

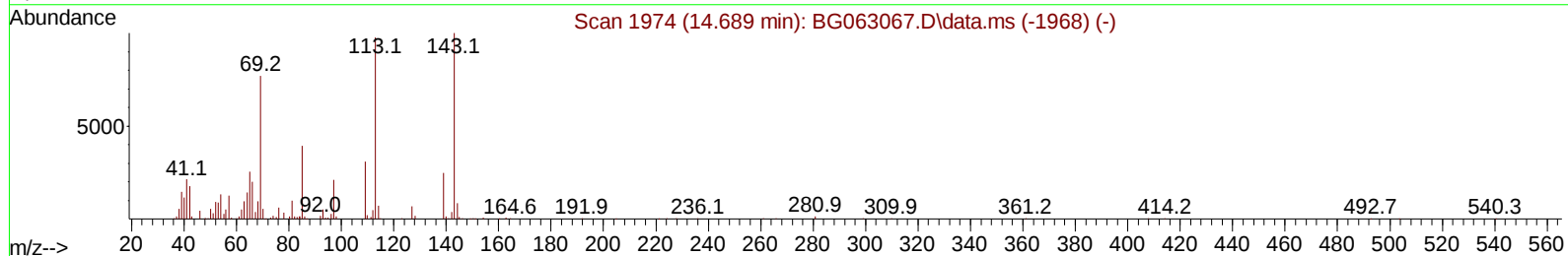
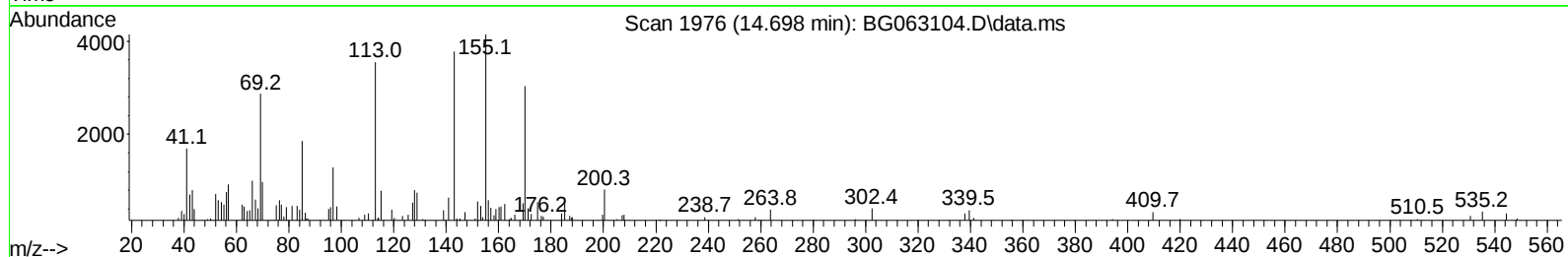
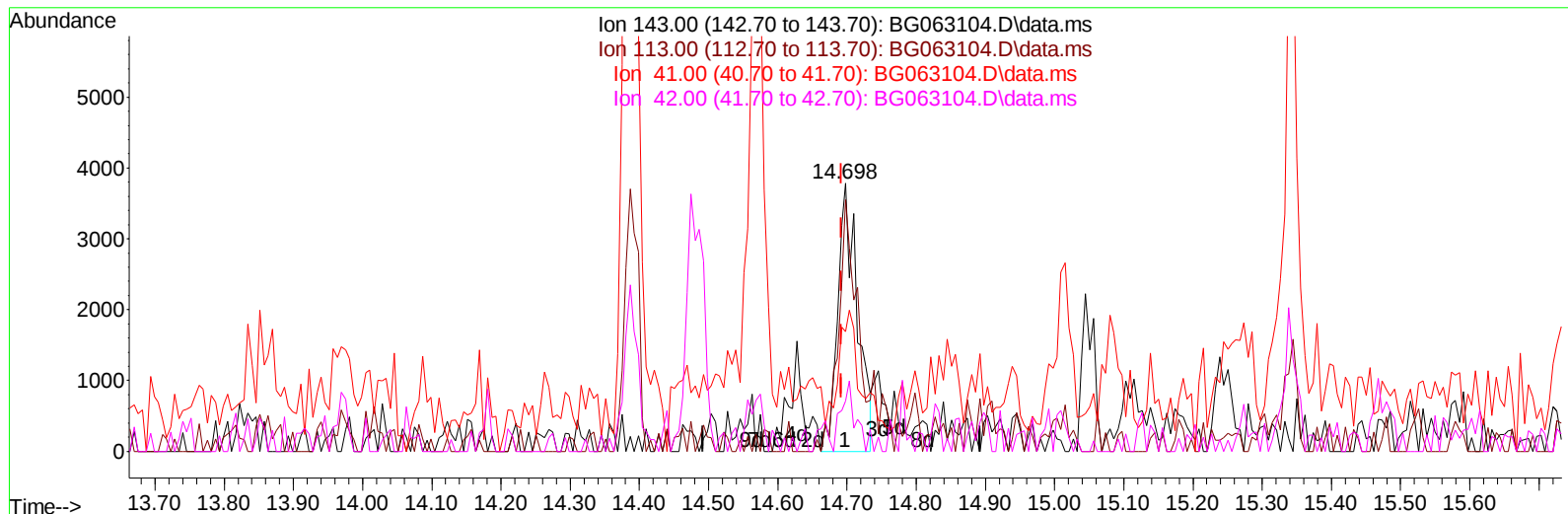
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
Data File : BG063104.D  
Acq On : 28 Sep 2024 12:29  
Operator : RC/JU  
Sample : P3910-07DL 10X  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC17DL

