

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081023\  
 Data File : VW026680.D  
 Acq On : 10 Aug 2023 16:30  
 Operator : SY/MD  
 Sample : 03965-21  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A48X4

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\SFAMWLM081023SMA.M  
 Title : SFAM01.0

Signal : TIC: VW026680.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         | 2.149       | 37            | 43          | 44           | rBV4     | 4049           | 6016          | 0.23%           | 0.035%        |
| 2         | 2.216       | 49            | 54          | 56           | rBV5     | 4747           | 8680          | 0.33%           | 0.050%        |
| 3         | 2.362       | 72            | 78          | 95           | rBV      | 97492          | 297026        | 11.46%          | 1.708%        |
| 4         | 2.893       | 158           | 165         | 182          | rBV      | 89759          | 271710        | 10.49%          | 1.563%        |
| 5         | 3.478       | 259           | 261         | 262          | rBV2     | 1258           | 1002          | 0.04%           | 0.006%        |
| 6         | 3.716       | 297           | 300         | 302          | rBV4     | 923            | 1136          | 0.04%           | 0.007%        |
| 7         | 3.905       | 329           | 331         | 334          | rVB4     | 1655           | 1725          | 0.07%           | 0.010%        |
| 8         | 3.929       | 334           | 335         | 337          | rBV2     | 1012           | 967           | 0.04%           | 0.006%        |
| 9         | 4.021       | 338           | 350         | 376          | rVV      | 219910         | 845515        | 32.63%          | 4.863%        |
| 10        | 4.326       | 398           | 400         | 402          | rVB3     | 1352           | 1136          | 0.04%           | 0.007%        |
| 11        | 4.362       | 402           | 406         | 408          | rBV5     | 1484           | 1523          | 0.06%           | 0.009%        |
| 12        | 4.393       | 408           | 411         | 413          | rBV4     | 1221           | 1768          | 0.07%           | 0.010%        |
| 13        | 4.789       | 474           | 476         | 481          | rVB5     | 1025           | 1198          | 0.05%           | 0.007%        |
| 14        | 4.880       | 487           | 491         | 492          | rBV4     | 1600           | 1783          | 0.07%           | 0.010%        |
| 15        | 4.929       | 492           | 499         | 503          | rBV8     | 3484           | 10086         | 0.39%           | 0.058%        |
| 16        | 5.100       | 521           | 527         | 530          | rBV8     | 2653           | 4985          | 0.19%           | 0.029%        |
| 17        | 5.307       | 557           | 561         | 563          | rBV5     | 1161           | 2138          | 0.08%           | 0.012%        |
| 18        | 5.429       | 579           | 581         | 586          | rVV4     | 1073           | 1724          | 0.07%           | 0.010%        |
| 19        | 5.502       | 591           | 593         | 595          | rBV2     | 1332           | 1138          | 0.04%           | 0.007%        |
| 20        | 5.563       | 601           | 603         | 605          | rBV2     | 1207           | 1243          | 0.05%           | 0.007%        |
| 21        | 5.581       | 605           | 606         | 610          | rVB3     | 1779           | 1280          | 0.05%           | 0.007%        |
| 22        | 5.636       | 610           | 615         | 616          | rBV4     | 1648           | 1966          | 0.08%           | 0.011%        |
| 23        | 5.709       | 623           | 627         | 628          | rBV3     | 1088           | 1061          | 0.04%           | 0.006%        |
| 24        | 5.758       | 633           | 635         | 638          | rVV4     | 1051           | 1014          | 0.04%           | 0.006%        |
| 25        | 5.905       | 654           | 659         | 661          | rBV5     | 1427           | 2562          | 0.10%           | 0.015%        |
| 26        | 5.947       | 662           | 666         | 672          | rVB9     | 2293           | 5170          | 0.20%           | 0.030%        |
| 27        | 6.222       | 707           | 711         | 713          | rBV4     | 1033           | 1654          | 0.06%           | 0.010%        |
| 28        | 6.496       | 754           | 756         | 761          | rVB6     | 999            | 1501          | 0.06%           | 0.009%        |
| 29        | 6.600       | 771           | 773         | 776          | rBV3     | 1215           | 945           | 0.04%           | 0.005%        |
| 30        | 6.691       | 784           | 788         | 791          | rBV4     | 1395           | 1878          | 0.07%           | 0.011%        |
| 31        | 6.807       | 801           | 807         | 808          | rBV5     | 1070           | 1580          | 0.06%           | 0.009%        |
| 32        | 6.923       | 822           | 826         | 830          | rBV7     | 704            | 1313          | 0.05%           | 0.008%        |
| 33        | 7.075       | 841           | 851         | 858          | rBV      | 80916          | 234142        | 9.04%           | 1.347%        |
| 34        | 7.484       | 915           | 918         | 919          | rBV3     | 1269           | 1439          | 0.06%           | 0.008%        |
| 35        | 7.532       | 923           | 926         | 927          | rBV3     | 1022           | 1127          | 0.04%           | 0.006%        |
| 36        | 7.648       | 934           | 945         | 958          | rVB      | 432584         | 1045145       | 40.34%          | 6.011%        |

