

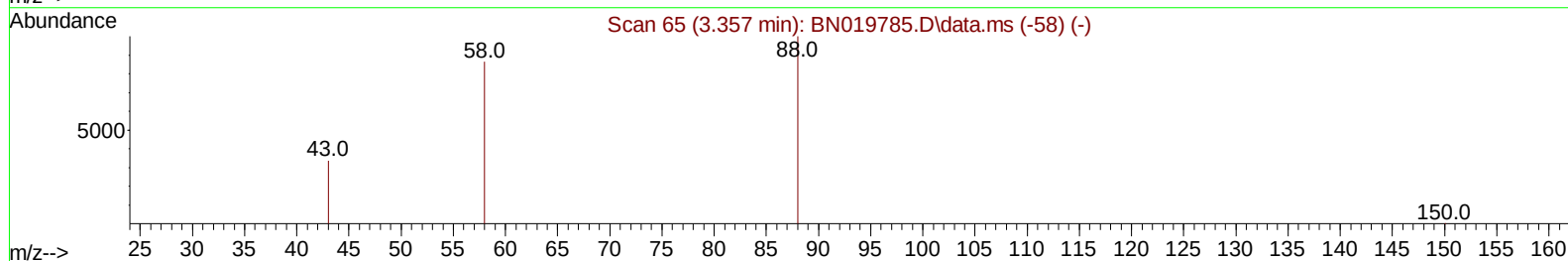
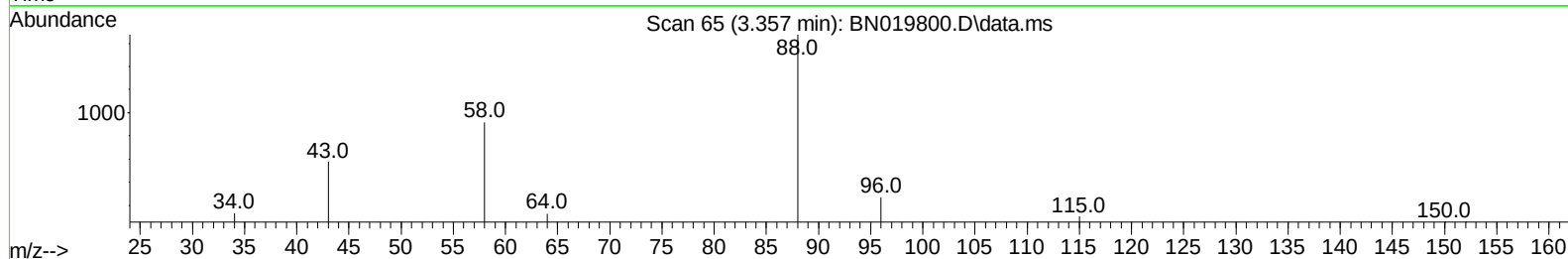
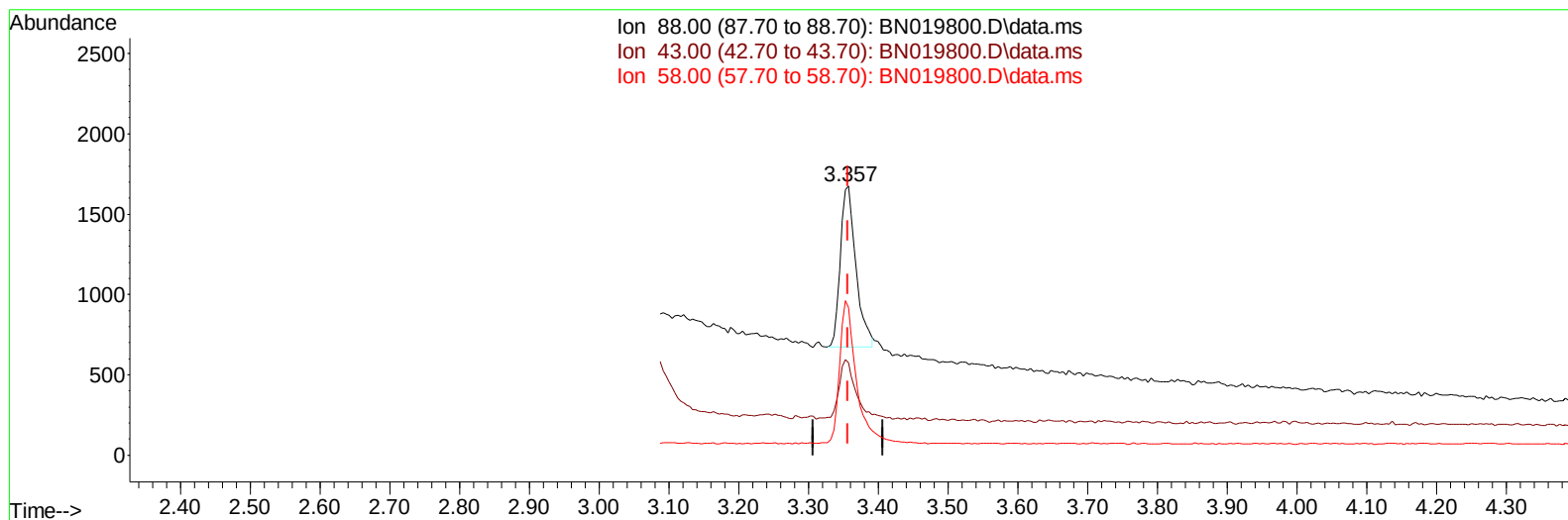
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051622\  
Data File : BN019800.D  
Acq On : 16 May 2022 20:01  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: May 17 01:43:33 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 17 01:41:05 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2022  
Supervised By :mohammad ahmed 05/18/2022



