

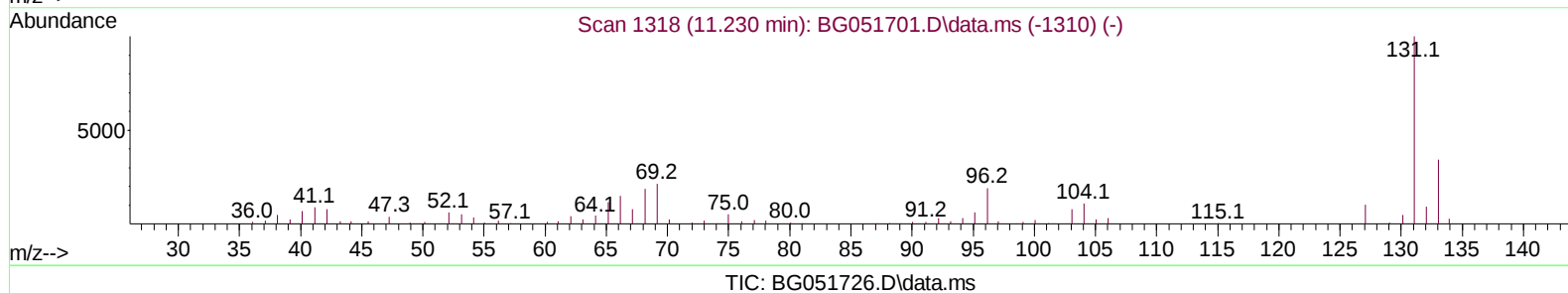
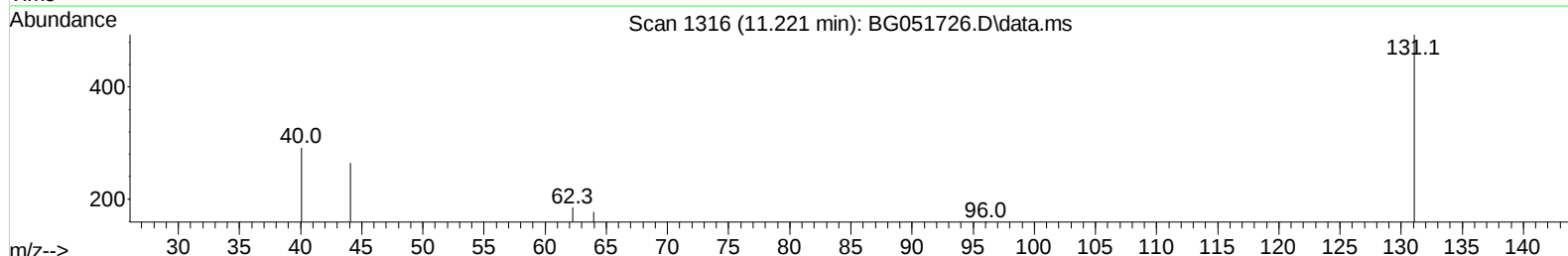
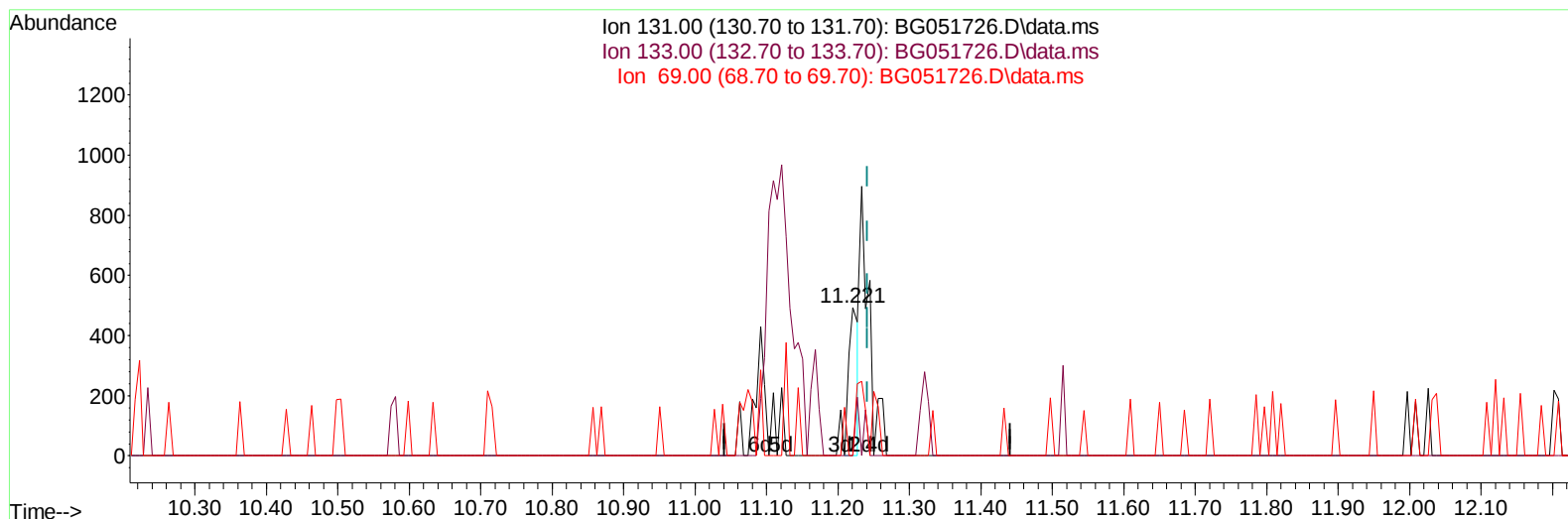
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122021\  
 Data File : BG051726.D  
 Acq On : 21 Dec 2021 21:39  
 Operator : CG/JU  
 Sample : M5153-02DL 10X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGL67DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 23:13:05 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 14 14:19:57 2021  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/22/2021  
 Supervised By :mohammad ahmed 12/28/2021



