

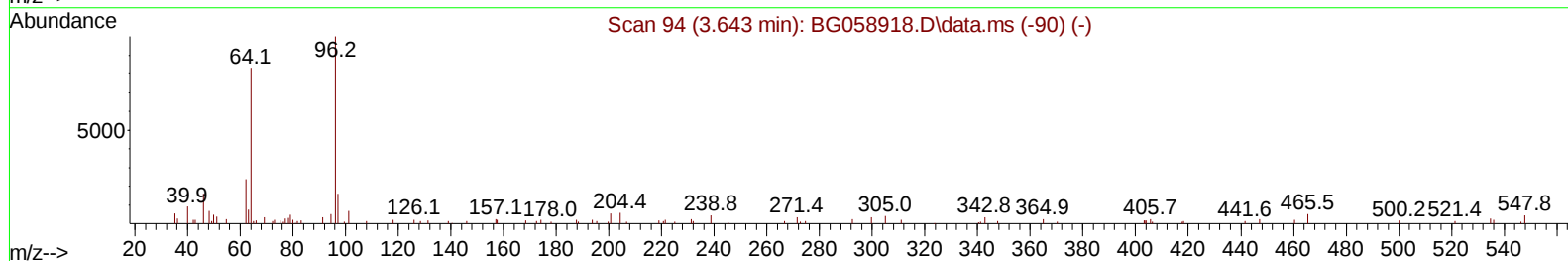
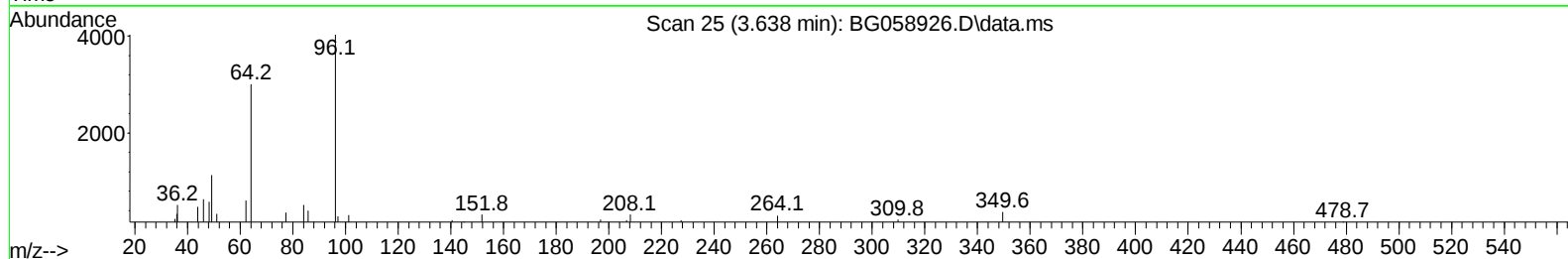
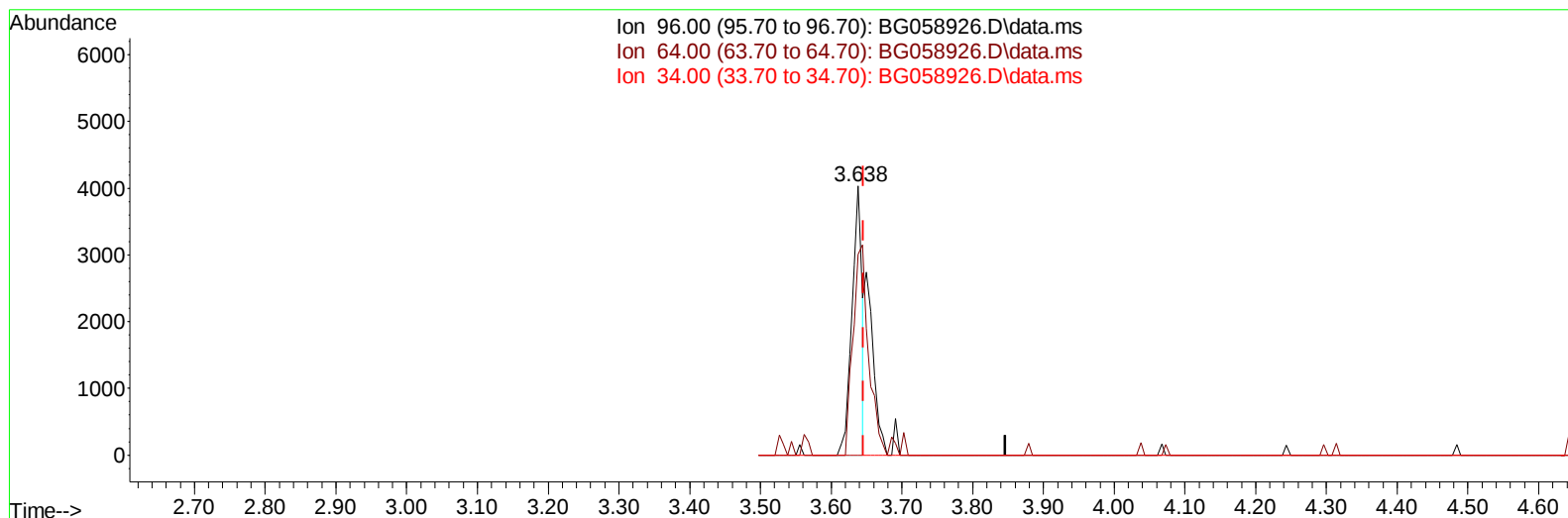
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090823\  
 Data File : BG058926.D  
 Acq On : 8 Sep 2023 20:58  
 Operator : MA/JU  
 Sample : 04227-21  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJ90

