

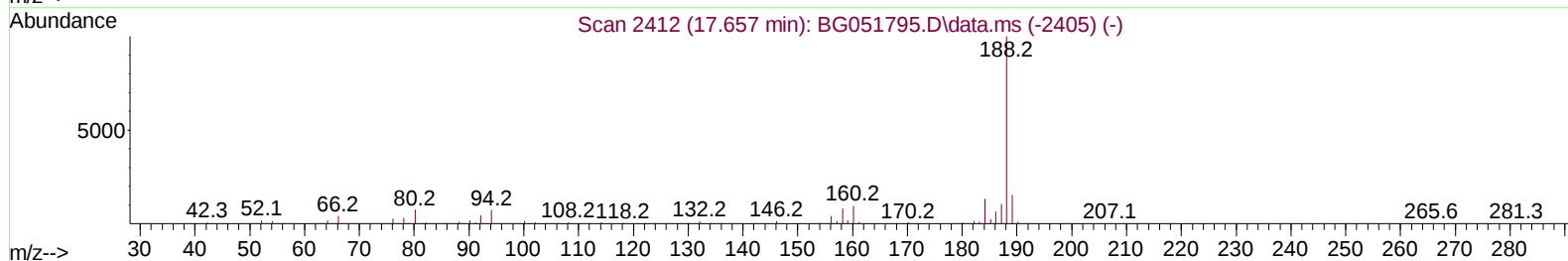
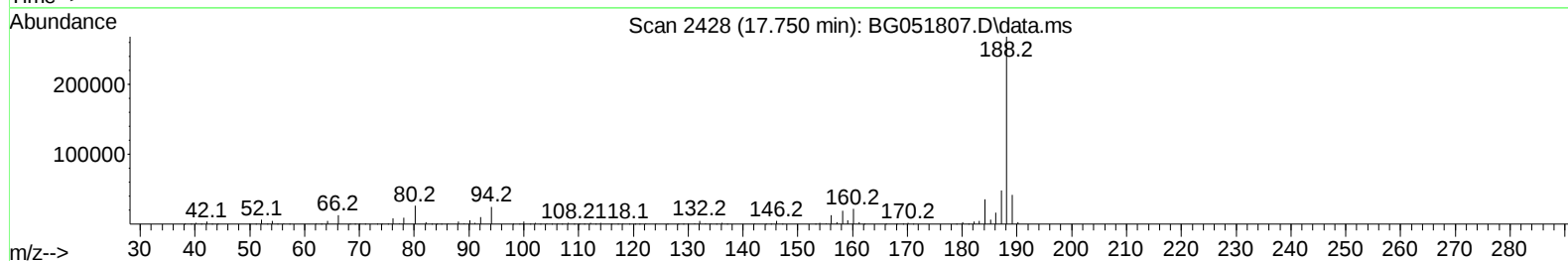
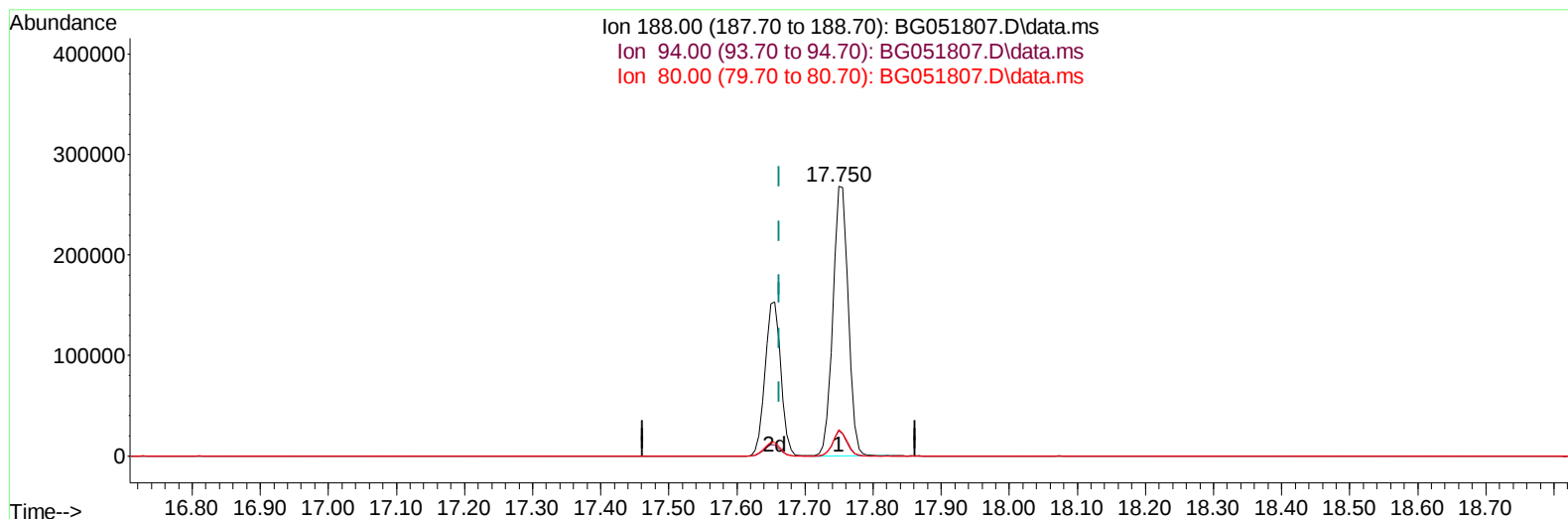
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
 Data File : BG051807.D  
 Acq On : 27 Dec 2021 18:02  
 Operator : CG/JU  
 Sample : M5152-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG3D4