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 A48X4

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Integrator: RTE

Smoothing : OFF

Filtering: 5

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Min Area: 0 % of largest Peak

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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\SFAMWLM081023SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |       |         |         |         |         |
|----|--------|------|------|------|-------|---------|---------|---------|---------|
| 37 | 7.874  | 980  | 982  | 984  | rVB3  | 1544    | 952     | 0.04%   | 0.005%  |
| 38 | 7.953  | 990  | 995  | 999  | rBV7  | 1427    | 2689    | 0.10%   | 0.015%  |
| 39 | 8.008  | 1002 | 1004 | 1005 | rVB   | 1500    | 1015    | 0.04%   | 0.006%  |
| 40 | 8.026  | 1005 | 1007 | 1008 | rBV   | 1620    | 1301    | 0.05%   | 0.007%  |
| 41 | 8.050  | 1008 | 1011 | 1014 | rVB5  | 1201    | 1452    | 0.06%   | 0.008%  |
| 42 | 8.118  | 1021 | 1022 | 1025 | rBV3  | 1232    | 1343    | 0.05%   | 0.008%  |
| 43 | 8.276  | 1037 | 1048 | 1063 | rBV2  | 894577  | 2591074 | 100.00% | 14.901% |
| 44 | 8.514  | 1084 | 1087 | 1088 | rVB3  | 1095    | 1031    | 0.04%   | 0.006%  |
| 45 | 8.605  | 1101 | 1102 | 1103 | rBV   | 1517    | 1082    | 0.04%   | 0.006%  |
| 46 | 8.733  | 1122 | 1123 | 1126 | rBV3  | 1251    | 1116    | 0.04%   | 0.006%  |
| 47 | 8.843  | 1132 | 1141 | 1156 | rVV   | 737268  | 1450851 | 55.99%  | 8.344%  |
| 48 | 9.136  | 1187 | 1189 | 1191 | rBV3  | 1671    | 1825    | 0.07%   | 0.010%  |
| 49 | 9.276  | 1203 | 1212 | 1221 | rBV   | 592692  | 1204095 | 46.47%  | 6.925%  |
| 50 | 9.587  | 1260 | 1263 | 1264 | rBV3  | 879     | 1183    | 0.05%   | 0.007%  |
| 51 | 9.867  | 1308 | 1309 | 1315 | rVB6  | 879     | 1412    | 0.05%   | 0.008%  |
| 52 | 10.032 | 1329 | 1336 | 1349 | rBV   | 307548  | 562444  | 21.71%  | 3.235%  |
| 53 | 10.203 | 1362 | 1364 | 1367 | rBV4  | 1216    | 1305    | 0.05%   | 0.008%  |
| 54 | 10.324 | 1376 | 1384 | 1393 | rBV   | 1152783 | 2051619 | 79.18%  | 11.799% |
| 55 | 10.483 | 1407 | 1410 | 1411 | rBV3  | 1354    | 1404    | 0.05%   | 0.008%  |
| 56 | 10.574 | 1418 | 1425 | 1434 | rBV   | 207935  | 367449  | 14.18%  | 2.113%  |
| 57 | 10.702 | 1440 | 1446 | 1451 | rVB2  | 11771   | 19713   | 0.76%   | 0.113%  |
| 58 | 10.861 | 1467 | 1472 | 1476 | rBV7  | 3394    | 6980    | 0.27%   | 0.040%  |
| 59 | 10.922 | 1476 | 1482 | 1495 | rBV   | 207755  | 369568  | 14.26%  | 2.125%  |
| 60 | 11.215 | 1528 | 1530 | 1533 | rBV4  | 1305    | 1019    | 0.04%   | 0.006%  |
| 61 | 11.397 | 1559 | 1560 | 1563 | rBV3  | 1472    | 1446    | 0.06%   | 0.008%  |
| 62 | 11.507 | 1574 | 1578 | 1580 | rBV4  | 944     | 1227    | 0.05%   | 0.007%  |
| 63 | 11.629 | 1590 | 1598 | 1607 | rBV   | 1062991 | 1788320 | 69.02%  | 10.285% |
| 64 | 11.830 | 1628 | 1631 | 1634 | rBV5  | 1222    | 1913    | 0.07%   | 0.011%  |
| 65 | 12.111 | 1674 | 1677 | 1681 | rBV6  | 1598    | 2367    | 0.09%   | 0.014%  |
| 66 | 12.166 | 1681 | 1686 | 1688 | rBV5  | 2243    | 4297    | 0.17%   | 0.025%  |
| 67 | 12.281 | 1703 | 1705 | 1707 | rVB3  | 1090    | 1004    | 0.04%   | 0.006%  |
| 68 | 12.318 | 1707 | 1711 | 1712 | rBV4  | 938     | 1087    | 0.04%   | 0.006%  |
| 69 | 12.342 | 1712 | 1715 | 1720 | rVV6  | 1060    | 1748    | 0.07%   | 0.010%  |
| 70 | 12.385 | 1720 | 1722 | 1726 | rVB4  | 1416    | 1523    | 0.06%   | 0.009%  |
| 71 | 12.464 | 1731 | 1735 | 1742 | rBV10 | 2469    | 4895    | 0.19%   | 0.028%  |
| 72 | 12.605 | 1749 | 1758 | 1764 | rBV2  | 9004    | 18256   | 0.70%   | 0.105%  |
| 73 | 12.690 | 1764 | 1772 | 1779 | rBV   | 492735  | 798895  | 30.83%  | 4.594%  |
| 74 | 12.751 | 1779 | 1782 | 1789 | rVB3  | 10844   | 19127   | 0.74%   | 0.110%  |
| 75 | 12.867 | 1798 | 1801 | 1804 | rBV4  | 1343    | 1881    | 0.07%   | 0.011%  |
| 76 | 12.934 | 1808 | 1812 | 1814 | rBV5  | 3063    | 3898    | 0.15%   | 0.022%  |

