

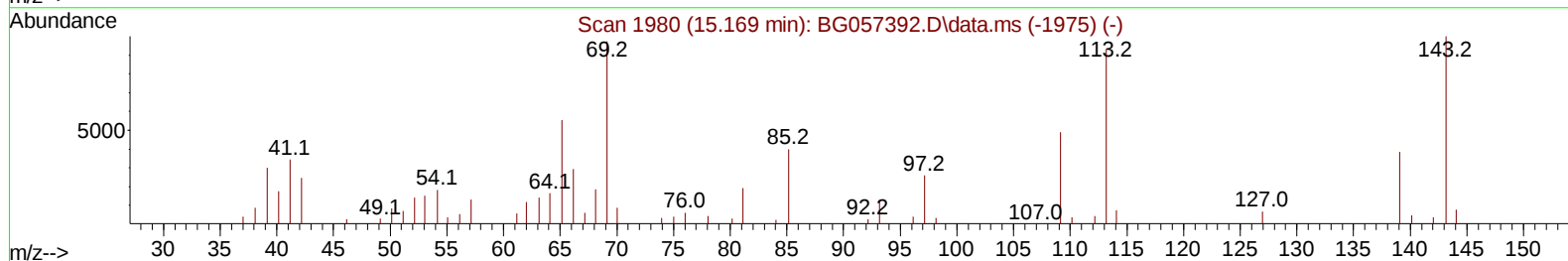
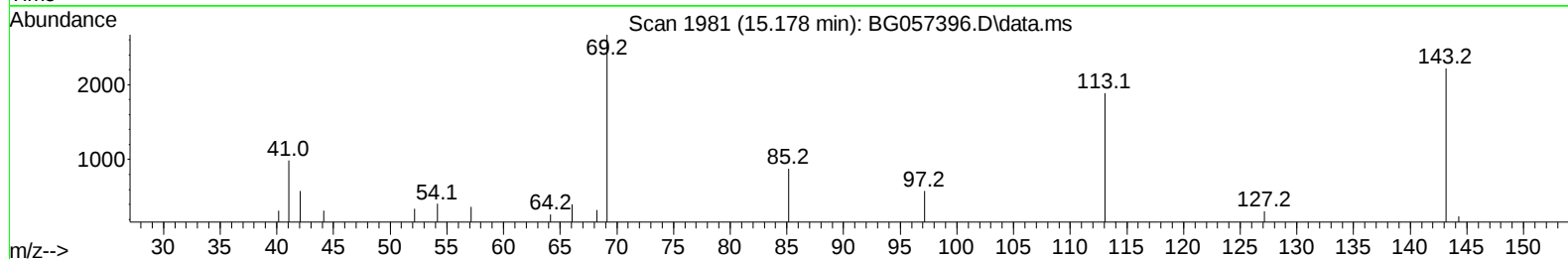
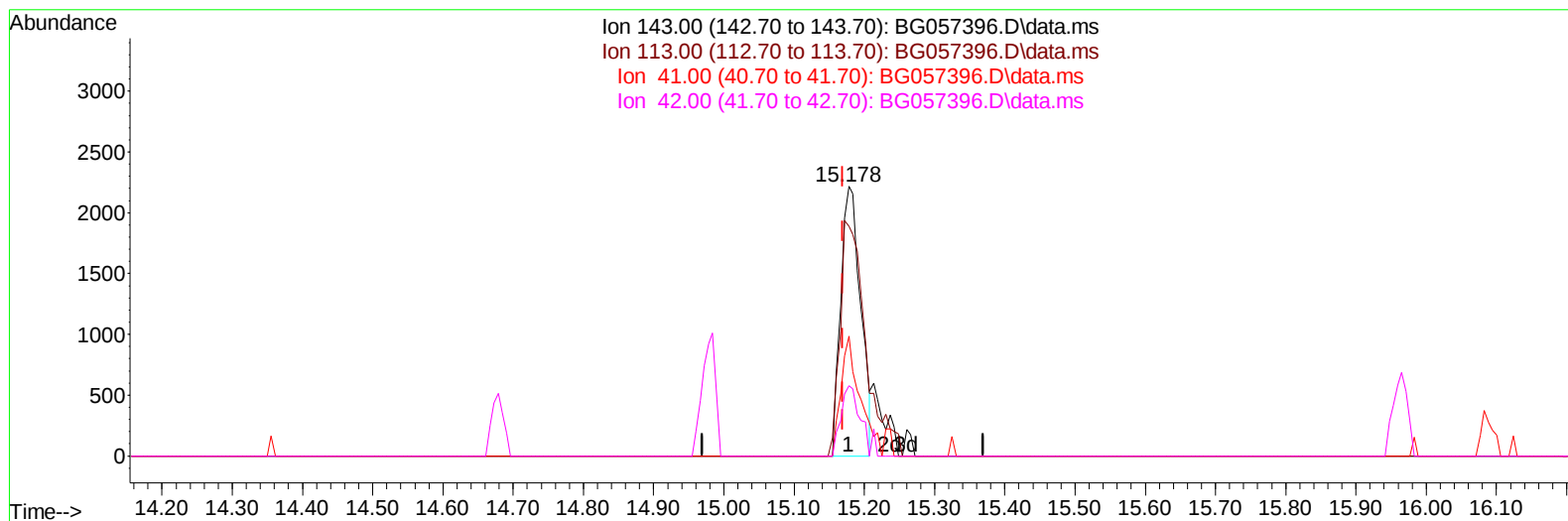
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051123\  
Data File : BG057396.D  
Acq On : 11 May 2023 12:39  
Operator : CG/JU  
Sample : 02591-19  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JREA7

