

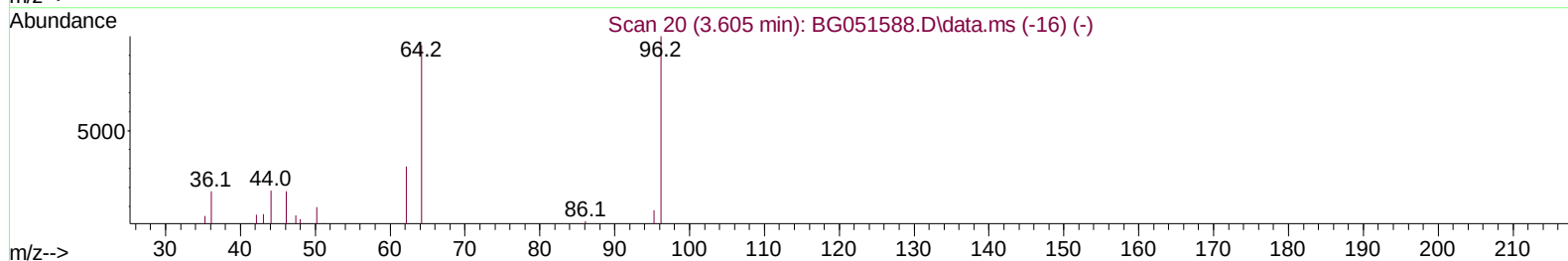
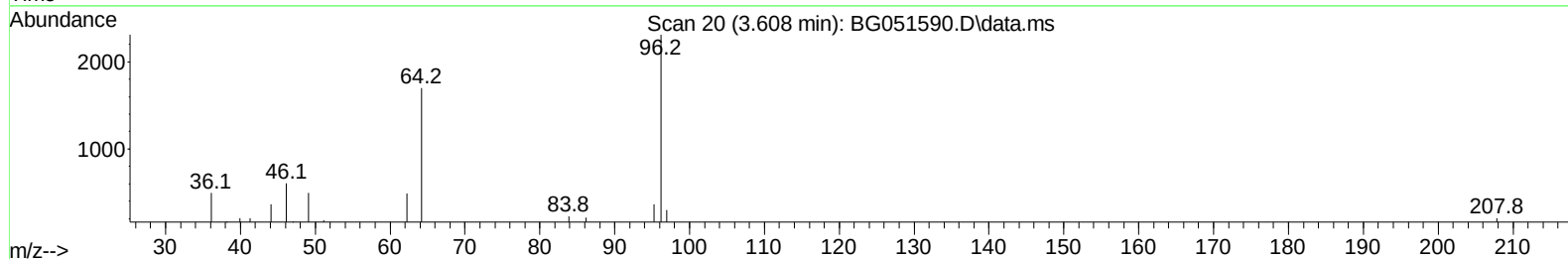
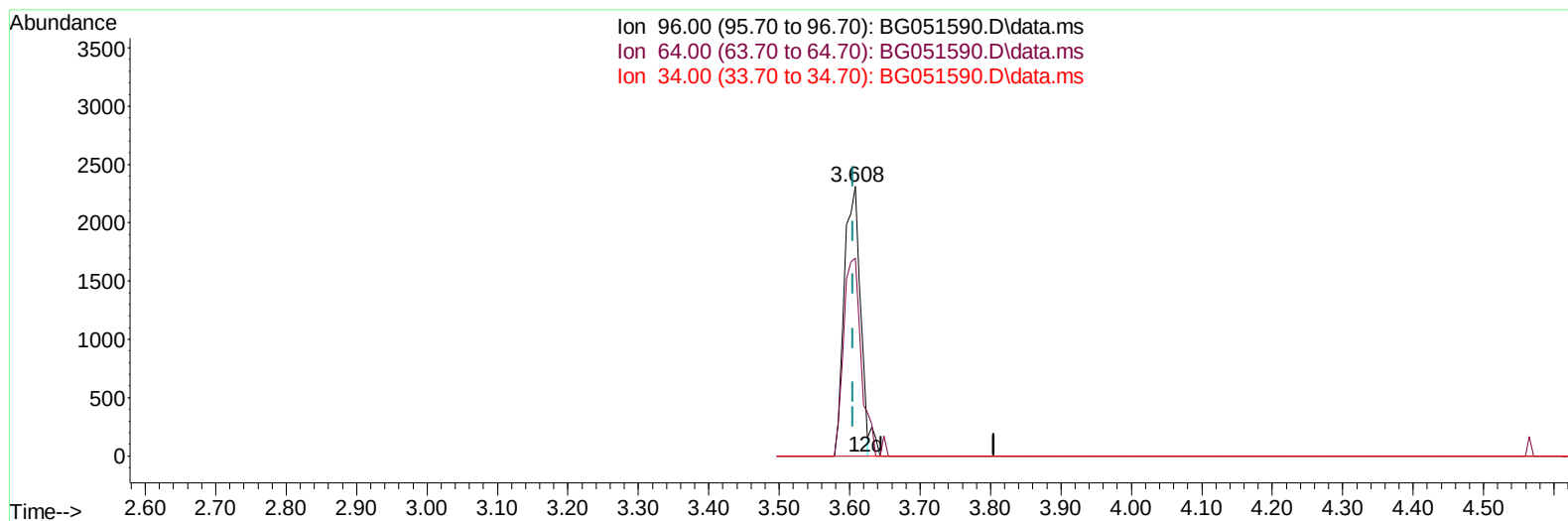
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121721\  
 Data File : BG051590.D  
 Acq On : 17 Dec 2021 10:10  
 Operator : CG/JU  
 Sample : M5037-17  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C00Y2

