

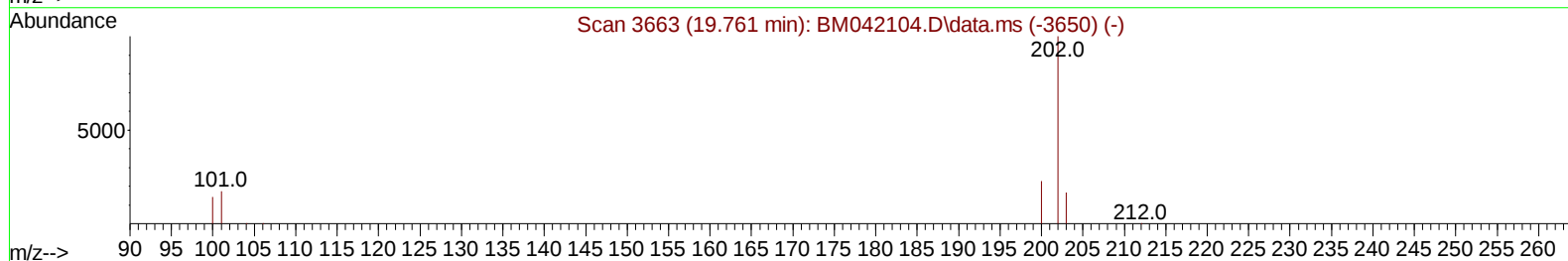
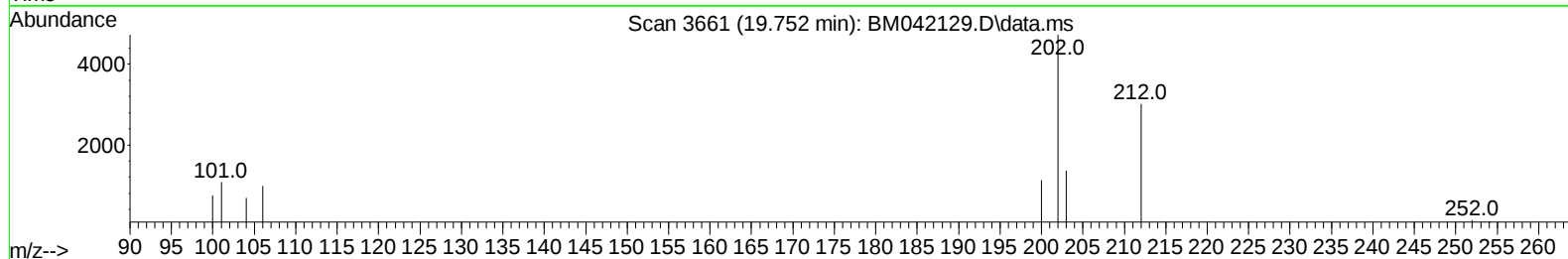
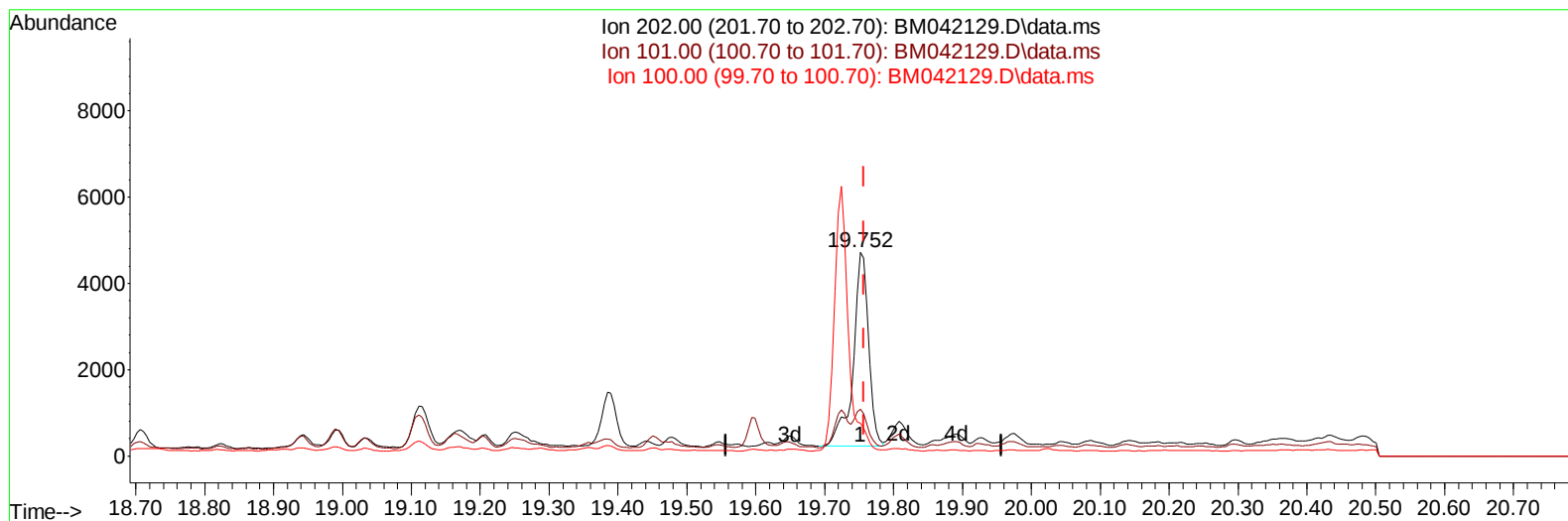
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092823\  
 Data File : BM042129.D  
 Acq On : 28 Sep 2023 23:51  
 Operator : MA/JU  
 Sample : 04480-11DL 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBK42DL

