

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122221\  
 Data File : BG051753.D  
 Acq On : 22 Dec 2021 16:37  
 Operator : CG/JU  
 Sample : M5195-14  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGLC6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG051753.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.599       | 16            | 19          | 24           | rVB2     | 8293           | 11923         | 1.03%           | 0.117%        |
| 2         | 3.682       | 30            | 33          | 40           | rVB3     | 1385           | 2324          | 0.20%           | 0.023%        |
| 3         | 4.034       | 89            | 93          | 101          | rBV2     | 12711          | 23515         | 2.03%           | 0.230%        |
| 4         | 4.386       | 148           | 153         | 158          | rVB2     | 4635           | 7011          | 0.61%           | 0.069%        |
| 5         | 7.406       | 660           | 667         | 677          | rVB      | 37315          | 63308         | 5.48%           | 0.619%        |
| 6         | 7.576       | 690           | 696         | 705          | rVB      | 104670         | 178264        | 15.42%          | 1.744%        |
| 7         | 7.799       | 727           | 734         | 742          | rVB      | 110198         | 192456        | 16.65%          | 1.883%        |
| 8         | 8.275       | 807           | 815         | 820          | rBV      | 121510         | 209311        | 18.10%          | 2.048%        |
| 9         | 8.322       | 820           | 823         | 829          | rVB3     | 8006           | 12298         | 1.06%           | 0.120%        |
| 10        | 8.968       | 926           | 933         | 941          | rBV2     | 97798          | 165464        | 14.31%          | 1.619%        |
| 11        | 9.092       | 948           | 954         | 960          | rBV4     | 4837           | 8091          | 0.70%           | 0.079%        |
