

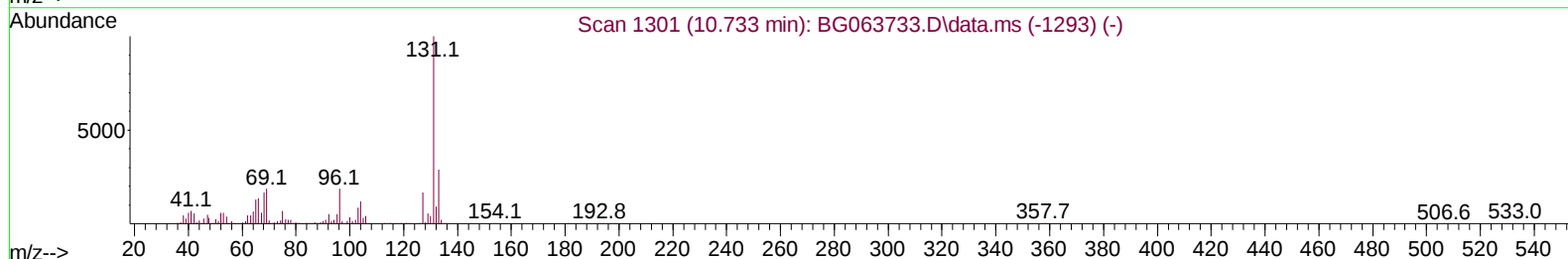
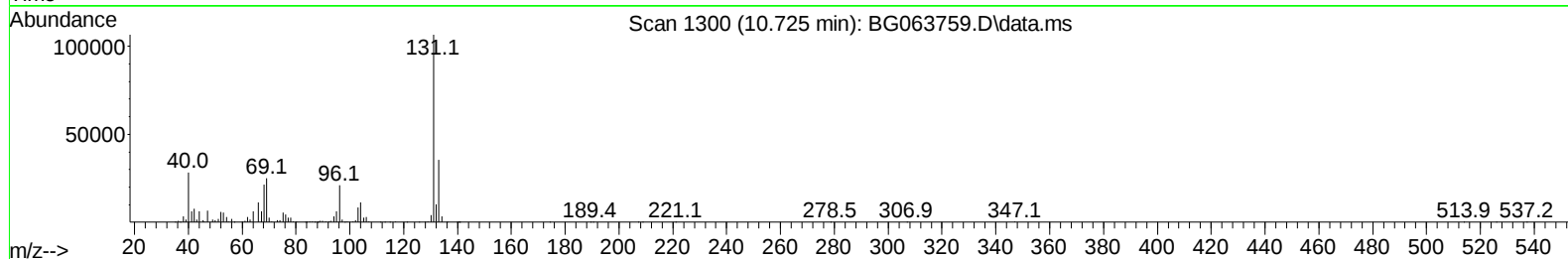
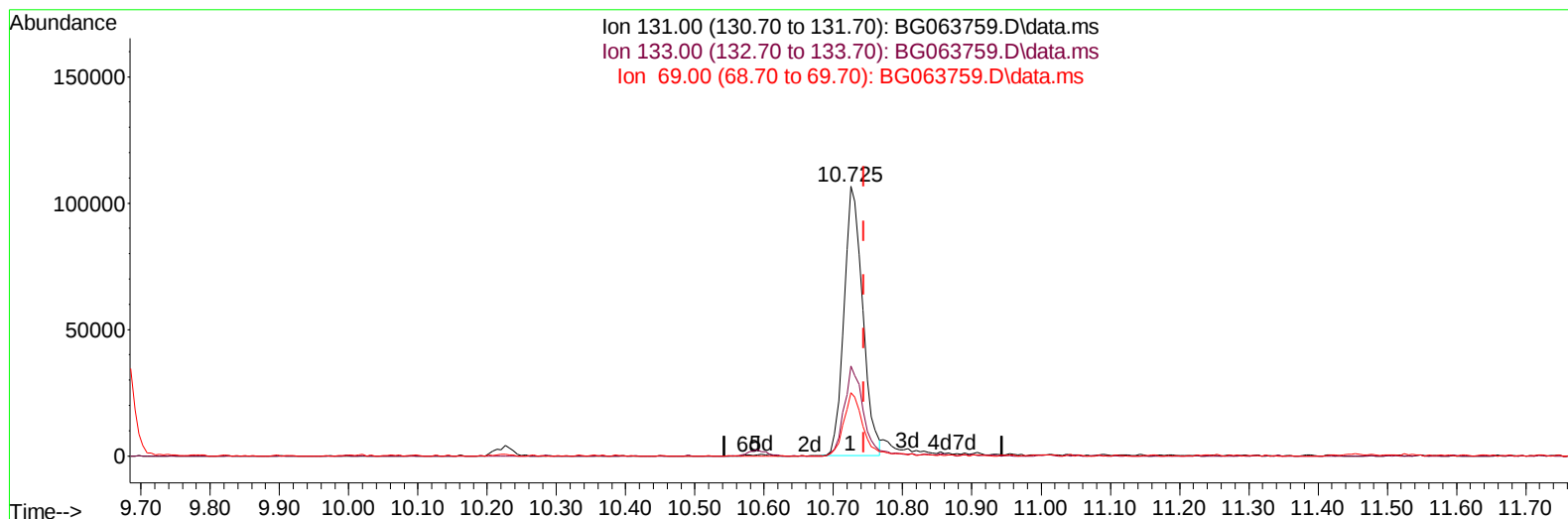
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121824\  
Data File : BG063759.D  
Acq On : 19 Dec 2024 19:37  
Operator : RC/JU  
Sample : P5348-03  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E1PK6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 21:39:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Dec 11 23:59:23 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BG063759.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.725min (-0.018) 22.17 ng/ul**

