

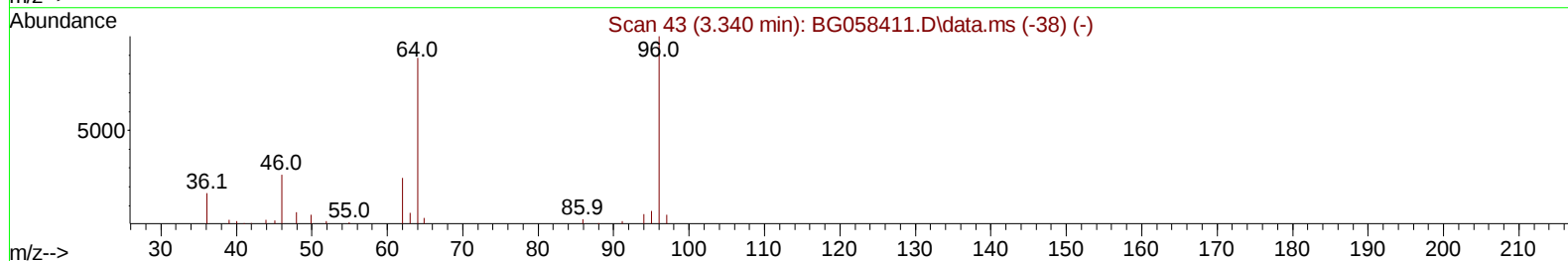
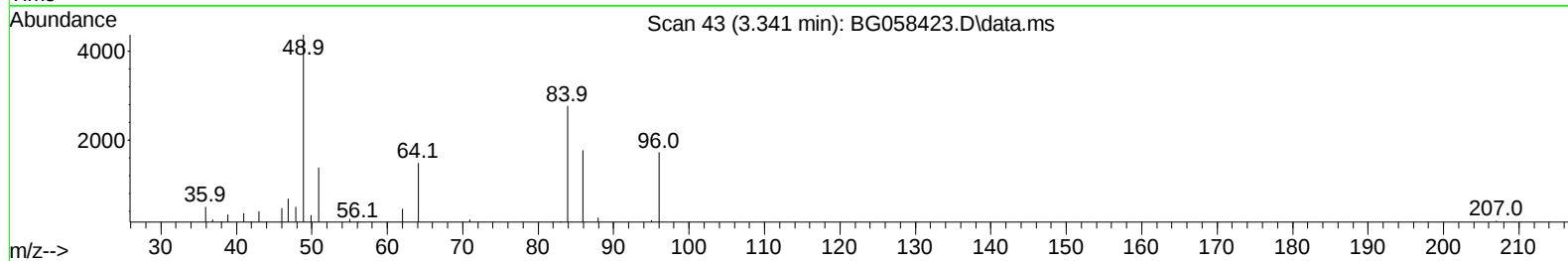
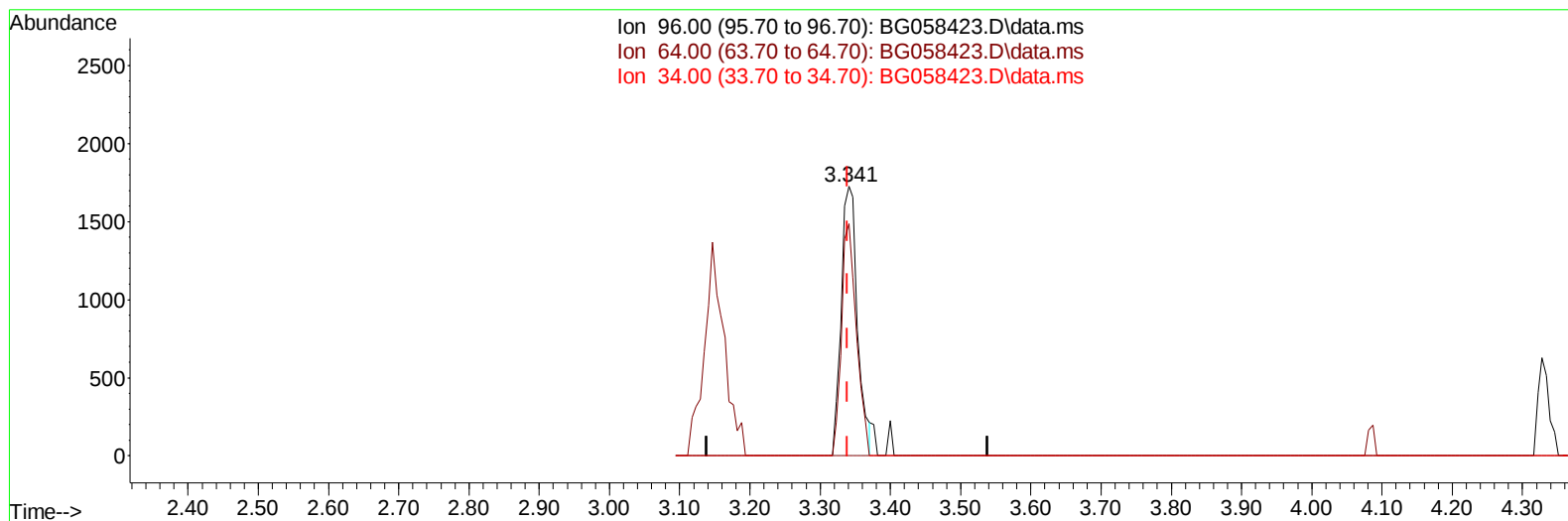
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072223\  
Data File : BG058423.D  
Acq On : 23 Jul 2023 6:37  
Operator : CG/JU  
Sample : 03553-19  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4700