| 12        | 9.374       | 997           | 1002        | 1007         | rBV3     | 8526           | 15517         | 1.34%           | 0.152%        |
| 13        | 9.438       | 1007          | 1013        | 1021         | rVB      | 142677         | 261231        | 22.59%          | 2.556%        |
| 14        | 9.873       | 1083          | 1087        | 1090         | rBV      | 1056           | 1708          | 0.15%           | 0.017%        |
| 15        | 10.173      | 1132          | 1138        | 1149         | rBV2     | 111806         | 204895        | 17.72%          | 2.005%        |
| 16        | 10.719      | 1224          | 1231        | 1240         | rVB      | 173544         | 304400        | 26.33%          | 2.978%        |
| 17        | 11.007      | 1274          | 1280        | 1284         | rVB5     | 2563           | 3484          | 0.30%           | 0.034%        |
| 18        | 11.113      | 1289          | 1298        | 1310         | rVB      | 168143         | 316991        | 27.42%          | 3.101%        |
| 19        | 11.230      | 1310          | 1318        | 1327         | rBV      | 131348         | 239768        | 20.74%          | 2.346%        |
| 20        | 11.759      | 1404          | 1408        | 1412         | rVB      | 1241           | 1969          | 0.17%           | 0.019%        |
| 21        | 12.387      | 1512          | 1515        | 1519         | rBV2     | 1459           | 2102          | 0.18%           | 0.021%        |
| 22        | 12.675      | 1560          | 1564        | 1570         | rVB3     | 2721           | 4493          | 0.39%           | 0.044%        |
| 23        | 13.280      | 1663          | 1667        | 1672         | rVB2     | 1721           | 3048          | 0.26%           | 0.030%        |
| 24        | 13.515      | 1702          | 1707        | 1713         | rVB4     | 4426           | 6749          | 0.58%           | 0.066%        |