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 A48X4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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\SFAMWLM081023SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 13.086 | 1835 | 1837 | 1839 | rVB3 | 1301    | 1223    | 0.05%  | 0.007% |
| 78  | 13.111 | 1839 | 1841 | 1843 | rBV3 | 996     | 1285    | 0.05%  | 0.007% |
| 79  | 13.184 | 1850 | 1853 | 1857 | rVB5 | 2421    | 3654    | 0.14%  | 0.021% |
| 80  | 13.239 | 1859 | 1862 | 1867 | rVB6 | 2736    | 4360    | 0.17%  | 0.025% |
| 81  | 13.403 | 1883 | 1889 | 1894 | rVB8 | 4668    | 9078    | 0.35%  | 0.052% |
| 82  | 13.476 | 1894 | 1901 | 1902 | rBV6 | 4563    | 6871    | 0.27%  | 0.040% |
| 83  | 13.556 | 1907 | 1914 | 1925 | rBV  | 1060340 | 1680909 | 64.87% | 9.667% |
| 84  | 13.848 | 1955 | 1962 | 1972 | rBV  | 968711  | 1559848 | 60.20% | 8.971% |
| 85  | 14.062 | 1994 | 1997 | 2002 | rVB4 | 4762    | 6403    | 0.25%  | 0.037% |
| 86  | 14.184 | 2014 | 2017 | 2019 | rBV4 | 1758    | 2275    | 0.09%  | 0.013% |
| 87  | 14.324 | 2035 | 2040 | 2044 | rBV5 | 7439    | 13223   | 0.51%  | 0.076% |
| 88  | 14.519 | 2070 | 2072 | 2077 | rVB5 | 2460    | 3128    | 0.12%  | 0.018% |
| 89  | 14.622 | 2085 | 2089 | 2094 | rBV8 | 3745    | 6500    | 0.25%  | 0.037% |
| 90  | 14.659 | 2094 | 2095 | 2098 | rVB3 | 1670    | 1144    | 0.04%  | 0.007% |
| 91  | 14.787 | 2114 | 2116 | 2118 | rBV3 | 1323    | 1163    | 0.04%  | 0.007% |
| 92  | 14.879 | 2127 | 2131 | 2135 | rBV7 | 868     | 1329    | 0.05%  | 0.008% |
| 93  | 14.988 | 2148 | 2149 | 2152 | rBV3 | 1071    | 1064    | 0.04%  | 0.006% |
| 94  | 15.068 | 2160 | 2162 | 2167 | rVV5 | 1271    | 2085    | 0.08%  | 0.012% |
| 95  | 15.128 | 2167 | 2172 | 2177 | rVV8 | 4099    | 9318    | 0.36%  | 0.054% |
| 96  | 15.183 | 2177 | 2181 | 2184 | rVV6 | 1830    | 3032    | 0.12%  | 0.017% |
| 97  | 15.464 | 2224 | 2227 | 2228 | rBV3 | 1529    | 1377    | 0.05%  | 0.008% |
| 98  | 15.543 | 2236 | 2240 | 2241 | rBV4 | 3263    | 4116    | 0.16%  | 0.024% |
| 99  | 15.677 | 2261 | 2262 | 2265 | rVB3 | 1623    | 1149    | 0.04%  | 0.007% |
| 100 | 15.872 | 2292 | 2294 | 2297 | rVB4 | 1666    | 1597    | 0.06%  | 0.009% |