(31) 4-Chloroaniline-d4 (S)

11.221min (-0.021) 0.10 ng/u1

response 451

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 33.20  | 0.00#  |
| 69.00  | 21.30  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

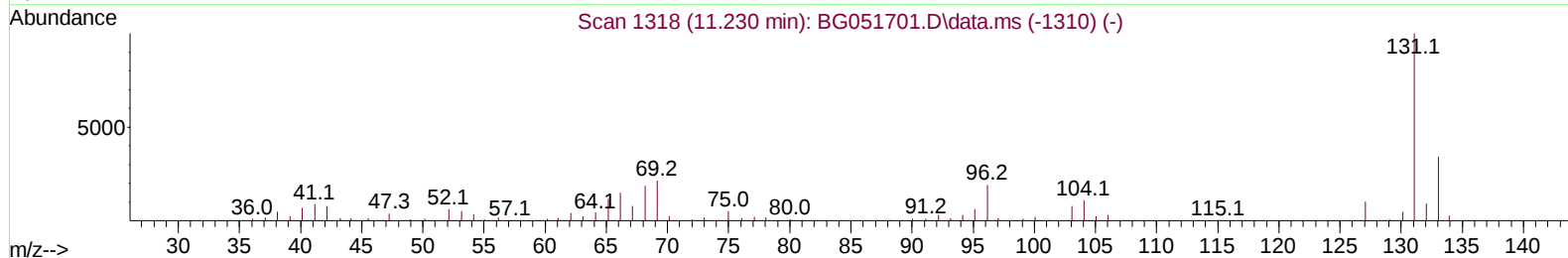
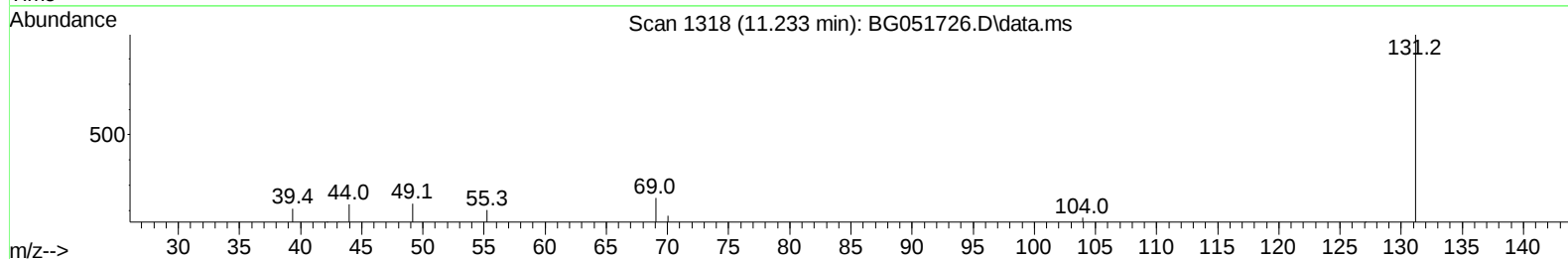
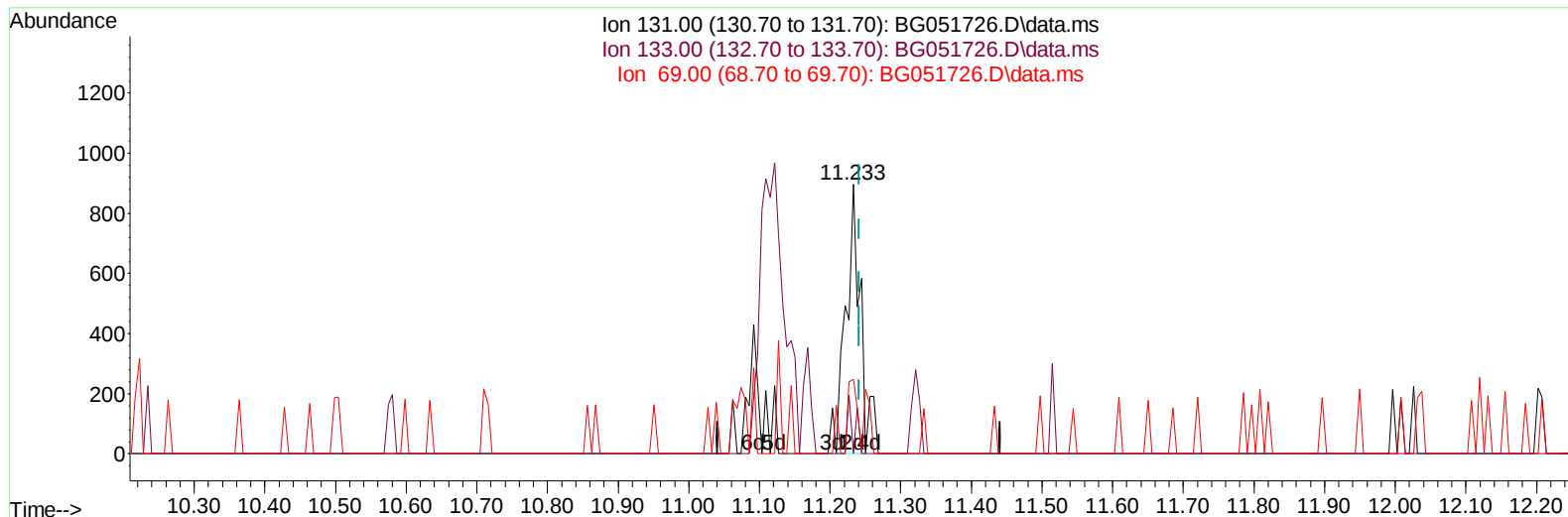
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122021\  
 Data File : BG051726.D  
 Acq On : 21 Dec 2021 21:39  
 Operator : CG/JU  
 Sample : M5153-02DL 10X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGL67DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 23:13:05 2021  
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TIC: BG051726.D\data.ms

