

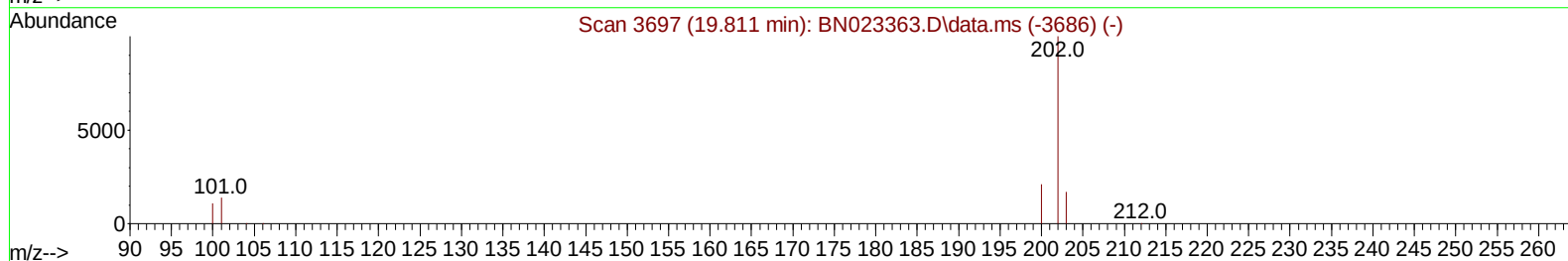
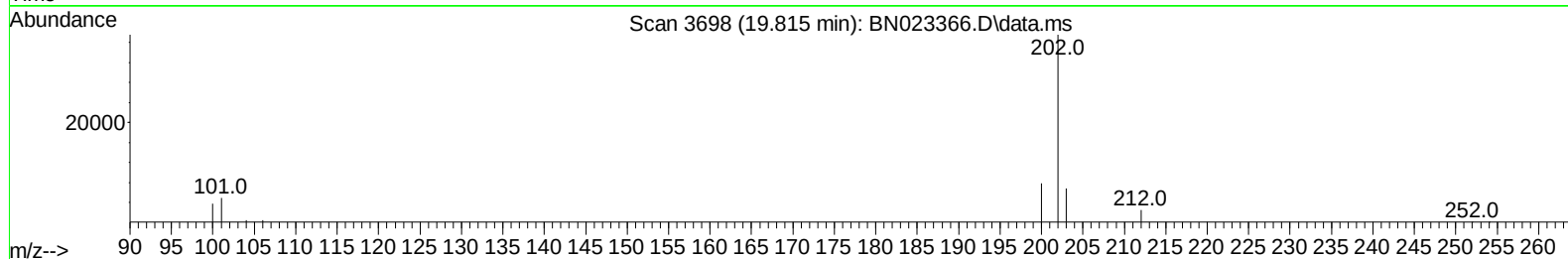
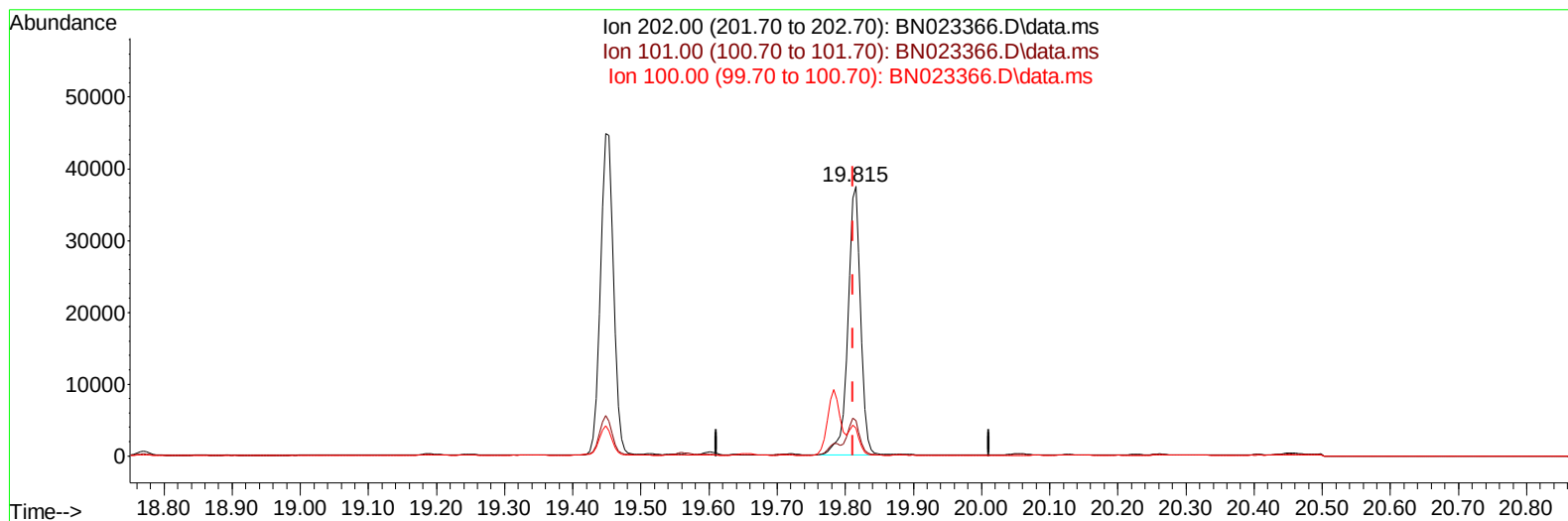
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023366.D  
Acq On : 23 Dec 2022 09:46  
Operator : CG/JU  
Sample : N6006-18DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ6DL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:25:02 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2022  
Supervised By :Jagrut Upadhyay 12/24/2022



