

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120423\  
 Data File : VD077740.D  
 Acq On : 04 Dec 2023 13:13  
 Operator : JC/SY  
 Sample : 04929-17  
 Misc : 3.02G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0AY8

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: VD077740.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          | 21           | rBV      | 30383          | 48665         | 1.66%           | 0.300%        |
| 2         | 1.746       | 21            | 27          | 36           | rVB      | 2129795        | 2940083       | 100.00%         | 18.133%       |
| 3         | 2.052       | 77            | 79          | 80           | rBV      | 3647           | 2961          | 0.10%           | 0.018%        |
| 4         | 2.075       | 80            | 83          | 85           | rVV3     | 8094           | 10672         | 0.36%           | 0.066%        |
| 5         | 2.187       | 91            | 102         | 104          | rBV2     | 12862          | 38519         | 1.31%           | 0.238%        |
| 6         | 2.281       | 113           | 118         | 125          | rVB      | 312224         | 455735        | 15.50%          | 2.811%        |
| 7         | 2.811       | 202           | 208         | 218          | rVB      | 235630         | 429467        | 14.61%          | 2.649%        |
| 8         | 3.305       | 288           | 292         | 294          | rBV2     | 4278           | 5840          | 0.20%           | 0.036%        |
| 9         | 3.693       | 356           | 358         | 359          | rBV      | 3281           | 1582          | 0.05%           | 0.010%        |
| 10        | 3.746       | 364           | 367         | 369          | rBV      | 2506           | 2349          | 0.08%           | 0.014%        |
| 11        | 3.922       | 388           | 397         | 409          | rBV      | 250330         | 655875        | 22.31%          | 4.045%        |
| 12        | 4.075       | 422           | 423         | 424          | rBV      | 3188           | 1570          | 0.05%           | 0.010%        |
| 13        | 4.111       | 427           | 429         | 432          | rVB2     | 1312           | 1127          | 0.04%           | 0.007%        |
| 14        | 4.175       | 438           | 440         | 446          | rVB2     | 2216           | 2628          | 0.09%           | 0.016%        |
| 15        | 4.487       | 492           | 493         | 495          | rVB      | 3590           | 1670          | 0.06%           | 0.010%        |
| 16        | 4.505       | 495           | 496         | 499          | rVB      | 2126           | 1764          | 0.06%           | 0.011%        |
| 17        | 4.534       | 499           | 501         | 503          | rBV      | 2353           | 1764          | 0.06%           | 0.011%        |
| 18        | 4.569       | 503           | 507         | 509          | rBV      | 2486           | 3485          | 0.12%           | 0.021%        |
| 19        | 4.634       | 516           | 518         | 519          | rBV2     | 1899           | 1212          | 0.04%           | 0.007%        |
| 20        | 4.681       | 522           | 526         | 527          | rVB      | 2126           | 2306          | 0.08%           | 0.014%        |
| 21        | 4.705       | 527           | 530         | 532          | rBV      | 2916           | 2877          | 0.10%           | 0.018%        |
| 22        | 4.752       | 532           | 538         | 540          | rBV      | 2477           | 3757          | 0.13%           | 0.023%        |
| 23        | 4.805       | 542           | 547         | 551          | rBV5     | 5827           | 13542         | 0.46%           | 0.084%        |
| 24        | 5.081       | 590           | 594         | 595          | rBV      | 2173           | 1645          | 0.06%           | 0.010%        |
| 25        | 5.099       | 595           | 597         | 599          | rVV2     | 1889           | 1381          | 0.05%           | 0.009%        |
| 26        | 5.122       | 599           | 601         | 605          | rVB      | 2551           | 2752          | 0.09%           | 0.017%        |
| 27        | 5.158       | 605           | 607         | 609          | rBV2     | 1677           | 1964          | 0.07%           | 0.012%        |
| 28        | 5.199       | 612           | 614         | 615          | rVB2     | 2319           | 1262          | 0.04%           | 0.008%        |
| 29        | 5.228       | 616           | 619         | 620          | rBV      | 2377           | 1646          | 0.06%           | 0.010%        |
| 30        | 5.269       | 625           | 626         | 628          | rBV      | 2849           | 1561          | 0.05%           | 0.010%        |
| 31        | 5.287       | 628           | 629         | 630          | rBV      | 2182           | 1025          | 0.03%           | 0.006%        |
| 32        | 5.322       | 633           | 635         | 637          | rBV2     | 1802           | 2027          | 0.07%           | 0.013%        |
| 33        | 5.340       | 637           | 638         | 640          | rVB2     | 2336           | 1587          | 0.05%           | 0.010%        |
| 34        | 5.364       | 640           | 642         | 645          | rBV2     | 1163           | 959           | 0.03%           | 0.006%        |
| 35        | 5.393       | 645           | 647         | 648          | rBV      | 2052           | 1356          | 0.05%           | 0.008%        |
| 36        | 5.446       | 655           | 656         | 658          | rVB      | 1731           | 1174          | 0.04%           | 0.007%        |