Manual IntegrationsAPPROVED

Quant Time: Sep 29 04:42:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 29 04:39:33 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/29/2023  
 Supervised By :mohammad ahmed 10/03/2023



TIC: BM042129.D\data.ms

(20) Pyrene

19.752min (-0.005) 0.09 ng/u1

response 7045

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 17.60  | 22.81# |
| 100.00 | 14.20  | 16.08  |
| 0.00   | 0.00   | 0.00   |

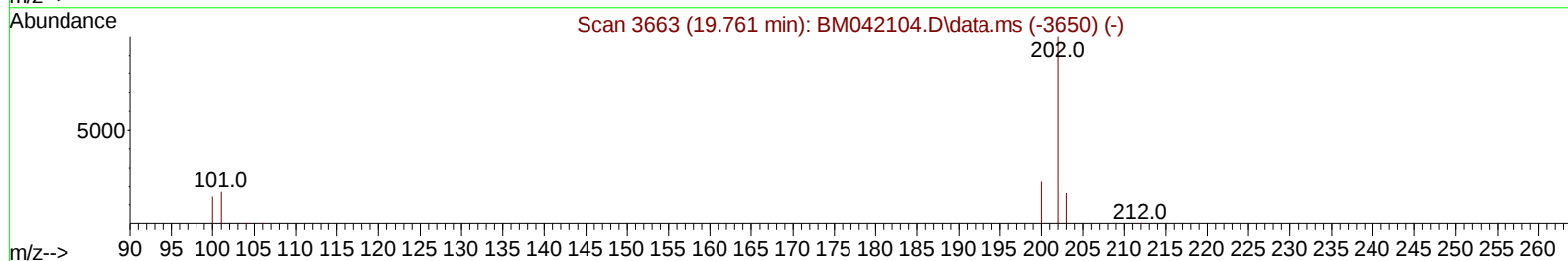
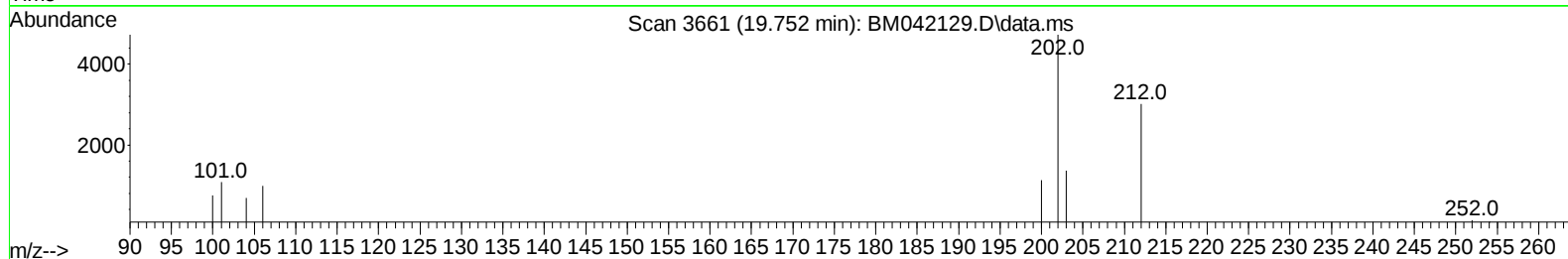
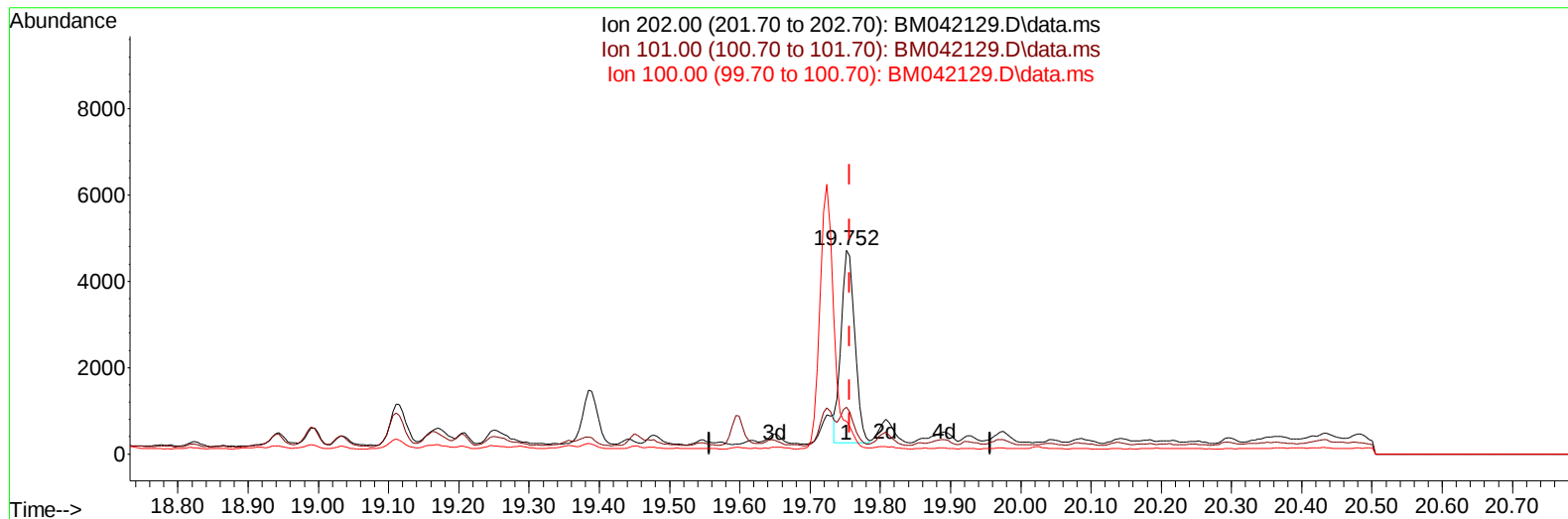
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Instrument :  
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TIC: BM042129.D\data.ms

(20) Pyrene

19.752min (-0.005) 0.08 ng/ul m

response 6081

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 17.60  | 22.81# |
| 100.00 | 14.20  | 16.08  |
| 0.00   | 0.00   | 0.00   |