Manual IntegrationsAPPROVED

Quant Time: Sep 28 23:24:12 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 25 13:16:45 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/30/2024  
Supervised By :mohammad ahmed 10/01/2024



TIC: BG063104.D\data.ms

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

**14.698min (+ 0.006) 2.04 ng/u1**

**response 7502**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 120.10 | 94.05# |
| 41.00  | 30.30  | 44.79# |
| 42.00  | 17.10  | 18.69  |

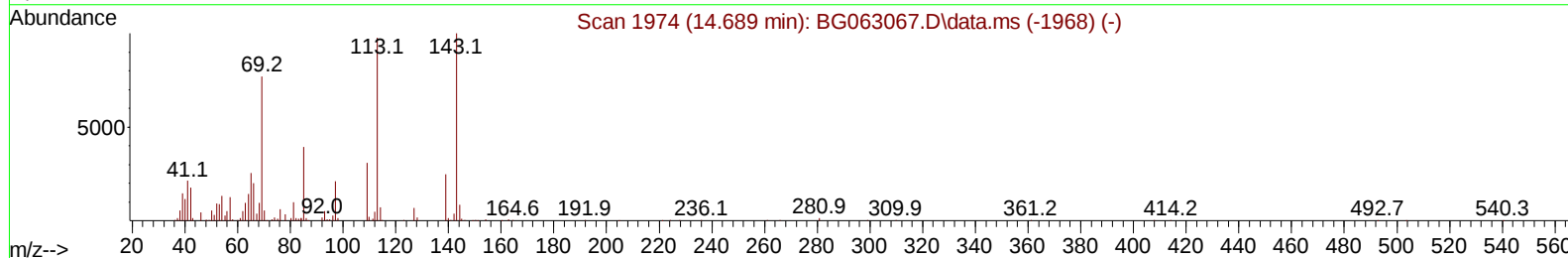
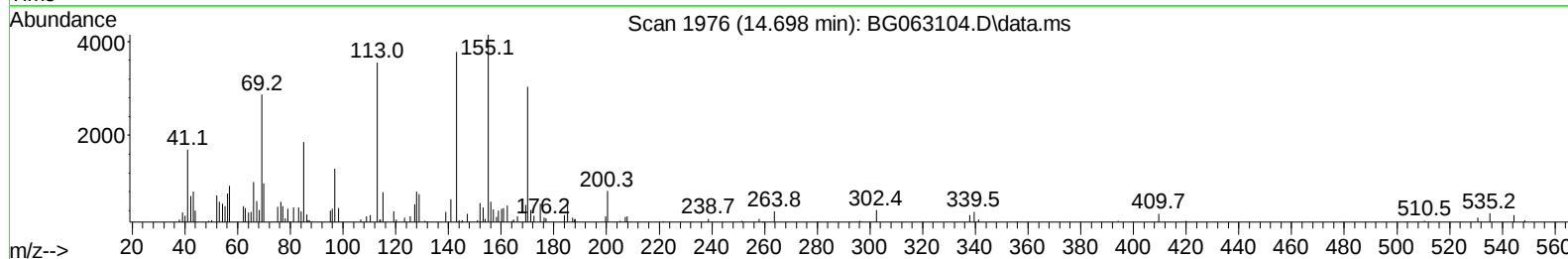
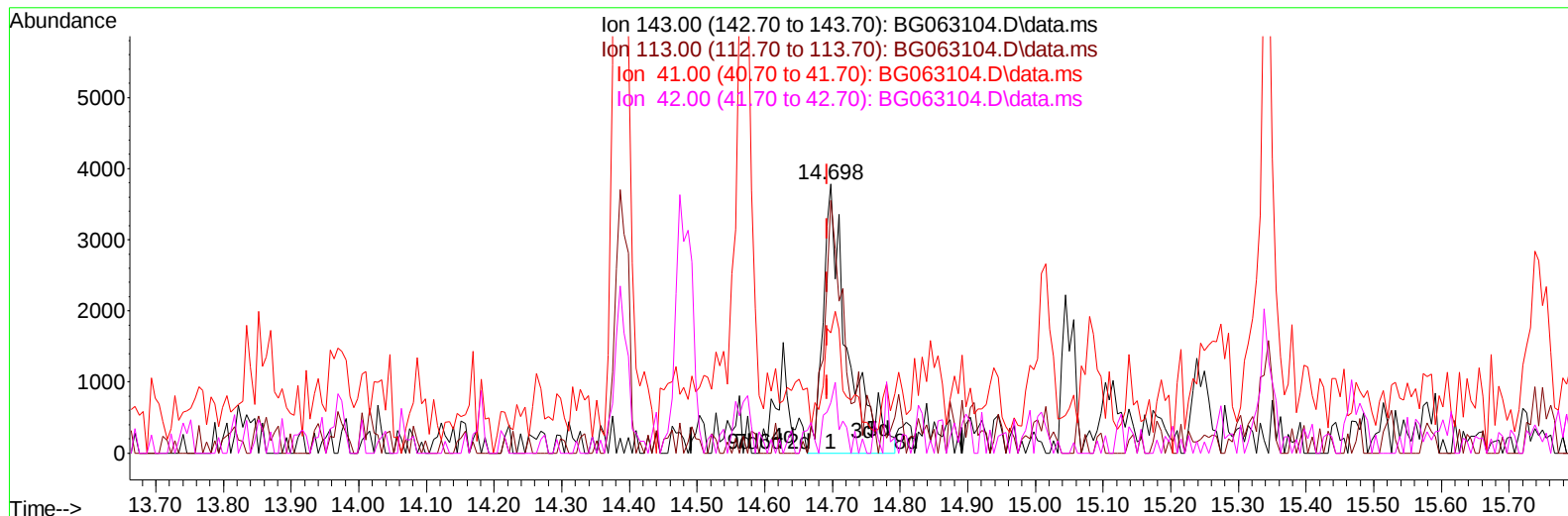
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
 Data File : BG063104.D  
 Acq On : 28 Sep 2024 12:29  
 Operator : RC/JU  
 Sample : P3910-07DL 10X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC17DL

Manual IntegrationsAPPROVED

Quant Time: Sep 28 23:24:12 2024  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 25 13:16:45 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/30/2024  
 Supervised By :mohammad ahmed 10/01/2024



TIC: BG063104.D\data.ms

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

**14.698min (+ 0.006) 2.59 ng/ul m**

**response 9554**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 120.10 | 94.05# |
| 41.00  | 30.30  | 44.79# |
| 42.00  | 17.10  | 18.69  |

