

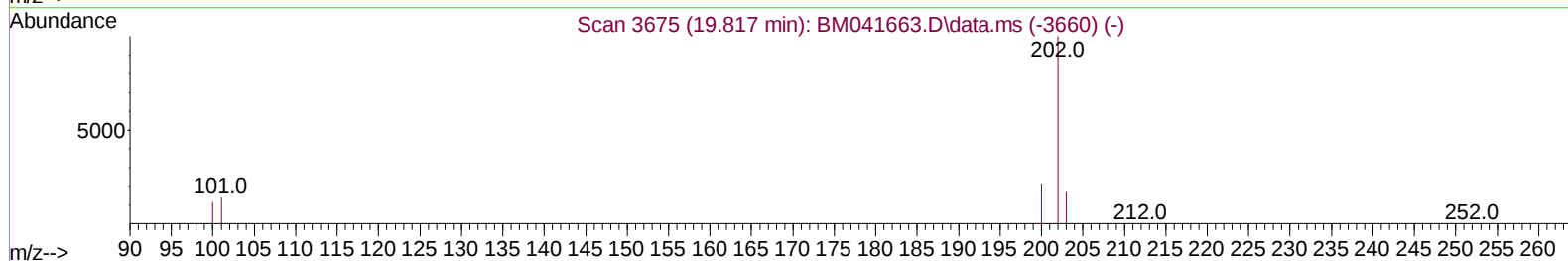
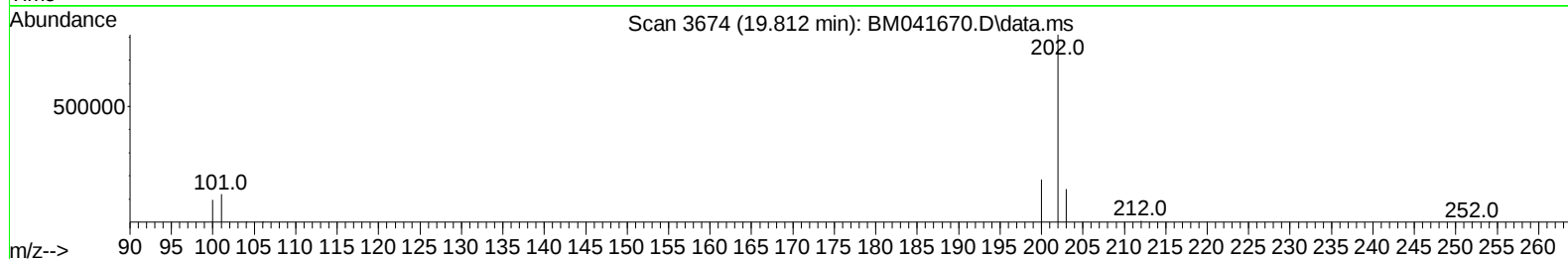
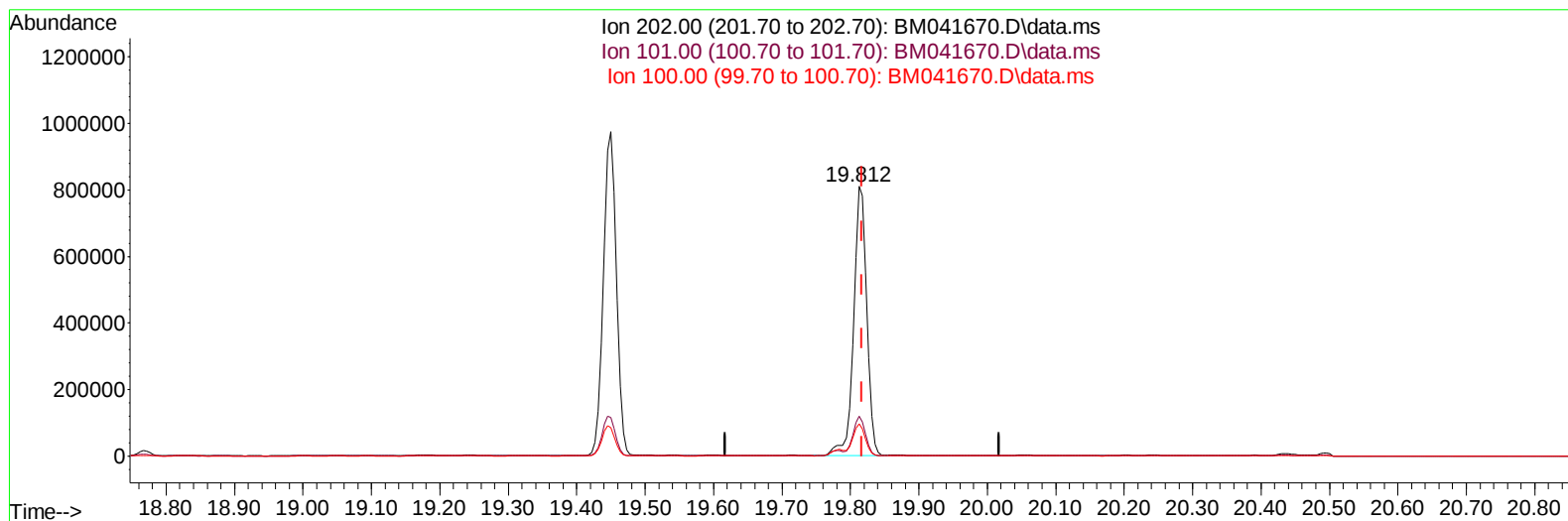
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090623\  
Data File : BM041670.D  
Acq On : 06 Sep 2023 22:18  
Operator : MA/JU  
Sample : 04113-10  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EZYH9

