

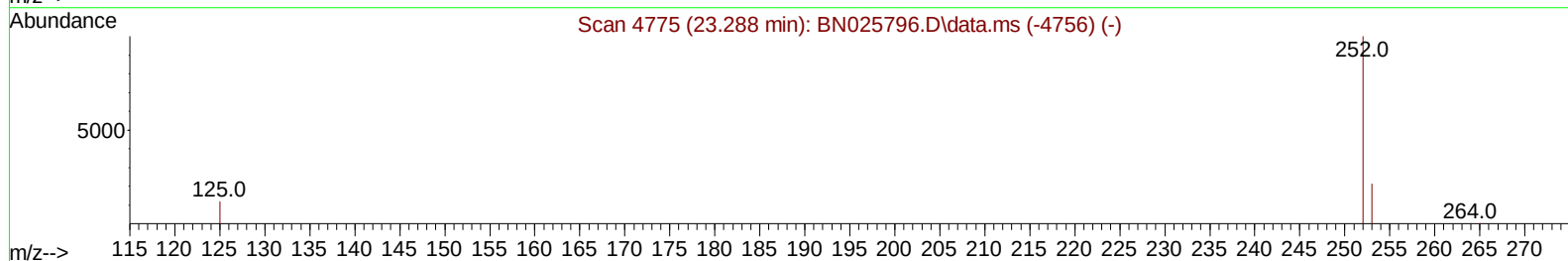
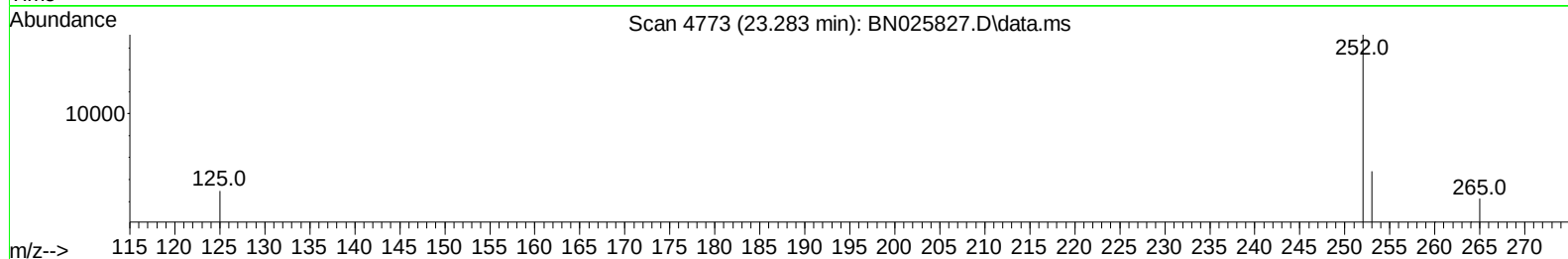
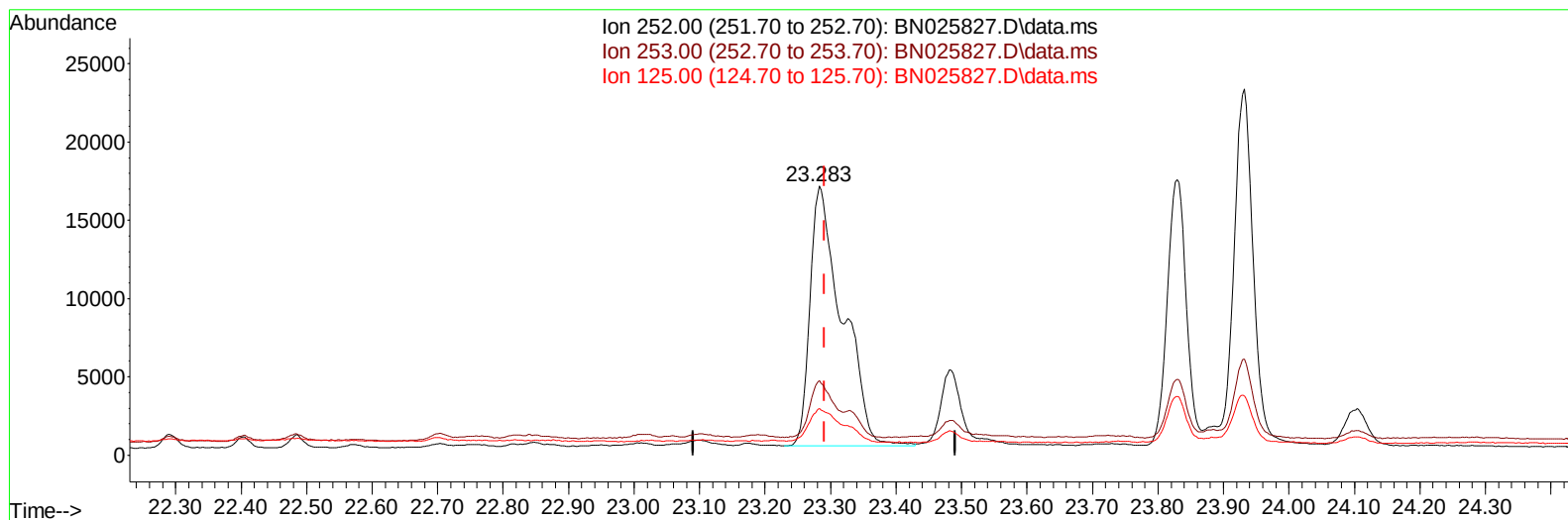
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
Data File : BN025827.D  
Acq On : 14 Jun 2023 04:12  
Operator : MA/JU  
Sample : 02950-21  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW997

