

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061523\  
 Data File : VD076439.D  
 Acq On : 15 Jun 2023 15:27  
 Operator : KP/SY  
 Sample : VD0615SBL01  
 Misc : 5.00G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK131

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\SFAMDLM061523SMA.M  
 Title : SFAM01.0

Signal : TIC: VD076439.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         | 1.740       | 13            | 26          | 37           | rBV      | 593970         | 1183814       | 100.00%         | 14.033%       |
| 2         | 2.087       | 83            | 85          | 86           | rBV2     | 952            | 836           | 0.07%           | 0.010%        |
| 3         | 2.270       | 110           | 116         | 123          | rVB      | 178848         | 255417        | 21.58%          | 3.028%        |
| 4         | 2.793       | 200           | 205         | 213          | rVB      | 122829         | 225171        | 19.02%          | 2.669%        |
| 5         | 3.234       | 279           | 280         | 283          | rBV2     | 1637           | 1070          | 0.09%           | 0.013%        |
| 6         | 3.346       | 297           | 299         | 303          | rVB2     | 1010           | 1110          | 0.09%           | 0.013%        |
| 7         | 3.416       | 309           | 311         | 312          | rBV      | 1286           | 778           | 0.07%           | 0.009%        |
| 8         | 3.434       | 312           | 314         | 315          | rBV      | 1054           | 841           | 0.07%           | 0.010%        |
| 9         | 3.540       | 330           | 332         | 334          | rBV2     | 1708           | 1101          | 0.09%           | 0.013%        |
| 10        | 3.652       | 350           | 351         | 354          | rBV2     | 1050           | 812           | 0.07%           | 0.010%        |
| 11        | 3.769       | 369           | 371         | 373          | rBV2     | 1420           | 980           | 0.08%           | 0.012%        |
| 12        | 3.911       | 385           | 395         | 406          | rBV2     | 137670         | 360823        | 30.48%          | 4.277%        |
| 13        | 4.264       | 453           | 455         | 458          | rBV      | 1000           | 1337          | 0.11%           | 0.016%        |
| 14        | 4.287       | 458           | 459         | 462          | rVV3     | 1695           | 1592          | 0.13%           | 0.019%        |
| 15        | 4.487       | 491           | 493         | 496          | rBV2     | 1024           | 1159          | 0.10%           | 0.014%        |
| 16        | 4.675       | 521           | 525         | 529          | rVB      | 857            | 1184          | 0.10%           | 0.014%        |
| 17        | 4.722       | 529           | 533         | 534          | rBV2     | 987            | 1089          | 0.09%           | 0.013%        |
| 18        | 4.787       | 537           | 544         | 545          | rBV4     | 7065           | 10597         | 0.90%           | 0.126%        |
| 19        | 5.005       | 580           | 581         | 583          | rBV2     | 912            | 810           | 0.07%           | 0.010%        |
| 20        | 5.052       | 587           | 589         | 590          | rBV      | 1342           | 764           | 0.06%           | 0.009%        |
| 21        | 5.275       | 625           | 627         | 630          | rVB      | 914            | 844           | 0.07%           | 0.010%        |
| 22        | 5.316       | 630           | 634         | 638          | rBV2     | 1213           | 2229          | 0.19%           | 0.026%        |
| 23        | 5.375       | 641           | 644         | 647          | rBV2     | 1189           | 1333          | 0.11%           | 0.016%        |
| 24        | 5.399       | 647           | 648         | 651          | rBV      | 895            | 769           | 0.06%           | 0.009%        |
| 25        | 5.434       | 651           | 654         | 655          | rBV2     | 699            | 684           | 0.06%           | 0.008%        |
| 26        | 5.663       | 692           | 693         | 697          | rVB2     | 1700           | 1051          | 0.09%           | 0.012%        |
| 27        | 5.734       | 703           | 705         | 709          | rBV2     | 759            | 797           | 0.07%           | 0.009%        |
| 28        | 5.822       | 718           | 720         | 721          | rBV2     | 1611           | 1188          | 0.10%           | 0.014%        |
| 29        | 5.905       | 731           | 734         | 735          | rBV2     | 1371           | 845           | 0.07%           | 0.010%        |
| 30        | 5.999       | 748           | 750         | 751          | rBV2     | 930            | 748           | 0.06%           | 0.009%        |
| 31        | 6.169       | 777           | 779         | 780          | rBV2     | 1472           | 1198          | 0.10%           | 0.014%        |
| 32        | 6.269       | 793           | 796         | 797          | rVB      | 1186           | 751           | 0.06%           | 0.009%        |
| 33        | 6.293       | 797           | 800         | 805          | rBV2     | 643            | 1086          | 0.09%           | 0.013%        |
| 34        | 6.375       | 810           | 814         | 815          | rBV2     | 826            | 966           | 0.08%           | 0.011%        |
| 35        | 6.475       | 829           | 831         | 834          | rBV      | 611            | 629           | 0.05%           | 0.007%        |
| 36        | 6.534       | 839           | 841         | 844          | rVB2     | 908            | 812           | 0.07%           | 0.010%        |