TIC: BN023366.D\data.ms

(20) Pyrene

19.815min (+ 0.004) 0.48 ng/u1

response 49858

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.10  | 13.04  |
| 100.00 | 11.20  | 10.22  |
| 0.00   | 0.00   | 0.00   |

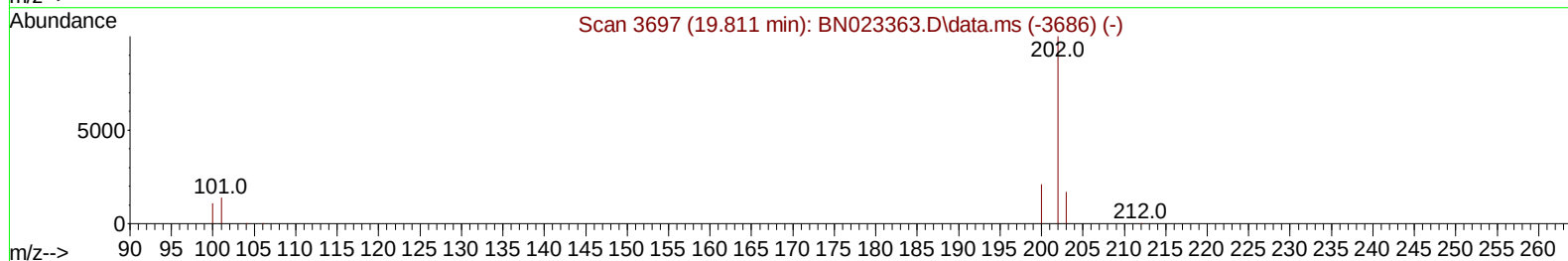
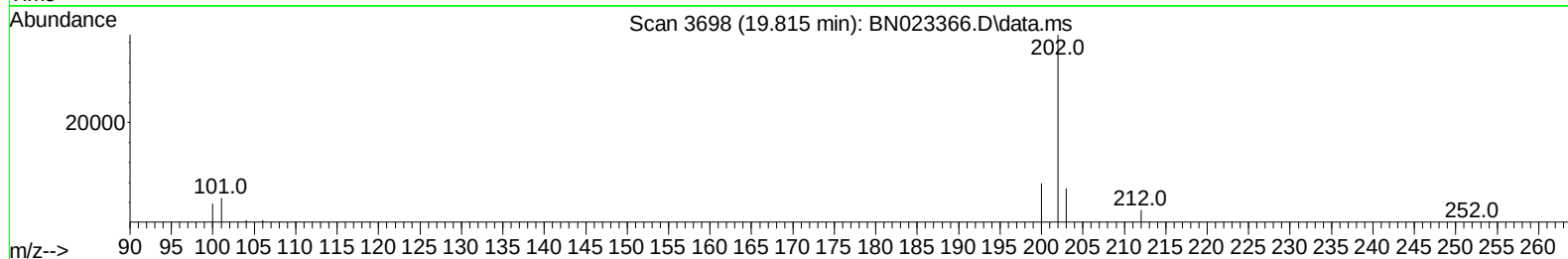
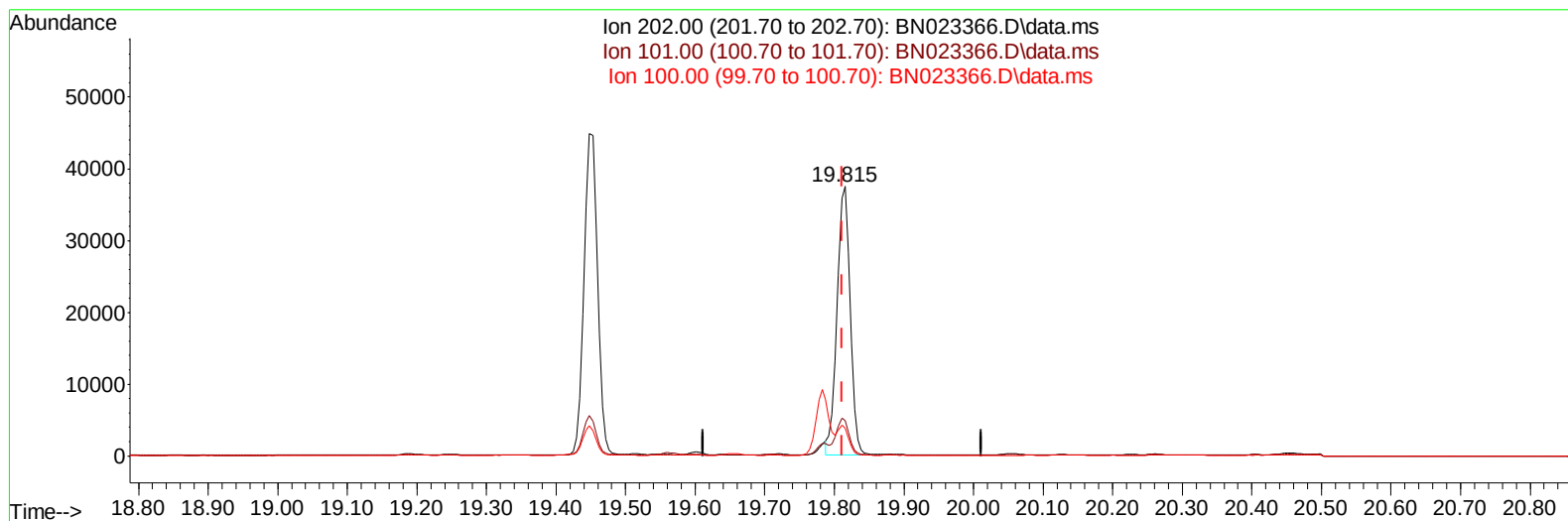
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023366.D  
Acq On : 23 Dec 2022 09:46  
Operator : CG/JU  
Sample : N6006-18DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ6DL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:25:02 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2022  
Supervised By :Jagrut Upadhyay 12/24/2022