TIC: BN019800.D\data.ms

(2) 1,4-Dioxane

3.357min (-0.000) 0.37 ng/u1

response 1544

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 48.70  | 34.29# |
| 58.00 | 49.80  | 54.90  |
| 0.00  | 0.00   | 0.00   |

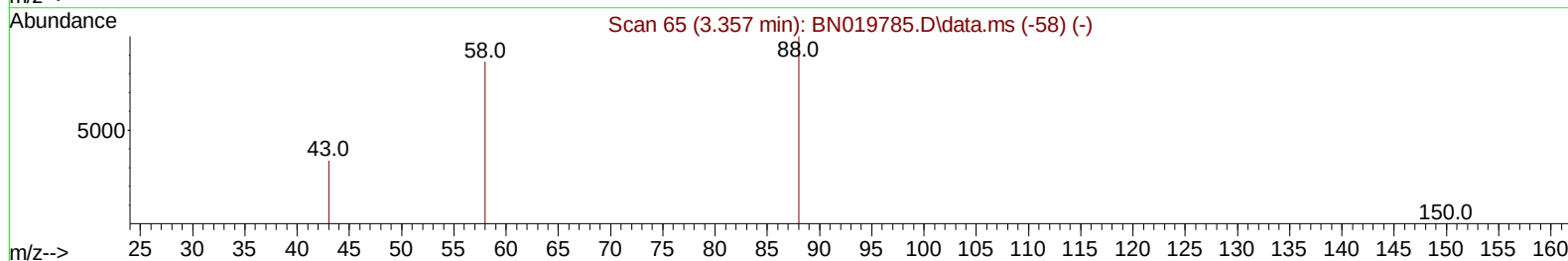
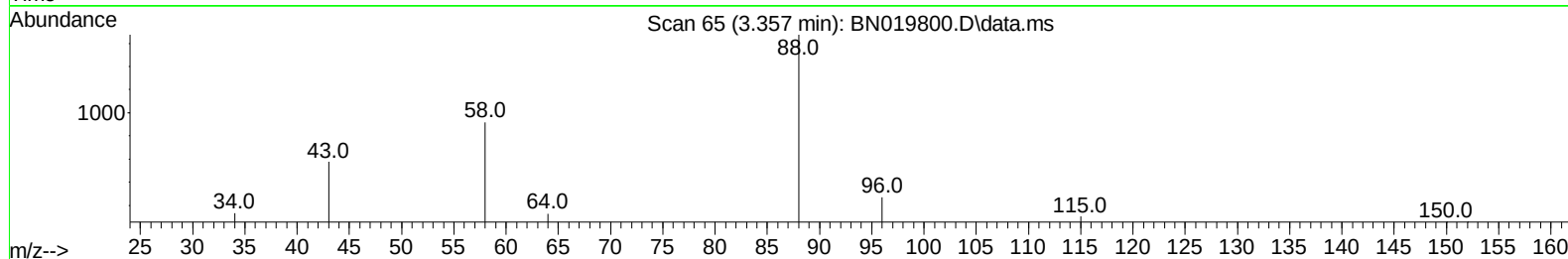
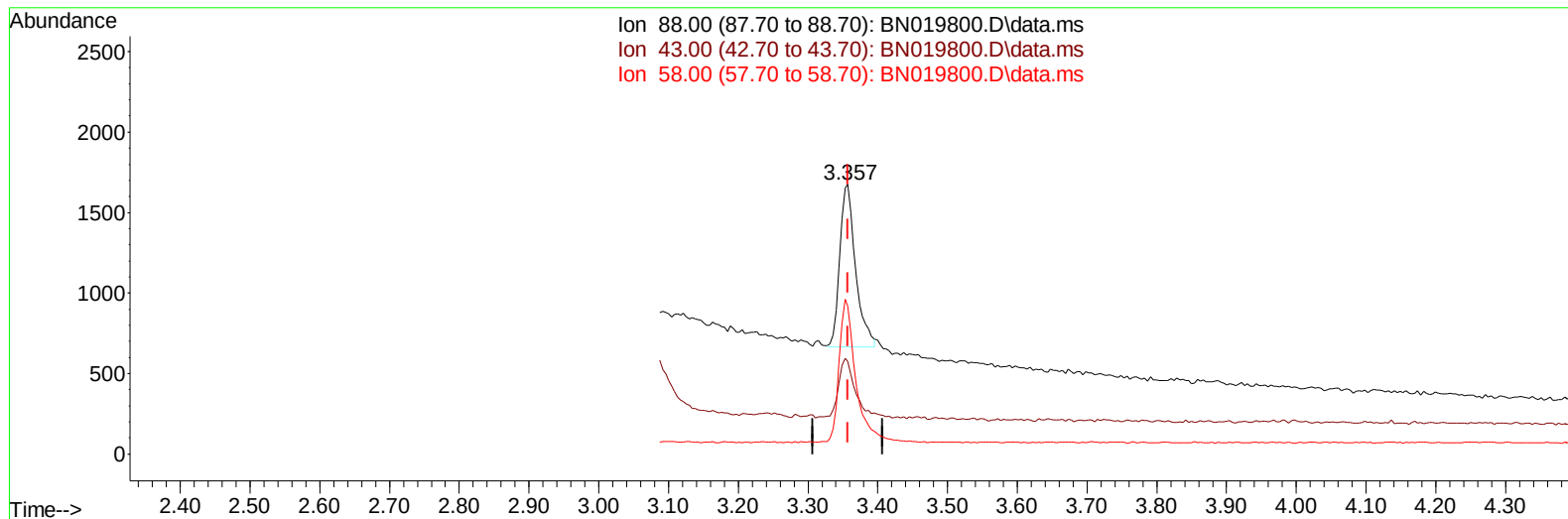
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051622\  
Data File : BN019800.D  
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN019800.D\data.ms

(2) 1,4-Dioxane

3.357min (-0.000) 0.38 ng/ul m

response 1590

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 48.70  | 34.29# |
| 58.00 | 49.80  | 54.90  |
| 0.00  | 0.00   | 0.00   |

