

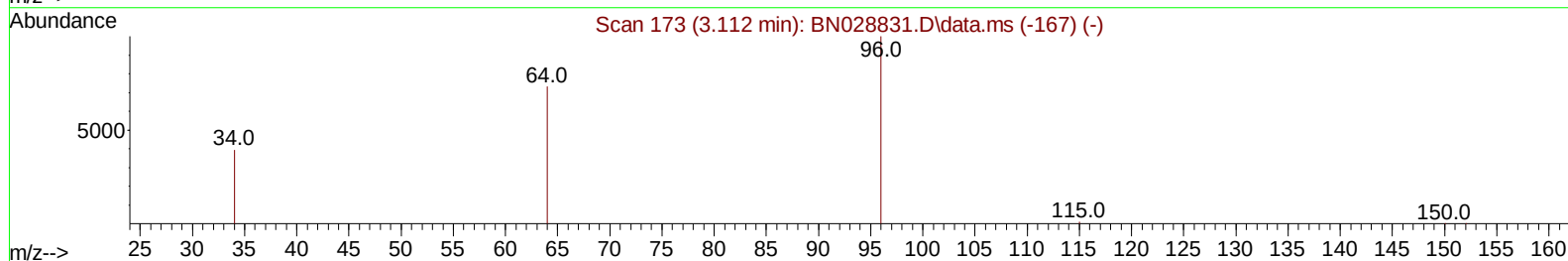
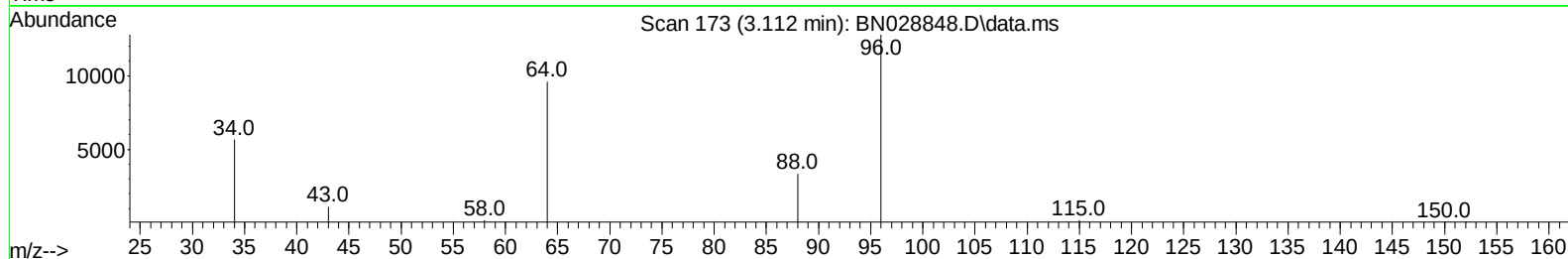
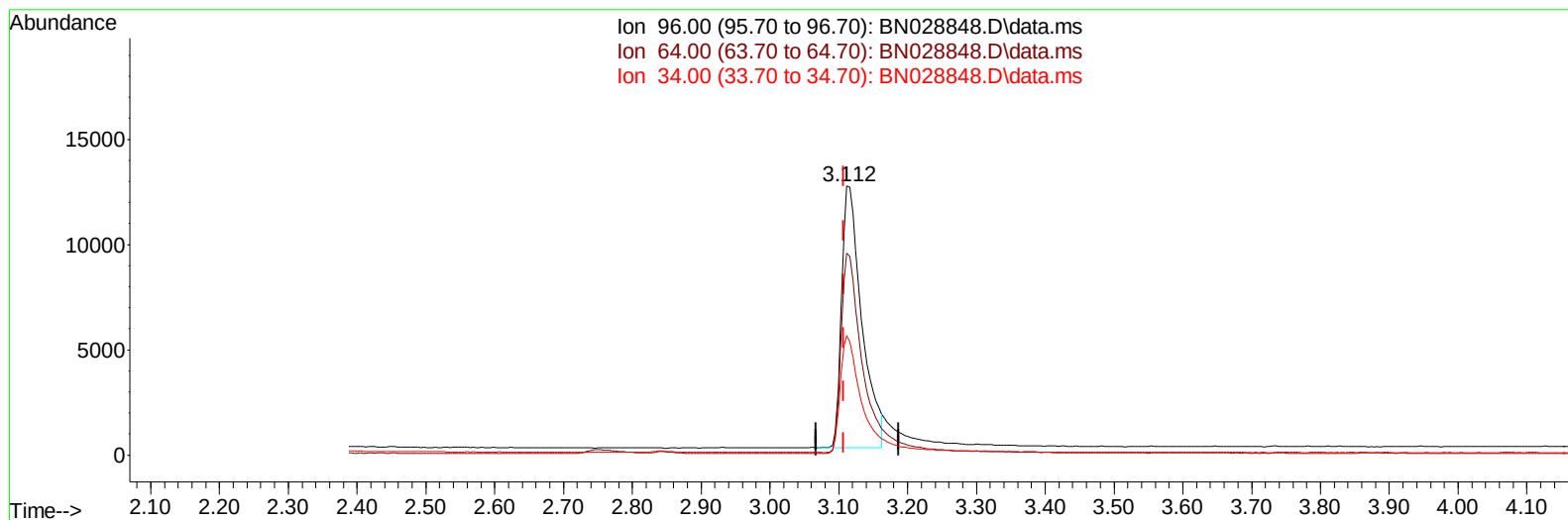
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112223\  
 Data File : BN028848.D  
 Acq On : 22 Nov 2023 20:30  
 Operator : MA/JU  
 Sample : 05268-20  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCKB5