| 25        | 13.738      | 1742          | 1745        | 1749         | rBV      | 4020           | 5539          | 0.48%           | 0.054%        |
| 26        | 13.791      | 1749          | 1754        | 1765         | rVB3     | 11099          | 25723         | 2.22%           | 0.252%        |
| 27        | 14.297      | 1833          | 1840        | 1849         | rBV      | 364243         | 526393        | 45.53%          | 5.150%        |
| 28        | 14.602      | 1886          | 1892        | 1899         | rBV      | 401315         | 621583        | 53.76%          | 6.082%        |
| 29        | 14.907      | 1937          | 1944        | 1951         | rVB      | 294933         | 473911        | 40.99%          | 4.637%        |
| 30        | 14.978      | 1951          | 1956        | 1961         | rBV2     | 5154           | 6766          | 0.59%           | 0.066%        |
| 31        | 15.072      | 1966          | 1972        | 1982         | rBV2     | 29343          | 50026         | 4.33%           | 0.489%        |
| 32        | 15.571      | 2052          | 2057        | 2063         | rVB2     | 2525           | 3449          | 0.30%           | 0.034%        |
| 33        | 15.624      | 2063          | 2066        | 2071         | rBV3     | 1479           | 2223          | 0.19%           | 0.022%        |
| 34        | 15.695      | 2073          | 2078        | 2084         | rVB4     | 4563           | 8168          | 0.71%           | 0.080%        |
| 35        | 15.894      | 2103          | 2112        | 2119         | rBV      | 507536         | 798637        | 69.07%          | 7.814%        |
| 36        | 15.994      | 2124          | 2129        | 2141         | rBV      | 84774          | 132461        | 11.46%          | 1.296%        |

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 ClientSampleId :  
