

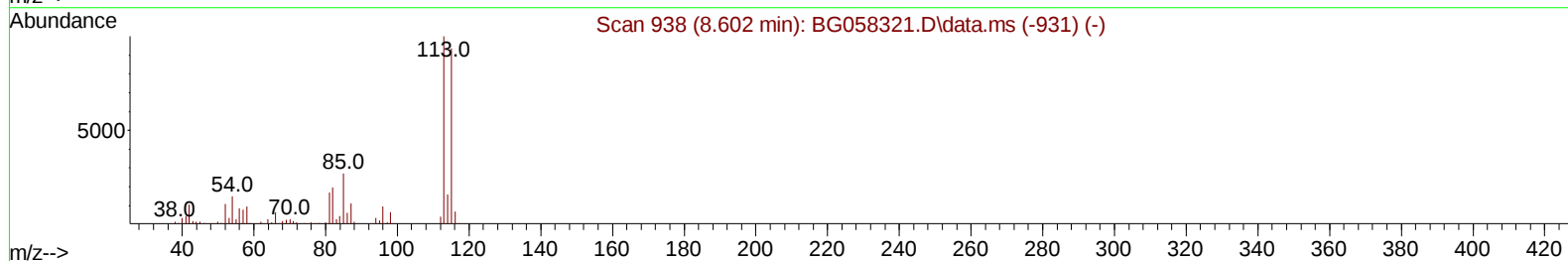
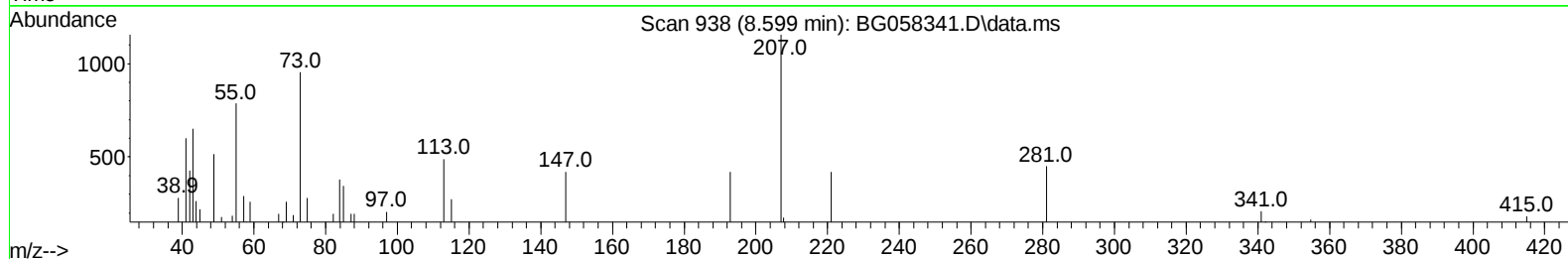
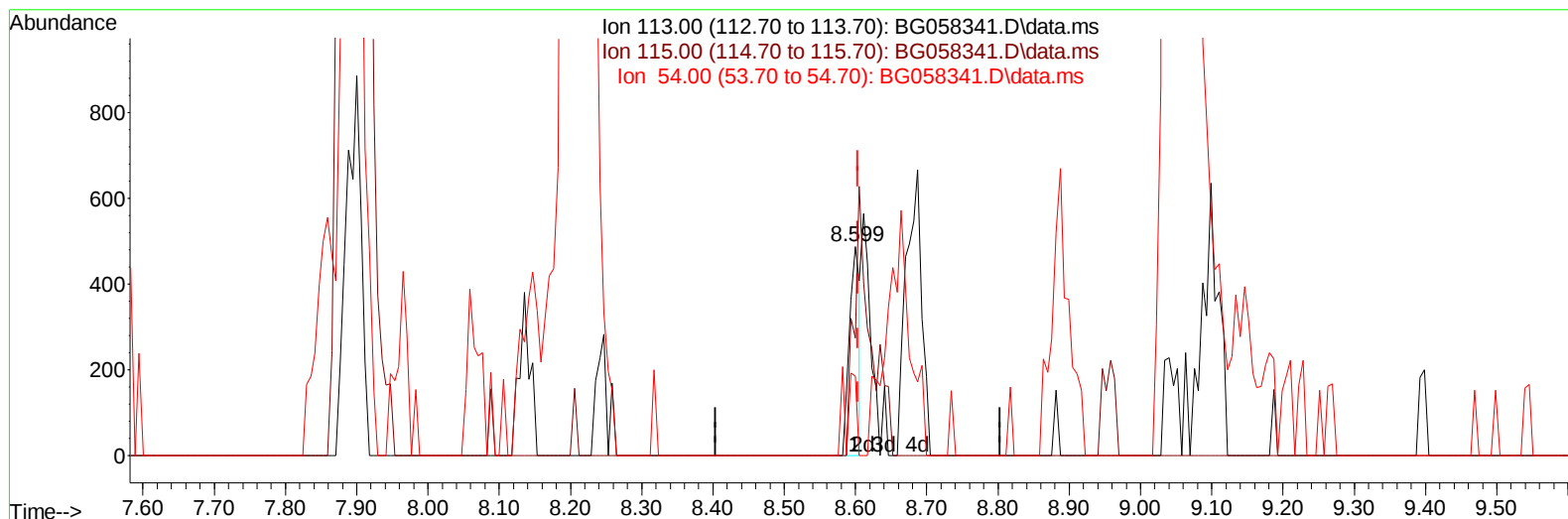
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071823\  
 Data File : BG058341.D  
 Acq On : 20 Jul 2023 00:20  
 Operator : CG/JU  
 Sample : 03452-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A46P8