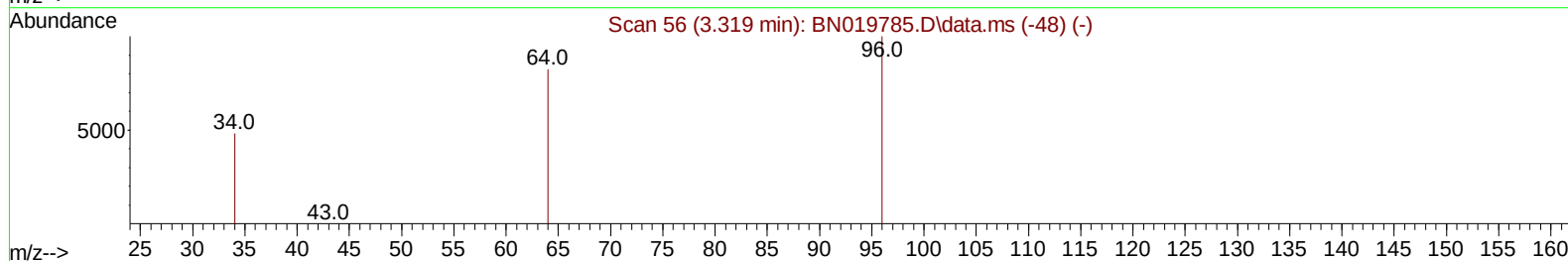
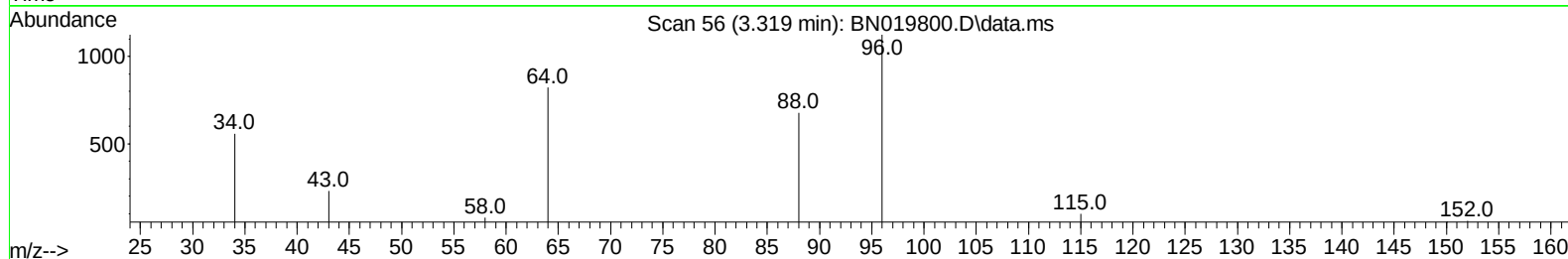
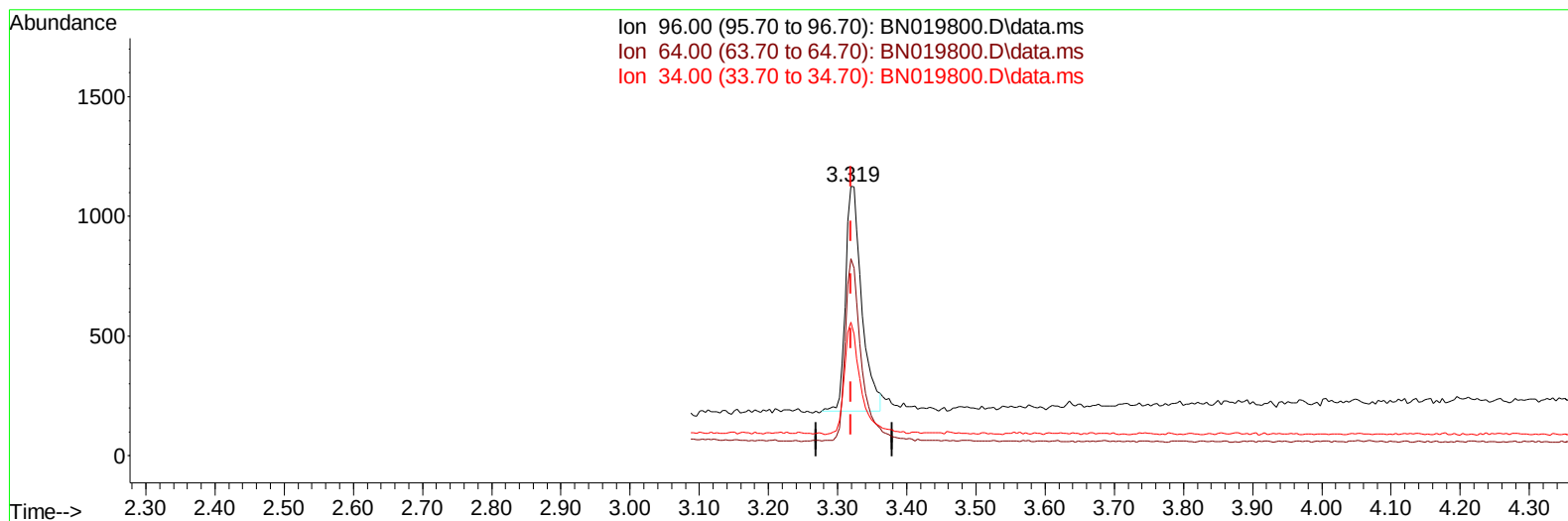
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051622\  
Data File : BN019800.D  
Acq On : 16 May 2022 20:01  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN019800.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.319min (-0.000) 0.39 ng/u1

