

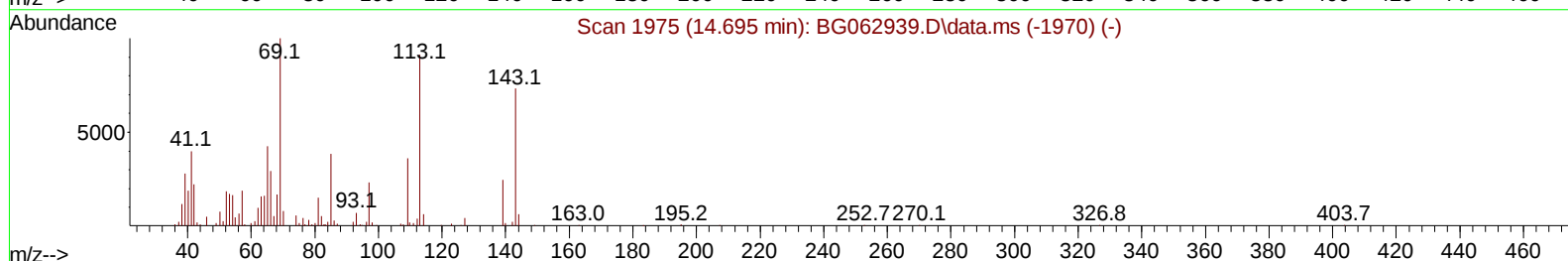
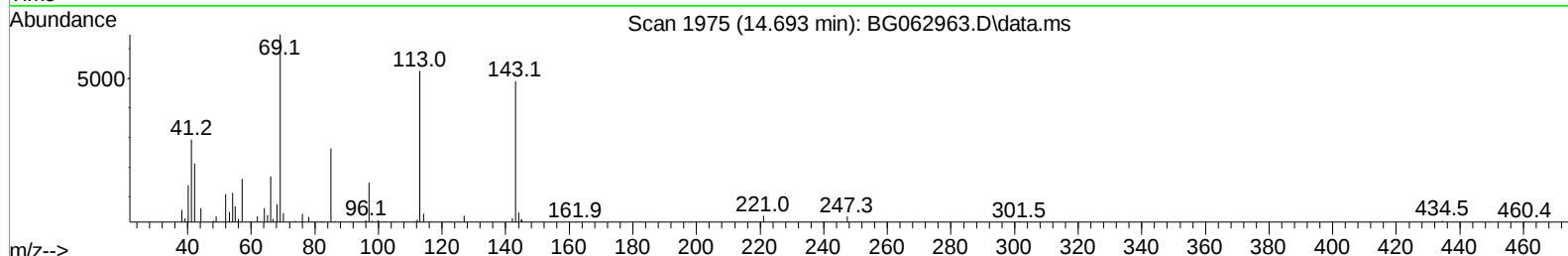
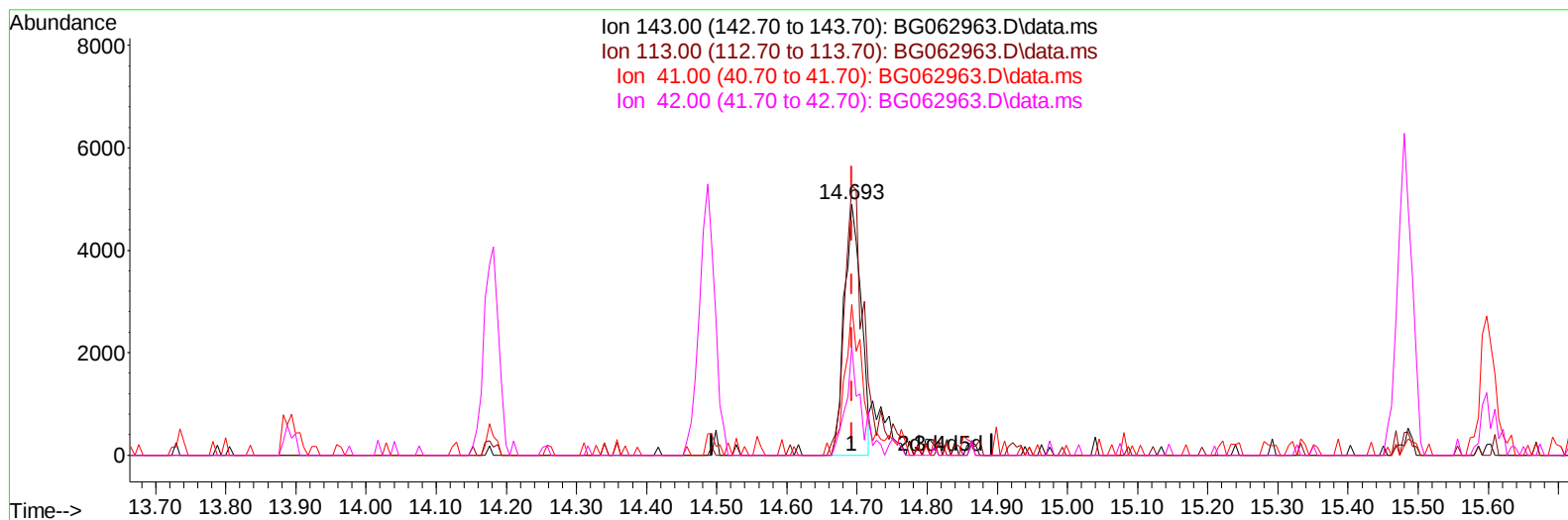
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091824\  
Data File : BG062963.D  
Acq On : 20 Sep 2024 4:42  
Operator : JU/RC  
Sample : P4013-01  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDCG8

