

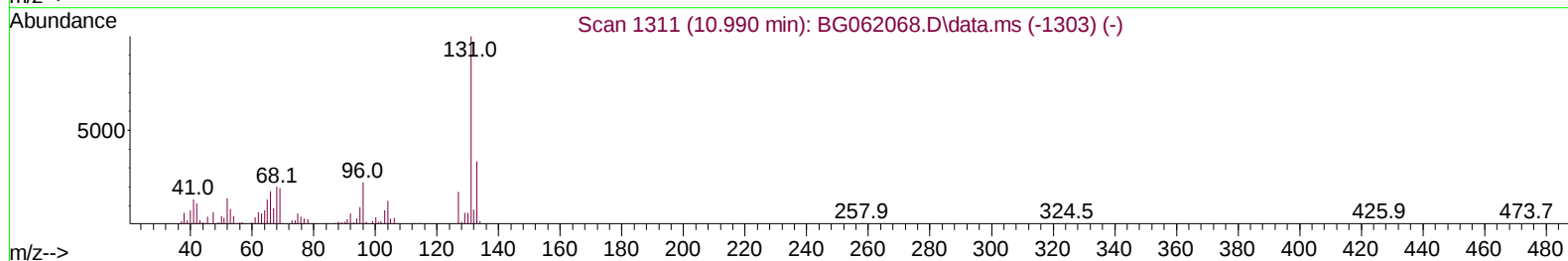
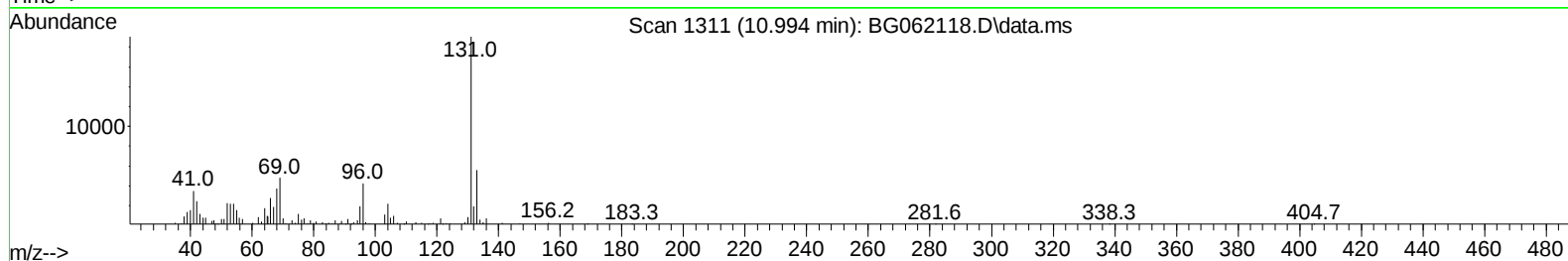
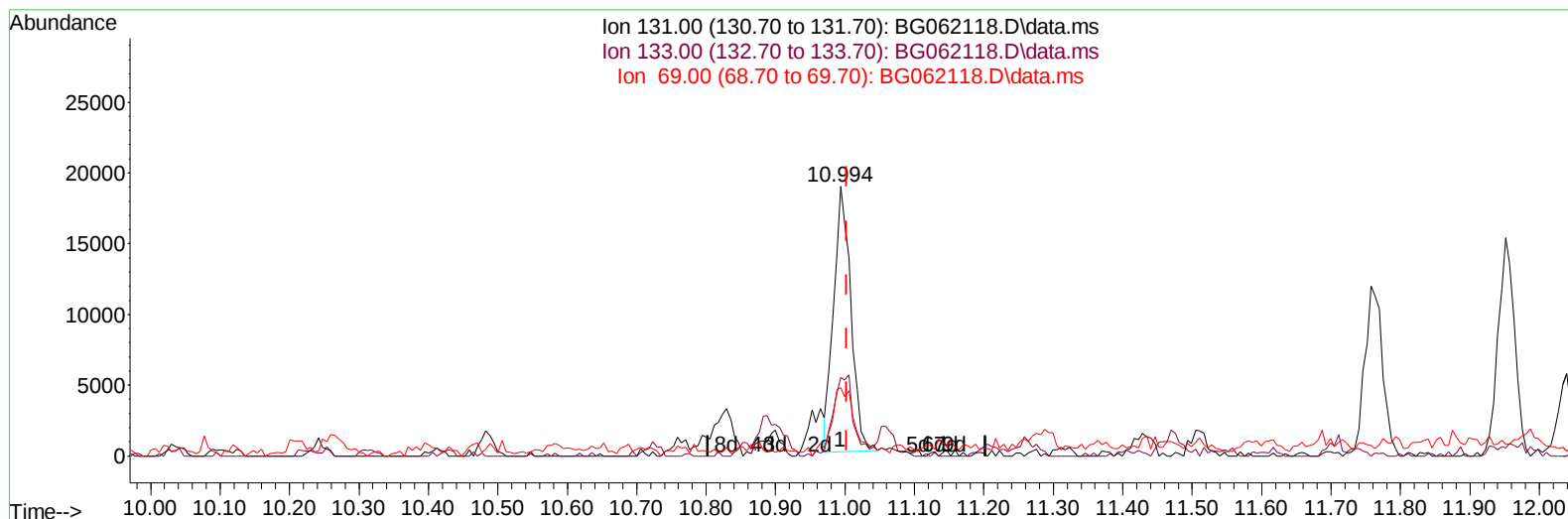
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071724\  
Data File : BG062118.D  
Acq On : 17 Jul 2024 18:30  
Operator : MA/JU  
Sample : P3217-02  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YDZC4