TIC: BN023366.D\data.ms

(20) Pyrene

19.815min (+ 0.004) 0.46 ng/ul m

response 48272

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.10  | 13.04  |
| 100.00 | 11.20  | 10.22  |
| 0.00   | 0.00   | 0.00   |

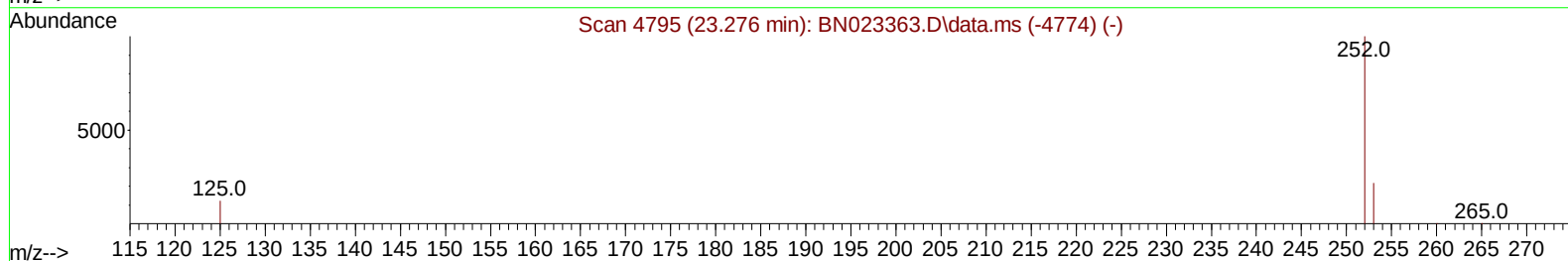
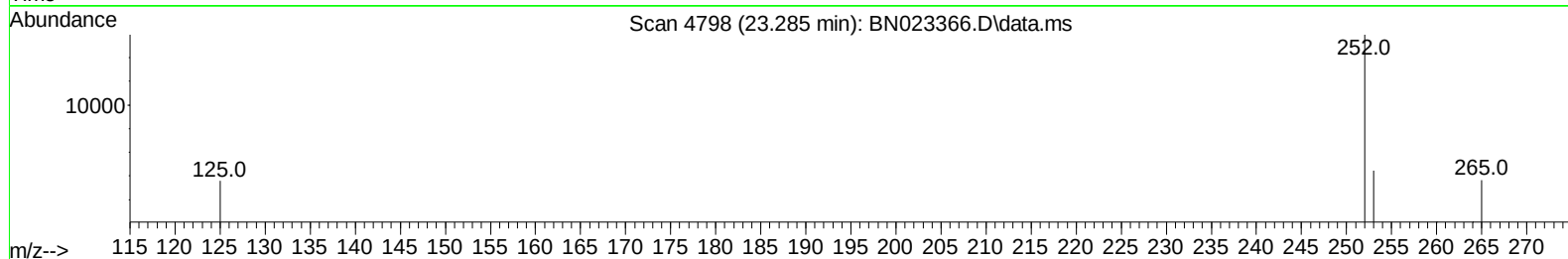
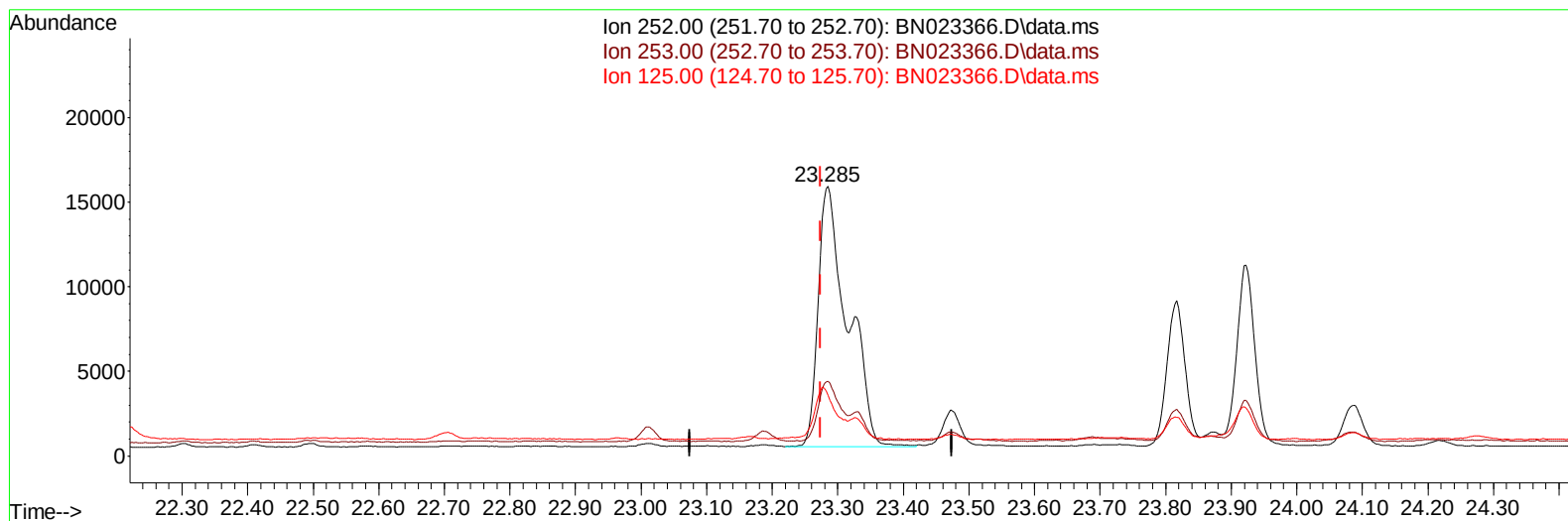
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023366.D  
Acq On : 23 Dec 2022 09:46  
Operator : CG/JU  
Sample : N0006-18DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ6DL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:25:02 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2022  
Supervised By :Jagrut Upadhyay 12/24/2022