Manual IntegrationsAPPROVED

Quant Time: Sep 07 00:24:58 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 06 02:20:07 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :mohammad ahmed 09/28/2023



TIC: BM041670.D\data.ms

(20) Pyrene

19.812min (-0.005) 10.13 ng/u1

response 1079265

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.80  | 14.84  |
| 100.00 | 12.20  | 11.94  |
| 0.00   | 0.00   | 0.00   |

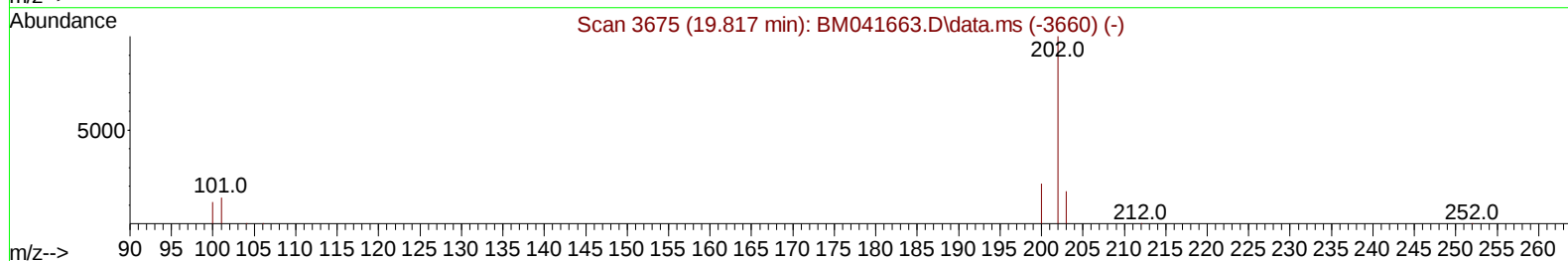
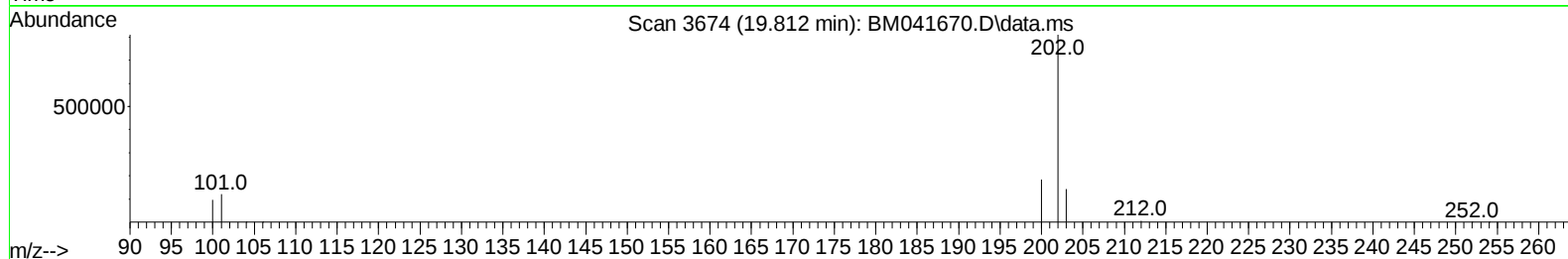
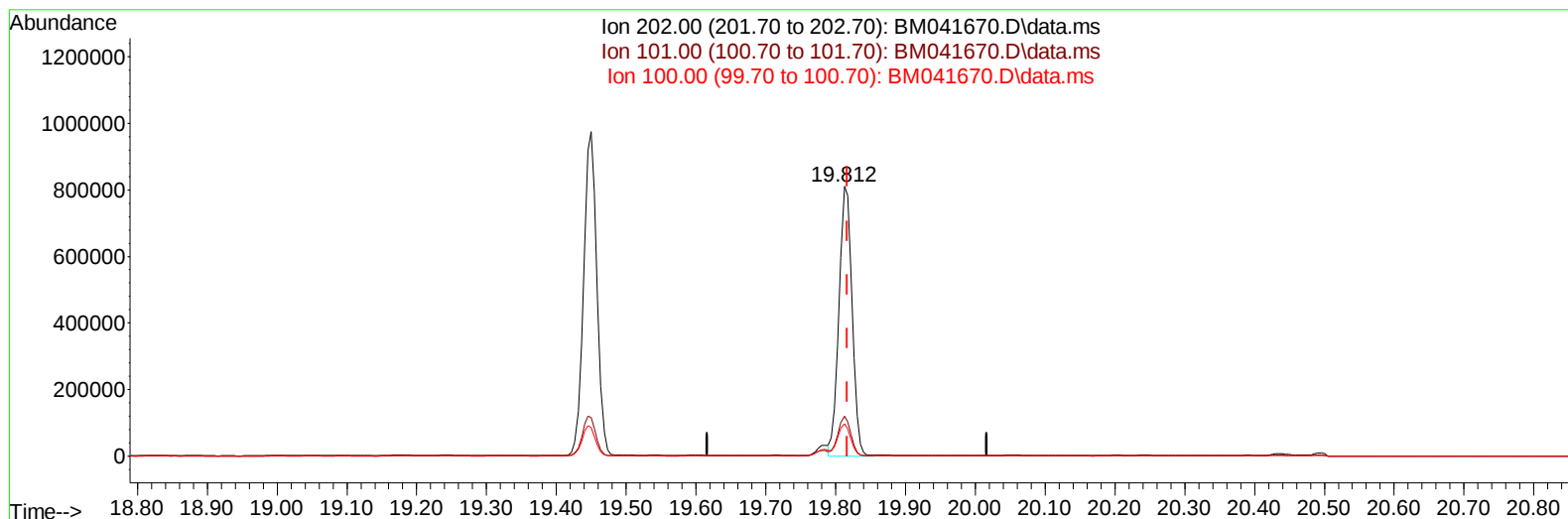
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090623\  
 Data File : BM041670.D  
 Acq On : 06 Sep 2023 22:18  
 Operator : MA/JU  
 Sample : 04113-10  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYH9

Manual IntegrationsAPPROVED

Quant Time: Sep 23 07:02:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 23 07:02:02 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/28/2023  
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM041670.D\data.ms

**(20) Pyrene**

**19.812min (-0.005) 9.80 ng/ul m**

**response 1043739**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.80  | 14.84  |
| 100.00 | 12.20  | 11.94  |
| 0.00   | 0.00   | 0.00   |

