

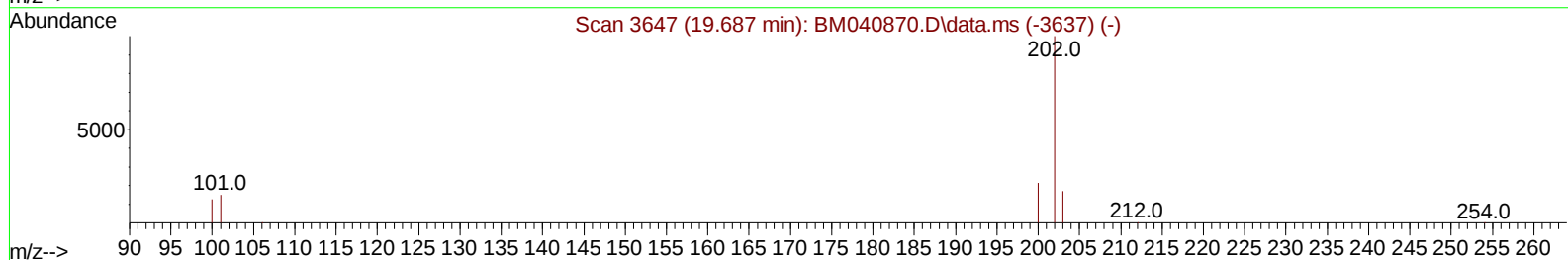
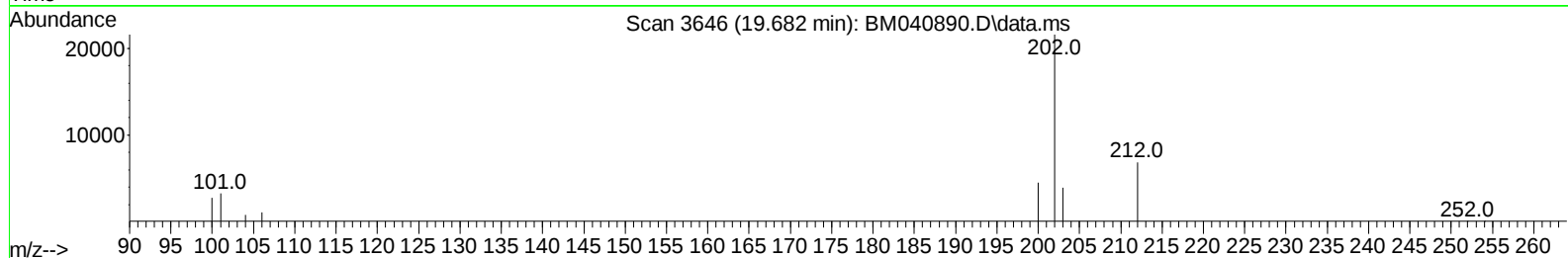
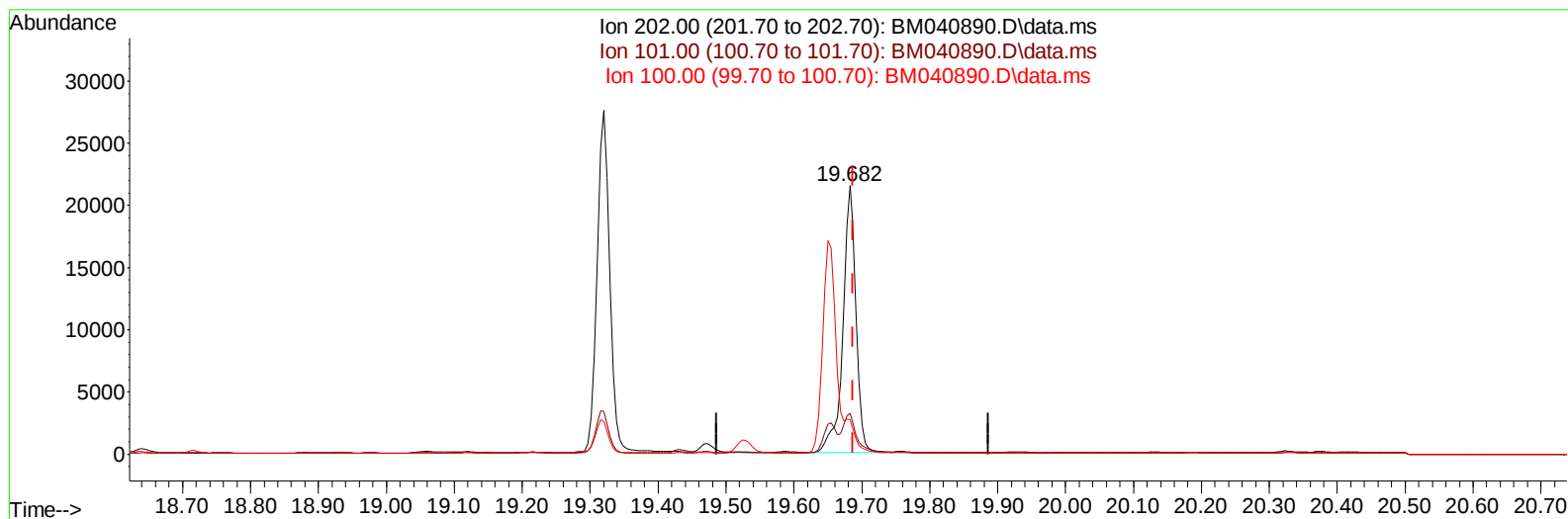
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071423\  
Data File : BM040890.D  
Acq On : 14 Jul 2023 22:03  
Operator : MA/JU  
Sample : 03437-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A46H8