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:05:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 18 02:19:39 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023  
 Supervised By :mohammad ahmed 07/20/2023



TIC: BG058341.D\data.ms

**(15) 4-Methylphenol-d8 (S)**

**8.599min (-0.004) 0.17 ng/u1**

**response 497**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 97.10  | 56.35# |
| 54.00  | 15.10  | 38.11# |
| 0.00   | 0.00   | 0.00   |

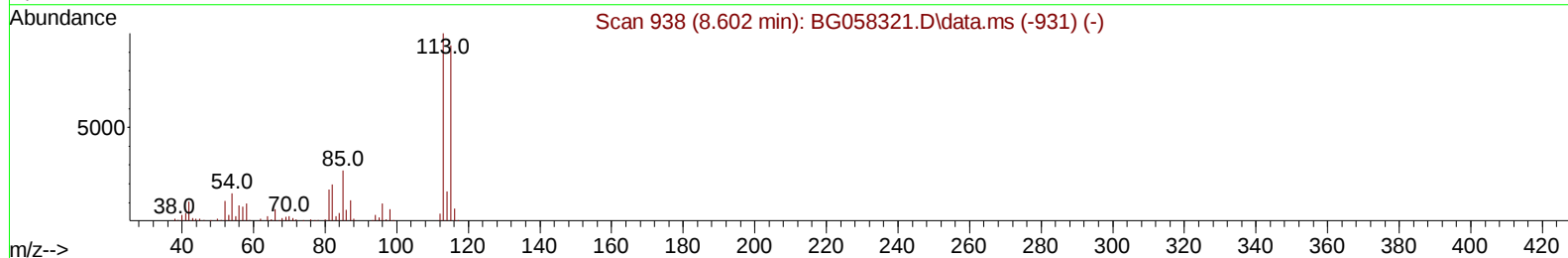
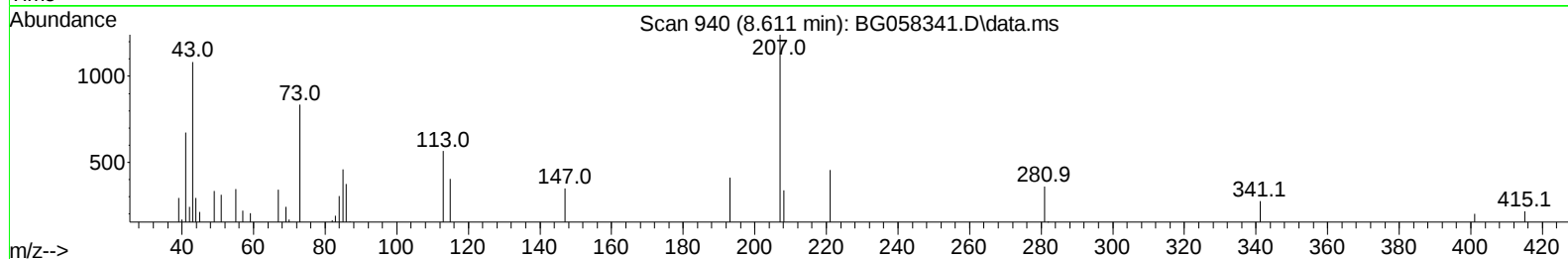
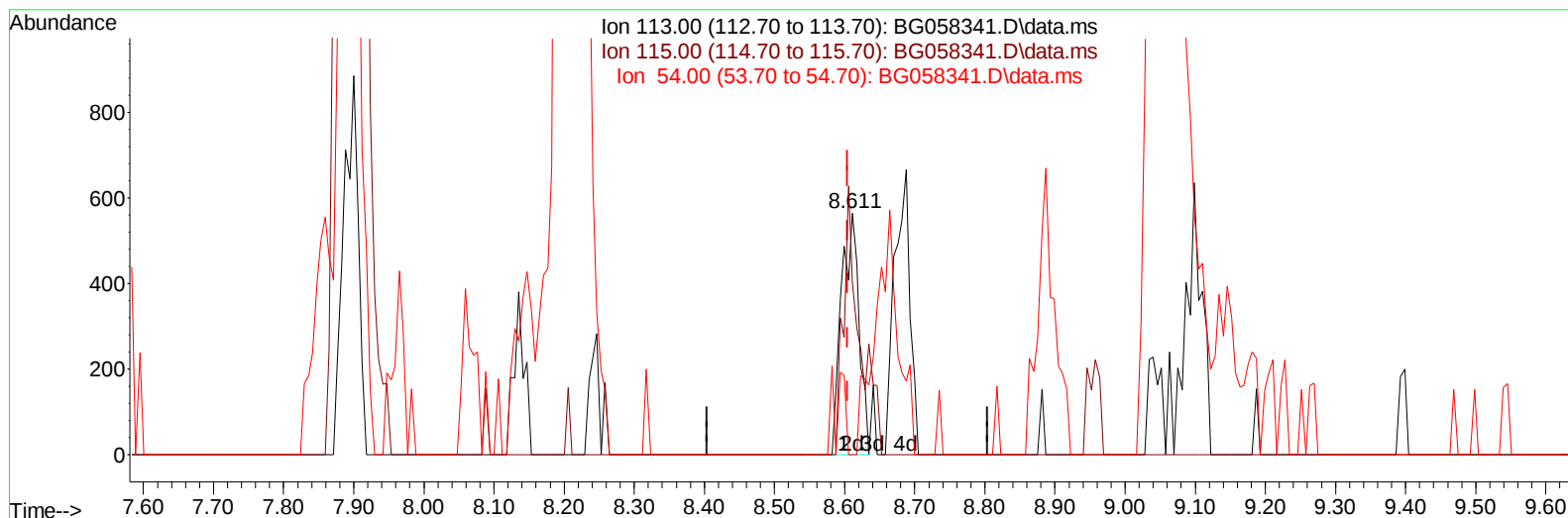
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071823\  
 Data File : BG058341.D  
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A46P8

