

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101322\  
 Data File : BM037040.D  
 Acq On : 14 Oct 2022 05:26  
 Operator : CG/JU  
 Sample : N5025-07  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

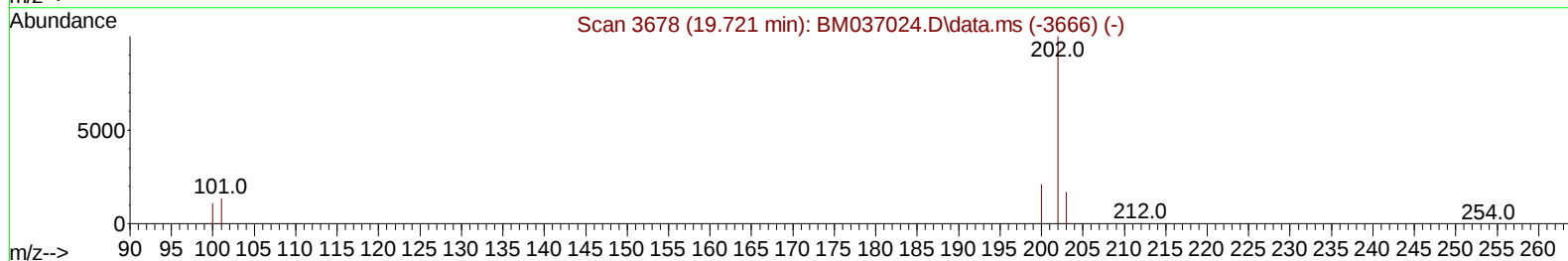
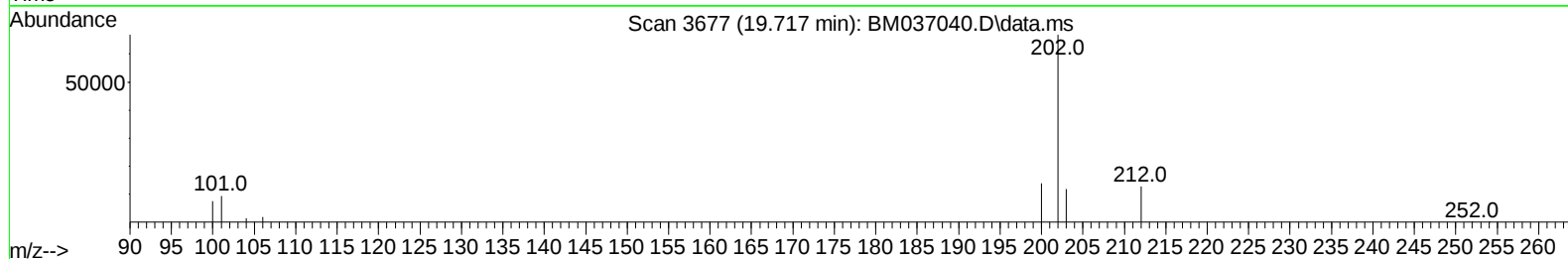
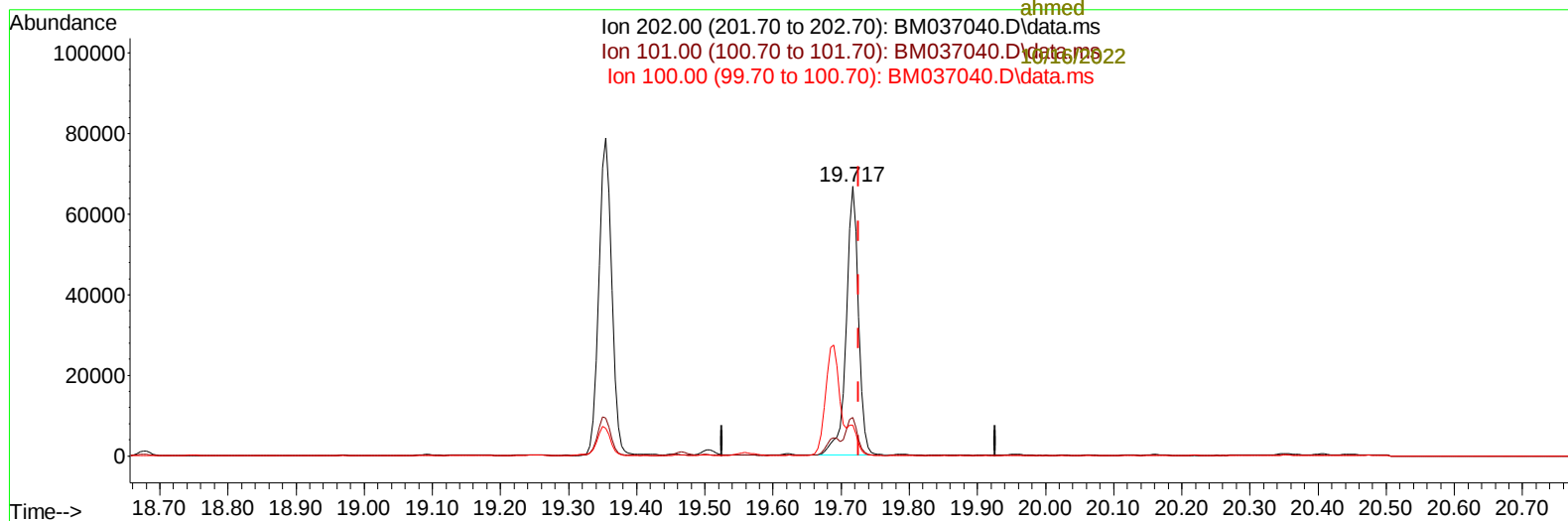
Instrument :  
 BNA\_M  
 ClientSampleId :  
 COBE0

