

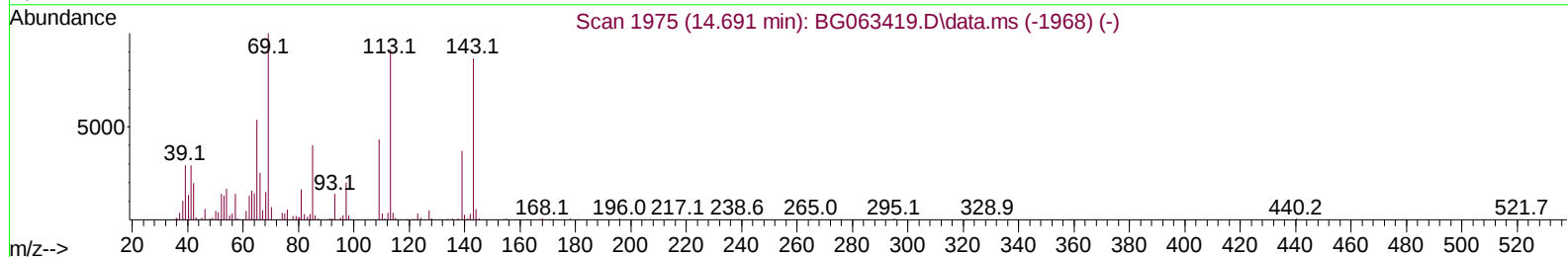
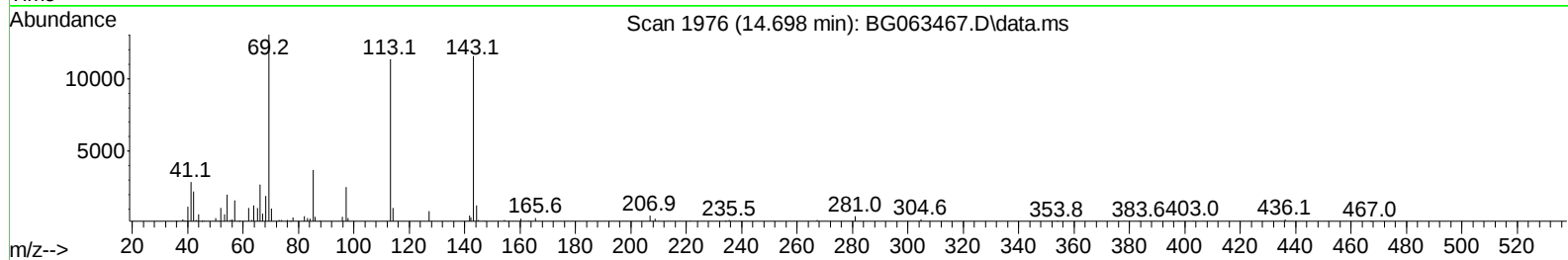
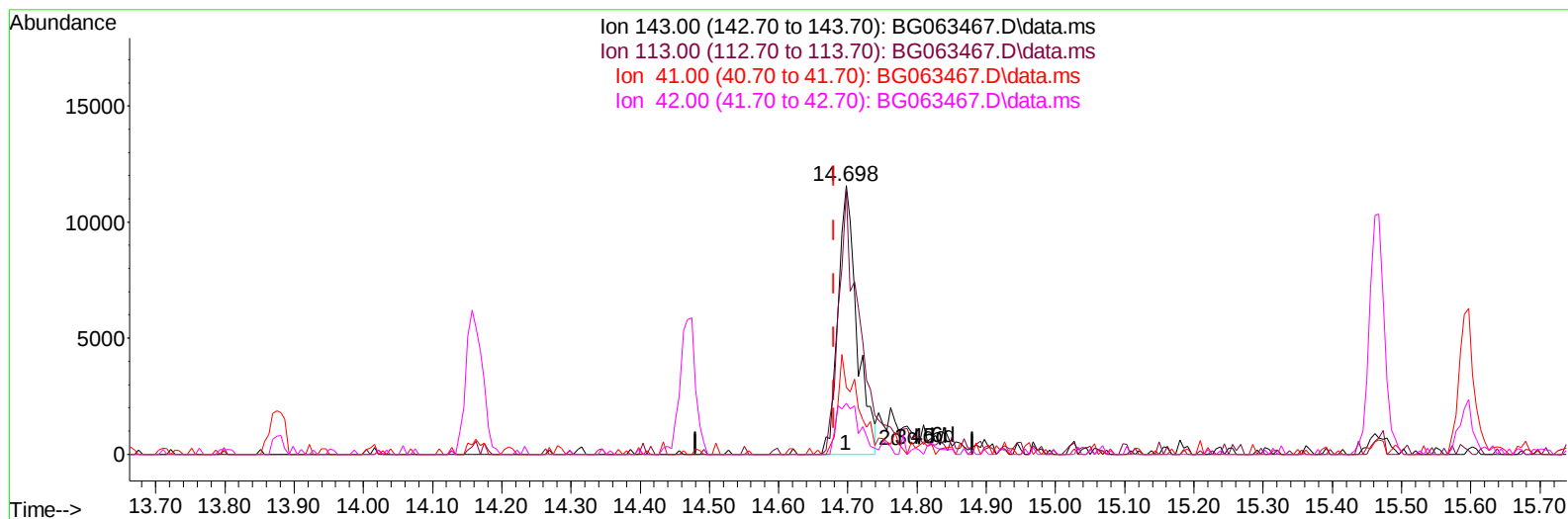
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111524\  
Data File : BG063467.D  
Acq On : 16 Nov 2024 19:44  
Operator : RC/JU  
Sample : P4829-18  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E29T0