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:05:30 2023  
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Reviewed By :Yogesh Patel 07/20/2023  
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TIC: BG058341.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.611min (+ 0.007) 0.33 ng/ul m

response 983

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 97.10  | 71.33# |
| 54.00  | 15.10  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

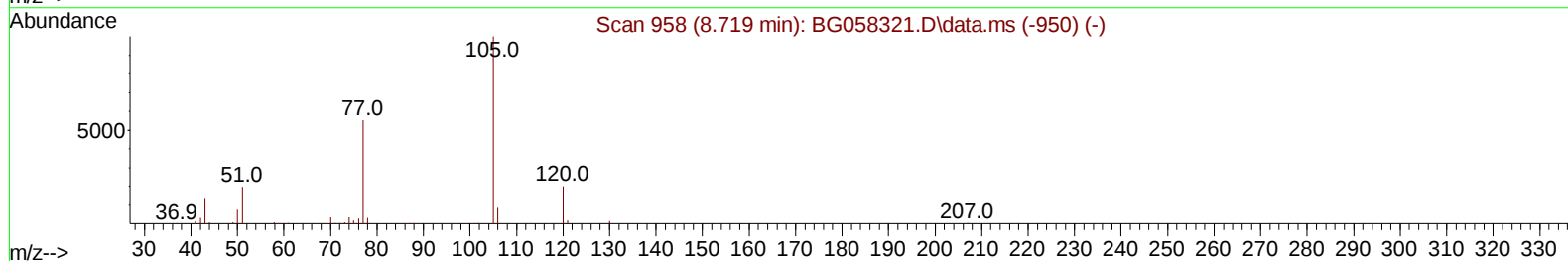
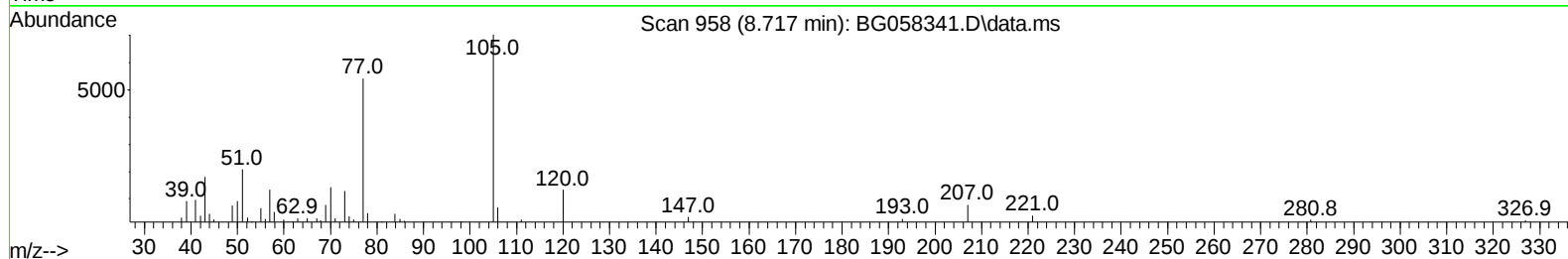
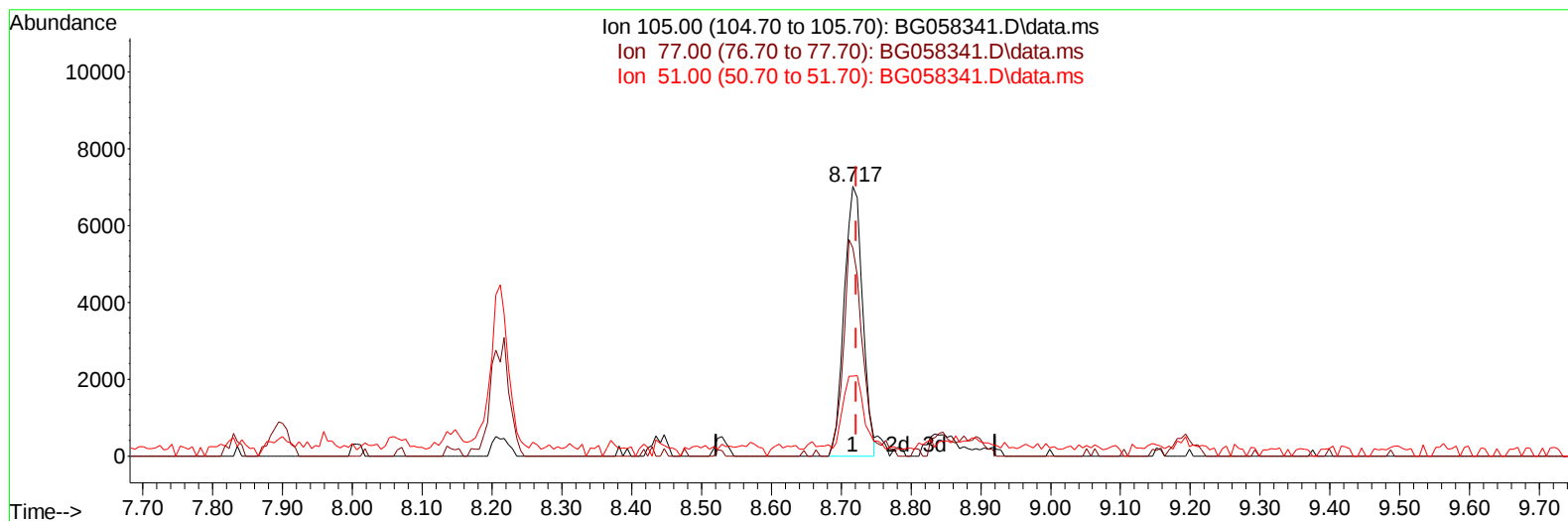
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071823\  
 Data File : BG058341.D  
 Acq On : 20 Jul 2023 00:20  
 Operator : CG/JU  
 Sample : 03452-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A46P8

Manual IntegrationsAPPROVED

Quant Time: Jul 20 01:45:27 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 18 02:19:39 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023  
 Supervised By :mohammad ahmed 07/20/2023



TIC: BG058341.D\data.ms

(16) Acetophenone

8.717min (-0.004) 2.55 ng/u1

response 12827

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 77.00  | 75.90  | 77.20  |
| 51.00  | 29.40  | 29.56  |
| 0.00   | 0.00   | 0.00   |