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:06:03 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 16 12:23:16 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024  
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062118.D\data.ms

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

**10.994min (-0.009) 12.02 ng/u1**

**response 32331**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.50  | 29.25  |
| 69.00  | 21.00  | 25.26# |
| 0.00   | 0.00   | 0.00   |

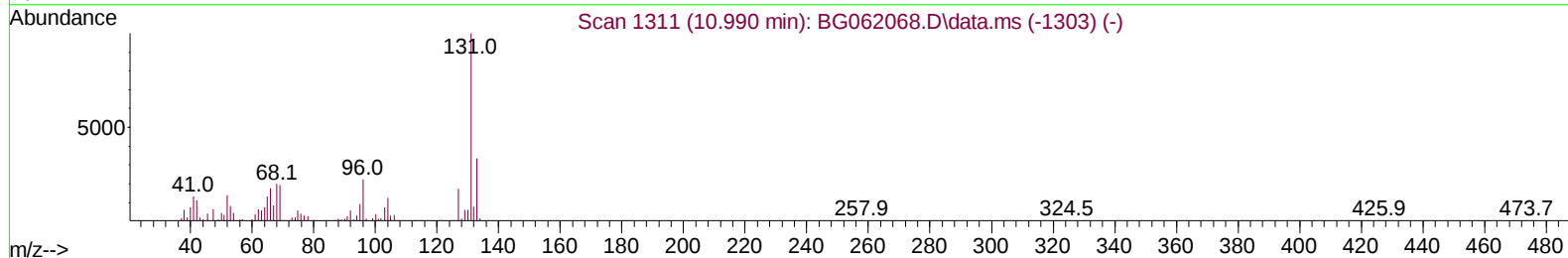
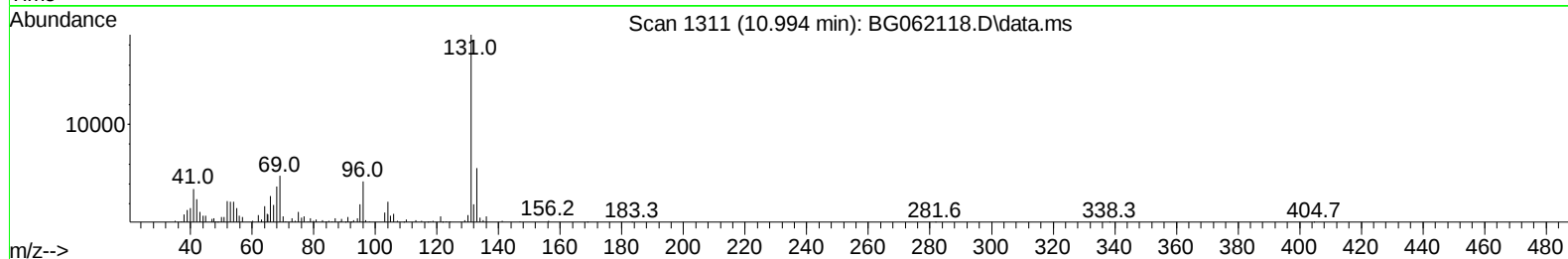
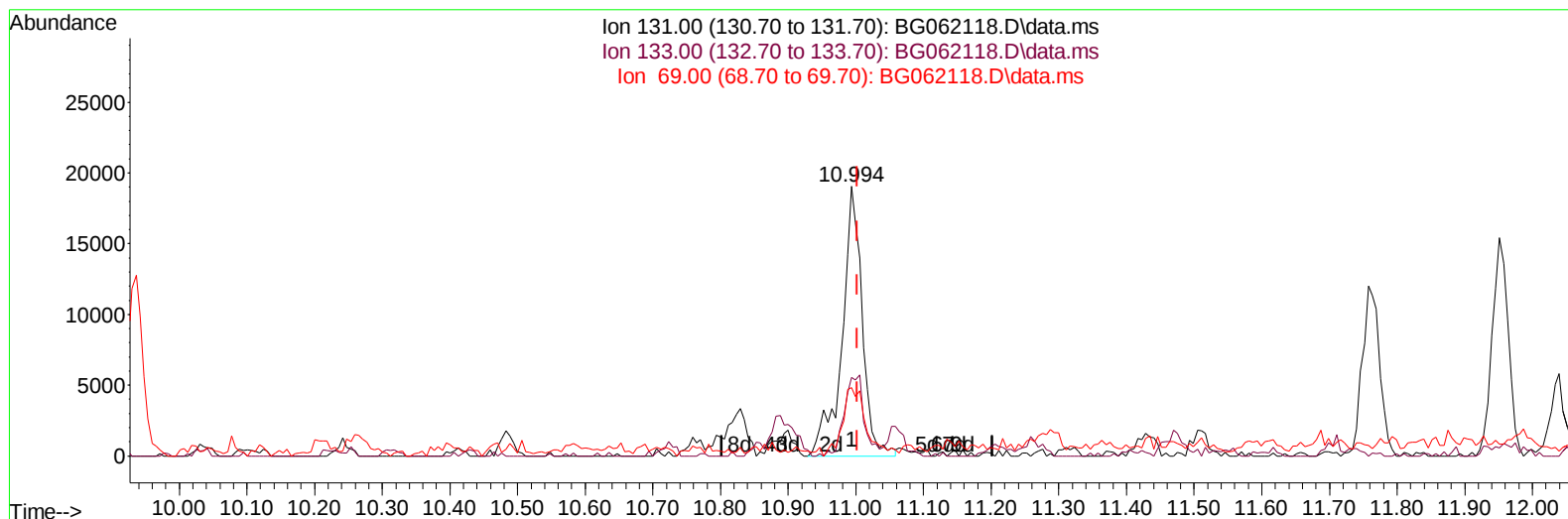
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071724\  
Data File : BG062118.D  
Acq On : 17 Jul 2024 18:30  
Operator : MA/JU  
Sample : P3217-02  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YDZC4