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:02:11 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 12/20/2021  
 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051590.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.608min (+ 0.003) 5.22 ng/uL**

**response 3611**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 77.60  | 73.52  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

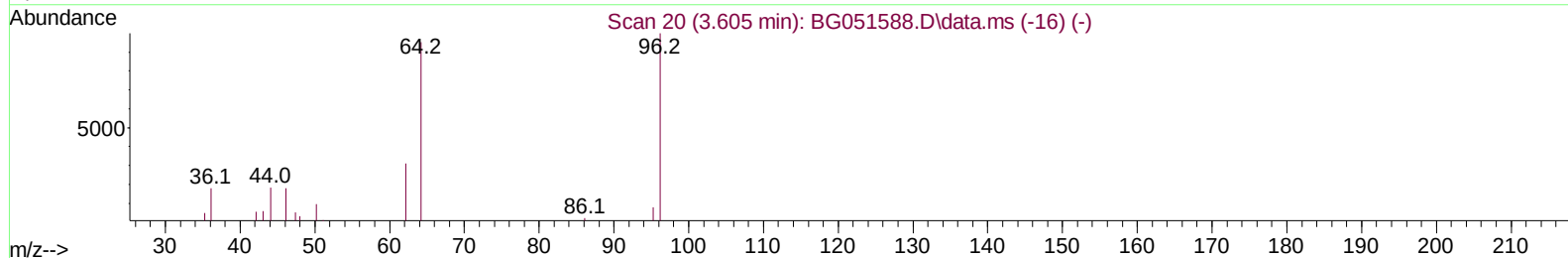
