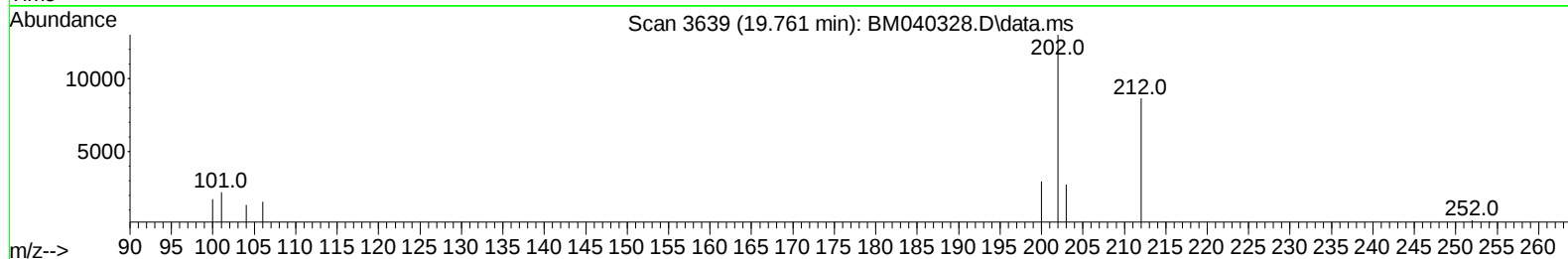
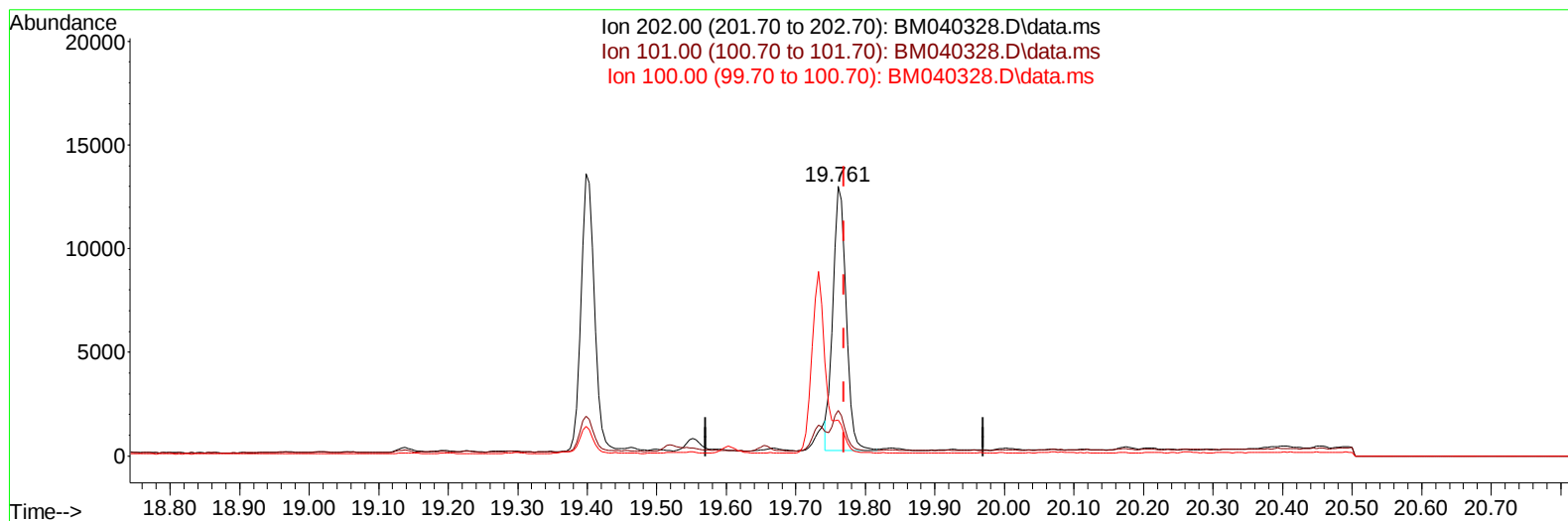
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
 Data File : BM040328.D  
 Acq On : 20 Jun 2023 00:11  
 Operator : MA/JU  
 Sample : 03080-20DL 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFQ5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 20 00:53:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:31:16 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/21/2023  
 Supervised By :mohammad ahmed 06/21/2023



TIC: BM040328.D\data.ms

(20) Pyrene

19.761min (-0.009) 0.20 ng/ul m

response 17059

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.80  | 16.96  |
| 100.00 | 11.60  | 13.25  |
| 0.00   | 0.00   | 0.00   |

