

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120423\  
 Data File : VD077741.D  
 Acq On : 04 Dec 2023 14:05  
 Operator : JC/SY  
 Sample : VIBLK128  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK128

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: VD077741.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       | 14            | 18          | 21           | rBV      | 32709          | 45843         | 4.89%           | 0.544%        |
| 2         | 1.746       | 21            | 27          | 36           | rVB      | 621030         | 938254        | 100.00%         | 11.127%       |
| 3         | 2.281       | 114           | 118         | 126          | rVB      | 133988         | 194643        | 20.75%          | 2.308%        |
| 4         | 2.811       | 203           | 208         | 217          | rVB      | 104736         | 199438        | 21.26%          | 2.365%        |
| 5         | 3.222       | 276           | 278         | 280          | rVB      | 3143           | 2229          | 0.24%           | 0.026%        |
| 6         | 3.246       | 280           | 282         | 286          | rBV4     | 2549           | 3156          | 0.34%           | 0.037%        |
| 7         | 3.469       | 318           | 320         | 322          | rBV      | 3468           | 2276          | 0.24%           | 0.027%        |
| 8         | 3.487       | 322           | 323         | 325          | rBV      | 2355           | 2050          | 0.22%           | 0.024%        |
| 9         | 3.558       | 333           | 335         | 337          | rBV2     | 2584           | 1821          | 0.19%           | 0.022%        |
| 10        | 3.587       | 337           | 340         | 341          | rVB      | 2129           | 1521          | 0.16%           | 0.018%        |
| 11        | 3.658       | 350           | 352         | 354          | rBV      | 2508           | 2501          | 0.27%           | 0.030%        |
| 12        | 3.728       | 362           | 364         | 365          | rBV      | 1787           | 1368          | 0.15%           | 0.016%        |
| 13        | 3.928       | 390           | 398         | 410          | rVB      | 117806         | 313285        | 33.39%          | 3.715%        |
| 14        | 4.146       | 432           | 435         | 436          | rBV      | 1963           | 1342          | 0.14%           | 0.016%        |
| 15        | 4.187       | 441           | 442         | 444          | rVB      | 4064           | 1757          | 0.19%           | 0.021%        |
| 16        | 4.205       | 444           | 445         | 446          | rBV      | 2070           | 956           | 0.10%           | 0.011%        |
| 17        | 4.287       | 455           | 459         | 461          | rBV      | 3832           | 5005          | 0.53%           | 0.059%        |
| 18        | 4.346       | 468           | 469         | 470          | rBV      | 1798           | 793           | 0.08%           | 0.009%        |
| 19        | 4.364       | 470           | 472         | 475          | rVV      | 2826           | 2305          | 0.25%           | 0.027%        |
| 20        | 4.534       | 500           | 501         | 502          | rBV      | 1839           | 925           | 0.10%           | 0.011%        |
| 21        | 4.599       | 510           | 512         | 514          | rVB      | 4359           | 3130          | 0.33%           | 0.037%        |
| 22        | 4.622       | 514           | 516         | 518          | rBV      | 3902           | 3866          | 0.41%           | 0.046%        |
| 23        | 4.740       | 534           | 536         | 537          | rBV      | 2218           | 1563          | 0.17%           | 0.019%        |
| 24        | 4.769       | 539           | 541         | 542          | rVV2     | 4096           | 3544          | 0.38%           | 0.042%        |
| 25        | 4.816       | 542           | 549         | 555          | rVV5     | 11516          | 31495         | 3.36%           | 0.374%        |
| 26        | 4.893       | 559           | 562         | 565          | rVB      | 3633           | 4075          | 0.43%           | 0.048%        |
| 27        | 4.928       | 565           | 568         | 569          | rBV      | 3602           | 2591          | 0.28%           | 0.031%        |
| 28        | 4.946       | 569           | 571         | 572          | rBV2     | 1913           | 1255          | 0.13%           | 0.015%        |
| 29        | 4.999       | 577           | 580         | 582          | rBV2     | 2147           | 2654          | 0.28%           | 0.031%        |
| 30        | 5.075       | 591           | 593         | 594          | rBV      | 2371           | 1553          | 0.17%           | 0.018%        |
| 31        | 5.093       | 594           | 596         | 599          | rVB      | 2104           | 2134          | 0.23%           | 0.025%        |
| 32        | 5.122       | 599           | 601         | 602          | rBV2     | 2512           | 1322          | 0.14%           | 0.016%        |
| 33        | 5.140       | 602           | 604         | 605          | rVB      | 1840           | 904           | 0.10%           | 0.011%        |
| 34        | 5.181       | 610           | 611         | 614          | rVB2     | 1947           | 1282          | 0.14%           | 0.015%        |
| 35        | 5.216       | 614           | 617         | 620          | rVB      | 2891           | 3458          | 0.37%           | 0.041%        |
| 36        | 5.252       | 620           | 623         | 625          | rBV2     | 2487           | 3315          | 0.35%           | 0.039%        |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK128