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

11.233min (-0.009) 0.24 ng/ul m

response 1146

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 33.20  | 0.00#  |
| 69.00  | 21.30  | 27.79# |
| 0.00   | 0.00   | 0.00   |

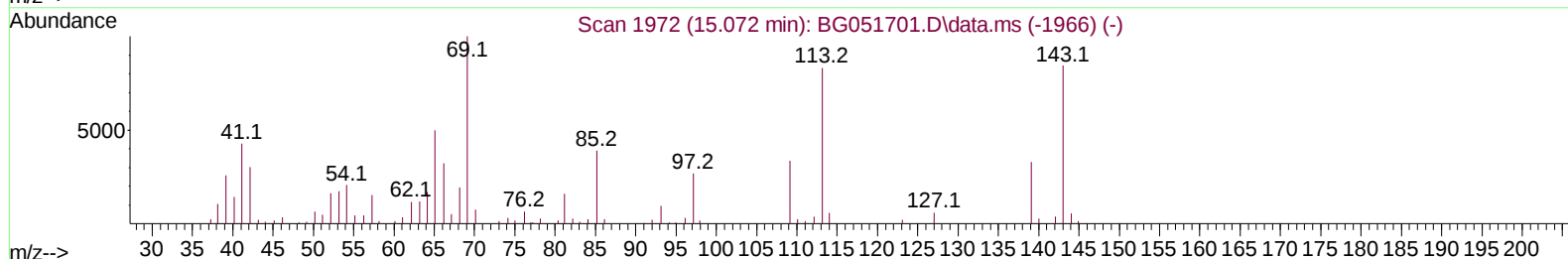
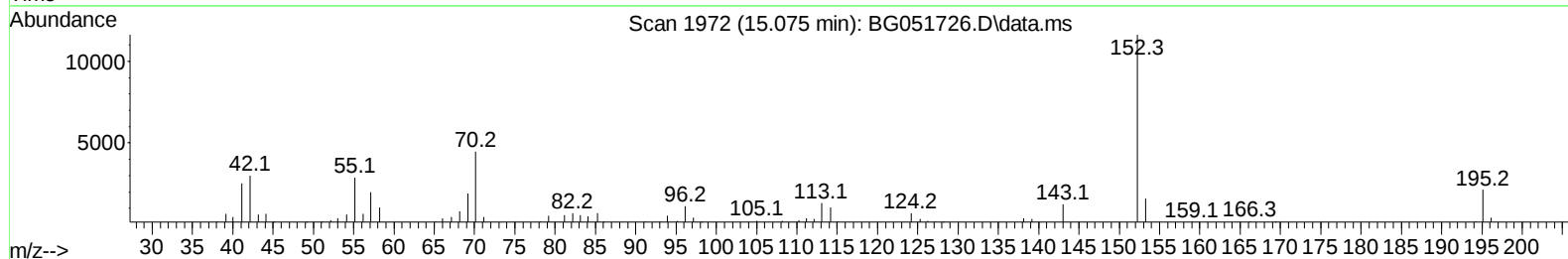
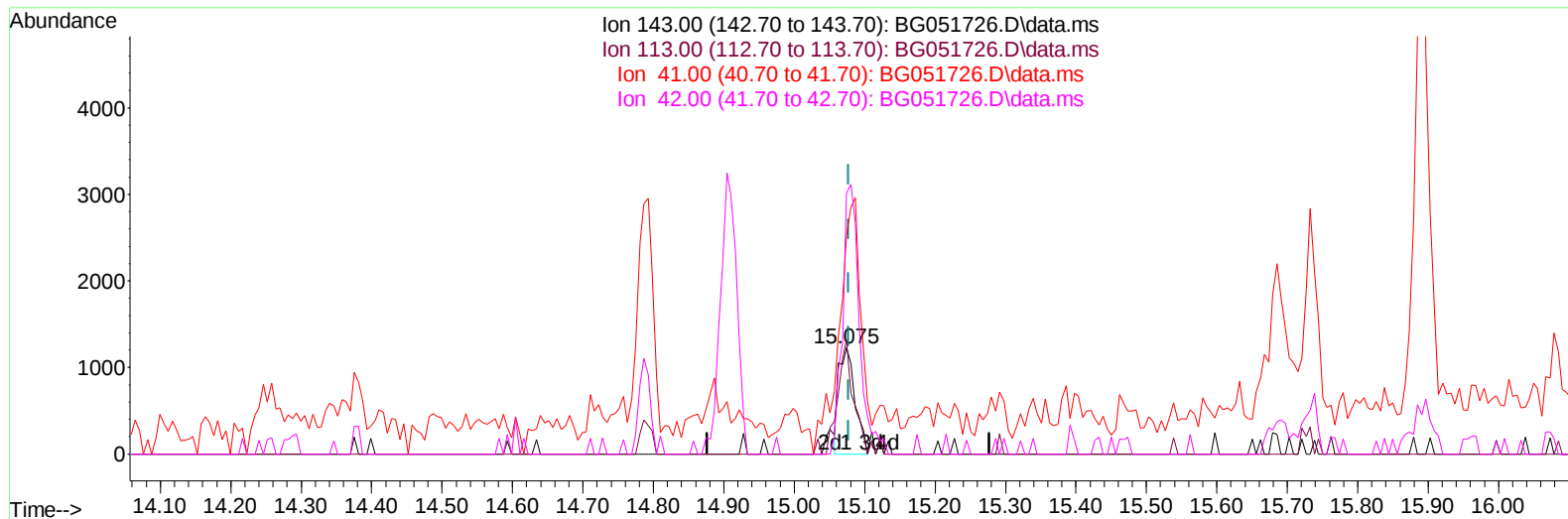
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122021\  
Data File : BG051726.D  
Acq On : 21 Dec 2021 21:39  
Operator : CG/JU  
Sample : M5153-02DL 10X  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGL67DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 23:13:05 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 14 14:19:57 2021  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/22/2021  
Supervised By :mohammad ahmed 12/28/2021



TIC: BG051726.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.075min (-0.003) 1.03 ng/u1

response 1962

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 80.30  | 107.41# |
| 41.00  | 44.40  | 205.37# |
| 42.00  | 29.70  | 245.28# |