Manual IntegrationsAPPROVED

Quant Time: Sep 20 05:17:05 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 18 00:45:18 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062963.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.693min (-0.000) 4.37 ng/u1**

**response 8239**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 101.50 | 107.18 |
| 41.00  | 49.70  | 59.92# |
| 42.00  | 34.20  | 43.45# |

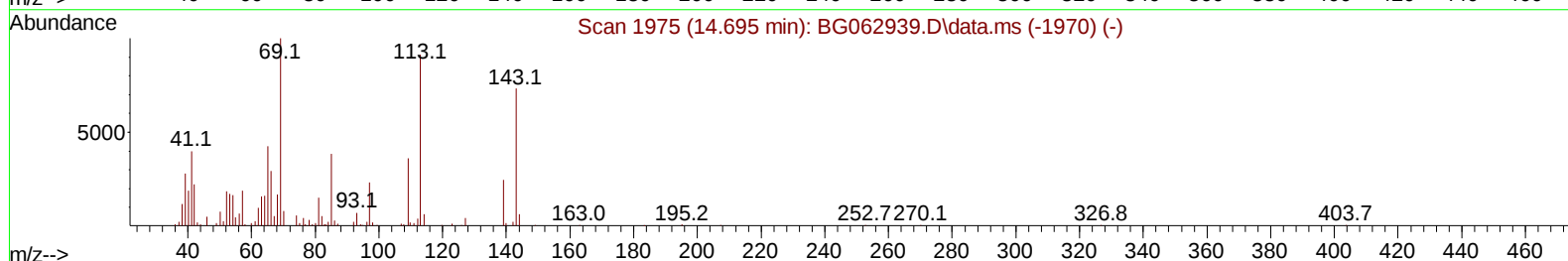
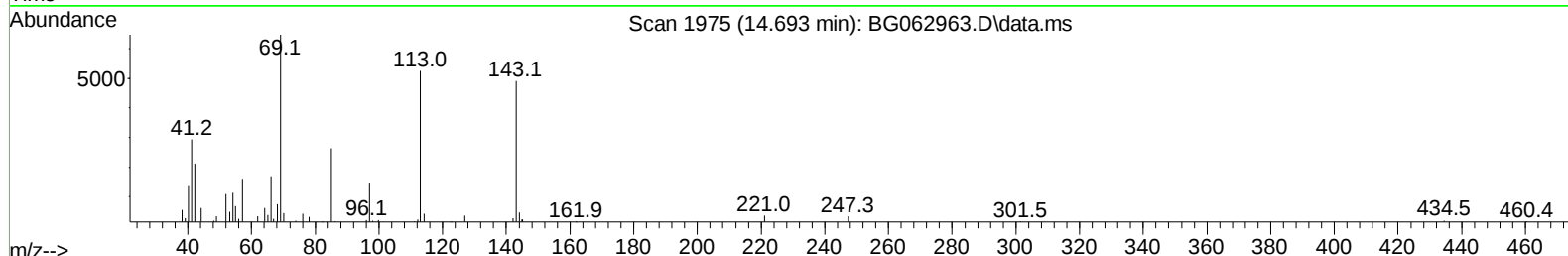
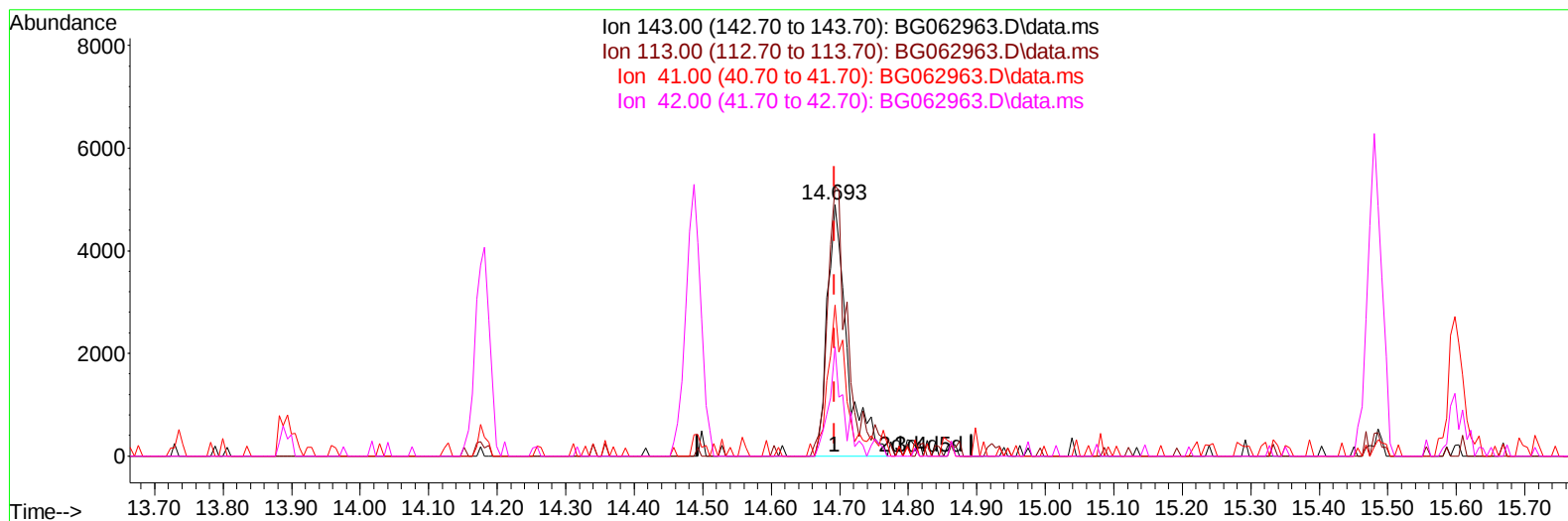
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091824\  
Data File : BG062963.D  
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Operator : JU/RC  
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Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDCG8

Manual IntegrationsAPPROVED

Quant Time: Sep 20 05:17:05 2024  
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TIC: BG062963.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.693min (-0.000) 5.29 ng/ul m

response 9966

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 101.50 | 107.18 |
| 41.00  | 49.70  | 59.92# |
| 42.00  | 34.20  | 43.45# |

