

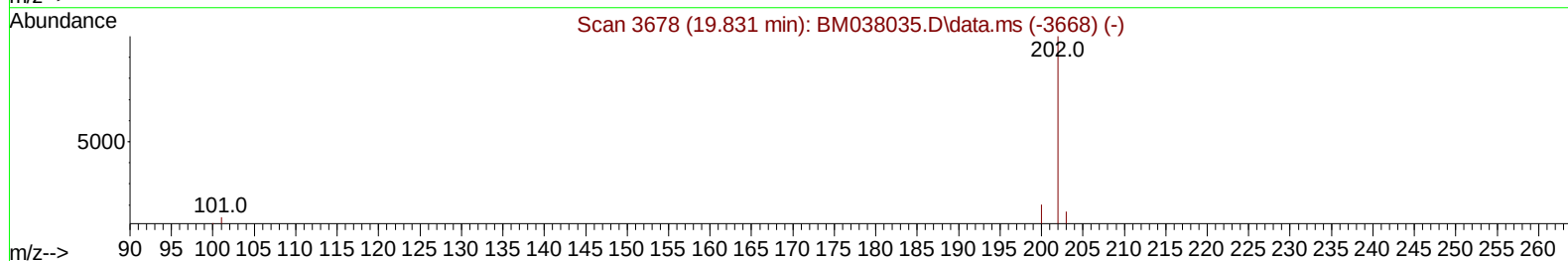
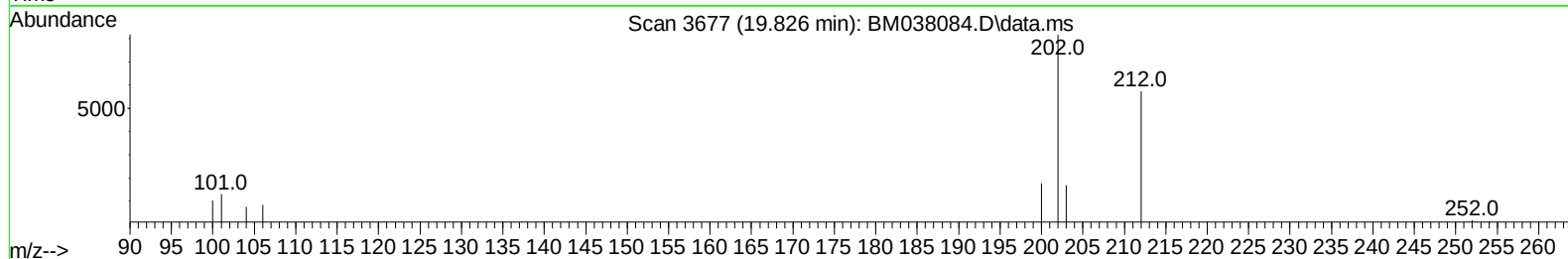
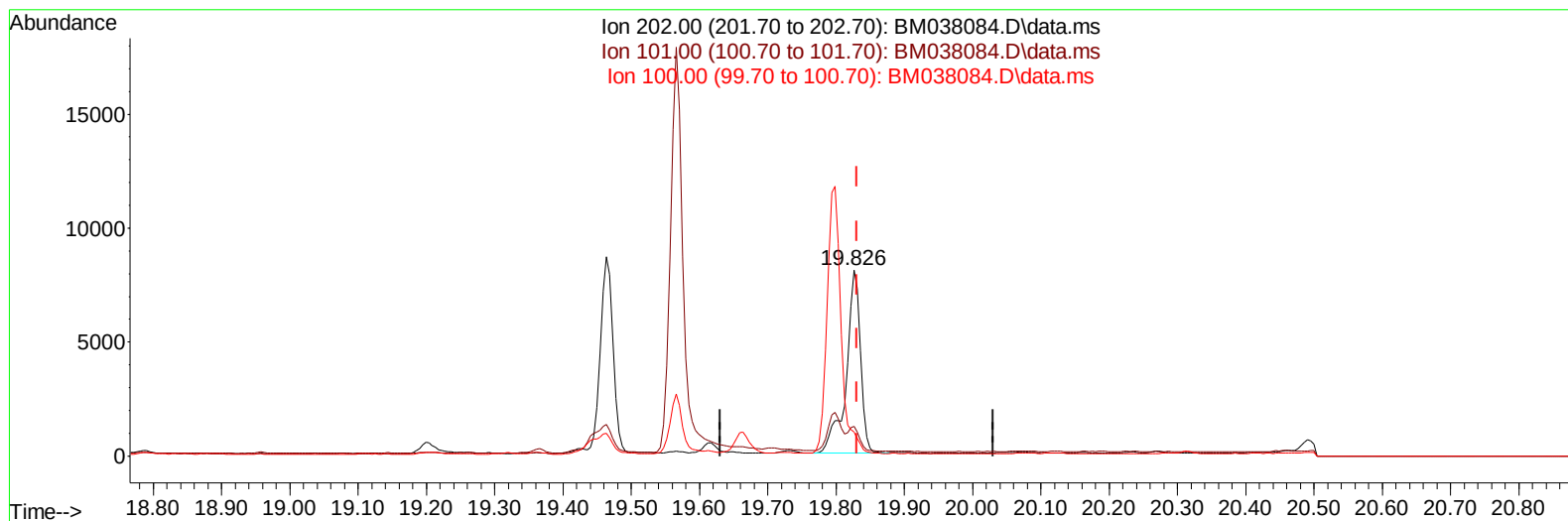
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121522\  
 Data File : BM038084.D  
 Acq On : 17 Dec 2022 01:40  
 Operator : CG/JU  
 Sample : N5925-23  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYE5

