

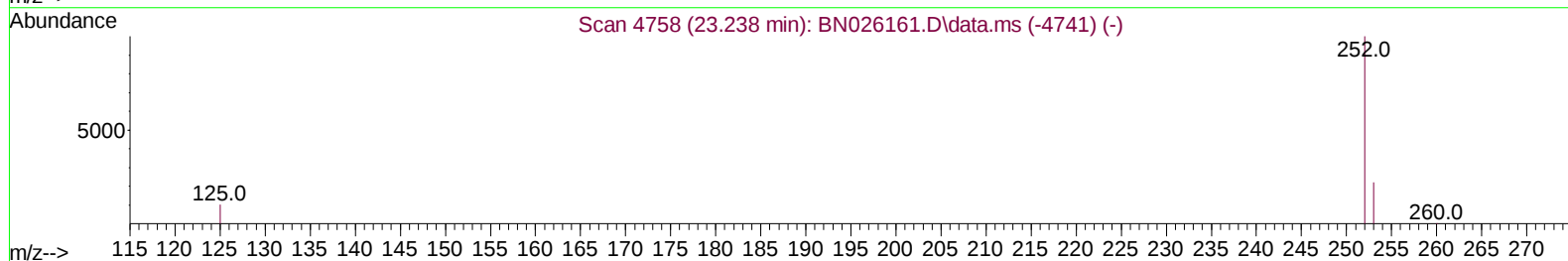
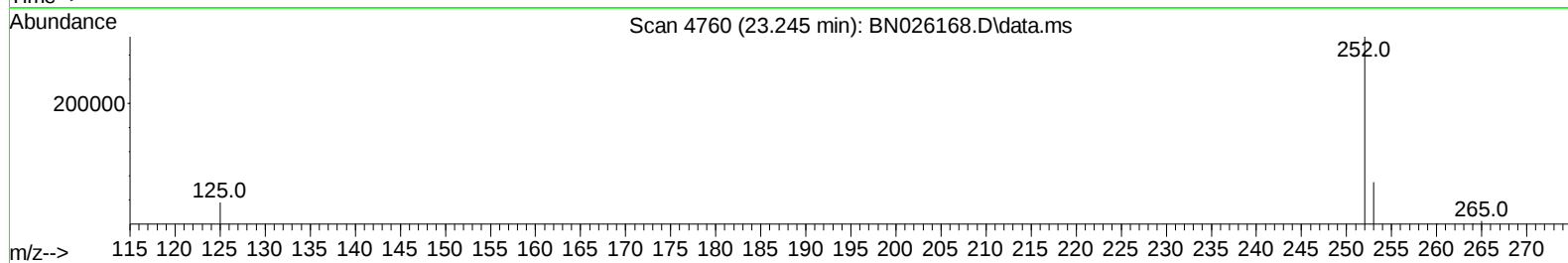
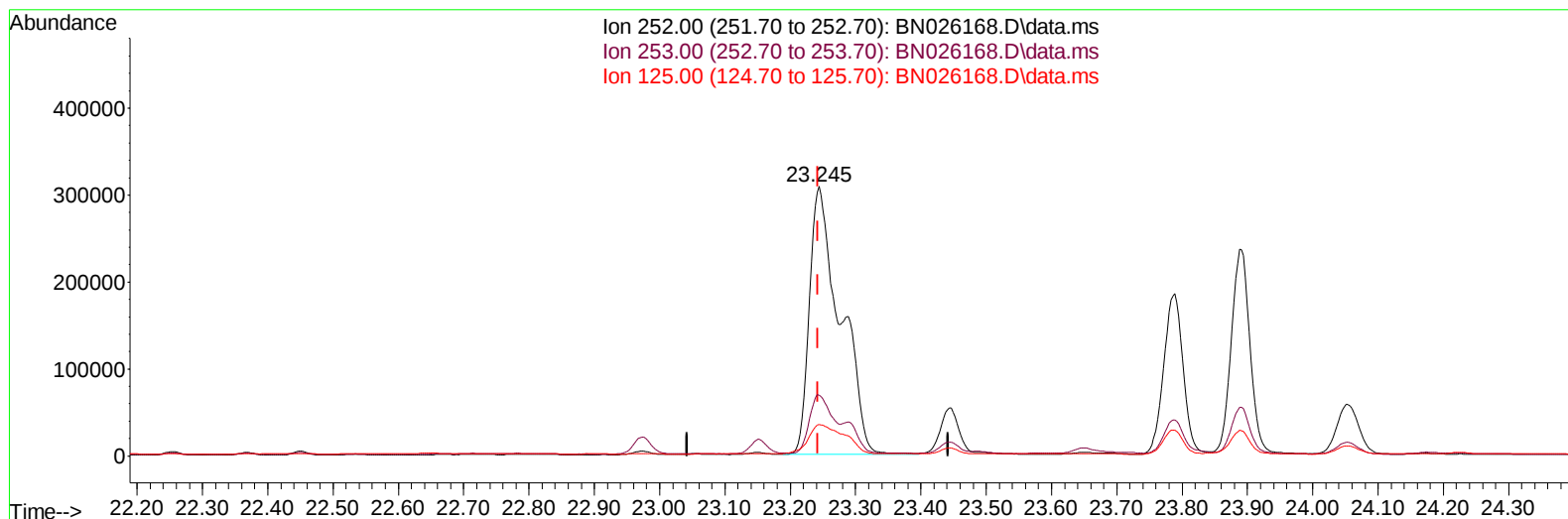
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
Data File : BN026168.D  
Acq On : 02 Jul 2023 01:47  
Operator : MA/JU  
Sample : 03245-09  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCGG7