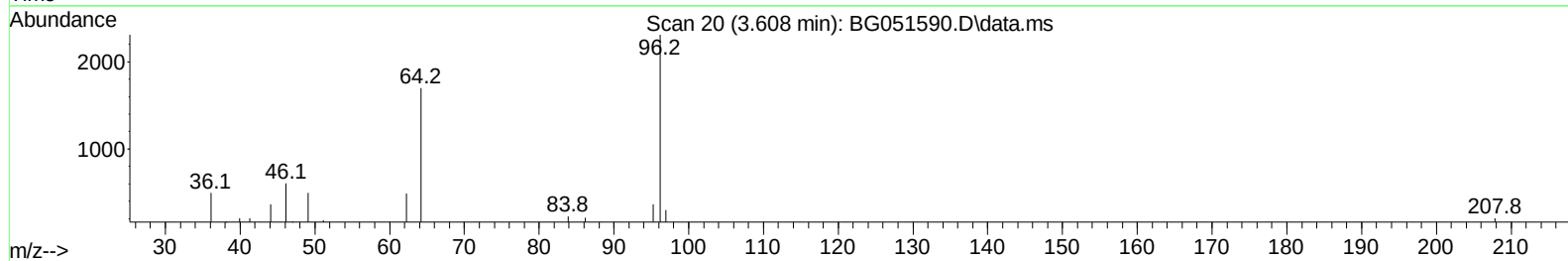
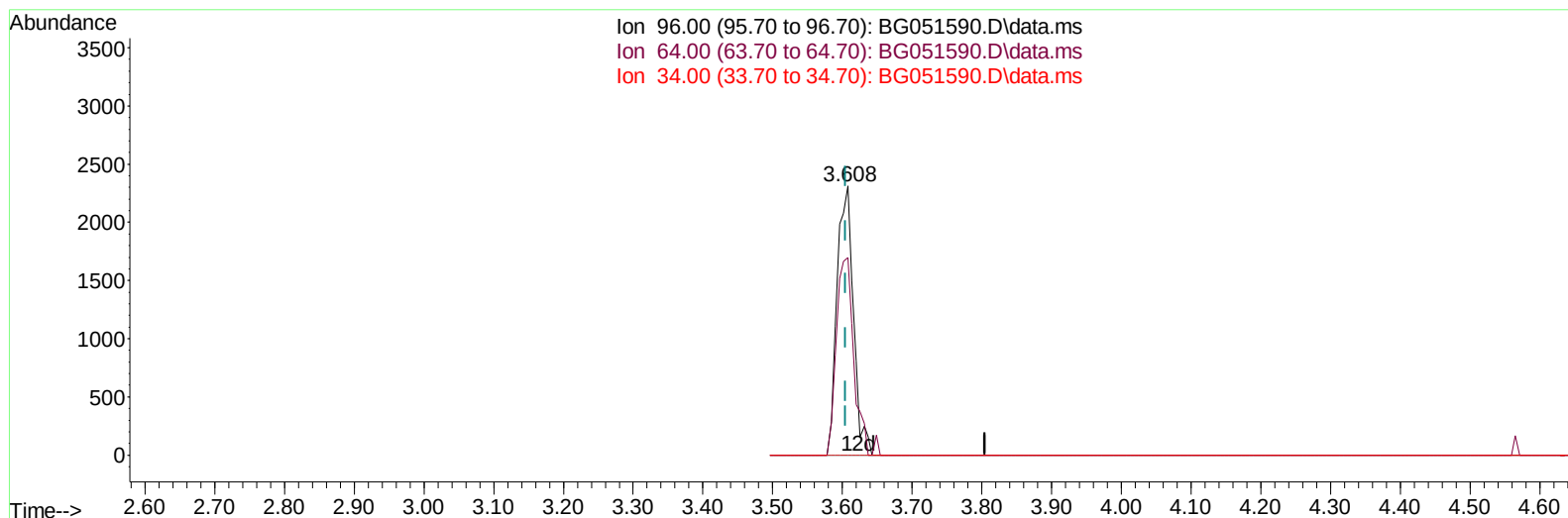
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**(3) 1,4-Dioxane-d8 (S)**

**3.608min (+ 0.003) 5.43 ng/uL m**

**response 3754**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 77.60  | 73.52  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

