

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060823\  
 Data File : VW026138.D  
 Acq On : 08 Jun 2023 17:54  
 Operator : SY/MD  
 Sample : 03078-12  
 Misc : 6.38g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ESQY0

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\SFAMWLM053023SMA.M  
 Title : SFAM01.0

Signal : TIC: VW026138.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          | 90           | rVB      | 139386         | 330673        | 12.67%          | 1.941%        |
| 2         | 2.899       | 158           | 166         | 178          | rBV      | 116333         | 326599        | 12.51%          | 1.917%        |
| 3         | 3.222       | 217           | 219         | 224          | rVB6     | 1435           | 1492          | 0.06%           | 0.009%        |
| 4         | 3.393       | 240           | 247         | 257          | rVB6     | 3593           | 10263         | 0.39%           | 0.060%        |
| 5         | 3.728       | 300           | 302         | 306          | rVB5     | 1730           | 1897          | 0.07%           | 0.011%        |
| 6         | 3.771       | 306           | 309         | 312          | rBV5     | 1188           | 1443          | 0.06%           | 0.008%        |
| 7         | 4.021       | 337           | 350         | 363          | rBV      | 267150         | 848229        | 32.49%          | 4.979%        |
| 8         | 4.393       | 404           | 411         | 424          | rVB2     | 17198          | 52848         | 2.02%           | 0.310%        |
| 9         | 4.619       | 444           | 448         | 450          | rBV4     | 2076           | 2931          | 0.11%           | 0.017%        |
| 10        | 4.686       | 455           | 459         | 460          | rBV4     | 2161           | 1864          | 0.07%           | 0.011%        |
| 11        | 4.917       | 485           | 497         | 509          | rBV3     | 26275          | 97759         | 3.74%           | 0.574%        |
| 12        | 5.112       | 526           | 529         | 532          | rVV4     | 2014           | 2966          | 0.11%           | 0.017%        |
| 13        | 5.155       | 535           | 536         | 539          | rVV3     | 1914           | 1537          | 0.06%           | 0.009%        |
| 14        | 5.198       | 541           | 543         | 547          | rVB5     | 2229           | 2629          | 0.10%           | 0.015%        |
| 15        | 5.417       | 572           | 579         | 581          | rBV7     | 3062           | 5305          | 0.20%           | 0.031%        |
| 16        | 5.442       | 581           | 583         | 587          | rVV4     | 2230           | 2687          | 0.10%           | 0.016%        |
| 17        | 5.521       | 591           | 596         | 598          | rBV6     | 1781           | 3227          | 0.12%           | 0.019%        |
| 18        | 5.588       | 605           | 607         | 610          | rVB4     | 1959           | 1605          | 0.06%           | 0.009%        |
| 19        | 5.777       | 635           | 638         | 643          | rVB7     | 1828           | 3484          | 0.13%           | 0.020%        |
| 20        | 5.948       | 653           | 666         | 671          | rBV8     | 7365           | 23235         | 0.89%           | 0.136%        |
| 21        | 6.137       | 693           | 697         | 698          | rVB4     | 1658           | 1578          | 0.06%           | 0.009%        |
| 22        | 6.161       | 698           | 701         | 704          | rVB5     | 1394           | 1745          | 0.07%           | 0.010%        |
| 23        | 6.301       | 719           | 724         | 732          | rBV5     | 1723           | 5699          | 0.22%           | 0.033%        |
| 24        | 6.386       | 735           | 738         | 740          | rBV4     | 1389           | 1631          | 0.06%           | 0.010%        |
| 25        | 6.441       | 745           | 747         | 751          | rVB5     | 1327           | 1574          | 0.06%           | 0.009%        |
| 26        | 6.905       | 819           | 823         | 826          | rBV6     | 2027           | 2832          | 0.11%           | 0.017%        |
| 27        | 7.075       | 843           | 851         | 856          | rBV      | 86324          | 239940        | 9.19%           | 1.408%        |
| 28        | 7.466       | 911           | 915         | 917          | rBV6     | 1775           | 2700          | 0.10%           | 0.016%        |
| 29        | 7.539       | 924           | 927         | 931          | rVB6     | 1698           | 2644          | 0.10%           | 0.016%        |
| 30        | 7.648       | 933           | 945         | 961          | rVV      | 441803         | 1072873       | 41.09%          | 6.297%        |
| 31        | 8.020       | 1003          | 1006        | 1008         | rBV4     | 1239           | 1748          | 0.07%           | 0.010%        |
| 32        | 8.039       | 1008          | 1009        | 1012         | rBV3     | 1104           | 1455          | 0.06%           | 0.009%        |
| 33        | 8.100       | 1016          | 1019        | 1021         | rVB4     | 1412           | 1854          | 0.07%           | 0.011%        |
| 34        | 8.276       | 1038          | 1048        | 1064         | rBV2     | 878614         | 2610743       | 100.00%         | 15.324%       |
| 35        | 8.429       | 1071          | 1073        | 1079         | rVB7     | 1140           | 1888          | 0.07%           | 0.011%        |
| 36        | 8.843       | 1132          | 1141        | 1152         | rBV      | 836862         | 1657345       | 63.48%          | 9.728%        |