Manual IntegrationsAPPROVED

Quant Time: Dec 17 03:43:27 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 15 21:53:17 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/19/2022  
 Supervised By :mohammad ahmed 12/19/2022



TIC: BM038084.D\data.ms

(20) Pyrene

19.826min (-0.005) 0.15 ng/u1

response 11742

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10  | 16.07  |
| 100.00 | 12.20  | 12.69  |
| 0.00   | 0.00   | 0.00   |

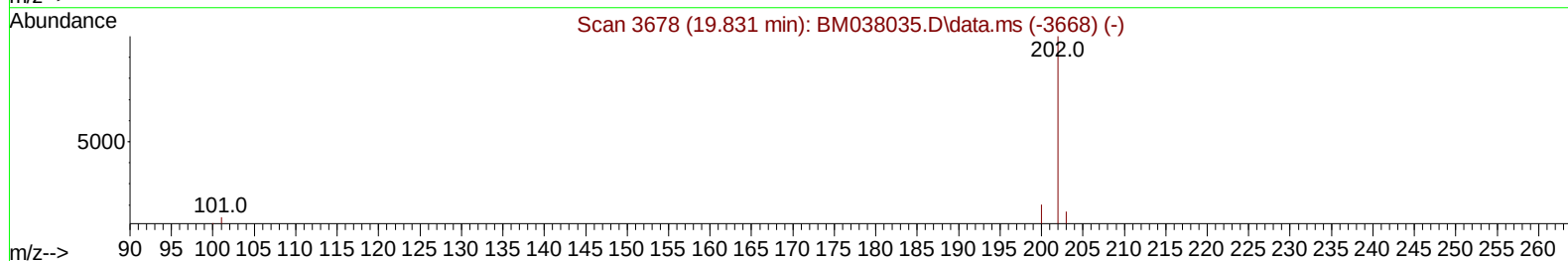
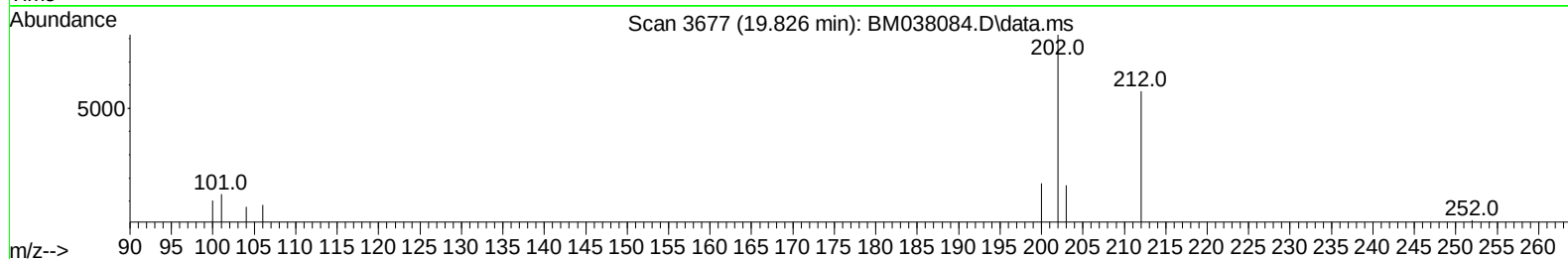
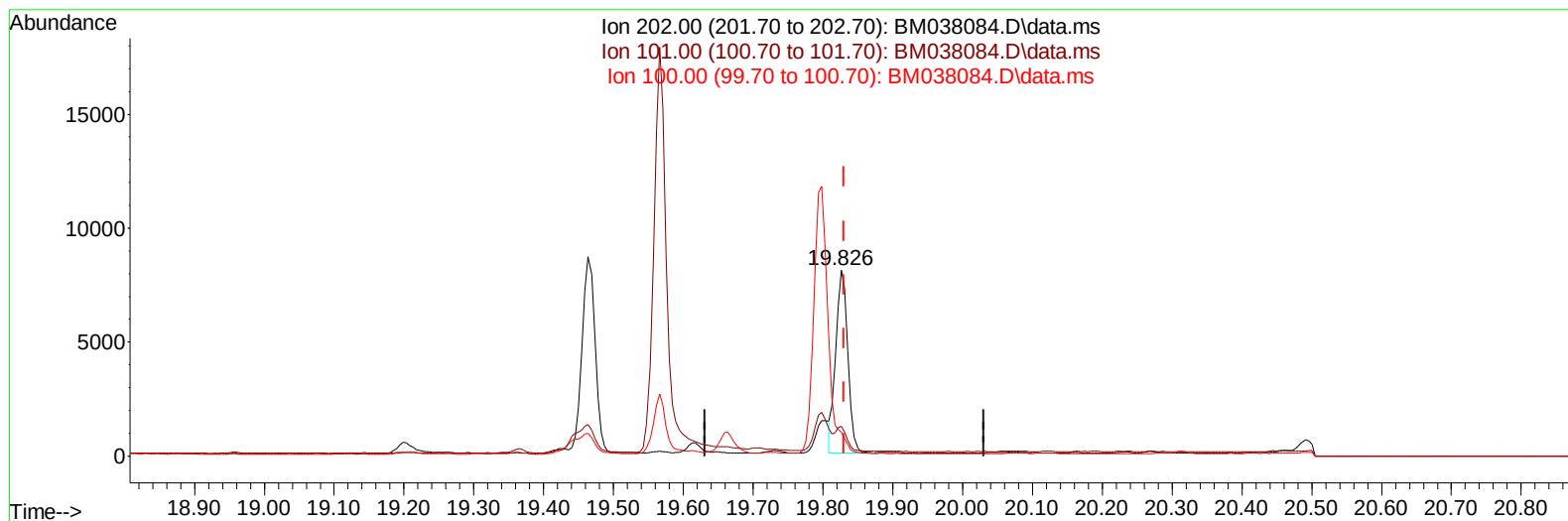
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TIC: BM038084.D\data.ms

(20) Pyrene

19.826min (-0.005) 0.13 ng/ul m

response 9888

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10  | 16.07  |
| 100.00 | 12.20  | 12.69  |
| 0.00   | 0.00   | 0.00   |

