LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
Data File : VW009729.D
Acq On : 05 Apr 2019 13:41
Operator : SY/VA
Sample : K2277-01
Misc : 5.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF1J8

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\SOM2WLM040319S.M
Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.361 | 69 | 75 | 88 | rVB | 101019 | 232257 | 13.26% | 1.911% |
| 2 | 2.892 | 156 | 162 | 179 | rVB2 | 100670 | 281970 | 16.10% | 2.320% |
| 3 | 4.013 | 335 | 346 | 367 | rBV3 | 194020 | 690986 | 39.45% | 5.685% |
| 4 | 4.397 | 400 | 409 | 417 | rBV4 | 2958 | 8441 | 0.48% | 0.069% |
| 5 | 4.586 | 436 | 440 | 441 | rBV2 | 1423 | 1873 | 0.11% | 0.015% |
| 6 | 4.903 | 485 | 492 | 493 | rBV3 | 11674 | 19358 | 1.11% | 0.159% |
| 7 | 5.141 | 529 | 531 | 532 | rBV | 665 | 564 | 0.03% | 0.005% |
| 8 | 5.629 | 609 | 611 | 612 | rBV2 | 750 | 500 | 0.03% | 0.004% |
| 9 | 5.812 | 639 | 641 | 645 | rVB2 | 835 | 716 | 0.04% | 0.006% |
| 10 | 5.848 | 645 | 647 | 649 | rVB3 | 721 | 547 | 0.03% | 0.005% |
| 11 | 5.928 | 649 | 660 | 663 | rBV7 | 4413 | 11313 | 0.65% | 0.093% |
| 12 | 6.043 | 677 | 679 | 685 | rBV6 | 922 | 1601 | 0.09% | 0.013% |
| 13 | 6.104 | 687 | 689 | 690 | rBV2 | 546 | 498 | 0.03% | 0.004% |
| 14 | 6.208 | 704 | 706 | 708 | rVB2 | 1561 | 1058 | 0.06% | 0.009% |
| 15 | 6.238 | 708 | 711 | 714 | rBV2 | 865 | 946 | 0.05% | 0.008% |
| 16 | 6.348 | 727 | 729 | 733 | rVB3 | 756 | 931 | 0.05% | 0.008% |
| 17 | 6.385 | 733 | 735 | 736 | rBV | 891 | 445 | 0.03% | 0.004% |
| 18 | 6.403 | 736 | 738 | 740 | rBV3 | 738 | 687 | 0.04% | 0.006% |
| 19 | 6.476 | 747 | 750 | 752 | rVB | 963 | 1138 | 0.06% | 0.009% |
| 20 | 6.495 | 752 | 753 | 754 | rBV | 961 | 672 | 0.04% | 0.006% |
| 21 | 6.616 | 771 | 773 | 776 | rBV3 | 922 | 1101 | 0.06% | 0.009% |
| 22 | 6.647 | 776 | 778 | 781 | rBV | 911 | 818 | 0.05% | 0.007% |
| 23 | 6.903 | 818 | 820 | 821 | rBV | 678 | 398 | 0.02% | 0.003% |
| 24 | 6.933 | 821 | 825 | 827 | rBV3 | 767 | 778 | 0.04% | 0.006% |
| 25 | 7.080 | 840 | 849 | 868 | rBV | 49054 | 156497 | 8.93% | 1.288% |
| 26 | 7.275 | 880 | 881 | 883 | rVB2 | 939 | 442 | 0.03% | 0.004% |
| 27 | 7.452 | 909 | 910 | 913 | rVB2 | 834 | 487 | 0.03% | 0.004% |
| 28 | 7.494 | 915 | 917 | 918 | rBV2 | 810 | 797 | 0.05% | 0.007% |
| 29 | 7.647 | 931 | 942 | 954 | rVV | 365993 | 887394 | 50.66% | 7.301% |
| 30 | 7.817 | 968 | 970 | 972 | rVB3 | 999 | 761 | 0.04% | 0.006% |
| 31 | 7.866 | 974 | 978 | 979 | rBV4 | 610 | 843 | 0.05% | 0.007% |
| 32 | 7.994 | 997 | 999 | 1000 | rBV2 | 682 | 453 | 0.03% | 0.004% |
| 33 | 8.013 | 1000 | 1002 | 1004 | rVV3 | 732 | 595 | 0.03% | 0.005% |
| 34 | 8.055 | 1008 | 1009 | 1011 | rBV2 | 506 | 468 | 0.03% | 0.004% |

