

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121123\  
 Data File : VD077804.D  
 Acq On : 11 Dec 2023 10:30  
 Operator : JC/SY  
 Sample : VD1211SBL01  
 Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK181

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\_D\Method\SFAMDLM112923SMA.M  
 Title : SFAM01.0

Signal : TIC: VD077804.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         | 1.687       | 13            | 17          | 20           | rBV      | 8655           | 14999         | 1.49%           | 0.186%        |
| 2         | 1.746       | 20            | 27          | 40           | rVB      | 636547         | 1003477       | 100.00%         | 12.419%       |
| 3         | 2.070       | 80            | 82          | 84           | rBV2     | 2693           | 2213          | 0.22%           | 0.027%        |
| 4         | 2.146       | 93            | 95          | 96           | rBV2     | 2456           | 2227          | 0.22%           | 0.028%        |
| 5         | 2.281       | 112           | 118         | 124          | rBV      | 129423         | 191294        | 19.06%          | 2.368%        |
| 6         | 2.811       | 202           | 208         | 214          | rBV      | 102439         | 195097        | 19.44%          | 2.415%        |
| 7         | 3.181       | 268           | 271         | 275          | rBV2     | 1668           | 3275          | 0.33%           | 0.041%        |
| 8         | 3.446       | 314           | 316         | 319          | rVB      | 1381           | 1375          | 0.14%           | 0.017%        |
| 9         | 3.587       | 337           | 340         | 341          | rBV2     | 1532           | 1682          | 0.17%           | 0.021%        |
| 10        | 3.611       | 341           | 344         | 346          | rVV2     | 1052           | 1468          | 0.15%           | 0.018%        |
| 11        | 3.664       | 351           | 353         | 356          | rBV2     | 1246           | 1565          | 0.16%           | 0.019%        |
| 12        | 3.846       | 382           | 384         | 385          | rBV      | 1438           | 1085          | 0.11%           | 0.013%        |
| 13        | 3.928       | 387           | 398         | 409          | rVV2     | 109202         | 294268        | 29.32%          | 3.642%        |
| 14        | 4.005       | 409           | 411         | 412          | rVB      | 2192           | 1405          | 0.14%           | 0.017%        |
| 15        | 4.264       | 453           | 455         | 457          | rBV2     | 1652           | 1505          | 0.15%           | 0.019%        |
| 16        | 4.311       | 461           | 463         | 464          | rBV2     | 1563           | 1299          | 0.13%           | 0.016%        |
| 17        | 4.616       | 513           | 515         | 516          | rBV      | 1392           | 984           | 0.10%           | 0.012%        |
| 18        | 4.716       | 530           | 532         | 536          | rVV2     | 1022           | 1371          | 0.14%           | 0.017%        |
| 19        | 4.805       | 538           | 547         | 555          | rVB6     | 4615           | 16368         | 1.63%           | 0.203%        |
| 20        | 4.987       | 576           | 578         | 581          | rVB      | 1240           | 980           | 0.10%           | 0.012%        |
| 21        | 5.040       | 586           | 587         | 589          | rBV      | 1568           | 1046          | 0.10%           | 0.013%        |
| 22        | 5.069       | 589           | 592         | 594          | rVV2     | 1383           | 1609          | 0.16%           | 0.020%        |
| 23        | 5.428       | 652           | 653         | 657          | rVB      | 1401           | 1357          | 0.14%           | 0.017%        |
| 24        | 5.516       | 665           | 668         | 670          | rBV2     | 862            | 932           | 0.09%           | 0.012%        |
| 25        | 5.675       | 693           | 695         | 697          | rVB3     | 1511           | 1107          | 0.11%           | 0.014%        |
| 26        | 6.275       | 794           | 797         | 799          | rBV2     | 1738           | 1600          | 0.16%           | 0.020%        |
| 27        | 6.311       | 801           | 803         | 809          | rVB      | 1396           | 2118          | 0.21%           | 0.026%        |
| 28        | 6.358       | 809           | 811         | 814          | rBV      | 1141           | 1418          | 0.14%           | 0.018%        |
| 29        | 6.505       | 834           | 836         | 837          | rBV      | 1708           | 1060          | 0.11%           | 0.013%        |
| 30        | 6.675       | 863           | 865         | 868          | rBV      | 1838           | 2898          | 0.29%           | 0.036%        |
| 31        | 6.810       | 886           | 888         | 891          | rBV      | 1573           | 1693          | 0.17%           | 0.021%        |
| 32        | 6.916       | 903           | 906         | 907          | rBV      | 1509           | 1369          | 0.14%           | 0.017%        |
| 33        | 6.993       | 910           | 919         | 926          | rBV2     | 22136          | 64630         | 6.44%           | 0.800%        |
| 34        | 7.258       | 963           | 964         | 968          | rBV      | 1422           | 1552          | 0.15%           | 0.019%        |
| 35        | 7.310       | 971           | 973         | 975          | rBV2     | 1125           | 1096          | 0.11%           | 0.014%        |
| 36        | 7.357       | 978           | 981         | 984          | rBV      | 1321           | 1704          | 0.17%           | 0.021%        |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK181