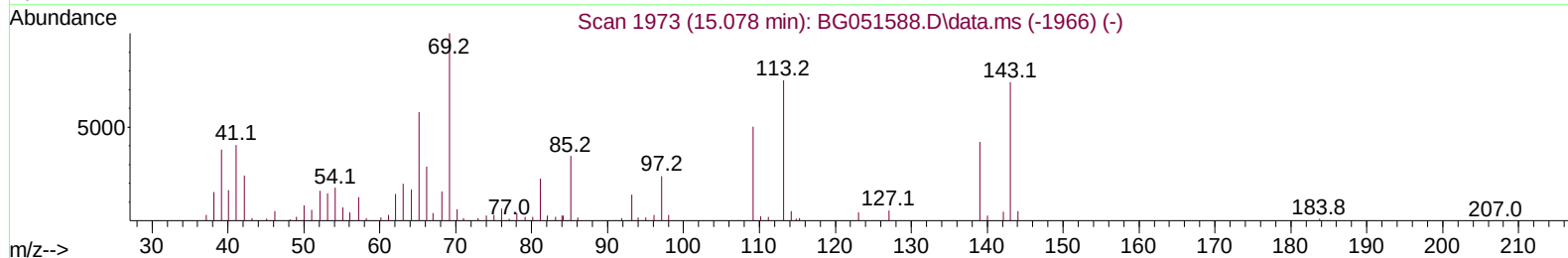
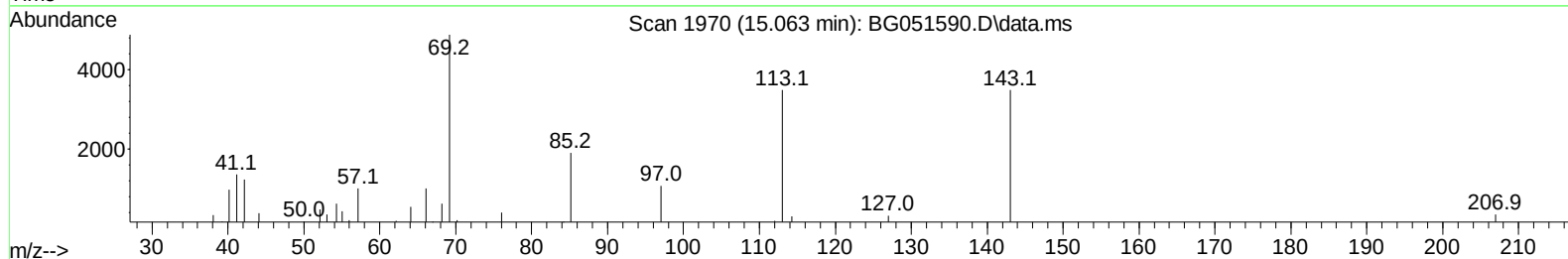
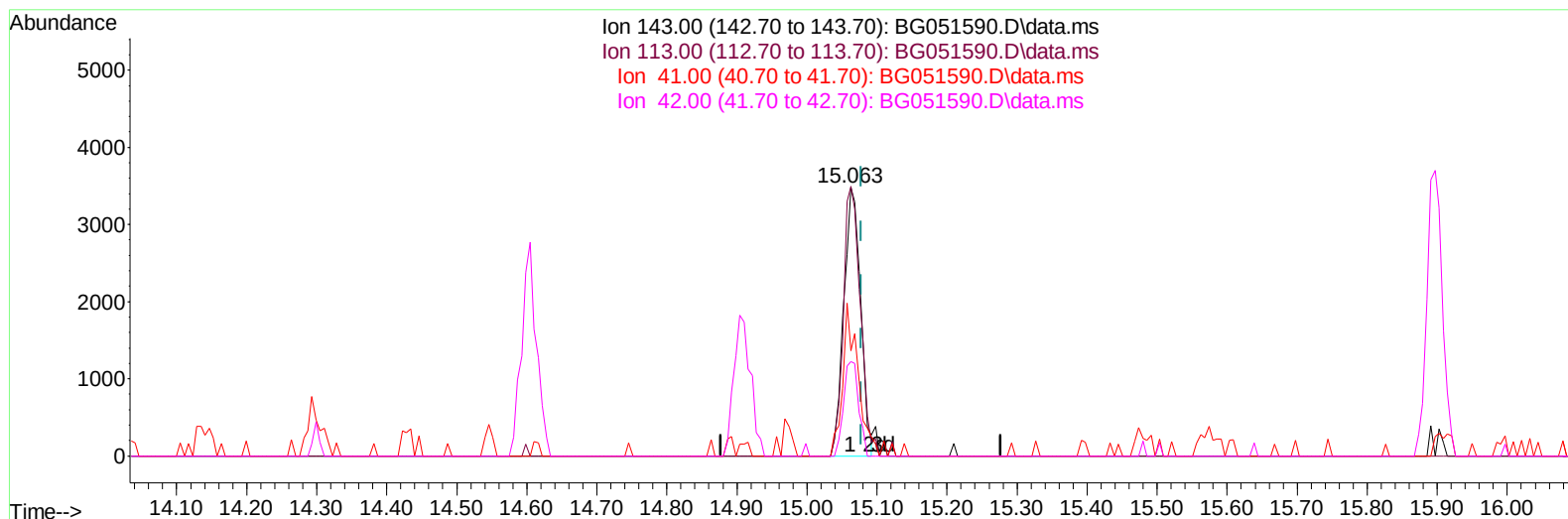
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121721\  
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 Acq On : 17 Dec 2021 10:10  
 Operator : CG/JU  
 Sample : M5037-17  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C00Y2