Manual IntegrationsAPPROVED

Quant Time: Nov 22 21:38:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN110923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 21 23:49:43 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/23/2023  
 Supervised By :mohammad ahmed 11/25/2023



TIC: BN028848.D\data.ms

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

**3.112min (+ 0.004) 3.72 ng/uI**

**response 25321**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 67.40  | 75.21  |
| 34.00 | 38.60  | 44.39  |
| 0.00  | 0.00   | 0.00   |

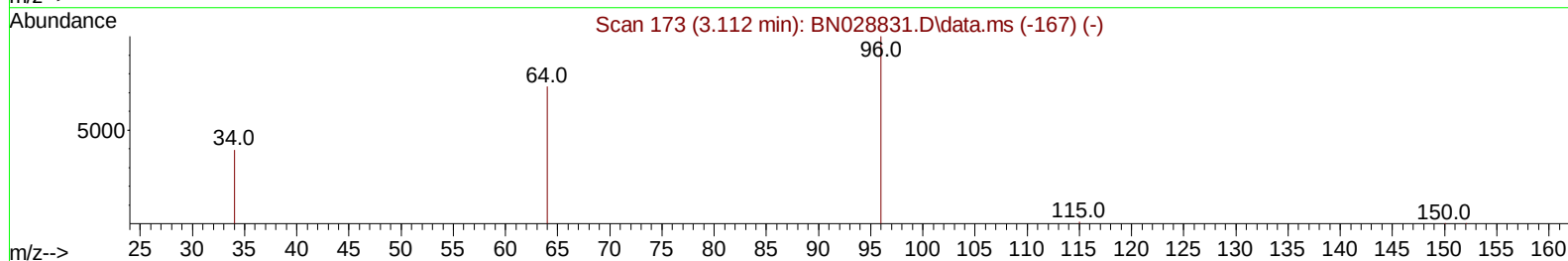
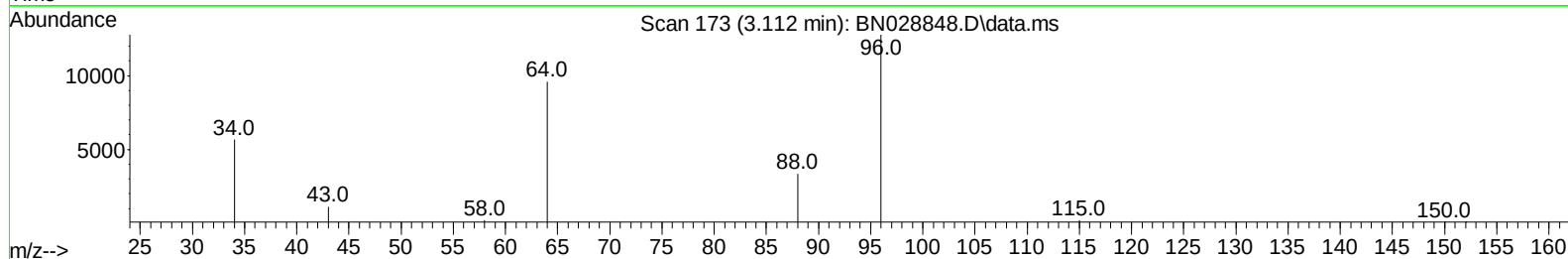
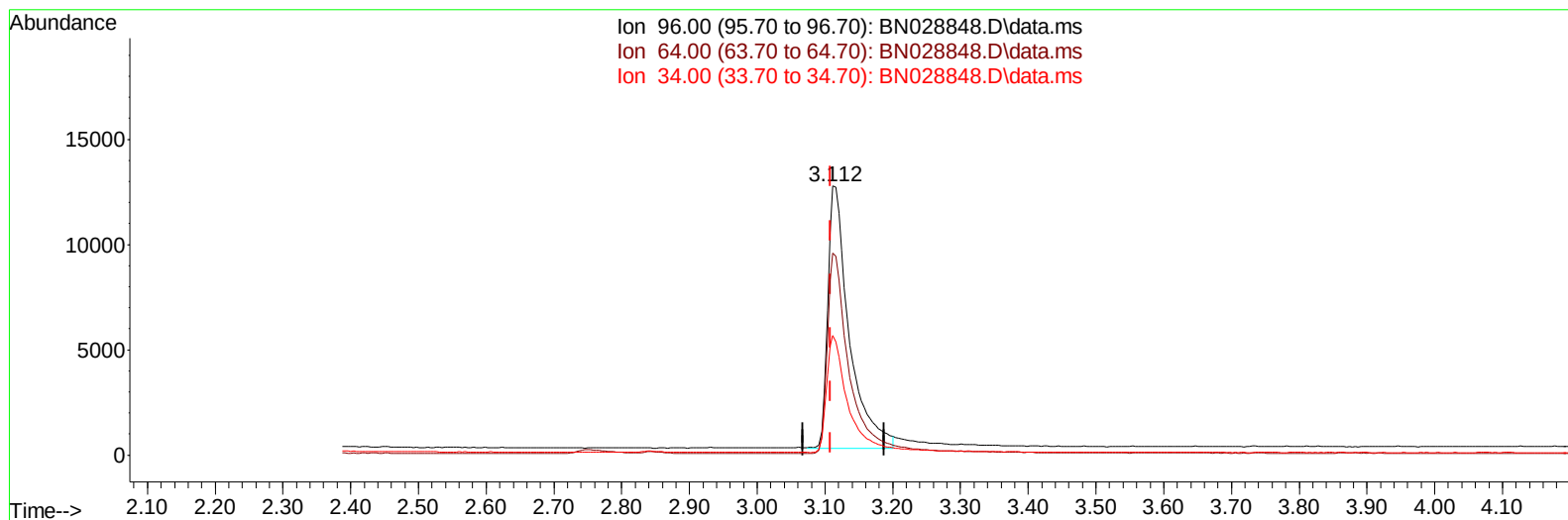
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(3) 1,4-Dioxane-d8 (S)

3.112min (+ 0.004) 4.03 ng/ul m

response 27422

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 67.40  | 75.21  |
| 34.00 | 38.60  | 44.39  |
| 0.00  | 0.00   | 0.00   |