response 1523

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 40.10  | 73.16# |
| 34.00 | 22.70  | 49.51# |
| 0.00  | 0.00   | 0.00   |

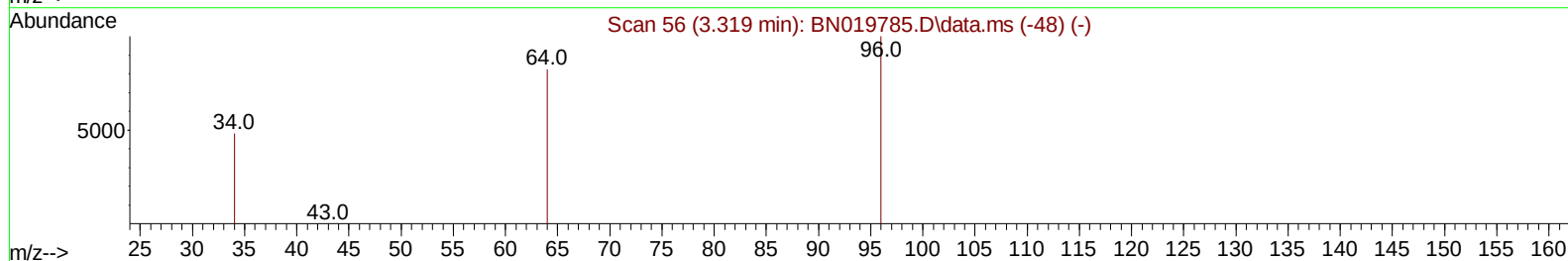
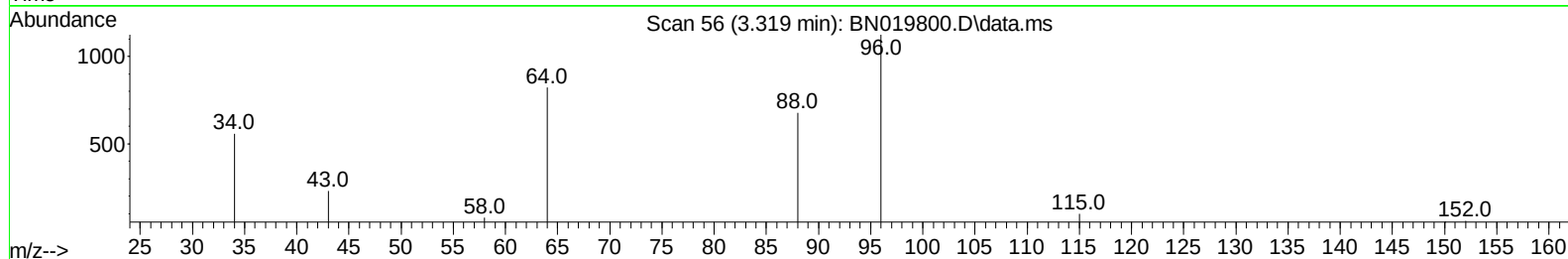
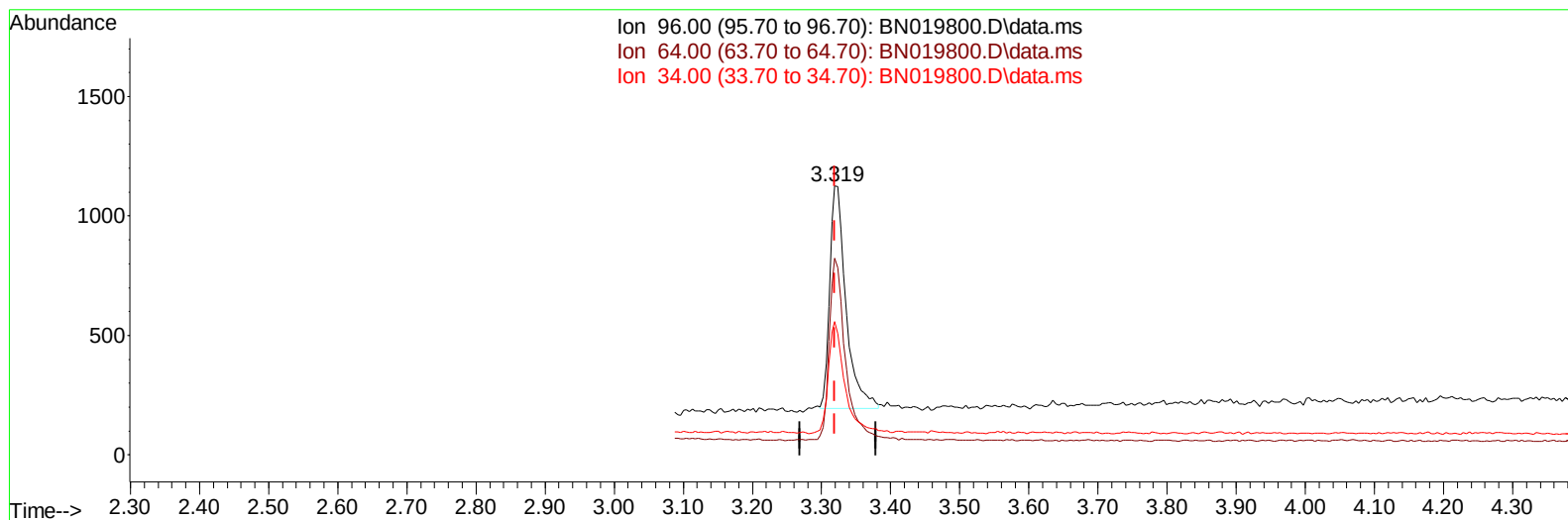
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051622\  
Data File : BN019800.D  
Acq On : 16 May 2022 20:01  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN019800.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.319min (-0.000) 0.39 ng/ul m**

