

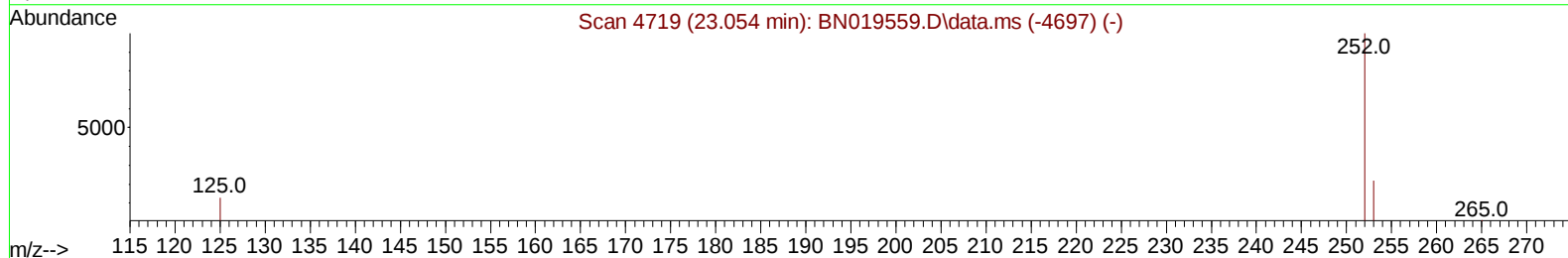
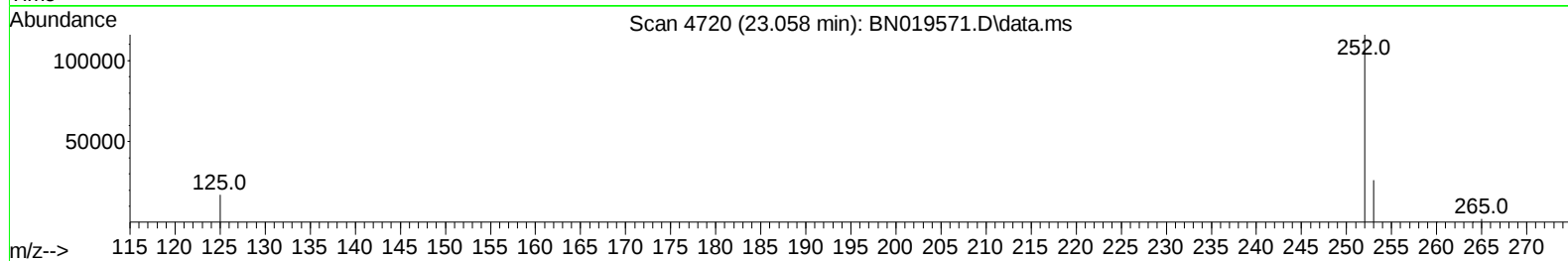
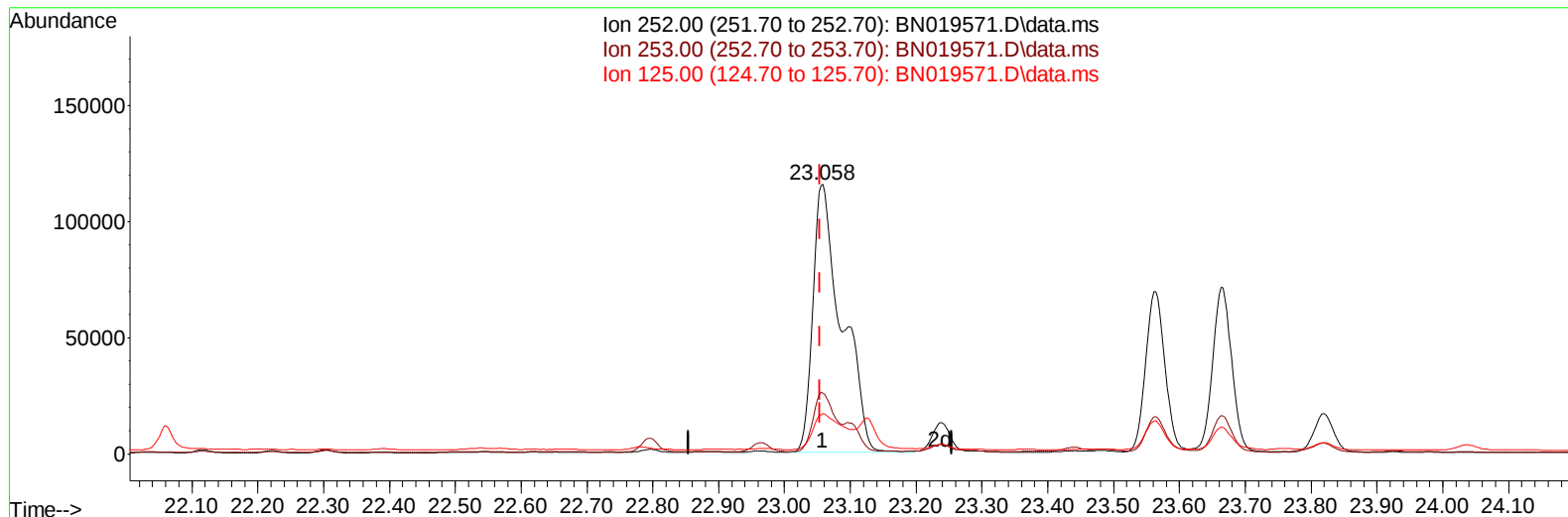
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
Data File : BN019571.D  
Acq On : 28 Apr 2022 18:14  
Operator : CG/JU  
Sample : N2469-02  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFFF9