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 | 5.293 | 629  | 630  | 631  | rBV  | 2788   | 1648   | 0.18%  | 0.020%  |
| 38 | 5.328 | 634  | 636  | 640  | rVB2 | 2993   | 4375   | 0.47%  | 0.052%  |
| 39 | 5.387 | 642  | 646  | 648  | rBV  | 3008   | 4692   | 0.50%  | 0.056%  |
| 40 | 5.440 | 653  | 655  | 656  | rBV  | 2593   | 1382   | 0.15%  | 0.016%  |
| 41 | 5.499 | 663  | 665  | 666  | rBV  | 1897   | 1779   | 0.19%  | 0.021%  |
| 42 | 5.540 | 671  | 672  | 674  | rBV2 | 1967   | 1607   | 0.17%  | 0.019%  |
| 43 | 5.563 | 674  | 676  | 677  | rVB  | 1477   | 735    | 0.08%  | 0.009%  |
| 44 | 5.575 | 677  | 678  | 679  | rBV  | 3198   | 1174   | 0.13%  | 0.014%  |
| 45 | 5.593 | 679  | 681  | 684  | rBV  | 2291   | 2925   | 0.31%  | 0.035%  |
| 46 | 5.681 | 694  | 696  | 697  | rBV  | 3071   | 1690   | 0.18%  | 0.020%  |
| 47 | 5.716 | 701  | 702  | 703  | rVB  | 2899   | 1023   | 0.11%  | 0.012%  |
| 48 | 5.734 | 703  | 705  | 710  | rBV2 | 2314   | 3037   | 0.32%  | 0.036%  |
| 49 | 5.769 | 710  | 711  | 712  | rBV  | 2023   | 732    | 0.08%  | 0.009%  |
| 50 | 5.822 | 716  | 720  | 721  | rBV2 | 1533   | 1992   | 0.21%  | 0.024%  |
| 51 | 5.934 | 737  | 739  | 740  | rBV  | 1891   | 1758   | 0.19%  | 0.021%  |
| 52 | 6.005 | 750  | 751  | 754  | rBV  | 2108   | 2166   | 0.23%  | 0.026%  |
| 53 | 6.240 | 787  | 791  | 795  | rBV2 | 3140   | 6175   | 0.66%  | 0.073%  |
| 54 | 6.310 | 801  | 803  | 805  | rBV  | 2712   | 2137   | 0.23%  | 0.025%  |
| 55 | 6.458 | 823  | 828  | 831  | rBV  | 3619   | 6235   | 0.66%  | 0.074%  |
| 56 | 6.728 | 871  | 874  | 875  | rBV  | 2677   | 2383   | 0.25%  | 0.028%  |
| 57 | 6.869 | 896  | 898  | 900  | rBV  | 2576   | 2304   | 0.25%  | 0.027%  |
| 58 | 6.893 | 900  | 902  | 903  | rVB  | 2509   | 1192   | 0.13%  | 0.014%  |
| 59 | 6.993 | 912  | 919  | 925  | rBV3 | 21638  | 58227  | 6.21%  | 0.691%  |
| 60 | 7.210 | 954  | 956  | 957  | rBV2 | 3251   | 1434   | 0.15%  | 0.017%  |
| 61 | 7.287 | 967  | 969  | 970  | rVB  | 2228   | 866    | 0.09%  | 0.010%  |
| 62 | 7.363 | 980  | 982  | 984  | rVB2 | 2614   | 1445   | 0.15%  | 0.017%  |
| 63 | 7.499 | 1003 | 1005 | 1006 | rBV  | 2903   | 1490   | 0.16%  | 0.018%  |
| 64 | 7.569 | 1008 | 1017 | 1026 | rVV  | 144568 | 374184 | 39.88% | 4.438%  |
| 65 | 8.005 | 1089 | 1091 | 1093 | rBV2 | 3481   | 3829   | 0.41%  | 0.045%  |
| 66 | 8.069 | 1100 | 1102 | 1103 | rBV  | 2950   | 2005   | 0.21%  | 0.024%  |
| 67 | 8.104 | 1107 | 1108 | 1109 | rBV  | 2800   | 1109   | 0.12%  | 0.013%  |
| 68 | 8.205 | 1116 | 1125 | 1141 | rVB2 | 316354 | 905258 | 96.48% | 10.736% |
| 69 | 8.452 | 1166 | 1167 | 1170 | rVB  | 4332   | 2322   | 0.25%  | 0.028%  |
| 70 | 8.622 | 1194 | 1196 | 1197 | rVB  | 2159   | 887    | 0.09%  | 0.011%  |
| 71 | 8.781 | 1214 | 1223 | 1232 | rBV  | 362848 | 741797 | 79.06% | 8.797%  |
| 72 | 8.963 | 1253 | 1254 | 1257 | rBV  | 3586   | 3688   | 0.39%  | 0.044%  |
| 73 | 9.057 | 1268 | 1270 | 1273 | rBV2 | 2487   | 1752   | 0.19%  | 0.021%  |
| 74 | 9.140 | 1283 | 1284 | 1285 | rVB  | 3352   | 1183   | 0.13%  | 0.014%  |
| 75 | 9.210 | 1289 | 1296 | 1306 | rVB  | 187551 | 402589 | 42.91% | 4.774%  |
| 76 | 9.516 | 1347 | 1348 | 1350 | rBV  | 3152   | 1587   | 0.17%  | 0.019%  |