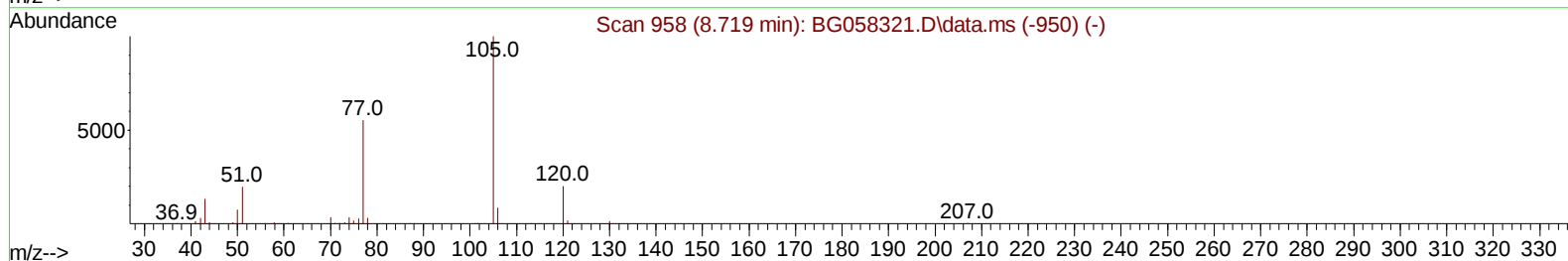
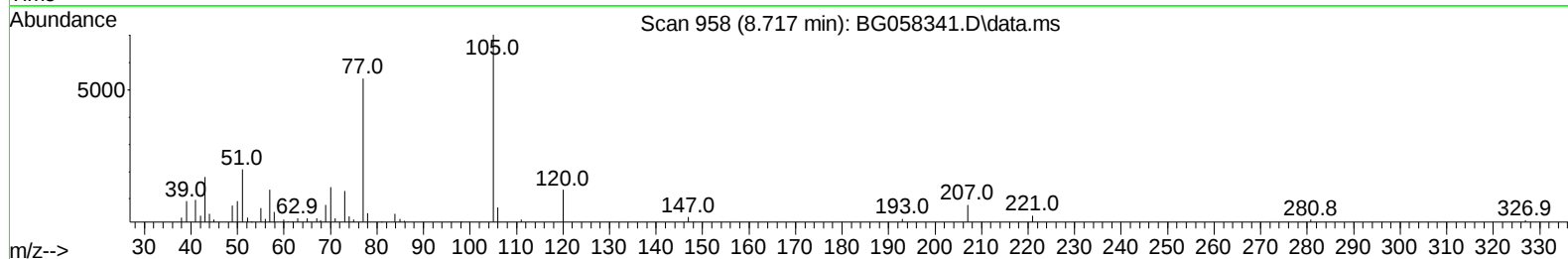
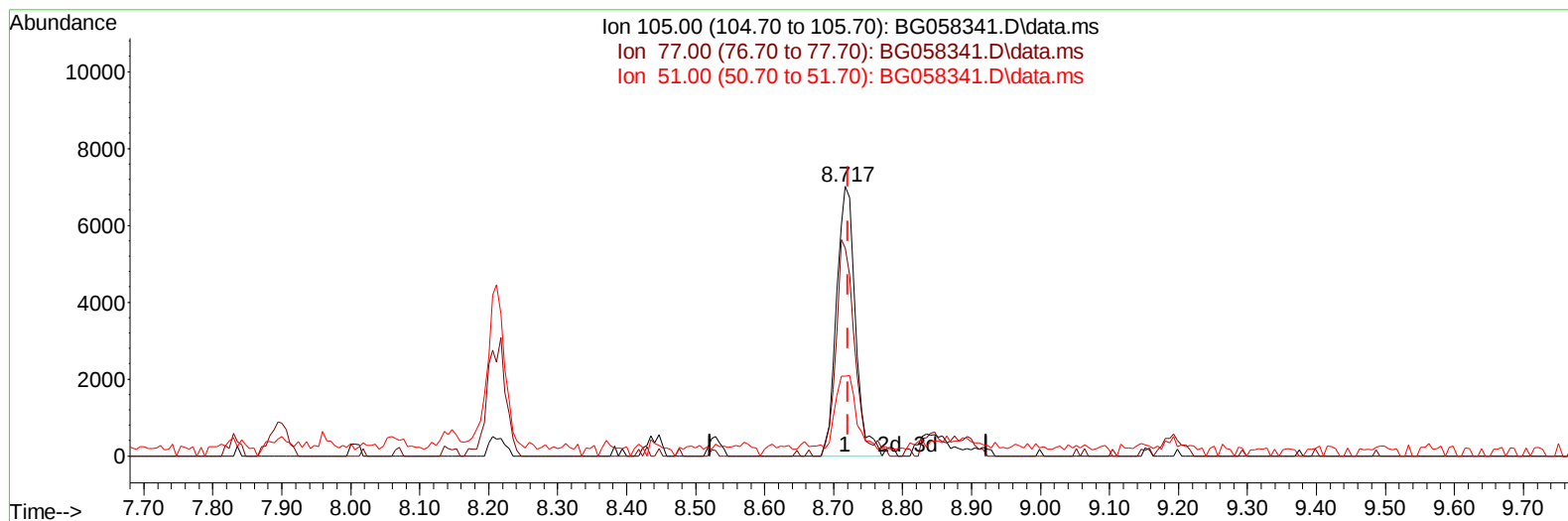
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071823\  
Data File : BG058341.D  
Acq On : 20 Jul 2023 00:20  
Operator : CG/JU  
Sample : 03452-16  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A46P8

Manual IntegrationsAPPROVED

Quant Time: Jul 20 01:45:27 2023  
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QLast Update : Tue Jul 18 02:19:39 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