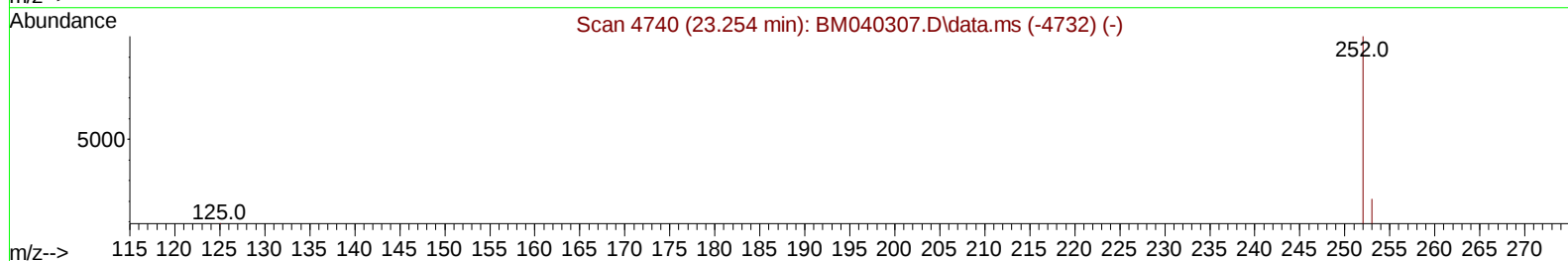
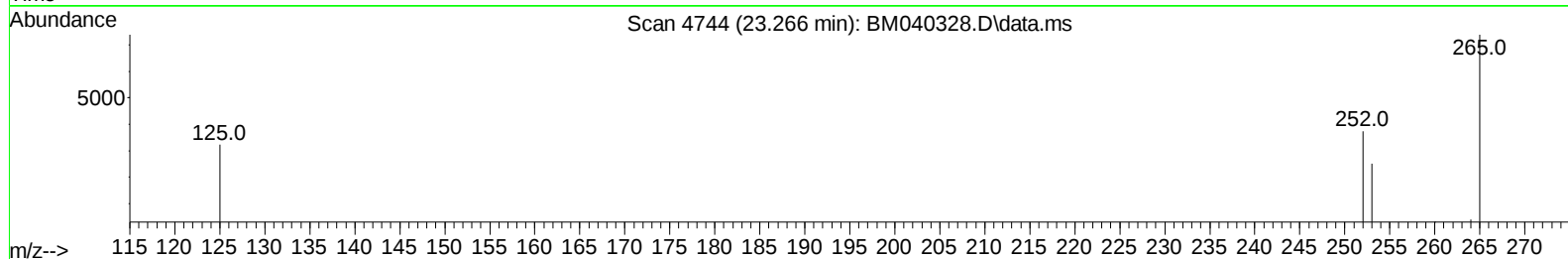
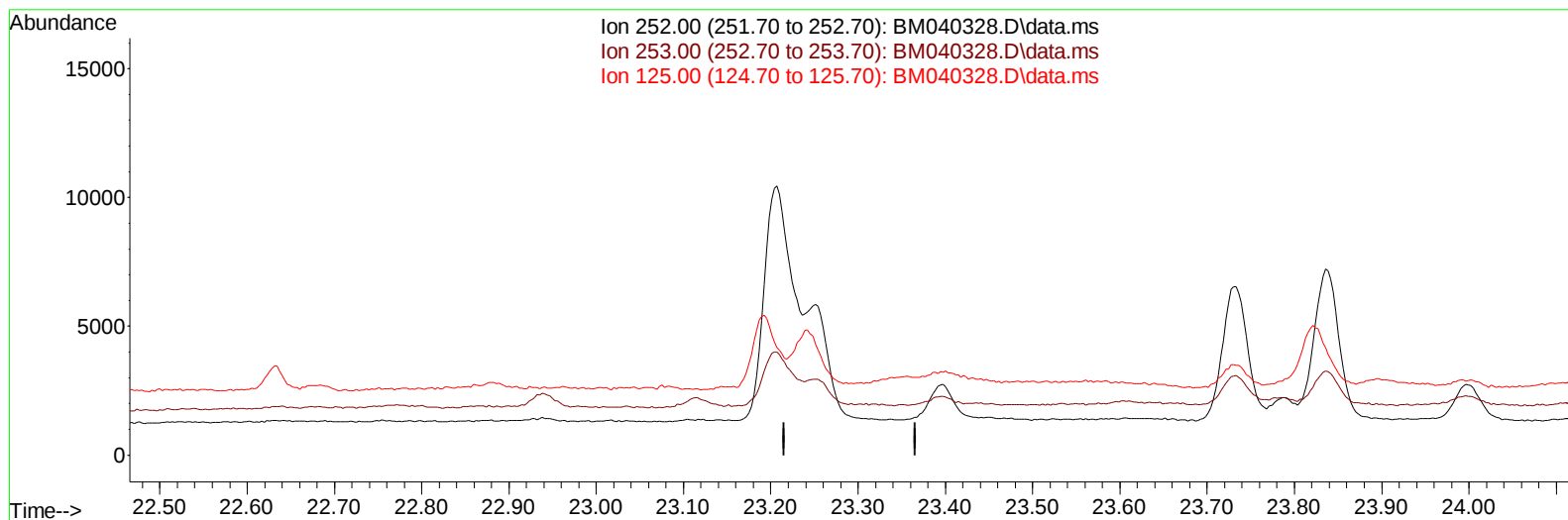
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
Data File : BM040328.D  
Acq On : 20 Jun 2023 00:11  
Operator : MA/JU  
Sample : 03080-20DL 5X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCFQ5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 20 00:53:14 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 00:31:16 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023