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 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK131

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\SFAMDLM061523SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 6.563  | 844  | 846  | 848  | rBV  | 1662   | 1151    | 0.10%  | 0.014%  |
| 38 | 6.693  | 864  | 868  | 869  | rBV  | 1066   | 932     | 0.08%  | 0.011%  |
| 39 | 6.834  | 887  | 892  | 893  | rBV  | 573    | 1025    | 0.09%  | 0.012%  |
| 40 | 6.987  | 907  | 918  | 926  | rBV  | 26034  | 78799   | 6.66%  | 0.934%  |
| 41 | 7.175  | 948  | 950  | 951  | rBV  | 934    | 677     | 0.06%  | 0.008%  |
| 42 | 7.363  | 980  | 982  | 984  | rVB  | 1386   | 1030    | 0.09%  | 0.012%  |
| 43 | 7.405  | 988  | 989  | 992  | rVB  | 1595   | 753     | 0.06%  | 0.009%  |
| 44 | 7.434  | 992  | 994  | 996  | rBV2 | 889    | 991     | 0.08%  | 0.012%  |
| 45 | 7.569  | 1006 | 1017 | 1027 | rBV  | 152583 | 387445  | 32.73% | 4.593%  |
| 46 | 7.740  | 1044 | 1046 | 1049 | rVB2 | 1029   | 925     | 0.08%  | 0.011%  |
| 47 | 7.769  | 1049 | 1051 | 1052 | rBV  | 1354   | 1003    | 0.08%  | 0.012%  |
| 48 | 7.787  | 1052 | 1054 | 1056 | rVB  | 1188   | 680     | 0.06%  | 0.008%  |
| 49 | 7.952  | 1078 | 1082 | 1083 | rBV2 | 1102   | 1094    | 0.09%  | 0.013%  |
| 50 | 7.969  | 1083 | 1085 | 1088 | rVV2 | 848    | 935     | 0.08%  | 0.011%  |
| 51 | 8.093  | 1104 | 1106 | 1109 | rBV2 | 751    | 909     | 0.08%  | 0.011%  |
| 52 | 8.199  | 1114 | 1124 | 1139 | rBV2 | 356799 | 1040850 | 87.92% | 12.338% |
| 53 | 8.599  | 1188 | 1192 | 1193 | rBV  | 734    | 824     | 0.07%  | 0.010%  |
| 54 | 8.616  | 1193 | 1195 | 1198 | rVV  | 998    | 695     | 0.06%  | 0.008%  |
| 55 | 8.704  | 1207 | 1210 | 1211 | rBV2 | 946    | 925     | 0.08%  | 0.011%  |
| 56 | 8.775  | 1214 | 1222 | 1233 | rVB  | 295095 | 595977  | 50.34% | 7.065%  |
| 57 | 9.004  | 1259 | 1261 | 1262 | rBV2 | 1585   | 883     | 0.07%  | 0.010%  |
| 58 | 9.022  | 1262 | 1264 | 1265 | rVB  | 1429   | 777     | 0.07%  | 0.009%  |
| 59 | 9.110  | 1276 | 1279 | 1282 | rBV2 | 684    | 737     | 0.06%  | 0.009%  |
| 60 | 9.210  | 1287 | 1296 | 1307 | rBV  | 225067 | 459339  | 38.80% | 5.445%  |
| 61 | 9.340  | 1316 | 1318 | 1319 | rBV  | 950    | 710     | 0.06%  | 0.008%  |
| 62 | 9.404  | 1326 | 1329 | 1333 | rBV  | 616    | 818     | 0.07%  | 0.010%  |
| 63 | 9.640  | 1368 | 1369 | 1371 | rBV  | 866    | 905     | 0.08%  | 0.011%  |
| 64 | 9.699  | 1377 | 1379 | 1381 | rBV2 | 1122   | 930     | 0.08%  | 0.011%  |
| 65 | 9.775  | 1388 | 1392 | 1393 | rBV2 | 939    | 875     | 0.07%  | 0.010%  |
| 66 | 9.828  | 1397 | 1401 | 1409 | rVB4 | 3908   | 7238    | 0.61%  | 0.086%  |
| 67 | 9.981  | 1419 | 1427 | 1437 | rVV  | 132509 | 250368  | 21.15% | 2.968%  |
| 68 | 10.269 | 1468 | 1476 | 1485 | rBV  | 477172 | 857017  | 72.39% | 10.159% |
| 69 | 10.428 | 1502 | 1503 | 1505 | rBV  | 1150   | 821     | 0.07%  | 0.010%  |
| 70 | 10.457 | 1505 | 1508 | 1510 | rVV  | 1219   | 1602    | 0.14%  | 0.019%  |
| 71 | 10.475 | 1510 | 1511 | 1513 | rVV  | 1477   | 1123    | 0.09%  | 0.013%  |
| 72 | 10.528 | 1513 | 1520 | 1530 | rVB  | 84847  | 152515  | 12.88% | 1.808%  |
| 73 | 10.669 | 1536 | 1544 | 1551 | rVB  | 16166  | 31825   | 2.69%  | 0.377%  |
| 74 | 10.875 | 1573 | 1579 | 1590 | rVB  | 100591 | 162576  | 13.73% | 1.927%  |
| 75 | 11.028 | 1601 | 1605 | 1611 | rBV  | 7234   | 11492   | 0.97%  | 0.136%  |
| 76 | 11.110 | 1617 | 1619 | 1620 | rBV  | 931    | 707     | 0.06%  | 0.008%  |