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:06:03 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 07/18/2024  
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062118.D\data.ms

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

10.994min (-0.009) 14.67 ng/ul m

response 39468

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.50  | 29.25  |
| 69.00  | 21.00  | 25.26# |
| 0.00   | 0.00   | 0.00   |

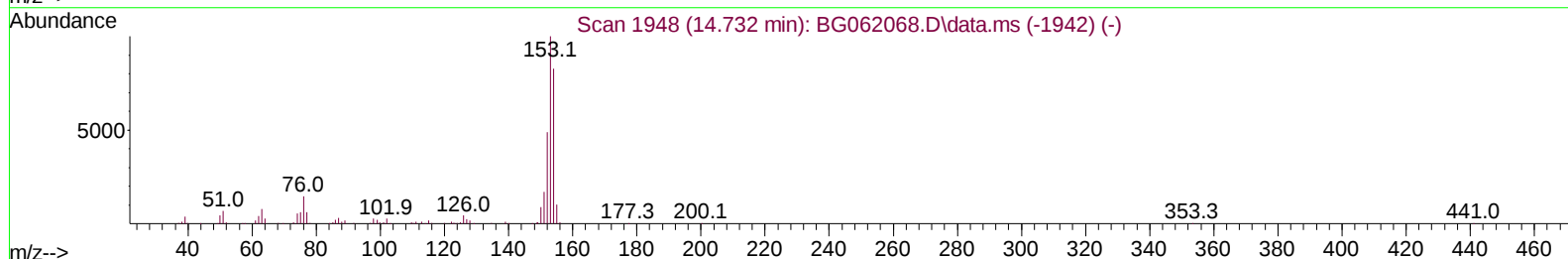
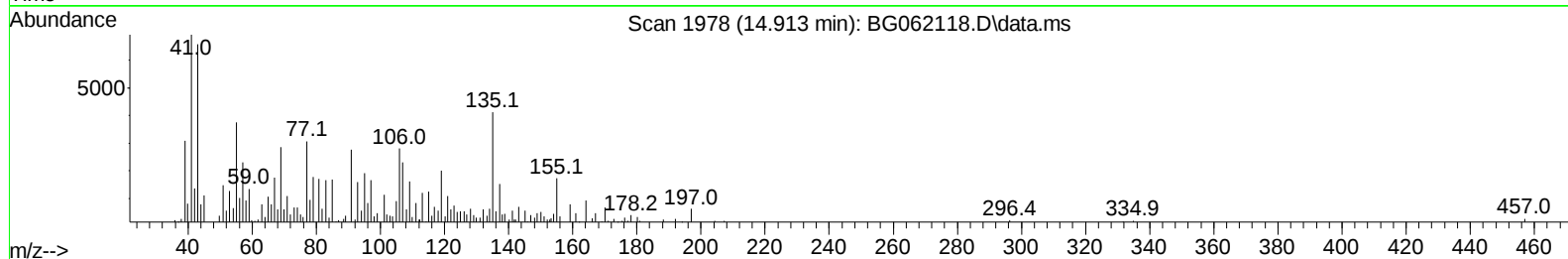
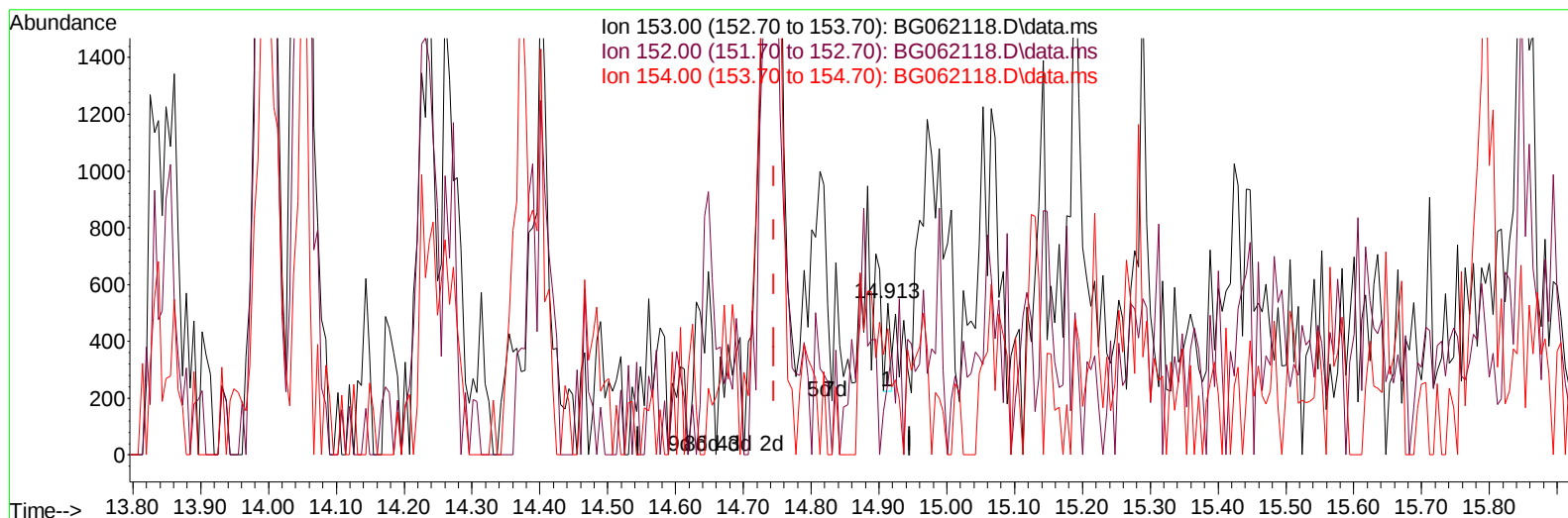
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071724\  
Data File : BG062118.D  
Acq On : 17 Jul 2024 18:30  
Operator : MA/JU  
Sample : P3217-02  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YDZC4

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:21:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 16 12:23:16 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024  
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062118.D\data.ms

(52) Acenaphthene (C)

14.913min (+ 0.167) 0.03 ng/u1

response 152

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 153.00 | 100.00 | 100.00 |
| 152.00 | 46.50  | 47.66  |
| 154.00 | 93.80  | 83.36  |
| 0.00   | 0.00   | 0.00   |