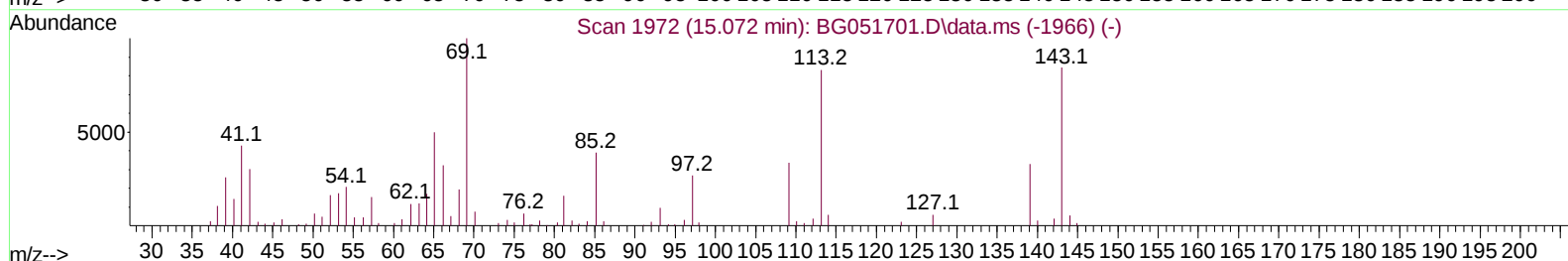
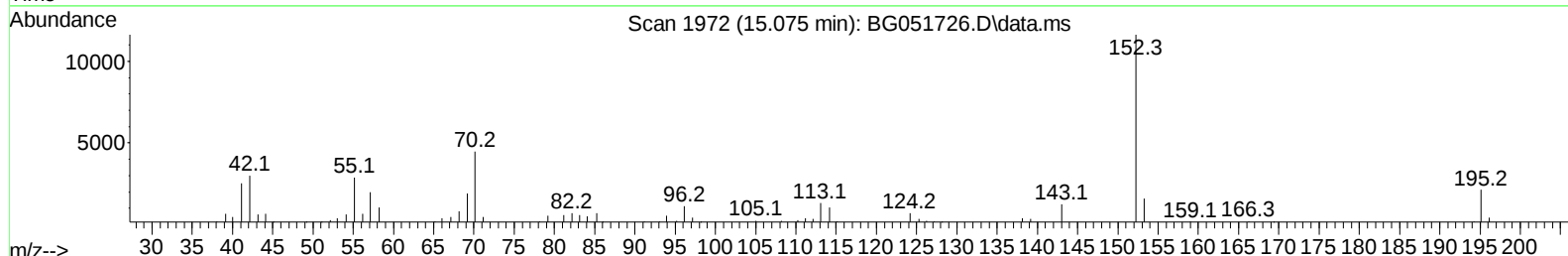
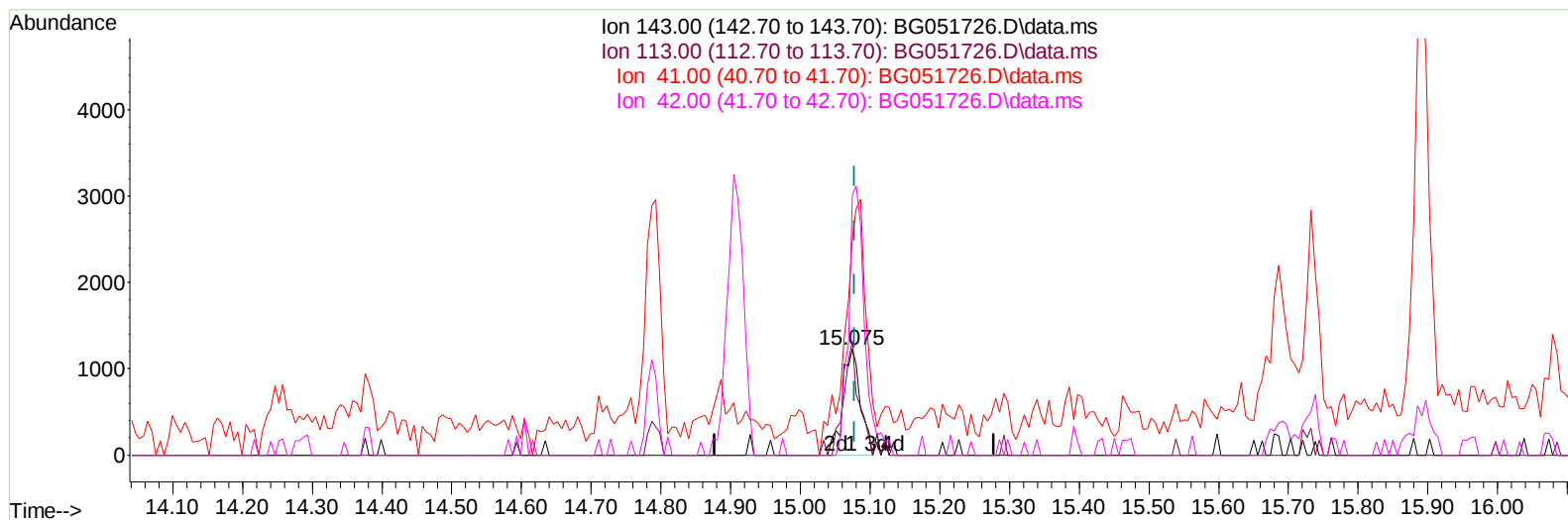
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122021\  
 Data File : BG051726.D  
 Acq On : 21 Dec 2021 21:39  
 Operator : CG/JU  
 Sample : M5153-02DL 10X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGL67DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 23:13:05 2021  
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 QLast Update : Tue Dec 14 14:19:57 2021  
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Reviewed By :Jagrut Upadhyay 12/22/2021  
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TIC: BG051726.D\data.ms

