

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121823\  
 Data File : VD077944.D  
 Acq On : 18 Dec 2023 13:14  
 Operator : RP/MD  
 Sample : VD1218SBL01  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK182

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: VD077944.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         | 1.693       | 13            | 18          | 19           | rBV      | 4353           | 5138          | 0.53%           | 0.068%        |
| 2         | 1.740       | 20            | 26          | 34           | rVB      | 297841         | 503798        | 51.61%          | 6.712%        |
| 3         | 2.058       | 78            | 80          | 81           | rBV      | 1948           | 1267          | 0.13%           | 0.017%        |
| 4         | 2.275       | 107           | 117         | 128          | rBV      | 225679         | 332763        | 34.09%          | 4.434%        |
| 5         | 2.805       | 200           | 207         | 216          | rBV      | 153300         | 289503        | 29.66%          | 3.857%        |
| 6         | 3.364       | 300           | 302         | 303          | rBV      | 1398           | 848           | 0.09%           | 0.011%        |
| 7         | 3.470       | 319           | 320         | 324          | rBV2     | 1368           | 1148          | 0.12%           | 0.015%        |
| 8         | 3.922       | 386           | 397         | 411          | rBV      | 140624         | 367099        | 37.61%          | 4.891%        |
| 9         | 4.275       | 454           | 457         | 459          | rVV      | 914            | 1136          | 0.12%           | 0.015%        |
| 10        | 4.364       | 469           | 472         | 474          | rBV3     | 1336           | 1572          | 0.16%           | 0.021%        |
| 11        | 4.458       | 487           | 488         | 491          | rVB2     | 1109           | 991           | 0.10%           | 0.013%        |
| 12        | 4.805       | 537           | 547         | 557          | rBV4     | 15758          | 50329         | 5.16%           | 0.671%        |
| 13        | 5.105       | 596           | 598         | 601          | rVB2     | 912            | 1007          | 0.10%           | 0.013%        |
| 14        | 5.275       | 626           | 627         | 631          | rVB2     | 1396           | 1694          | 0.17%           | 0.023%        |
| 15        | 5.311       | 631           | 633         | 635          | rBV2     | 1588           | 1538          | 0.16%           | 0.020%        |
| 16        | 5.428       | 650           | 653         | 654          | rBV      | 1212           | 892           | 0.09%           | 0.012%        |
| 17        | 5.605       | 681           | 683         | 687          | rVB2     | 1075           | 1242          | 0.13%           | 0.017%        |
| 18        | 5.646       | 687           | 690         | 697          | rBV3     | 1596           | 2978          | 0.31%           | 0.040%        |
| 19        | 5.728       | 702           | 704         | 706          | rBV      | 1210           | 1298          | 0.13%           | 0.017%        |
| 20        | 6.016       | 751           | 753         | 754          | rBV      | 1037           | 957           | 0.10%           | 0.013%        |
| 21        | 6.063       | 759           | 761         | 764          | rVB3     | 1020           | 910           | 0.09%           | 0.012%        |
| 22        | 6.111       | 768           | 769         | 772          | rVV2     | 1547           | 1182          | 0.12%           | 0.016%        |
| 23        | 6.211       | 783           | 786         | 793          | rBV2     | 967            | 1910          | 0.20%           | 0.025%        |
| 24        | 6.258       | 793           | 794         | 798          | rVB2     | 996            | 1032          | 0.11%           | 0.014%        |
| 25        | 6.311       | 801           | 803         | 807          | rBV      | 1278           | 1729          | 0.18%           | 0.023%        |
| 26        | 6.505       | 832           | 836         | 837          | rVB      | 932            | 1120          | 0.11%           | 0.015%        |
| 27        | 6.516       | 837           | 838         | 839          | rBV      | 2122           | 902           | 0.09%           | 0.012%        |
| 28        | 6.552       | 842           | 844         | 846          | rBV      | 1028           | 889           | 0.09%           | 0.012%        |
| 29        | 6.663       | 860           | 863         | 865          | rBV      | 1441           | 1243          | 0.13%           | 0.017%        |
| 30        | 6.887       | 898           | 901         | 904          | rBV2     | 652            | 946           | 0.10%           | 0.013%        |
| 31        | 6.987       | 910           | 918         | 926          | rBV2     | 20058          | 57778         | 5.92%           | 0.770%        |
| 32        | 7.328       | 975           | 976         | 979          | rBV      | 1216           | 965           | 0.10%           | 0.013%        |
| 33        | 7.352       | 979           | 980         | 983          | rVB2     | 1270           | 1016          | 0.10%           | 0.014%        |
| 34        | 7.410       | 988           | 990         | 991          | rBV      | 1445           | 842           | 0.09%           | 0.011%        |
| 35        | 7.569       | 1006          | 1017        | 1029         | rBV      | 154374         | 401758        | 41.16%          | 5.353%        |
| 36        | 7.699       | 1037          | 1039        | 1041         | rBV2     | 1281           | 1017          | 0.10%           | 0.014%        |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK182