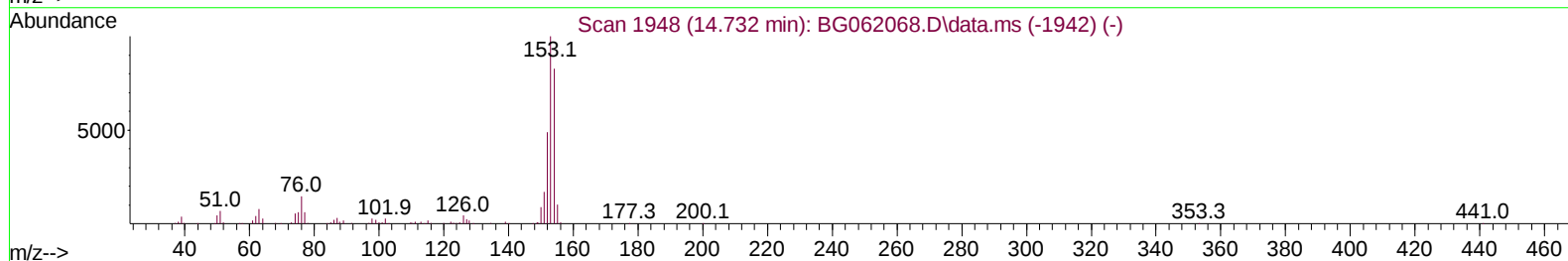
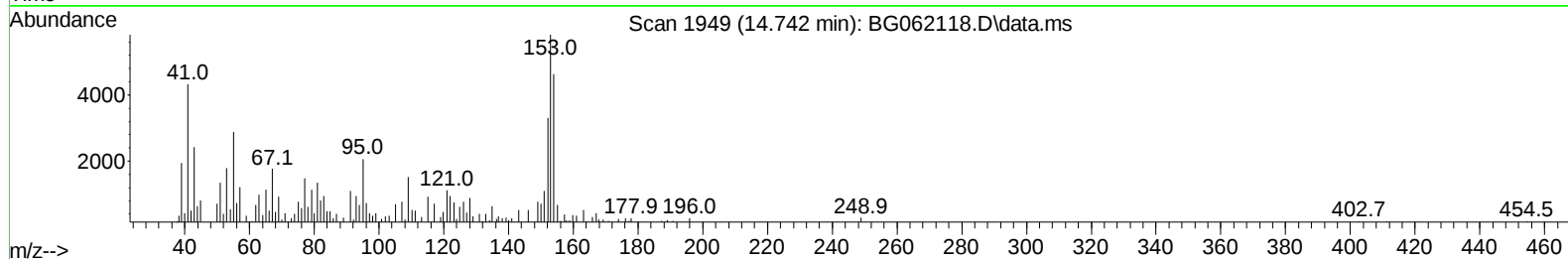
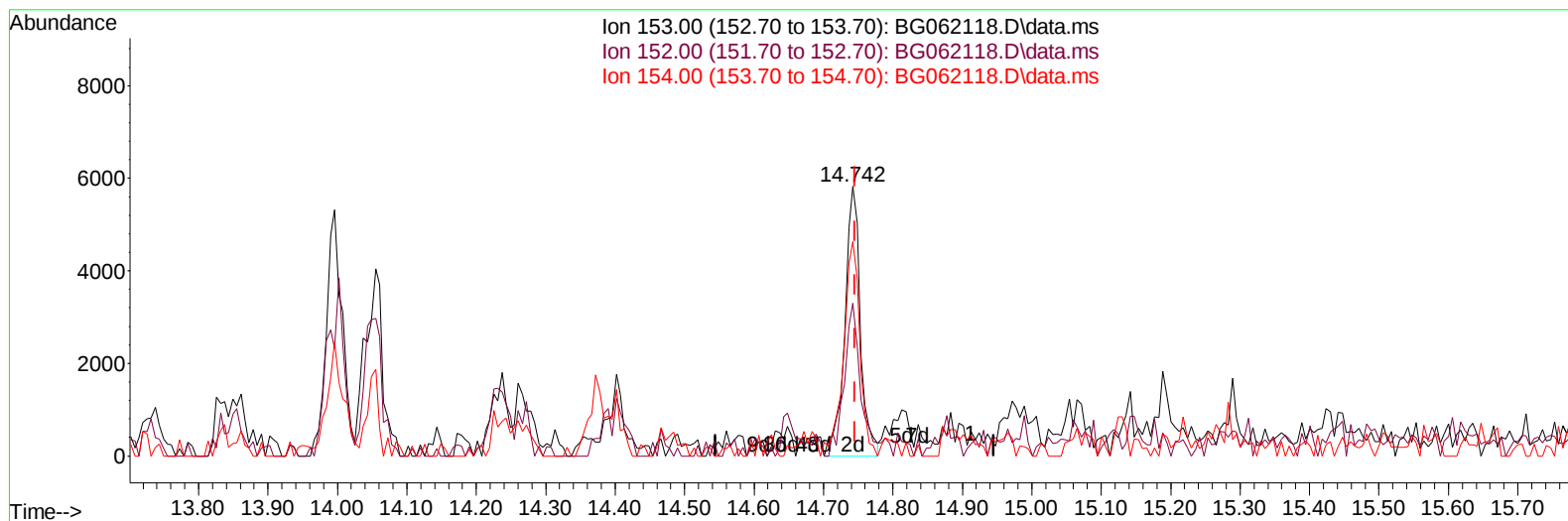
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071724\  
 Data File : BG062118.D  
 Acq On : 17 Jul 2024 18:30  
 Operator : MA/JU  
 Sample : P3217-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YDZC4

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:21:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
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 QLast Update : Tue Jul 16 12:23:16 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/18/2024



TIC: BG062118.D\data.ms

**(52) Acenaphthene (C)**

**14.742min (-0.003) 1.61 ng/ul m**

**response 9065**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 153.00 | 100.00 | 100.00 |
| 152.00 | 46.50  | 56.67# |
| 154.00 | 93.80  | 79.70  |
| 0.00   | 0.00   | 0.00   |