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 14 04:51:58 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN060923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jun 10 02:01:49 2023  
Response via : Initial Calibration



TIC: BN025827.D\data.ms

## (24) Benzo(b)fluoranthene

23.283min (-0.008) 0.80 ng/u1

response 56794

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 27.63  |
| 125.00 | 14.00  | 17.27  |
| 0.00   | 0.00   | 0.00   |

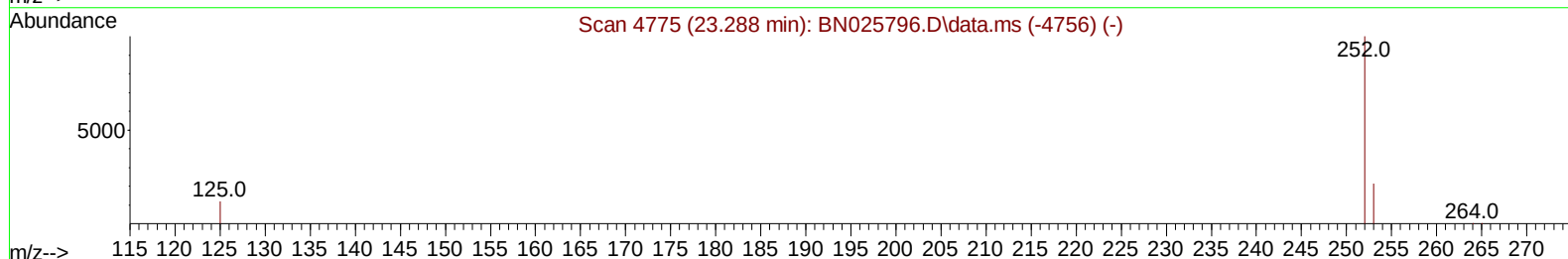
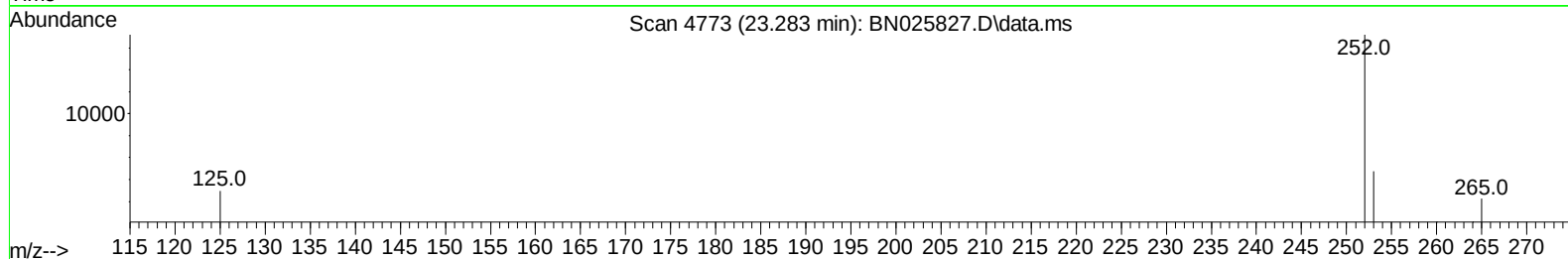
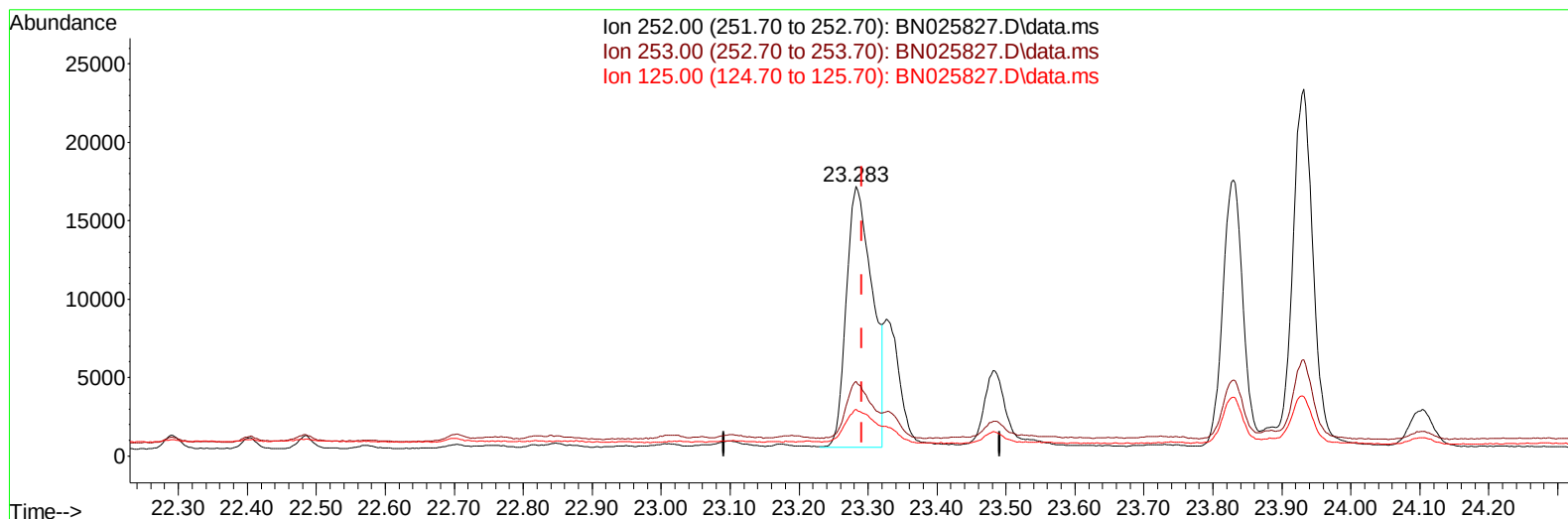
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TIC: BN025827.D\data.ms

## (24) Benzo(b)fluoranthene

23.283min (-0.008) 0.62 ng/ul m

response 43783

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 27.63  |
| 125.00 | 14.00  | 17.27  |
| 0.00   | 0.00   | 0.00   |