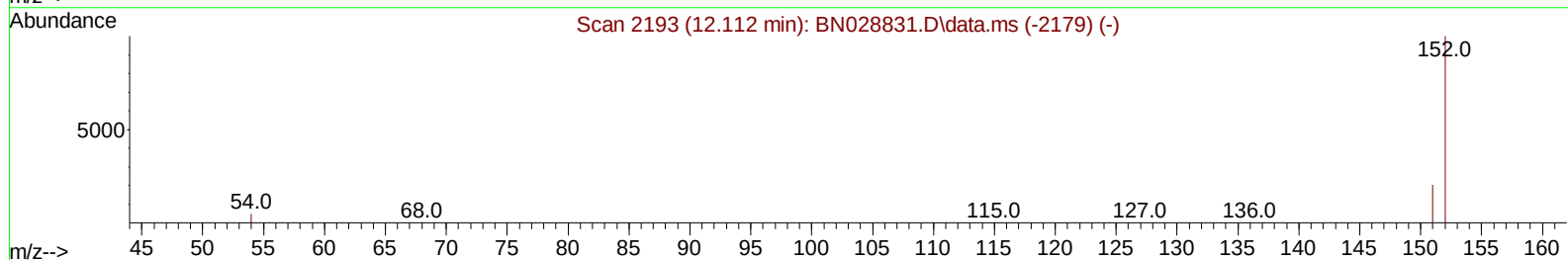
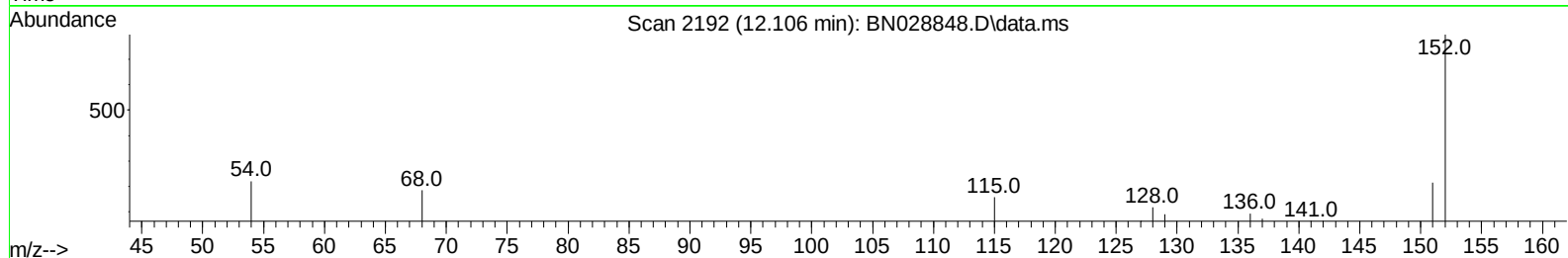
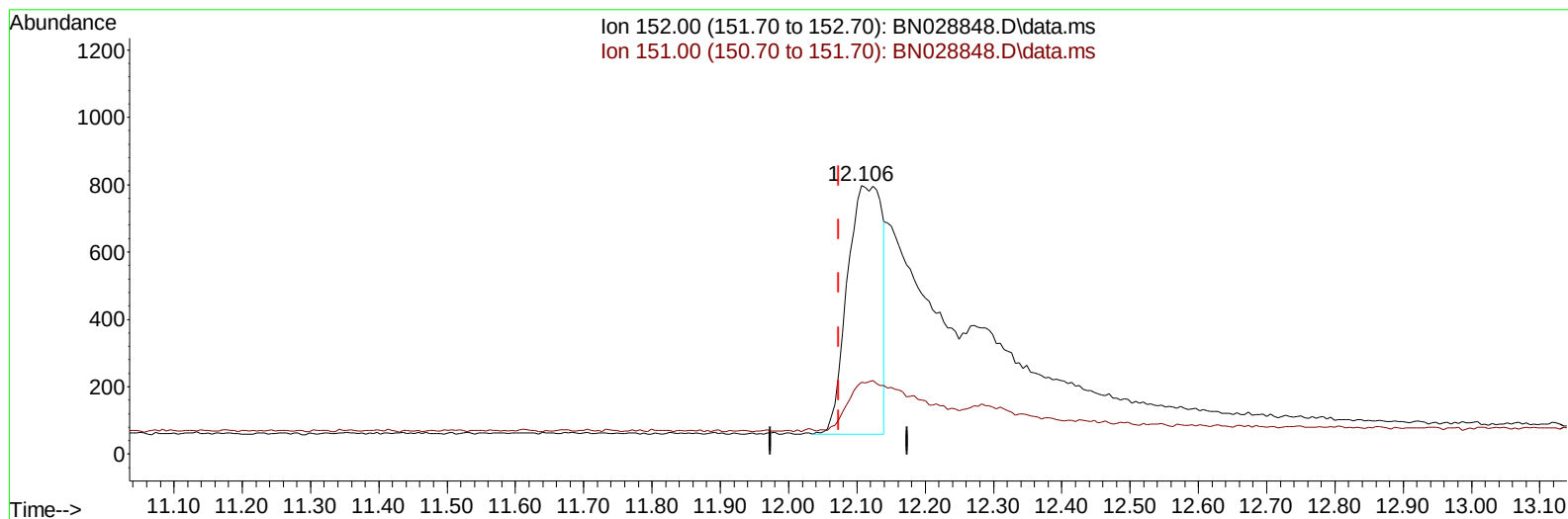
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**(6) 2-Methylnaphthalene-d10 (SURR)**

