

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051823\  
 Data File : VW025992.D  
 Acq On : 18 May 2023 13:59  
 Operator : SY/MD  
 Sample : 02841-07  
 Misc : 5.83g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C11F7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Title : SFAM01.0

Signal : TIC: VW025992.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         | 2.363       | 72            | 78          | 94           | rVB      | 104249         | 263826        | 10.24%          | 1.373%        |
| 2         | 2.893       | 158           | 165         | 187          | rVB      | 95499          | 279405        | 10.84%          | 1.454%        |
| 3         | 3.558       | 273           | 274         | 277          | rBV3     | 2072           | 1344          | 0.05%           | 0.007%        |
| 4         | 3.899       | 327           | 330         | 332          | rBV3     | 1671           | 1824          | 0.07%           | 0.009%        |
| 5         | 4.021       | 340           | 350         | 373          | rBV      | 220320         | 774536        | 30.05%          | 4.030%        |
| 6         | 4.381       | 404           | 409         | 410          | rBV5     | 4762           | 6233          | 0.24%           | 0.032%        |
| 7         | 4.917       | 487           | 497         | 513          | rVV3     | 36799          | 137586        | 5.34%           | 0.716%        |
| 8         | 5.106       | 522           | 528         | 530          | rBV7     | 2757           | 4342          | 0.17%           | 0.023%        |
| 9         | 5.143       | 532           | 534         | 537          | rVV4     | 1934           | 2660          | 0.10%           | 0.014%        |
| 10        | 5.289       | 554           | 558         | 559          | rBV3     | 993            | 1181          | 0.05%           | 0.006%        |
| 11        | 5.344       | 565           | 567         | 570          | rBV4     | 1147           | 1405          | 0.05%           | 0.007%        |
| 12        | 5.393       | 573           | 575         | 578          | rBV4     | 1368           | 2124          | 0.08%           | 0.011%        |
| 13        | 5.716       | 626           | 628         | 630          | rVB3     | 1289           | 1139          | 0.04%           | 0.006%        |
| 14        | 5.941       | 655           | 665         | 673          | rVV3     | 15895          | 50056         | 1.94%           | 0.260%        |
| 15        | 6.045       | 680           | 682         | 683          | rBV2     | 2322           | 1522          | 0.06%           | 0.008%        |
| 16        | 6.197       | 706           | 707         | 712          | rVB5     | 1741           | 2188          | 0.08%           | 0.011%        |
| 17        | 6.453       | 748           | 749         | 754          | rVB5     | 1767           | 2299          | 0.09%           | 0.012%        |
| 18        | 6.520       | 757           | 760         | 761          | rBV3     | 1415           | 1250          | 0.05%           | 0.007%        |
| 19        | 6.563       | 764           | 767         | 771          | rBV6     | 1298           | 2700          | 0.10%           | 0.014%        |
| 20        | 6.837       | 809           | 812         | 814          | rVB3     | 1652           | 1785          | 0.07%           | 0.009%        |
| 21        | 6.898       | 820           | 822         | 826          | rBV5     | 1665           | 2830          | 0.11%           | 0.015%        |
| 22        | 6.947       | 829           | 830         | 833          | rBV3     | 1716           | 1645          | 0.06%           | 0.009%        |
| 23        | 7.075       | 842           | 851         | 857          | rBV      | 93543          | 262774        | 10.19%          | 1.367%        |
| 24        | 7.502       | 919           | 921         | 925          | rBV5     | 1127           | 1160          | 0.05%           | 0.006%        |
| 25        | 7.587       | 933           | 935         | 936          | rBV2     | 1340           | 1315          | 0.05%           | 0.007%        |
| 26        | 7.648       | 936           | 945         | 959          | rVB      | 434332         | 1061917       | 41.20%          | 5.526%        |
| 27        | 7.849       | 975           | 978         | 980          | rBV4     | 1283           | 1294          | 0.05%           | 0.007%        |
| 28        | 8.045       | 1007          | 1010        | 1014         | rBV6     | 1750           | 3350          | 0.13%           | 0.017%        |
| 29        | 8.148       | 1024          | 1027        | 1028         | rBV3     | 1015           | 1169          | 0.05%           | 0.006%        |
| 30        | 8.215       | 1034          | 1038        | 1039         | rBV4     | 3264           | 4129          | 0.16%           | 0.021%        |
| 31        | 8.276       | 1039          | 1048        | 1065         | rVV2     | 873912         | 2577645       | 100.00%         | 13.412%       |
| 32        | 8.691       | 1114          | 1116        | 1120         | rVB5     | 2360           | 2803          | 0.11%           | 0.015%        |
| 33        | 8.746       | 1123          | 1125        | 1128         | rVB4     | 1272           | 1552          | 0.06%           | 0.008%        |
| 34        | 8.837       | 1131          | 1140        | 1151         | rBV      | 890160         | 1780748       | 69.08%          | 9.266%        |
| 35        | 9.087       | 1174          | 1181        | 1191         | rVB2     | 26498          | 60770         | 2.36%           | 0.316%        |
| 36        | 9.270       | 1201          | 1211        | 1221         | rBV      | 626323         | 1272632       | 49.37%          | 6.622%        |