Manual IntegrationsAPPROVED

Quant Time: Apr 29 02:16:37 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 : Thu Apr 28 13:24:26 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/29/2022  
Supervised By :Yogesh Patel 05/05/2022



TIC: BN019571.D\data.ms

(24) Benzo(b)fluoranthene

23.058min (+ 0.004) 6.77 ng/u1

response 352731

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 22.51  |
| 125.00 | 20.10  | 14.91  |
| 0.00   | 0.00   | 0.00   |

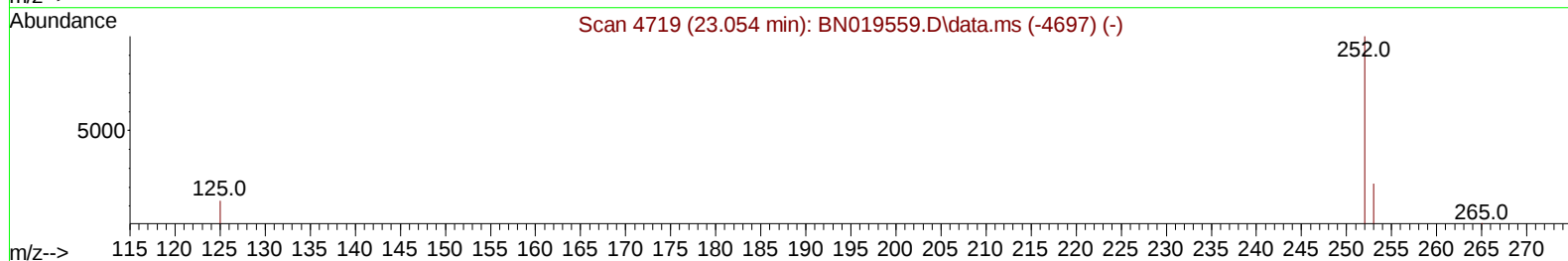
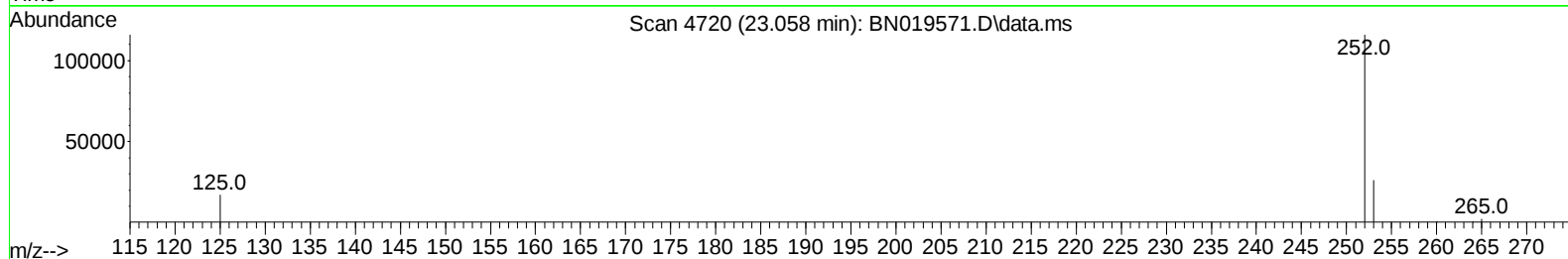
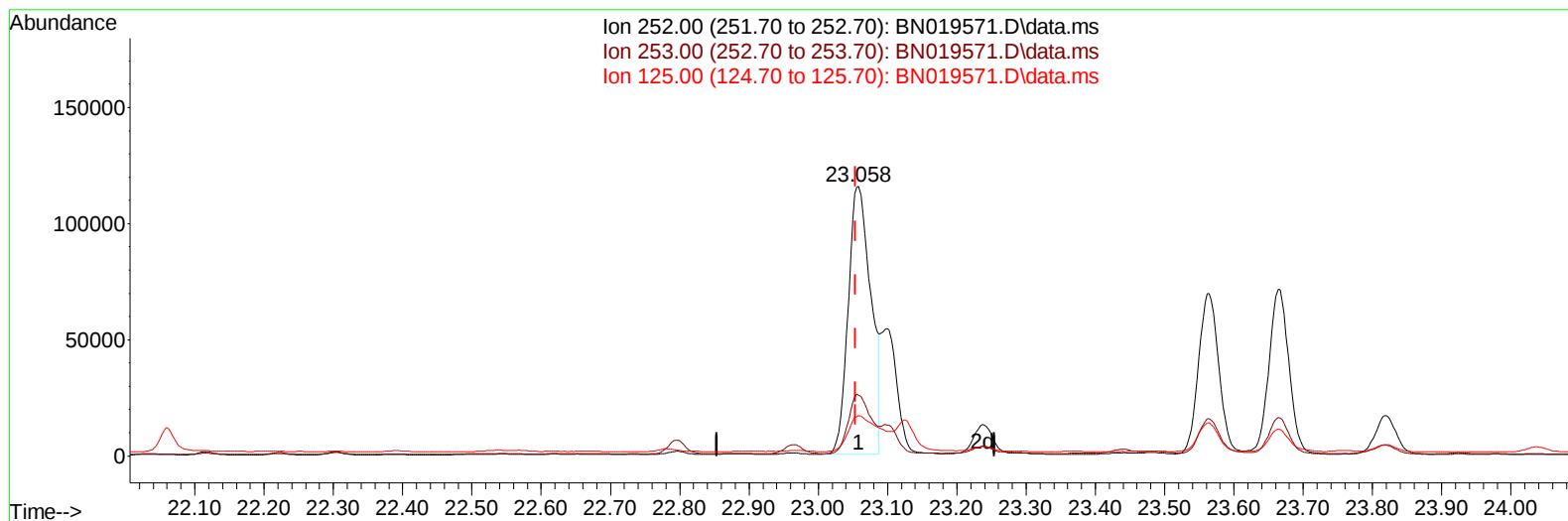
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
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TIC: BN019571.D\data.ms

(24) Benzo(b)fluoranthene

23.058min (+ 0.004) 5.08 ng/u1 m

response 264635

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 22.51  |
| 125.00 | 20.10  | 14.91  |
| 0.00   | 0.00   | 0.00   |