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 | 8.199  | 1115 | 1124 | 1144 | rVB2 | 331169 | 976133 | 100.00% | 13.006% |
| 38 | 8.446  | 1165 | 1166 | 1168 | rBV  | 1152   | 856    | 0.09%   | 0.011%  |
| 39 | 8.505  | 1173 | 1176 | 1177 | rBV  | 1138   | 1077   | 0.11%   | 0.014%  |
| 40 | 8.605  | 1191 | 1193 | 1195 | rBV2 | 821    | 887    | 0.09%   | 0.012%  |
| 41 | 8.775  | 1214 | 1222 | 1231 | rBV  | 247052 | 509218 | 52.17%  | 6.785%  |
| 42 | 8.869  | 1236 | 1238 | 1241 | rVB2 | 1367   | 1019   | 0.10%   | 0.014%  |
| 43 | 8.963  | 1253 | 1254 | 1257 | rVB2 | 1664   | 1022   | 0.10%   | 0.014%  |
| 44 | 9.128  | 1280 | 1282 | 1285 | rVB2 | 989    | 1003   | 0.10%   | 0.013%  |
| 45 | 9.157  | 1285 | 1287 | 1288 | rBV2 | 1150   | 934    | 0.10%   | 0.012%  |
| 46 | 9.210  | 1288 | 1296 | 1305 | rVV  | 202608 | 420206 | 43.05%  | 5.599%  |
| 47 | 9.652  | 1369 | 1371 | 1374 | rVV3 | 1372   | 1661   | 0.17%   | 0.022%  |
| 48 | 9.922  | 1416 | 1417 | 1419 | rBV  | 1036   | 1051   | 0.11%   | 0.014%  |
| 49 | 9.981  | 1419 | 1427 | 1435 | rVV2 | 116166 | 221564 | 22.70%  | 2.952%  |
| 50 | 10.110 | 1445 | 1449 | 1452 | rVB3 | 1428   | 1593   | 0.16%   | 0.021%  |
| 51 | 10.269 | 1468 | 1476 | 1485 | rBV  | 473321 | 845928 | 86.66%  | 11.271% |
| 52 | 10.446 | 1504 | 1506 | 1509 | rVB  | 1350   | 1310   | 0.13%   | 0.017%  |
| 53 | 10.528 | 1512 | 1520 | 1528 | rVV  | 78657  | 135914 | 13.92%  | 1.811%  |
| 54 | 10.581 | 1528 | 1529 | 1532 | rVB  | 1598   | 935    | 0.10%   | 0.012%  |
| 55 | 10.604 | 1532 | 1533 | 1535 | rVB2 | 1224   | 862    | 0.09%   | 0.011%  |
| 56 | 10.663 | 1537 | 1543 | 1550 | rVB3 | 28418  | 50452  | 5.17%   | 0.672%  |
| 57 | 10.881 | 1573 | 1580 | 1590 | rBV  | 89382  | 159150 | 16.30%  | 2.120%  |
| 58 | 10.987 | 1596 | 1598 | 1601 | rBV2 | 1060   | 889    | 0.09%   | 0.012%  |
| 59 | 11.034 | 1601 | 1606 | 1611 | rVV2 | 5743   | 9644   | 0.99%   | 0.128%  |
| 60 | 11.287 | 1647 | 1649 | 1650 | rBV  | 1974   | 1130   | 0.12%   | 0.015%  |
| 61 | 11.387 | 1664 | 1666 | 1668 | rBV2 | 1019   | 1006   | 0.10%   | 0.013%  |
| 62 | 11.404 | 1668 | 1669 | 1673 | rVB2 | 1875   | 1432   | 0.15%   | 0.019%  |
| 63 | 11.581 | 1692 | 1699 | 1708 | rBV  | 359019 | 628213 | 64.36%  | 8.370%  |
| 64 | 11.787 | 1732 | 1734 | 1737 | rVB2 | 1858   | 1332   | 0.14%   | 0.018%  |
| 65 | 11.893 | 1749 | 1752 | 1754 | rBV  | 1408   | 1471   | 0.15%   | 0.020%  |
| 66 | 11.910 | 1754 | 1755 | 1759 | rVB2 | 1195   | 1025   | 0.11%   | 0.014%  |
| 67 | 12.246 | 1811 | 1812 | 1816 | rBV2 | 1172   | 1294   | 0.13%   | 0.017%  |
| 68 | 12.387 | 1834 | 1836 | 1839 | rVB  | 1167   | 883    | 0.09%   | 0.012%  |
| 69 | 12.434 | 1839 | 1844 | 1847 | rBV3 | 2452   | 4356   | 0.45%   | 0.058%  |
| 70 | 12.487 | 1849 | 1853 | 1855 | rVV2 | 1180   | 1767   | 0.18%   | 0.024%  |
| 71 | 12.528 | 1858 | 1860 | 1861 | rBV  | 1317   | 1040   | 0.11%   | 0.014%  |
| 72 | 12.581 | 1863 | 1869 | 1874 | rVV  | 16410  | 25619  | 2.62%   | 0.341%  |
| 73 | 12.651 | 1874 | 1881 | 1889 | rVV  | 146960 | 245013 | 25.10%  | 3.264%  |
| 74 | 12.745 | 1895 | 1897 | 1898 | rBV  | 1324   | 855    | 0.09%   | 0.011%  |
| 75 | 12.804 | 1906 | 1907 | 1910 | rVB2 | 1574   | 943    | 0.10%   | 0.013%  |
| 76 | 13.004 | 1937 | 1941 | 1942 | rBV  | 1347   | 1312   | 0.13%   | 0.017%  |