Manual IntegrationsAPPROVED

Quant Time: Nov 17 01:44:02 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 06 15:45:52 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/18/2024  
Supervised By :mohammad ahmed 11/18/2024



TIC: BG063467.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.698min (+ 0.017) 7.24 ng/u1

response 22045

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 123.00 | 98.18# |
| 41.00  | 42.60  | 24.85# |
| 42.00  | 30.90  | 18.97# |

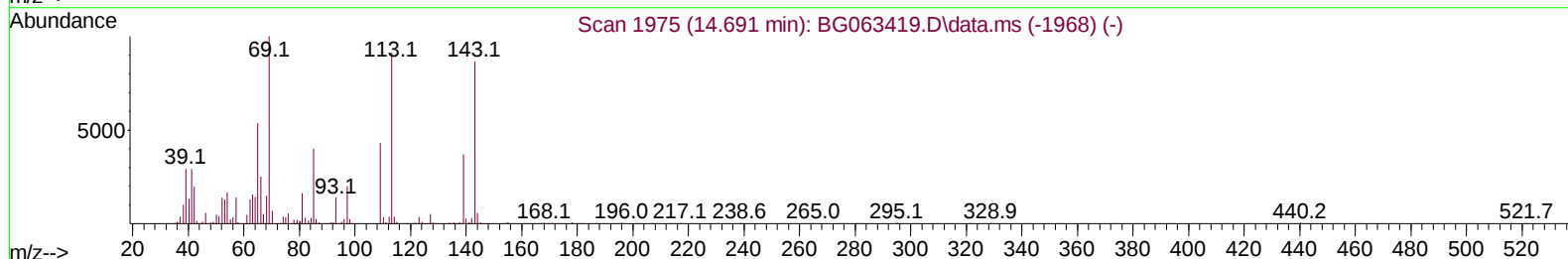
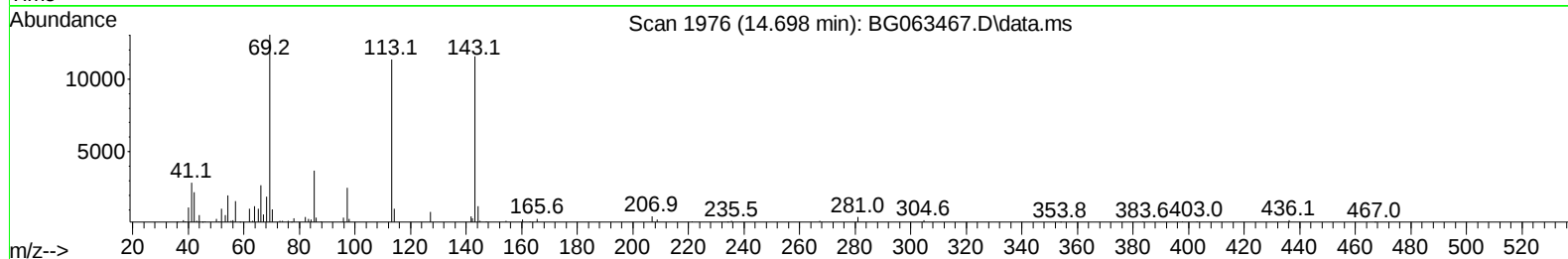
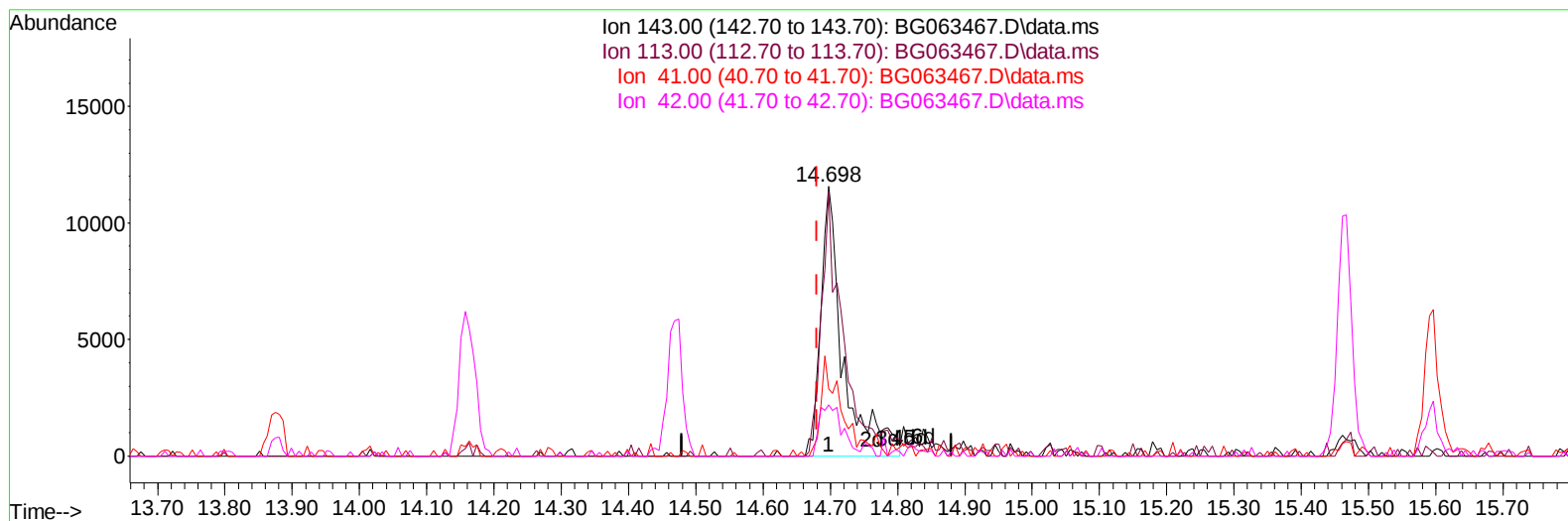
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111524\  
 Data File : BG063467.D  
 Acq On : 16 Nov 2024 19:44  
 Operator : RC/JU  
 Sample : P4829-18  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E29T0

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/18/2024  
 Supervised By :mohammad ahmed 11/18/2024



TIC: BG063467.D\data.ms

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

**14.698min (+ 0.017) 8.75 ng/ul m**

**response 26652**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 123.00 | 98.18# |
| 41.00  | 42.60  | 24.85# |
| 42.00  | 30.90  | 18.97# |