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Misc : 5.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF1J8

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\SOM2WLM040319S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.195 | 1029 | 1032 | 1033 | rBV | 821 | 738 | 0.04% | 0.006% |
| 36 | 8.275 | 1035 | 1045 | 1059 | rVV2 | 559586 | 1751510 | 100.00% | 14.411% |
| 37 | 8.500 | 1080 | 1082 | 1086 | rBV4 | 995 | 1520 | 0.09% | 0.013% |
| 38 | 8.537 | 1086 | 1088 | 1089 | rVV | 895 | 630 | 0.04% | 0.005% |
| 39 | 8.573 | 1092 | 1094 | 1095 | rBV2 | 894 | 657 | 0.04% | 0.005% |
| 40 | 8.689 | 1110 | 1113 | 1115 | rBV2 | 951 | 1109 | 0.06% | 0.009% |
| 41 | 8.842 | 1129 | 1138 | 1152 | rBV | 525719 | 1028444 | 58.72% | 8.462% |
| 42 | 9.275 | 1200 | 1209 | 1219 | rBV | 466609 | 940527 | 53.70% | 7.739% |
| 43 | 9.482 | 1242 | 1243 | 1247 | rBV3 | 869 | 1081 | 0.06% | 0.009% |
| 44 | 9.659 | 1269 | 1272 | 1273 | rBV2 | 1135 | 924 | 0.05% | 0.008% |
| 45 | 9.823 | 1297 | 1299 | 1300 | rBV | 1078 | 636 | 0.04% | 0.005% |
| 46 | 9.896 | 1305 | 1311 | 1313 | rBV5 | 1244 | 2559 | 0.15% | 0.021% |
| 47 | 9.921 | 1313 | 1315 | 1319 | rVB4 | 745 | 934 | 0.05% | 0.008% |
| 48 | 10.030 | 1326 | 1333 | 1341 | rBV | 181138 | 329849 | 18.83% | 2.714% |
| 49 | 10.323 | 1372 | 1381 | 1390 | rBV | 713887 | 1234510 | 70.48% | 10.157% |
| 50 | 10.433 | 1397 | 1399 | 1401 | rVB3 | 1386 | 988 | 0.06% | 0.008% |
| 51 | 10.579 | 1416 | 1423 | 1432 | rVB | 103183 | 184203 | 10.52% | 1.516% |
| 52 | 10.841 | 1464 | 1466 | 1467 | rBV2 | 1621 | 1228 | 0.07% | 0.010% |
| 53 | 10.927 | 1473 | 1480 | 1490 | rBV2 | 147270 | 266943 | 15.24% | 2.196% |
| 54 | 11.177 | 1520 | 1521 | 1524 | rVB2 | 886 | 809 | 0.05% | 0.007% |
| 55 | 11.207 | 1524 | 1526 | 1528 | rBV2 | 1103 | 905 | 0.05% | 0.007% |
| 56 | 11.268 | 1534 | 1536 | 1538 | rBV2 | 863 | 952 | 0.05% | 0.008% |
| 57 | 11.317 | 1542 | 1544 | 1546 | rBV2 | 625 | 617 | 0.04% | 0.005% |
| 58 | 11.402 | 1556 | 1558 | 1560 | rVB3 | 1934 | 1669 | 0.10% | 0.014% |
| 59 | 11.481 | 1569 | 1571 | 1573 | rBV3 | 775 | 505 | 0.03% | 0.004% |
| 60 | 11.628 | 1588 | 1595 | 1603 | rBV | 718511 | 1219587 | 69.63% | 10.035% |
| 61 | 11.859 | 1632 | 1633 | 1635 | rVV2 | 1325 | 617 | 0.04% | 0.005% |
| 62 | 11.908 | 1639 | 1641 | 1642 | rBV | 778 | 603 | 0.03% | 0.005% |
| 63 | 12.042 | 1661 | 1663 | 1667 | rVB3 | 778 | 769 | 0.04% | 0.006% |
| 64 | 12.109 | 1672 | 1674 | 1676 | rVV2 | 1066 | 703 | 0.04% | 0.006% |
| 65 | 12.134 | 1676 | 1678 | 1680 | rVB3 | 783 | 554 | 0.03% | 0.005% |
| 66 | 12.164 | 1681 | 1683 | 1687 | rVB4 | 1032 | 1106 | 0.06% | 0.009% |
| 67 | 12.237 | 1692 | 1695 | 1699 | rBV6 | 1372 | 1887 | 0.11% | 0.016% |
| 68 | 12.304 | 1704 | 1706 | 1709 | rBV4 | 538 | 558 | 0.03% | 0.005% |
| 69 | 12.408 | 1721 | 1723 | 1725 | rBV2 | 790 | 546 | 0.03% | 0.004% |
| 70 | 12.463 | 1730 | 1732 | 1733 | rBV2 | 1305 | 1349 | 0.08% | 0.011% |
| 71 | 12.542 | 1743 | 1745 | 1747 | rBV2 | 873 | 898 | 0.05% | 0.007% |