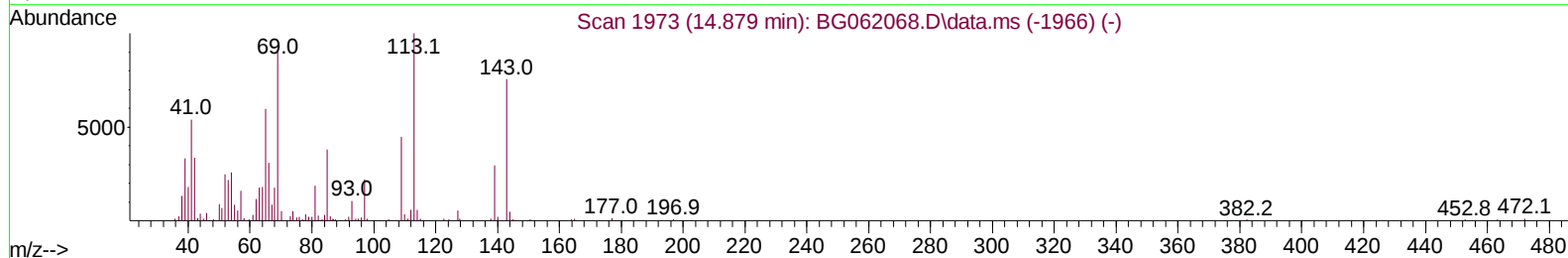
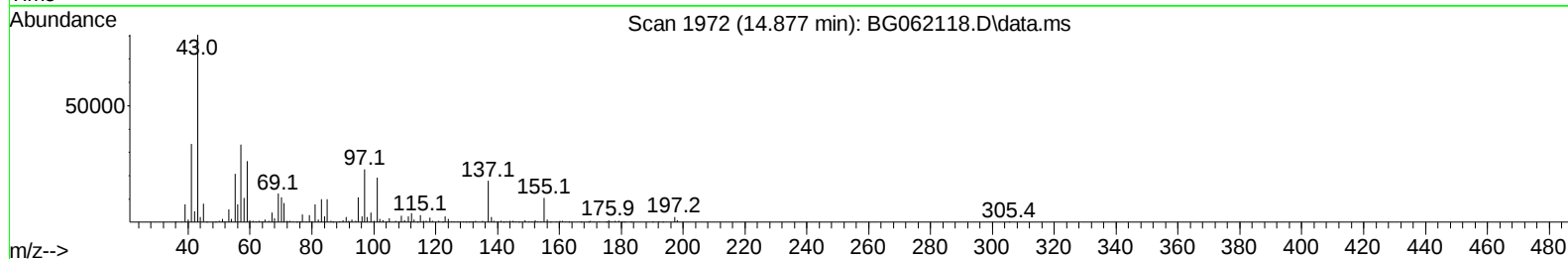
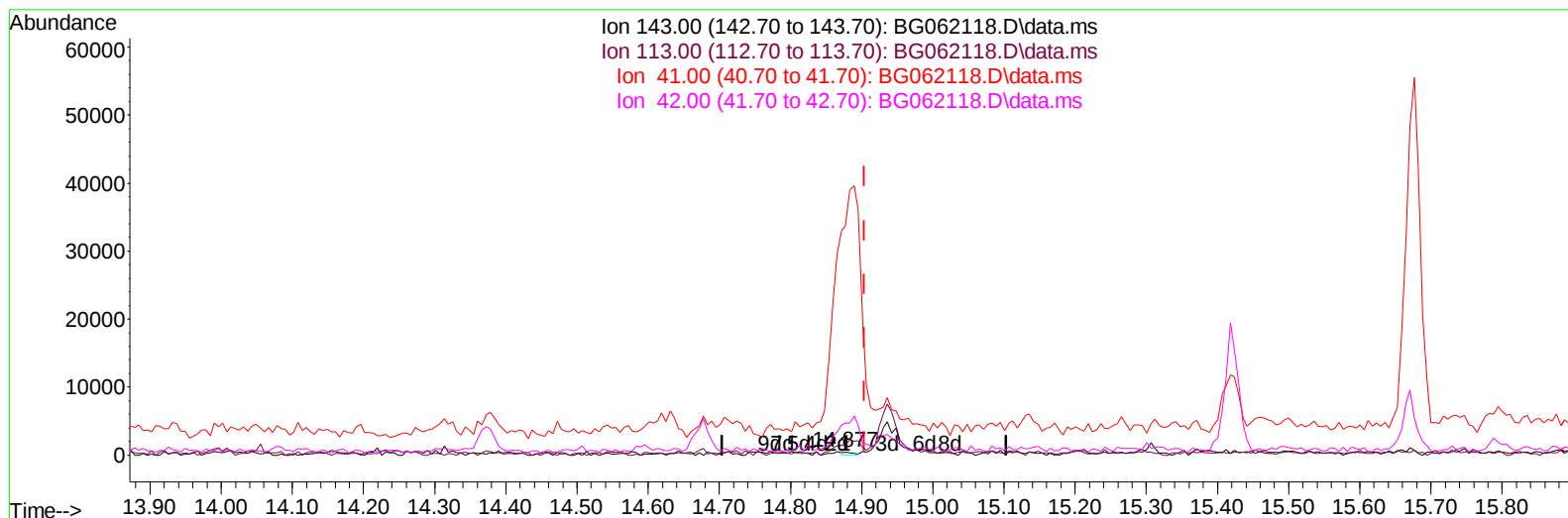
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071724\  
Data File : BG062118.D  
Acq On : 17 Jul 2024 18:30  
Operator : MA/JU  
Sample : P3217-02  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YDZC4