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Integrator: RTE

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Filtering: 5

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Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |       |         |         |        |         |
|----|--------|------|------|------|-------|---------|---------|--------|---------|
| 37 | 9.660  | 1273 | 1275 | 1279 | rVB5  | 2430    | 2742    | 0.11%  | 0.014%  |
| 38 | 9.965  | 1322 | 1325 | 1326 | rBV3  | 1245    | 1195    | 0.05%  | 0.006%  |
| 39 | 10.032 | 1326 | 1336 | 1346 | rVV   | 308571  | 571306  | 22.16% | 2.973%  |
| 40 | 10.319 | 1373 | 1383 | 1392 | rBV   | 1152902 | 2056057 | 79.76% | 10.698% |
| 41 | 10.575 | 1416 | 1425 | 1438 | rBV   | 206668  | 367605  | 14.26% | 1.913%  |
| 42 | 10.697 | 1440 | 1445 | 1456 | rVB2  | 27070   | 53011   | 2.06%  | 0.276%  |
| 43 | 10.782 | 1456 | 1459 | 1464 | rVB7  | 2322    | 3349    | 0.13%  | 0.017%  |
| 44 | 10.861 | 1465 | 1472 | 1476 | rBV5  | 11000   | 22933   | 0.89%  | 0.119%  |
| 45 | 10.922 | 1476 | 1482 | 1499 | rVV   | 353680  | 608052  | 23.59% | 3.164%  |
| 46 | 11.062 | 1500 | 1505 | 1510 | rVB3  | 11191   | 19432   | 0.75%  | 0.101%  |
| 47 | 11.343 | 1549 | 1551 | 1554 | rVB4  | 2046    | 2286    | 0.09%  | 0.012%  |
| 48 | 11.385 | 1554 | 1558 | 1559 | rBV4  | 1917    | 2719    | 0.11%  | 0.014%  |
| 49 | 11.629 | 1589 | 1598 | 1608 | rBV   | 1298095 | 2147584 | 83.32% | 11.175% |
| 50 | 11.928 | 1645 | 1647 | 1648 | rBV2  | 1785    | 1488    | 0.06%  | 0.008%  |
| 51 | 12.007 | 1658 | 1660 | 1663 | rBV4  | 1197    | 1621    | 0.06%  | 0.008%  |
| 52 | 12.111 | 1674 | 1677 | 1680 | rBV5  | 1749    | 3156    | 0.12%  | 0.016%  |
| 53 | 12.343 | 1714 | 1715 | 1719 | rVB4  | 1768    | 1402    | 0.05%  | 0.007%  |
| 54 | 12.458 | 1732 | 1734 | 1739 | rVB5  | 3000    | 3718    | 0.14%  | 0.019%  |
| 55 | 12.605 | 1750 | 1758 | 1765 | rBV2  | 25249   | 51007   | 1.98%  | 0.265%  |
| 56 | 12.690 | 1765 | 1772 | 1779 | rVV   | 510464  | 826939  | 32.08% | 4.303%  |
| 57 | 12.751 | 1779 | 1782 | 1788 | rVV5  | 9166    | 16372   | 0.64%  | 0.085%  |
| 58 | 12.824 | 1791 | 1794 | 1796 | rBV4  | 1627    | 1589    | 0.06%  | 0.008%  |
| 59 | 12.934 | 1808 | 1812 | 1822 | rVB10 | 6902    | 15276   | 0.59%  | 0.079%  |
| 60 | 13.001 | 1822 | 1823 | 1825 | rBV2  | 1627    | 1255    | 0.05%  | 0.007%  |
| 61 | 13.245 | 1856 | 1863 | 1866 | rBV8  | 4276    | 8021    | 0.31%  | 0.042%  |
| 62 | 13.294 | 1866 | 1871 | 1875 | rVB8  | 3369    | 5627    | 0.22%  | 0.029%  |
| 63 | 13.397 | 1884 | 1888 | 1893 | rBV8  | 2422    | 5206    | 0.20%  | 0.027%  |
| 64 | 13.470 | 1896 | 1900 | 1902 | rBV5  | 4973    | 6843    | 0.27%  | 0.036%  |
| 65 | 13.556 | 1907 | 1914 | 1924 | rVV   | 1224797 | 1937586 | 75.17% | 10.082% |
| 66 | 13.641 | 1925 | 1928 | 1935 | rVB2  | 14471   | 25193   | 0.98%  | 0.131%  |
| 67 | 13.745 | 1943 | 1945 | 1946 | rBV2  | 2052    | 1657    | 0.06%  | 0.009%  |
| 68 | 13.848 | 1955 | 1962 | 1973 | rBV   | 1032606 | 1700202 | 65.96% | 8.847%  |
| 69 | 14.019 | 1988 | 1990 | 1991 | rBV2  | 2019    | 1459    | 0.06%  | 0.008%  |
| 70 | 14.062 | 1992 | 1997 | 2005 | rVB   | 18729   | 34691   | 1.35%  | 0.181%  |
| 71 | 14.147 | 2009 | 2011 | 2013 | rBV3  | 1258    | 1258    | 0.05%  | 0.007%  |
| 72 | 14.324 | 2034 | 2040 | 2046 | rVB9  | 9939    | 18338   | 0.71%  | 0.095%  |
| 73 | 14.458 | 2060 | 2062 | 2065 | rVB4  | 1500    | 1609    | 0.06%  | 0.008%  |
| 74 | 14.495 | 2065 | 2068 | 2070 | rBV4  | 2070    | 2918    | 0.11%  | 0.015%  |
| 75 | 14.623 | 2085 | 2089 | 2092 | rBV6  | 3470    | 6077    | 0.24%  | 0.032%  |
| 76 | 14.720 | 2100 | 2105 | 2110 | rVB8  | 3758    | 7891    | 0.31%  | 0.041%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Start Thrs: 0.2

