

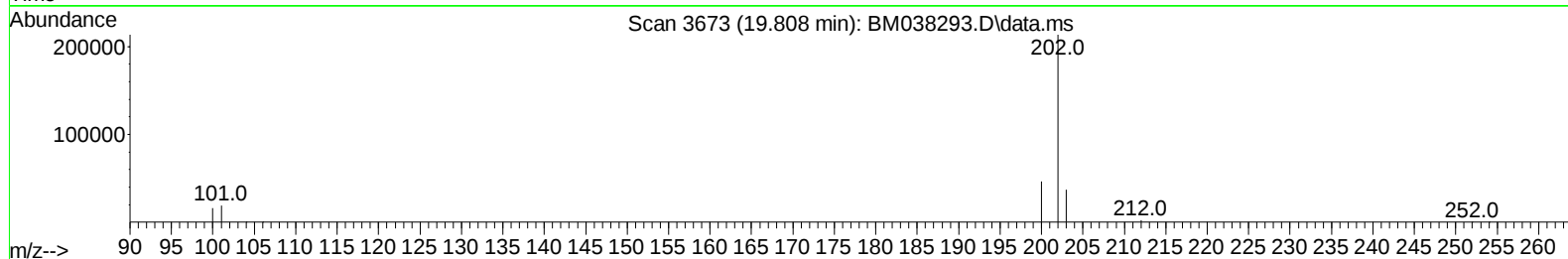
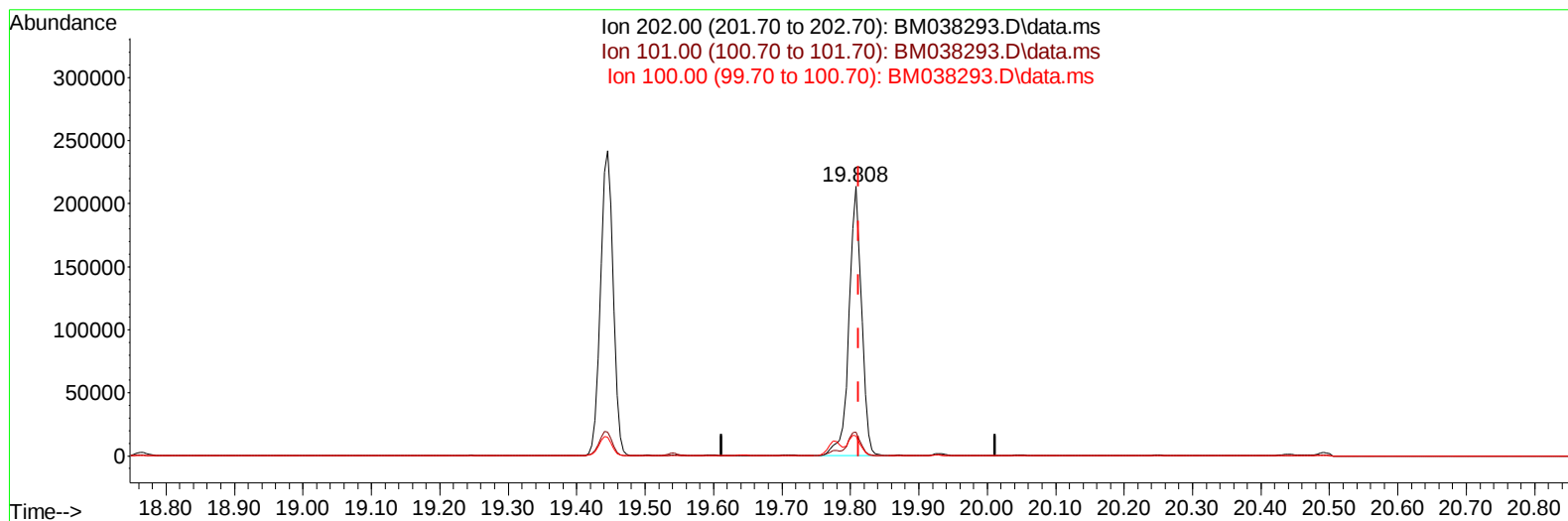
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
Data File : BM038293.D  
Acq On : 25 Dec 2022 05:17  
Operator : CG/JU  
Sample : N6016-16  
Misc :  
ALS Vial : 102 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBYD8