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:06:34 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 23 13:37:07 2021  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/28/2021  
 Supervised By :mohammad ahmed 12/31/2021



TIC: BG051807.D\data.ms

**(64) Phenanthrene-d10 (I)**

**17.750min (+ 0.087) 20.00 ng/u1**

**response 422220**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.50   | 9.23   |
| 80.00  | 11.40  | 9.84   |
| 0.00   | 0.00   | 0.00   |

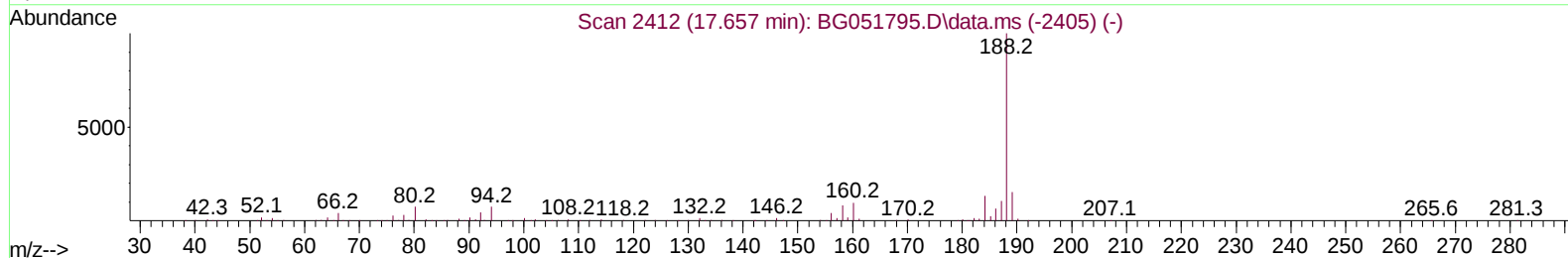