Manual IntegrationsAPPROVED

Quant Time: Sep 09 03:45:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 09 00:11:02 2023  
 Response via : Initial Calibration

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



TIC: BG058926.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.638min (-0.008) 3.07 ng/uL**

**response 3975**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 54.20  | 74.52# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

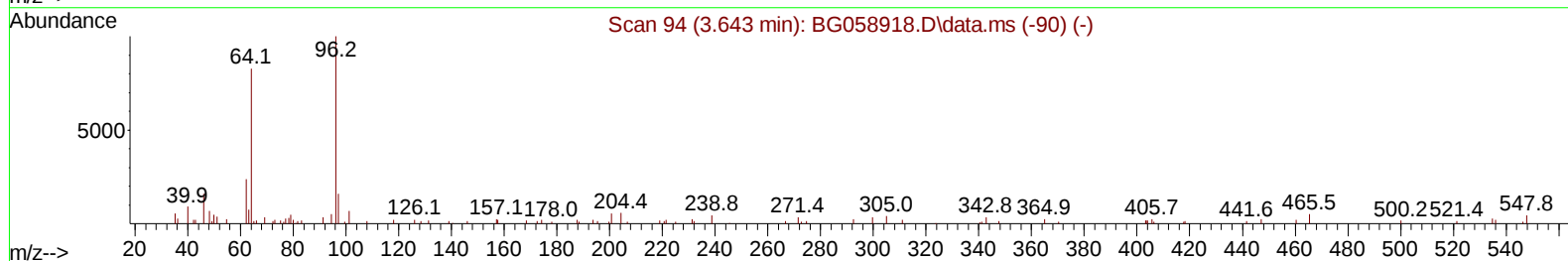
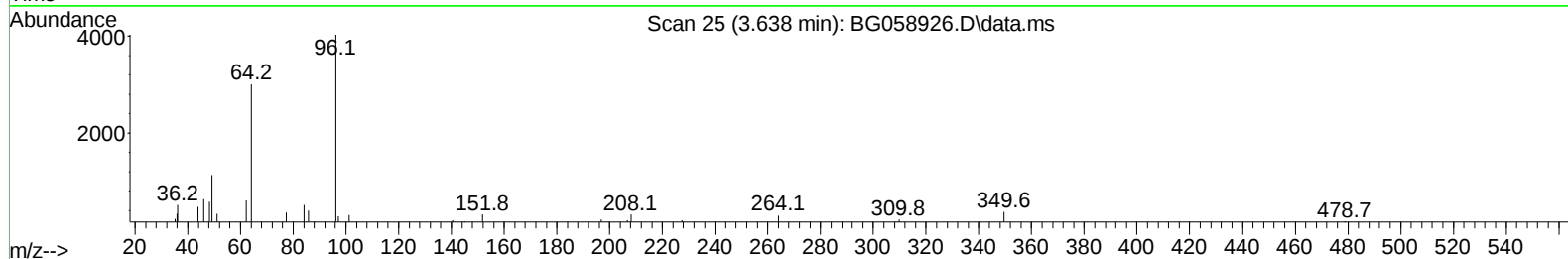