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 MSVOA\_D  
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 C0AY8

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 | 5.481 | 658 | 662 | 663 | rBV2 | 1892 | 2644 | 0.09% | 0.016% |
| 38 | 5.511 | 665 | 667 | 669 | rBV2 | 1634 | 1744 | 0.06% | 0.011% |
| 39 | 5.569 | 676 | 677 | 678 | rBV  | 1903 | 673  | 0.02% | 0.004% |
| 40 | 5.587 | 678 | 680 | 681 | rBV  | 1263 | 936  | 0.03% | 0.006% |

|    |       |     |     |     |     |      |      |       |        |
|----|-------|-----|-----|-----|-----|------|------|-------|--------|
| 41 | 5.728 | 702 | 704 | 705 | rVB | 2494 | 1304 | 0.04% | 0.008% |
| 42 | 5.746 | 705 | 707 | 708 | rBV | 2037 | 1379 | 0.05% | 0.009% |
| 43 | 5.828 | 719 | 721 | 725 | rVB | 2879 | 3187 | 0.11% | 0.020% |
| 44 | 5.858 | 725 | 726 | 729 | rBV | 3189 | 1968 | 0.07% | 0.012% |
| 45 | 5.952 | 738 | 742 | 745 | rVB | 2437 | 3439 | 0.12% | 0.021% |

|    |       |     |     |     |      |      |      |       |        |
|----|-------|-----|-----|-----|------|------|------|-------|--------|
| 46 | 5.993 | 747 | 749 | 751 | rVV  | 1577 | 1333 | 0.05% | 0.008% |
| 47 | 6.022 | 753 | 754 | 755 | rVB  | 3467 | 1240 | 0.04% | 0.008% |
| 48 | 6.111 | 768 | 769 | 773 | rBV  | 2335 | 2591 | 0.09% | 0.016% |
| 49 | 6.187 | 781 | 782 | 784 | rBV2 | 2621 | 2497 | 0.08% | 0.015% |
| 50 | 6.299 | 799 | 801 | 802 | rBV  | 2420 | 1757 | 0.06% | 0.011% |

|    |       |     |     |     |     |      |      |       |        |
|----|-------|-----|-----|-----|-----|------|------|-------|--------|
| 51 | 6.399 | 816 | 818 | 819 | rBV | 3375 | 2647 | 0.09% | 0.016% |
| 52 | 6.440 | 822 | 825 | 826 | rVV | 2414 | 2362 | 0.08% | 0.015% |
| 53 | 6.458 | 826 | 828 | 829 | rVB | 2526 | 1160 | 0.04% | 0.007% |
| 54 | 6.475 | 829 | 831 | 833 | rBV | 2104 | 2058 | 0.07% | 0.013% |
| 55 | 6.663 | 860 | 863 | 865 | rBV | 3349 | 2455 | 0.08% | 0.015% |

|    |       |     |     |     |      |       |        |       |        |
|----|-------|-----|-----|-----|------|-------|--------|-------|--------|
| 56 | 6.734 | 874 | 875 | 876 | rBV  | 1866  | 1011   | 0.03% | 0.006% |
| 57 | 6.863 | 893 | 897 | 898 | rBV  | 2624  | 3313   | 0.11% | 0.020% |
| 58 | 6.928 | 907 | 908 | 909 | rBV  | 3108  | 1958   | 0.07% | 0.012% |
| 59 | 6.993 | 909 | 919 | 926 | rVV  | 41138 | 117783 | 4.01% | 0.726% |
| 60 | 7.281 | 967 | 968 | 970 | rBV2 | 2766  | 2051   | 0.07% | 0.013% |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 61 | 7.575 | 1006 | 1018 | 1029 | rBV  | 288675 | 737784 | 25.09% | 4.550% |
| 62 | 7.875 | 1067 | 1069 | 1070 | rBV2 | 2398   | 1407   | 0.05%  | 0.009% |
| 63 | 7.893 | 1070 | 1072 | 1076 | rVB2 | 2520   | 2031   | 0.07%  | 0.013% |
| 64 | 8.028 | 1094 | 1095 | 1096 | rBV  | 2271   | 974    | 0.03%  | 0.006% |
| 65 | 8.110 | 1107 | 1109 | 1112 | rVB  | 3876   | 3904   | 0.13%  | 0.024% |