**response 199494**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.30  | 33.30  |
| 69.00  | 23.80  | 23.41  |
| 0.00   | 0.00   | 0.00   |

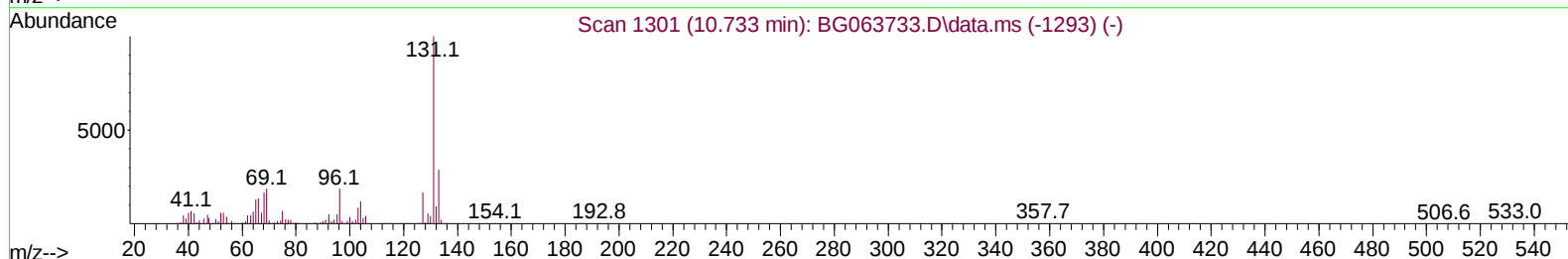
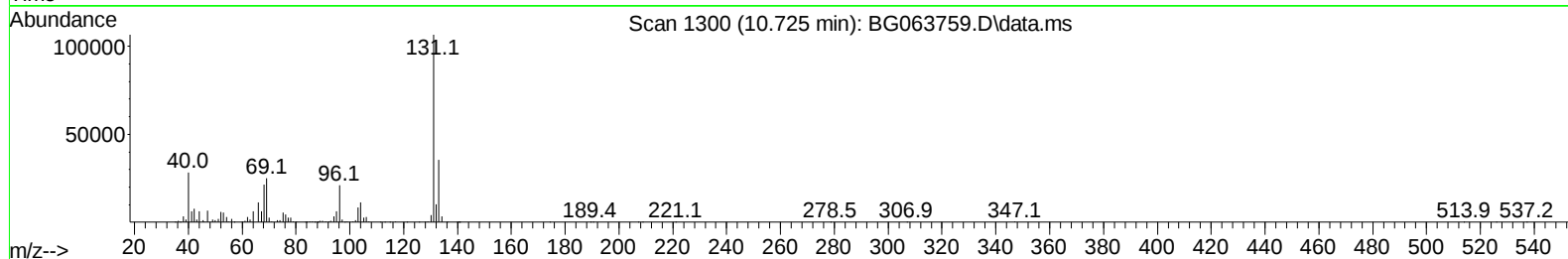
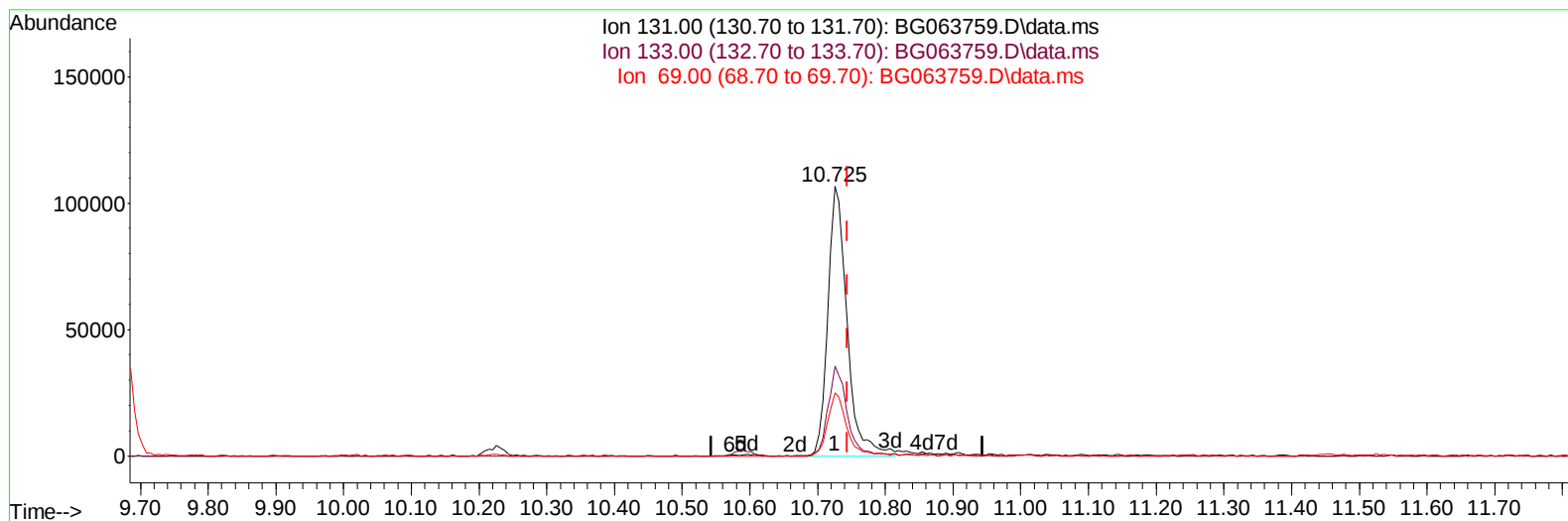
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121824\  
 Data File : BG063759.D  
 Acq On : 19 Dec 2024 19:37  
 Operator : RC/JU  
 Sample : P5348-03  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E1PK6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 21:39:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 11 23:59:23 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024