## Manual IntegrationsAPPROVED

Quant Time: Jul 02 03:09:48 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 01 01:46:24 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/02/2023  
Supervised By :Sohil Jodhani 07/02/2023



TIC: BN026168.D\data.ms

**(24) Benzo(b)fluoranthene**

23.245min (+ 0.002) 13.28 ng/u1

response 1004625

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 22.61  |
| 125.00 | 17.90  | 11.68  |
| 0.00   | 0.00   | 0.00   |

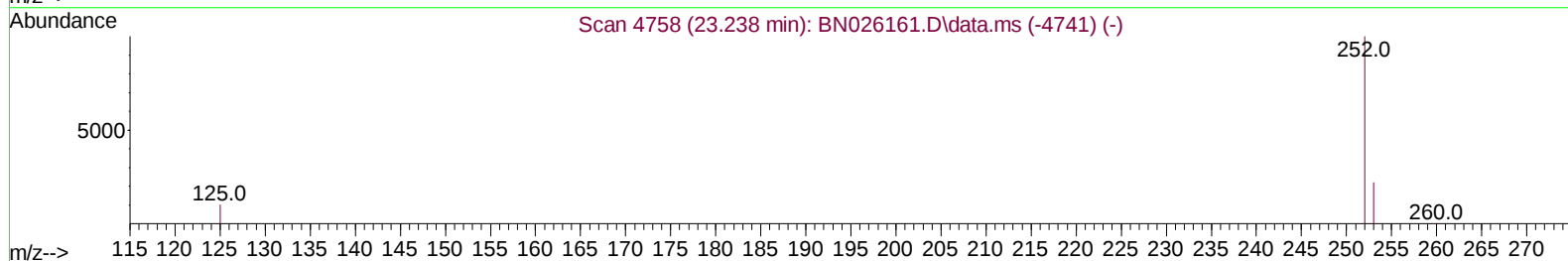
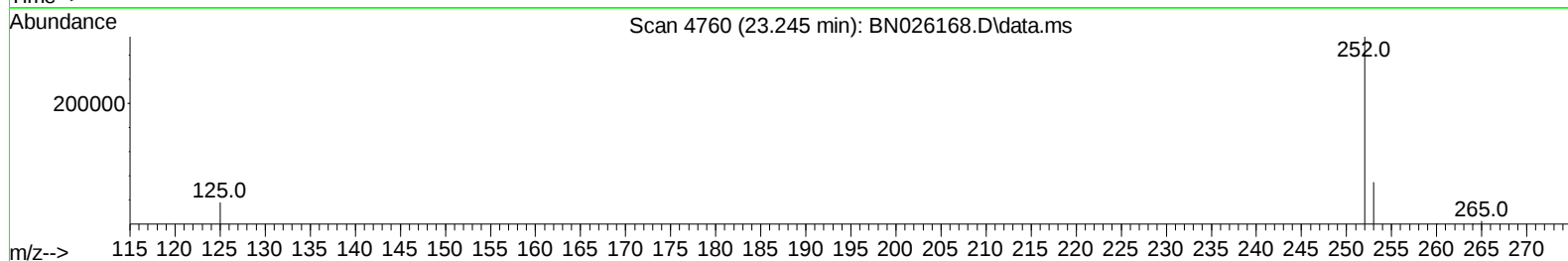
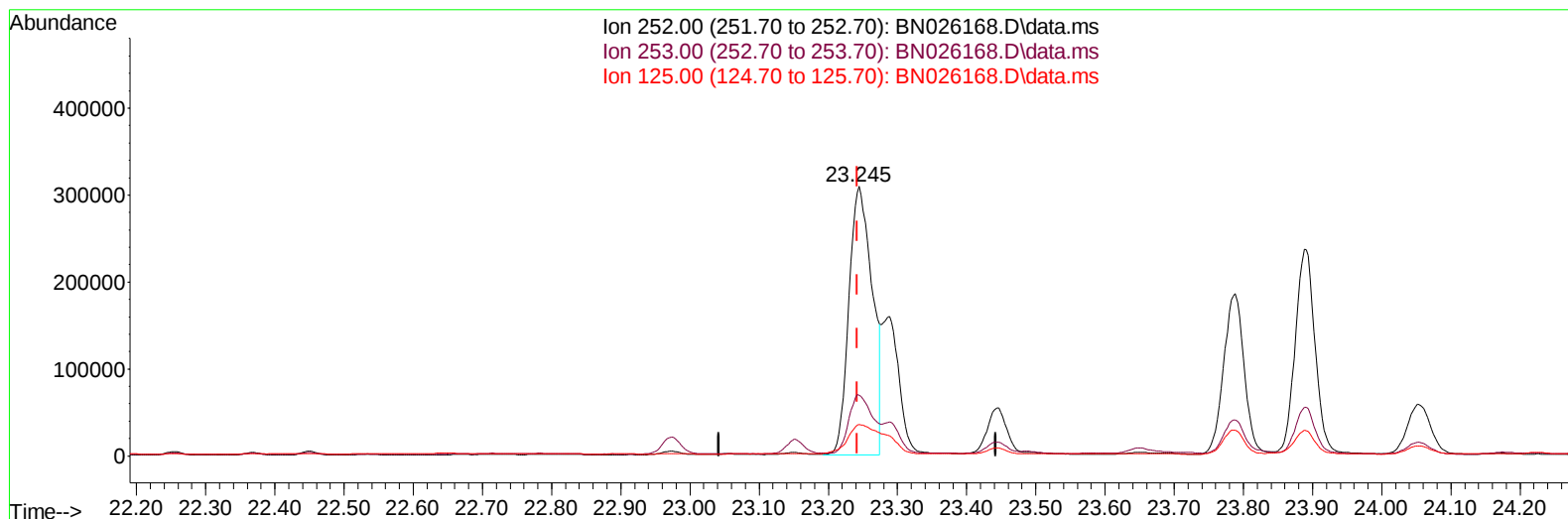
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TIC: BN026168.D\data.ms

**(24) Benzo(b)fluoranthene**

23.245min (+ 0.002) 9.58 ng/u1 m

response 724748

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 22.61  |
| 125.00 | 17.90  | 11.68  |
| 0.00   | 0.00   | 0.00   |