Manual IntegrationsAPPROVED

Quant Time: Jul 15 04:00:16 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 15 03:58:02 2023  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2023  
Supervised By :mohammad ahmed 07/17/2023



TIC: BM040890.D\data.ms

(20) Pyrene

19.682min (-0.005) 0.86 ng/u1

response 29559

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.70  | 15.17  |
| 100.00 | 12.20  | 12.98  |
| 0.00   | 0.00   | 0.00   |

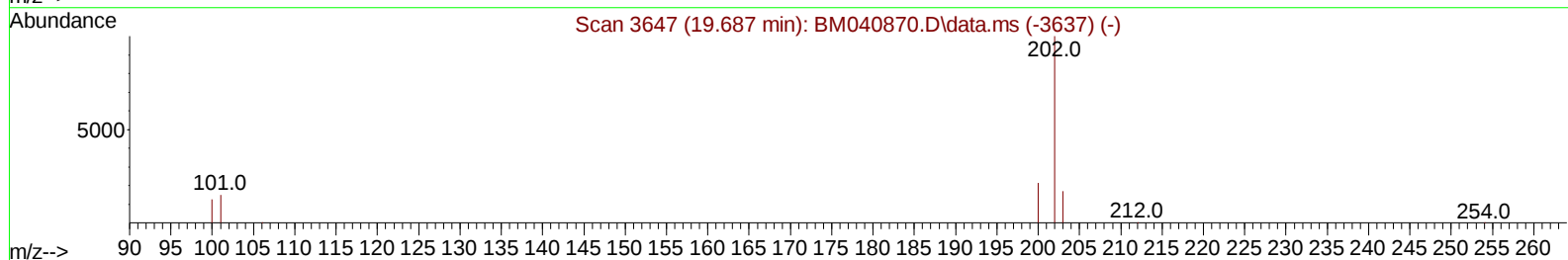
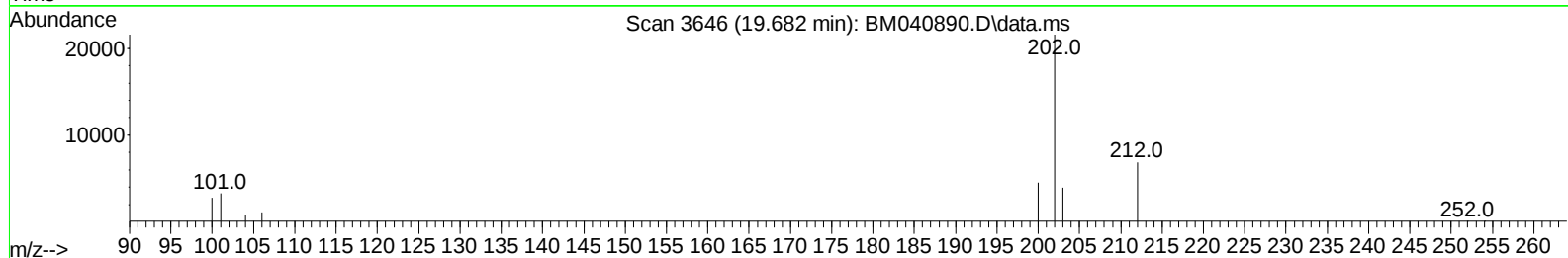