Manual IntegrationsAPPROVED

Quant Time: Jul 24 01:28:07 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 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



TIC: BG058423.D\data.ms

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

3.341min (+ 0.002) 1.14 ng/uL

response 2783

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 91.80  | 86.14  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

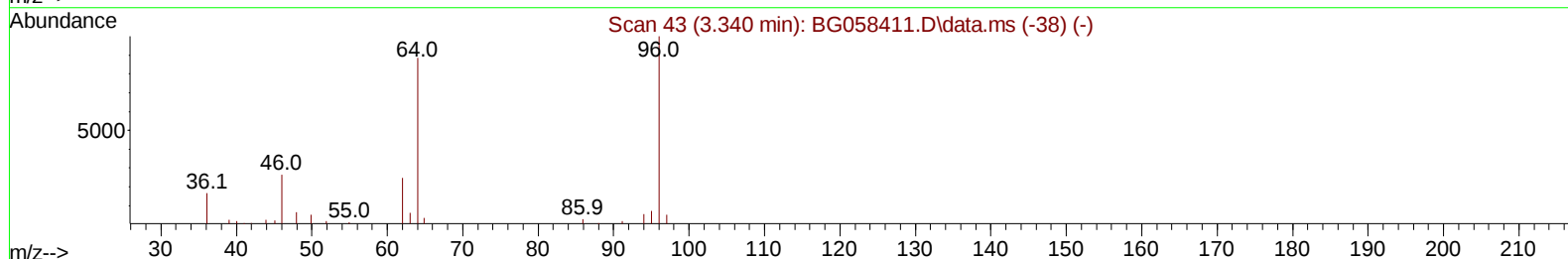
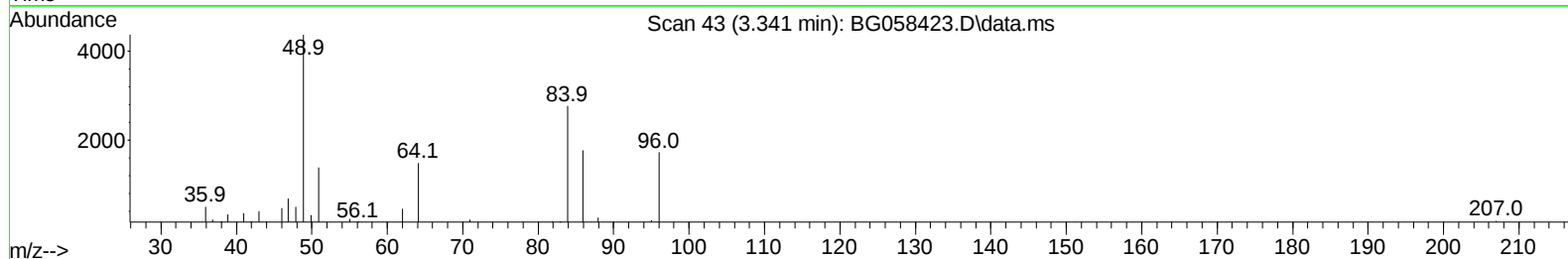
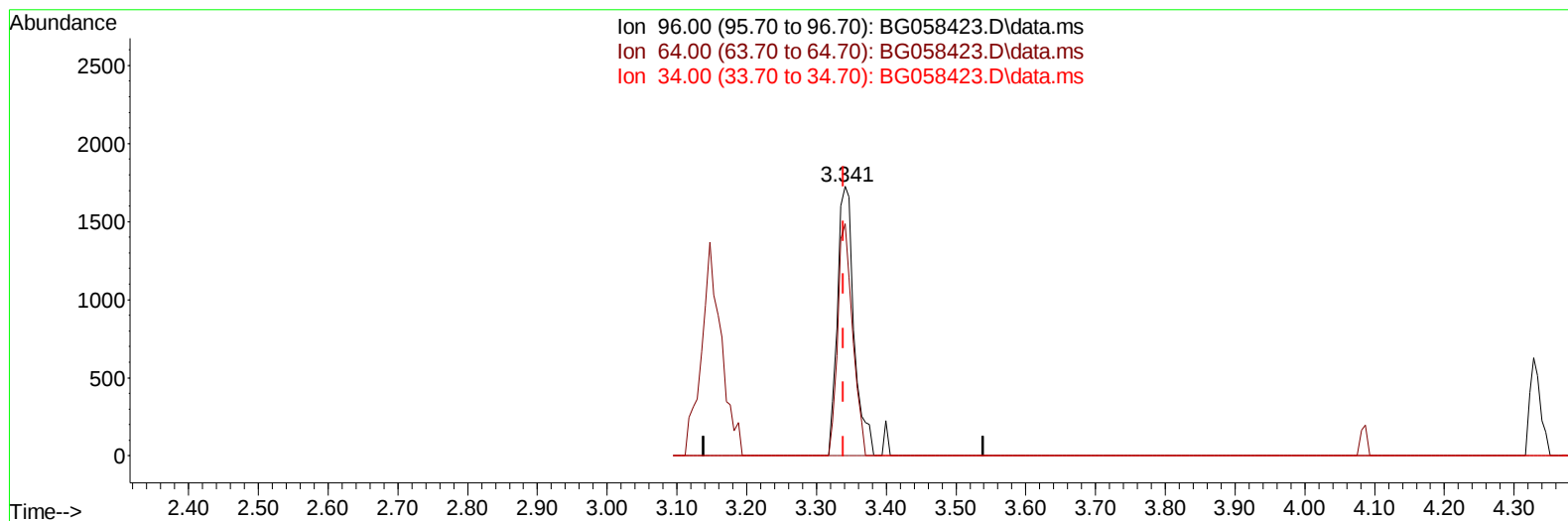
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Manual IntegrationsAPPROVED