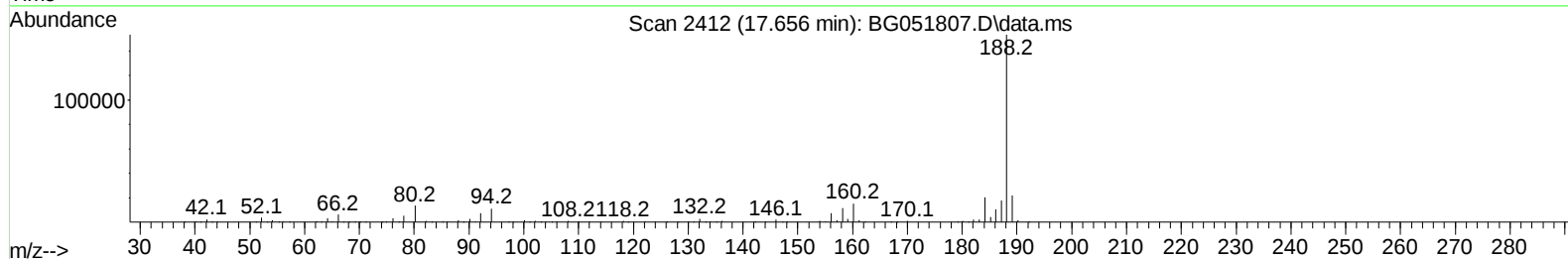
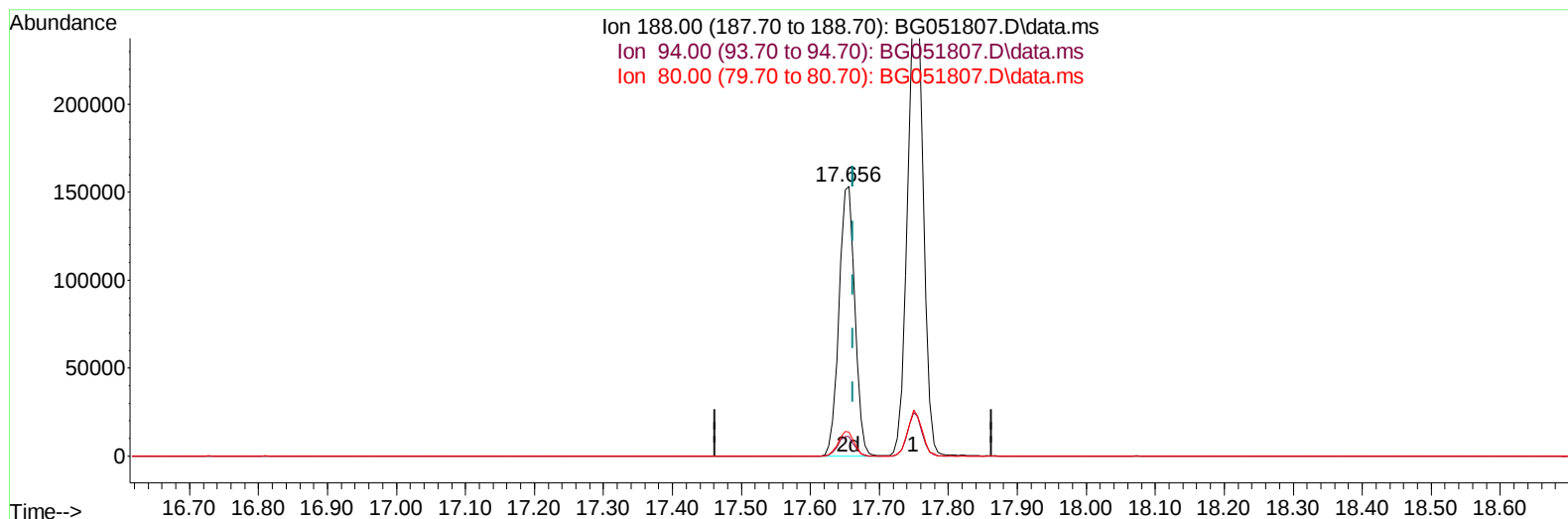
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
Data File : BG051807.D  
Acq On : 27 Dec 2021 18:02  
Operator : CG/JU  
Sample : M5152-08  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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(64) Phenanthrene-d10 (I)

17.656min (-0.006) 20.00 ng/ul m

response 244559

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.50   | 7.24#  |
| 80.00  | 11.40  | 8.87#  |
| 0.00   | 0.00   | 0.00   |