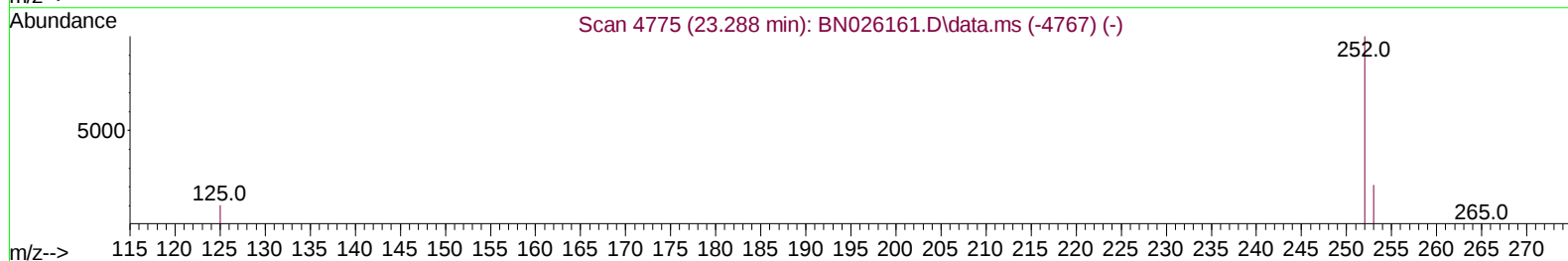
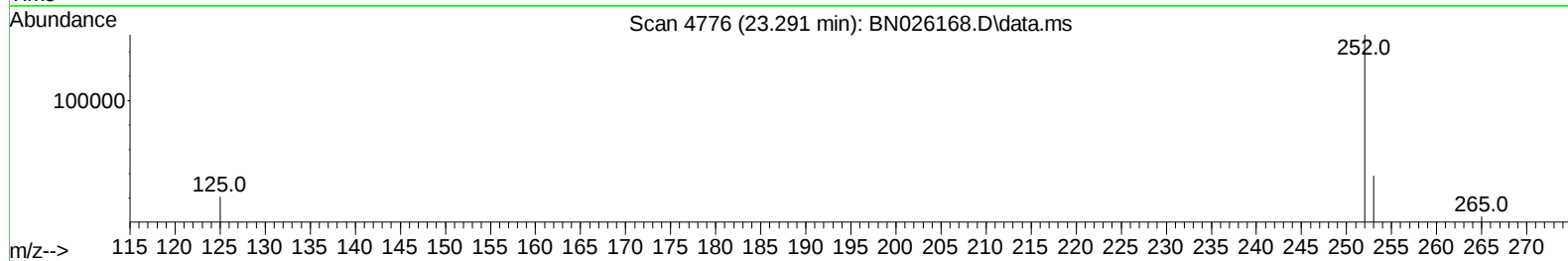
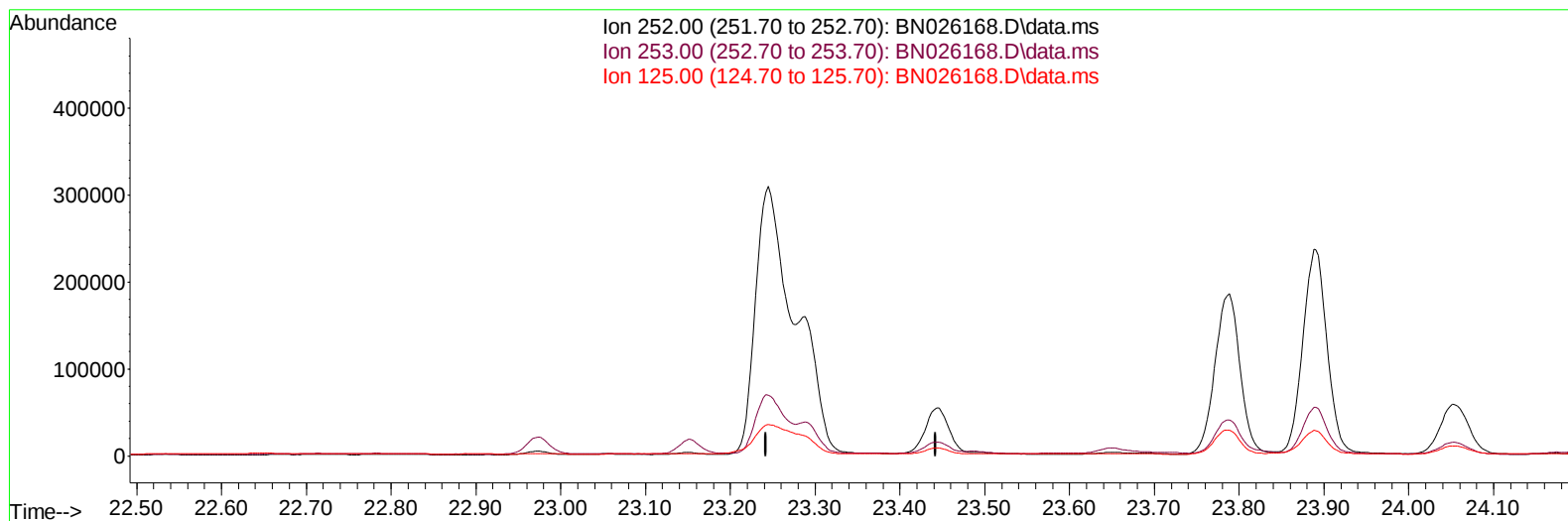
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 Operator : MA/JU  
 Sample : 03245-09  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN026168.D\data.ms