 BGLC6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 16.141 | 2151 | 2154 | 2157 | rVB2 | 1511   | 1697    | 0.15%   | 0.017%  |
| 38 | 16.253 | 2168 | 2173 | 2178 | rVB3 | 8623   | 12535   | 1.08%   | 0.123%  |
| 39 | 16.476 | 2207 | 2211 | 2215 | rVB2 | 1365   | 1544    | 0.13%   | 0.015%  |
| 40 | 17.657 | 2405 | 2412 | 2418 | rBV  | 385543 | 590869  | 51.10%  | 5.781%  |
| 41 | 17.757 | 2422 | 2429 | 2437 | rVV  | 652337 | 989138  | 85.55%  | 9.678%  |
| 42 | 17.921 | 2452 | 2457 | 2460 | rBV2 | 5756   | 7659    | 0.66%   | 0.075%  |
| 43 | 18.309 | 2519 | 2523 | 2531 | rVB2 | 62486  | 81586   | 7.06%   | 0.798%  |
| 44 | 18.597 | 2567 | 2572 | 2576 | rBV  | 13072  | 16172   | 1.40%   | 0.158%  |
| 45 | 19.595 | 2738 | 2742 | 2748 | rBV4 | 8914   | 13337   | 1.15%   | 0.130%  |
| 46 | 19.666 | 2750 | 2754 | 2762 | rVB2 | 8551   | 11512   | 1.00%   | 0.113%  |
| 47 | 19.930 | 2795 | 2799 | 2804 | rBV5 | 2824   | 3915    | 0.34%   | 0.038%  |
| 48 | 20.030 | 2809 | 2816 | 2824 | rBV  | 808321 | 1156214 | 100.00% | 11.312% |
| 49 | 20.206 | 2844 | 2846 | 2848 | rBV2 | 1823   | 1586    | 0.14%   | 0.016%  |
| 50 | 20.923 | 2965 | 2968 | 2974 | rVB5 | 13674  | 17575   | 1.52%   | 0.172%  |
| 51 | 21.023 | 2983 | 2985 | 2987 | rBV3 | 2790   | 2422    | 0.21%   | 0.024%  |
| 52 | 21.046 | 2987 | 2989 | 2994 | rVB4 | 5373   | 6418    | 0.56%   | 0.063%  |
| 53 | 21.087 | 2994 | 2996 | 2997 | rBV2 | 3044   | 1733    | 0.15%   | 0.017%  |
| 54 | 21.140 | 3003 | 3005 | 3006 | rBV2 | 2440   | 1635    | 0.14%   | 0.016%  |
| 55 | 21.346 | 3039 | 3040 | 3044 | rBV4 | 2819   | 2814    | 0.24%   | 0.028%  |
| 56 | 21.487 | 3062 | 3064 | 3066 | rBV3 | 2680   | 1716    | 0.15%   | 0.017%  |
| 57 | 21.974 | 3141 | 3147 | 3155 | rVB  | 370329 | 629270  | 54.43%  | 6.157%  |
| 58 | 22.174 | 3178 | 3181 | 3184 | rVB4 | 5853   | 7770    | 0.67%   | 0.076%  |