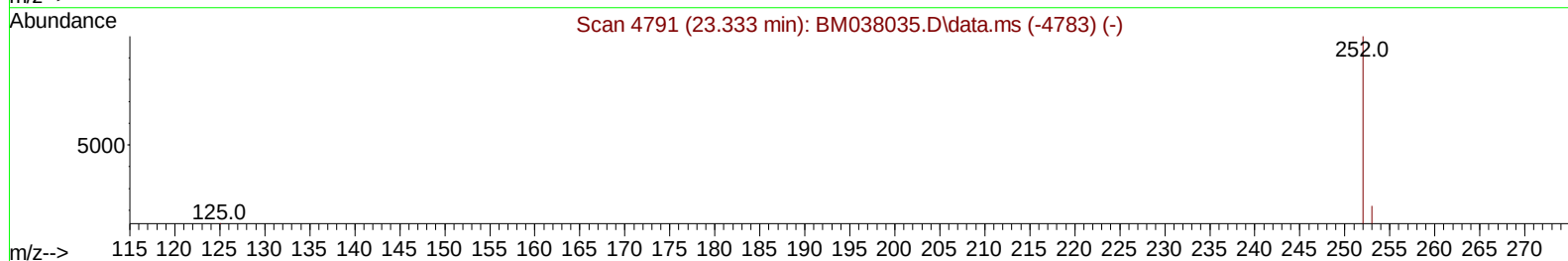
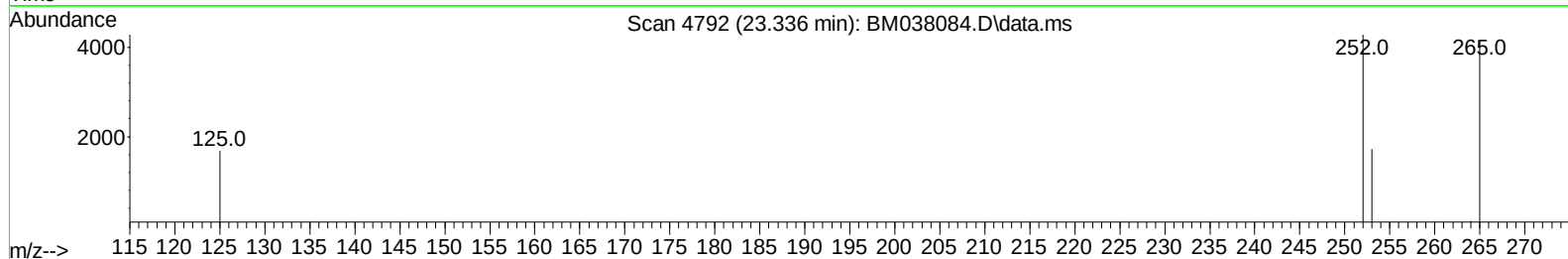
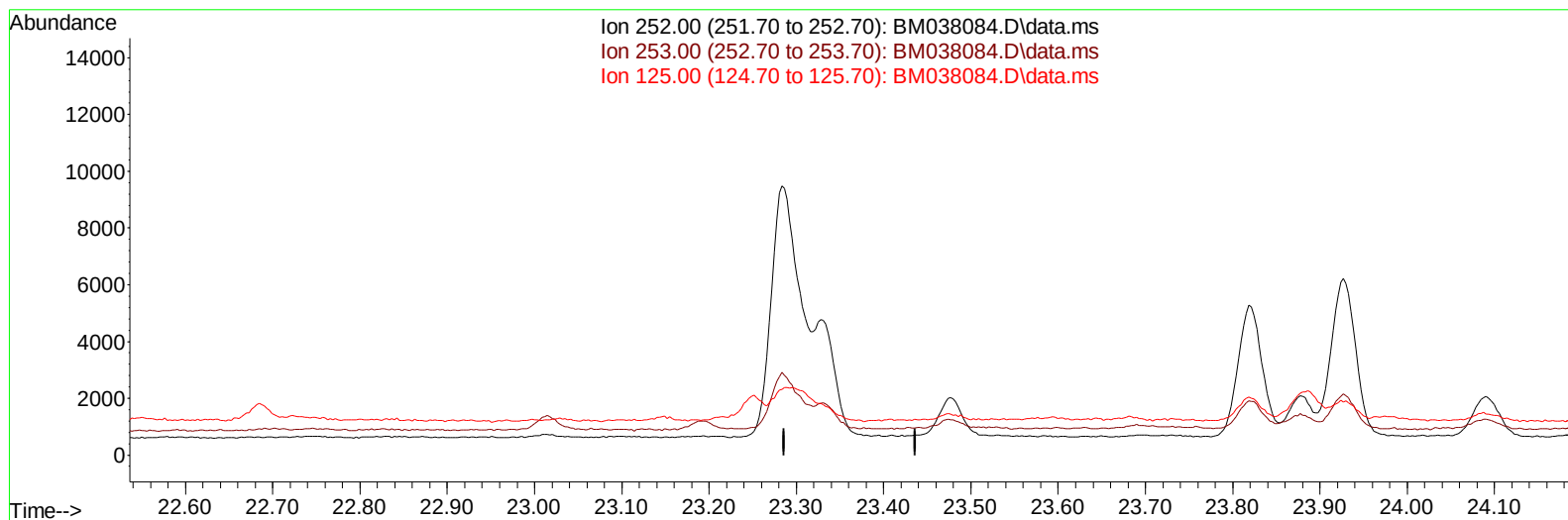
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Data File : BM038084.D  
Acq On : 17 Dec 2022 01:40  
Operator : CG/JU  
Sample : N5925-23  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBYE5