Manual IntegrationsAPPROVED

Quant Time: Oct 14 05:59:01 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 11 09:03:52 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut  
 Upadhyay

10/14/2022  
 Supervised By :mohammad  
 ahmed



TIC: BM037040.D\data.ms

(20) Pyrene

19.717min (-0.009) 1.20 ng/u1

response 85660

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00  | 14.18  |
| 100.00 | 12.20  | 11.46  |
| 0.00   | 0.00   | 0.00   |

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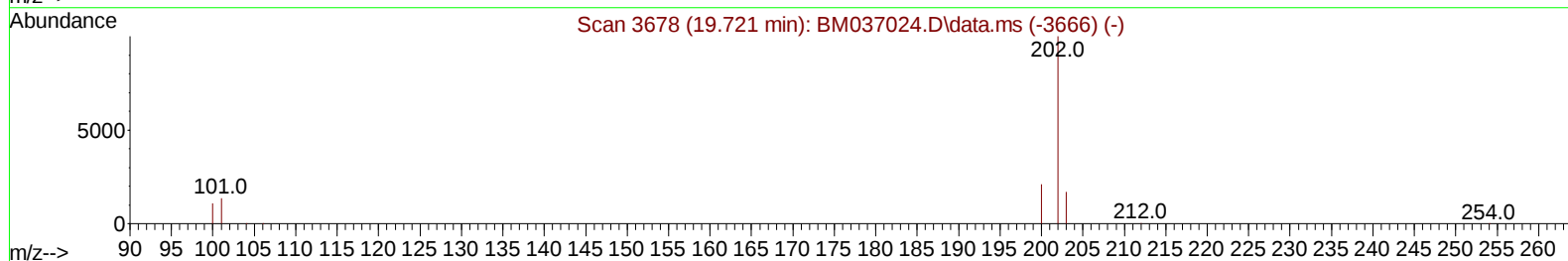