**response 1517**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 40.10  | 73.16# |
| 34.00 | 22.70  | 49.51# |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051622\  
 Data File : BN019800.D  
 Acq On : 16 May 2022 20:01  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: May 17 01:43:33 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 17 01:41:05 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2022  
 Supervised By :mohammad ahmed 05/18/2022

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.855  | 152  | 3296     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.645 | 136  | 10588    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.475 | 164  | 6299     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.214 | 188  | 13738    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.401 | 240  | 14097    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.742 | 264  | 12985    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 1517m    | 0.389 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.234 | 152  | 7229     | 0.451 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.244 | 212  | 16400    | 0.368 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.357  | 88   | 1590m    | 0.384 | ng/ul  |          |
| 5) Naphthalene              | 10.694 | 128  | 13522    | 0.394 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.305 | 142  | 8746     | 0.419 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.525 | 142  | 8721     | 0.451 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.197 | 152  | 12224    | 0.392 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.540 | 153  | 9739     | 0.389 | ng/ul  | 98       |
| 12) Fluorene                | 15.525 | 166  | 11101    | 0.404 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.867 | 266  | 1114     | 0.377 | ng/ul  | 90       |
| 15) Phenanthrene            | 17.256 | 178  | 19492    | 0.386 | ng/ul  | 99       |
| 16) Anthracene              | 17.349 | 178  | 16276    | 0.395 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.272 | 202  | 22240    | 0.345 | ng/ul  | 99       |
| 20) Pyrene                  | 19.635 | 202  | 22868    | 0.355 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.386 | 228  | 19610    | 0.372 | ng/ul  | 100      |
| 22) Chrysene                | 21.439 | 228  | 23013    | 0.371 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.031 | 252  | 22656    | 0.344 | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 23.078 | 252  | 23275    | 0.367 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.637 | 252  | 20750    | 0.370 | ng/ul# | 79       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.145 | 276  | 25513    | 0.364 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.162 | 278  | 21059    | 0.360 | ng/ul# | 81       |
| 29) Benzo(g,h,i)perylene    | 26.880 | 276  | 21145    | 0.330 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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