Manual IntegrationsAPPROVED

Quant Time: Dec 25 23:53:50 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 24 05:23:31 2022  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2022  
Supervised By :Sohil Jodhani 12/26/2022



TIC: BM038293.D\data.ms

(20) Pyrene

19.808min (-0.005) 5.28 ng/u1

response 270651

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.10  | 8.89   |
| 100.00 | 9.20   | 7.45   |
| 0.00   | 0.00   | 0.00   |

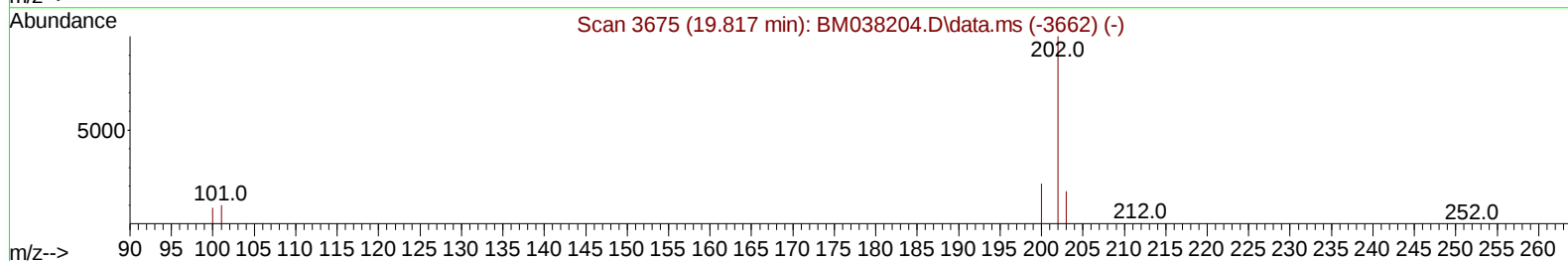
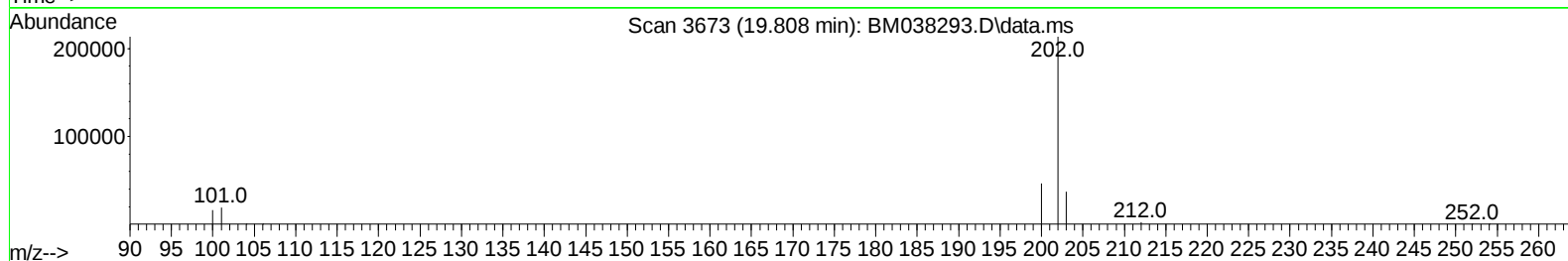
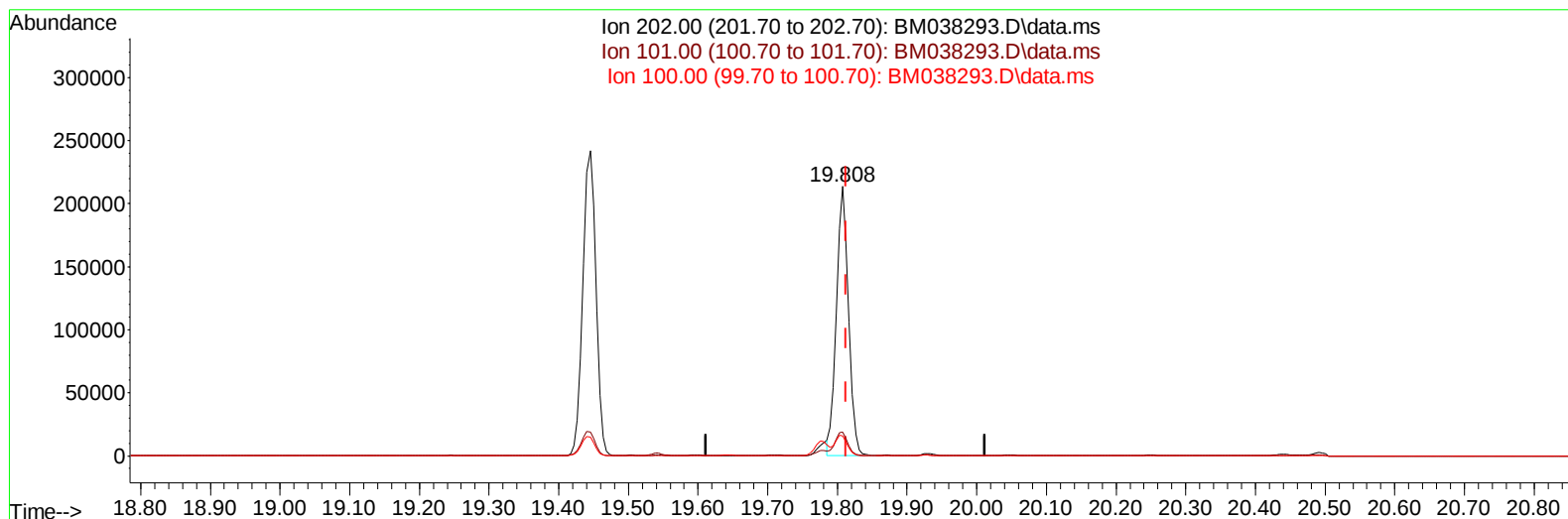
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Manual IntegrationsAPPROVED