TIC: BG063759.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

10.725min (-0.018) 23.36 ng/ul m

response 210148

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.30  | 33.30  |
| 69.00  | 23.80  | 23.41  |
| 0.00   | 0.00   | 0.00   |

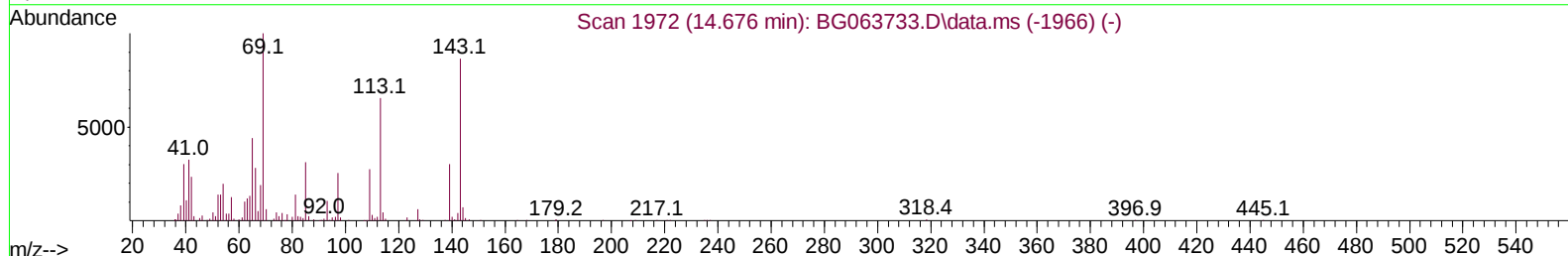
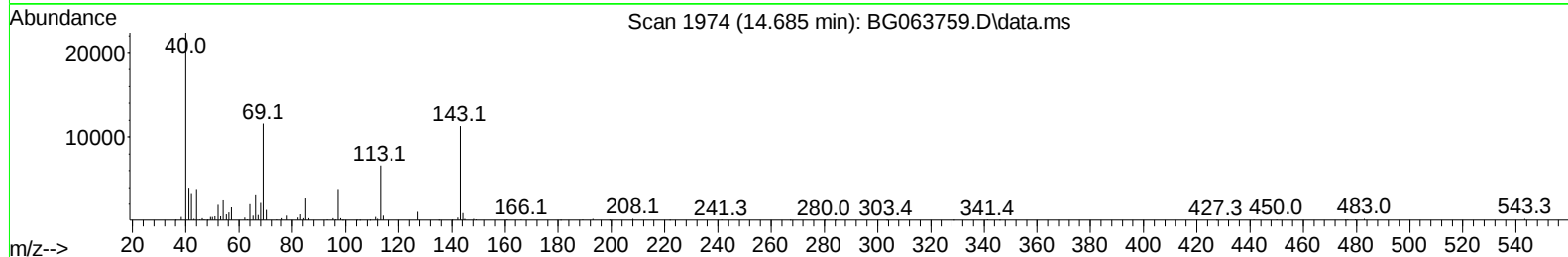
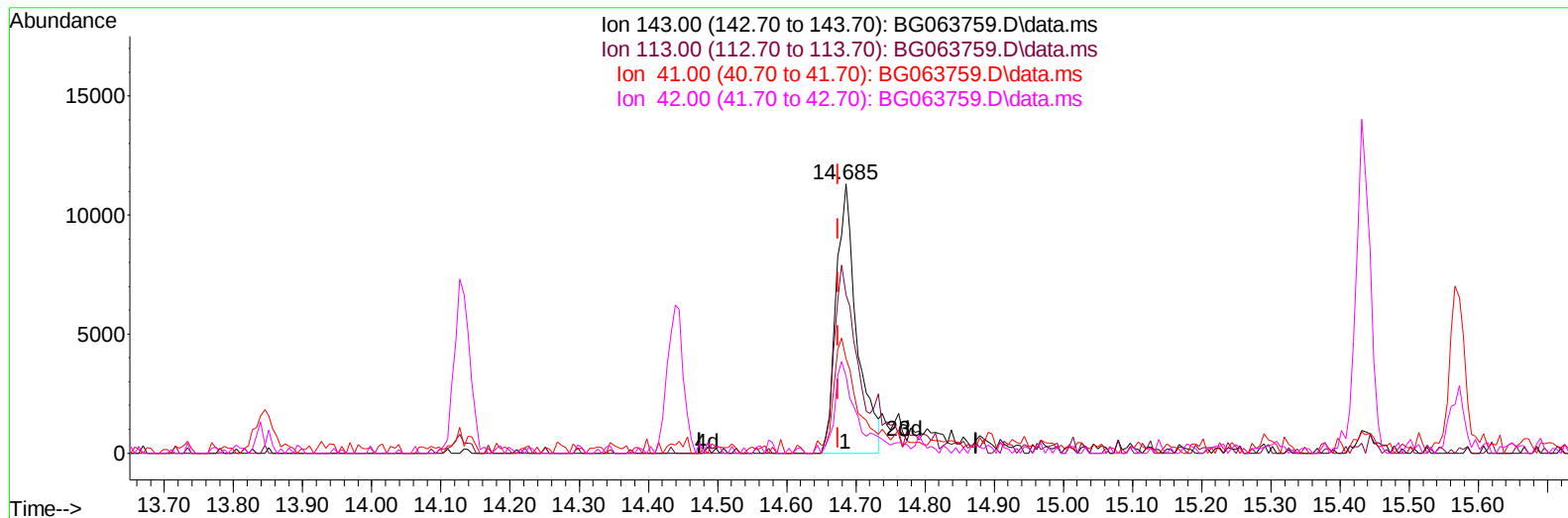
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121824\  
Data File : BG063759.D  
Acq On : 19 Dec 2024 19:37  
Operator : RC/JU  
Sample : P5348-03  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E1PK6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 21:39:14 2024  
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Quant Title : SVOA CALIBRATION  
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TIC: BG063759.D\data.ms

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

14.685min (+ 0.011) 7.07 ng/u1

response 23482

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 89.70  | 58.82# |
| 41.00  | 48.20  | 35.03# |
| 42.00  | 26.60  | 28.57  |