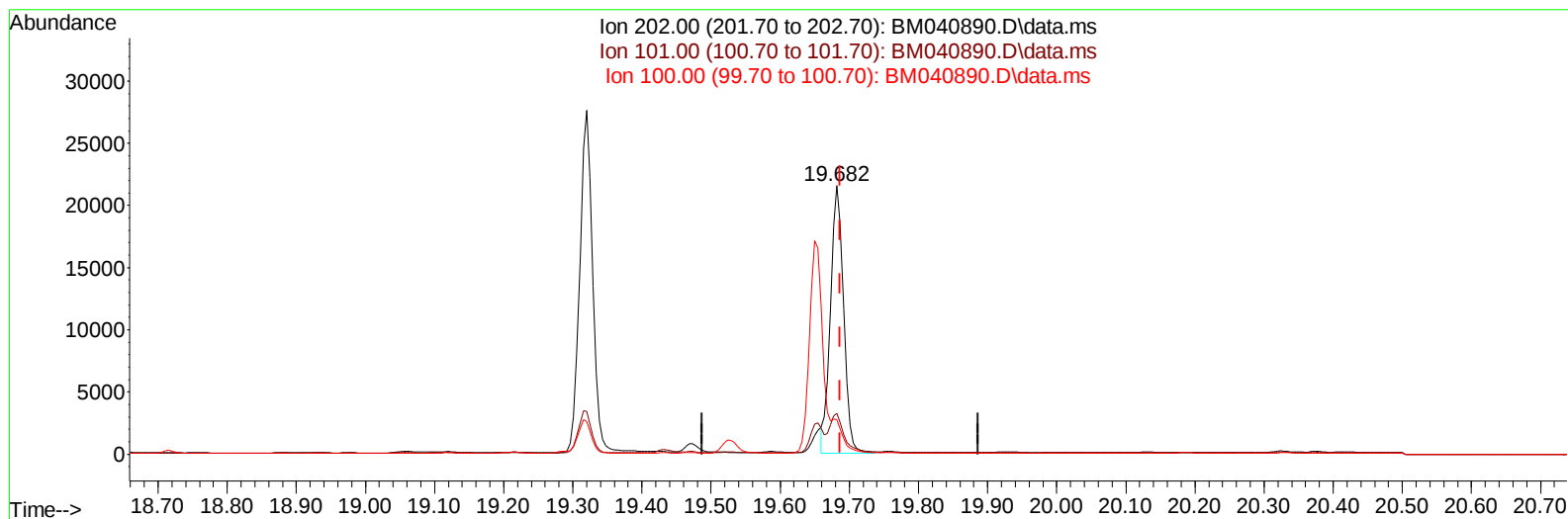
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Data File : BM040890.D  
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Operator : MA/JU  
Sample : 03437-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A46H8

Manual IntegrationsAPPROVED

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TIC: BM040890.D\data.ms

(20) Pyrene

19.682min (-0.005) 0.81 ng/ul m

response 27966

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.70  | 15.17  |
| 100.00 | 12.20  | 12.98  |
| 0.00   | 0.00   | 0.00   |