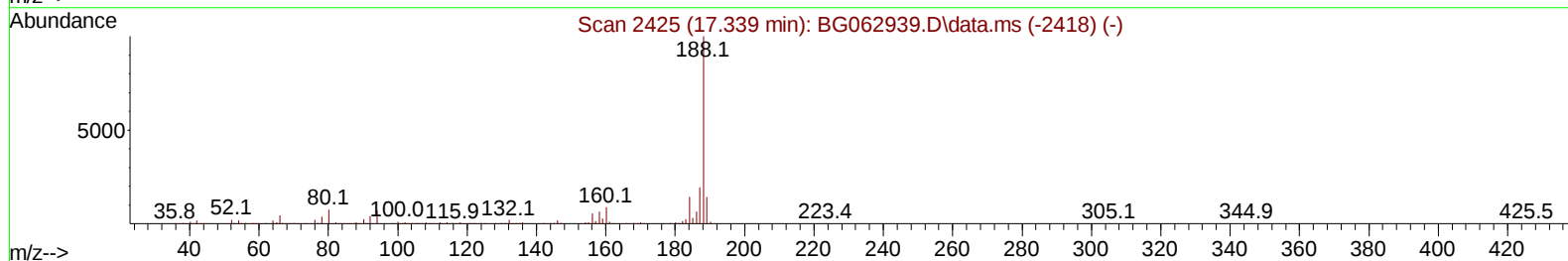
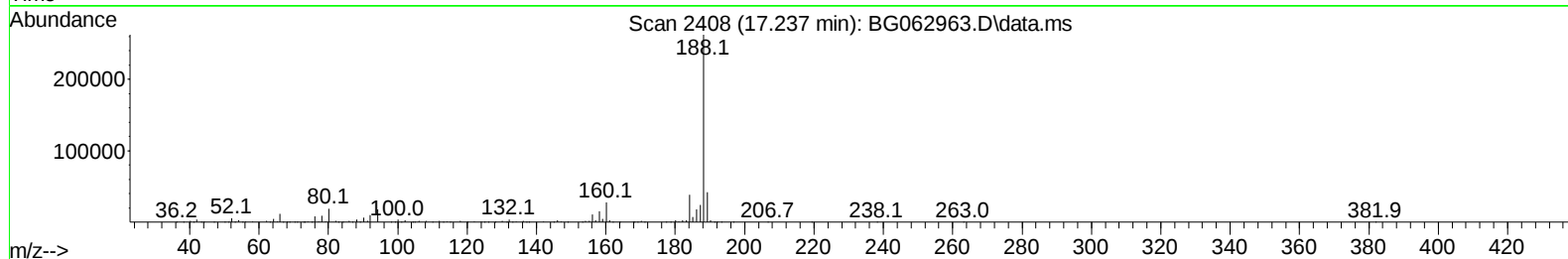
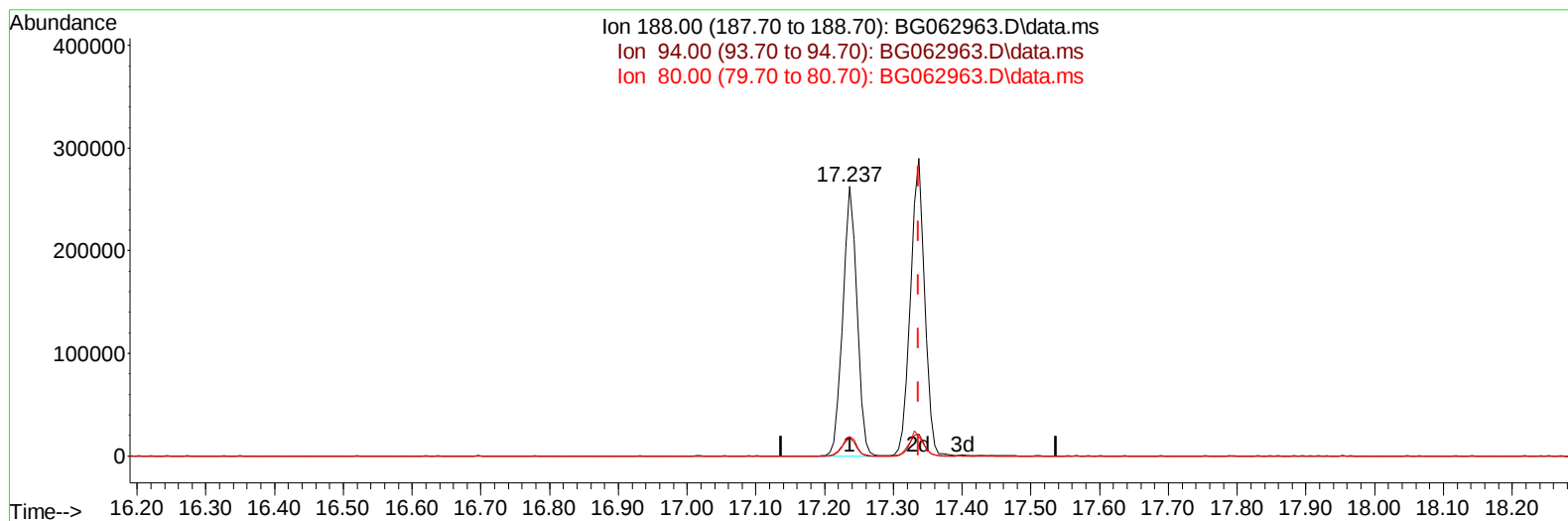
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091824\  
Data File : BG062963.D  
Acq On : 20 Sep 2024 4:42  
Operator : JU/RC  
Sample : P4013-01  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDCG8