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 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK128

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  | 9.663  | 1372 | 1373 | 1376 | rVB  | 3072   | 1919   | 0.20%  | 0.023%  |
| 78  | 9.757  | 1386 | 1389 | 1391 | rVB  | 3303   | 3713   | 0.40%  | 0.044%  |
| 79  | 9.781  | 1391 | 1393 | 1395 | rBV  | 2578   | 1982   | 0.21%  | 0.024%  |
| 80  | 9.981  | 1421 | 1427 | 1435 | rBV2 | 113410 | 202526 | 21.59% | 2.402%  |
| 81  | 10.087 | 1443 | 1445 | 1446 | rVB  | 3551   | 1638   | 0.17%  | 0.019%  |
| 82  | 10.128 | 1450 | 1452 | 1453 | rBV  | 3391   | 2714   | 0.29%  | 0.032%  |
| 83  | 10.269 | 1469 | 1476 | 1486 | rBV  | 413497 | 768020 | 81.86% | 9.108%  |
| 84  | 10.528 | 1514 | 1520 | 1529 | rVB2 | 71294  | 128773 | 13.72% | 1.527%  |
| 85  | 10.669 | 1537 | 1544 | 1552 | rVB2 | 79873  | 151634 | 16.16% | 1.798%  |
| 86  | 10.769 | 1559 | 1561 | 1562 | rVB  | 2366   | 972    | 0.10%  | 0.012%  |
| 87  | 10.881 | 1573 | 1580 | 1586 | rBV  | 96513  | 170710 | 18.19% | 2.025%  |
| 88  | 11.028 | 1601 | 1605 | 1611 | rVB2 | 28692  | 47720  | 5.09%  | 0.566%  |
| 89  | 11.587 | 1693 | 1700 | 1708 | rBV  | 485342 | 848986 | 90.49% | 10.068% |
| 90  | 12.581 | 1861 | 1869 | 1875 | rBV  | 62407  | 108816 | 11.60% | 1.290%  |
| 91  | 12.651 | 1875 | 1881 | 1888 | rVV  | 129244 | 224817 | 23.96% | 2.666%  |
| 92  | 13.040 | 1946 | 1947 | 1948 | rVB  | 3527   | 1245   | 0.13%  | 0.015%  |
| 93  | 13.104 | 1957 | 1958 | 1959 | rBV  | 3318   | 1795   | 0.19%  | 0.021%  |
| 94  | 13.398 | 2006 | 2008 | 2011 | rVB  | 3536   | 2309   | 0.25%  | 0.027%  |
| 95  | 13.522 | 2022 | 2029 | 2039 | rVB  | 494671 | 801284 | 85.40% | 9.503%  |
| 96  | 13.757 | 2068 | 2069 | 2070 | rBV  | 3954   | 1779   | 0.19%  | 0.021%  |
| 97  | 13.822 | 2073 | 2080 | 2087 | rVB  | 333261 | 567953 | 60.53% | 6.736%  |
| 98  | 14.051 | 2115 | 2119 | 2126 | rVB3 | 25767  | 39267  | 4.19%  | 0.466%  |
| 99  | 15.704 | 2398 | 2400 | 2401 | rBV  | 3490   | 1748   | 0.19%  | 0.021%  |
| 100 | 15.939 | 2439 | 2440 | 2441 | rBV  | 3318   | 1401   | 0.15%  | 0.017%  |