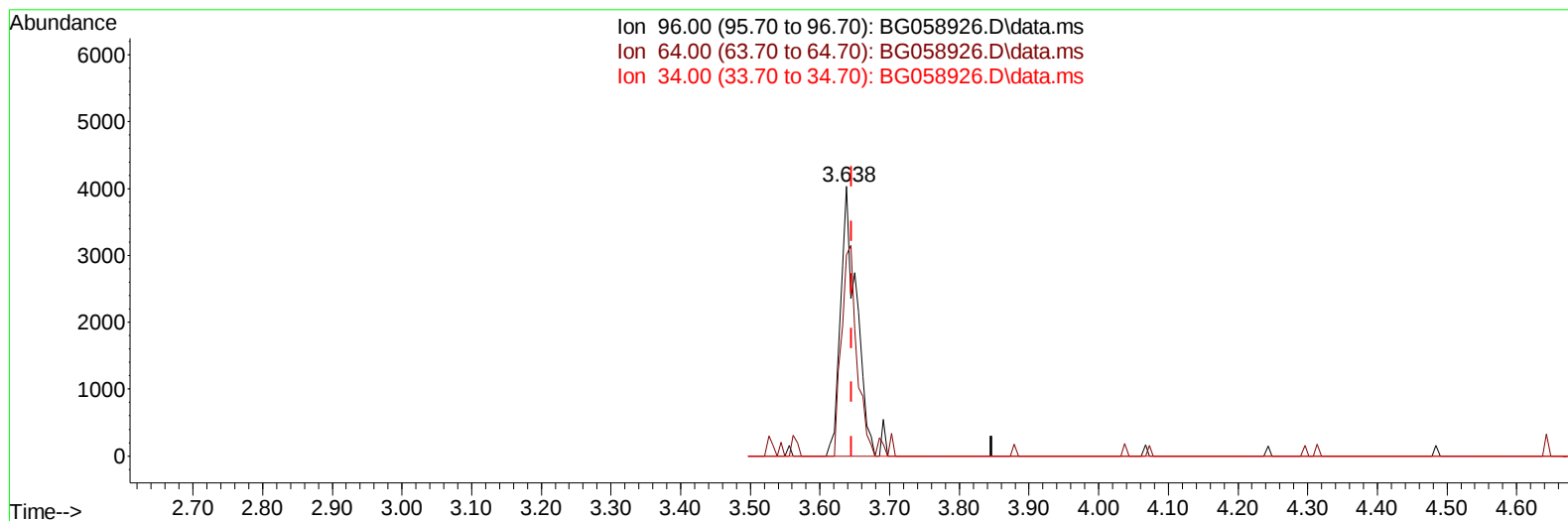
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090823\  
 Data File : BG058926.D  
 Acq On : 8 Sep 2023 20:58  
 Operator : MA/JU  
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Manual IntegrationsAPPROVED

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TIC: BG058926.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.638min (-0.008) 4.92 ng/uL m**

**response 6378**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 54.20  | 74.52# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