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:21:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 16 12:23:16 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024  
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062118.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.877min (-0.027) 0.38 ng/u1

response 430

| Ion    | Exp%   | Act%     |
|--------|--------|----------|
| 143.00 | 100.00 | 100.00   |
| 113.00 | 106.20 | 296.88#  |
| 41.00  | 69.90  | 7499.33# |
| 42.00  | 41.10  | 1055.01# |

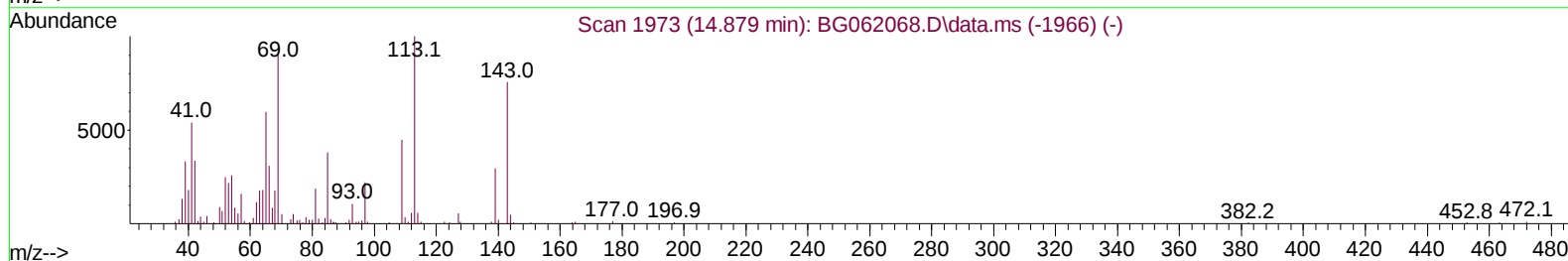
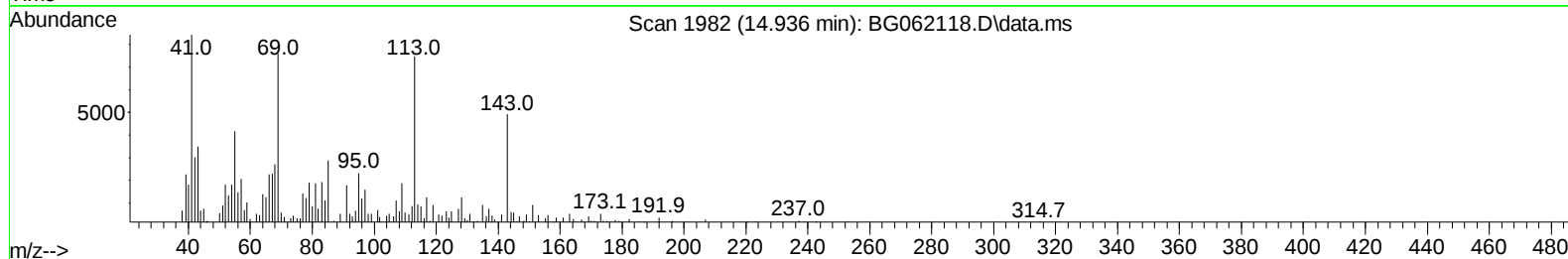
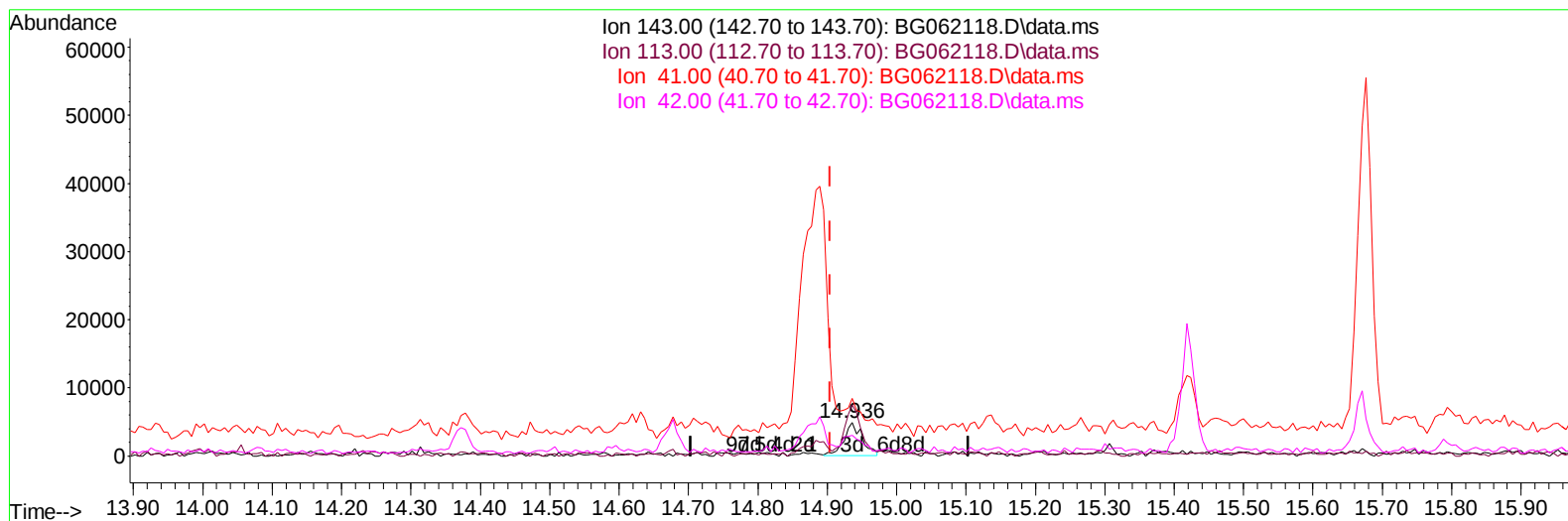
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071724\  
Data File : BG062118.D  
Acq On : 17 Jul 2024 18:30  
Operator : MA/JU  
Sample : P3217-02  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YDZC4