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

**15.075min (-0.003) 1.16 ng/ul m**

**response 2210**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 80.30  | 107.41# |
| 41.00  | 44.40  | 205.37# |
| 42.00  | 29.70  | 245.28# |

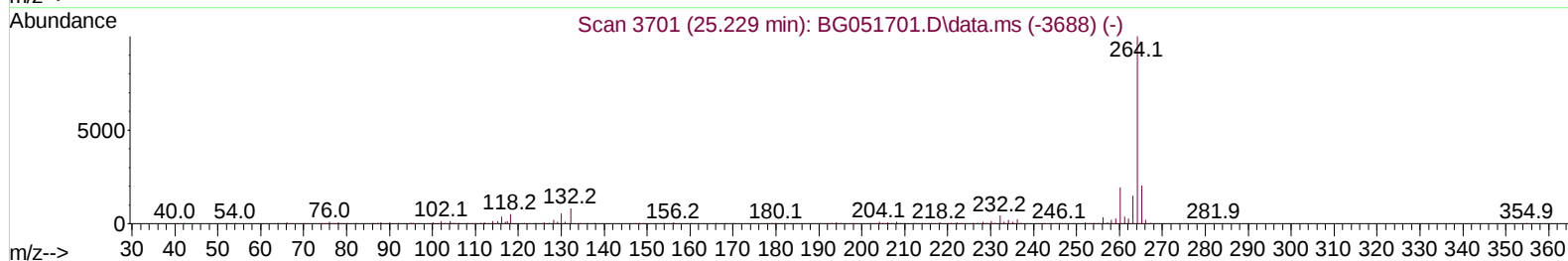
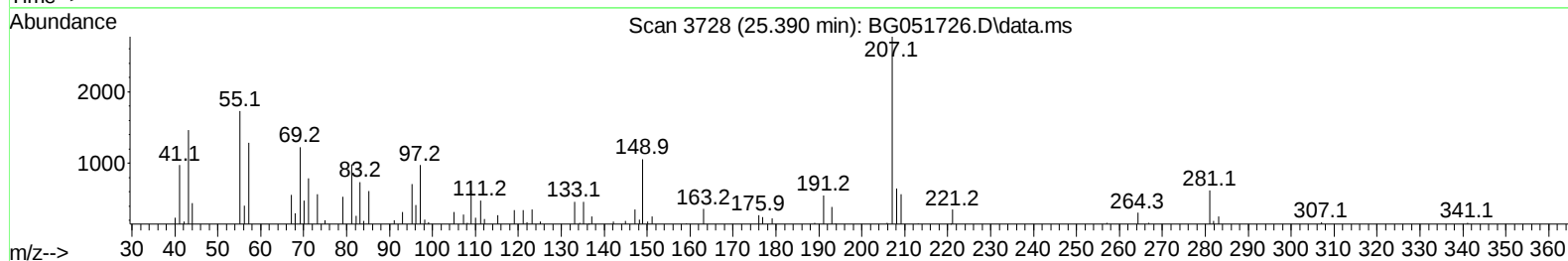
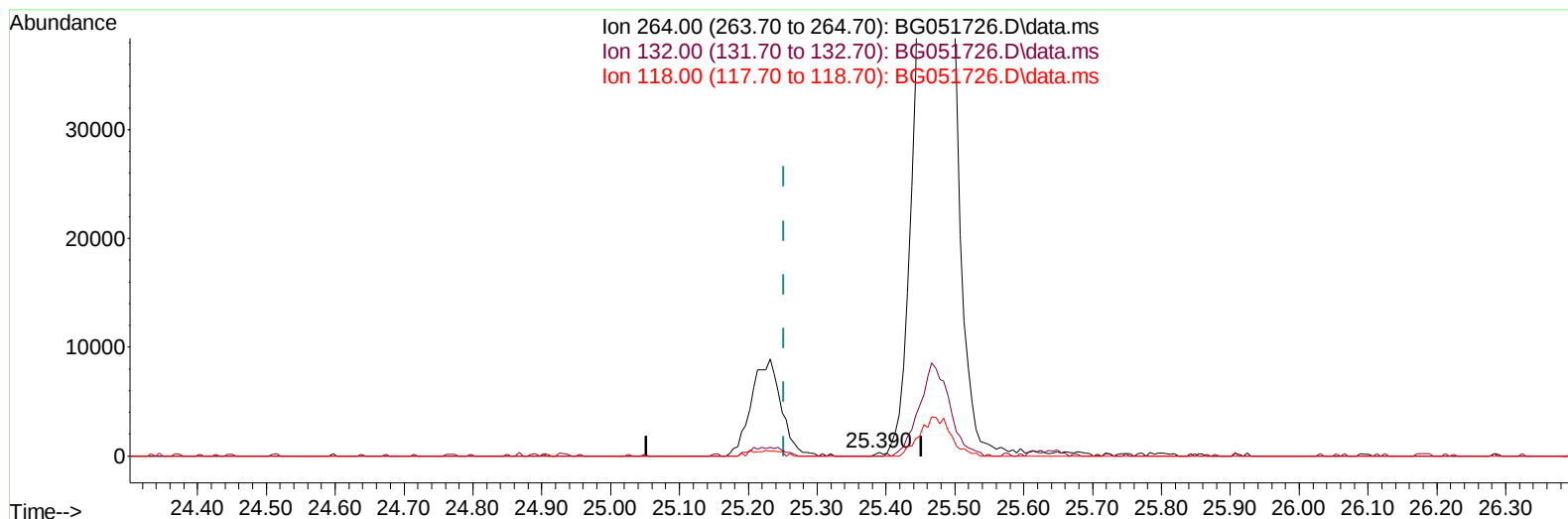
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122021\  
 Data File : BG051726.D  
 Acq On : 21 Dec 2021 21:39  
 Operator : CG/JU  
 Sample : M5153-02DL 10X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGL67DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 23:13:05 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 14 14:19:57 2021  
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TIC: BG051726.D\data.ms