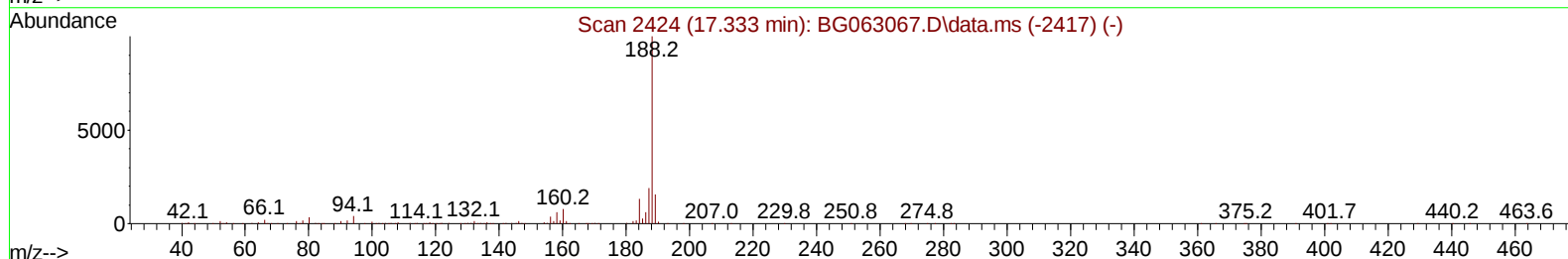
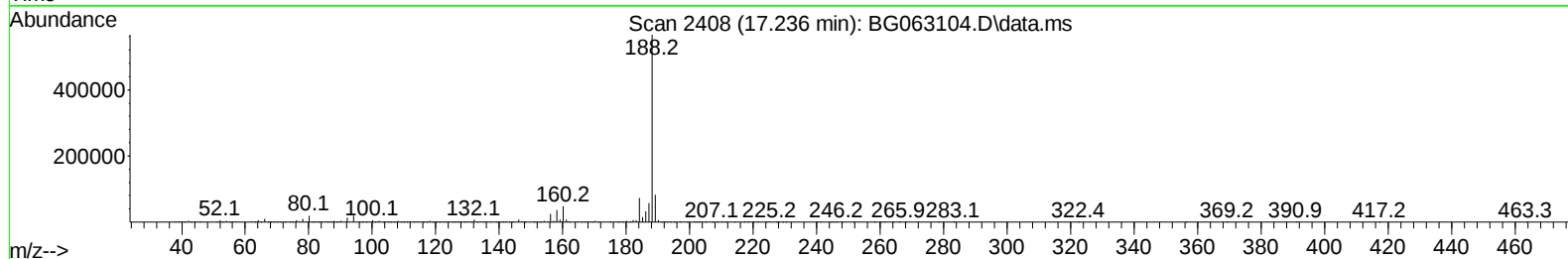
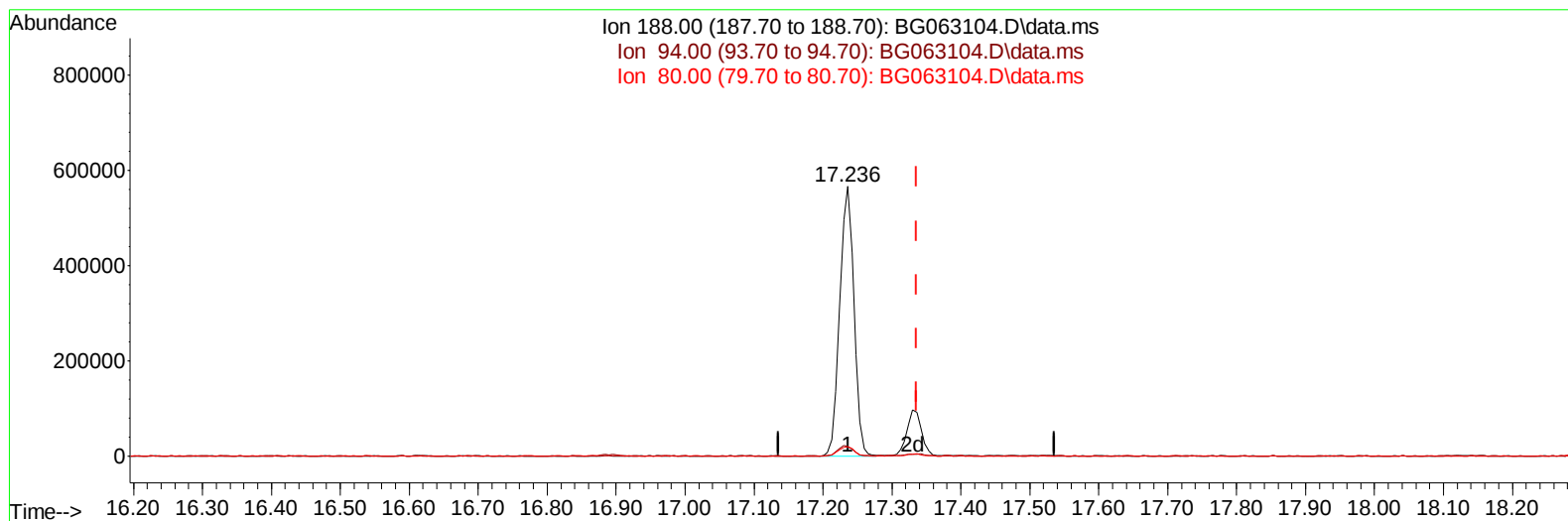
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
 Data File : BG063104.D  
 Acq On : 28 Sep 2024 12:29  
 Operator : RC/JU  
 Sample : P3910-07DL 10X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC17DL