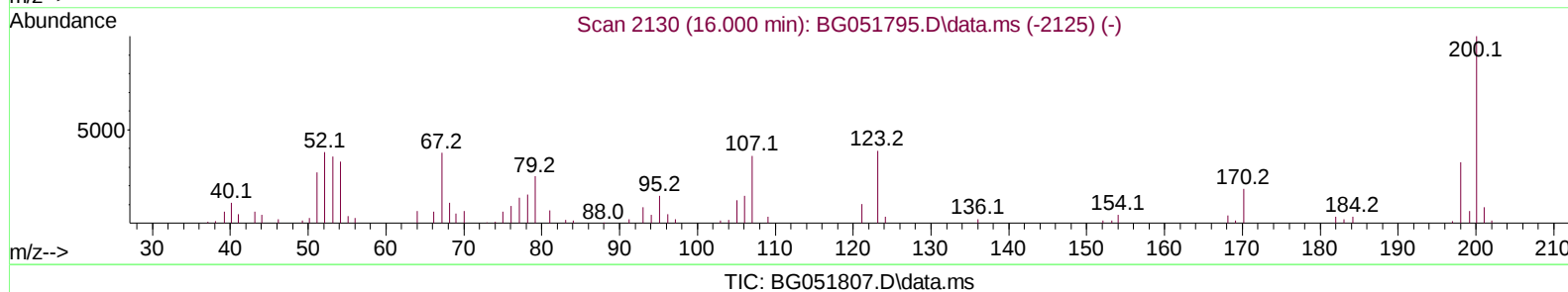
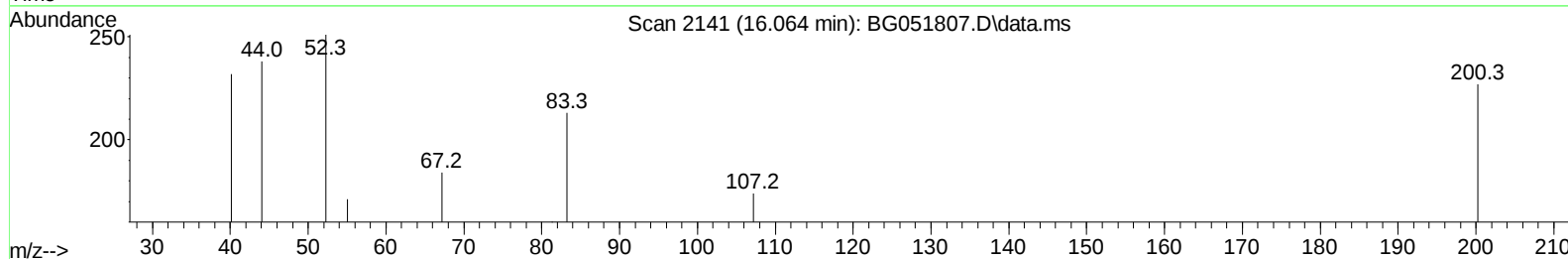
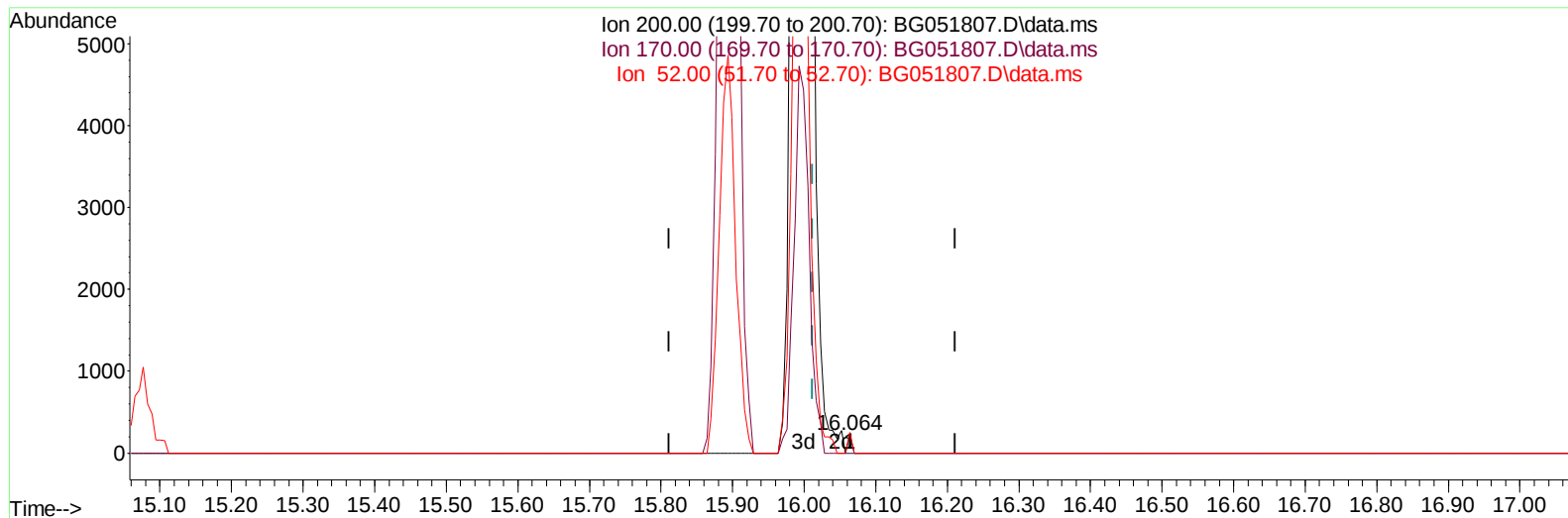
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
Data File : BG051807.D  
Acq On : 27 Dec 2021 18:02  
Operator : CG/JU  
Sample : M5152-08  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BG3D4