**(92) Benzo(a)pyrene-d12 (S)**

**25.390min (+ 0.138) 0.01 ng/u1**

**response 219**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 15.50  | 0.00#  |
| 118.00 | 11.00  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

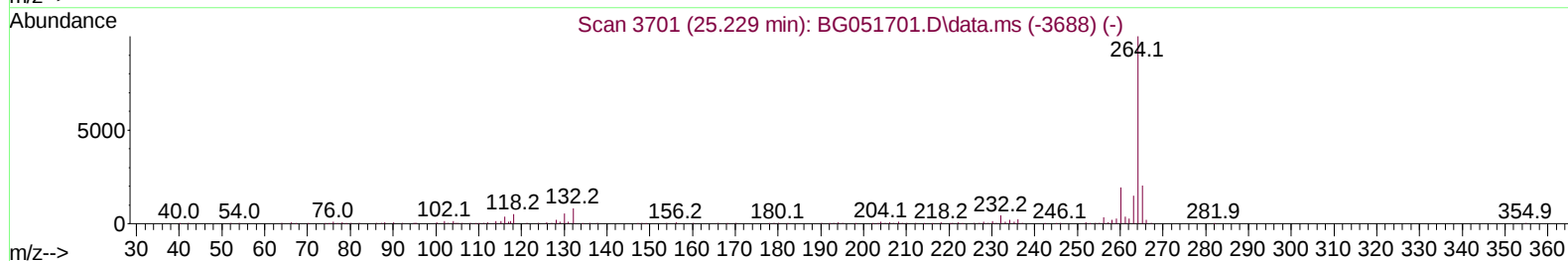
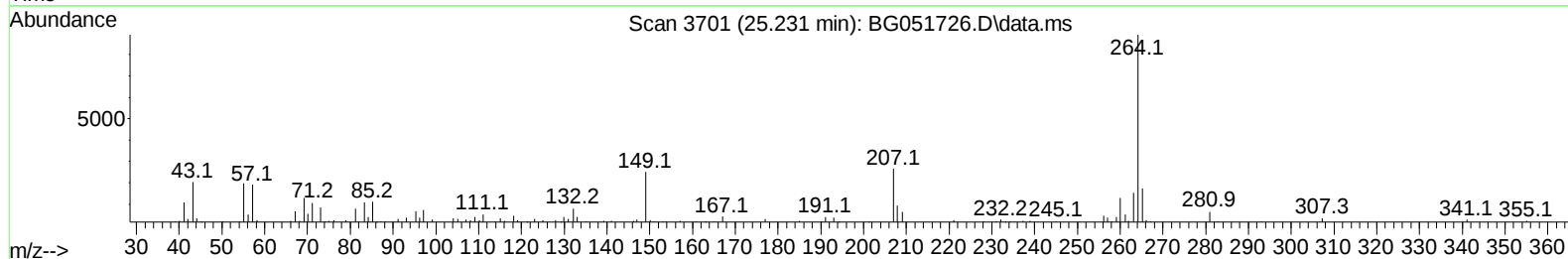
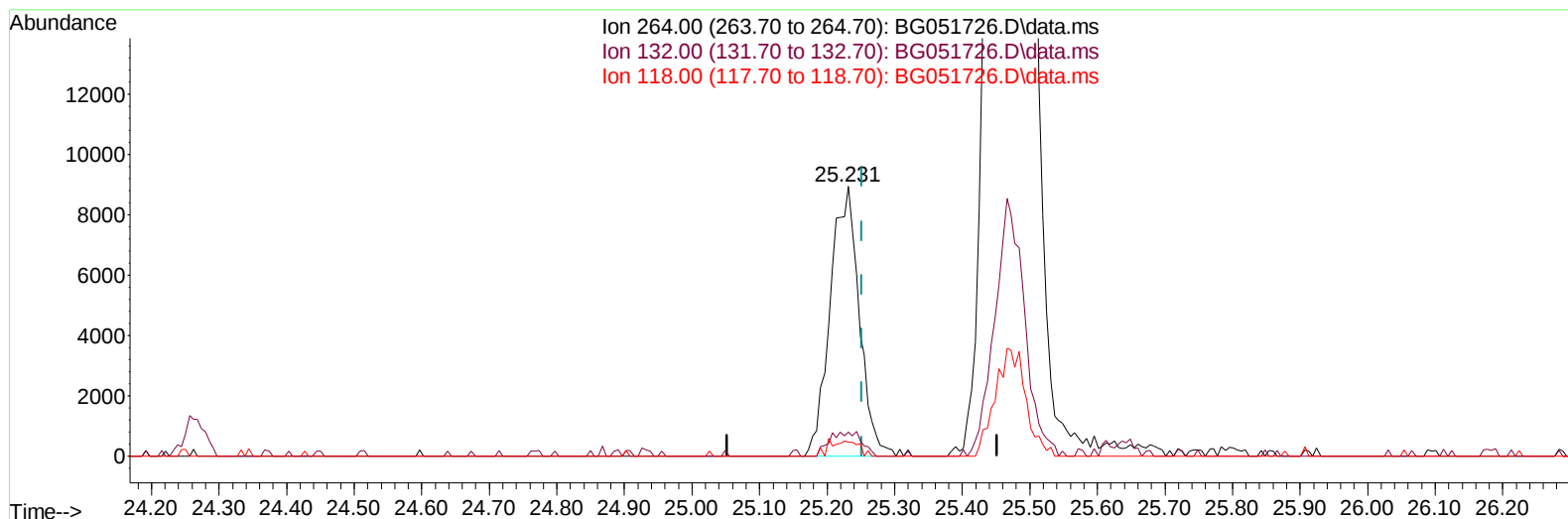
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122021\  
 Data File : BG051726.D  
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 Operator : CG/JU  
 Sample : M5153-02DL 10X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGL67DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 23:13:05 2021  
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 Quant Title : SVOA CALIBRATION  
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TIC: BG051726.D\data.ms