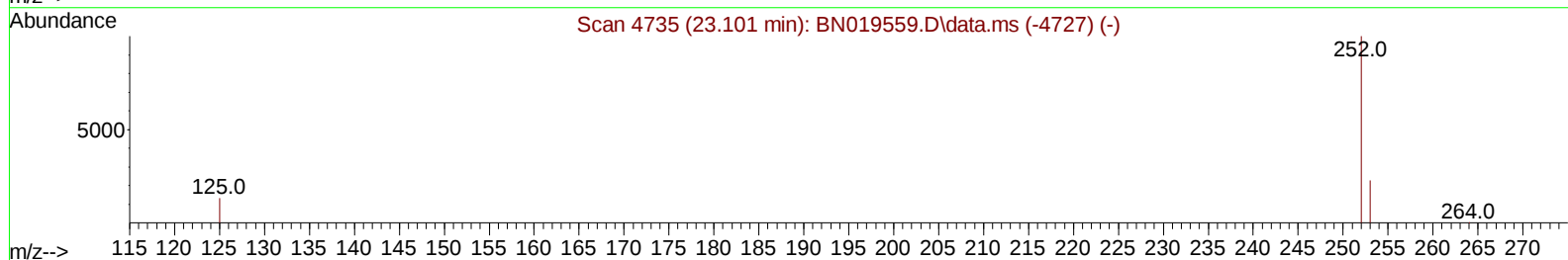
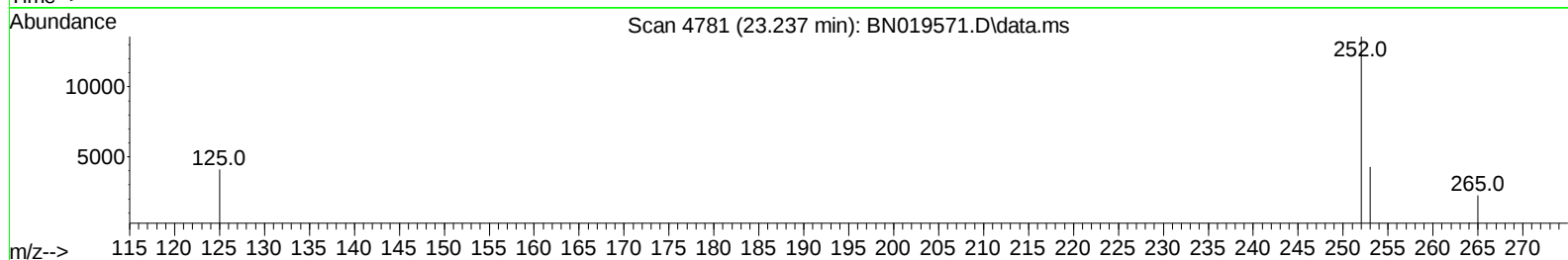
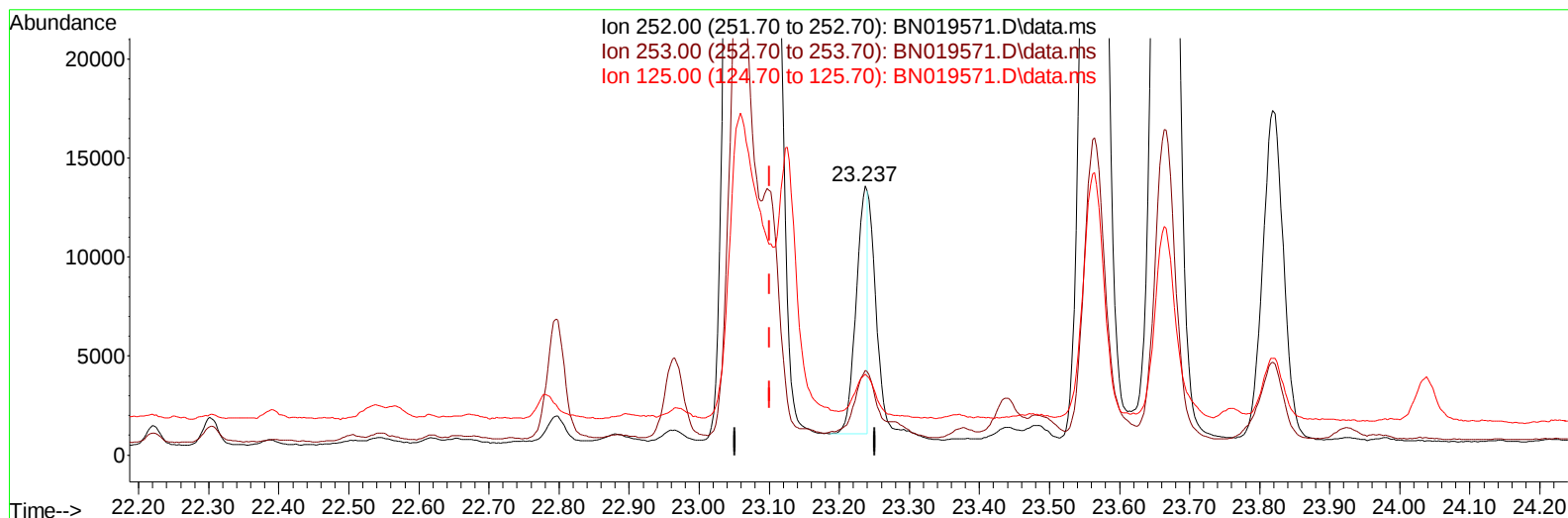
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019571.D  
 Acq On : 28 Apr 2022 18:14  
 Operator : CG/JU  
 Sample : N2469-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFF9