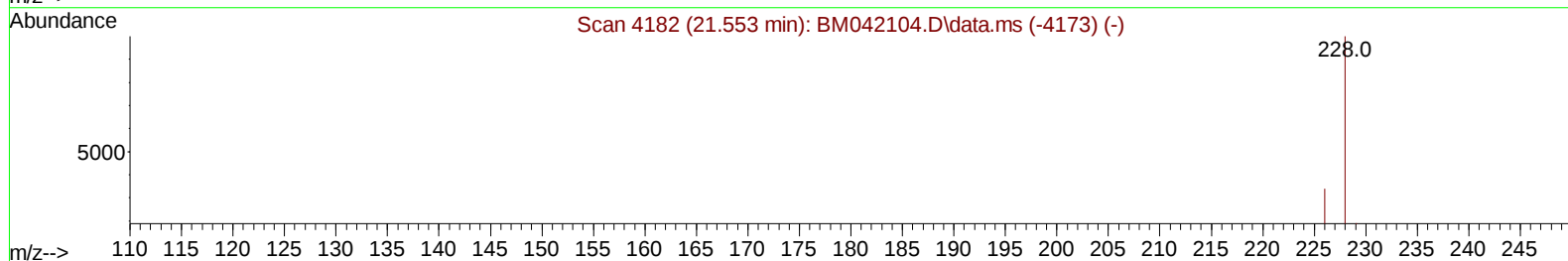
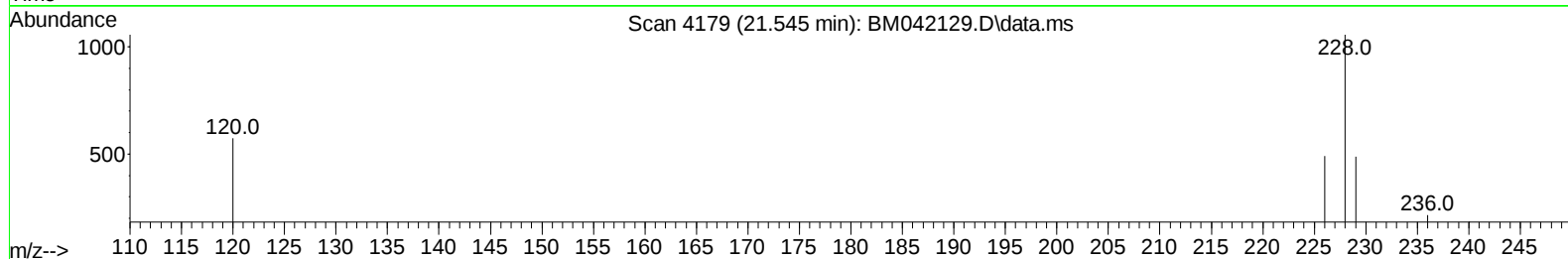
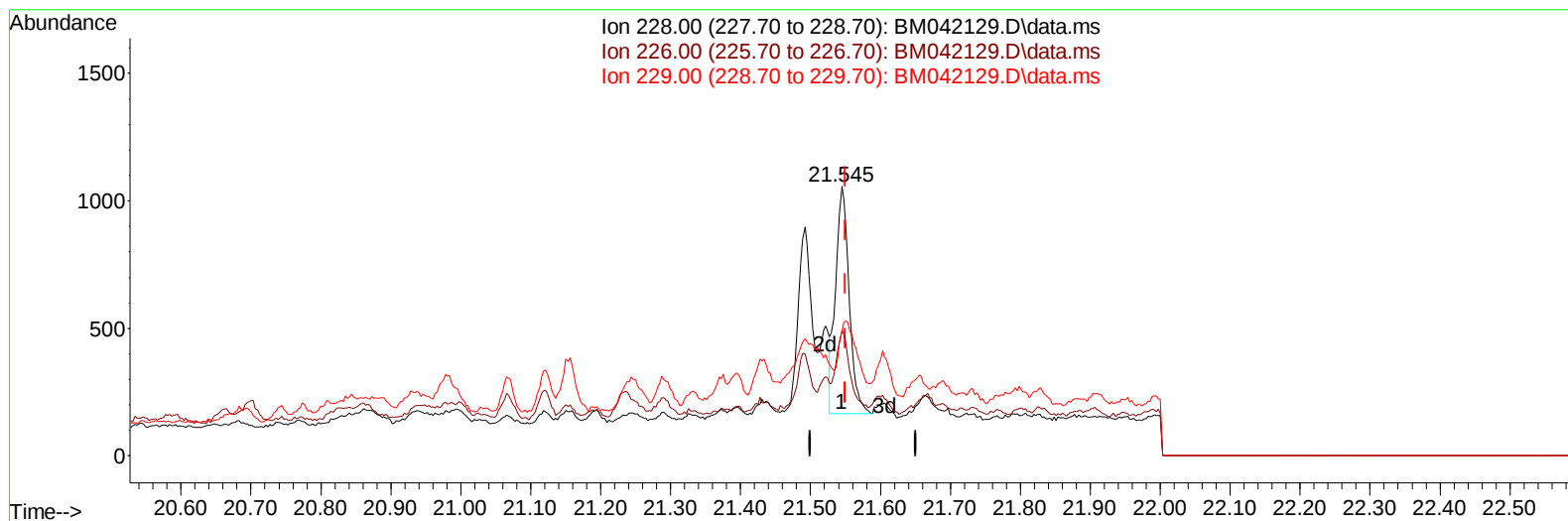
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Instrument :  
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BM042129.D\data.ms