**(92) Benzo(a)pyrene-d12 (S)**

**25.231min (-0.021) 1.68 ng/ul m**

**response 26619**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 15.50  | 8.85#  |
| 118.00 | 11.00  | 5.00#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122021\  
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 Operator : CG/JU  
 Sample : M5153-02DL 10X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021  
 Supervised By :mohammad ahmed 12/28/2021

Quant Time: Dec 21 23:13:05 2021  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.272  | 152  | 47132    | 20.000 | ng/ul  | -0.02    |
| 20) Naphthalene-d8            | 11.109 | 136  | 207441   | 20.000 | ng/ul  | #-0.01   |
| 38) Acenaphthene-d10          | 14.910 | 164  | 146391   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.653 | 188  | 311414   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.977 | 240  | 287590   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 25.472 | 264  | 300613   | 20.000 | ng/ul  | -0.02    |
| 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                  | 7.403  | 99   | 8067     | 1.917  | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.573  | 67   | 4584     | 1.832  | ng/ul  | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.796  | 132  | 5320     | 1.818  | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.965  | 113  | 6195     | 1.904  | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 9.447  | 128  | 2809     | 1.847  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.169 | 143  | 3049     | 1.834  | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.722 | 165  | 5982     | 1.659  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.233 | 131  | 1146m    | 0.241  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.293 | 166  | 21426    | 1.829  | ng/ul  | -0.02    |
| 49) Acenaphthylene-d8         | 14.599 | 160  | 25615    | 1.760  | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 15.075 | 143  | 2210m    | 1.160  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.897 | 176  | 17977    | 1.712  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.997 | 200  | 1529     | 0.942  | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.753 | 188  | 28777    | 1.937  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.027 | 212  | 30793    | 1.779  | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 25.231 | 264  | 26619m   | 1.683  | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 11.156 | 128  | 11735    | 1.050  | ng/ul  | 96       |
| 83) Butylbenzylphthalate      | 20.931 | 149  | 12984    | 1.969  | ng/ul  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.842 | 149  | 383669   | 41.540 | ng/ul# | 99       |
| 89) Di-n-octyl phthalate      | 23.164 | 149  | 161244   | 9.959  | ng/ul  | 100      |
| -----                         |        |      |          |        |        |          |

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

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