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 ESQY0

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\SFAMWLM053023SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |       |         |         |        |         |
|----|--------|------|------|------|-------|---------|---------|--------|---------|
| 37 | 9.087  | 1174 | 1181 | 1189 | rVB10 | 8950    | 22915   | 0.88%  | 0.135%  |
| 38 | 9.270  | 1203 | 1211 | 1221 | rBV   | 610099  | 1262913 | 48.37% | 7.413%  |
| 39 | 9.416  | 1230 | 1235 | 1238 | rBV6  | 2908    | 5310    | 0.20%  | 0.031%  |
| 40 | 9.483  | 1245 | 1246 | 1249 | rVB3  | 2320    | 1895    | 0.07%  | 0.011%  |
| 41 | 9.660  | 1270 | 1275 | 1282 | rVV5  | 5506    | 11403   | 0.44%  | 0.067%  |
| 42 | 9.831  | 1301 | 1303 | 1307 | rBV5  | 2039    | 2620    | 0.10%  | 0.015%  |
| 43 | 10.032 | 1327 | 1336 | 1347 | rBV   | 278415  | 514032  | 19.69% | 3.017%  |
| 44 | 10.124 | 1349 | 1351 | 1356 | rVB5  | 3744    | 4608    | 0.18%  | 0.027%  |
| 45 | 10.209 | 1359 | 1365 | 1369 | rBV8  | 5651    | 12498   | 0.48%  | 0.073%  |
| 46 | 10.319 | 1376 | 1383 | 1391 | rBV   | 1059470 | 1912701 | 73.26% | 11.227% |
| 47 | 10.575 | 1419 | 1425 | 1439 | rVB   | 179871  | 315243  | 12.07% | 1.850%  |
| 48 | 10.703 | 1440 | 1446 | 1451 | rVB   | 15992   | 29071   | 1.11%  | 0.171%  |
| 49 | 10.843 | 1464 | 1469 | 1470 | rBV5  | 1085    | 1848    | 0.07%  | 0.011%  |
| 50 | 10.922 | 1475 | 1482 | 1493 | rBV   | 306222  | 543142  | 20.80% | 3.188%  |
| 51 | 11.069 | 1500 | 1506 | 1514 | rVB3  | 19314   | 38781   | 1.49%  | 0.228%  |
| 52 | 11.178 | 1521 | 1524 | 1528 | rVB6  | 1823    | 1772    | 0.07%  | 0.010%  |
| 53 | 11.233 | 1528 | 1533 | 1537 | rVB7  | 3079    | 4724    | 0.18%  | 0.028%  |
| 54 | 11.398 | 1556 | 1560 | 1561 | rBV3  | 2637    | 2479    | 0.09%  | 0.015%  |
| 55 | 11.434 | 1562 | 1566 | 1575 | rVB3  | 10240   | 16860   | 0.65%  | 0.099%  |
| 56 | 11.526 | 1578 | 1581 | 1582 | rBV3  | 1269    | 1479    | 0.06%  | 0.009%  |
| 57 | 11.629 | 1589 | 1598 | 1608 | rBV   | 1052074 | 1735012 | 66.46% | 10.184% |
| 58 | 12.135 | 1678 | 1681 | 1683 | rBV4  | 1717    | 1786    | 0.07%  | 0.010%  |
| 59 | 12.166 | 1683 | 1686 | 1688 | rBV4  | 2936    | 4136    | 0.16%  | 0.024%  |
| 60 | 12.233 | 1695 | 1697 | 1701 | rVB5  | 2289    | 2423    | 0.09%  | 0.014%  |
| 61 | 12.270 | 1701 | 1703 | 1706 | rBV4  | 1020    | 1480    | 0.06%  | 0.009%  |
| 62 | 12.343 | 1711 | 1715 | 1716 | rBV4  | 2278    | 2512    | 0.10%  | 0.015%  |
| 63 | 12.422 | 1726 | 1728 | 1729 | rBV2  | 2361    | 2016    | 0.08%  | 0.012%  |
| 64 | 12.605 | 1752 | 1758 | 1765 | rVB2  | 25469   | 45002   | 1.72%  | 0.264%  |
| 65 | 12.690 | 1765 | 1772 | 1779 | rBV   | 449023  | 740534  | 28.36% | 4.347%  |
| 66 | 12.861 | 1797 | 1800 | 1802 | rVV4  | 1382    | 1670    | 0.06%  | 0.010%  |
| 67 | 12.928 | 1808 | 1811 | 1813 | rBV3  | 4361    | 6074    | 0.23%  | 0.036%  |
| 68 | 13.032 | 1823 | 1828 | 1832 | rBV8  | 1645    | 3660    | 0.14%  | 0.021%  |
| 69 | 13.184 | 1848 | 1853 | 1854 | rBV5  | 2747    | 2712    | 0.10%  | 0.016%  |
| 70 | 13.288 | 1867 | 1870 | 1876 | rVB5  | 6896    | 9070    | 0.35%  | 0.053%  |
| 71 | 13.397 | 1882 | 1888 | 1894 | rBV9  | 7693    | 16465   | 0.63%  | 0.097%  |
| 72 | 13.471 | 1894 | 1900 | 1904 | rBV7  | 4005    | 9485    | 0.36%  | 0.056%  |
| 73 | 13.556 | 1907 | 1914 | 1927 | rBV   | 738988  | 1156822 | 44.31% | 6.790%  |
| 74 | 13.751 | 1943 | 1946 | 1952 | rBV8  | 3544    | 6723    | 0.26%  | 0.039%  |
| 75 | 13.800 | 1952 | 1954 | 1955 | rBV2  | 2149    | 1485    | 0.06%  | 0.009%  |
| 76 | 13.849 | 1955 | 1962 | 1969 | rBV   | 696694  | 1103194 | 42.26% | 6.475%  |