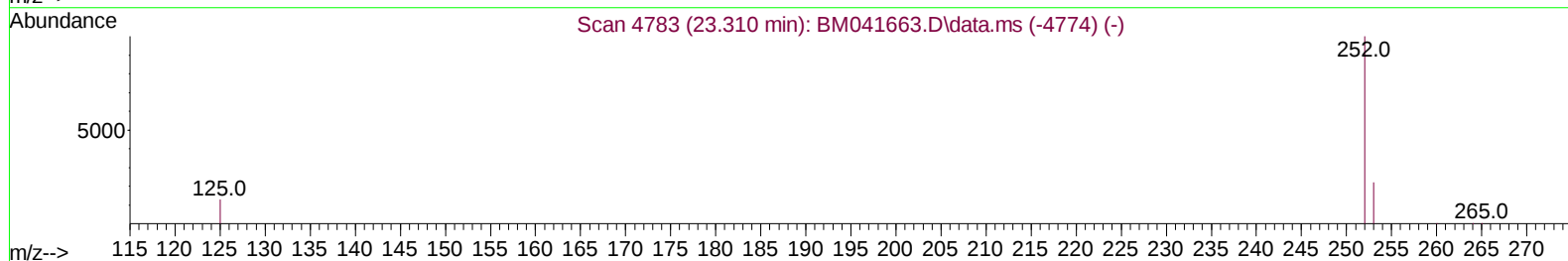
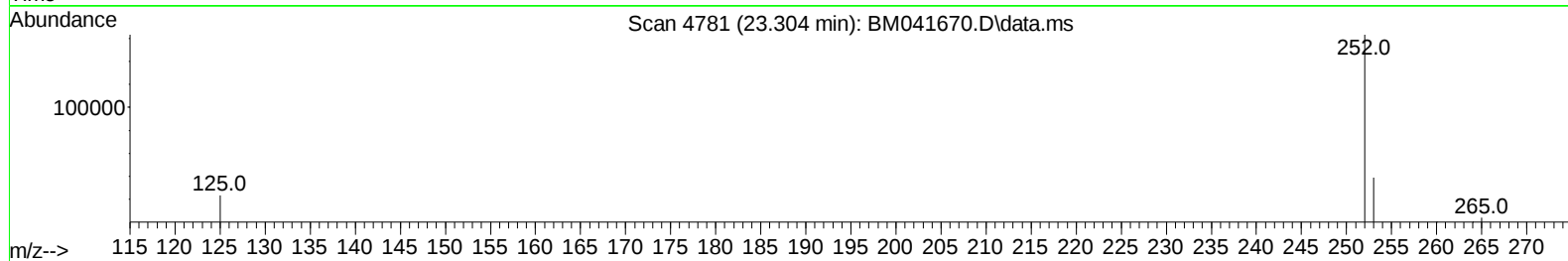
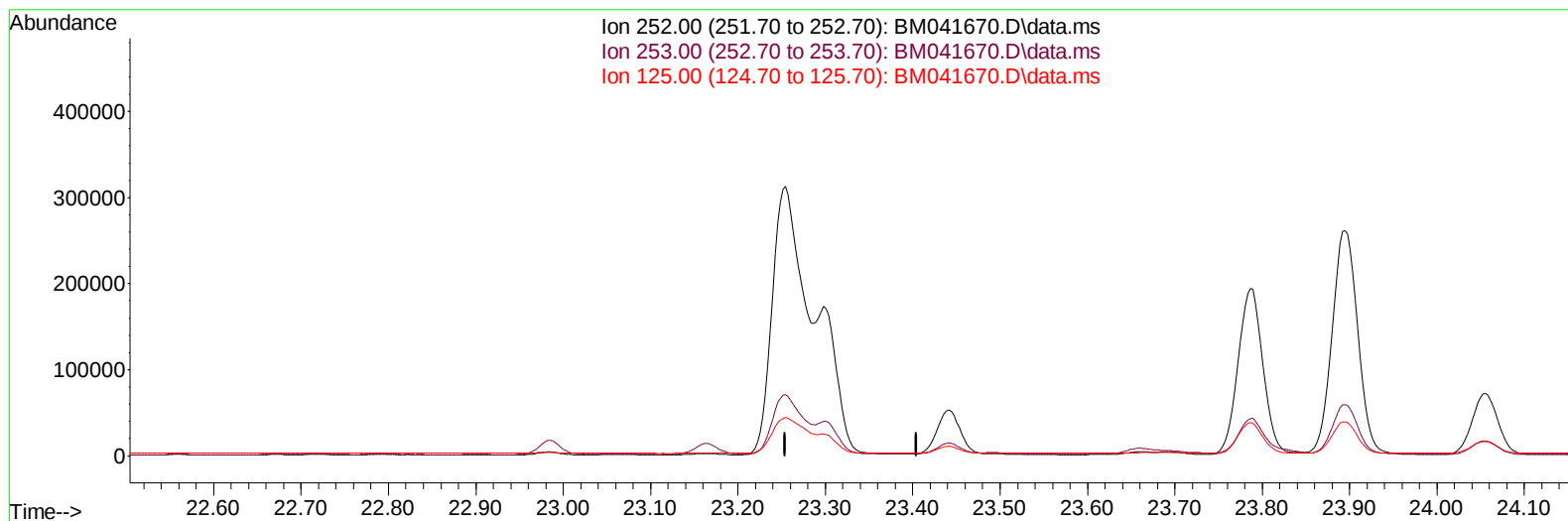
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090623\  
 Data File : BM041670.D  
 Acq On : 06 Sep 2023 22:18  
 Operator : MA/JU  
 Sample : 04113-10  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYH9