TIC: BN023366.D\data.ms

(24) Benzo(b)fluoranthene

23.285min (+ 0.011) 0.55 ng/u1

response 48205

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.60  | 27.79  |
| 125.00 | 15.90  | 22.54  |
| 0.00   | 0.00   | 0.00   |

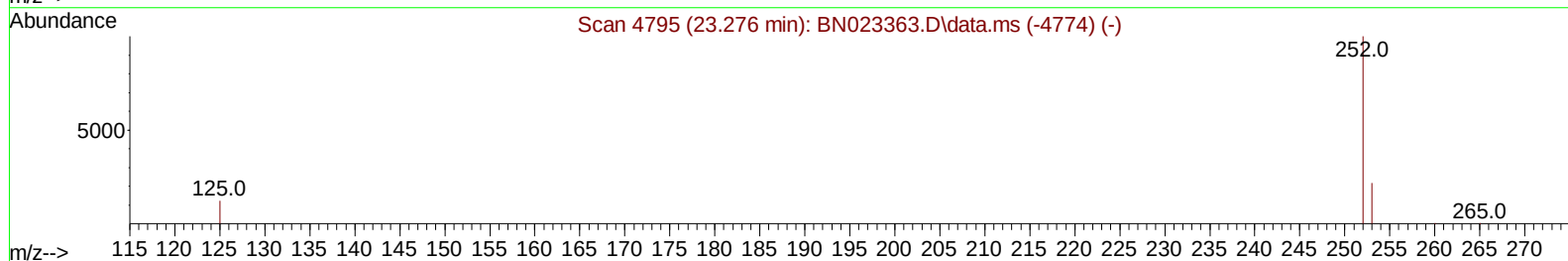
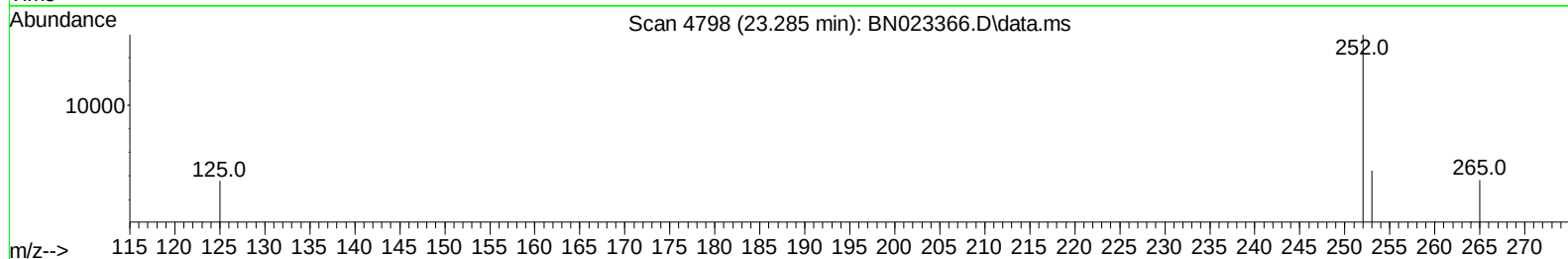
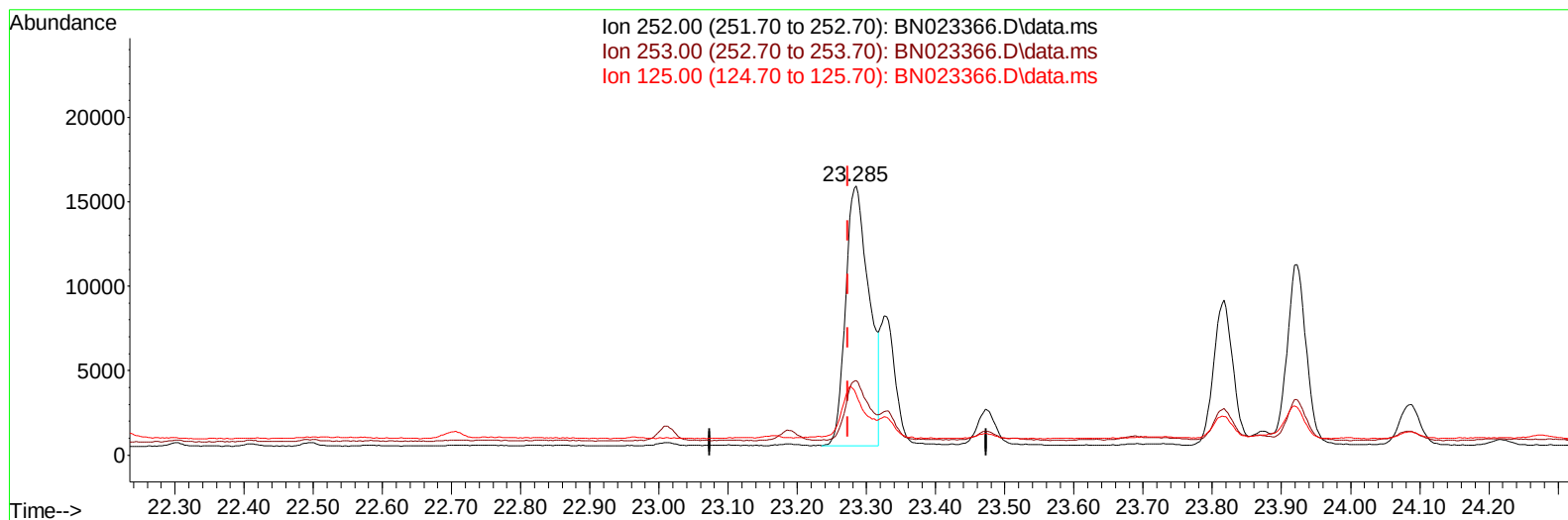
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023366.D  
Acq On : 23 Dec 2022 09:46  
Operator : CG/JU  
Sample : N6006-18DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ6DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2022  
Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 22:25:02 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration