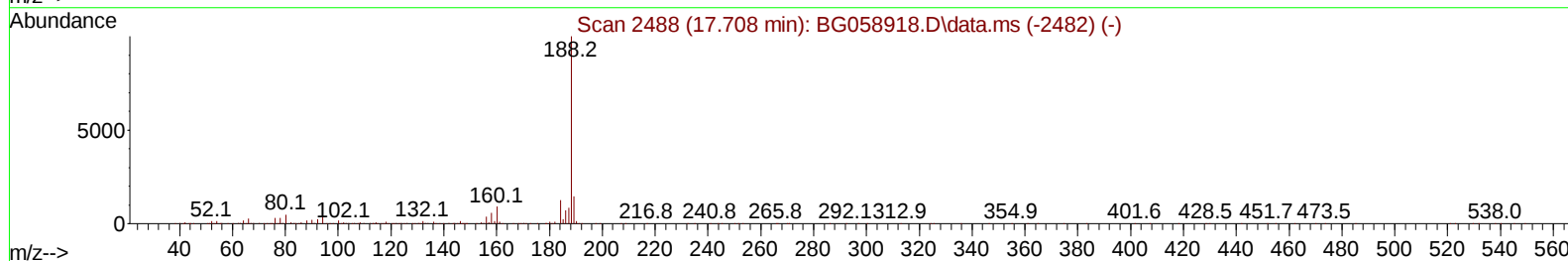
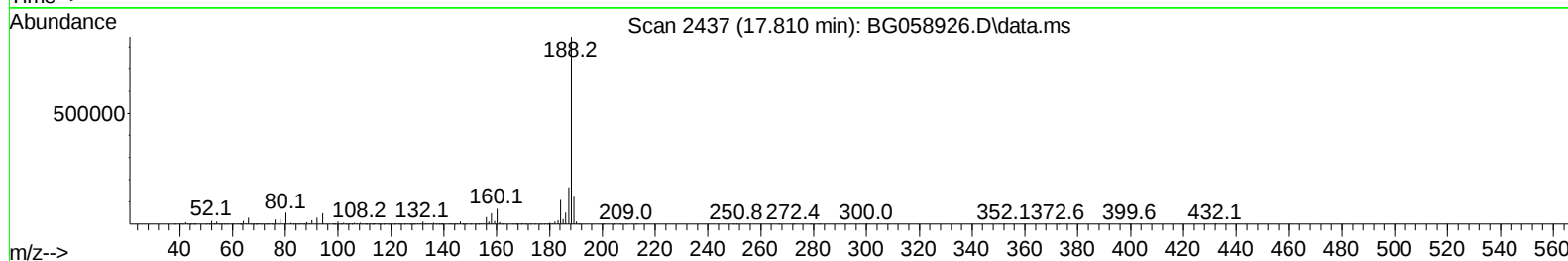
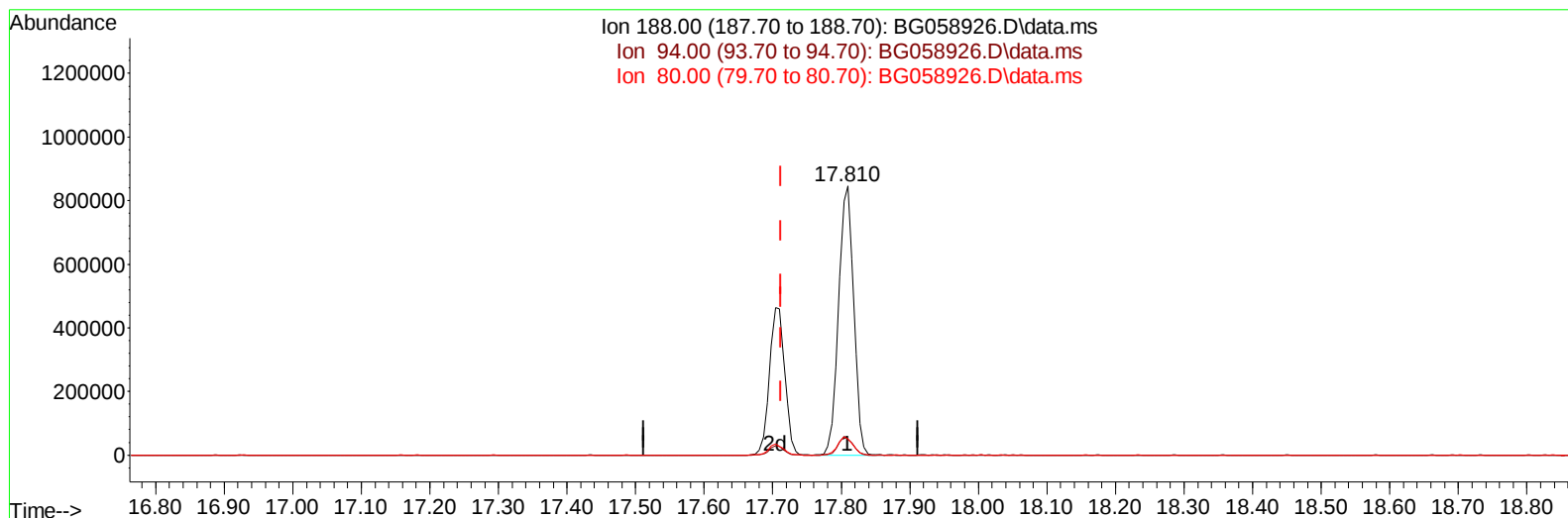
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090823\  
 Data File : BG058926.D  
 Acq On : 8 Sep 2023 20:58  
 Operator : MA/JU  
 Sample : 04227-21  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJ90