Manual IntegrationsAPPROVED

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

**15.063min (-0.015) 5.35 ng/ul**

**response 5875**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 80.30  | 100.37# |
| 41.00  | 44.40  | 39.21   |
| 42.00  | 29.70  | 35.21   |

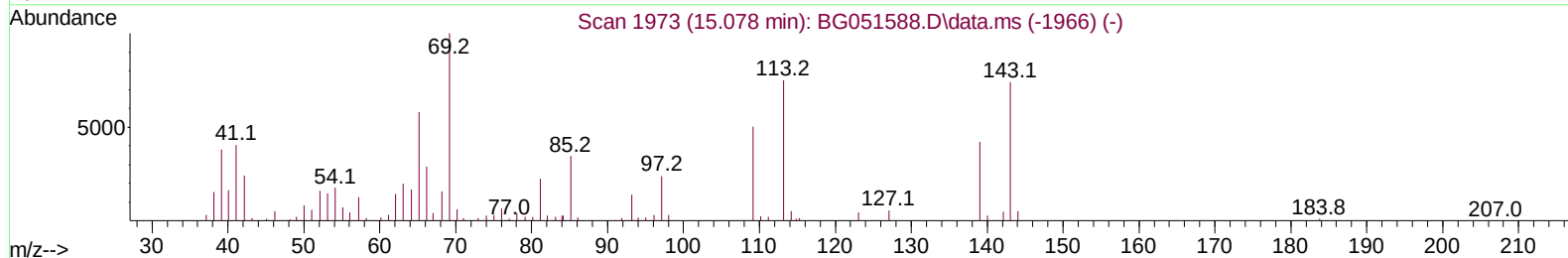
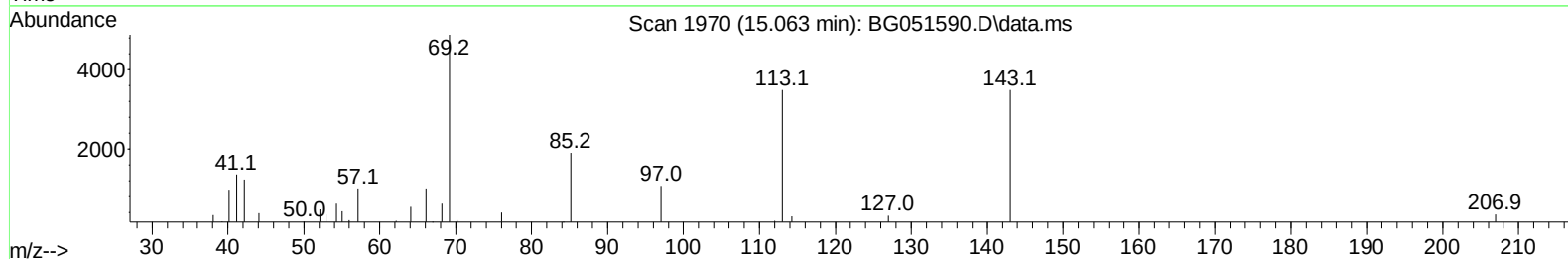
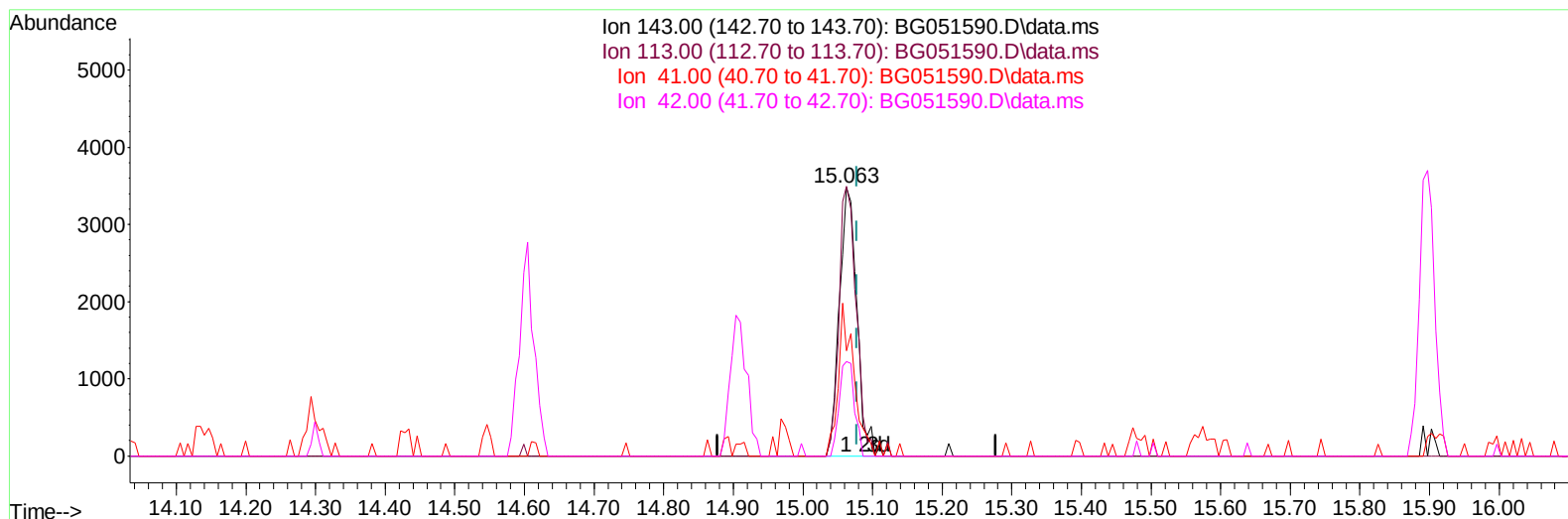
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Data File : BG051590.D  
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Sample : M5037-17  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C00Y2