TIC: BG058341.D\data.ms

(16) Acetophenone

8.717min (-0.004) 2.64 ng/ul m

response 13264

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 77.00  | 75.90  | 77.20  |
| 51.00  | 29.40  | 29.56  |
| 0.00   | 0.00   | 0.00   |

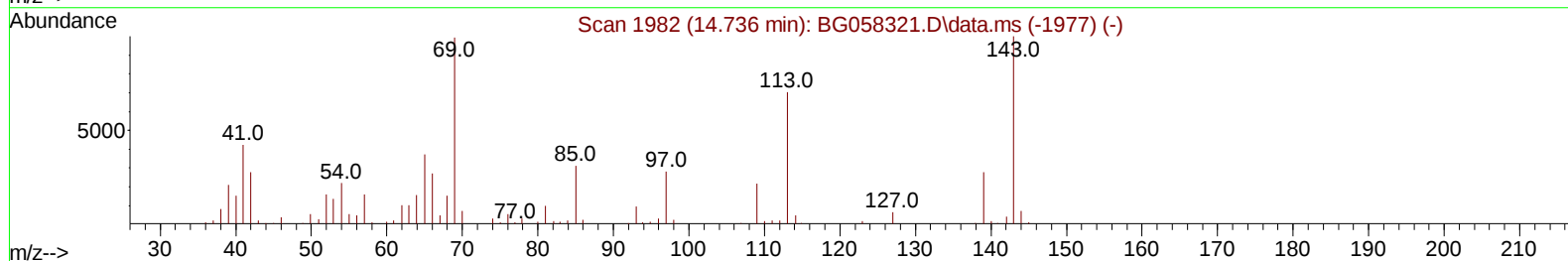
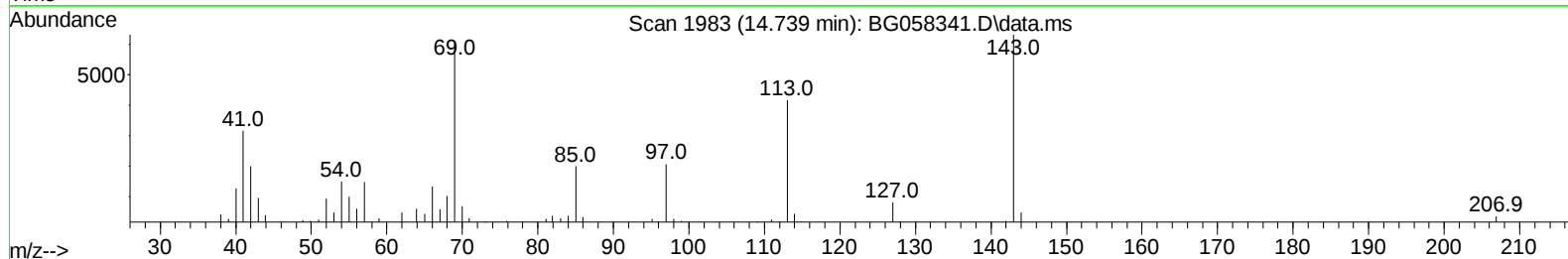
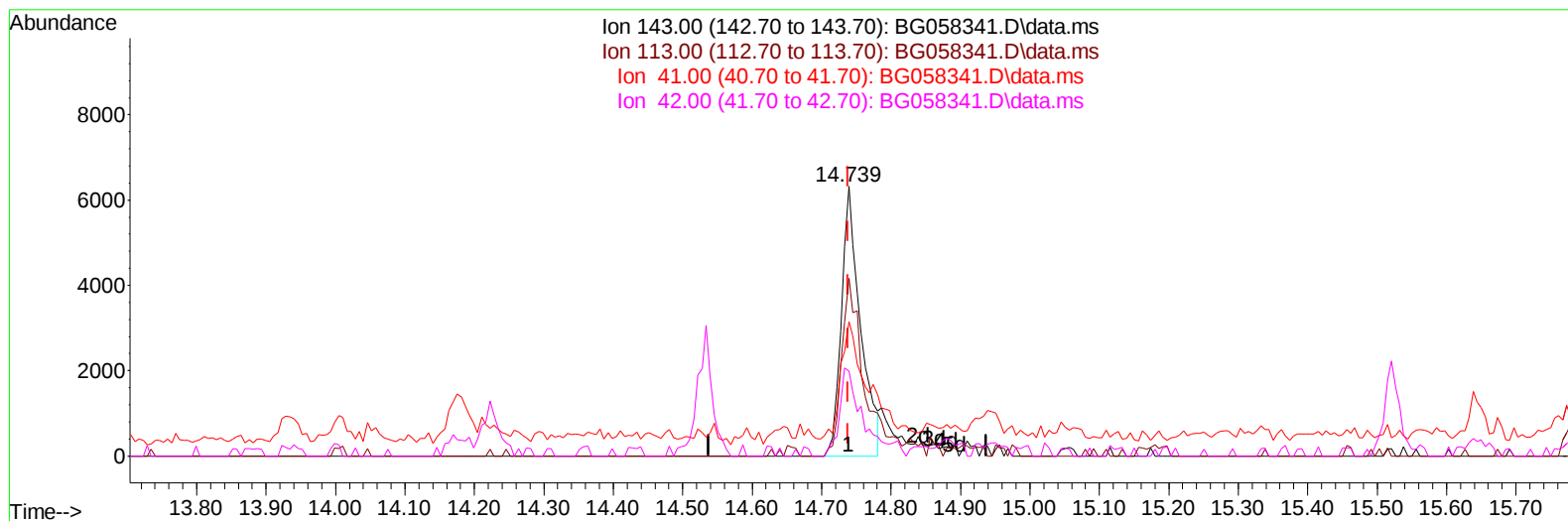
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071823\  
Data File : BG058341.D  
Acq On : 20 Jul 2023 00:20  
Operator : CG/JU  
Sample : 03452-16  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A46P8