(25) Benzo(k)fluoranthene

23.292min (-23.292) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 29.00  | 0.00# |
| 125.00 | 18.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

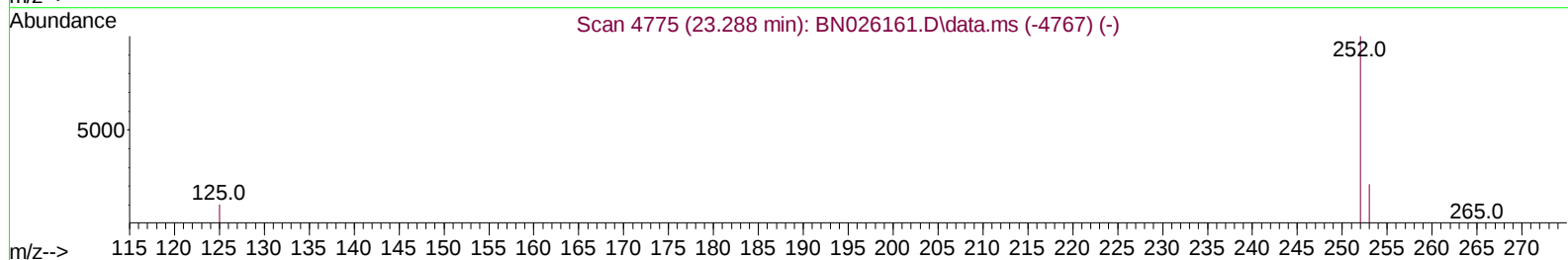
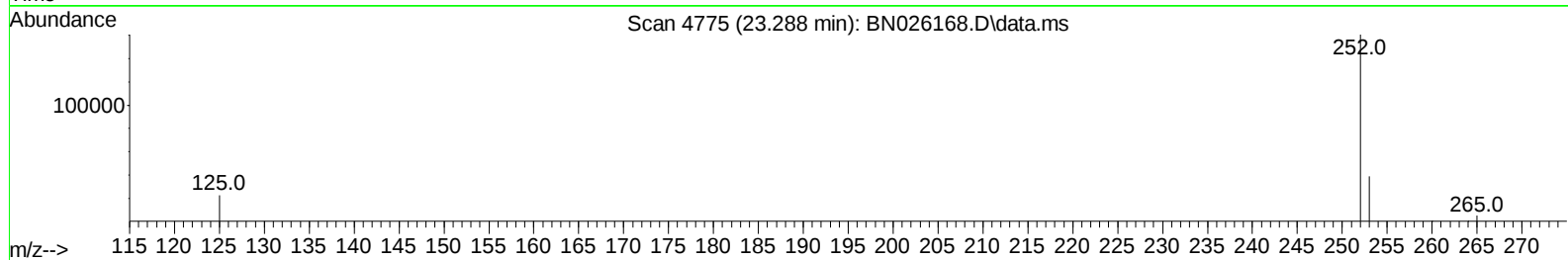
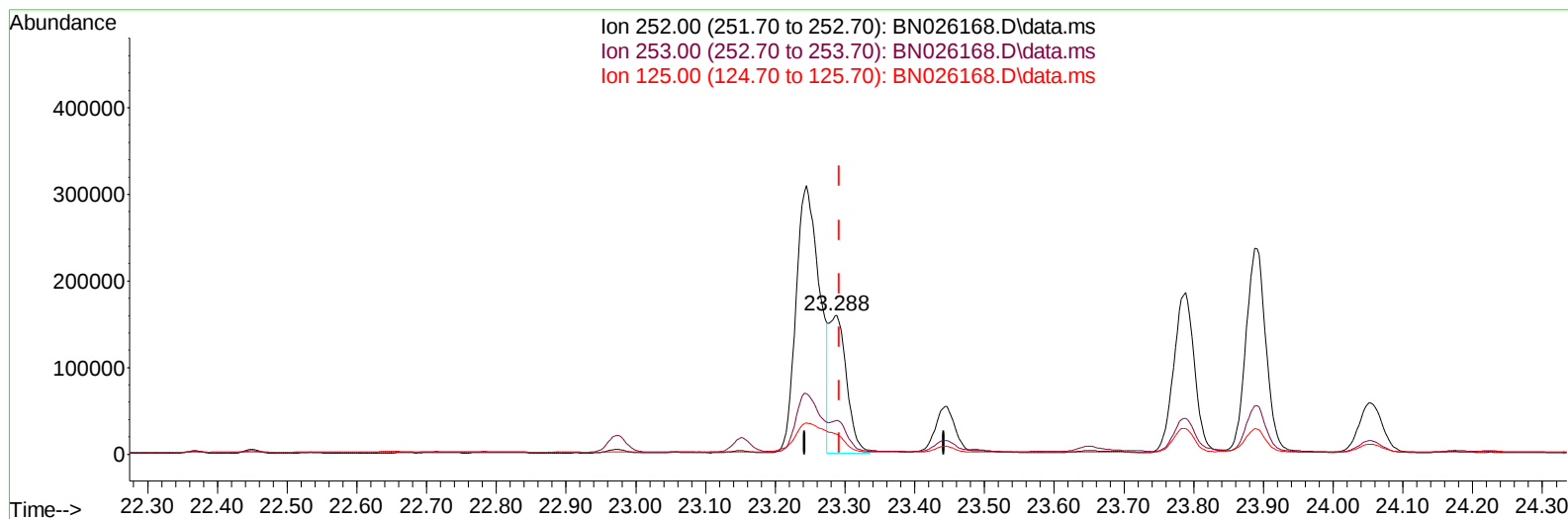
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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN026168.D\data.ms