Manual IntegrationsAPPROVED

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TIC: BG058926.D\data.ms

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

**17.810min (+ 0.097) 20.00 ng/u1**

**response 1296603**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 5.90   | 5.85   |
| 80.00  | 6.10   | 6.10   |
| 0.00   | 0.00   | 0.00   |

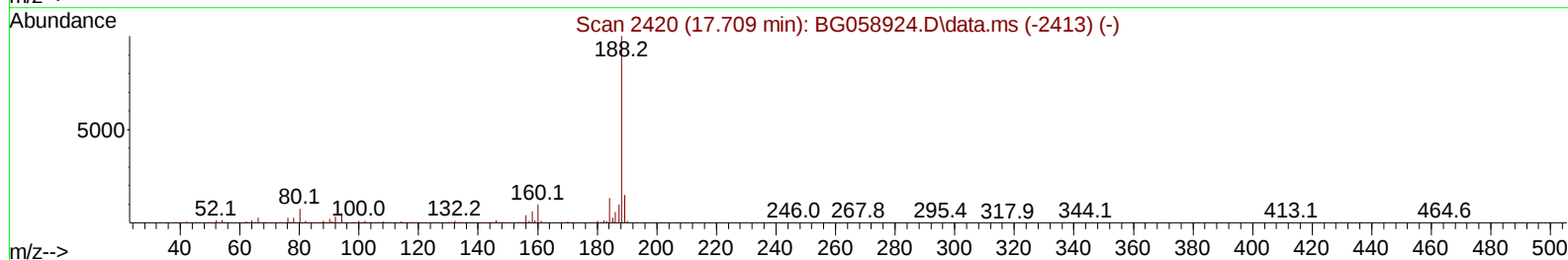
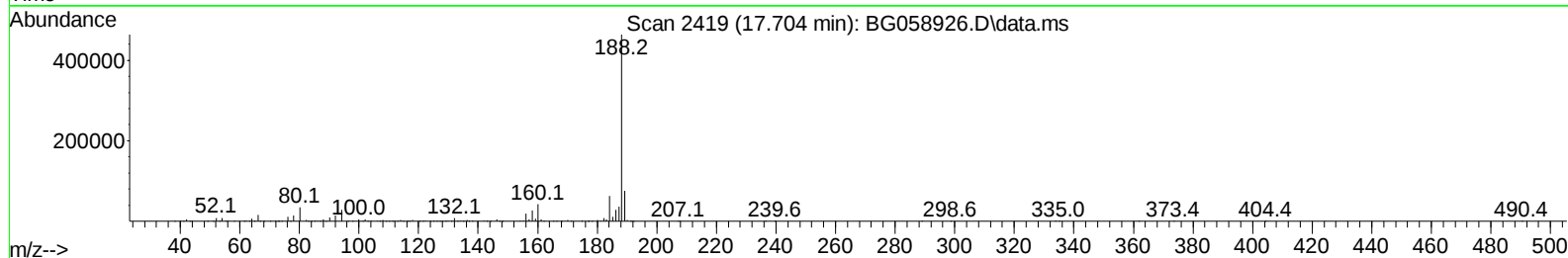
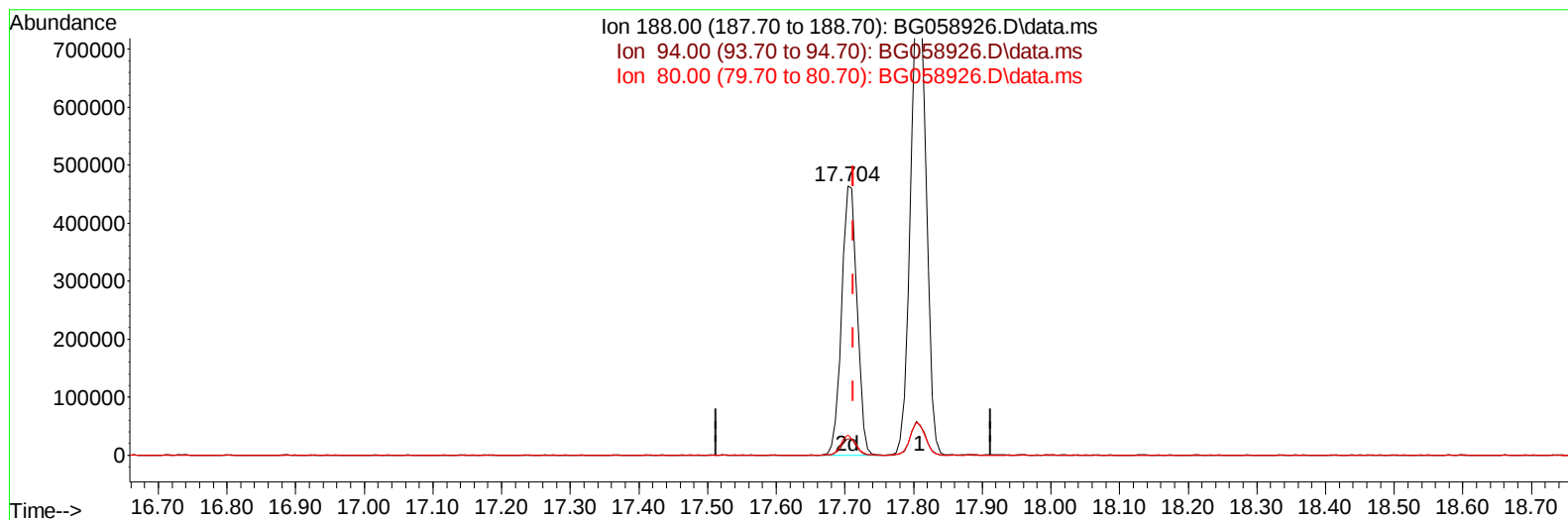
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090823\  
 Data File : BG058926.D  
 Acq On : 8 Sep 2023 20:58  
 Operator : MA/JU  
 Sample : 04227-21  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJ90