Manual IntegrationsAPPROVED

Quant Time: Jul 20 01:45:27 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 18 02:19:39 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023  
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TIC: BG058341.D\data.ms

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

**14.739min (+ 0.001) 7.18 ng/u1**

**response 11986**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 67.80  | 65.99  |
| 41.00  | 46.40  | 49.99  |
| 42.00  | 30.60  | 31.54  |

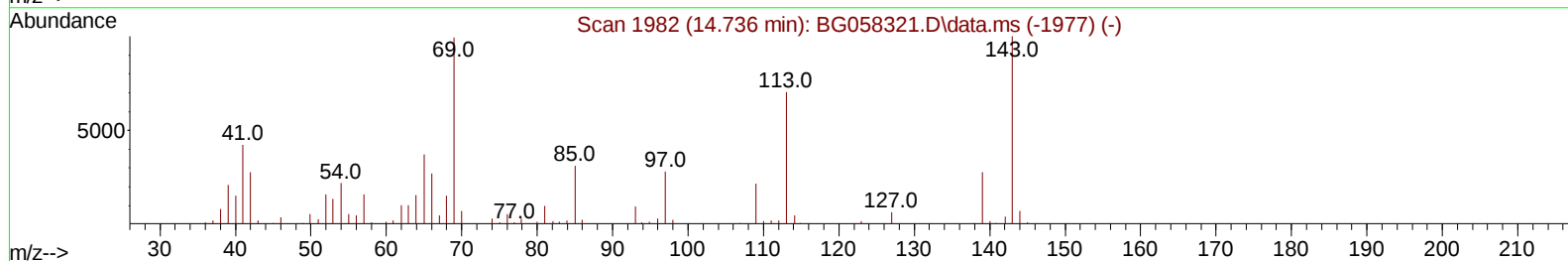
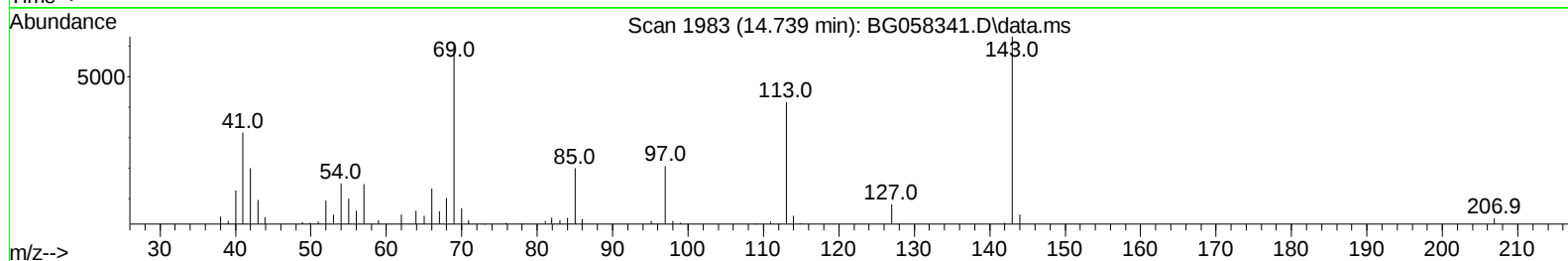
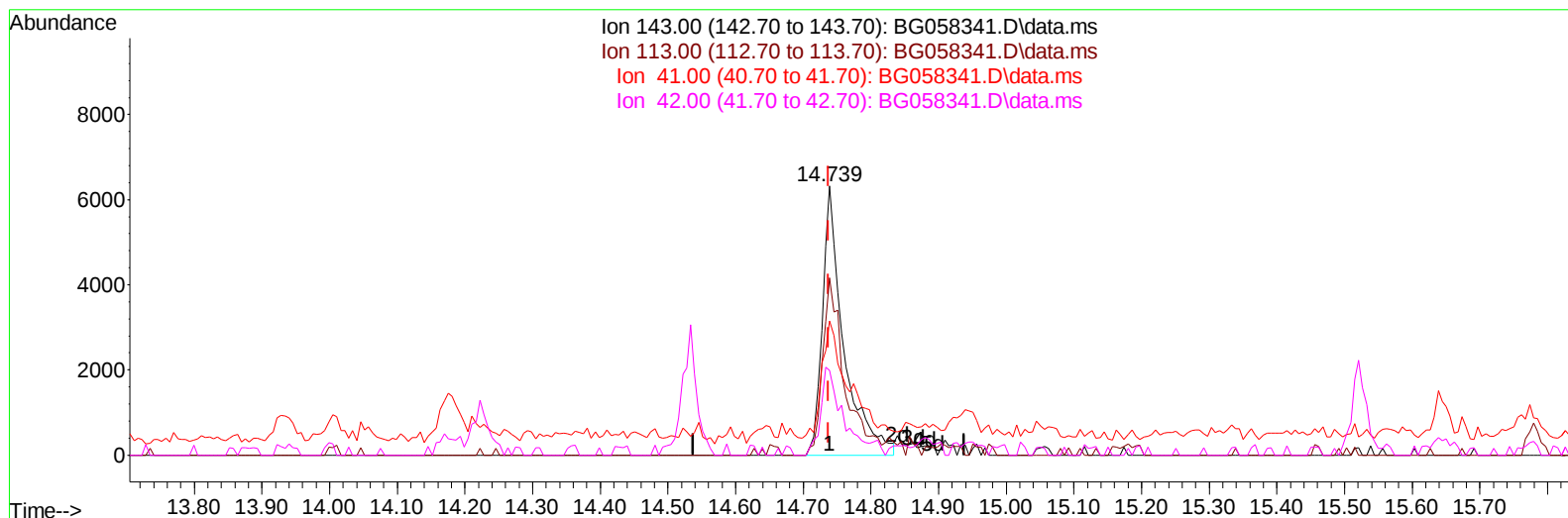
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071823\  
Data File : BG058341.D  
Acq On : 20 Jul 2023 00:20  
Operator : CG/JU  
Sample : 03452-16  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A46P8