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\_D\Method\SFAMDLM112923SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 7.410  | 988  | 990  | 995  | rVB3 | 1621   | 2382   | 0.24%  | 0.029%  |
| 38 | 7.458  | 995  | 998  | 999  | rBV2 | 1387   | 1441   | 0.14%  | 0.018%  |
| 39 | 7.575  | 1007 | 1018 | 1031 | rBV  | 151706 | 394762 | 39.34% | 4.886%  |
| 40 | 8.210  | 1115 | 1126 | 1142 | rBV2 | 305961 | 906950 | 90.38% | 11.225% |
| 41 | 8.352  | 1148 | 1150 | 1155 | rVB3 | 1872   | 2086   | 0.21%  | 0.026%  |
| 42 | 8.393  | 1155 | 1157 | 1160 | rBV2 | 1296   | 1489   | 0.15%  | 0.018%  |
| 43 | 8.446  | 1165 | 1166 | 1169 | rBV2 | 2156   | 2376   | 0.24%  | 0.029%  |
| 44 | 8.534  | 1178 | 1181 | 1184 | rBV2 | 1860   | 2259   | 0.23%  | 0.028%  |
| 45 | 8.781  | 1214 | 1223 | 1235 | rBV  | 329900 | 672077 | 66.97% | 8.318%  |
| 46 | 8.975  | 1255 | 1256 | 1259 | rBV  | 1768   | 1327   | 0.13%  | 0.016%  |
| 47 | 9.099  | 1273 | 1277 | 1279 | rBV2 | 1702   | 1785   | 0.18%  | 0.022%  |
| 48 | 9.210  | 1287 | 1296 | 1307 | rBV  | 198554 | 421224 | 41.98% | 5.213%  |
| 49 | 9.493  | 1342 | 1344 | 1347 | rVB3 | 1158   | 1006   | 0.10%  | 0.012%  |
| 50 | 9.546  | 1351 | 1353 | 1357 | rVB  | 1938   | 1685   | 0.17%  | 0.021%  |
| 51 | 9.604  | 1361 | 1363 | 1366 | rVB2 | 1562   | 1374   | 0.14%  | 0.017%  |
| 52 | 9.669  | 1372 | 1374 | 1377 | rVB2 | 1512   | 1886   | 0.19%  | 0.023%  |
| 53 | 9.816  | 1394 | 1399 | 1403 | rBV3 | 1519   | 3155   | 0.31%  | 0.039%  |
| 54 | 9.916  | 1413 | 1416 | 1417 | rBV3 | 1599   | 1475   | 0.15%  | 0.018%  |
| 55 | 9.981  | 1417 | 1427 | 1442 | rVV2 | 119010 | 226267 | 22.55% | 2.800%  |
| 56 | 10.269 | 1469 | 1476 | 1485 | rBV  | 413186 | 756162 | 75.35% | 9.358%  |
| 57 | 10.528 | 1514 | 1520 | 1532 | rVV  | 77808  | 130511 | 13.01% | 1.615%  |
| 58 | 10.628 | 1534 | 1537 | 1538 | rBV  | 1221   | 1507   | 0.15%  | 0.019%  |
| 59 | 10.663 | 1538 | 1543 | 1553 | rVB2 | 18673  | 36514  | 3.64%  | 0.452%  |
| 60 | 10.881 | 1574 | 1580 | 1586 | rBV  | 90880  | 156405 | 15.59% | 1.936%  |
| 61 | 11.134 | 1620 | 1623 | 1624 | rBV2 | 1264   | 1101   | 0.11%  | 0.014%  |
| 62 | 11.251 | 1642 | 1643 | 1648 | rVB2 | 1432   | 1313   | 0.13%  | 0.016%  |
| 63 | 11.293 | 1648 | 1650 | 1652 | rBV  | 996    | 940    | 0.09%  | 0.012%  |
| 64 | 11.357 | 1658 | 1661 | 1662 | rBV2 | 1543   | 1609   | 0.16%  | 0.020%  |
| 65 | 11.393 | 1665 | 1667 | 1669 | rBV2 | 3093   | 3003   | 0.30%  | 0.037%  |
| 66 | 11.463 | 1678 | 1679 | 1681 | rBV2 | 1396   | 982    | 0.10%  | 0.012%  |
| 67 | 11.487 | 1681 | 1683 | 1685 | rVV2 | 1518   | 1378   | 0.14%  | 0.017%  |
| 68 | 11.522 | 1687 | 1689 | 1692 | rVV  | 1410   | 1875   | 0.19%  | 0.023%  |
| 69 | 11.581 | 1692 | 1699 | 1713 | rVV  | 459745 | 824299 | 82.14% | 10.202% |
| 70 | 11.698 | 1713 | 1719 | 1723 | rVB3 | 1802   | 3551   | 0.35%  | 0.044%  |
| 71 | 11.851 | 1743 | 1745 | 1748 | rVB3 | 1958   | 1549   | 0.15%  | 0.019%  |
| 72 | 12.128 | 1788 | 1792 | 1793 | rBV  | 1059   | 1099   | 0.11%  | 0.014%  |
| 73 | 12.163 | 1796 | 1798 | 1799 | rBV  | 1496   | 1304   | 0.13%  | 0.016%  |
| 74 | 12.193 | 1801 | 1803 | 1805 | rBV  | 1607   | 1713   | 0.17%  | 0.021%  |
| 75 | 12.445 | 1844 | 1846 | 1849 | rVB2 | 1540   | 1536   | 0.15%  | 0.019%  |
| 76 | 12.581 | 1864 | 1869 | 1875 | rBV2 | 15171  | 27005  | 2.69%  | 0.334%  |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK181