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Instrument :  
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 ClientSampleId :  
 ESQY0

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\SFAMWLM053023SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |       |       |       |       |        |
|-----|--------|------|------|------|-------|-------|-------|-------|--------|
| 77  | 14.062 | 1992 | 1997 | 2003 | rVB2  | 13989 | 24823 | 0.95% | 0.146% |
| 78  | 14.184 | 2014 | 2017 | 2020 | rBV5  | 2447  | 2468  | 0.09% | 0.014% |
| 79  | 14.324 | 2036 | 2040 | 2046 | rVB9  | 7420  | 13186 | 0.51% | 0.077% |
| 80  | 14.416 | 2054 | 2055 | 2060 | rVB5  | 2477  | 2201  | 0.08% | 0.013% |
| 81  | 14.470 | 2060 | 2064 | 2065 | rBV4  | 1626  | 2580  | 0.10% | 0.015% |
| 82  | 14.568 | 2078 | 2080 | 2082 | rVB3  | 2001  | 1767  | 0.07% | 0.010% |
| 83  | 14.592 | 2082 | 2084 | 2085 | rBV2  | 2272  | 1539  | 0.06% | 0.009% |
| 84  | 14.623 | 2085 | 2089 | 2090 | rBV4  | 2823  | 3276  | 0.13% | 0.019% |
| 85  | 14.720 | 2101 | 2105 | 2110 | rVB8  | 4237  | 6611  | 0.25% | 0.039% |
| 86  | 15.165 | 2176 | 2178 | 2179 | rBV2  | 2838  | 2229  | 0.09% | 0.013% |
| 87  | 15.312 | 2199 | 2202 | 2205 | rVB5  | 1612  | 1864  | 0.07% | 0.011% |
| 88  | 15.354 | 2206 | 2209 | 2213 | rVV5  | 2295  | 3615  | 0.14% | 0.021% |
| 89  | 15.428 | 2215 | 2221 | 2227 | rVV2  | 27104 | 50774 | 1.94% | 0.298% |
| 90  | 15.489 | 2227 | 2231 | 2233 | rVB5  | 2421  | 2331  | 0.09% | 0.014% |
| 91  | 15.617 | 2250 | 2252 | 2256 | rVB5  | 1512  | 1703  | 0.07% | 0.010% |
| 92  | 15.671 | 2256 | 2261 | 2267 | rBV10 | 2786  | 6225  | 0.24% | 0.037% |
| 93  | 15.787 | 2278 | 2280 | 2285 | rVB6  | 2404  | 2442  | 0.09% | 0.014% |
| 94  | 15.842 | 2285 | 2289 | 2293 | rBV7  | 2858  | 3384  | 0.13% | 0.020% |
| 95  | 15.952 | 2303 | 2307 | 2308 | rBV4  | 2356  | 3094  | 0.12% | 0.018% |
| 96  | 16.348 | 2370 | 2372 | 2375 | rBV4  | 1264  | 1816  | 0.07% | 0.011% |
| 97  | 16.494 | 2391 | 2396 | 2398 | rBV6  | 2018  | 3739  | 0.14% | 0.022% |
| 98  | 16.598 | 2409 | 2413 | 2414 | rBV4  | 1371  | 1567  | 0.06% | 0.009% |
| 99  | 16.677 | 2422 | 2426 | 2429 | rBV5  | 1577  | 2778  | 0.11% | 0.016% |
| 100 | 16.732 | 2432 | 2435 | 2438 | rBV5  | 976   | 1664  | 0.06% | 0.010% |