TIC: BM040328.D\data.ms

(25) Benzo(k)fluoranthene

23.266min (-23.266) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.90  | 0.00# |
| 125.00 | 18.40  | 0.00# |
| 0.00   | 0.00   | 0.00  |

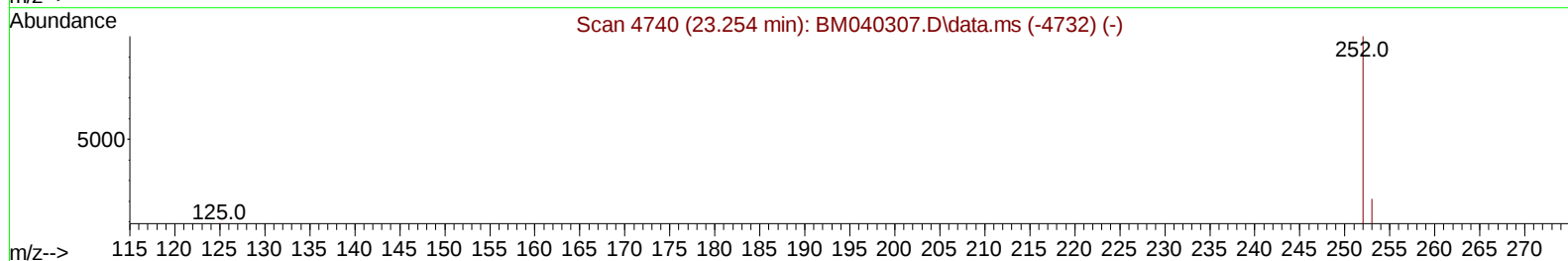
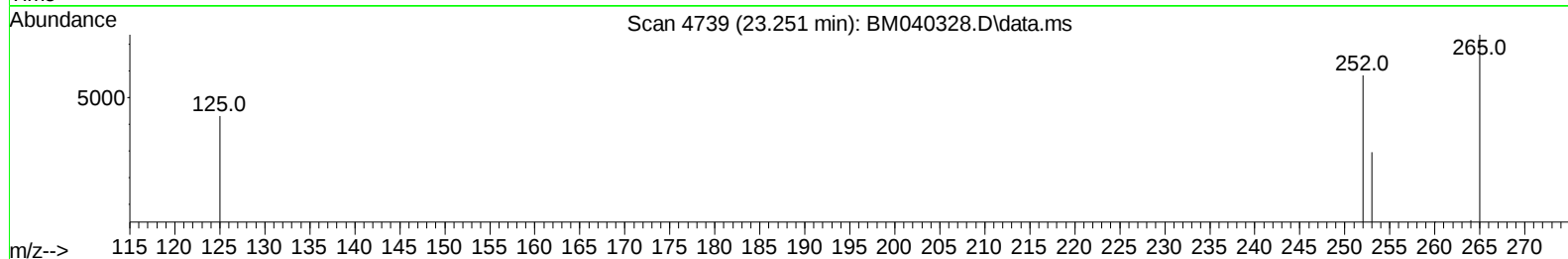
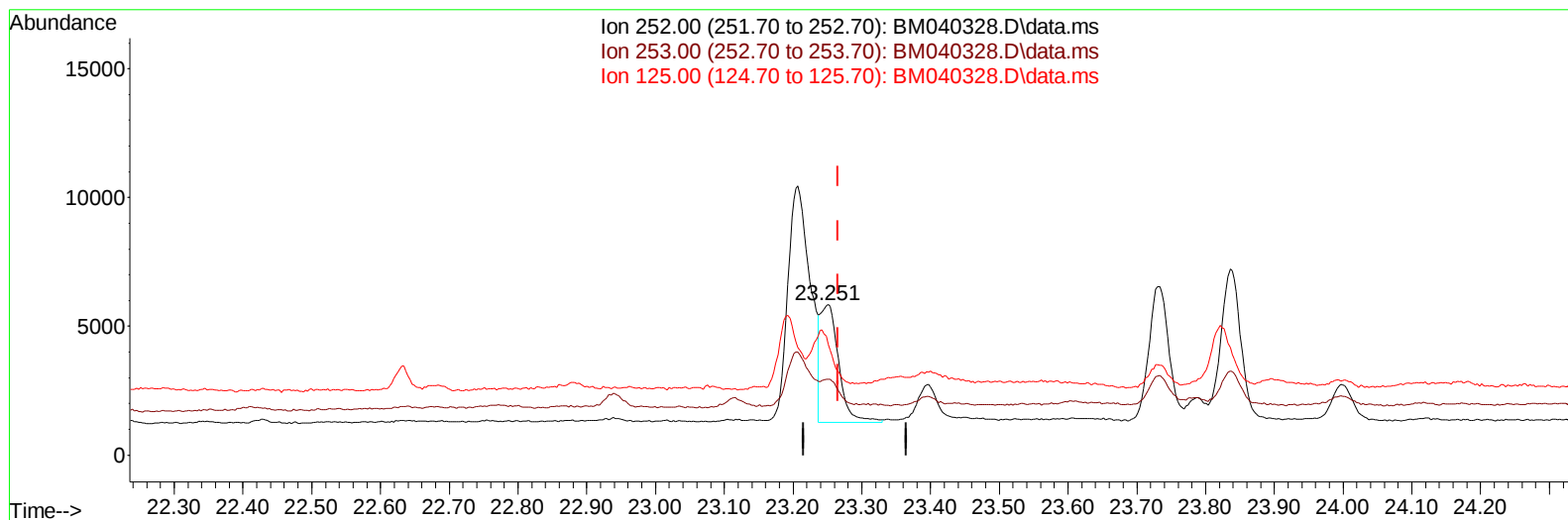
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
Data File : BM040328.D  
Acq On : 20 Jun 2023 00:11  
Operator : MA/JU  
Sample : 03080-20DL 5X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCFQ5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 20 00:53:14 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 00:31:16 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023