| 59 | 23.596 | 3417 | 3423 | 3429 | rVB9 | 7823   | 19198   | 1.66%   | 0.188%  |
| 60 | 24.483 | 3568 | 3574 | 3579 | rVB8 | 9010   | 19455   | 1.68%   | 0.190%  |
| 61 | 25.235 | 3690 | 3702 | 3715 | rBV3 | 348649 | 1074819 | 92.96%  | 10.516% |
| 62 | 25.470 | 3732 | 3742 | 3761 | rVB4 | 182565 | 621218  | 53.73%  | 6.078%  |
| 63 | 26.786 | 3964 | 3966 | 3977 | rVB8 | 11781  | 27013   | 2.34%   | 0.264%  |
| 64 | 29.417 | 4413 | 4414 | 4416 | rBV2 | 3427   | 2736    | 0.24%   | 0.027%  |
| 65 | 31.932 | 4840 | 4842 | 4843 | rBV2 | 3013   | 1972    | 0.17%   | 0.019%  |

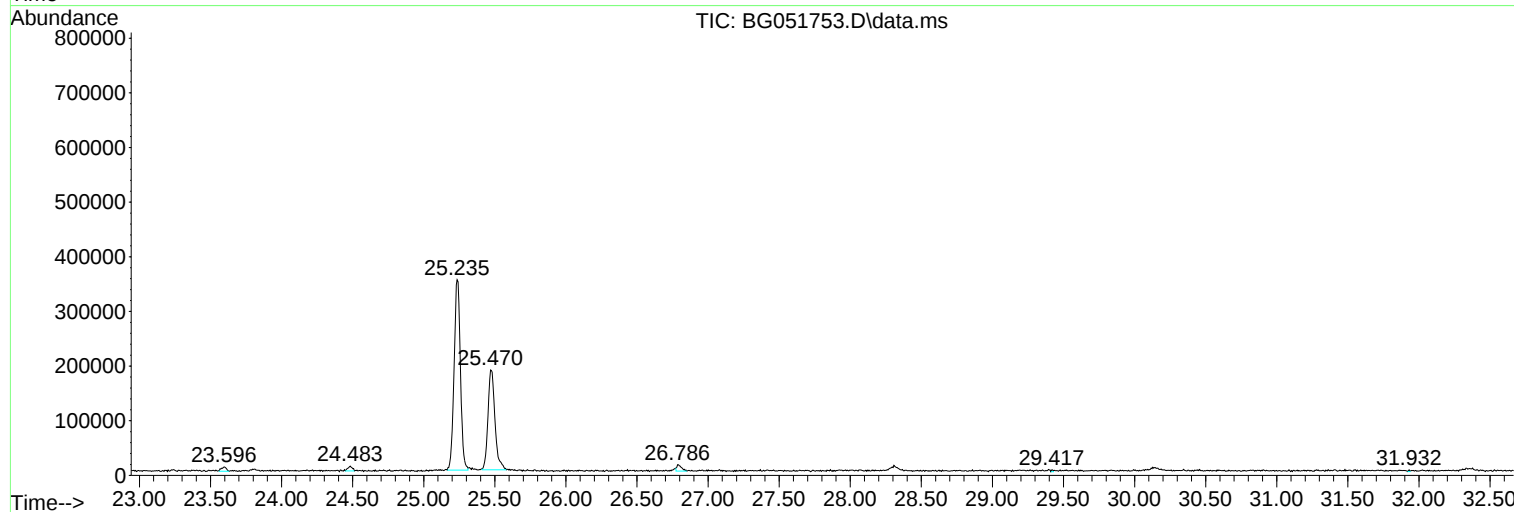
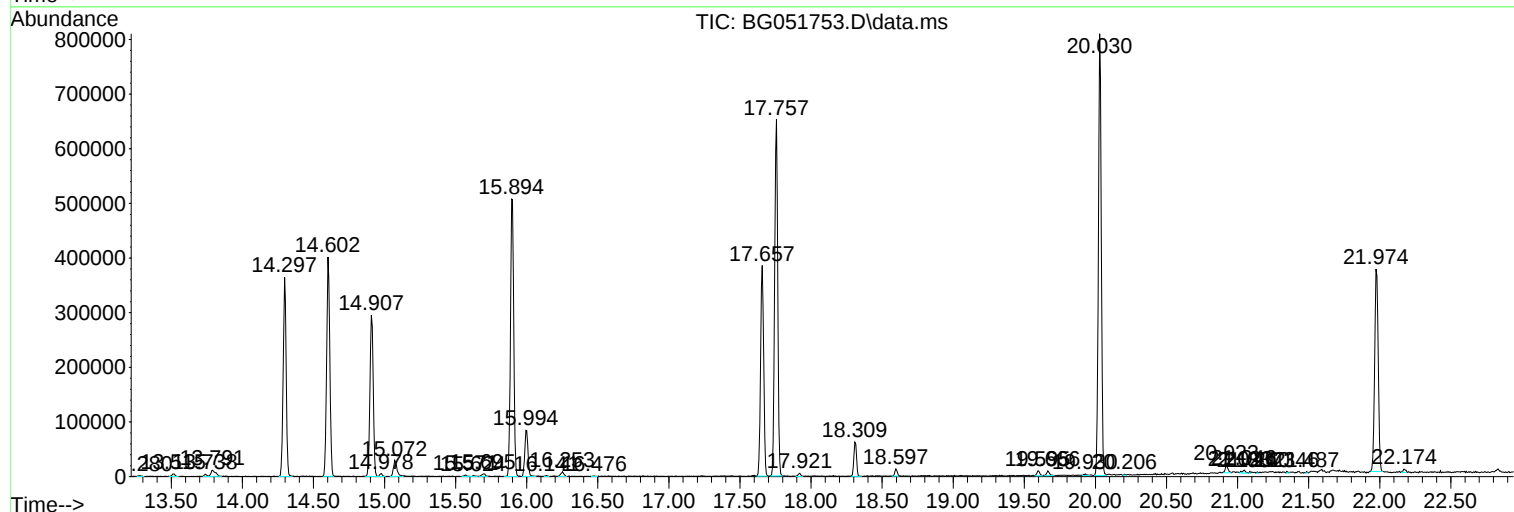
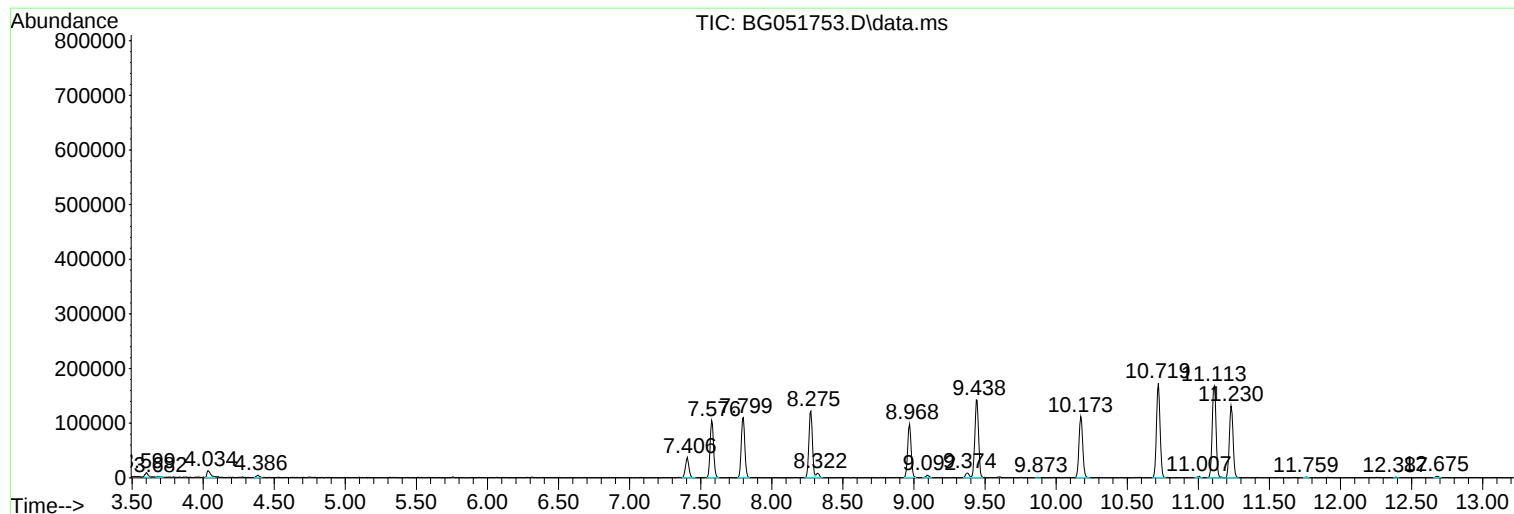
Sum of corrected areas: 10220727

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P



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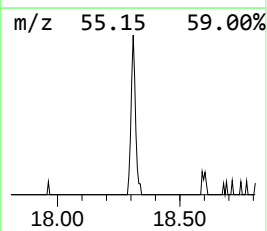
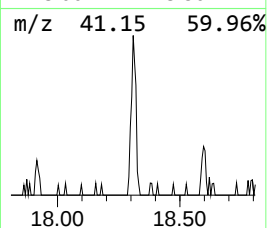
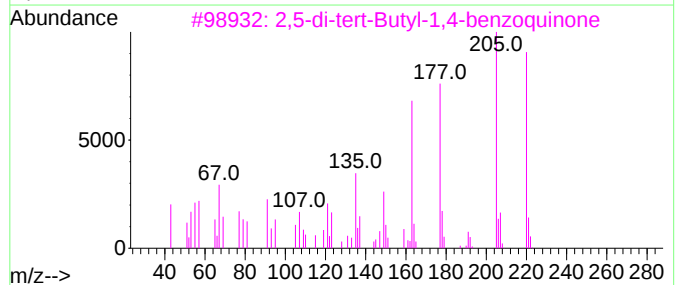
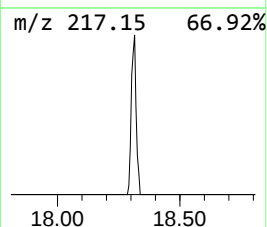
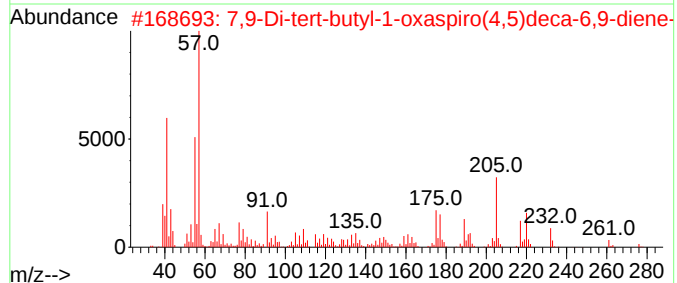
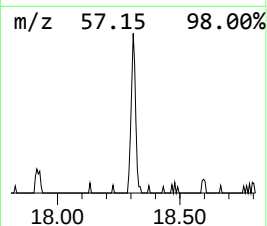
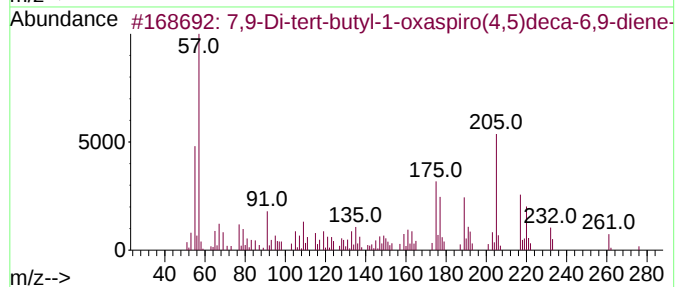
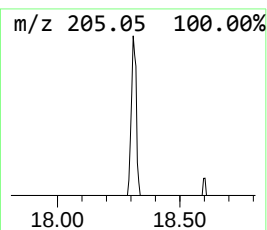
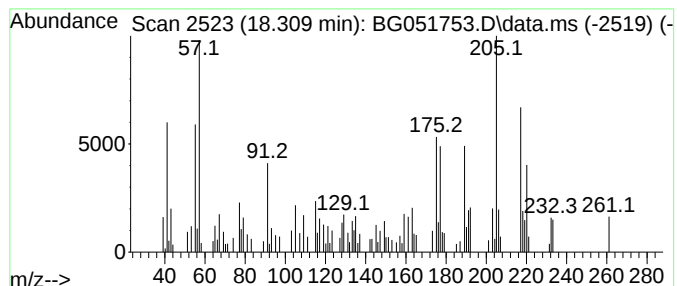
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.309 | 2.76 ng/ul | 81586 | Phenanthrene-d10 | 17.657 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 91      |      |      |
| 2    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 86      |      |      |
| 3    | 2,5-di-tert-Butyl-1,4-benzoquinone  | 220 | C14H20O2     | 002460-77-7 | 53      |      |      |
| 4    | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2     | 071596-88-8 | 50      |      |      |
| 5    | 1,3-Pentadiene, 1,1-diphenyl-, (Z)- | 220 | C17H16       | 015295-31-5 | 38      |      |      |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 7,9-Di-tert-but... | 18.309 | 2.8     | ng/ul | 81586    | 4                     | 17.657 | 590869 | 20.0 |