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Misc : 5.79G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF1J8

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\SOM2WLM040319S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.609 | 1751 | 1756 | 1763 | rVV3 | 10336 | 16550 | 0.94% | 0.136% |
| 73 | 12.695 | 1763 | 1770 | 1778 | rVV | 332854 | 554698 | 31.67% | 4.564% |
| 74 | 12.762 | 1778 | 1781 | 1787 | rVB7 | 995 | 1420 | 0.08% | 0.012% |
| 75 | 12.853 | 1793 | 1796 | 1799 | rBV4 | 1214 | 1450 | 0.08% | 0.012% |
| 76 | 12.884 | 1799 | 1801 | 1805 | rVB4 | 827 | 988 | 0.06% | 0.008% |
| 77 | 12.932 | 1805 | 1809 | 1810 | rBV4 | 1163 | 1278 | 0.07% | 0.011% |
| 78 | 12.969 | 1813 | 1815 | 1817 | rBV3 | 808 | 690 | 0.04% | 0.006% |
| 79 | 13.036 | 1824 | 1826 | 1828 | rVB2 | 975 | 802 | 0.05% | 0.007% |
| 80 | 13.054 | 1828 | 1829 | 1830 | rBV | 1111 | 490 | 0.03% | 0.004% |
| 81 | 13.103 | 1835 | 1837 | 1839 | rVV3 | 984 | 566 | 0.03% | 0.005% |
| 82 | 13.195 | 1850 | 1852 | 1855 | rBV3 | 810 | 991 | 0.06% | 0.008% |
| 83 | 13.274 | 1862 | 1865 | 1871 | rVB7 | 1376 | 2955 | 0.17% | 0.024% |
| 84 | 13.323 | 1871 | 1873 | 1876 | rVB2 | 726 | 592 | 0.03% | 0.005% |
| 85 | 13.402 | 1881 | 1886 | 1888 | rBV4 | 2034 | 2910 | 0.17% | 0.024% |
| 86 | 13.475 | 1892 | 1898 | 1900 | rBV5 | 3733 | 6066 | 0.35% | 0.050% |
| 87 | 13.560 | 1905 | 1912 | 1920 | rVV | 647044 | 1017468 | 58.09% | 8.372% |
| 88 | 13.646 | 1924 | 1926 | 1933 | rVB5 | 7253 | 11418 | 0.65% | 0.094% |
| 89 | 13.731 | 1938 | 1940 | 1941 | rVB2 | 1441 | 704 | 0.04% | 0.006% |
| 90 | 13.749 | 1941 | 1943 | 1945 | rBV2 | 749 | 775 | 0.04% | 0.006% |
| 91 | 13.853 | 1953 | 1960 | 1969 | rBV | 716516 | 1185182 | 67.67% | 9.752% |
| 92 | 14.079 | 1991 | 1997 | 2002 | rVB2 | 12013 | 21302 | 1.22% | 0.175% |
| 93 | 14.274 | 2027 | 2029 | 2030 | rBV2 | 776 | 688 | 0.04% | 0.006% |
| 94 | 14.530 | 2067 | 2071 | 2078 | rVB2 | 9506 | 15178 | 0.87% | 0.125% |
| 95 | 14.841 | 2120 | 2122 | 2123 | rBV2 | 938 | 566 | 0.03% | 0.005% |
| 96 | 14.859 | 2123 | 2125 | 2127 | rVB3 | 1410 | 806 | 0.05% | 0.007% |
| 97 | 15.505 | 2226 | 2231 | 2234 | rBV2 | 4560 | 7210 | 0.41% | 0.059% |
| 98 | 15.810 | 2275 | 2281 | 2288 | rBV8 | 2421 | 6123 | 0.35% | 0.050% |
| 99 | 16.340 | 2367 | 2368 | 2369 | rBV | 1082 | 542 | 0.03% | 0.004% |
| 100 | 16.761 | 2435 | 2437 | 2439 | rBV3 | 1558 | 1315 | 0.08% | 0.011% |