Manual IntegrationsAPPROVED

Quant Time: Sep 28 23:24:12 2024  
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TIC: BG063104.D\data.ms

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

**17.236min (-0.100) 20.84 ng/u1**

**response 806274**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 3.30   | 3.51   |
| 80.00  | 3.00   | 3.52   |
| 0.00   | 0.00   | 0.00   |

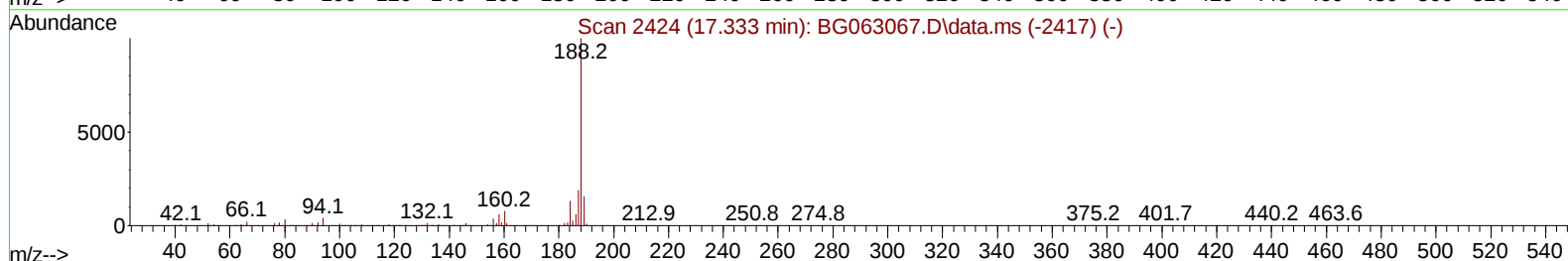
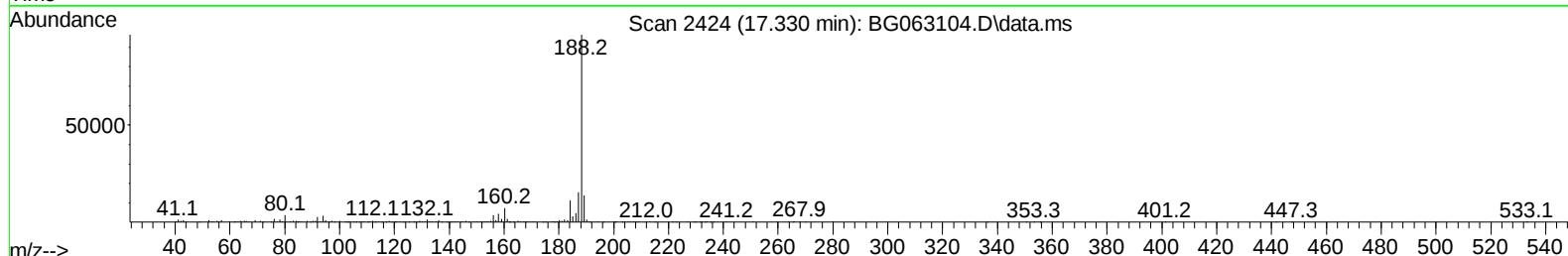
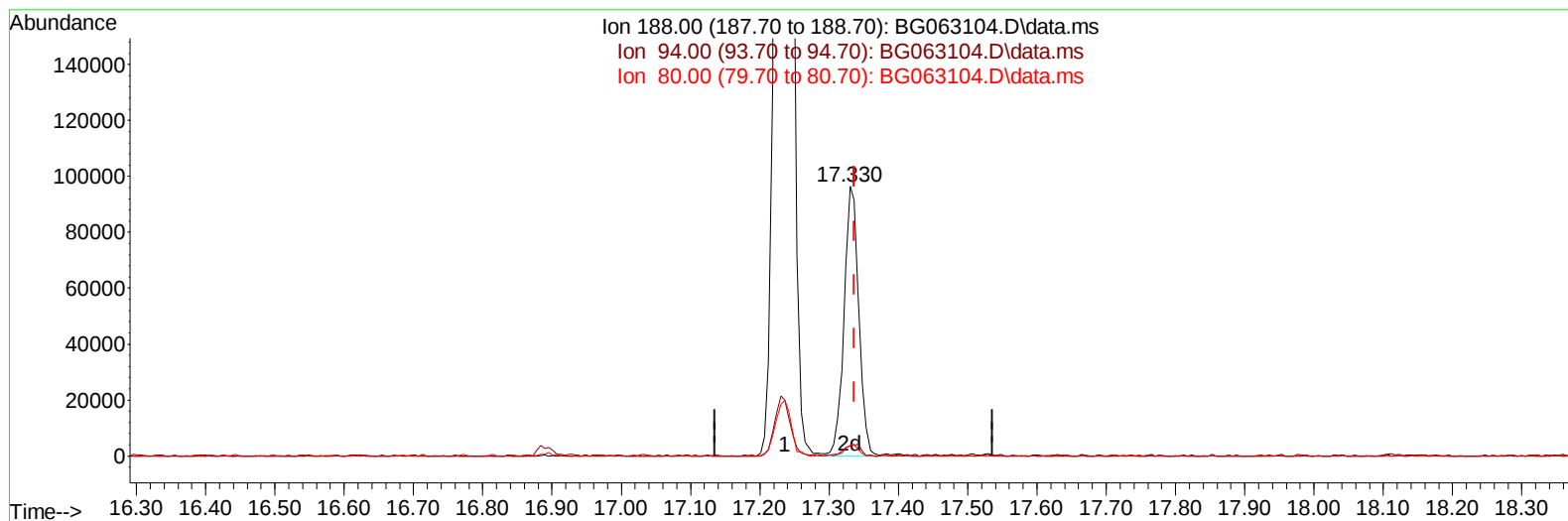
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
 Data File : BG063104.D  
 Acq On : 28 Sep 2024 12:29  
 Operator : RC/JU  
 Sample : P3910-07DL 10X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Sep 28 23:24:12 2024  
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TIC: BG063104.D\data.ms