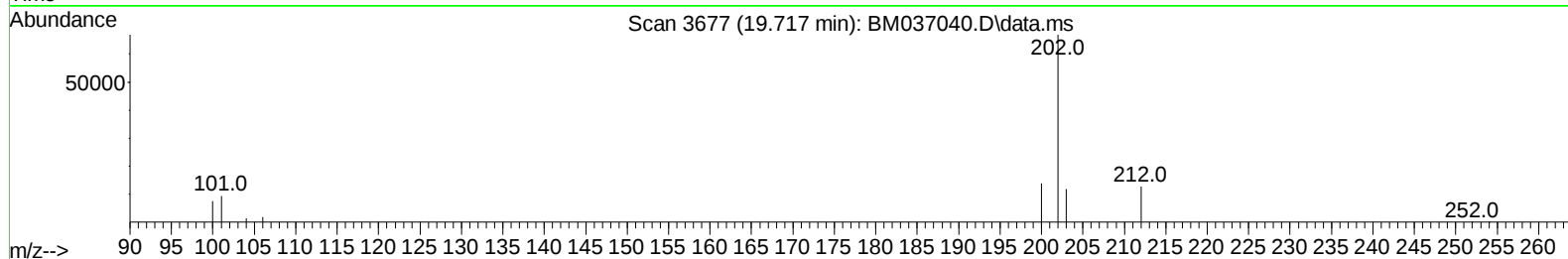
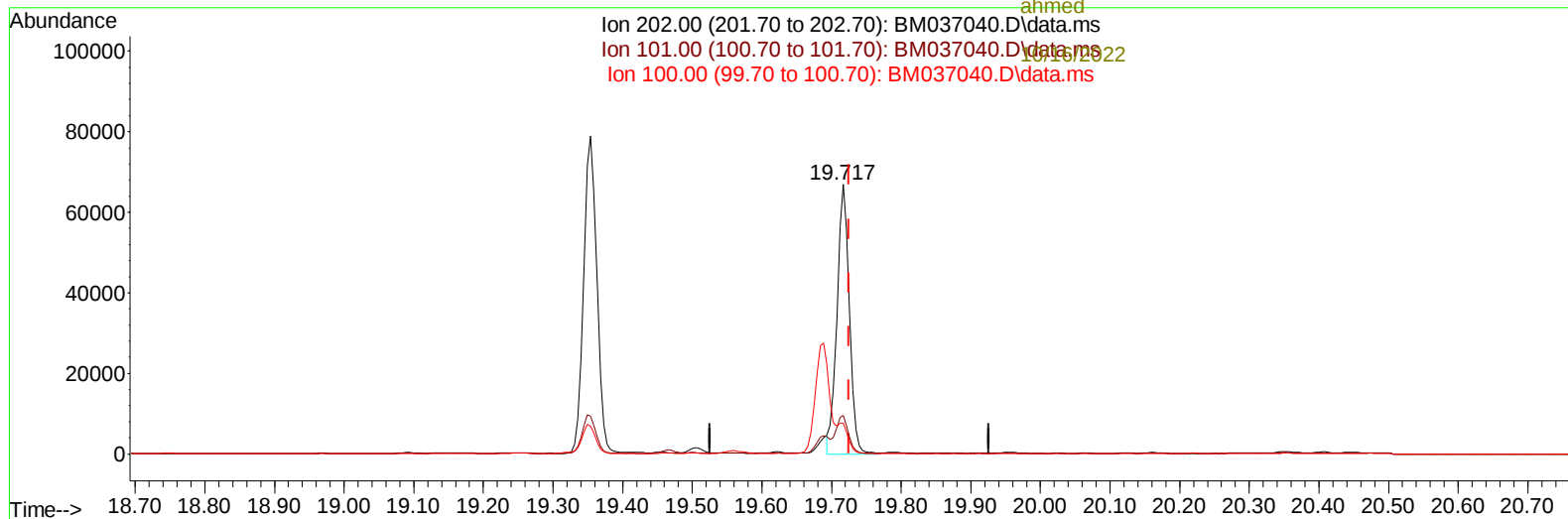
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TIC: BM037040.D\data.ms

(20) Pyrene

19.717min (-0.009) 1.16 ng/ul m

response 82525

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00  | 14.18  |
| 100.00 | 12.20  | 11.46  |
| 0.00   | 0.00   | 0.00   |

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Instrument :  
 BNA\_M  
 ClientSampleId :  
 COBE0