(22) Chrysene

21.545min (-0.006) 0.02 ng/u1

response 1203

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 34.70  | 46.45# |
| 229.00 | 19.50  | 46.26# |
| 0.00   | 0.00   | 0.00   |

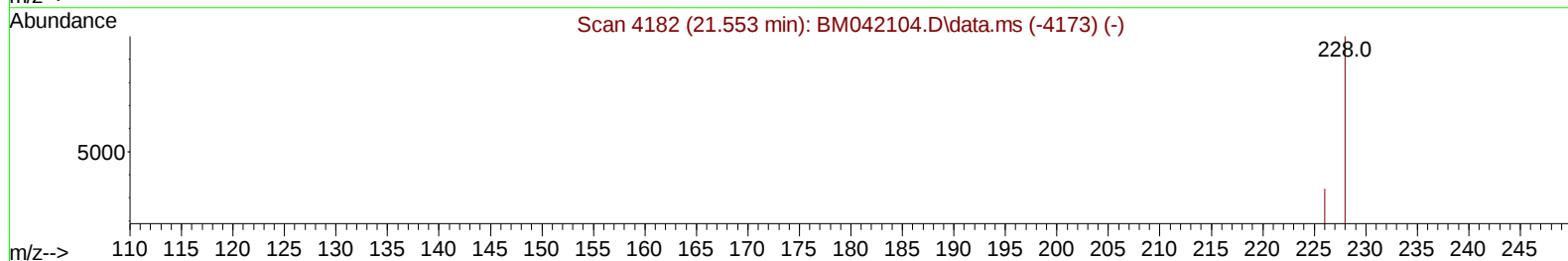
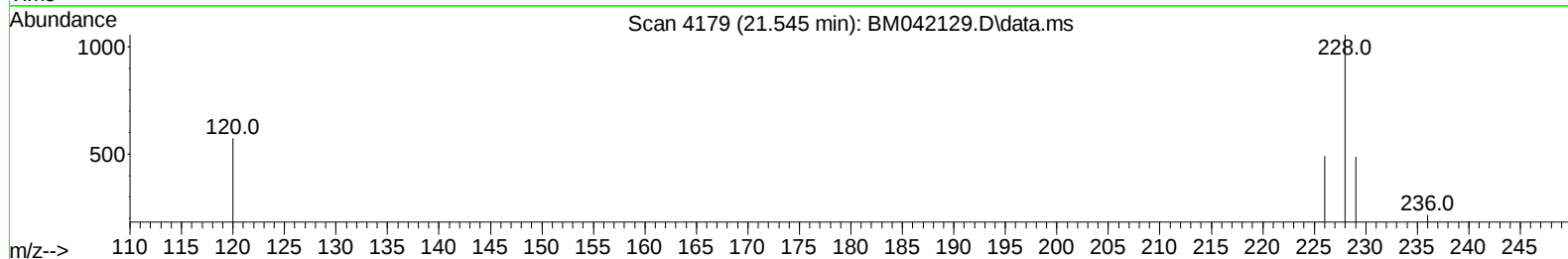
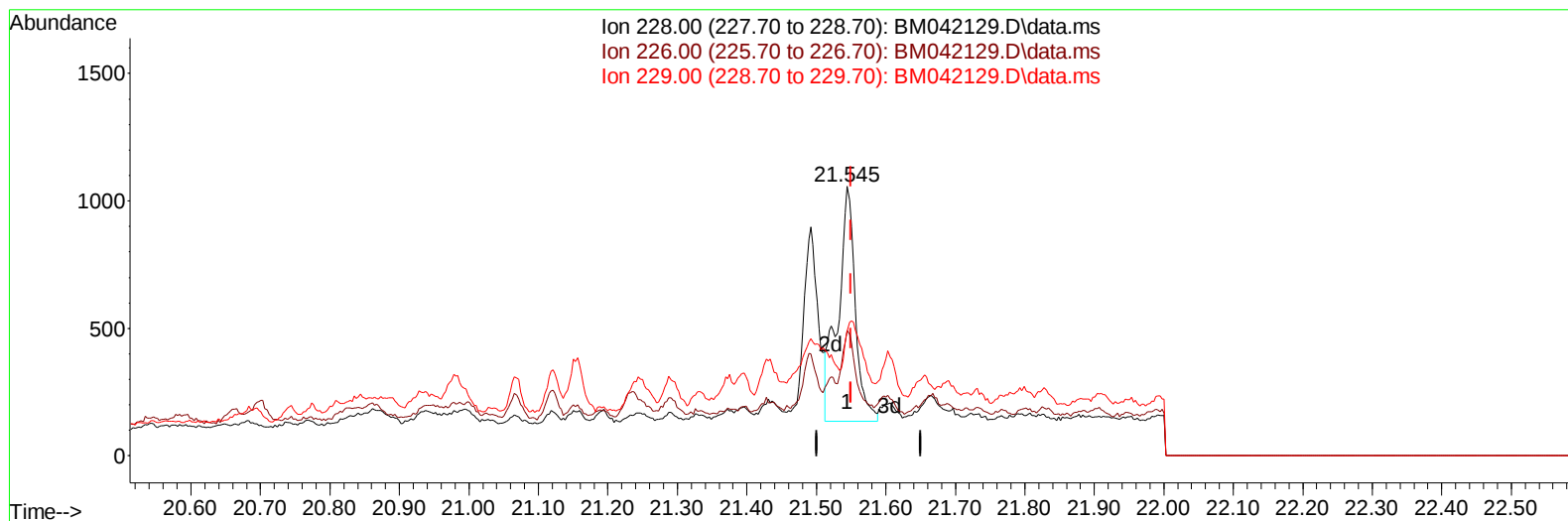
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 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM042129.D\data.ms