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 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK182

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  | 13.057 | 1949 | 1950 | 1953 | rVB  | 1175   | 1087   | 0.11%  | 0.014% |
| 78  | 13.269 | 1982 | 1986 | 1987 | rBV  | 1721   | 1967   | 0.20%  | 0.026% |
| 79  | 13.375 | 2002 | 2004 | 2005 | rBV  | 1400   | 972    | 0.10%  | 0.013% |
| 80  | 13.522 | 2022 | 2029 | 2038 | rVB  | 340910 | 570695 | 58.46% | 7.604% |
| 81  | 13.740 | 2065 | 2066 | 2068 | rVB  | 1734   | 870    | 0.09%  | 0.012% |
| 82  | 13.763 | 2068 | 2070 | 2072 | rBV  | 1140   | 1053   | 0.11%  | 0.014% |
| 83  | 13.816 | 2072 | 2079 | 2088 | rVB  | 363506 | 587991 | 60.24% | 7.834% |
| 84  | 14.051 | 2114 | 2119 | 2125 | rBV2 | 7863   | 13293  | 1.36%  | 0.177% |
| 85  | 14.228 | 2148 | 2149 | 2151 | rBV  | 1375   | 1053   | 0.11%  | 0.014% |
| 86  | 14.340 | 2166 | 2168 | 2169 | rBV  | 1686   | 991    | 0.10%  | 0.013% |
| 87  | 14.381 | 2173 | 2175 | 2178 | rVB3 | 1198   | 1192   | 0.12%  | 0.016% |
| 88  | 14.498 | 2194 | 2195 | 2198 | rVB3 | 1696   | 1578   | 0.16%  | 0.021% |
| 89  | 14.540 | 2201 | 2202 | 2204 | rVV2 | 1577   | 1377   | 0.14%  | 0.018% |
| 90  | 14.916 | 2262 | 2266 | 2269 | rBV2 | 1136   | 1329   | 0.14%  | 0.018% |
| 91  | 15.163 | 2306 | 2308 | 2310 | rBV  | 2016   | 1457   | 0.15%  | 0.019% |
| 92  | 15.339 | 2332 | 2338 | 2341 | rVV3 | 2248   | 3065   | 0.31%  | 0.041% |
| 93  | 15.481 | 2360 | 2362 | 2367 | rBV4 | 2430   | 2857   | 0.29%  | 0.038% |
| 94  | 15.575 | 2377 | 2378 | 2380 | rBV  | 1623   | 1087   | 0.11%  | 0.014% |
| 95  | 15.763 | 2408 | 2410 | 2411 | rBV2 | 1404   | 969    | 0.10%  | 0.013% |
| 96  | 15.804 | 2415 | 2417 | 2420 | rBV2 | 1242   | 1412   | 0.14%  | 0.019% |
| 97  | 15.992 | 2447 | 2449 | 2451 | rBV3 | 1170   | 1191   | 0.12%  | 0.016% |
| 98  | 16.092 | 2465 | 2466 | 2469 | rVB  | 1667   | 982    | 0.10%  | 0.013% |
| 99  | 16.122 | 2469 | 2471 | 2473 | rBV3 | 1405   | 1506   | 0.15%  | 0.020% |
| 100 | 16.210 | 2485 | 2486 | 2489 | rBV2 | 1428   | 1018   | 0.10%  | 0.014% |