Manual IntegrationsAPPROVED

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TIC: BN019571.D\data.ms

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

**23.237min (+ 0.136) 0.28 ng/u1**

**response 14146**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.20  | 31.57# |
| 125.00 | 13.80  | 30.12# |
| 0.00   | 0.00   | 0.00   |

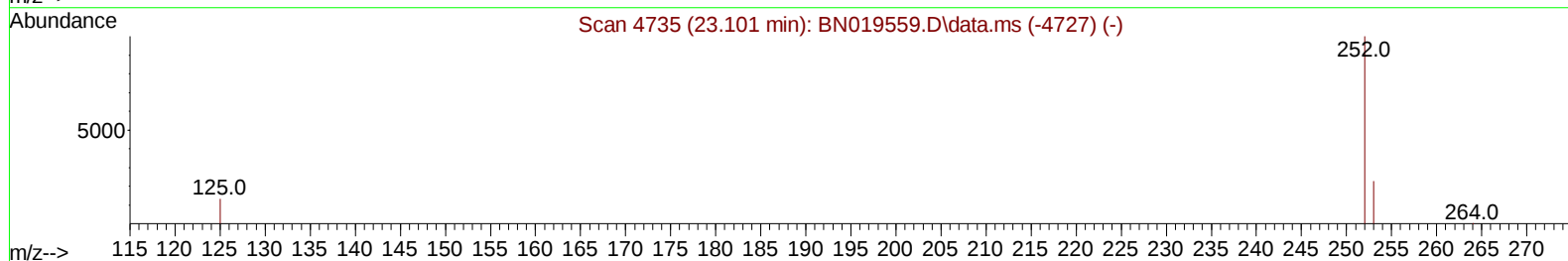
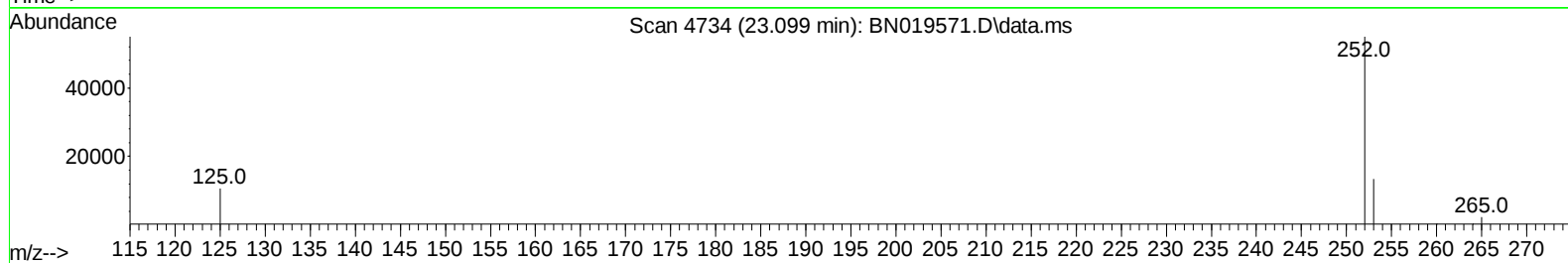
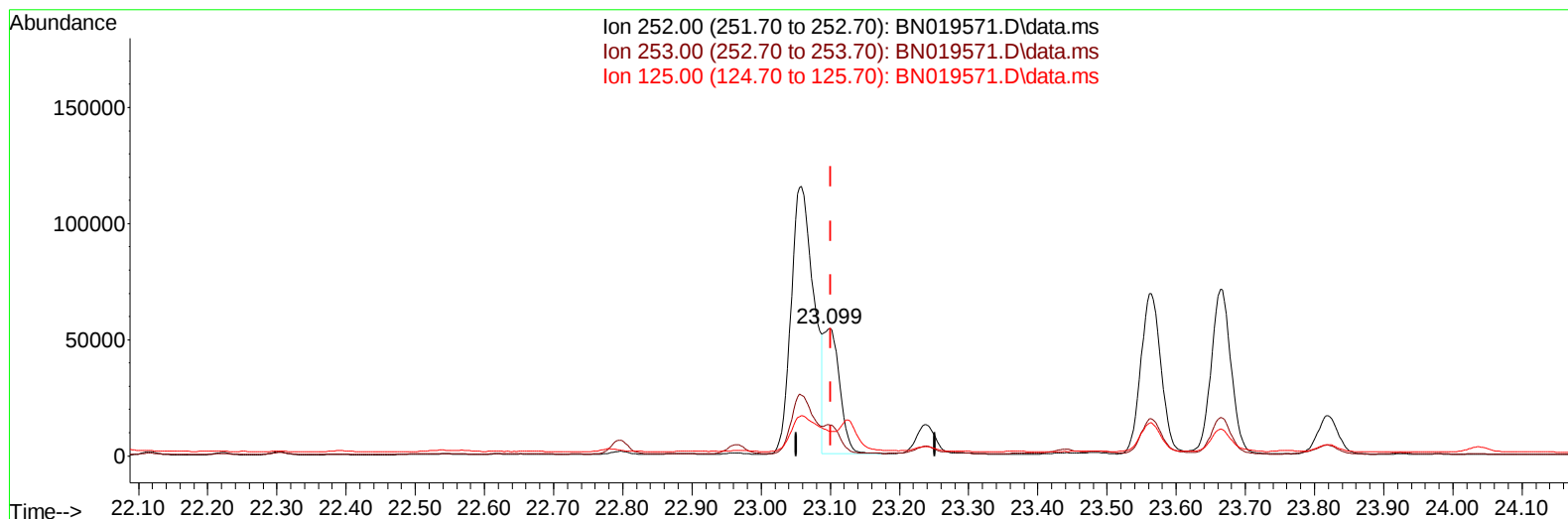
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
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 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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Manual IntegrationsAPPROVED