(22) Chrysene

21.545min (-0.006) 0.03 ng/u1 m

response 1618

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 34.70  | 46.45# |
| 229.00 | 19.50  | 46.26# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092823\  
 Data File : BM042129.D  
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 Operator : MA/JU  
 Sample : 04480-11DL 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBK42DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/29/2023  
 Supervised By :mohammad ahmed 10/03/2023

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| Compound                    | R.T.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|--------|--------|----------|
| -----                       |        |     |     |          |        |        |          |
| Internal Standards          |        |     |     |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.937  | 152 |     | 3288     | 0.400  | ng/ul  | # 0.00   |
| 4) Naphthalene-d8           | 10.752 | 136 |     | 8979     | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.583 | 164 |     | 4584     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.337 | 188 |     | 11337    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.510 | 240 |     | 7131     | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.909 | 264 |     | 7607     | 0.400  | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |     |     |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.364  | 96  |     | 4628     | 1.033  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.330 | 152 |     | 1131     | 0.101  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.357 | 212 |     | 2437     | 0.083  | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |        |        |          |
|                             |        |     |     |          |        |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.397  | 88  |     | 378      | 0.080  | ng/ul# | 9        |
| 5) Naphthalene              | 10.801 | 128 |     | 428559   | 14.247 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.407 | 142 |     | 306595   | 17.099 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.627 | 142 |     | 151142   | 8.303  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.296 | 152 |     | 3062     | 0.100  | ng/ul# | 1        |
| 11) Acenaphthene            | 14.648 | 153 |     | 9910     | 0.421  | ng/ul  | 93       |
| 12) Fluorene                | 15.633 | 166 |     | 16209    | 0.611  | ng/ul  | 97       |
| 15) Phenanthrene            | 17.375 | 178 |     | 53086    | 1.010  | ng/ul  | 98       |
| 16) Anthracene              | 17.468 | 178 |     | 3545     | 0.078  | ng/ul# | 81       |
| 19) Fluoranthene            | 19.385 | 202 |     | 1805     | 0.022  | ng/ul# | 78       |
| 20) Pyrene                  | 19.752 | 202 |     | 6081m    | 0.077  | ng/ul  |          |
| 22) Chrysene                | 21.545 | 228 |     | 1618m    | 0.029  | ng/ul  |          |
| -----                       |        |     |     |          |        |        |          |

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

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