TIC: BN023366.D\data.ms

## (24) Benzo(b)fluoranthene

23.285min (+ 0.011) 0.42 ng/ul m

response 36478

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.60  | 27.79  |
| 125.00 | 15.90  | 22.54  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
 Data File : BN023366.D  
 Acq On : 23 Dec 2022 09:46  
 Operator : CG/JU  
 Sample : N6006-18DL 5X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

## Instrument :

BNA\_N

ClientSampleId :

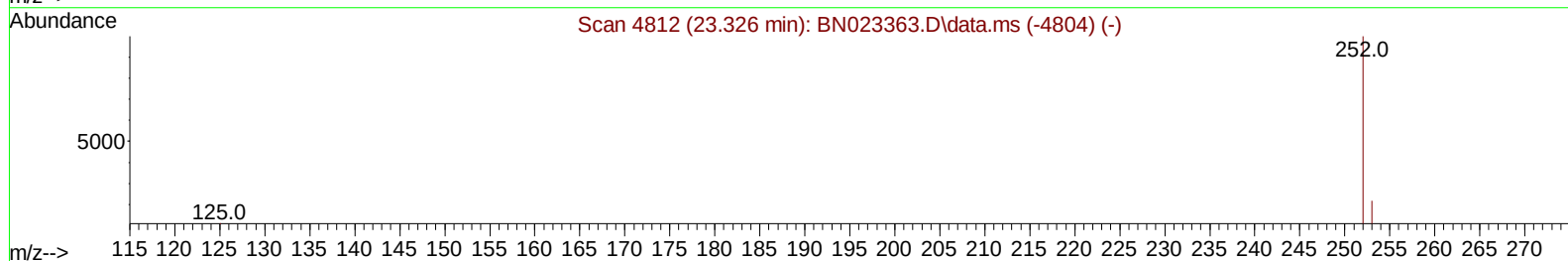
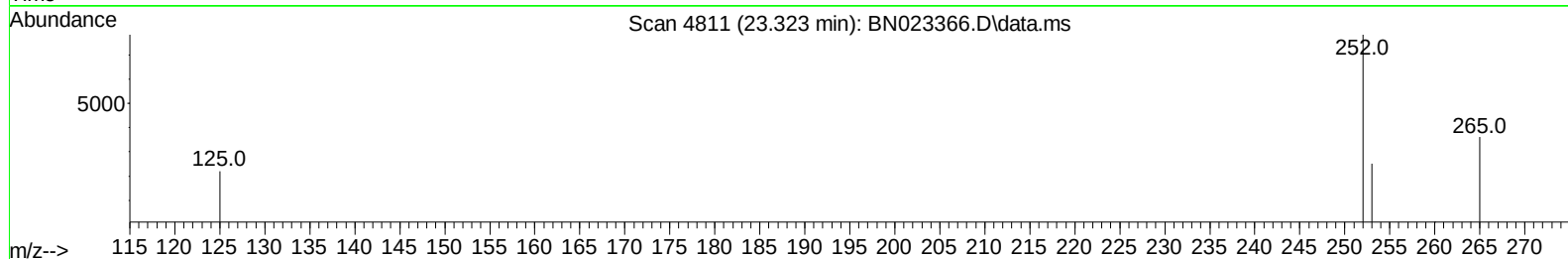
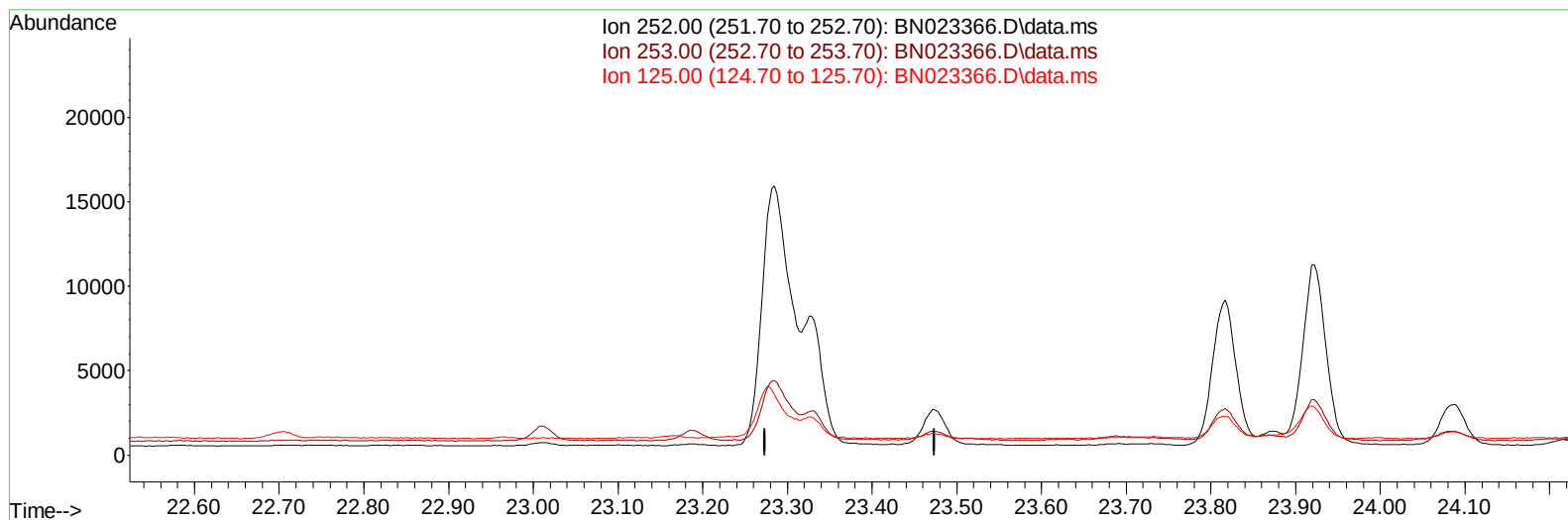
DBXQ6DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 22:25:02 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 02:28:40 2022  
 Response via : Initial Calibration