Max Peaks: 100

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Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |       |       |        |
|-----|--------|------|------|------|------|-------|-------|-------|--------|
| 77  | 14.781 | 2113 | 2115 | 2118 | rVB4 | 1655  | 1342  | 0.05% | 0.007% |
| 78  | 15.068 | 2160 | 2162 | 2164 | rBV3 | 2160  | 2660  | 0.10% | 0.014% |
| 79  | 15.177 | 2177 | 2180 | 2182 | rBV4 | 2176  | 2678  | 0.10% | 0.014% |
| 80  | 15.427 | 2212 | 2221 | 2226 | rBV2 | 16882 | 31416 | 1.22% | 0.163% |
| 81  | 15.476 | 2226 | 2229 | 2235 | rVB4 | 3578  | 5829  | 0.23% | 0.030% |
| 82  | 15.549 | 2237 | 2241 | 2245 | rBV7 | 2315  | 3861  | 0.15% | 0.020% |
| 83  | 15.653 | 2256 | 2258 | 2260 | rBV2 | 1589  | 1269  | 0.05% | 0.007% |
| 84  | 15.683 | 2260 | 2263 | 2266 | rBV5 | 2519  | 3910  | 0.15% | 0.020% |
| 85  | 15.763 | 2270 | 2276 | 2279 | rBV7 | 2596  | 5526  | 0.21% | 0.029% |
| 86  | 15.787 | 2279 | 2280 | 2284 | rVB4 | 3125  | 1882  | 0.07% | 0.010% |
| 87  | 15.842 | 2287 | 2289 | 2292 | rVB3 | 2340  | 2703  | 0.10% | 0.014% |
| 88  | 15.891 | 2296 | 2297 | 2299 | rVB2 | 1631  | 1170  | 0.05% | 0.006% |
| 89  | 15.958 | 2302 | 2308 | 2310 | rBV7 | 2689  | 5766  | 0.22% | 0.030% |
| 90  | 16.086 | 2327 | 2329 | 2333 | rVB5 | 3291  | 3790  | 0.15% | 0.020% |
| 91  | 16.153 | 2337 | 2340 | 2342 | rBV3 | 1499  | 1686  | 0.07% | 0.009% |
| 92  | 16.214 | 2347 | 2350 | 2354 | rVB6 | 1549  | 2610  | 0.10% | 0.014% |
| 93  | 16.275 | 2357 | 2360 | 2362 | rVB3 | 1129  | 1307  | 0.05% | 0.007% |
| 94  | 16.305 | 2362 | 2365 | 2366 | rBV3 | 1570  | 1339  | 0.05% | 0.007% |
| 95  | 16.372 | 2375 | 2376 | 2381 | rVB5 | 1206  | 1393  | 0.05% | 0.007% |
| 96  | 16.476 | 2392 | 2393 | 2396 | rBV3 | 1089  | 1388  | 0.05% | 0.007% |
| 97  | 16.561 | 2404 | 2407 | 2410 | rBV5 | 2161  | 2923  | 0.11% | 0.015% |
| 98  | 16.598 | 2410 | 2413 | 2415 | rBV4 | 1759  | 1708  | 0.07% | 0.009% |
| 99  | 16.653 | 2419 | 2422 | 2425 | rVB5 | 1864  | 2008  | 0.08% | 0.010% |
| 100 | 16.750 | 2434 | 2438 | 2440 | rBV5 | 3136  | 4498  | 0.17% | 0.023% |