Manual IntegrationsAPPROVED

Quant Time: Jul 20 01:45:27 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 18 02:19:39 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



TIC: BG058341.D\data.ms

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

14.739min (+ 0.001) 8.22 ng/ul m

response 13708

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 67.80  | 65.99  |
| 41.00  | 46.40  | 49.99  |
| 42.00  | 30.60  | 31.54  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071823\  
 Data File : BG058341.D  
 Acq On : 20 Jul 2023 00:20  
 Operator : CG/JU  
 Sample : 03452-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A46P8

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023  
 Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 20 03:19:19 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.894  | 152  | 40770    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.697 | 136  | 189448   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.534 | 164  | 143252   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.277 | 188  | 337168   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.525 | 240  | 280443   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.657 | 264  | 317517   | 20.000 | ng/ul | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.341  | 96   | 2219     | 2.003  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.746  | 84   | 28503    | 8.669  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.060  | 99   | 29072    | 7.517  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.219  | 67   | 29883    | 12.362 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.430  | 132  | 23515    | 8.686  | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.611  | 113  | 983m     | 0.333  | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.058  | 128  | 18023    | 12.692 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.774  | 143  | 19876    | 12.821 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.321 | 165  | 14154    | 4.763  | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.850 | 131  | 336      | 0.078  | ng/ul | 0.01     |
| 46) Dimethylphthalate-d6      | 13.934 | 166  | 133579   | 12.092 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.222 | 160  | 134667   | 11.633 | ng/ul | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.739 | 143  | 13708m   | 8.217  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.521 | 176  | 122720   | 13.418 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.644 | 200  | 14251    | 8.296  | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.371 | 188  | 69096    | 4.743  | ng/ul | -0.01    |
| 81) Pyrene-d10                | 19.663 | 212  | 198884   | 12.007 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.440 | 264  | 37400    | 2.437  | ng/ul | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 16) Acetophenone              | 8.717  | 105  | 13264m   | 2.640  | ng/ul |          |
| 80) Fluoranthene              | 19.328 | 202  | 22086    | 1.164  | ng/ul | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.408 | 149  | 44287    | 4.113  | ng/ul | 100      |
| -----                         |        |      |          |        |       |          |

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

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A46P8

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Supervised By :mohammad ahmed 07/20/2023

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