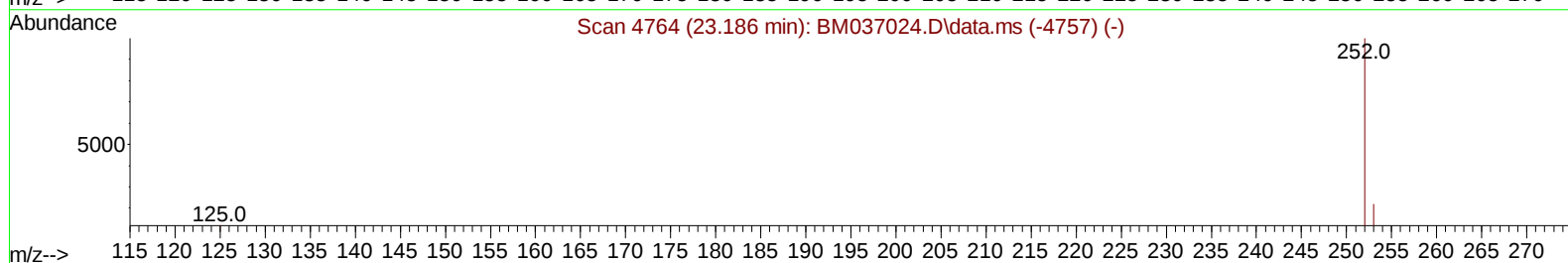
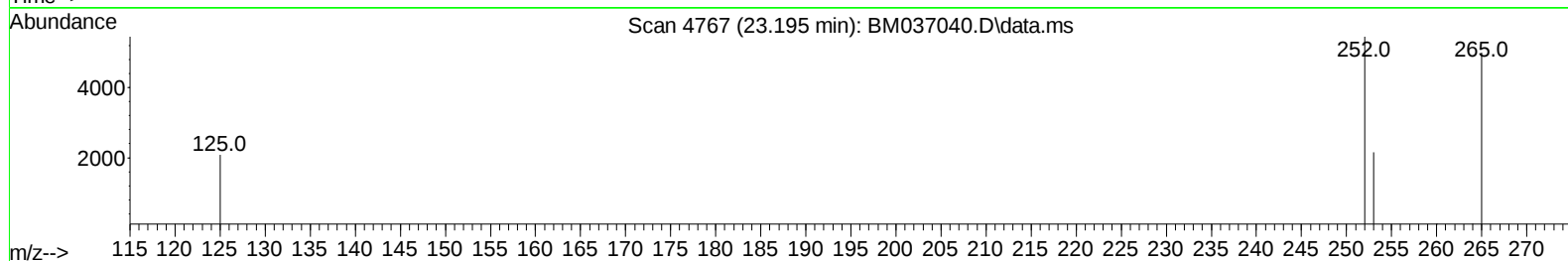
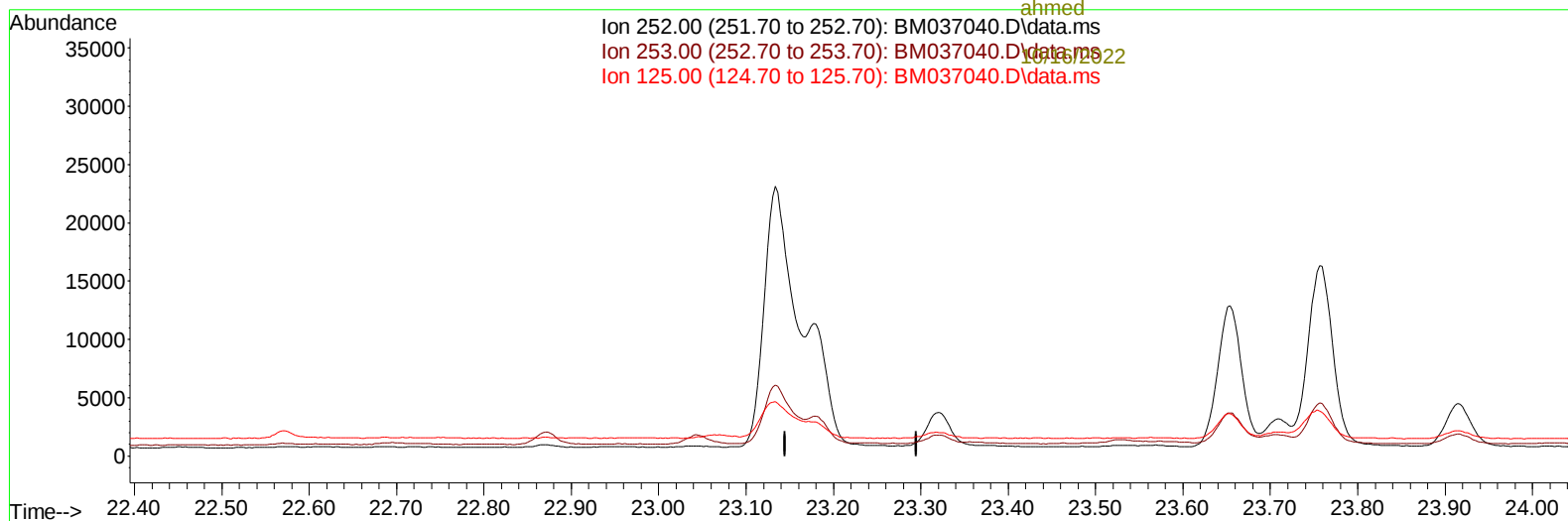
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Ion 252.00 (251.70 to 252.70): BM037040.D\data.ms  
 Ion 253.00 (252.70 to 253.70): BM037040.D\data.ms  
 Ion 125.00 (124.70 to 125.70): BM037040.D\data.ms