Manual IntegrationsAPPROVED

Quant Time: Sep 07 00:24:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 06 02:20:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/28/2023  
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM041670.D\data.ms

(25) Benzo(k)fluoranthene

23.304min (-23.304) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.60  | 0.00# |
| 125.00 | 21.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

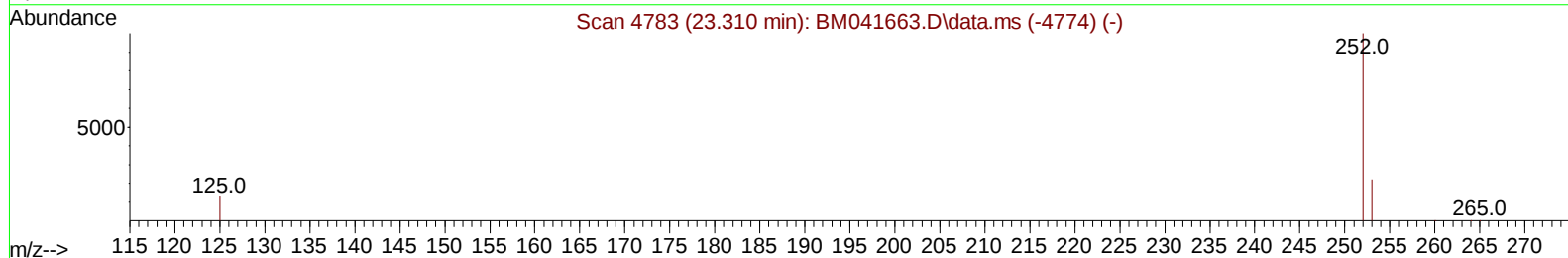
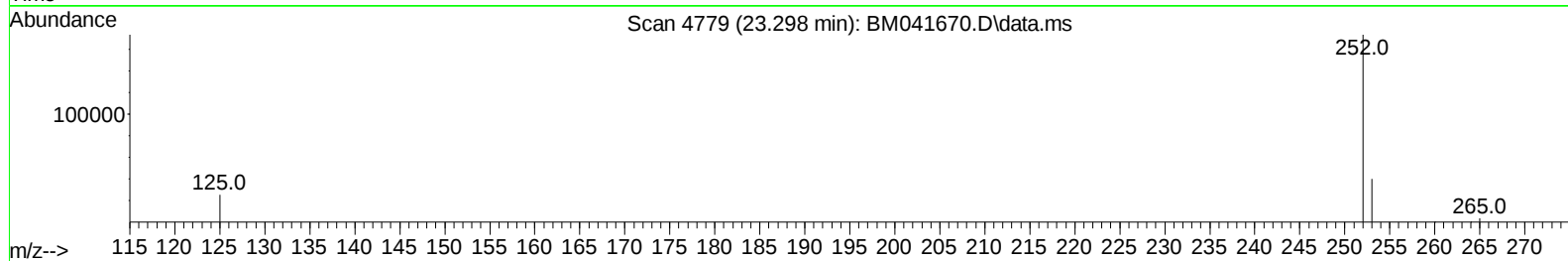
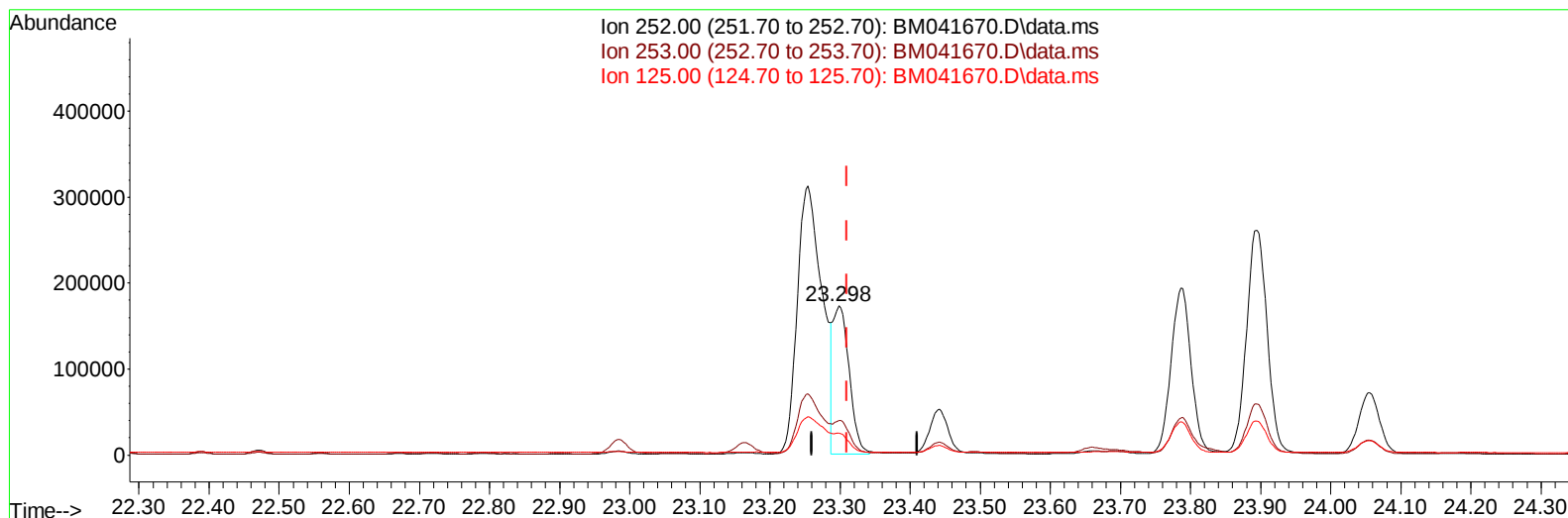
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090623\  
 Data File : BM041670.D  
 Acq On : 06 Sep 2023 22:18  
 Operator : MA/JU  
 Sample : 04113-10  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYH9