Manual IntegrationsAPPROVED

Quant Time: Dec 17 03:43:27 2022  
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TIC: BM038084.D\data.ms

(25) Benzo(k)fluoranthene

23.336min (-23.336) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.00  | 0.00# |
| 125.00 | 21.40  | 0.00# |
| 0.00   | 0.00   | 0.00  |

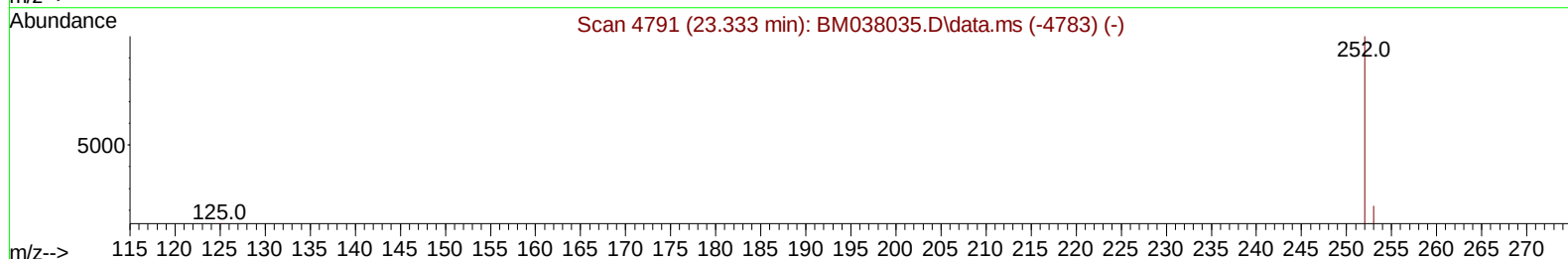
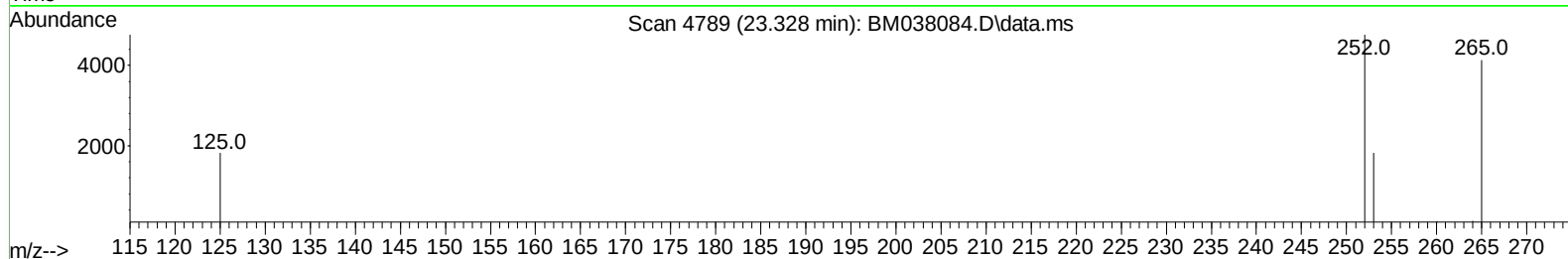
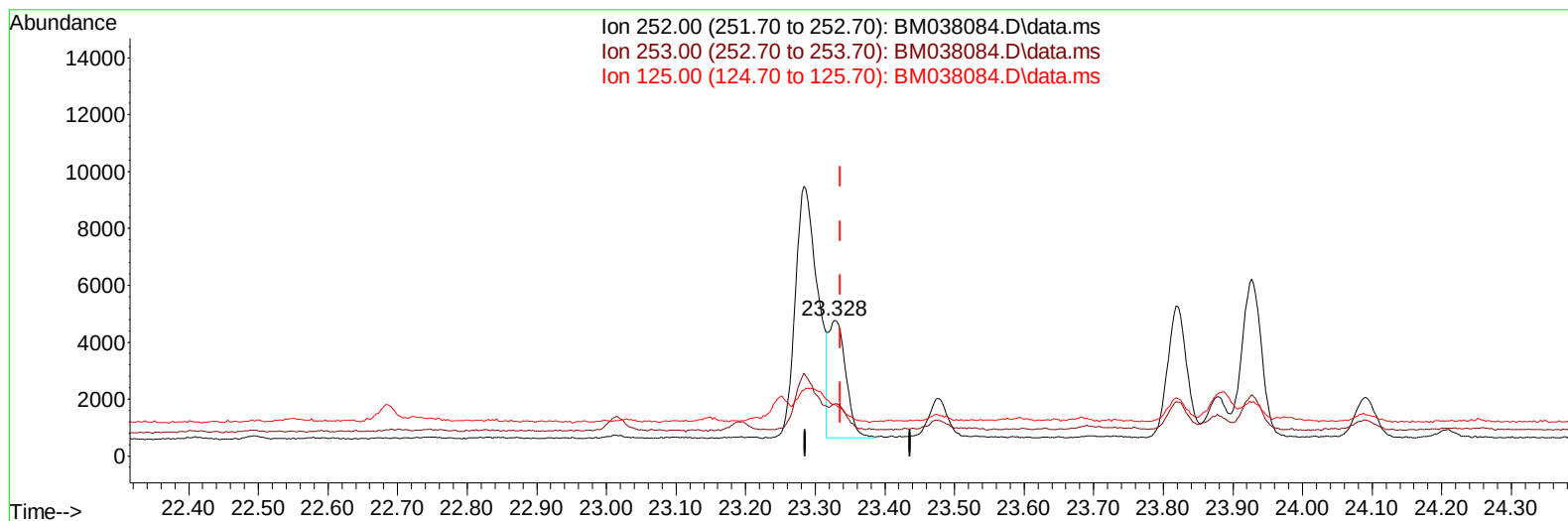
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 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Dec 17 03:43:27 2022  
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TIC: BM038084.D\data.ms