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/12/2023  
Supervised By :Jagrut Upadhyay 05/15/2023

Quant Time: May 11 23:34:20 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 10 11:18:43 2023  
Response via : Initial Calibration



TIC: BG057396.D\data.ms

**(54) 4-Nitrophenol-d4 (S)****15.178min (+ 0.008) 7.01 ng/u1****response 4376**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 95.60  | 85.20  |
| 41.00  | 44.40  | 44.54  |
| 42.00  | 28.40  | 26.13  |

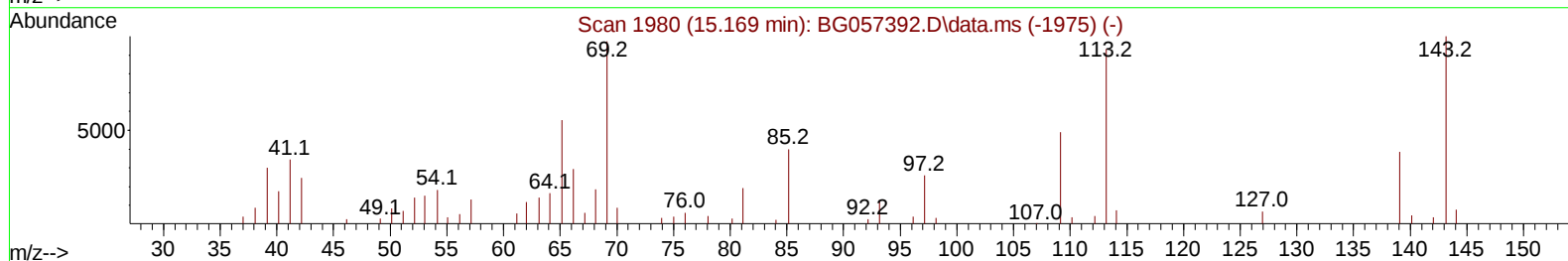
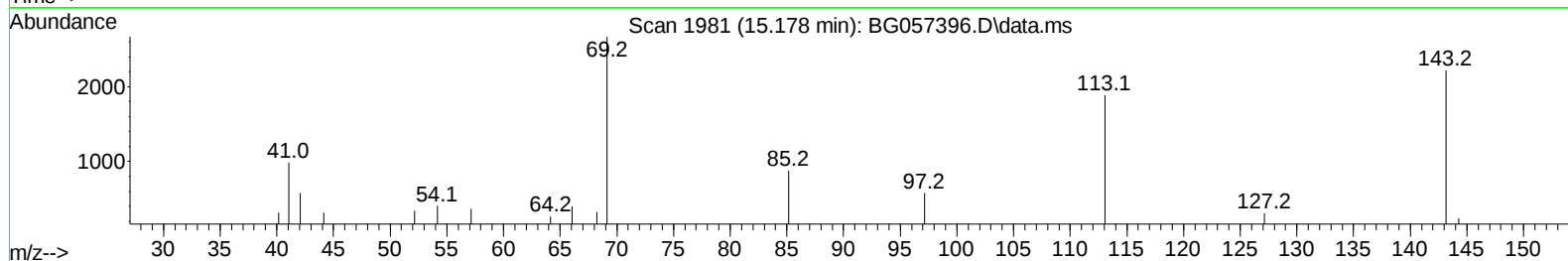
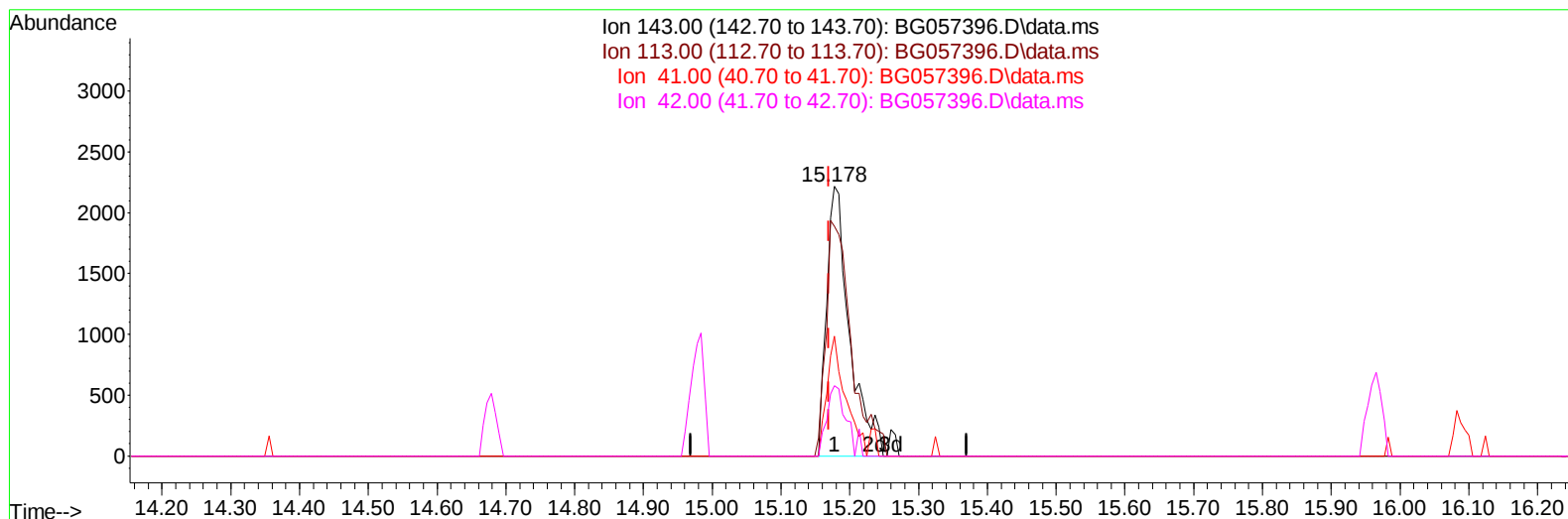
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TIC: BG057396.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.178min (+ 0.008) 8.22 ng/ul m

response 5132

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 95.60  | 85.20  |
| 41.00  | 44.40  | 44.54  |
| 42.00  | 28.40  | 26.13  |