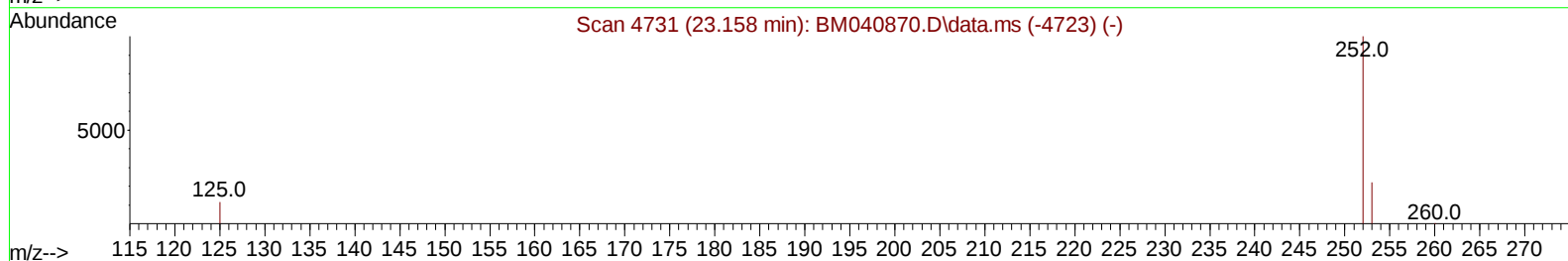
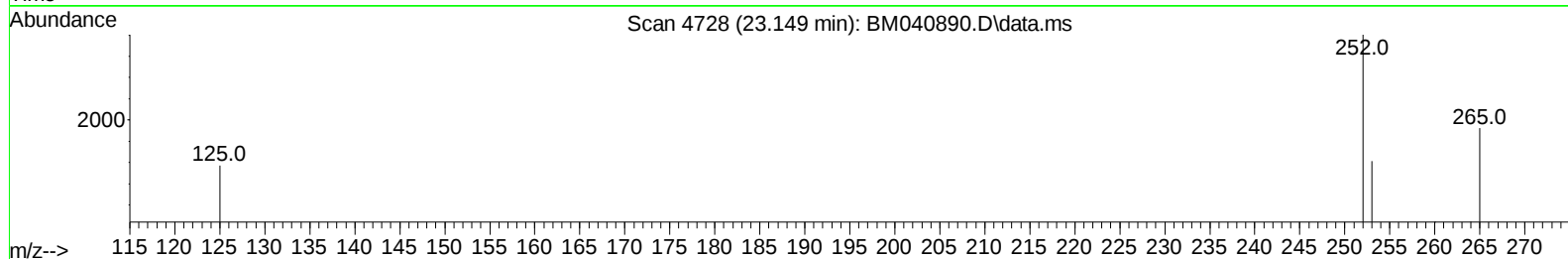
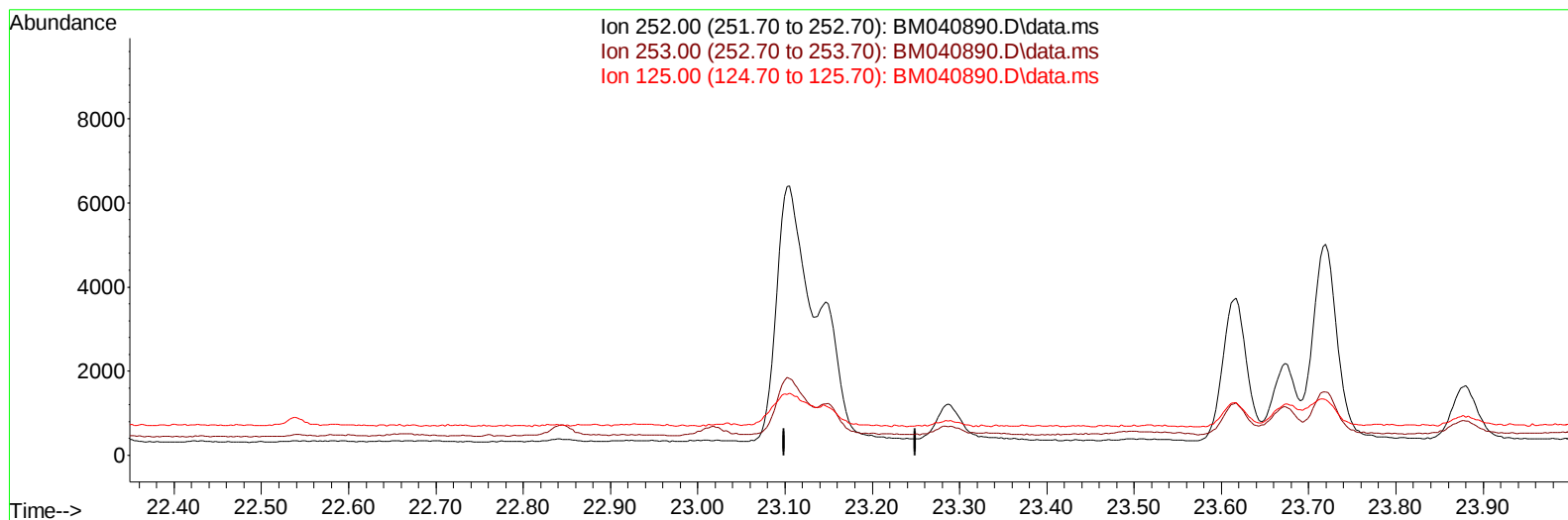
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071423\  
Data File : BM040890.D  
Acq On : 14 Jul 2023 22:03  
Operator : MA/JU  
Sample : 03437-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A46H8