TIC: BM037040.D\data.ms

(25) Benzo(k)fluoranthene

23.195min (-23.195) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 31.50  | 0.00# |
| 125.00 | 22.90  | 0.00# |
| 0.00   | 0.00   | 0.00  |

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 ClientSampleId :  
 COBE0

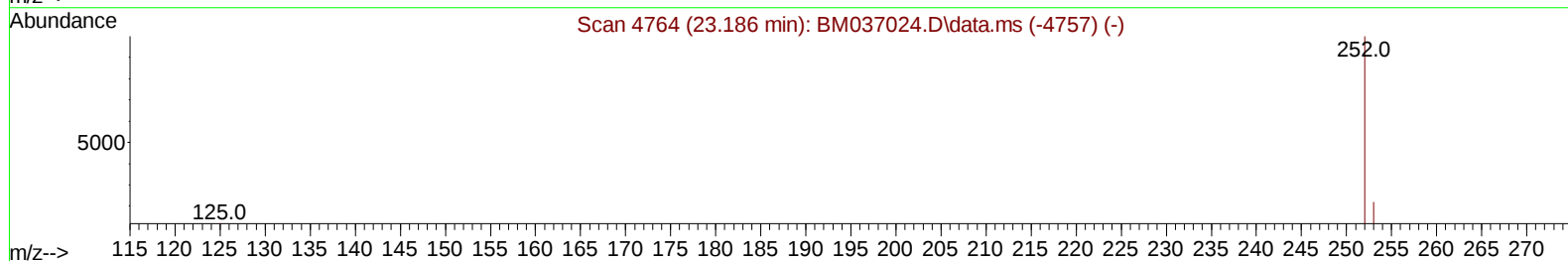
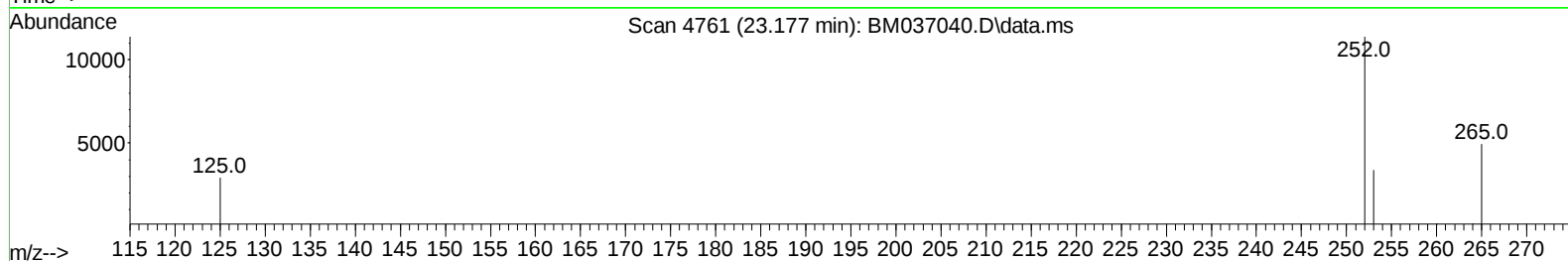
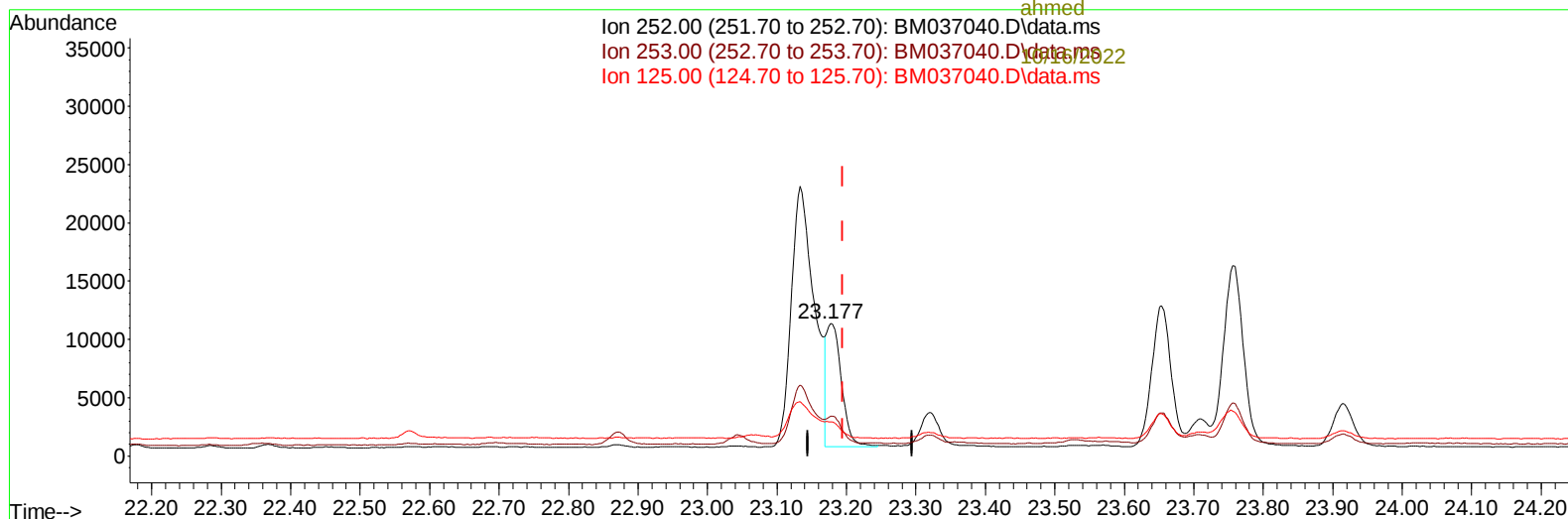
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Ion 252.00 (251.70 to 252.70): BM037040.D\data.ms  
 Ion 253.00 (252.70 to 253.70): BM037040.D\data.ms  
 Ion 125.00 (124.70 to 125.70): BM037040.D\data.ms