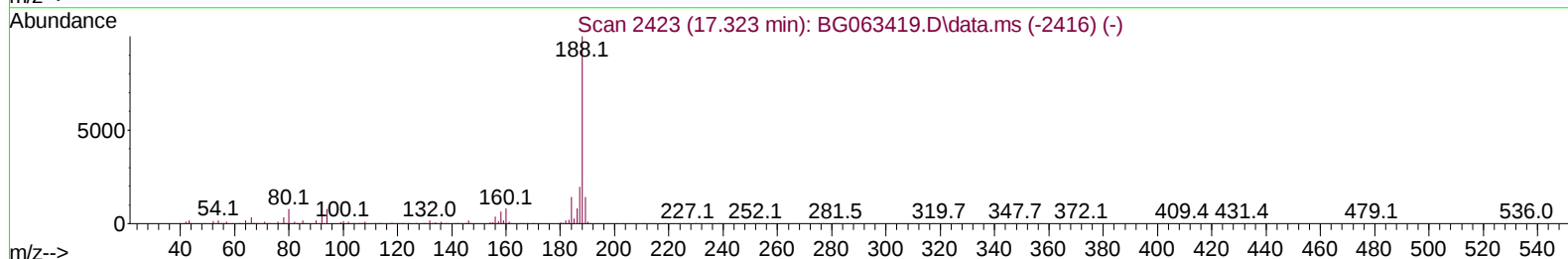
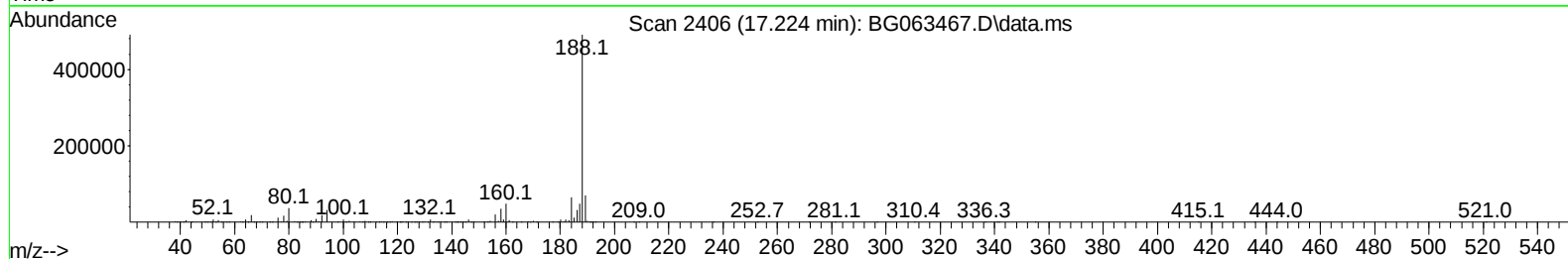
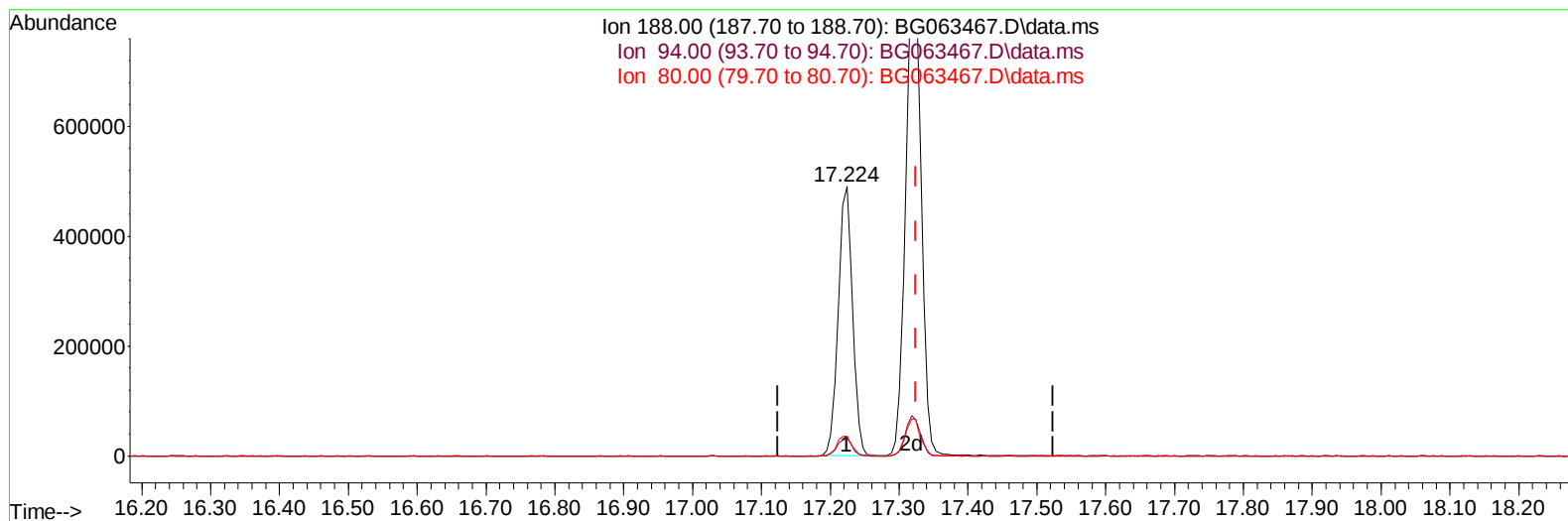
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111524\  
Data File : BG063467.D  
Acq On : 16 Nov 2024 19:44  
Operator : RC/JU  
Sample : P4829-18  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E29T0