(73) Anthracene-d10 (S)

17.330min (-0.006) 3.68 ng/u1 m

response 142493

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 3.30   | 3.69   |
| 80.00  | 3.00   | 4.01#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
 Data File : BG063104.D  
 Acq On : 28 Sep 2024 12:29  
 Operator : RC/JU  
 Sample : P3910-07DL 10X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC17DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024  
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 23:52:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 25 13:16:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.853  | 152  | 74566    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.638 | 136  | 334398   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.486 | 164  | 307104   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.236 | 188  | 806274   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.484 | 240  | 873321   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.528 | 264  | 1041996  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000  | ng/uL  |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 7.019  | 99   | 12869    | 2.794  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.177  | 67   | 3582     | 1.991  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.383  | 132  | 10347    | 2.286  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.558  | 113  | 11784    | 2.834  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.005  | 128  | 5409     | 2.200  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.727  | 143  | 5683     | 1.810  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.262 | 165  | 16189    | 2.470  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.779 | 131  | 19602    | 2.549  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.887 | 166  | 78295    | 3.206  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.175 | 160  | 78179    | 3.021  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.698 | 143  | 9554m    | 2.594  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.479 | 176  | 75976    | 3.396  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.603 | 200  | 10423    | 1.850  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.330 | 188  | 142493m  | 3.684  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.627 | 212  | 184610   | 3.754  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.316 | 264  | 200501   | 3.593  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 58) 2,3,4,6-Tetrachlorophenol | 15.115 | 232  | 35379    | 4.390  | ng/ul# | 92       |
| 71) Pentachlorophenol         | 16.889 | 266  | 409655   | 59.714 | ng/ul  | 86       |
| -----                         |        |      |          |        |        |          |

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

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## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024  
Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 23:52:36 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092524.MA.M  
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