Manual IntegrationsAPPROVED

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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

16.064min (+ 0.052) 0.06 ng/u1

response 80

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 200.00 | 100.00 | 100.00  |
| 170.00 | 19.80  | 0.00#   |
| 52.00  | 47.40  | 110.57# |
| 0.00   | 0.00   | 0.00    |

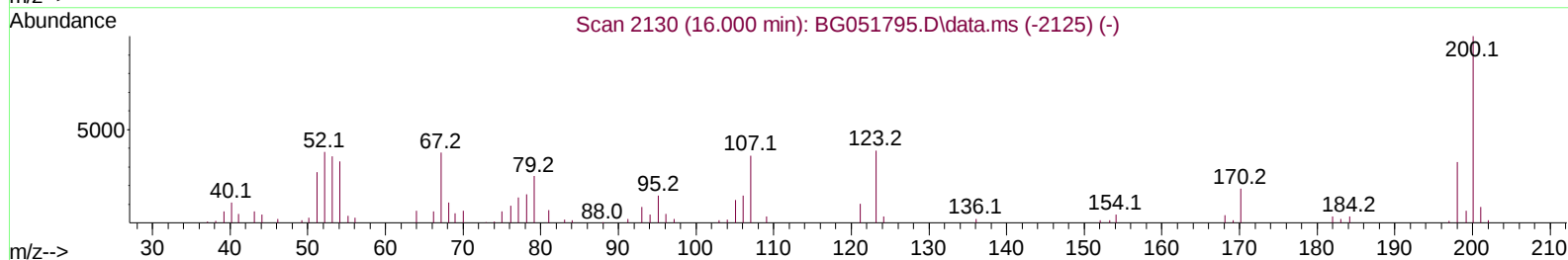
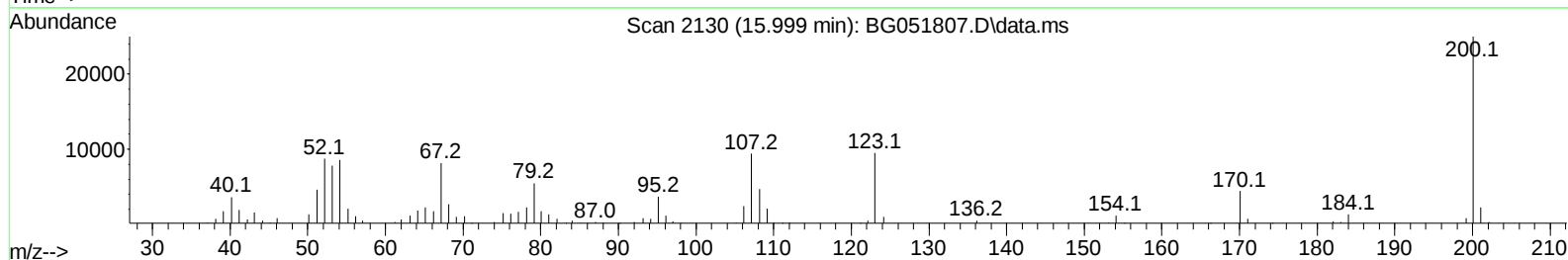
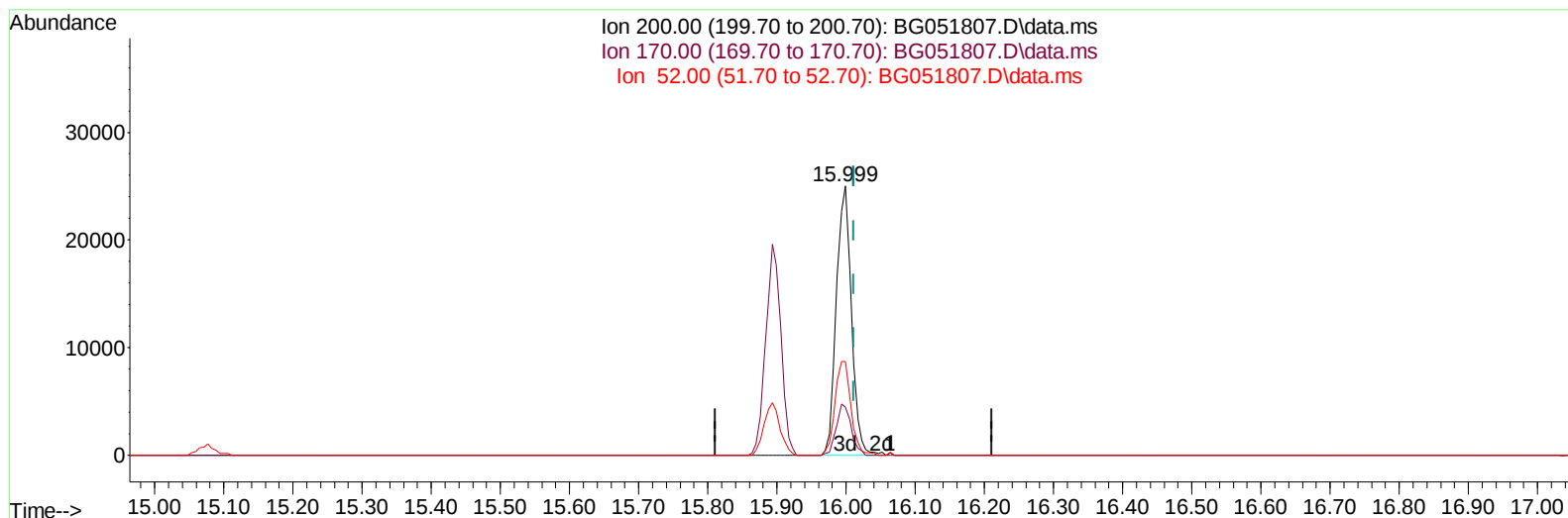
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Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG3D4