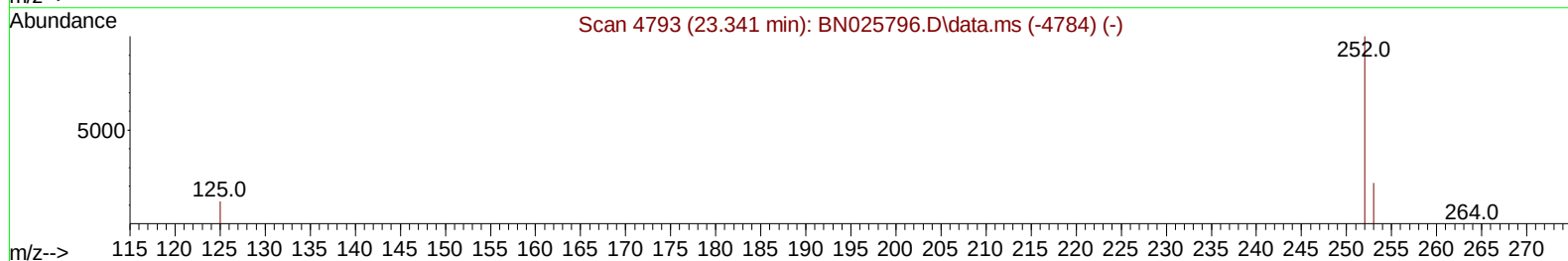
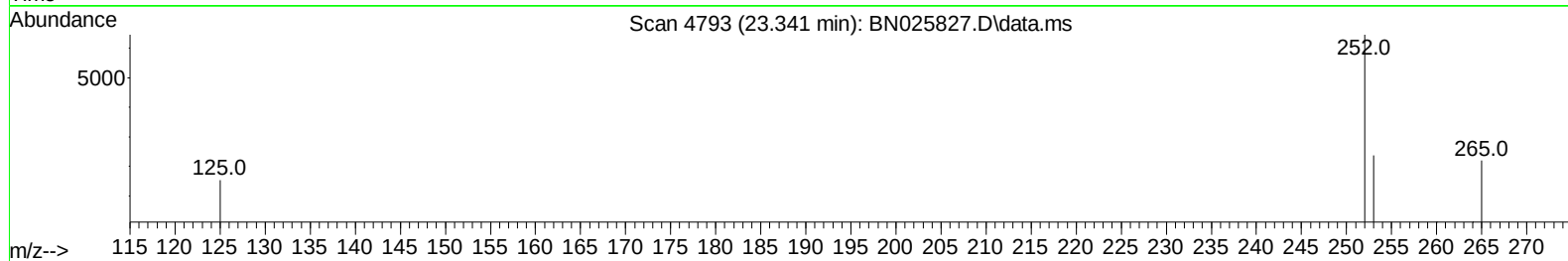
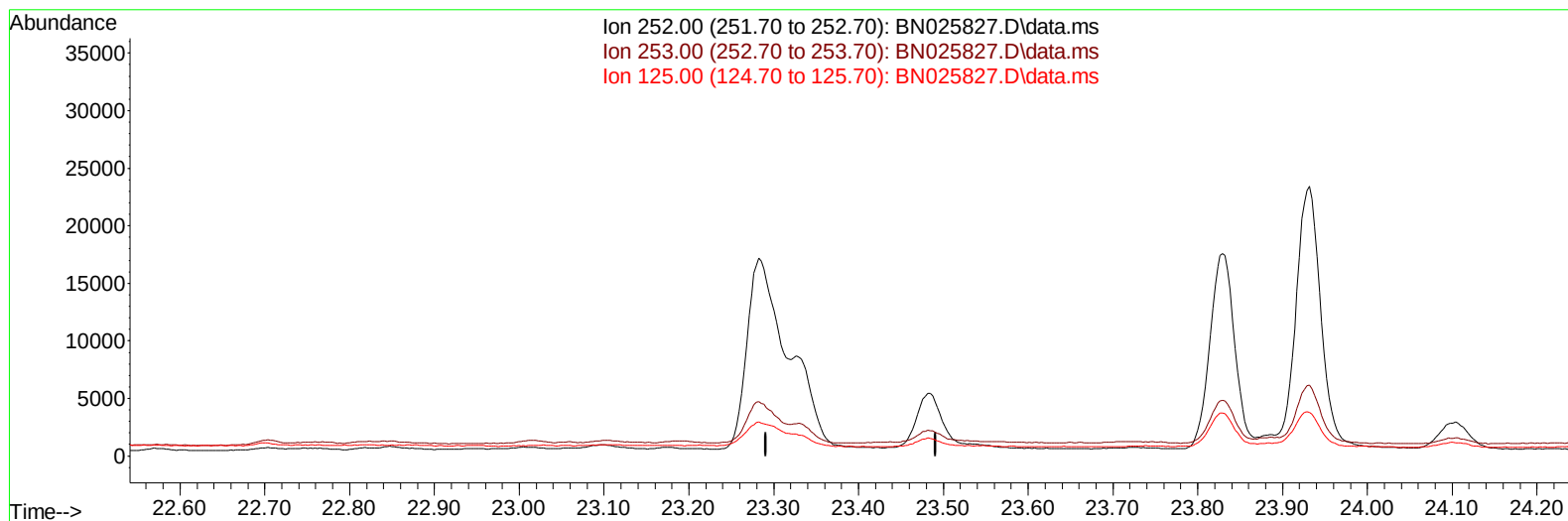
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061323\  
Data File : BN025827.D  
Acq On : 14 Jun 2023 04:12  
Operator : MA/JU  
Sample : 02950-21  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW997