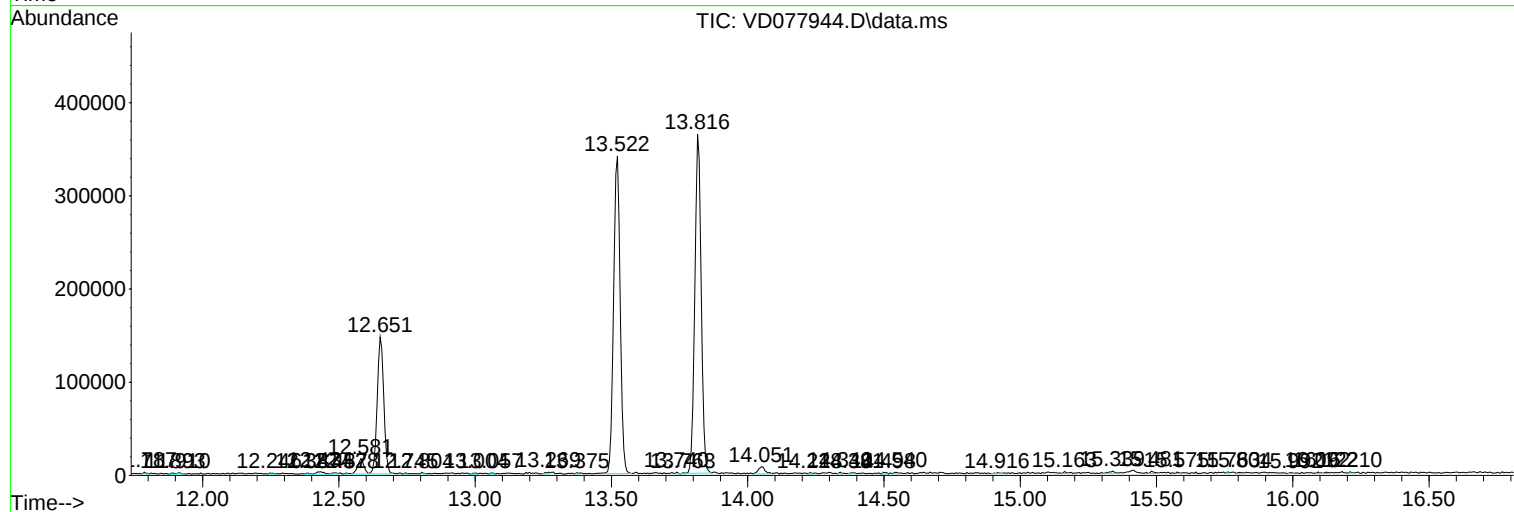
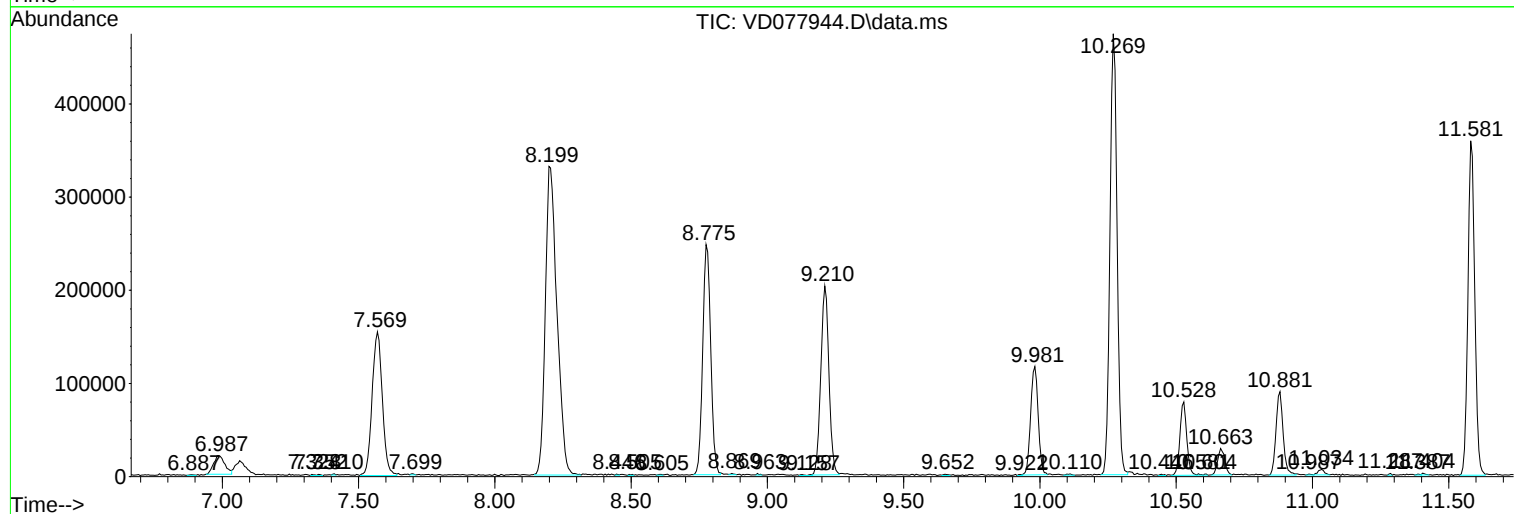
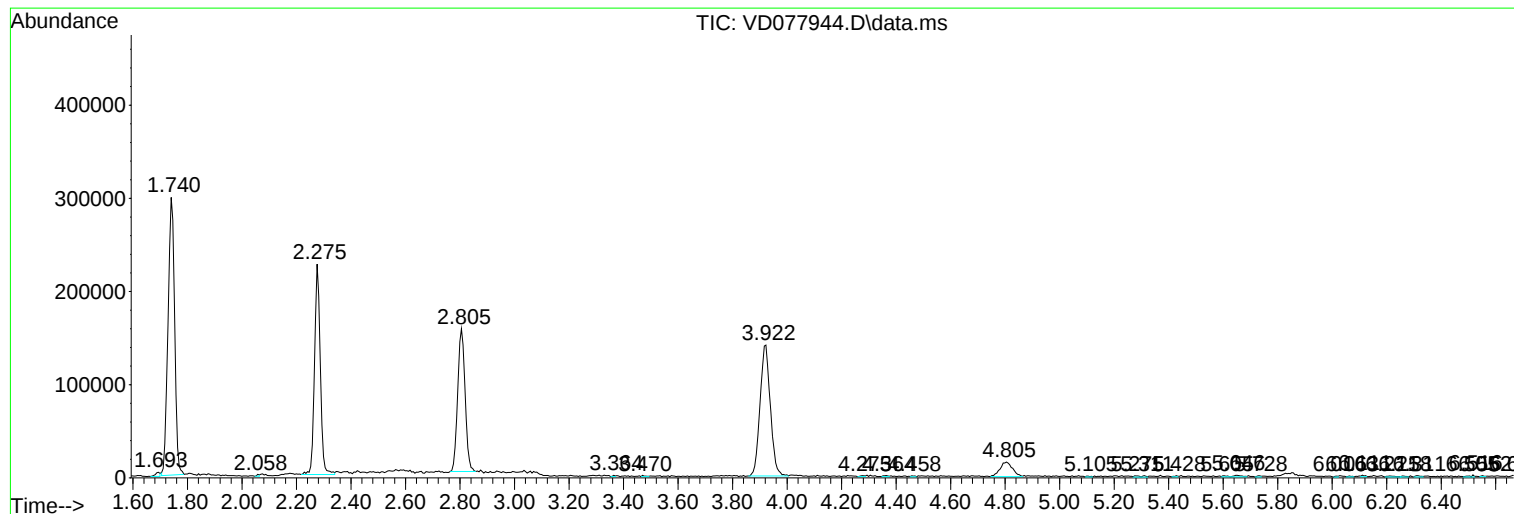
Sum of corrected areas: 7505428

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Instrument :  
MSVOA\_D  
ClientSampleId :  
VBLK182

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\VD121823\  
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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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TIC Integration Parameters: LSCINT.P

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

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