|    |       |      |      |      |      |        |         |        |         |
|----|-------|------|------|------|------|--------|---------|--------|---------|
| 66 | 8.205 | 1116 | 1125 | 1144 | rVV2 | 612831 | 1799530 | 61.21% | 11.099% |
| 67 | 8.357 | 1149 | 1151 | 1152 | rBV  | 4932   | 2309    | 0.08%  | 0.014%  |
| 68 | 8.410 | 1158 | 1160 | 1161 | rBV  | 3308   | 2534    | 0.09%  | 0.016%  |
| 69 | 8.781 | 1214 | 1223 | 1235 | rBV  | 541268 | 1090433 | 37.09% | 6.725%  |
| 70 | 9.081 | 1272 | 1274 | 1276 | rVB  | 3215   | 2142    | 0.07%  | 0.013%  |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 71 | 9.104 | 1276 | 1278 | 1280 | rBV  | 3454   | 2933   | 0.10%  | 0.018% |
| 72 | 9.210 | 1288 | 1296 | 1306 | rBV  | 385265 | 820968 | 27.92% | 5.063% |
| 73 | 9.504 | 1344 | 1346 | 1350 | rBV  | 2996   | 4899   | 0.17%  | 0.030% |
| 74 | 9.687 | 1375 | 1377 | 1378 | rBV2 | 2821   | 2249   | 0.08%  | 0.014% |
| 75 | 9.981 | 1420 | 1427 | 1438 | rVB  | 227606 | 417317 | 14.19% | 2.574% |

|    |        |      |      |      |     |      |      |       |        |
|----|--------|------|------|------|-----|------|------|-------|--------|
| 76 | 10.163 | 1456 | 1458 | 1459 | rBV | 2110 | 1250 | 0.04% | 0.008% |
|----|--------|------|------|------|-----|------|------|-------|--------|

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0AY8

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 | 10.181 | 1459 | 1461 | 1462 | rBV  | 3664   | 2700    | 0.09%  | 0.017%  |
| 78 | 10.269 | 1469 | 1476 | 1485 | rBV  | 809915 | 1474384 | 50.15% | 9.093%  |
| 79 | 10.528 | 1514 | 1520 | 1527 | rBV  | 142634 | 242395  | 8.24%  | 1.495%  |
| 80 | 10.669 | 1537 | 1544 | 1549 | rBV2 | 24704  | 46429   | 1.58%  | 0.286%  |
| 81 | 10.881 | 1573 | 1580 | 1587 | rBV  | 178337 | 311149  | 10.58% | 1.919%  |
| 82 | 11.587 | 1692 | 1700 | 1717 | rBV2 | 760756 | 2199428 | 74.81% | 13.565% |
| 83 | 11.740 | 1722 | 1726 | 1728 | rBV  | 3111   | 2980    | 0.10%  | 0.018%  |
| 84 | 12.116 | 1788 | 1790 | 1791 | rBV  | 2566   | 1725    | 0.06%  | 0.011%  |
| 85 | 12.581 | 1863 | 1869 | 1873 | rBV3 | 27753  | 46792   | 1.59%  | 0.289%  |
| 86 | 12.651 | 1875 | 1881 | 1890 | rVB  | 257335 | 412532  | 14.03% | 2.544%  |
| 87 | 12.851 | 1912 | 1915 | 1918 | rBV2 | 4522   | 6531    | 0.22%  | 0.040%  |
| 88 | 12.934 | 1924 | 1929 | 1934 | rBV4 | 6613   | 12807   | 0.44%  | 0.079%  |
| 89 | 13.463 | 2014 | 2019 | 2023 | rBV  | 26369  | 41304   | 1.40%  | 0.255%  |
| 90 | 13.522 | 2023 | 2029 | 2040 | rVB2 | 494093 | 885672  | 30.12% | 5.462%  |
| 91 | 13.740 | 2063 | 2066 | 2067 | rBV  | 4557   | 4840    | 0.16%  | 0.030%  |
| 92 | 13.816 | 2072 | 2079 | 2087 | rVV  | 440058 | 752607  | 25.60% | 4.642%  |
| 93 | 14.598 | 2210 | 2212 | 2214 | rBV  | 4672   | 3625    | 0.12%  | 0.022%  |
| 94 | 15.098 | 2292 | 2297 | 2303 | rVB2 | 35301  | 60129   | 2.05%  | 0.371%  |