Manual IntegrationsAPPROVED

Quant Time: Sep 23 07:02:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 23 07:02:02 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/28/2023  
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM041670.D\data.ms

**(25) Benzo(k)fluoranthene**

23.298min (-0.012) 3.04 ng/u1 m

response 280016

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 23.30  |
| 125.00 | 21.70  | 14.80# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090623\  
 Data File : BM041670.D  
 Acq On : 06 Sep 2023 22:18  
 Operator : MA/JU  
 Sample : 04113-10  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYH9

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/28/2023  
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 23 07:02:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 23 07:02:02 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.009  | 152  | 6310     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.823 | 136  | 15469    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.647 | 164  | 7953     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.396 | 188  | 15829    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.568 | 240  | 9087     | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.003 | 264  | 10512    | 0.400  | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.410  | 96   | 27795    | 2.882  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.401 | 152  | 3852     | 0.193  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.417 | 212  | 6735     | 0.153  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane              | 3.448  | 88   | 1454     | 0.145  | ng/ul# | 69       |
| 5) Naphthalene              | 10.872 | 128  | 12565    | 0.247  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.478 | 142  | 8390     | 0.291  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.698 | 142  | 6511     | 0.225  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.374 | 152  | 6574     | 0.134  | ng/ul# | 93       |
| 11) Acenaphthene            | 14.708 | 153  | 10553    | 0.276  | ng/ul  | 98       |
| 12) Fluorene                | 15.693 | 166  | 19716    | 0.460  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.438 | 178  | 677946   | 10.143 | ng/ul  | 99       |
| 16) Anthracene              | 17.531 | 178  | 139592   | 2.437  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.450 | 202  | 1289640  | 12.024 | ng/ul  | 96       |
| 20) Pyrene                  | 19.812 | 202  | 1043739m | 9.798  | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.550 | 228  | 606011   | 8.177  | ng/ul  | 99       |
| 22) Chrysene                | 21.606 | 228  | 572641   | 7.162  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.254 | 252  | 762139   | 8.103  | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.298 | 252  | 280016m  | 3.041  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.895 | 252  | 534735   | 6.996  | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.525 | 276  | 393961   | 3.757  | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.538 | 278  | 94857    | 1.291  | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.316 | 276  | 380446   | 4.095  | ng/ul  | 95       |
| -----                       |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090623\  
Data File : BM041670.D  
Acq On : 06 Sep 2023 22:18  
Operator : MA/JU  
Sample : 04113-10  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EZYH9

## Manual IntegrationsAPPROVED

Quant Time: Sep 23 07:02:11 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 23 07:02:02 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :mohammad ahmed 09/28/2023