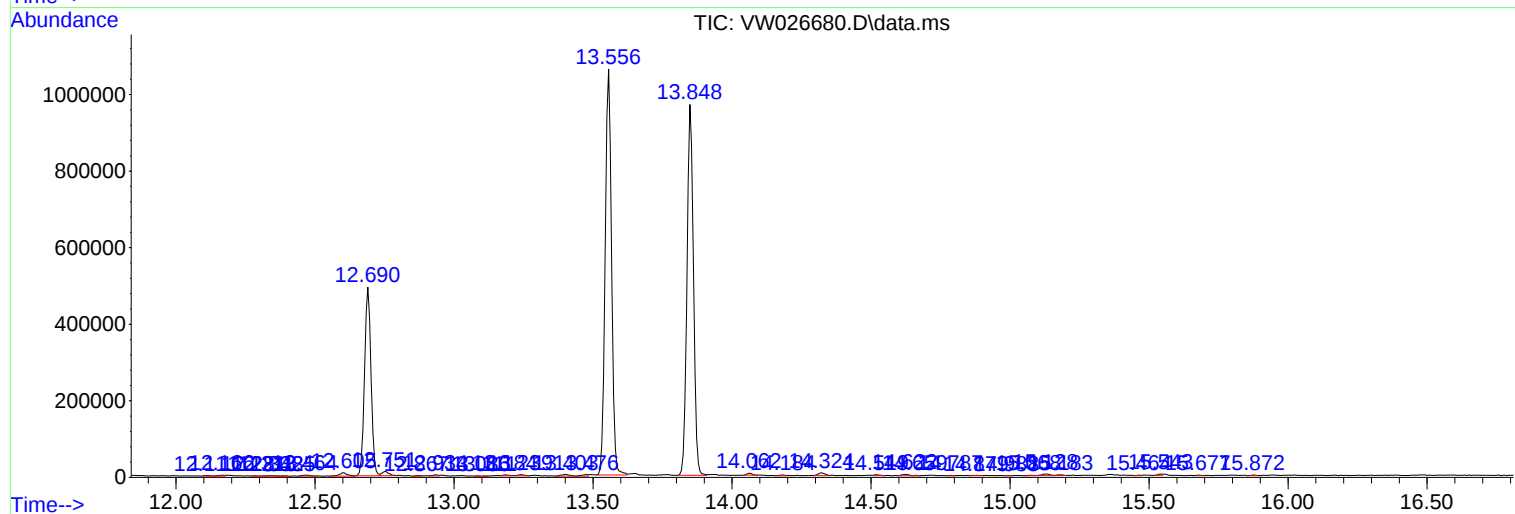
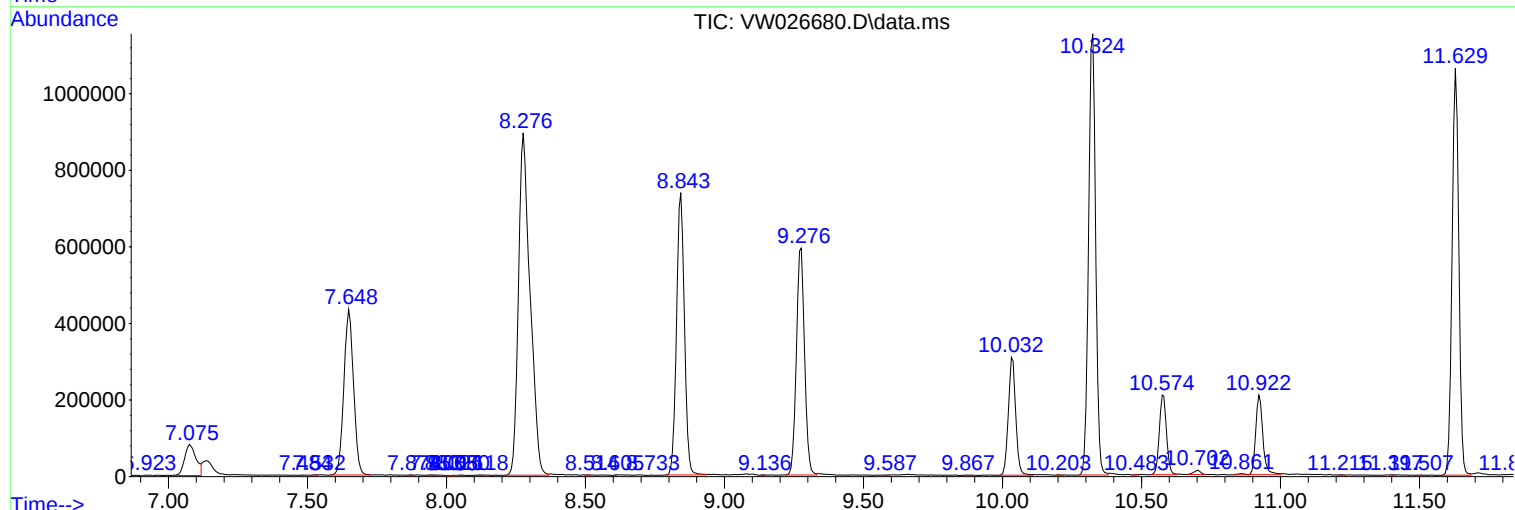
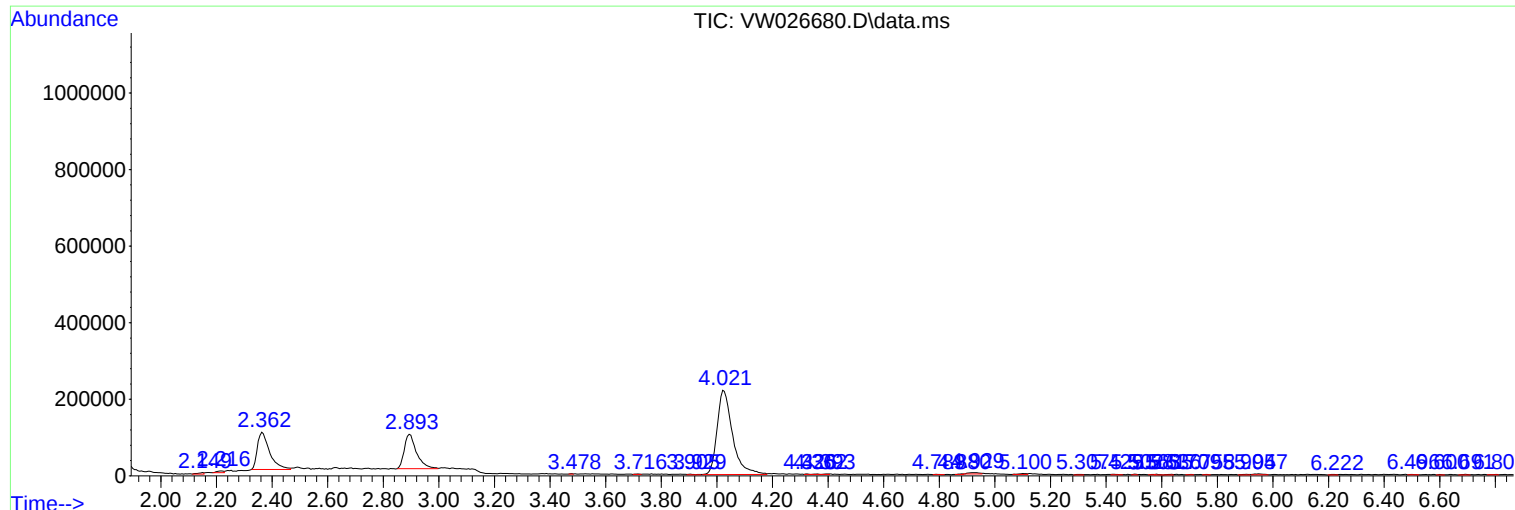
Sum of corrected areas: 17388213

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.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\VW081023\  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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 | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|