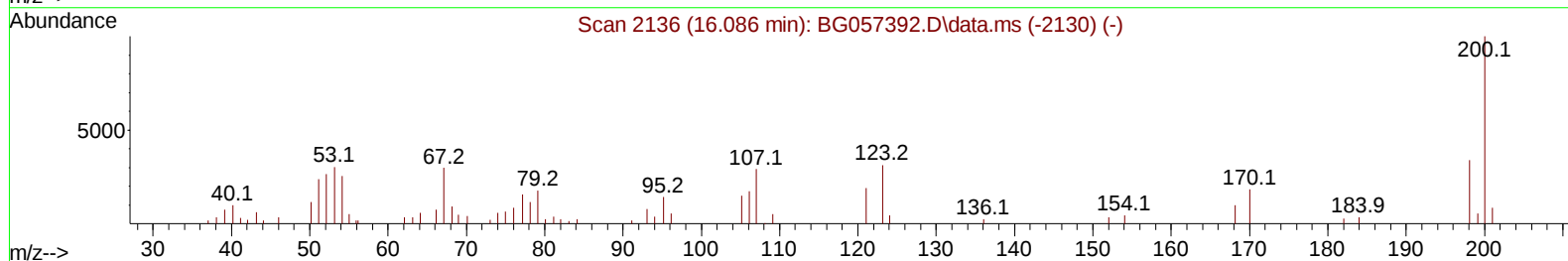
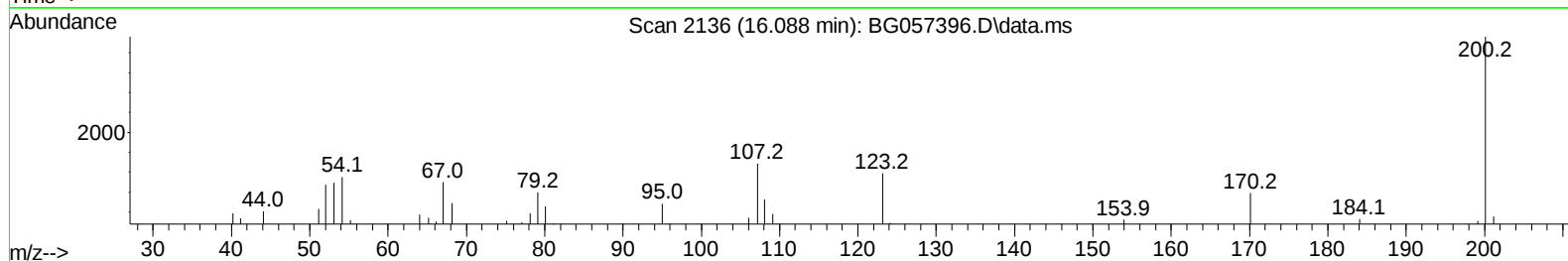
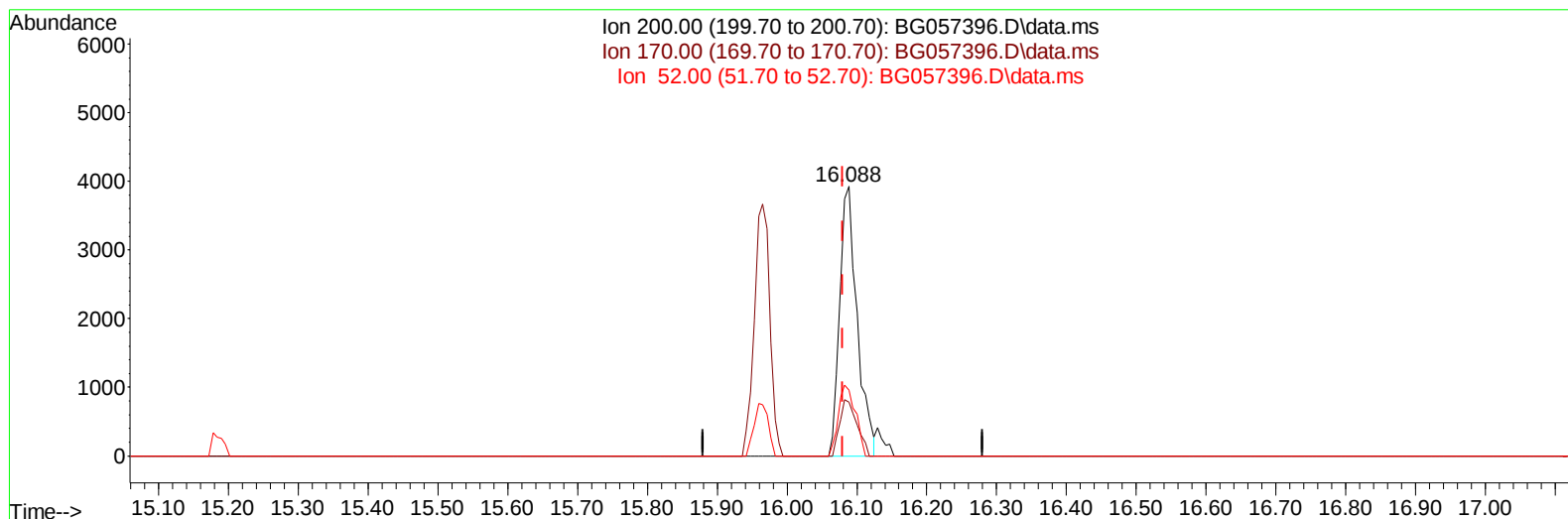
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## (65) 4,6-Dinitro-2-methylphenol-d2 (S)