Manual IntegrationsAPPROVED

Quant Time: Sep 20 05:17:05 2024  
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TIC: BG062963.D\data.ms

(73) Anthracene-d10 (S)

17.237min (-0.100) 21.16 ng/u1

response 376948

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 8.30   | 6.96   |
| 80.00  | 8.50   | 7.18   |
| 0.00   | 0.00   | 0.00   |

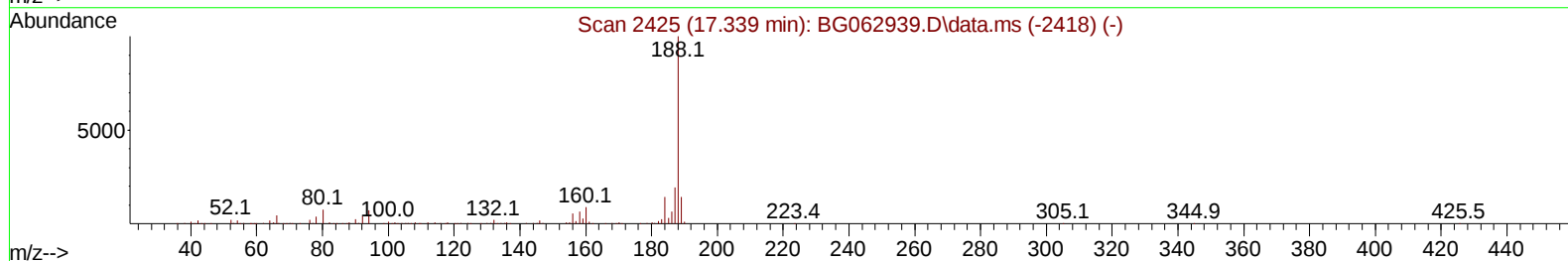
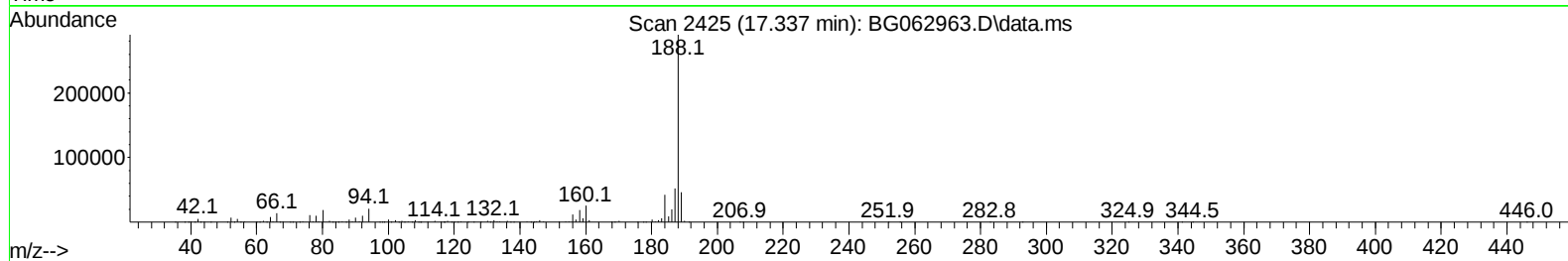
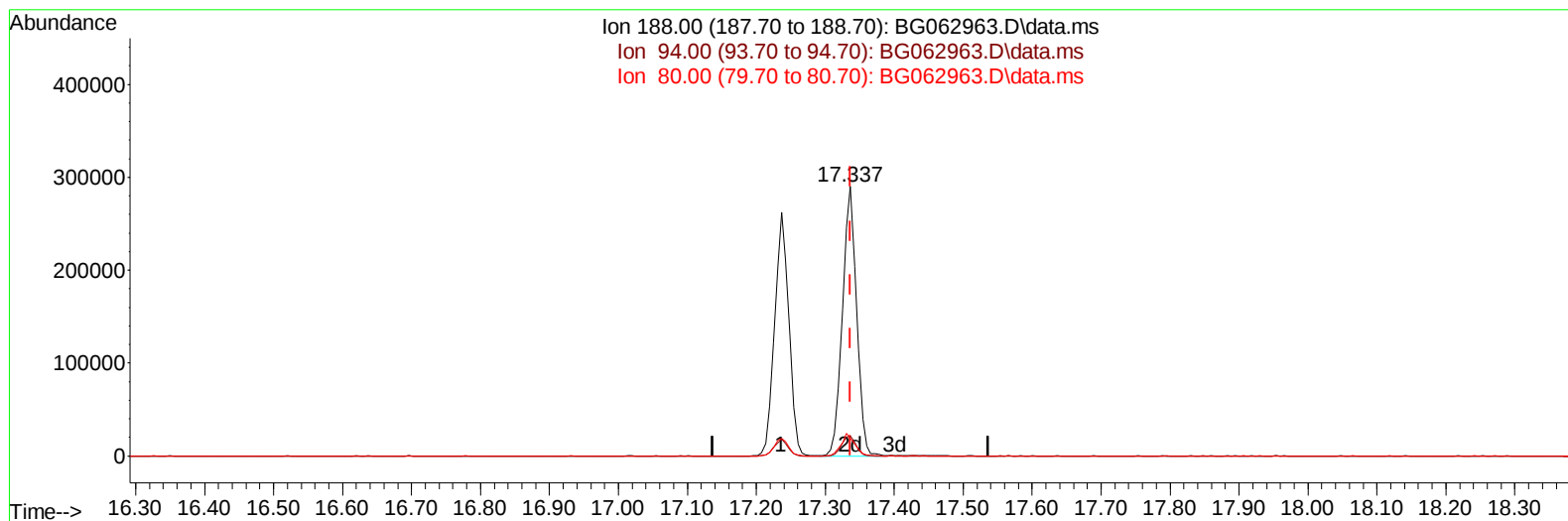
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091824\  
 Data File : BG062963.D  
 Acq On : 20 Sep 2024 4:42  
 Operator : JU/RC  
 Sample : P4013-01  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDCG8