(25) Benzo(k)fluoranthene

23.288min (-0.004) 3.68 ng/u1 m

response 279909

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 24.29  |
| 125.00 | 18.70  | 14.22# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026168.D  
 Acq On : 02 Jul 2023 01:47  
 Operator : MA/JU  
 Sample : 03245-09  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.959  | 152  | 8247     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.765 | 136  | 26649    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.598 | 164  | 16282    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.347 | 188  | 33960    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.532 | 240  | 19756    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.996 | 264  | 17727    | 0.400  | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.318  | 96   | 18920    | 2.037  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.359 | 152  | 5845     | 0.143  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.373 | 212  | 12399    | 0.165  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.820 | 128  | 70952    | 0.929  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.431 | 142  | 13528    | 0.278  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.645 | 142  | 8668     | 0.172  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.320 | 152  | 71794    | 0.942  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.663 | 153  | 11881    | 0.190  | ng/ul  | 99       |
| 12) Fluorene                | 15.648 | 166  | 14707    | 0.206  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.385 | 178  | 459781   | 4.099  | ng/ul  | 99       |
| 16) Anthracene              | 17.478 | 178  | 84171    | 0.844  | ng/ul  | 100      |
| 19) Fluoranthene            | 19.400 | 202  | 1287713  | 12.203 | ng/ul  | 99       |
| 20) Pyrene                  | 19.763 | 202  | 1076378  | 9.807  | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.514 | 228  | 505878   | 6.207  | ng/ul  | 98       |
| 22) Chrysene                | 21.570 | 228  | 537457   | 6.338  | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.245 | 252  | 724748m  | 9.579  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.288 | 252  | 279909m  | 3.684  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.888 | 252  | 470398   | 7.158  | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.574 | 276  | 371737   | 5.179  | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 26.578 | 278  | 88573    | 1.630  | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.369 | 276  | 359769   | 5.634  | ng/ul  | 93       |
| -----                       |        |      |          |        |        |          |

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

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