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TIC: BG058423.D\data.ms

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

**3.341min (+ 0.002) 1.17 ng/uL m**

**response 2854**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 91.80  | 86.14  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

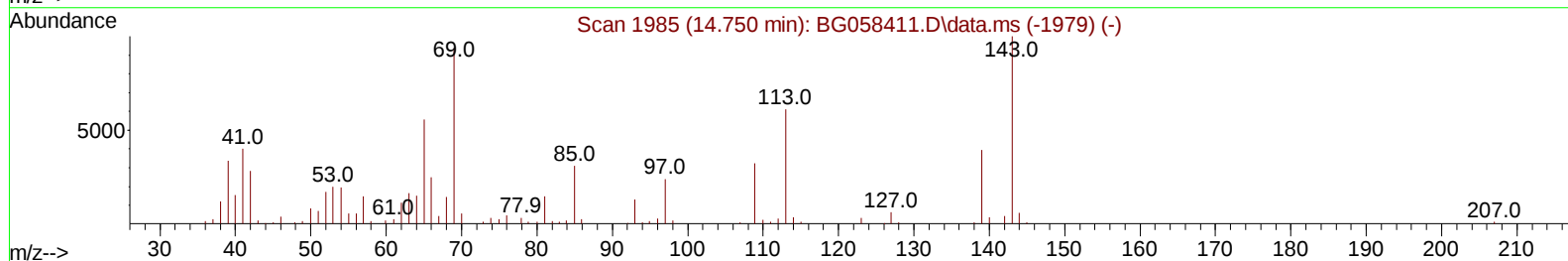
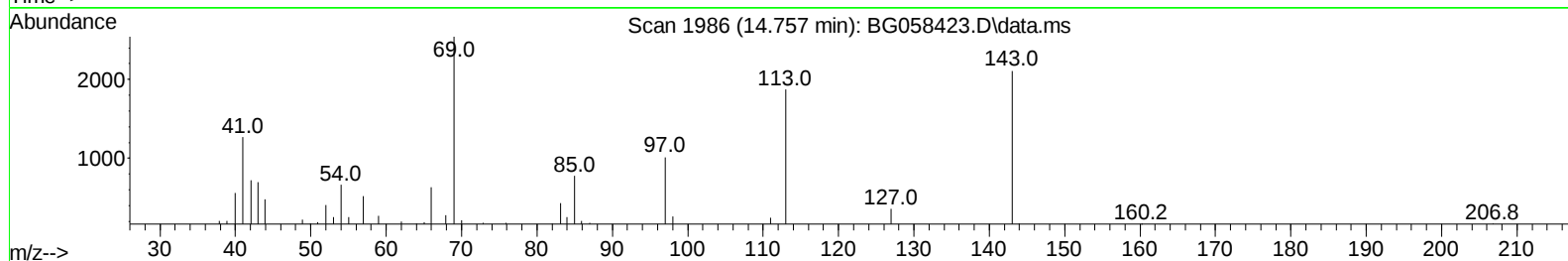
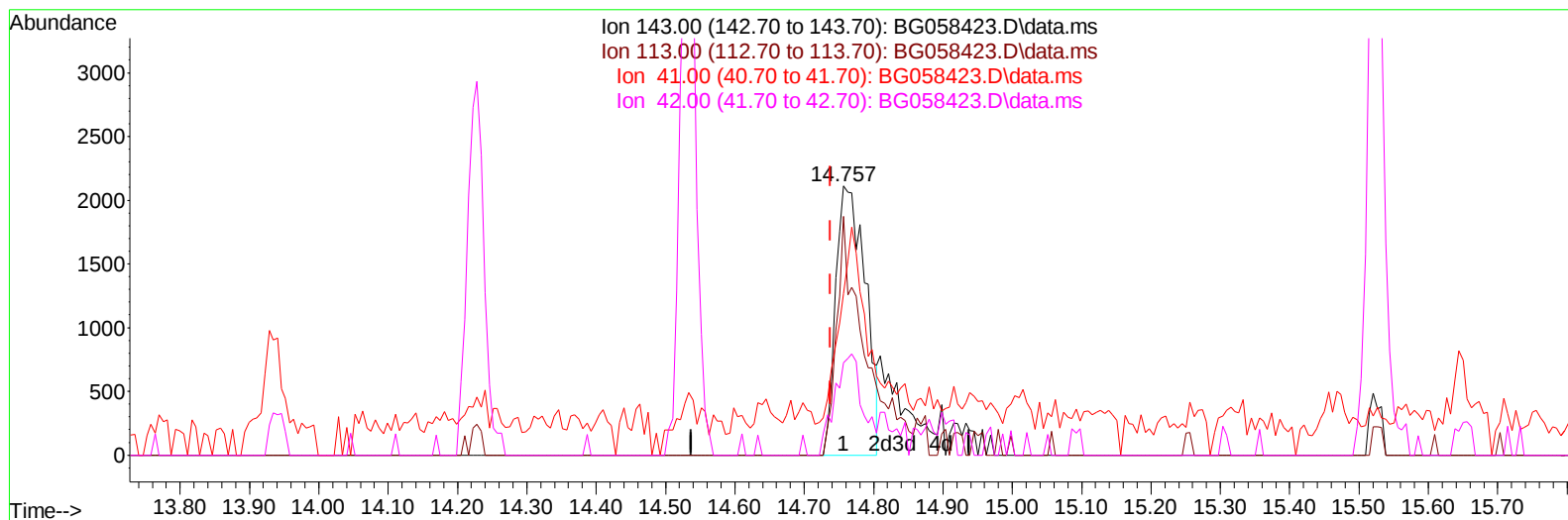
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 Operator : CG/JU  
 Sample : 03553-19  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4700

Manual IntegrationsAPPROVED

Quant Time: Jul 24 02:02:58 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  
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Reviewed By :Yogesh Patel 07/25/2023  
 Supervised By :mohammad ahmed 07/25/2023