16.088min (+ 0.008) 8.99 ng/u1

response 6785

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.80  | 19.92  |
| 52.00  | 34.60  | 24.33# |
| 0.00   | 0.00   | 0.00   |

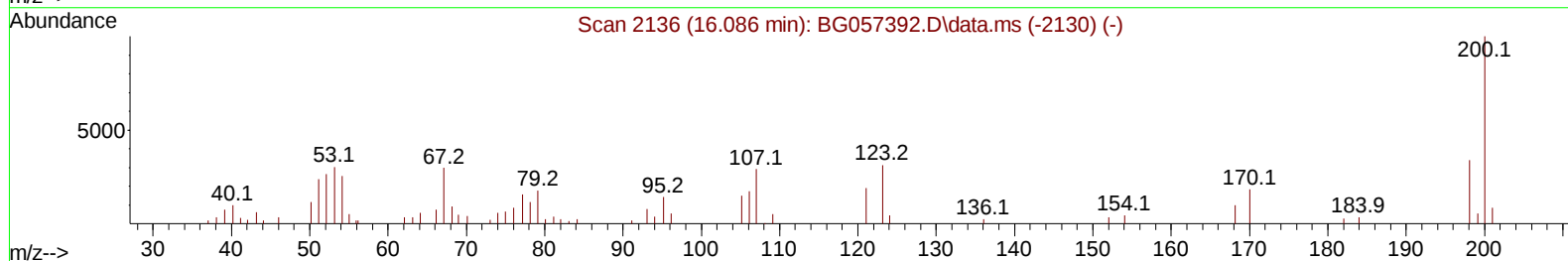
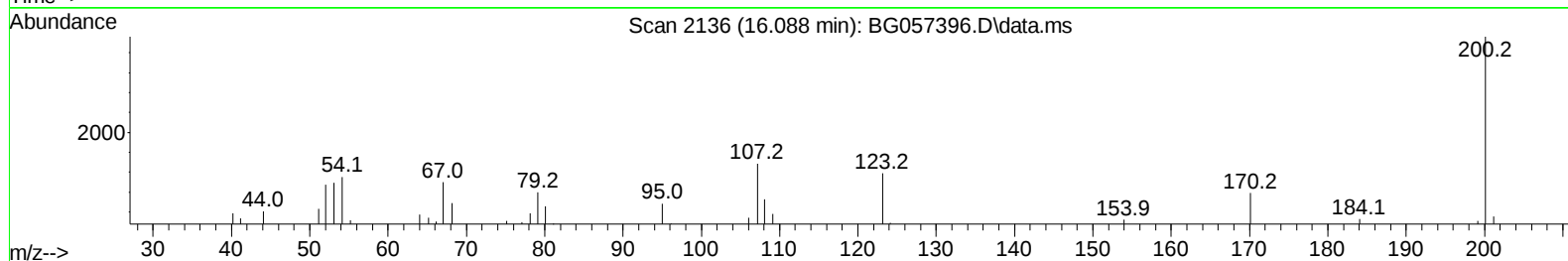
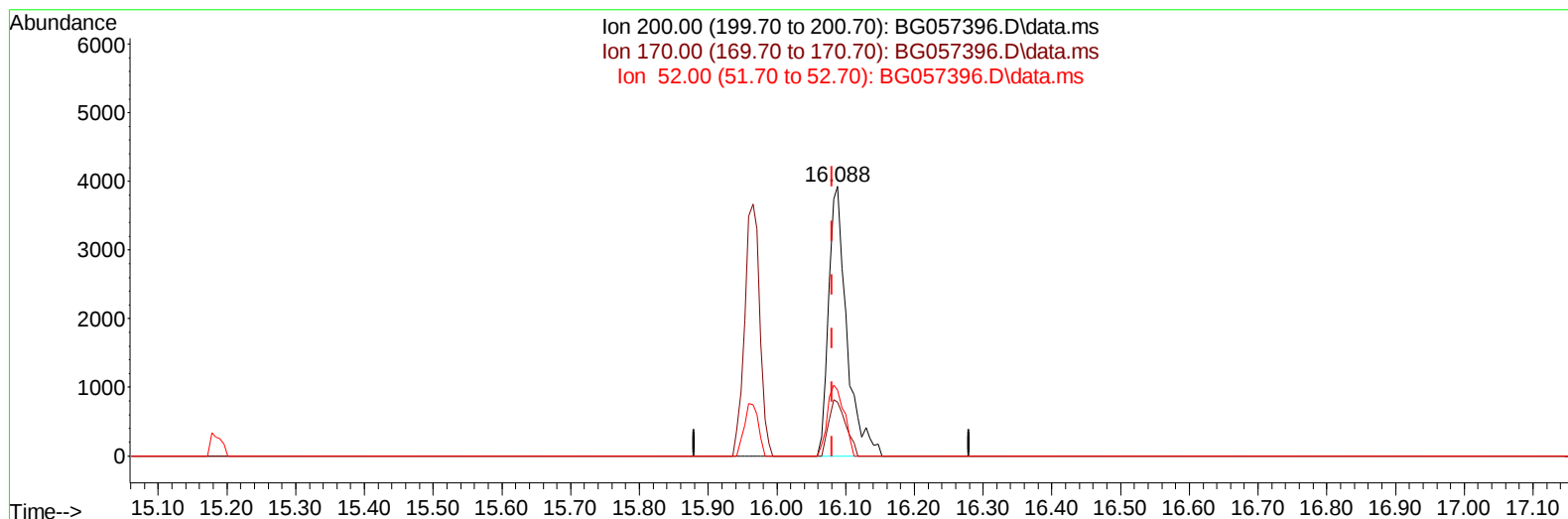
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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TIC: BG057396.D\data.ms