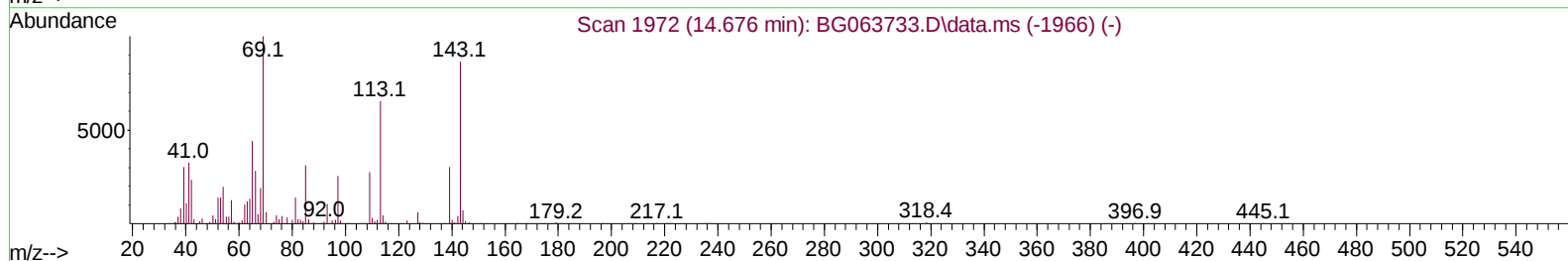
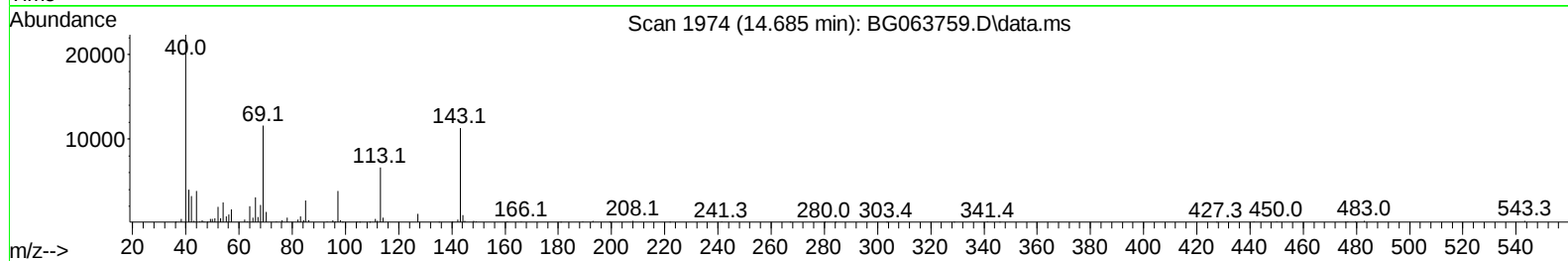
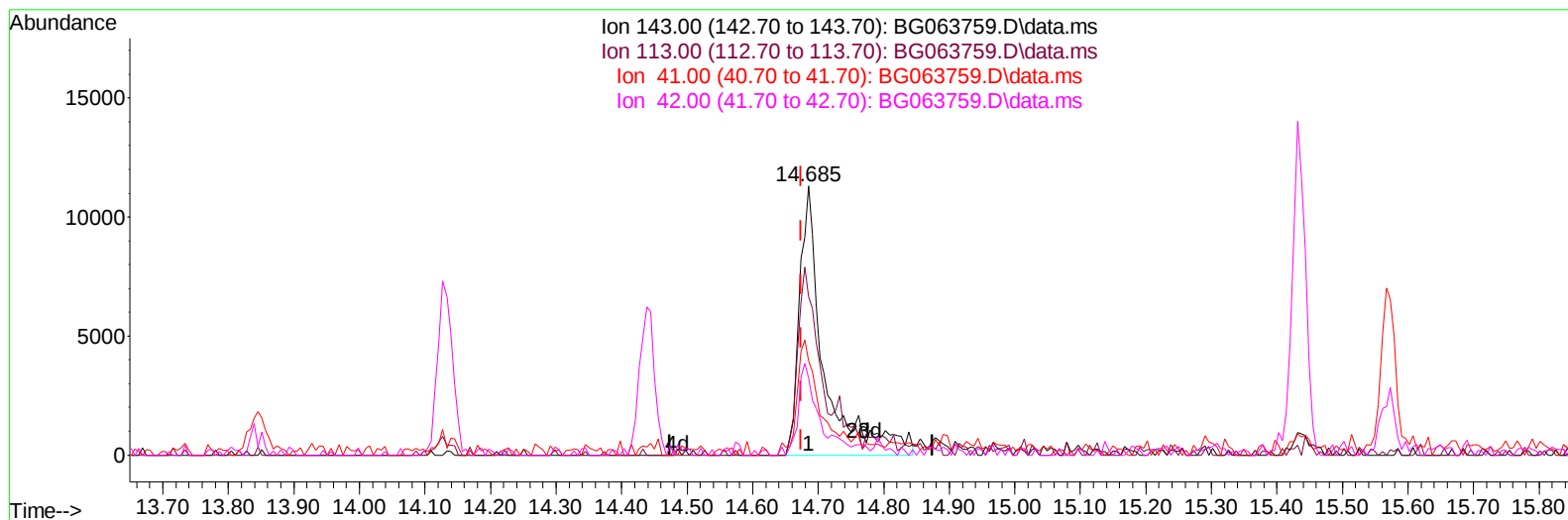
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121824\  
Data File : BG063759.D  
Acq On : 19 Dec 2024 19:37  
Operator : RC/JU  
Sample : P5348-03  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E1PK6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 21:39:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Dec 11 23:59:23 2024  
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Supervised By :mohammad ahmed 12/21/2024