Manual IntegrationsAPPROVED

Quant Time: Sep 09 03:54:57 2023  
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Reviewed By :Yogesh Patel 09/09/2023  
 Supervised By :mohammad ahmed 09/10/2023



TIC: BG058926.D\data.ms

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

17.704min (-0.008) 20.00 ng/ul m

response 721469

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 5.90   | 6.09   |
| 80.00  | 6.10   | 7.37#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090823\  
 Data File : BG058926.D  
 Acq On : 8 Sep 2023 20:58  
 Operator : MA/JU  
 Sample : 04227-21  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJ90

## Manual IntegrationsAPPROVED

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

Quant Time: Sep 09 03:54:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090823.MA.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.333  | 152  | 62132    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 11.176 | 136  | 270654   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.960 | 164  | 255502   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.704 | 188  | 721469m  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 22.034 | 240  | 606373   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 25.612 | 264  | 699789   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.638  | 96   | 6378m    | 4.924  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 4.073  | 84   | 47737    | 10.733 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.434  | 99   | 44823    | 7.274  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.651  | 67   | 116117   | 33.308 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.845  | 132  | 94371    | 25.673 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 9.008  | 113  | 74617    | 15.623 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.531  | 128  | 67474    | 42.324 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.242 | 143  | 70544    | 40.394 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.765 | 165  | 162459   | 32.064 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.317 | 131  | 177955   | 27.380 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.355 | 166  | 775007   | 39.294 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.660 | 160  | 771669   | 36.197 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.113 | 143  | 19671    | 7.549  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.947 | 176  | 710415   | 38.217 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.047 | 200  | 126786   | 38.599 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.810 | 188  | 1296603  | 39.508 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 20.078 | 212  | 1389916  | 39.524 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.366 | 264  | 1387976  | 40.264 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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