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TIC: BM040890.D\data.ms

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

23.149min (-23.149) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.50  | 0.00# |
| 125.00 | 20.50  | 0.00# |
| 0.00   | 0.00   | 0.00  |

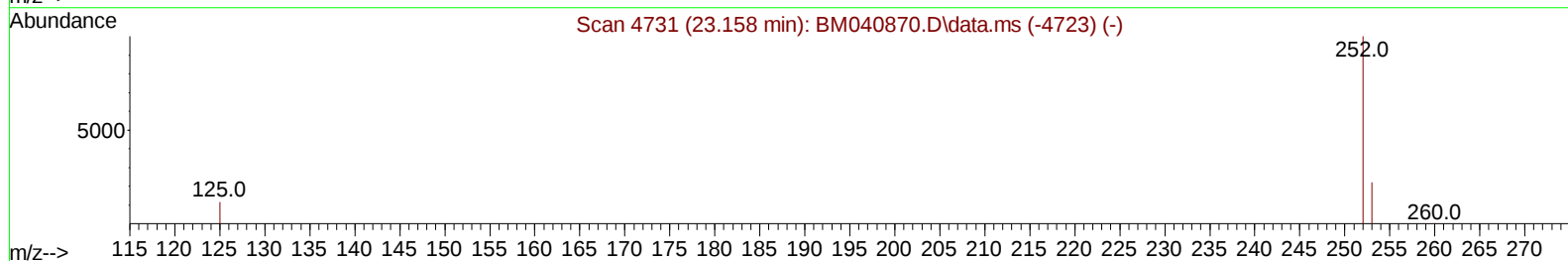
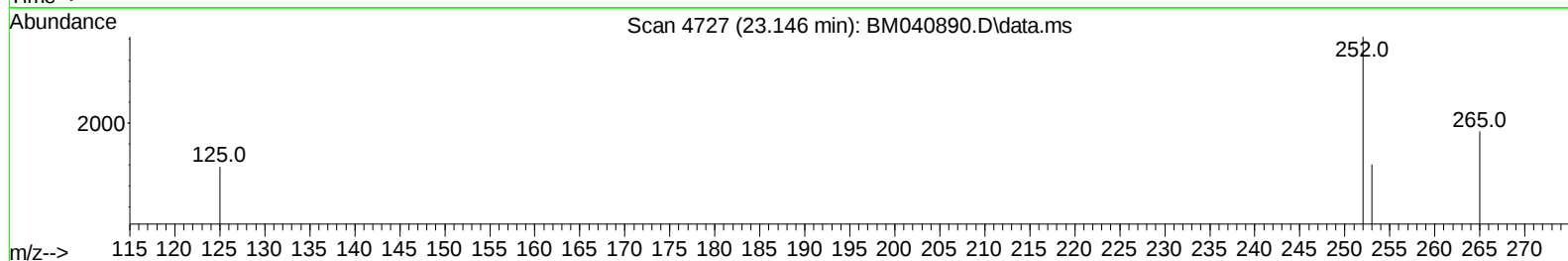
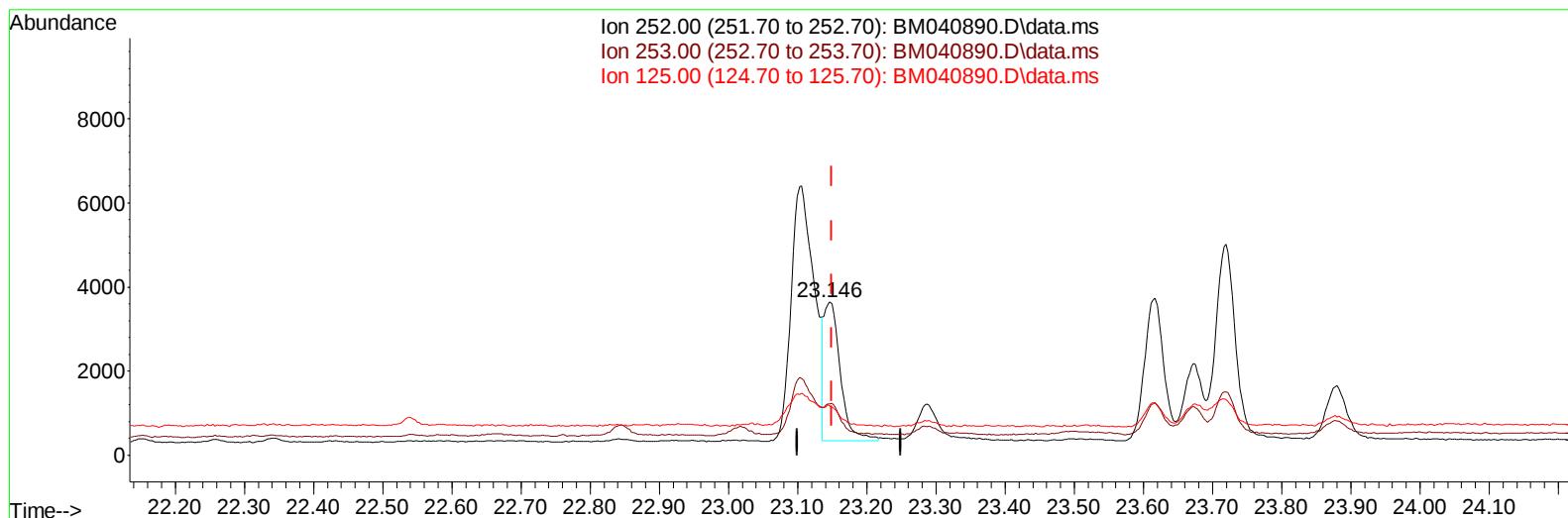
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 Data File : BM040890.D  
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 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM040890.D\data.ms