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TIC: BM038293.D\data.ms

(20) Pyrene

19.808min (-0.005) 5.06 ng/u1 m

response 259366

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.10  | 8.89   |
| 100.00 | 9.20   | 7.45   |
| 0.00   | 0.00   | 0.00   |

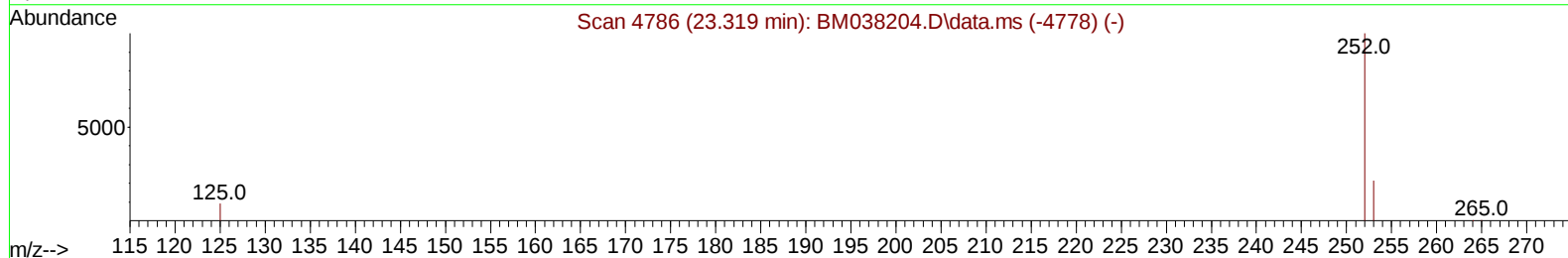
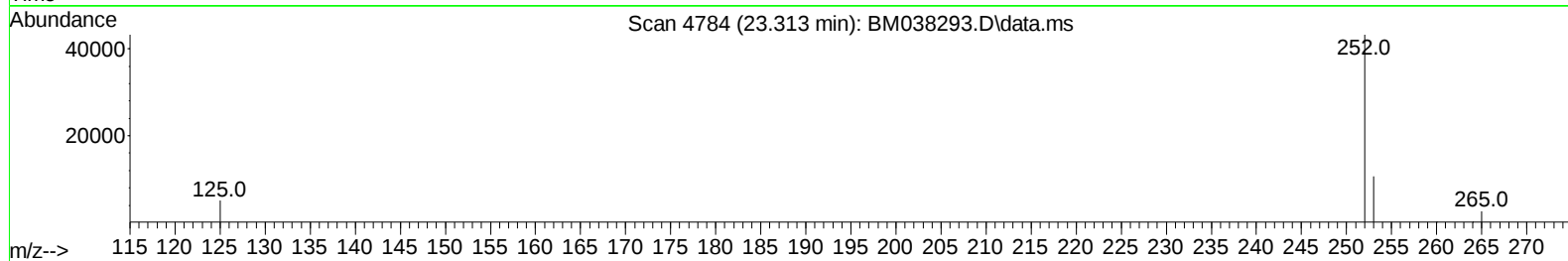
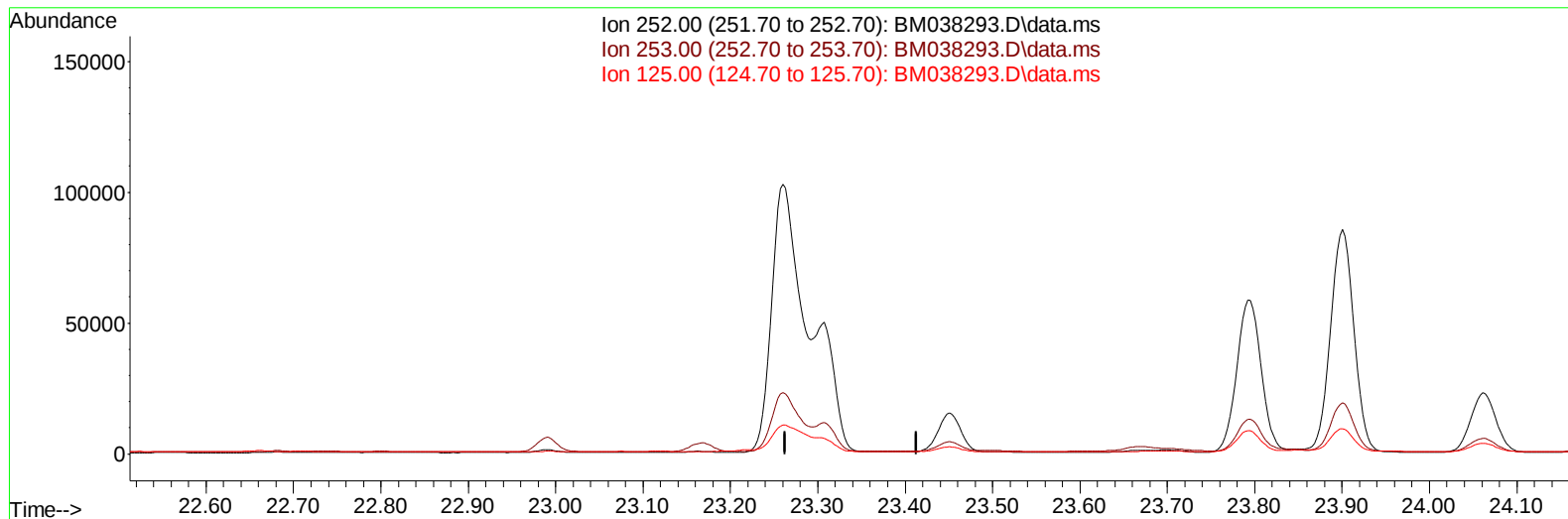
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 Data File : BM038293.D  
 Acq On : 25 Dec 2022 05:17  
 Operator : CG/JU  
 Sample : N6016-16  
 Misc :  
 ALS Vial : 102 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYD8

Manual IntegrationsAPPROVED

Quant Time: Dec 25 23:53:50 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
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 QLast Update : Sat Dec 24 05:23:31 2022  
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Reviewed By :Yogesh Patel 12/26/2022  
 Supervised By :Sohil Jodhani 12/26/2022