Manual IntegrationsAPPROVED

Quant Time: Sep 20 05:17:05 2024  
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 Supervised By :mohammad ahmed 09/22/2024



TIC: BG062963.D\data.ms

**(73) Anthracene-d10 (S)**

17.337min (-0.000) 23.24 ng/ul m

response 414088

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 8.30   | 7.35   |
| 80.00  | 8.50   | 6.50#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091824\  
 Data File : BG062963.D  
 Acq On : 20 Sep 2024 4:42  
 Operator : JU/RC  
 Sample : P4013-01  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDCG8

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 05:18:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 44452    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.644 | 136  | 186736   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.487 | 164  | 158227   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.237 | 188  | 376948   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.485 | 240  | 382333   | 20.000 | ng/ul | # 0.00   |
| 88) Perylene-d12              | 24.528 | 264  | 461602   | 20.000 | ng/ul | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.329  | 96   | 4104     | 2.704  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.735  | 84   | 12552    | 3.047  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.025  | 99   | 25429    | 5.513  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.184  | 67   | 53164    | 20.596 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.389  | 132  | 58503    | 19.319 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.564  | 113  | 46791    | 13.848 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.011  | 128  | 31670    | 21.288 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.728  | 143  | 40278    | 23.865 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.262 | 165  | 73095    | 20.874 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.780 | 131  | 35584    | 8.166  | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.894 | 166  | 262875   | 22.341 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.176 | 160  | 283761   | 21.593 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.693 | 143  | 9966m    | 5.286  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.480 | 176  | 249918   | 22.812 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.603 | 200  | 46622    | 20.460 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.337 | 188  | 414088m  | 23.244 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.634 | 212  | 553628   | 23.908 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.317 | 264  | 565630   | 23.235 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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