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 Sample : VD0615SBL01  
 Misc : 5.00G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK131

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\SFAMDLM061523SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 11.351 | 1658 | 1660 | 1663 | rBV2 | 1652   | 1793   | 0.15%  | 0.021% |
| 78  | 11.404 | 1665 | 1669 | 1676 | rVB2 | 8638   | 14438  | 1.22%  | 0.171% |
| 79  | 11.581 | 1691 | 1699 | 1708 | rVV  | 402923 | 695896 | 58.78% | 8.249% |
| 80  | 11.745 | 1725 | 1727 | 1729 | rBV  | 1324   | 1450   | 0.12%  | 0.017% |
| 81  | 11.787 | 1732 | 1734 | 1735 | rBV  | 1209   | 957    | 0.08%  | 0.011% |
| 82  | 12.134 | 1791 | 1793 | 1794 | rBV  | 1516   | 998    | 0.08%  | 0.012% |
| 83  | 12.475 | 1849 | 1851 | 1856 | rVB2 | 1258   | 1557   | 0.13%  | 0.018% |
| 84  | 12.522 | 1857 | 1859 | 1861 | rVV2 | 1334   | 1398   | 0.12%  | 0.017% |
| 85  | 12.575 | 1864 | 1868 | 1874 | rVV3 | 11017  | 18803  | 1.59%  | 0.223% |
| 86  | 12.651 | 1874 | 1881 | 1888 | rVB  | 152350 | 258401 | 21.83% | 3.063% |
| 87  | 12.757 | 1897 | 1899 | 1902 | rVB3 | 1193   | 1088   | 0.09%  | 0.013% |
| 88  | 12.898 | 1921 | 1923 | 1924 | rBV  | 1246   | 825    | 0.07%  | 0.010% |
| 89  | 12.992 | 1936 | 1939 | 1940 | rBV  | 652    | 656    | 0.06%  | 0.008% |
| 90  | 13.145 | 1961 | 1965 | 1967 | rBV2 | 1260   | 1556   | 0.13%  | 0.018% |
| 91  | 13.439 | 2011 | 2015 | 2017 | rBV3 | 1738   | 3094   | 0.26%  | 0.037% |
| 92  | 13.516 | 2022 | 2028 | 2036 | rVV  | 411524 | 660711 | 55.81% | 7.832% |
| 93  | 13.816 | 2071 | 2079 | 2087 | rBV  | 378045 | 623671 | 52.68% | 7.393% |
| 94  | 13.898 | 2091 | 2093 | 2095 | rVB  | 1353   | 857    | 0.07%  | 0.010% |
| 95  | 13.922 | 2095 | 2097 | 2098 | rBV2 | 1997   | 1450   | 0.12%  | 0.017% |
| 96  | 13.981 | 2105 | 2107 | 2108 | rBV2 | 1048   | 838    | 0.07%  | 0.010% |
| 97  | 14.045 | 2115 | 2118 | 2126 | rVB3 | 8184   | 14001  | 1.18%  | 0.166% |
| 98  | 14.263 | 2153 | 2155 | 2156 | rBV  | 1263   | 953    | 0.08%  | 0.011% |
| 99  | 14.539 | 2200 | 2202 | 2203 | rBV  | 1139   | 814    | 0.07%  | 0.010% |
| 100 | 16.192 | 2481 | 2483 | 2485 | rBV  | 1696   | 1775   | 0.15%  | 0.021% |