Manual IntegrationsAPPROVED

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TIC: BG051590.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.063min (-0.015) 5.48 ng/ul m

response 6012

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 80.30  | 100.37# |
| 41.00  | 44.40  | 39.21   |
| 42.00  | 29.70  | 35.21   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121721\  
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 Acq On : 17 Dec 2021 10:10  
 Operator : CG/JU  
 Sample : M5037-17  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C00Y2

Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.278  | 152  | 28709    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 11.109 | 136  | 114294   | 20.000 | ng/ul | -0.01    |
| 38) Acenaphthene-d10          | 14.910 | 164  | 84307    | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.653 | 188  | 207253   | 20.000 | ng/ul | # 0.00   |
| 79) Chrysene-d12              | 21.971 | 240  | 211463   | 20.000 | ng/ul | #-0.01   |
| 88) Perylene-d12              | 25.466 | 264  | 212484   | 20.000 | ng/ul | -0.03    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.608  | 96   | 3754m    | 5.430  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 4.036  | 84   | 17261    | 8.264  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.402  | 99   | 20016    | 7.809  | ng/ul | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.579  | 67   | 46844    | 30.741 | ng/ul | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.796  | 132  | 43410    | 24.350 | ng/ul | -0.01    |
| 15) 4-Methylphenol-d8         | 8.965  | 113  | 34000    | 17.160 | ng/ul | -0.01    |
| 21) Nitrobenzene-d5           | 9.441  | 128  | 28170    | 33.617 | ng/ul | -0.01    |
| 24) 2-Nitrophenol-d4          | 10.175 | 143  | 26265    | 28.673 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.716 | 165  | 54858    | 27.616 | ng/ul | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.233 | 131  | 68439    | 26.167 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.299 | 166  | 220426   | 32.666 | ng/ul | -0.01    |
| 49) Acenaphthylene-d8         | 14.605 | 160  | 261006   | 31.144 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.063 | 143  | 6012m    | 5.479  | ng/ul | -0.01    |
| 60) Fluorene-d10              | 15.897 | 176  | 197614   | 32.687 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.991 | 200  | 2662     | 2.465  | ng/ul | -0.02    |
| 73) Anthracene-d10            | 17.753 | 188  | 366675   | 37.088 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 20.032 | 212  | 449152   | 35.292 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.225 | 264  | 415764   | 37.188 | ng/ul | -0.03    |

Target Compounds Qvalue

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

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