Manual IntegrationsAPPROVED

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TIC: BG063467.D\data.ms

(73) Anthracene-d10 (S)

17.224min (-0.100) 23.27 ng/u1

response 709580

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 6.70   | 6.42   |
| 80.00  | 6.30   | 7.51   |
| 0.00   | 0.00   | 0.00   |

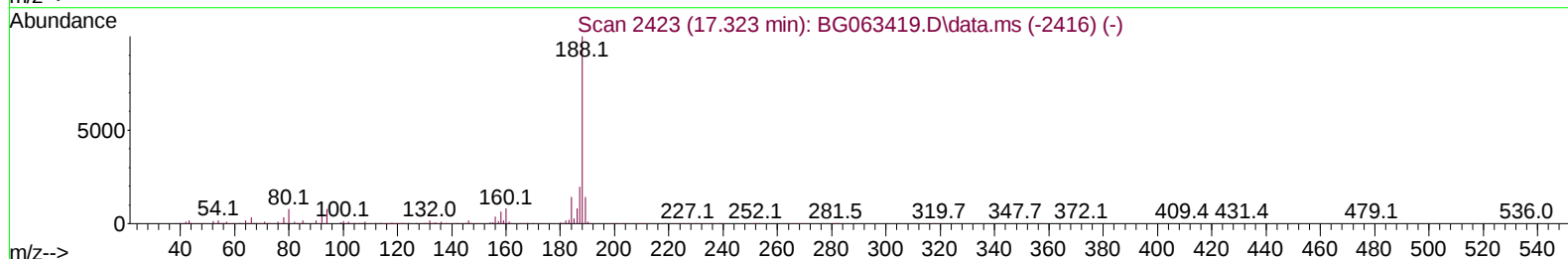
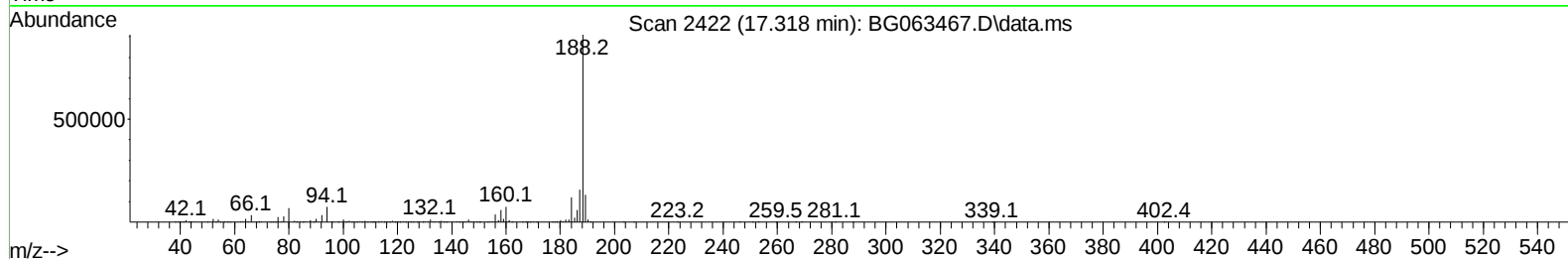
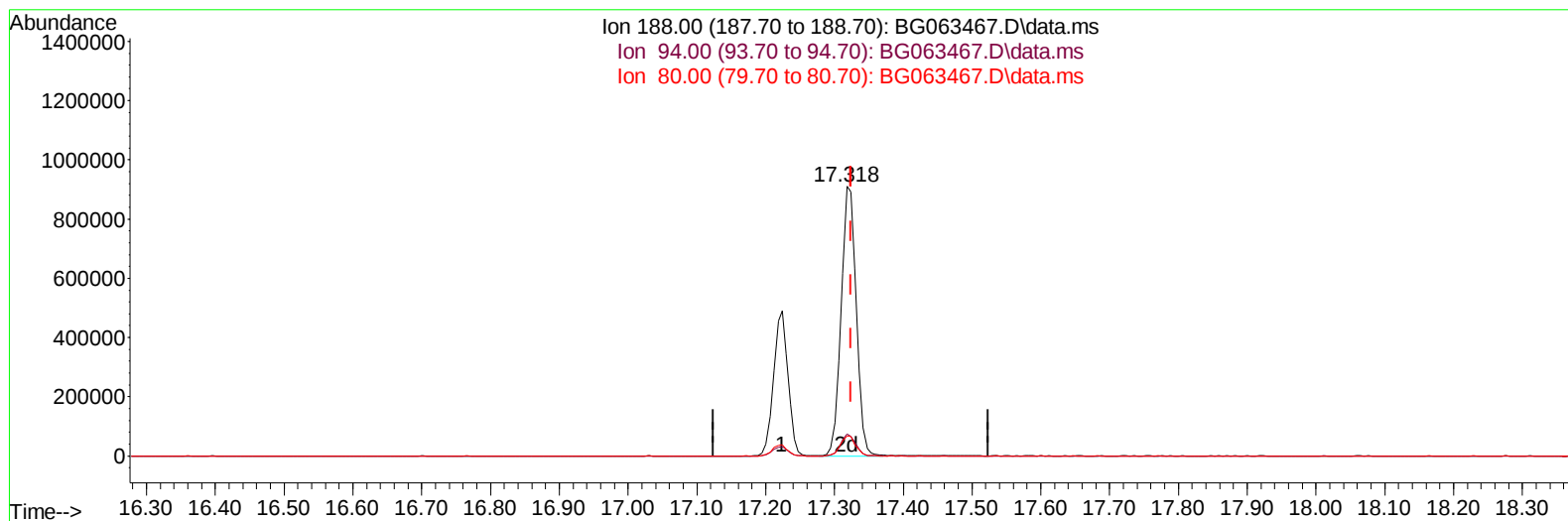
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111524\  
Data File : BG063467.D  
Acq On : 16 Nov 2024 19:44  
Operator : RC/JU  
Sample : P4829-18  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E29T0