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TIC: BN019571.D\data.ms

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

23.099min (-0.002) 1.72 ng/ul m

response 86162

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.20  | 24.38  |
| 125.00 | 13.80  | 19.39# |
| 0.00   | 0.00   | 0.00   |

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 Data File : BN019571.D  
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 Operator : CG/JU  
 Sample : N2469-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFF9

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.880  | 152  | 4211     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.667 | 136  | 12020    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.497 | 164  | 6358     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.234 | 188  | 12912    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.416 | 240  | 11089    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.769 | 264  | 10273    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.344  | 96   | 16760    | 3.363 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.256 | 152  | 4212     | 0.232 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.257 | 212  | 9248     | 0.264 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.716 | 128  | 2864     | 0.074 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 12.327 | 142  | 2061     | 0.087 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.547 | 142  | 1557     | 0.071 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.215 | 152  | 17004    | 0.541 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.557 | 153  | 1373     | 0.054 | ng/ul# | 93       |
| 12) Fluorene                | 15.543 | 166  | 2795     | 0.101 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.276 | 178  | 75052    | 1.580 | ng/ul  | 99       |
| 16) Anthracene              | 17.365 | 178  | 18967    | 0.490 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.290 | 202  | 258460   | 5.092 | ng/ul  | 99       |
| 20) Pyrene                  | 19.652 | 202  | 247345   | 4.882 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.398 | 228  | 110412   | 2.664 | ng/ul  | 96       |
| 22) Chrysene                | 21.451 | 228  | 168042   | 3.441 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.058 | 252  | 264635m  | 5.077 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.099 | 252  | 86162m   | 1.716 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.664 | 252  | 142509   | 3.210 | ng/ul# | 77       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.186 | 276  | 132502   | 2.392 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.196 | 278  | 28853    | 0.623 | ng/ul# | 78       |
| 29) Benzo(g,h,i)perylene    | 26.931 | 276  | 117737   | 2.325 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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