## (65) 4,6-Dinitro-2-methylphenol-d2 (S)

16.088min (+ 0.008) 9.46 ng/ul m

response 7136

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.80  | 19.92  |
| 52.00  | 34.60  | 24.33# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051123\  
 Data File : BG057396.D  
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 Operator : CG/JU  
 Sample : 02591-19  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JREA7

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/12/2023  
 Supervised By :Jagrut Upadhyay 05/15/2023

Quant Time: May 11 23:48:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 10 11:18:43 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.369  | 152  | 17883    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.201 | 136  | 72180    | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.978 | 164  | 54112    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.721 | 188  | 127337   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 22.027 | 240  | 113425   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 25.540 | 264  | 122937   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.646  | 96   | 475      | 1.169  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 7.506  | 99   | 16947    | 10.021 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.670  | 67   | 9630     | 9.681  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.894  | 132  | 13042    | 11.702 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.063  | 113  | 13337    | 10.376 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.544  | 128  | 6789     | 11.811 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.279 | 143  | 7815     | 11.650 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.819 | 165  | 16004    | 12.366 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.336 | 131  | 7727     | 4.505  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.361 | 166  | 54662    | 12.749 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.679 | 160  | 61237    | 12.707 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.178 | 143  | 5132m    | 8.223  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.965 | 176  | 49167    | 12.309 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.088 | 200  | 7136m    | 9.459  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.815 | 188  | 77916    | 13.405 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.083 | 212  | 93049    | 13.821 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.294 | 264  | 83164    | 13.278 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 9.198  | 105  | 2460     | 1.112  | ng/ul# | 78       |
| 90) Benzo(b)fluoranthene      | 24.412 | 252  | 13403    | 1.574  | ng/ul# | 91       |
| -----                         |        |      |          |        |        |          |

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

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