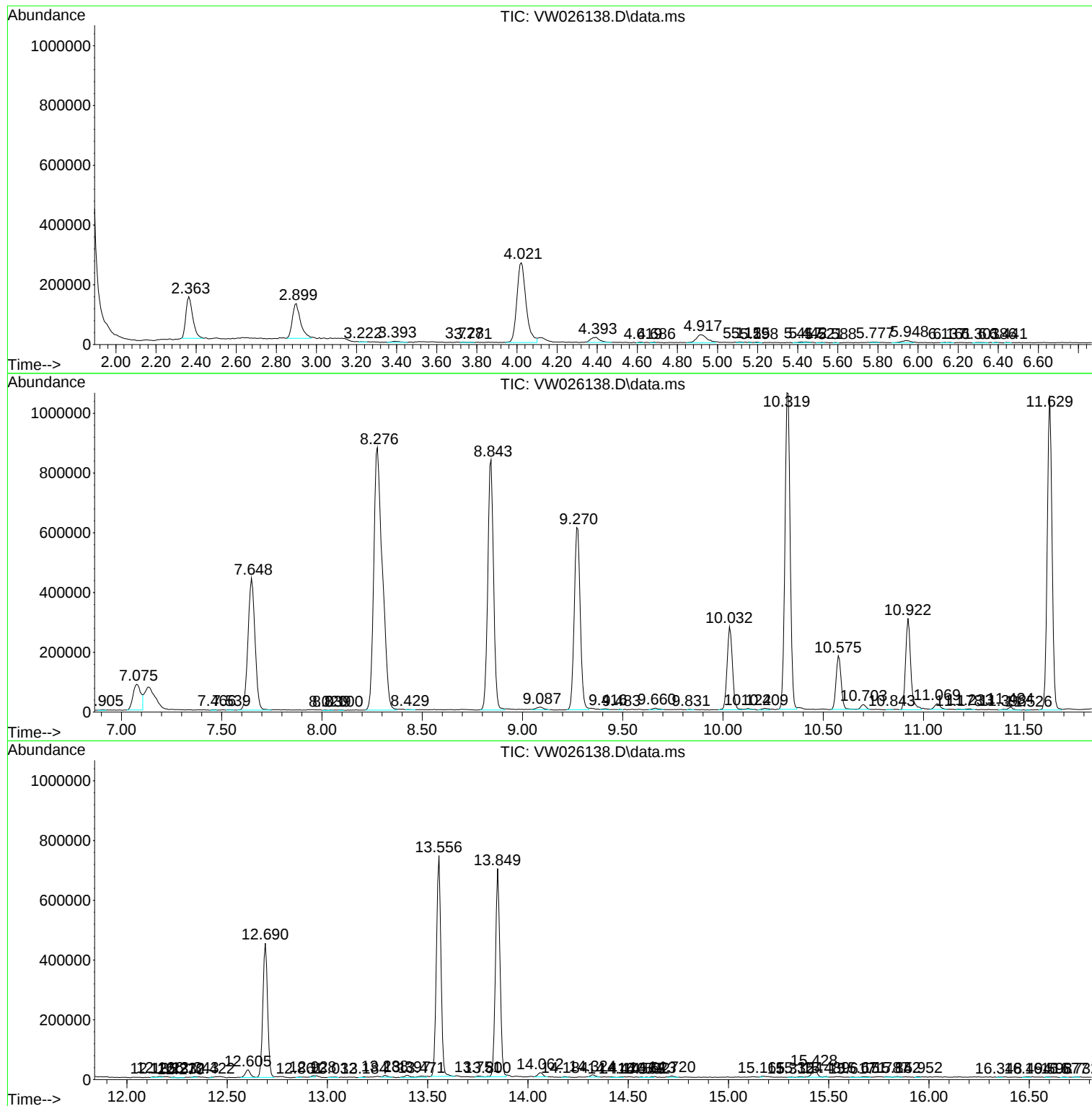
Sum of corrected areas: 17037153

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
Quant Title : SFAM01.0

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|