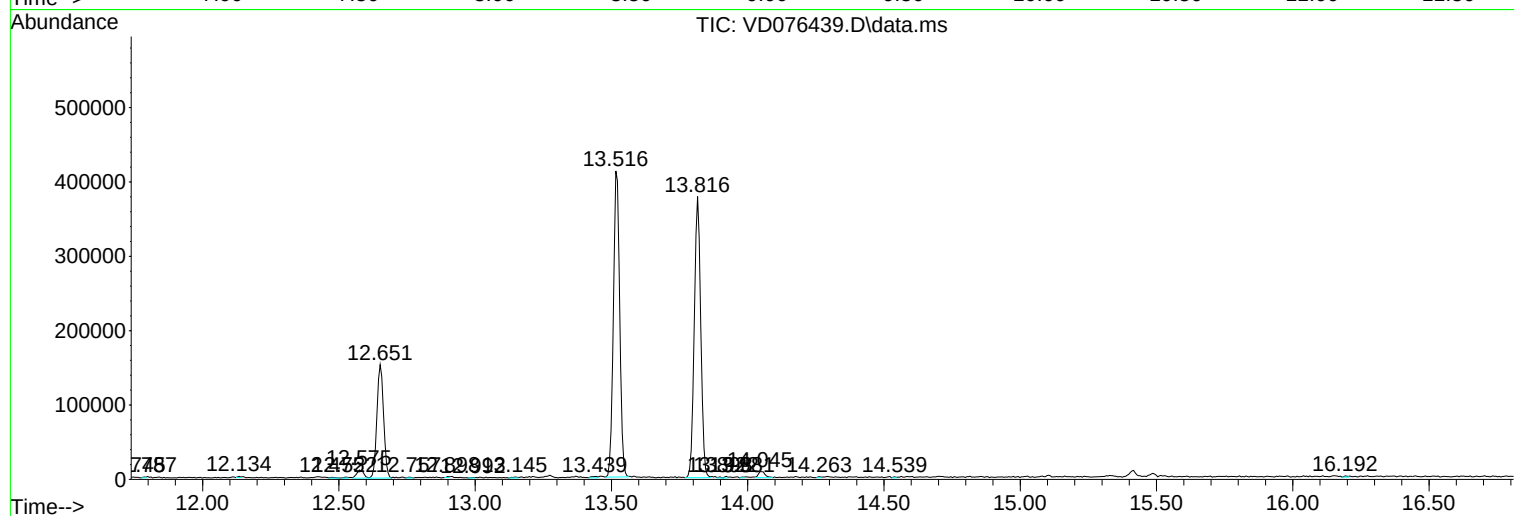
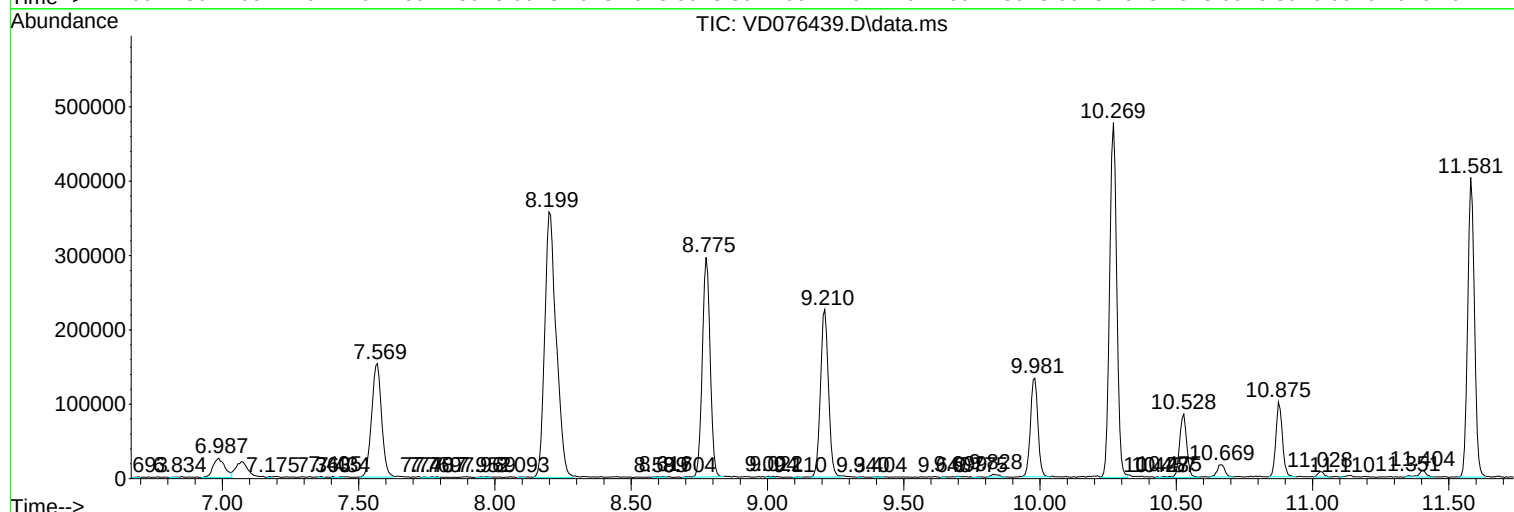
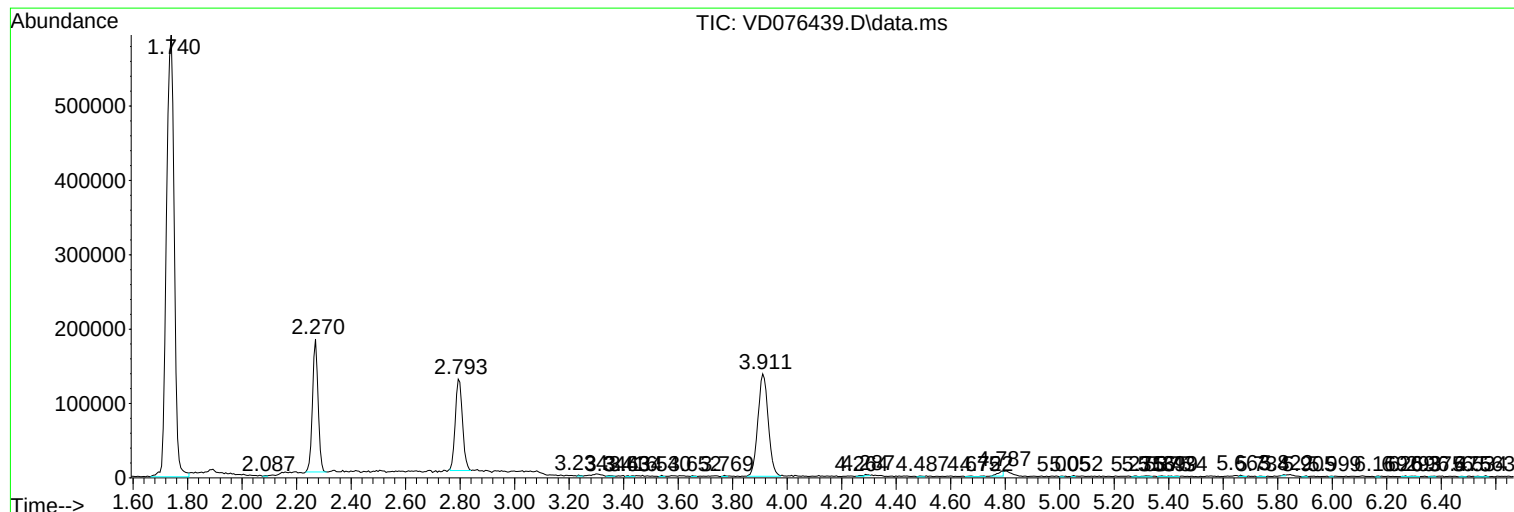
Sum of corrected areas: 8436073

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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VBLK131

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061523\  
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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
Quant Title : SFAM01.0

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

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