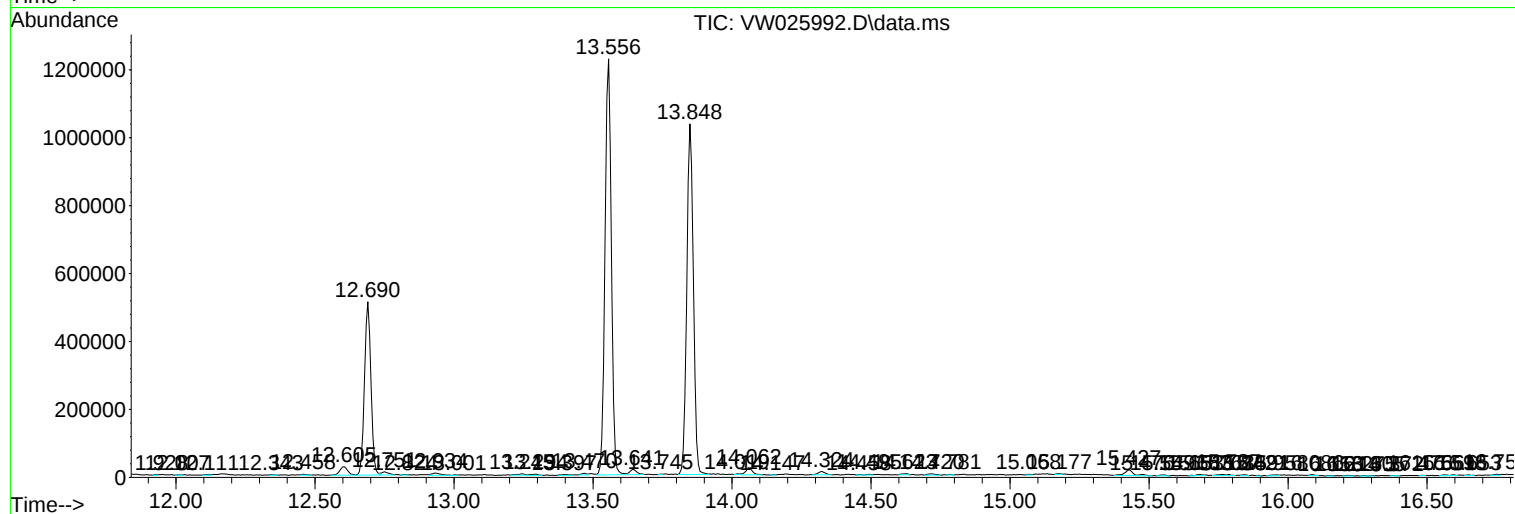
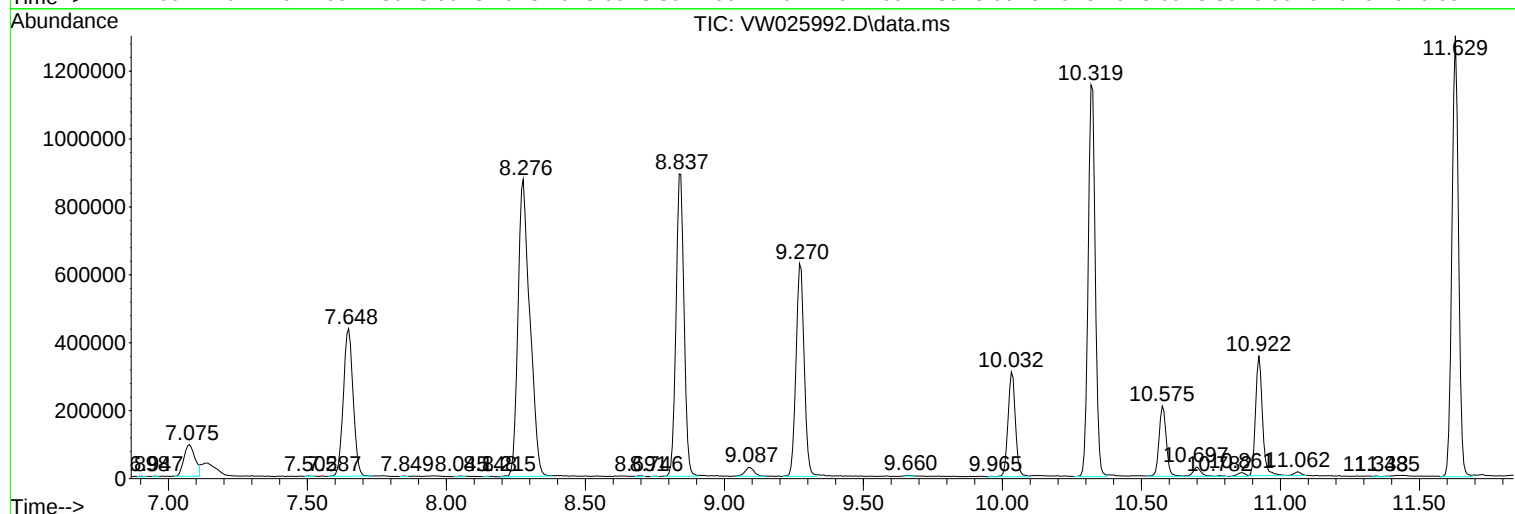
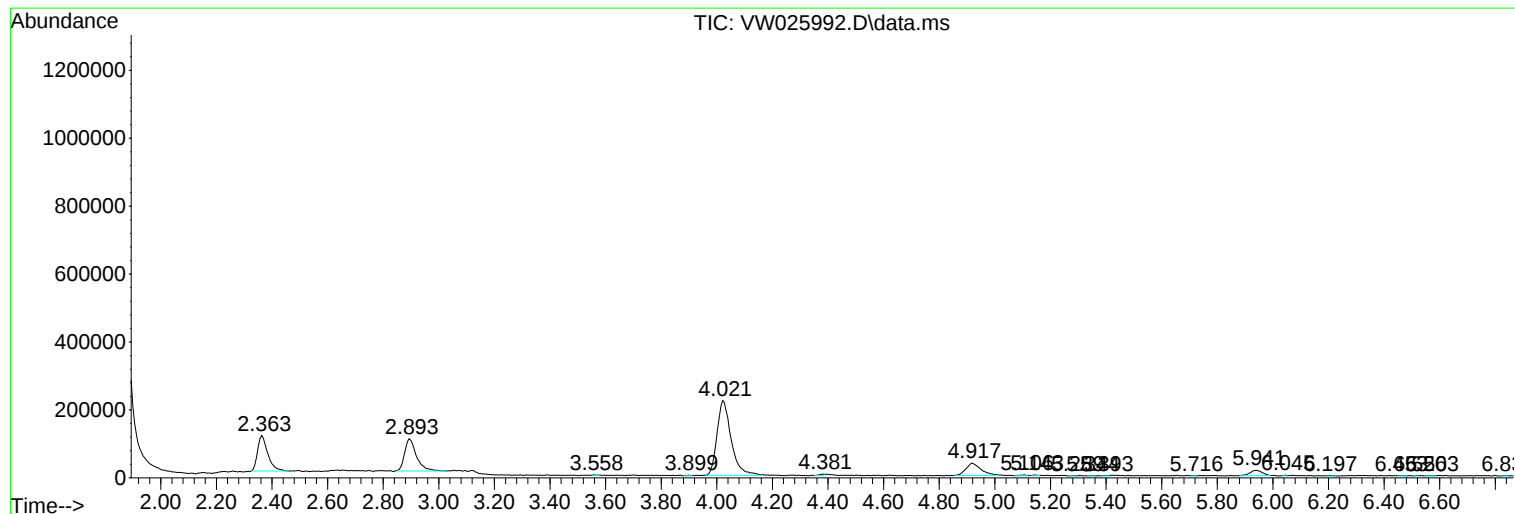
Sum of corrected areas: 19218470

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
Quant Title : SFAM01.0

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051823\  
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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|