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:21:45 2024  
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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024  
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062118.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.936min (+ 0.032) 7.85 ng/ul m

response 8879

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 106.20 | 151.98# |
| 41.00  | 69.90  | 171.54# |
| 42.00  | 41.10  | 61.24#  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071724\  
 Data File : BG062118.D  
 Acq On : 17 Jul 2024 18:30  
 Operator : MA/JU  
 Sample : P3217-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YDZC4

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 18 01:25:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 16 12:23:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.044  | 152  | 22173    | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.853 | 136  | 110582   | 20.000  | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.678 | 164  | 86187    | 20.000  | ng/ul  | # 0.00   |
| 64) Phenanthrene-d10          | 17.427 | 188  | 185231   | 20.000  | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.687 | 240  | 158857   | 20.000  | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.907 | 264  | 191148   | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.444  | 96   | 1838     | 3.115   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.861  | 84   | 15631    | 8.616   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.222  | 99   | 16869    | 6.952   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.363  | 67   | 33191    | 21.600  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.580  | 132  | 45203    | 27.158  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.767  | 113  | 32529    | 17.026  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.213  | 128  | 24257    | 28.843  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.936  | 143  | 29119    | 30.319  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.488 | 165  | 57640    | 31.115  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.994 | 131  | 39468m   | 14.675  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.078 | 166  | 193662   | 27.331  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.372 | 160  | 201949   | 27.257  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.936 | 143  | 8879m    | 7.847   | ng/ul  | 0.03     |
| 60) Fluorene-d10              | 15.671 | 176  | 169000   | 28.332  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.794 | 200  | 31954    | 32.847  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.521 | 188  | 266003   | 30.758  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.807 | 212  | 301137   | 32.229  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.689 | 264  | 293597   | 30.970  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 26) 2,4-Dimethylphenol        | 10.030 | 107  | 43403    | 18.516  | ng/ul  | 99       |
| 30) Naphthalene               | 10.906 | 128  | 43693    | 7.193   | ng/ul# | 93       |
| 36) 2-Methylnaphthalene       | 12.510 | 142  | 219002   | 49.766  | ng/ul  | 94       |
| 37) 1-Methylnaphthalene       | 12.739 | 142  | 1066172  | 233.136 | ng/ul# | 94       |
| 52) Acenaphthene              | 14.742 | 153  | 9065m    | 1.614   | ng/ul  |          |
| 61) Fluorene                  | 15.723 | 166  | 8328     | 1.234   | ng/ul# | 96       |
| -----                         |        |      |          |         |        |          |

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

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BNA\_G  
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Manual IntegrationsAPPROVED

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