**12.106min (+ 0.033) 0.09 ng/u1**

**response 2606**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 20.50  | 17.88  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

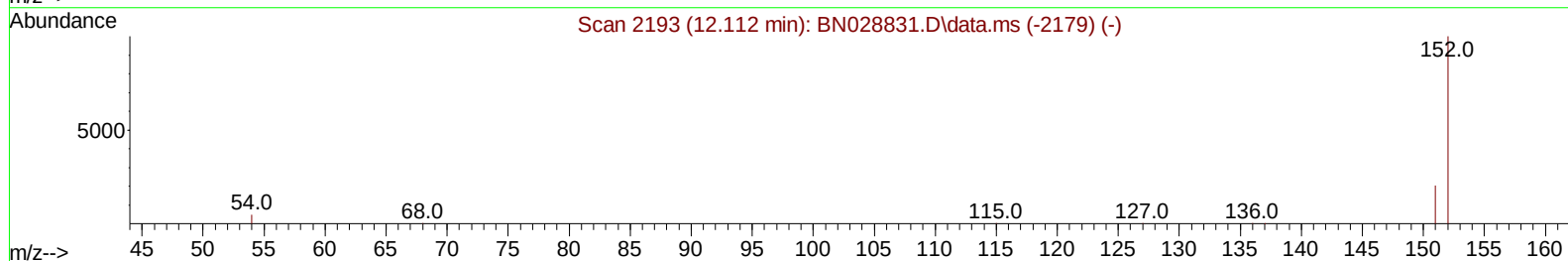
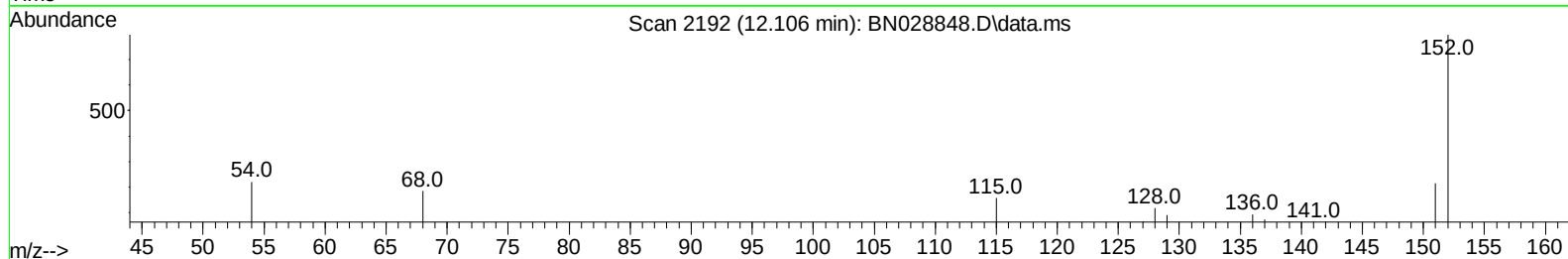
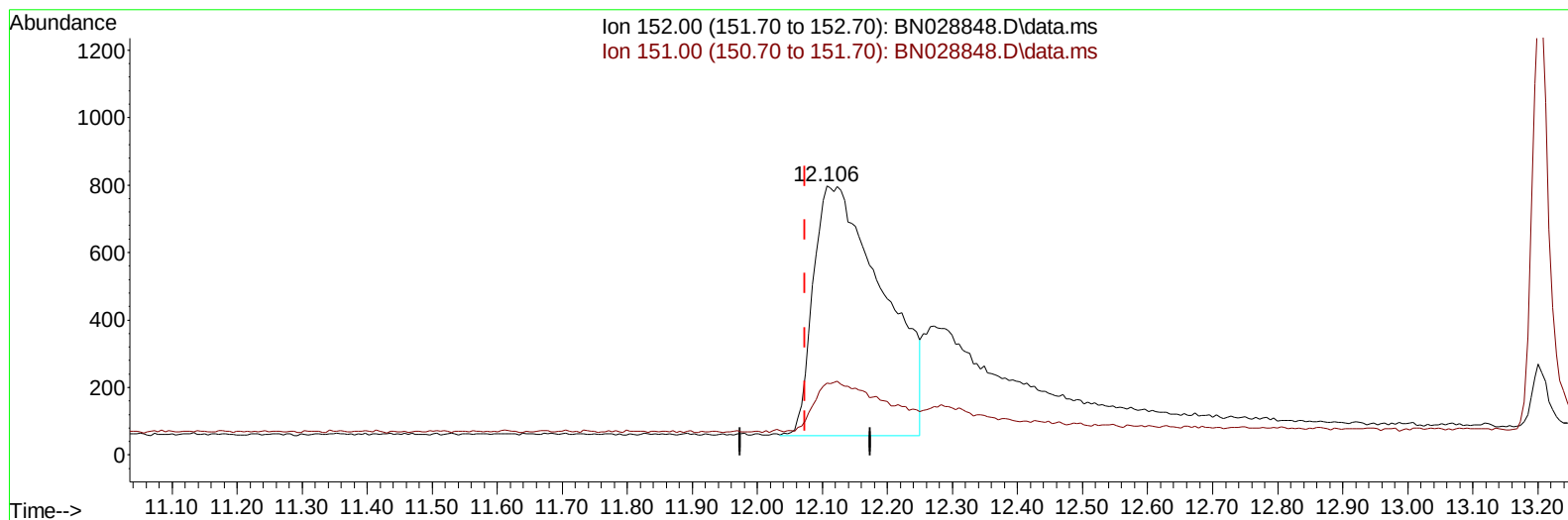
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**(6) 2-Methylnaphthalene-d10 (SURR)**

12.106min (+ 0.033) 0.20 ng/ul m

response 5500

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 20.50  | 8.47#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

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 Sample : 05268-20  
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 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCKB5

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.715  | 152  | 6153     | 0.400 | ng/ul | -0.02    |
| 4) Naphthalene-d8           | 10.451 | 136  | 18527    | 0.400 | ng/ul | #-0.01   |
| 9) Acenaphthene-d10         | 14.297 | 164  | 11931    | 0.400 | ng/ul | # 0.00   |
| 13) Phenanthrene-d10        | 17.060 | 188  | 19879    | 0.400 | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.284 | 240  | 12745    | 0.400 | ng/ul | # 0.01   |
| 23) Perylene-d12            | 23.546 | 264  | 15024    | 0.400 | ng/ul | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.112  | 96   | 27422m   | 4.032 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.106 | 152  | 5500m    | 0.197 | ng/ul | 0.03     |
| 18) Fluoranthene-d10        | 19.094 | 212  | 15481    | 0.377 | ng/ul | 0.00     |

Target Compounds Qvalue

-----

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

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