Manual IntegrationsAPPROVED

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TIC: BN025827.D\data.ms

(25) Benzo(k)fluoranthene

23.341min (-23.341) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 29.10  | 0.00# |
| 125.00 | 14.50  | 0.00# |
| 0.00   | 0.00   | 0.00  |

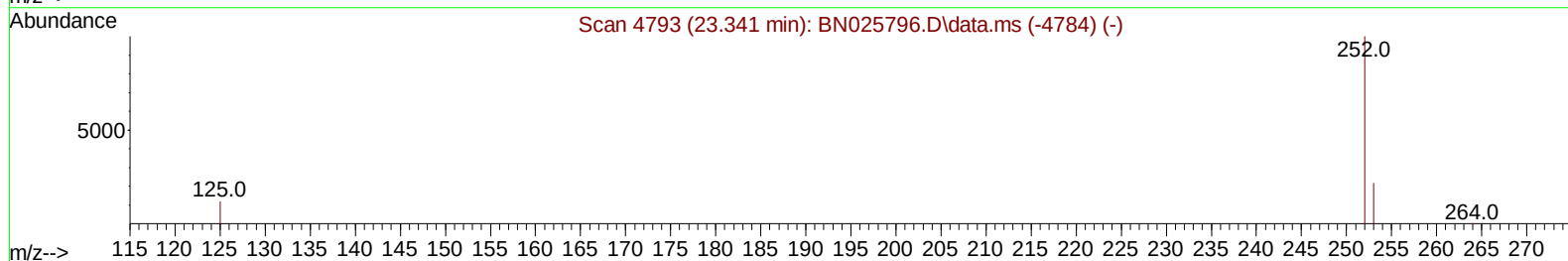
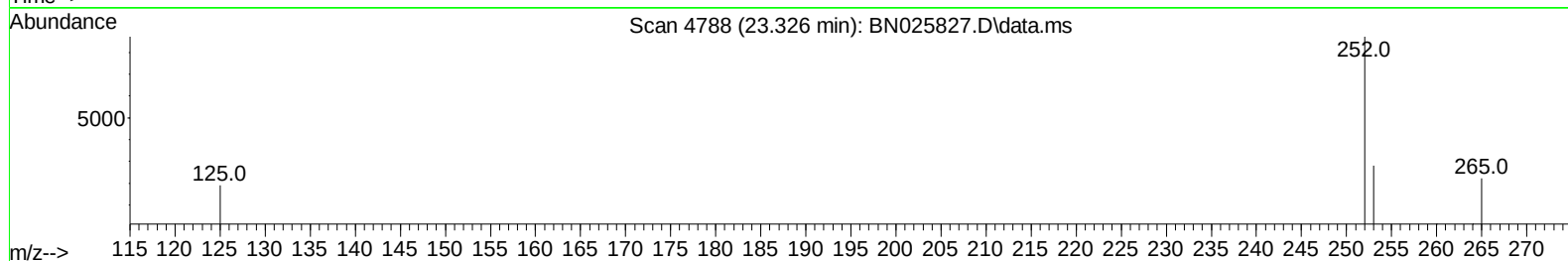
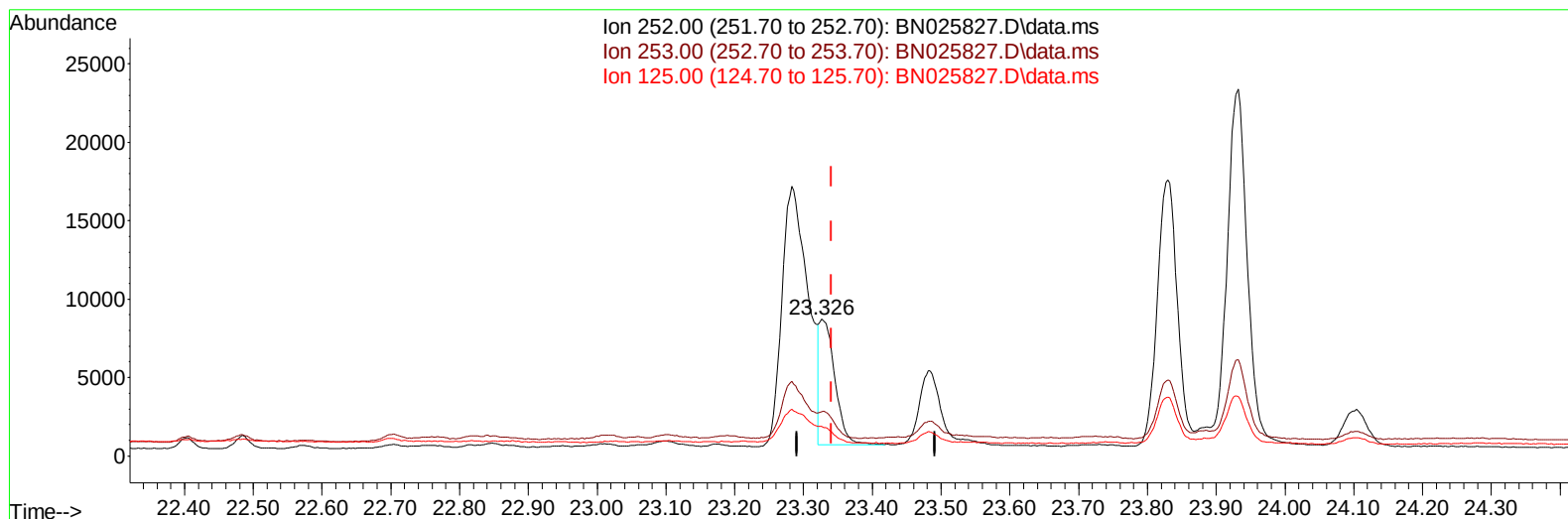
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 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN025827.D\data.ms