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

23.146min (-0.003) 0.16 ng/u1 m

response 5462

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 33.32# |
| 125.00 | 20.50  | 32.05# |
| 0.00   | 0.00   | 0.00   |

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 Sample : 03437-07  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46H8

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.861  | 152  | 4142     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.664 | 136  | 13128    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.509 | 164  | 5714     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.257 | 188  | 10821    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.448 | 240  | 7583     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.827 | 264  | 9082     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.280  | 96   | 35704    | 5.488 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.258 | 152  | 6046     | 0.329 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.287 | 212  | 8472     | 0.348 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.713 | 128  | 1686     | 0.047 | ng/ul# | 83       |
| 7) 2-Methylnaphthalene      | 12.330 | 142  | 576      | 0.027 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.550 | 142  | 485      | 0.023 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.227 | 152  | 2267     | 0.089 | ng/ul# | 89       |
| 12) Fluorene                | 15.559 | 166  | 597      | 0.026 | ng/ul# | 94       |
| 15) Phenanthrene            | 17.299 | 178  | 10296    | 0.306 | ng/ul  | 99       |
| 16) Anthracene              | 17.388 | 178  | 2169     | 0.077 | ng/ul# | 88       |
| 19) Fluoranthene            | 19.320 | 202  | 35769    | 1.110 | ng/ul  | 96       |
| 20) Pyrene                  | 19.682 | 202  | 27966m   | 0.810 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.431 | 228  | 12473    | 0.486 | ng/ul  | 97       |
| 22) Chrysene                | 21.486 | 228  | 13420    | 0.459 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.105 | 252  | 14077    | 0.401 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.146 | 252  | 5462m    | 0.158 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.719 | 252  | 8965     | 0.283 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.280 | 276  | 6352     | 0.144 | ng/ul# | 84       |
| 28) Dibenzo(a,h)anthracene  | 26.290 | 278  | 1595     | 0.046 | ng/ul# | 42       |
| 29) Benzo(g,h,i)perylene    | 27.038 | 276  | 6012     | 0.156 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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