TIC: BM038293.D\data.ms

(25) Benzo(k)fluoranthene

23.313min (-23.313) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 28.10  | 0.00# |
| 125.00 | 18.00  | 0.00# |
| 0.00   | 0.00   | 0.00  |

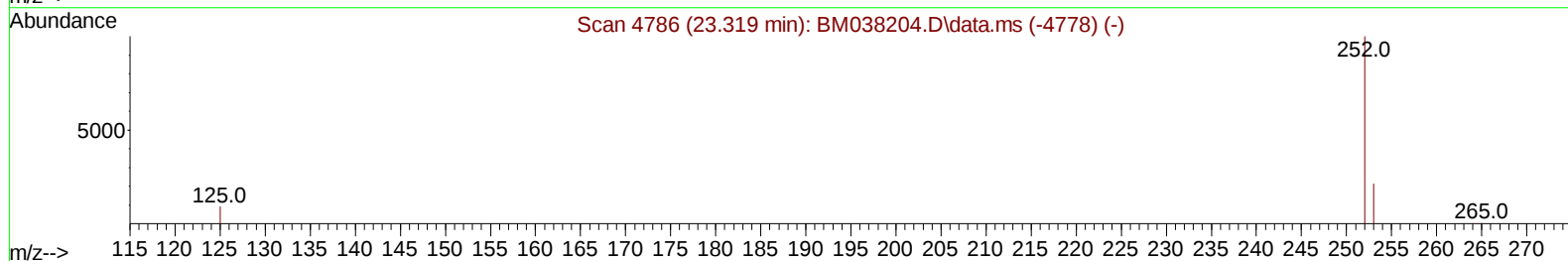
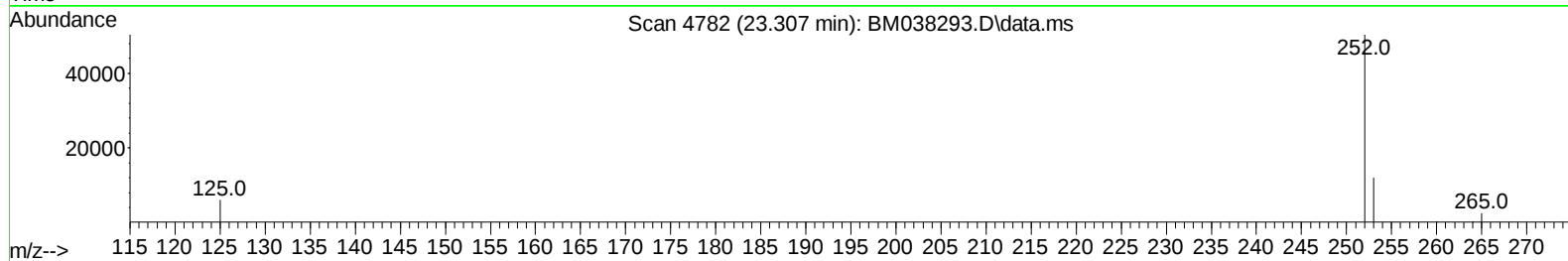
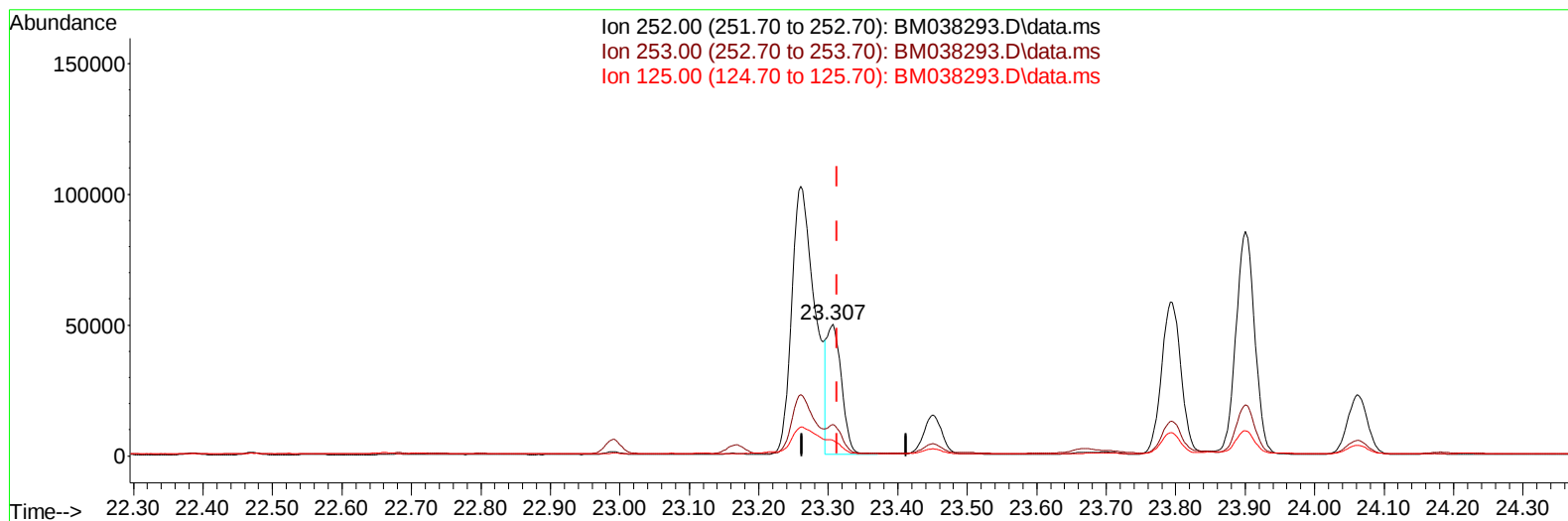
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Sample : N6016-16  
Misc :  
ALS Vial : 102 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBYD8