TIC: BM037040.D\data.ms

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

23.177min (-0.018) 0.27 ng/u1 m

response 15807

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.50  | 29.72  |
| 125.00 | 22.90  | 25.57  |
| 0.00   | 0.00   | 0.00   |

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 Sample : N5025-07  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BE0

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----10/16/2022             |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.938  | 152  | 6604     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.737 | 136  | 24005    | 0.400 | ng/ul  | #-0.02   |
| 9) Acenaphthene-d10         | 14.566 | 164  | 13214    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.300 | 188  | 26017    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.473 | 240  | 17202    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.864 | 264  | 13687    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.339  | 96   | 49649    | 5.331 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.321 | 152  | 11605    | 0.320 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.322 | 212  | 22062    | 0.429 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.787 | 128  | 21030    | 0.306 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.398 | 142  | 11425    | 0.272 | ng/ul  | 92       |
| 8) 1-Methylnaphthalene      | 12.613 | 142  | 9229     | 0.216 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.283 | 152  | 3336     | 0.061 | ng/ul# | 86       |
| 11) Acenaphthene            | 14.626 | 153  | 1632     | 0.034 | ng/ul  | 96       |
| 12) Fluorene                | 15.611 | 166  | 1906     | 0.035 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.343 | 178  | 52738    | 0.635 | ng/ul  | 99       |
| 16) Anthracene              | 17.436 | 178  | 10570    | 0.152 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.354 | 202  | 103334   | 1.510 | ng/ul  | 98       |
| 20) Pyrene                  | 19.717 | 202  | 82525m   | 1.157 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.456 | 228  | 39458    | 0.635 | ng/ul  | 99       |
| 22) Chrysene                | 21.508 | 228  | 42403    | 0.635 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.133 | 252  | 51182    | 0.837 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.177 | 252  | 15807m   | 0.265 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.756 | 252  | 30929    | 0.623 | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.339 | 276  | 21262    | 0.303 | ng/ul  | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.349 | 278  | 5537     | 0.097 | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 27.104 | 276  | 16962    | 0.274 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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