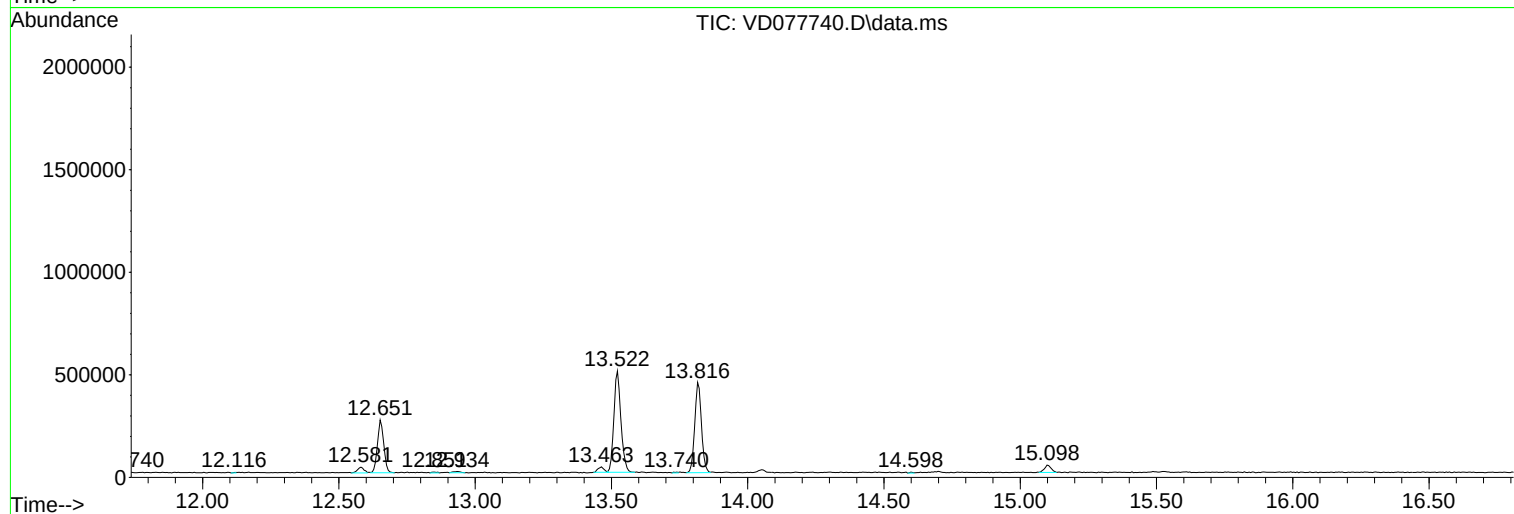
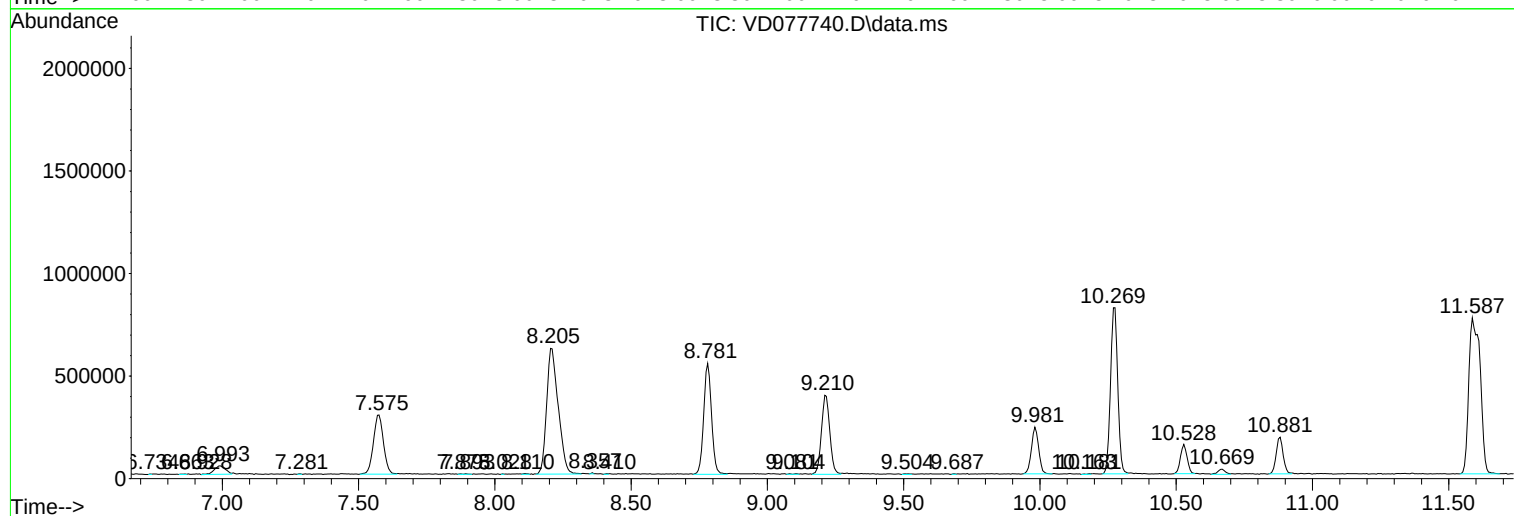
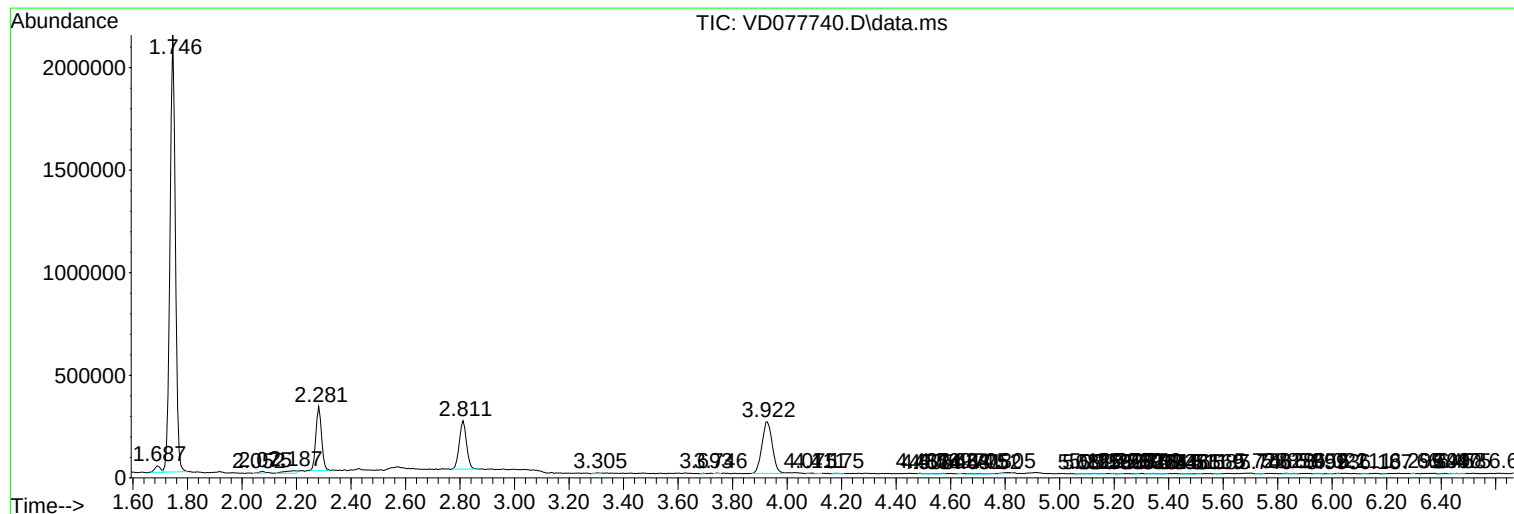
Sum of corrected areas: 16213972

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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\VD120423\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
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TIC Library : C:\Database\NIST20.L  
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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 | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|