TIC: BN023366.D\data.ms

## (25) Benzo(k)fluoranthene

23.324min (-23.324) 0.00 ng/ul

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 24.70  | 0.00# |
| 125.00 | 15.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

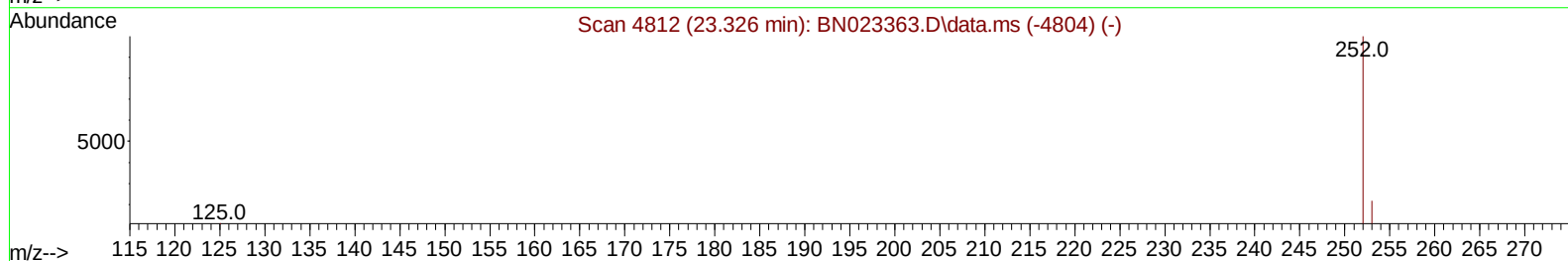
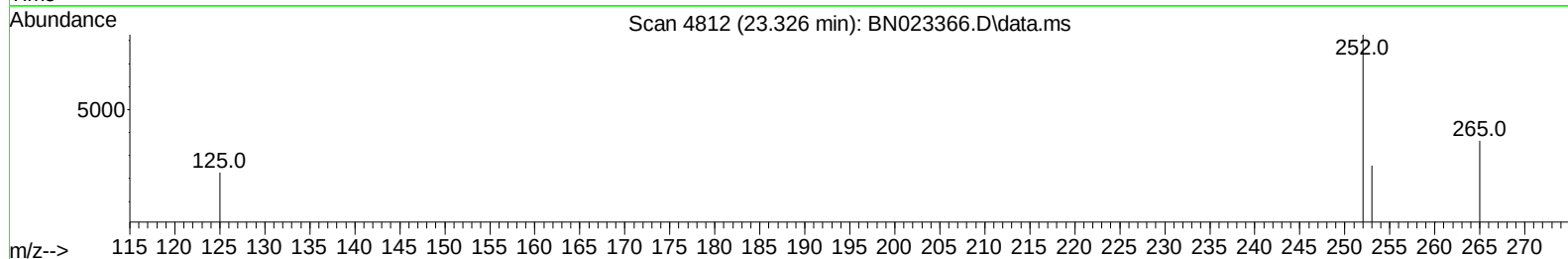
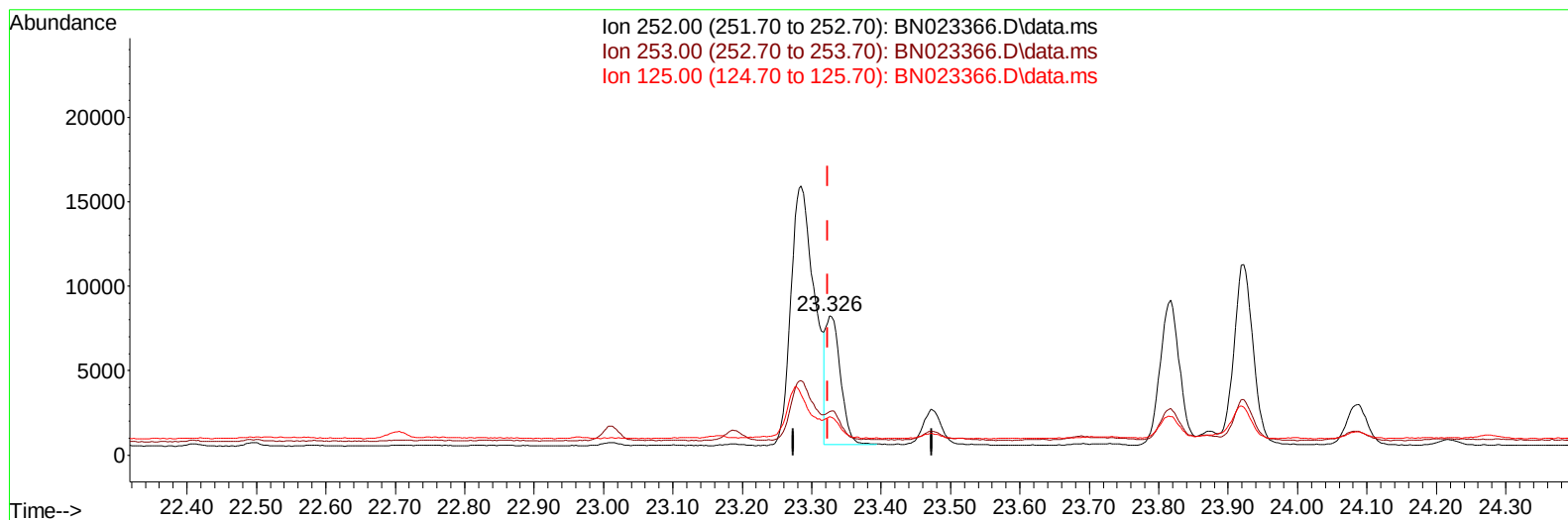
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023366.D  
Acq On : 23 Dec 2022 09:46  
Operator : CG/JU  
Sample : N6006-18DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ6DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2022  
Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 22:25:02 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration