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\_D\Method\SFAMDLM112923SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.651 | 1875 | 1881 | 1889 | rVB  | 145080 | 247741 | 24.69% | 3.066% |
| 78  | 12.798 | 1905 | 1906 | 1909 | rBV2 | 1071   | 1186   | 0.12%  | 0.015% |
| 79  | 12.834 | 1909 | 1912 | 1915 | rVV3 | 1363   | 1790   | 0.18%  | 0.022% |
| 80  | 12.940 | 1929 | 1930 | 1935 | rBV2 | 1283   | 1977   | 0.20%  | 0.024% |
| 81  | 13.134 | 1960 | 1963 | 1966 | rVV  | 737    | 1097   | 0.11%  | 0.014% |
| 82  | 13.181 | 1969 | 1971 | 1973 | rVV  | 1588   | 1473   | 0.15%  | 0.018% |
| 83  | 13.269 | 1982 | 1986 | 1994 | rVV2 | 4326   | 7606   | 0.76%  | 0.094% |
| 84  | 13.416 | 2008 | 2011 | 2012 | rBV2 | 1485   | 1406   | 0.14%  | 0.017% |
| 85  | 13.457 | 2017 | 2018 | 2020 | rBV2 | 1770   | 1530   | 0.15%  | 0.019% |
| 86  | 13.522 | 2022 | 2029 | 2039 | rVB  | 455981 | 748603 | 74.60% | 9.265% |
| 87  | 13.816 | 2072 | 2079 | 2088 | rBV  | 364826 | 594641 | 59.26% | 7.359% |
| 88  | 13.881 | 2088 | 2090 | 2093 | rVB2 | 1712   | 1535   | 0.15%  | 0.019% |
| 89  | 13.987 | 2104 | 2108 | 2109 | rBV2 | 1606   | 2479   | 0.25%  | 0.031% |
| 90  | 14.051 | 2114 | 2119 | 2125 | rVB  | 13523  | 22737  | 2.27%  | 0.281% |
| 91  | 14.351 | 2168 | 2170 | 2172 | rBV2 | 1609   | 1471   | 0.15%  | 0.018% |
| 92  | 14.557 | 2203 | 2205 | 2208 | rVB2 | 1627   | 940    | 0.09%  | 0.012% |
| 93  | 14.739 | 2235 | 2236 | 2238 | rVB  | 2743   | 1160   | 0.12%  | 0.014% |
| 94  | 14.992 | 2278 | 2279 | 2281 | rBV  | 1459   | 1381   | 0.14%  | 0.017% |
| 95  | 15.228 | 2317 | 2319 | 2322 | rVB3 | 2244   | 1734   | 0.17%  | 0.021% |
| 96  | 15.469 | 2358 | 2360 | 2361 | rBV2 | 2293   | 1146   | 0.11%  | 0.014% |
| 97  | 15.739 | 2402 | 2406 | 2408 | rBV2 | 2517   | 3256   | 0.32%  | 0.040% |
| 98  | 15.781 | 2411 | 2413 | 2415 | rVB  | 3043   | 1796   | 0.18%  | 0.022% |
| 99  | 16.081 | 2462 | 2464 | 2465 | rBV2 | 1528   | 1007   | 0.10%  | 0.012% |
| 100 | 16.604 | 2551 | 2553 | 2557 | rBV3 | 3040   | 2818   | 0.28%  | 0.035% |