(25) Benzo(k)fluoranthene

23.328min (-0.009) 0.11 ng/ul m

response 7037

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 38.32# |
| 125.00 | 21.40  | 38.09# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121522\  
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 Operator : CG/JU  
 Sample : N5925-23  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYE5

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/19/2022

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.055  | 152 |     | 5126     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.867 | 136 |     | 16308    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.680 | 164 |     | 9677     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.417 | 188 |     | 20229    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.583 | 240 |     | 14836    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.035 | 264 |     | 13872    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96  |     | 20531    | 2.930 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.451 | 152 |     | 5537     | 0.233 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.436 | 212 |     | 11930    | 0.222 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 10) Acenaphthylene          | 14.402 | 152 |     | 1998     | 0.039 | ng/ul# | 83       |
| 14) Pentachlorophenol       | 17.071 | 266 |     | 419      | 0.050 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.460 | 178 |     | 3909     | 0.057 | ng/ul# | 90       |
| 16) Anthracene              | 17.548 | 178 |     | 1977     | 0.031 | ng/ul# | 80       |
| 19) Fluoranthene            | 19.464 | 202 |     | 11046    | 0.144 | ng/ul  | 95       |
| 20) Pyrene                  | 19.826 | 202 |     | 9888m    | 0.126 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.565 | 228 |     | 8568     | 0.134 | ng/ul# | 91       |
| 22) Chrysene                | 21.621 | 228 |     | 11423    | 0.177 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.284 | 252 |     | 19874    | 0.302 | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 23.328 | 252 |     | 7037m    | 0.111 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.927 | 252 |     | 10982    | 0.198 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.602 | 276 |     | 8507     | 0.122 | ng/ul# | 80       |
| 28) Dibenzo(a,h)anthracene  | 26.609 | 278 |     | 2342     | 0.043 | ng/ul# | 38       |
| 29) Benzo(g,h,i)perylene    | 27.397 | 276 |     | 6050     | 0.102 | ng/ul# | 88       |
| -----                       |        |     |     |          |       |        |          |

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

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