TIC: BN023366.D\data.ms

## (25) Benzo(k)fluoranthene

23.326min (+ 0.002) 0.14 ng/u1 m

response 11377

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.70  | 31.08# |
| 125.00 | 15.70  | 27.35# |
| 0.00   | 0.00   | 0.00   |

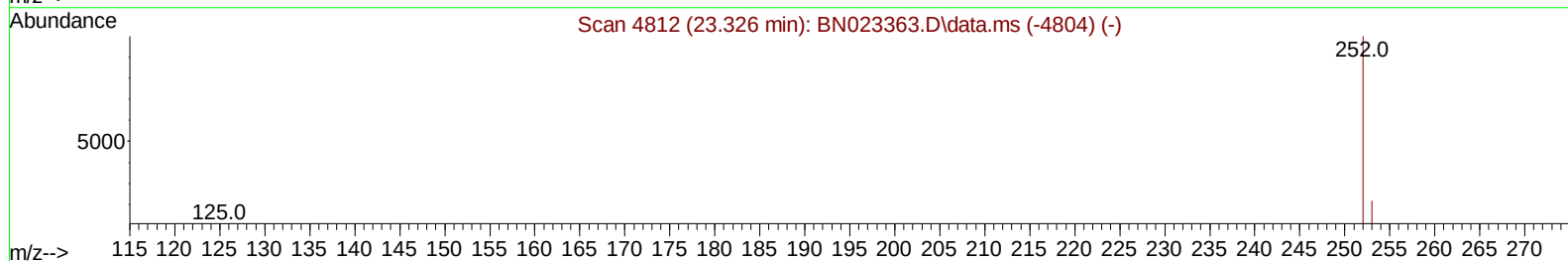
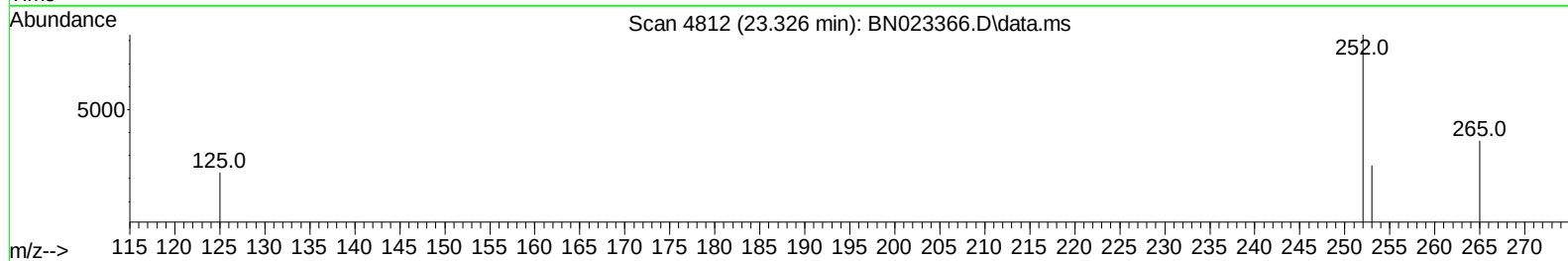
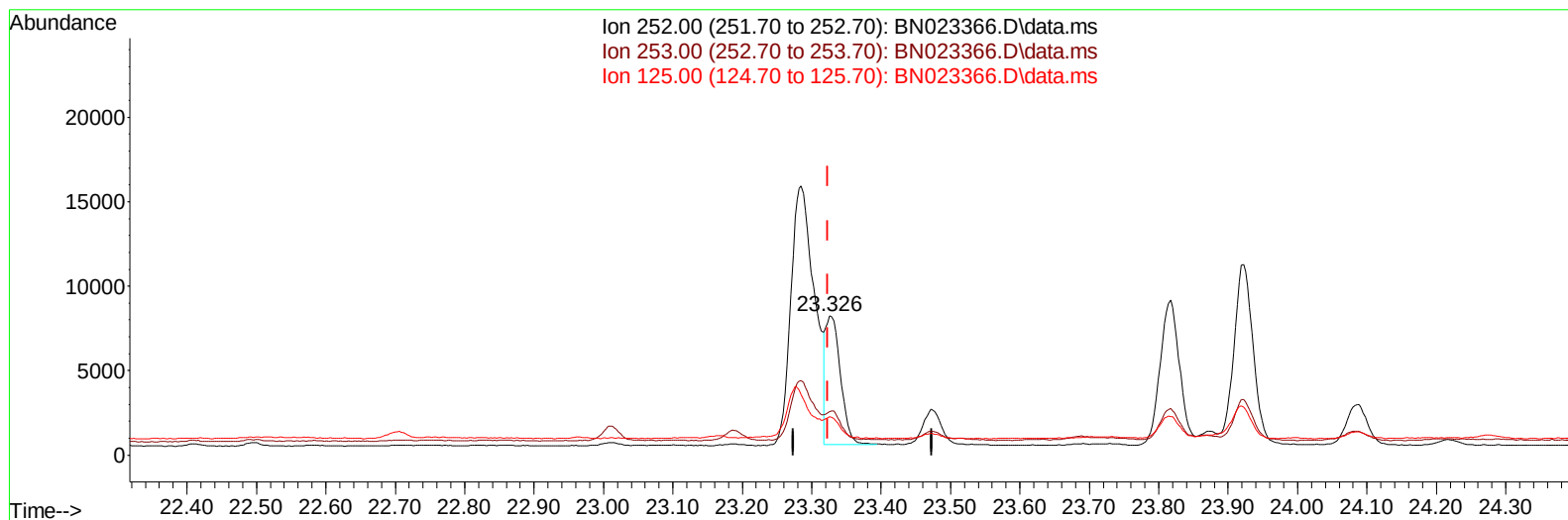
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023366.D  
Acq On : 23 Dec 2022 09:46  
Operator : CG/JU  
Sample : N6006-18DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ6DL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:25:02 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2022  
Supervised By :Jagrut Upadhyay 12/24/2022



TIC: BN023366.D\data.ms

(25) Benzo(k)fluoranthene

23.326min (+ 0.002) 0.14 ng/ul m

response 11377

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.70  | 31.08# |
| 125.00 | 15.70  | 27.35# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
 Data File : BN023366.D  
 Acq On : 23 Dec 2022 09:46  
 Operator : CG/JU  
 Sample : N6006-18DL 5X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBXQ6DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2022  
 Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 22:25:02 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 02:28:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.994  | 152  | 5683     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.810 | 136  | 19298    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.645 | 164  | 11458    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.390 | 188  | 26935    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.581 | 240  | 21457    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.030 | 264  | 16860    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.344  | 96   | 8908     | 1.443 