Sum of corrected areas: 12153680

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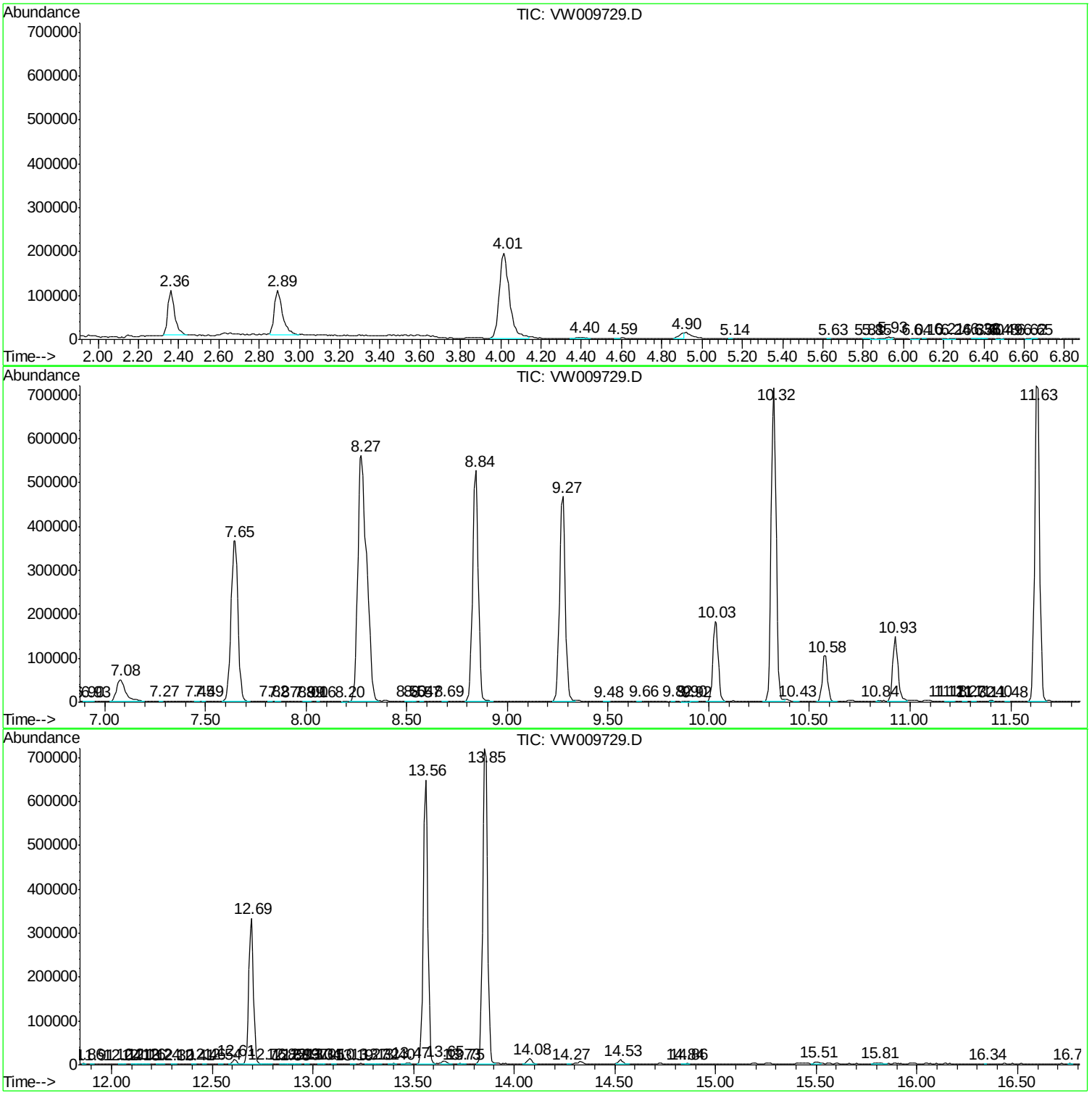
Misc : 5.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF1J8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
Data File : VW009729.D
Acq On : 05 Apr 2019 13:41
Operator : SY/VA
Sample : K2277-01
Misc : 5.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
BF1J8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

**********

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
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Misc : 5.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF1J8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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