Manual IntegrationsAPPROVED

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TIC: BG051807.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.999min (-0.012) 29.47 ng/ul m

response 37554

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 19.80  | 17.74  |
| 52.00  | 47.40  | 34.84# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
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 Acq On : 27 Dec 2021 18:02  
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 Sample : M5152-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG3D4

## Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.268  | 152  | 38406    | 20.000 | ng/ul | -0.02    |
| 20) Naphthalene-d8            | 11.112 | 136  | 158806   | 20.000 | ng/ul | -0.01    |
| 38) Acenaphthene-d10          | 14.907 | 164  | 107741   | 20.000 | ng/ul | -0.01    |
| 64) Phenanthrene-d10          | 17.656 | 188  | 244559m  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.973 | 240  | 236510   | 20.000 | ng/ul | #-0.01   |
| 88) Perylene-d12              | 25.475 | 264  | 225238   | 20.000 | ng/ul | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.604  | 96   | 4191     | 4.532  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 4.027  | 84   | 27464    | 9.829  | ng/ul | -0.02    |
| 7) Phenol-d5                  | 7.405  | 99   | 25675    | 7.487  | ng/ul | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.575  | 67   | 67890    | 33.303 | ng/ul | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.799  | 132  | 59184    | 24.816 | ng/ul | -0.01    |
| 15) 4-Methylphenol-d8         | 8.968  | 113  | 43984    | 16.594 | ng/ul | -0.01    |
| 21) Nitrobenzene-d5           | 9.437  | 128  | 39596    | 34.008 | ng/ul | -0.02    |
| 24) 2-Nitrophenol-d4          | 10.172 | 143  | 40540    | 31.852 | ng/ul | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.718 | 165  | 75106    | 27.211 | ng/ul | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.229 | 131  | 72341    | 19.907 | ng/ul | -0.01    |
| 46) Dimethylphthalate-d6      | 14.296 | 166  | 286769   | 33.254 | ng/ul | -0.02    |
| 49) Acenaphthylene-d8         | 14.601 | 160  | 350644   | 32.740 | ng/ul | -0.01    |
| 54) 4-Nitrophenol-d4          | 15.071 | 143  | 9080     | 6.475  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.893 | 176  | 255790   | 33.107 | ng/ul | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.999 | 200  | 37554m   | 29.473 | ng/ul | -0.01    |
| 73) Anthracene-d10            | 17.750 | 188  | 421914   | 36.166 | ng/ul | -0.01    |
| 81) Pyrene-d10                | 20.029 | 212  | 498061   | 34.990 | ng/ul | -0.01    |
| 92) Benzo(a)pyrene-d12        | 25.234 | 264  | 440771   | 37.192 | ng/ul | -0.02    |

Target Compounds Qvalue

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

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