(25) Benzo(k)fluoranthene

23.326min (-0.015) 0.18 ng/ul m

response 12654

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.10  | 32.22  |
| 125.00 | 14.50  | 21.82# |
| 0.00   | 0.00   | 0.00   |

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 Sample : 02950-21  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.001  | 152  | 9888     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.814 | 136  | 30288    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.635 | 164  | 17554    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.381 | 188  | 34323    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.561 | 240  | 18332    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.043 | 264  | 17367    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.352  | 96   | 16421    | 1.689 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.398 | 152  | 4369     | 0.114 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.405 | 212  | 8255     | 0.143 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.864 | 128  | 3712     | 0.048 | ng/ul# | 89       |
| 7) 2-Methylnaphthalene      | 12.475 | 142  | 1956     | 0.042 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.689 | 142  | 5731     | 0.112 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.357 | 152  | 13118    | 0.189 | ng/ul# | 93       |
| 11) Acenaphthene            | 14.700 | 153  | 15577    | 0.269 | ng/ul  | 99       |
| 12) Fluorene                | 15.680 | 166  | 15322    | 0.238 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.423 | 178  | 50028    | 0.500 | ng/ul  | 98       |
| 16) Anthracene              | 17.511 | 178  | 25098    | 0.297 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.433 | 202  | 85075    | 1.015 | ng/ul  | 98       |
| 20) Pyrene                  | 19.796 | 202  | 128524   | 1.481 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.544 | 228  | 52876    | 0.905 | ng/ul  | 94       |
| 22) Chrysene                | 21.599 | 228  | 63524    | 0.950 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.283 | 252  | 43783m   | 0.616 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.326 | 252  | 12654m   | 0.178 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.932 | 252  | 46493    | 0.772 | ng/ul  | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.638 | 276  | 20920    | 0.305 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.648 | 278  | 6081     | 0.117 | ng/ul# | 76       |
| 29) Benzo(g,h,i)perylene    | 27.433 | 276  | 22657    | 0.368 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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