Manual IntegrationsAPPROVED

Quant Time: Nov 17 01:44:02 2024  
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Supervised By :mohammad ahmed 11/18/2024



TIC: BG063467.D\data.ms

(73) Anthracene-d10 (S)

17.318min (-0.006) 45.60 ng/u1 m

response 1390766

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 6.70   | 8.11#  |
| 80.00  | 6.30   | 7.43   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111524\  
 Data File : BG063467.D  
 Acq On : 16 Nov 2024 19:44  
 Operator : RC/JU  
 Sample : P4829-18  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E29T0

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024  
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 17 06:31:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 06 15:45:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.829  | 152  | 81277    | 20.000 | ng/ul | -0.01    |
| 20) Naphthalene-d8            | 10.620 | 136  | 344001   | 20.000 | ng/ul | # 0.00   |
| 38) Acenaphthene-d10          | 14.468 | 164  | 283991   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.224 | 188  | 709580   | 20.000 | ng/ul | # 0.00   |
| 79) Chrysene-d12              | 21.478 | 240  | 764536   | 20.000 | ng/ul | # 0.00   |
| 88) Perylene-d12              | 24.515 | 264  | 824045   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 10962    | 6.099  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.710  | 84   | 45596    | 7.675  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.012  | 99   | 71664    | 9.771  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.165  | 67   | 159311   | 37.033 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.371  | 132  | 160440   | 33.704 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.546  | 113  | 144925   | 23.314 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.987  | 128  | 98026    | 40.533 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.709  | 143  | 122427   | 39.168 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.250 | 165  | 228985   | 37.330 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.761 | 131  | 202780   | 25.380 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.875 | 166  | 821300   | 36.920 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.163 | 160  | 881493   | 40.485 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.698 | 143  | 26652m   | 8.751  | ng/ul | 0.02     |
| 60) Fluorene-d10              | 15.467 | 176  | 754216   | 40.173 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.591 | 200  | 147965   | 33.179 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.318 | 188  | 1390766m | 45.604 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.621 | 212  | 1771931  | 46.226 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.304 | 264  | 1786041  | 44.891 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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