Manual IntegrationsAPPROVED

Quant Time: Dec 25 23:53:50 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
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Reviewed By :Yogesh Patel 12/26/2022  
Supervised By :Sohil Jodhani 12/26/2022



TIC: BM038293.D\data.ms

(25) Benzo(k)fluoranthene

23.307min (-0.006) 2.02 ng/ul m

response 71064

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 23.89  |
| 125.00 | 18.00  | 12.05# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038293.D  
 Acq On : 25 Dec 2022 05:17  
 Operator : CG/JU  
 Sample : N6016-16  
 Misc :  
 ALS Vial : 102 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYD8

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/26/2022  
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 15 23:53:50 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 24 05:23:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.026  | 152  | 3948     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.839 | 136  | 11600    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.652 | 164  | 6709     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.392 | 188  | 12883    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.562 | 240  | 9262     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.009 | 264  | 8273     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.389  | 96   | 11733    | 2.922 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.418 | 152  | 3590     | 0.210 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.413 | 212  | 7177     | 0.206 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.889 | 128  | 5258     | 0.155 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.489 | 142  | 977      | 0.046 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.709 | 142  | 672      | 0.031 | ng/ul  | 94       |
| 10) Acenaphthylene          | 14.379 | 152  | 1335     | 0.036 | ng/ul# | 81       |
| 11) Acenaphthene            | 14.717 | 153  | 8901     | 0.337 | ng/ul  | 100      |
| 12) Fluorene                | 15.698 | 166  | 14994    | 0.523 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.050 | 266  | 146      | 0.023 | ng/ul  | 89       |
| 15) Phenanthrene            | 17.434 | 178  | 195706   | 4.539 | ng/ul  | 99       |
| 16) Anthracene              | 17.527 | 178  | 44899    | 1.084 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.445 | 202  | 311080   | 6.130 | ng/ul  | 97       |
| 20) Pyrene                  | 19.808 | 202  | 259366m  | 5.058 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.547 | 228  | 161077   | 3.965 | ng/ul  | 99       |
| 22) Chrysene                | 21.600 | 228  | 161831   | 4.093 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.260 | 252  | 237089   | 6.474 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 23.307 | 252  | 71064m   | 2.020 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.901 | 252  | 160835   | 5.034 | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.562 | 276  | 124479   | 2.809 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.565 | 278  | 26285    | 0.763 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.353 | 276  | 122044   | 3.273 | ng/ul  | 94       |
| -----                       |        |      |          |       |        |          |

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

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ClientSampleId :  
DBYD8

## Manual IntegrationsAPPROVED

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