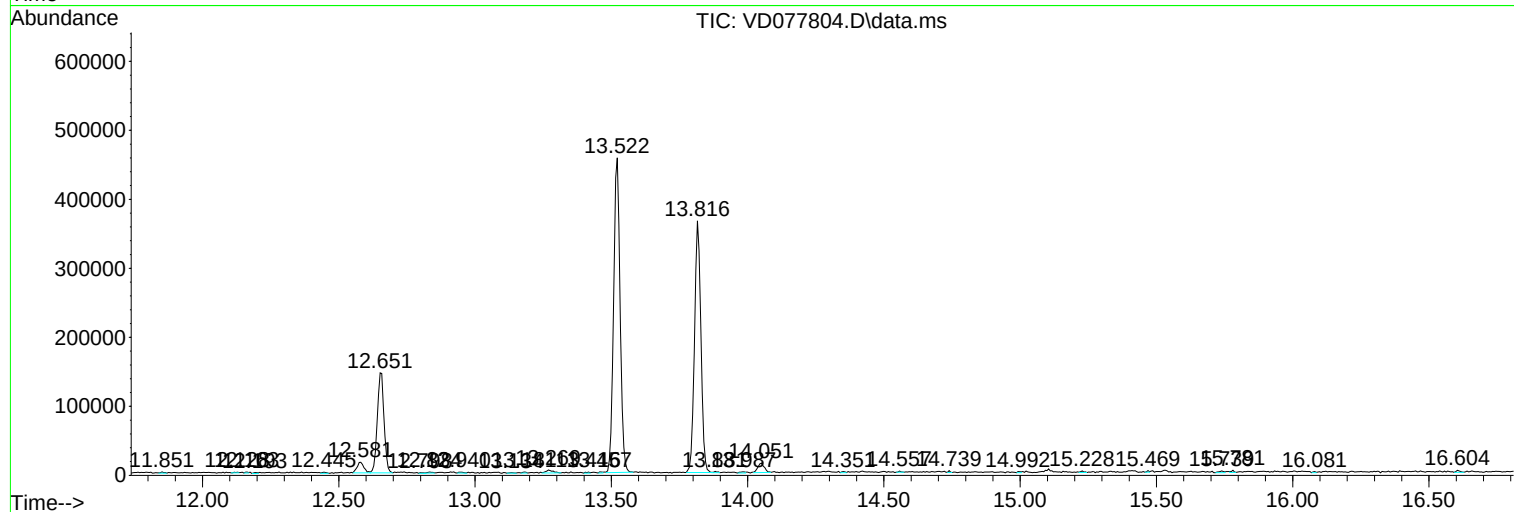
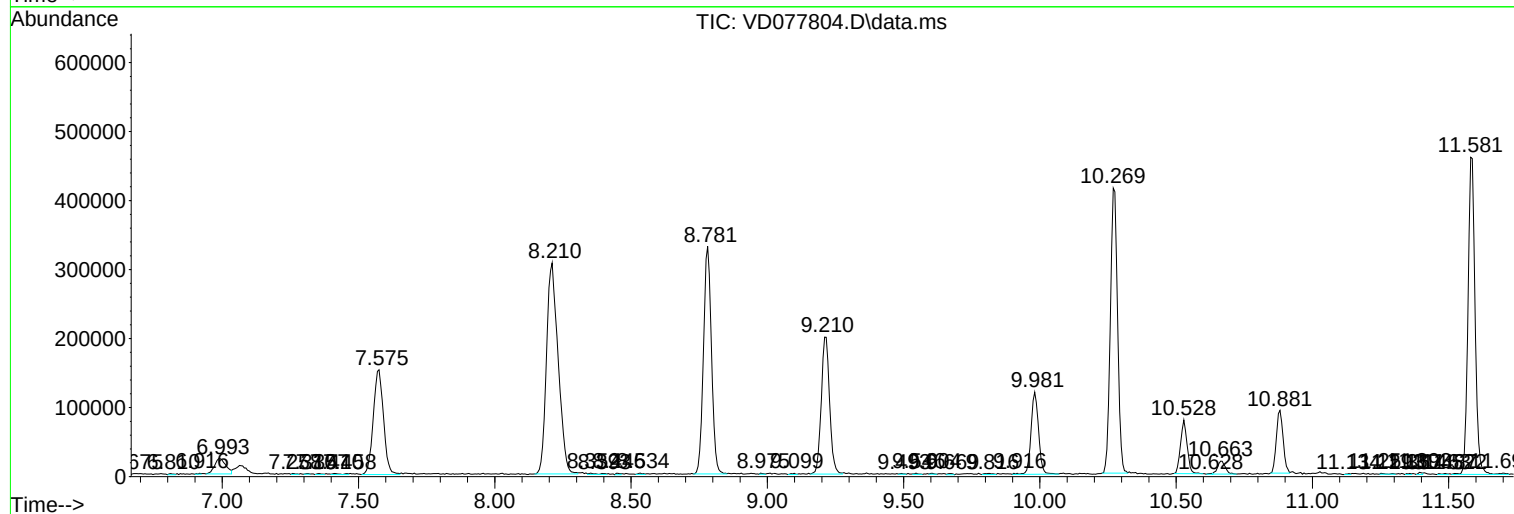
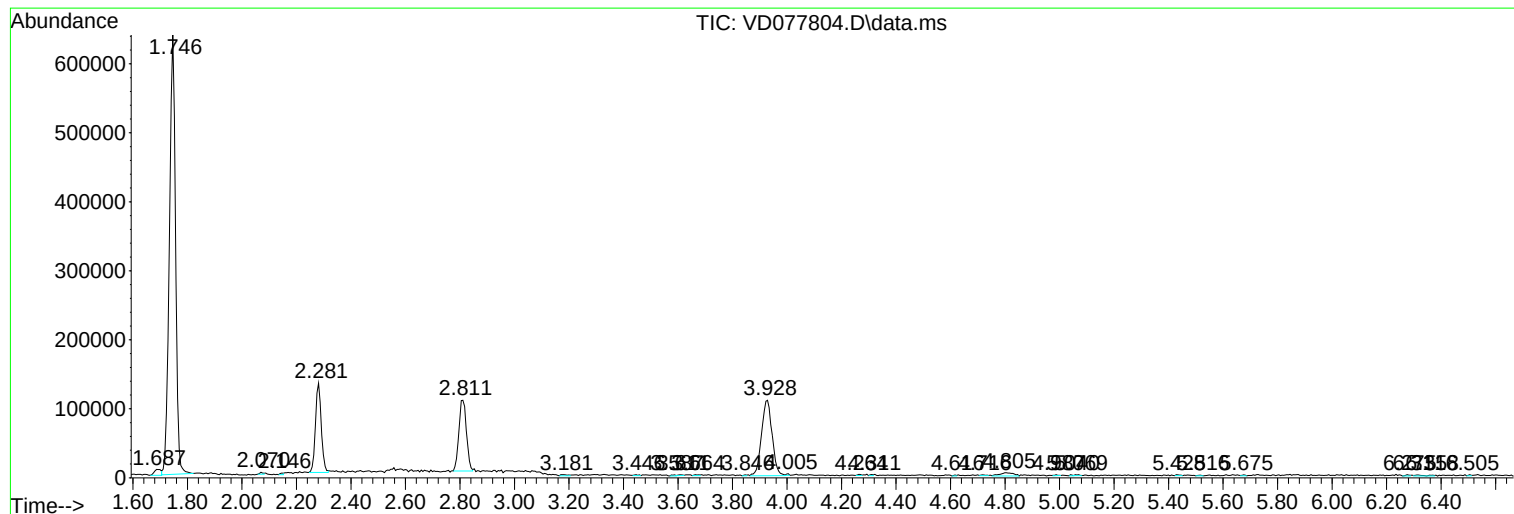
Sum of corrected areas: 8079998

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121123\  
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No Library Search Compounds Detected

\*\*\*\*\*

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

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