TIC: BG063759.D\data.ms

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

**14.685min (+ 0.011) 8.98 ng/ul m**

**response 29817**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 89.70  | 58.82# |
| 41.00  | 48.20  | 35.03# |
| 42.00  | 26.60  | 28.57  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121824\  
 Data File : BG063759.D  
 Acq On : 19 Dec 2024 19:37  
 Operator : RC/JU  
 Sample : P5348-03  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E1PK6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 21:42:06 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 11 23:59:23 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024

| Compound                      | R.T.   | Q   | Ion | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|-------|----------|
| -----                         |        |     |     |          |        |       |          |
| Internal Standards            |        |     |     |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.799  | 152 |     | 110754   | 20.000 | ng/ul | -0.01    |
| 20) Naphthalene-d8            | 10.590 | 136 |     | 457285   | 20.000 | ng/ul | -0.01    |
| 38) Acenaphthene-d10          | 14.439 | 164 |     | 344364   | 20.000 | ng/ul | -0.01    |
| 64) Phenanthrene-d10          | 17.188 | 188 |     | 896016   | 20.000 | ng/ul | -0.02    |
| 79) Chrysene-d12              | 21.436 | 240 |     | 924859   | 20.000 | ng/ul | -0.02    |
| 88) Perylene-d12              | 24.445 | 264 |     | 957721   | 20.000 | ng/ul | -0.04    |
| System Monitoring Compounds   |        |     |     |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.263  | 96  |     | 13787    | 4.878  | ng/uL | -0.01    |
| 4) Pyridine-d5                | 3.675  | 84  |     | 48684    | 5.461  | ng/ul | -0.01    |
| 7) Phenol-d5                  | 6.989  | 99  |     | 84659    | 8.300  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.130  | 67  |     | 219391   | 31.141 | ng/ul | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.341  | 132 |     | 197773   | 29.949 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.516  | 113 |     | 158385   | 20.000 | ng/ul | -0.01    |
| 21) Nitrobenzene-d5           | 8.957  | 128 |     | 114485   | 35.064 | ng/ul | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.674  | 143 |     | 131168   | 35.839 | ng/ul | -0.02    |
| 28) 2,4-Dichlorophenol-d3     | 10.220 | 165 |     | 248851   | 35.119 | ng/ul | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.725 | 131 |     | 210148m  | 23.357 | ng/ul | -0.02    |
| 46) Dimethylphthalate-d6      | 13.845 | 166 |     | 875175   | 37.349 | ng/ul | -0.01    |
| 49) Acenaphthylene-d8         | 14.133 | 160 |     | 990286   | 37.073 | ng/ul | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.685 | 143 |     | 29817m   | 8.981  | ng/ul | 0.01     |
| 60) Fluorene-d10              | 15.437 | 176 |     | 841216   | 40.604 | ng/ul | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.573 | 200 |     | 138964   | 29.871 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.288 | 188 |     | 1549064  | 40.211 | ng/ul | -0.02    |
| 81) Pyrene-d10                | 19.586 | 212 |     | 1870036  | 38.856 | ng/ul | -0.02    |
| 92) Benzo(a)pyrene-d12        | 24.239 | 264 |     | 1802809  | 40.085 | ng/ul | -0.04    |

Target Compounds Qvalue

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

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