TIC: BG058423.D\data.ms

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

**14.757min (+ 0.019) 2.06 ng/u1**

**response 6246**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 67.80  | 88.67# |
| 41.00  | 46.40  | 60.00# |
| 42.00  | 30.60  | 34.31  |

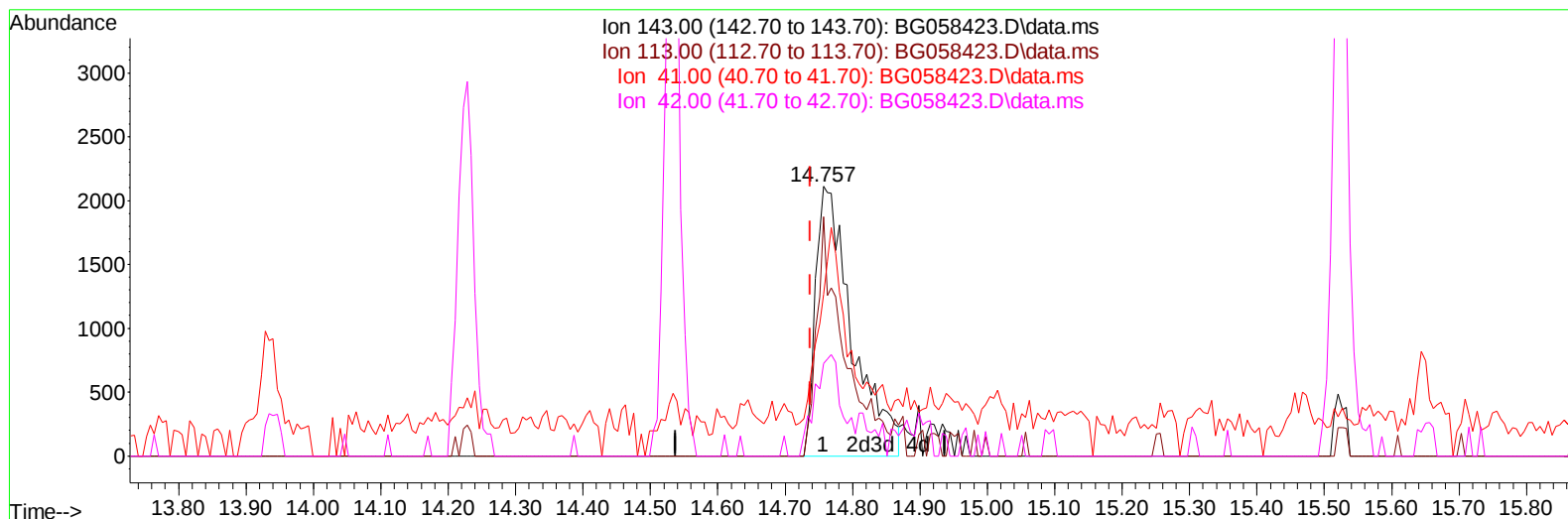
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072223\  
Data File : BG058423.D  
Acq On : 23 Jul 2023 6:37  
Operator : CG/JU  
Sample : 03553-19  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Jul 24 02:02:58 2023  
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 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4700

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2023  
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 24 02:03:38 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

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.894  | 152  | 89592    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.697 | 136  | 402287   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.534 | 164  | 259892   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.277 | 188  | 551773   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.531 | 240  | 455176   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.675 | 264  | 550839   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.341  | 96   | 2854m    | 1.172  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.752  | 84   | 54942    | 7.604  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.060  | 99   | 30409    | 3.578  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.219  | 67   | 92901    | 17.489 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.430  | 132  | 85889    | 14.437 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.605  | 113  | 24256    | 3.742  | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.058  | 128  | 56405    | 18.706 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.780  | 143  | 56344    | 17.116 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.321 | 165  | 101175   | 16.033 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.832 | 131  | 91388    | 9.990  | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.934 | 166  | 366084   | 18.267 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.228 | 160  | 409801   | 19.512 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.757 | 143  | 7951m    | 2.627  | ng/ul | 0.02     |
| 60) Fluorene-d10              | 15.527 | 176  | 318817   | 19.215 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.650 | 200  | 8925     | 3.175  | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.377 | 188  | 494110   | 20.725 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.669 | 212  | 601002   | 22.355 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.457 | 264  | 563267   | 21.157 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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