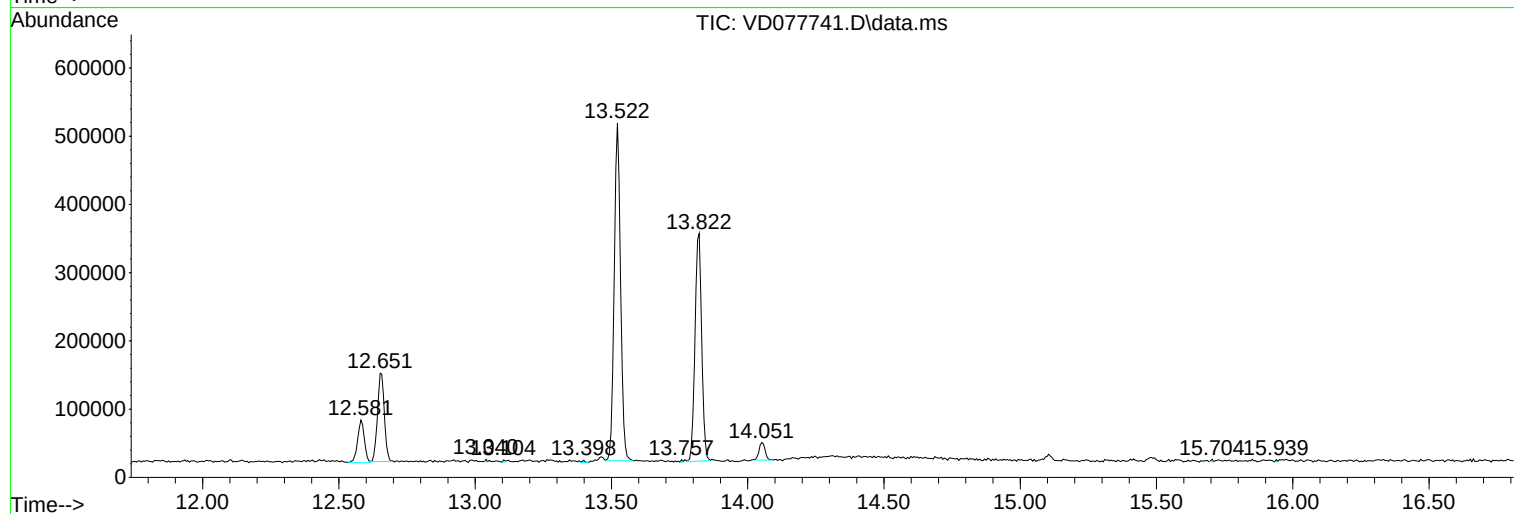
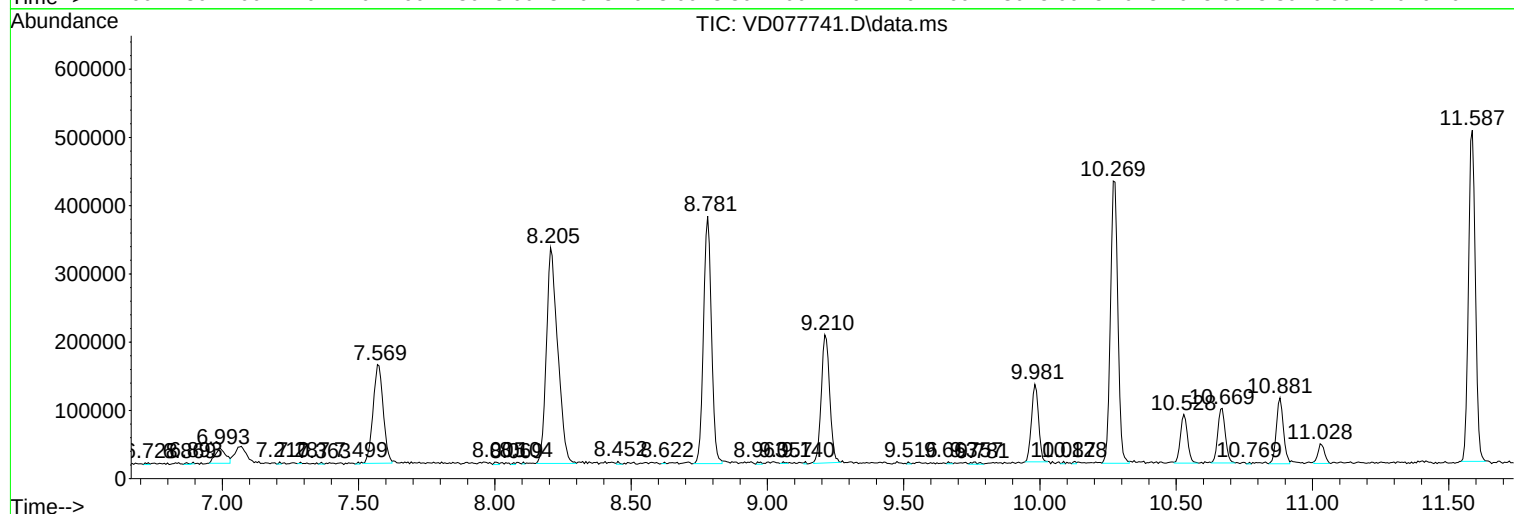
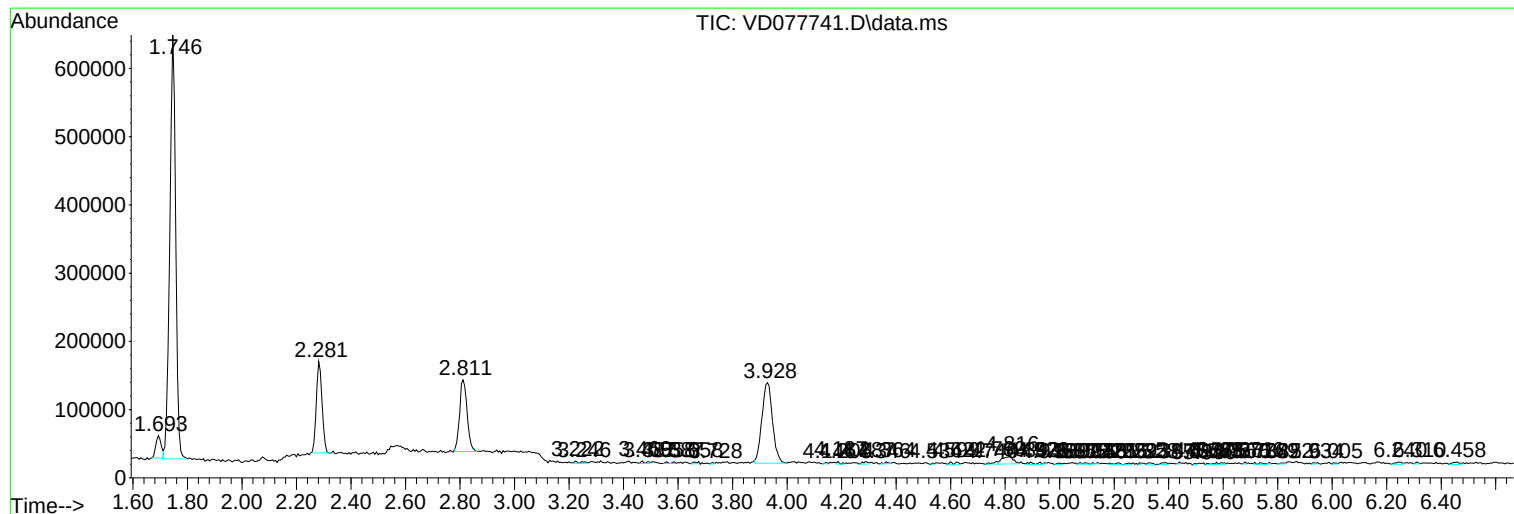
Sum of corrected areas: 8432123

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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
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VIBLK128

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  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

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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 |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|