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.399 | 152  | 2963     | 0.099 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.420 | 212  | 7388     | 0.095 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.859 | 128  | 2187     | 0.039 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.470 | 142  | 1009     | 0.028 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.690 | 142  | 813      | 0.022 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.363 | 152  | 1718     | 0.034 | ng/ul# | 85       |
| 11) Acenaphthene            | 14.705 | 153  | 1111     | 0.026 | ng/ul  | 99       |
| 12) Fluorene                | 15.691 | 166  | 1053     | 0.022 | ng/ul# | 94       |
| 15) Phenanthrene            | 17.432 | 178  | 27670    | 0.316 | ng/ul  | 99       |
| 16) Anthracene              | 17.525 | 178  | 4410     | 0.061 | ng/ul# | 94       |
| 19) Fluoranthene            | 19.448 | 202  | 59320    | 0.570 | ng/ul  | 98       |
| 20) Pyrene                  | 19.815 | 202  | 48272m   | 0.460 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.563 | 228  | 25336    | 0.303 | ng/ul  | 97       |
| 22) Chrysene                | 21.619 | 228  | 29130    | 0.343 | ng/ul# | 88       |
| 24) Benzo(b)fluoranthene    | 23.285 | 252  | 36478m   | 0.418 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.326 | 252  | 11377m   | 0.139 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.922 | 252  | 20572    | 0.298 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.587 | 276  | 14325    | 0.178 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.600 | 278  | 3656     | 0.058 | ng/ul# | 50       |
| 29) Benzo(g,h,i)perylene    | 27.378 | 276  | 12046    | 0.183 | ng/ul# | 84       |
| -----                       |        |      |          |       |        |          |

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