TIC: BM040328.D\data.ms

(25) Benzo(k)fluoranthene

23.251min (-0.015) 0.10 ng/u1 m

response 8417

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.90  | 50.58# |
| 125.00 | 18.40  | 73.67# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
 Data File : BM040328.D  
 Acq On : 20 Jun 2023 00:11  
 Operator : MA/JU  
 Sample : 03080-20DL 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFQ5DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/21/2023  
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 00:53:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:31:16 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.966  | 152  | 7499     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.773 | 136  | 28942    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.605 | 164  | 16008    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.345 | 188  | 31370    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.524 | 240  | 24376    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.944 | 264  | 24769    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.342  | 96   | 11209    | 1.210 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.362 | 152  | 3056     | 0.083 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.370 | 212  | 5958     | 0.098 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.828 | 128  | 2747     | 0.040 | ng/ul# | 84       |
| 7) 2-Methylnaphthalene      | 12.433 | 142  | 1028     | 0.024 | ng/ul  | 95       |
| 10) Acenaphthylene          | 14.323 | 152  | 2976     | 0.053 | ng/ul# | 85       |
| 15) Phenanthrene            | 17.387 | 178  | 7245     | 0.088 | ng/ul  | 94       |
| 16) Anthracene              | 17.480 | 178  | 2109     | 0.030 | ng/ul# | 78       |
| 19) Fluoranthene            | 19.398 | 202  | 18296    | 0.220 | ng/ul  | 97       |
| 20) Pyrene                  | 19.761 | 202  | 17059m   | 0.198 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.506 | 228  | 10371    | 0.144 | ng/ul# | 87       |
| 22) Chrysene                | 21.559 | 228  | 14540    | 0.191 | ng/ul# | 89       |
| 24) Benzo(b)fluoranthene    | 23.207 | 252  | 20613    | 0.226 | ng/ul# | 67       |
| 25) Benzo(k)fluoranthene    | 23.251 | 252  | 8417m    | 0.098 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.836 | 252  | 11751    | 0.157 | ng/ul# | 53       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.457 | 276  | 10002    | 0.105 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 26.471 | 278  | 3018     | 0.040 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.232 | 276  | 10124    | 0.128 | ng/ul# | 74       |
| -----                       |        |      |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
Data File : BM040328.D  
Acq On : 20 Jun 2023 00:11  
Operator : MA/JU  
Sample : 03080-20DL 5X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCFQ5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 20 00:53:14 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 00:31:16 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023

