

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040524\  
 Data File : VW028336.D  
 Acq On : 05 Apr 2024 14:05  
 Operator : SY/MD  
 Sample : P1993-15  
 Misc : 4.02g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BH2L6

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\SFAMWLM031424SMA.M  
 Title : SFAM01.0

Signal : TIC: VW028336.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         | 2.363       | 69            | 78          | 91           | rBV      | 52340          | 114101        | 9.84%           | 1.294%        |
| 2         | 2.570       | 109           | 112         | 114          | rBV3     | 810            | 823           | 0.07%           | 0.009%        |
| 3         | 2.619       | 114           | 120         | 121          | rBV3     | 1450           | 2159          | 0.19%           | 0.024%        |
| 4         | 2.905       | 159           | 167         | 182          | rBV      | 33057          | 95880         | 8.27%           | 1.087%        |
| 5         | 3.058       | 190           | 192         | 199          | rVB4     | 629            | 1044          | 0.09%           | 0.012%        |
| 6         | 3.405       | 244           | 249         | 251          | rVB4     | 659            | 1034          | 0.09%           | 0.012%        |
| 7         | 3.472       | 256           | 260         | 262          | rBV4     | 377            | 543           | 0.05%           | 0.006%        |
| 8         | 3.539       | 269           | 271         | 277          | rVB4     | 680            | 875           | 0.08%           | 0.010%        |
| 9         | 3.698       | 295           | 297         | 300          | rVB4     | 454            | 521           | 0.04%           | 0.006%        |
| 10        | 3.802       | 311           | 314         | 320          | rBV5     | 548            | 797           | 0.07%           | 0.009%        |
| 11        | 4.021       | 339           | 350         | 363          | rBV2     | 120663         | 351624        | 30.33%          | 3.988%        |
| 12        | 4.387       | 401           | 410         | 422          | rBV      | 3655           | 11478         | 0.99%           | 0.130%        |
| 13        | 4.667       | 455           | 456         | 461          | rVB3     | 451            | 480           | 0.04%           | 0.005%        |
| 14        | 4.923       | 485           | 498         | 516          | rBV2     | 35144          | 125121        | 10.79%          | 1.419%        |
| 15        | 5.125       | 529           | 531         | 532          | rVV      | 557            | 537           | 0.05%           | 0.006%        |
| 16        | 5.179       | 536           | 540         | 545          | rVV5     | 626            | 1035          | 0.09%           | 0.012%        |
| 17        | 5.240       | 547           | 550         | 551          | rVB2     | 615            | 545           | 0.05%           | 0.006%        |
| 18        | 5.411       | 576           | 578         | 581          | rVB2     | 498            | 582           | 0.05%           | 0.007%        |
| 19        | 5.448       | 581           | 584         | 585          | rBV2     | 442            | 491           | 0.04%           | 0.006%        |
| 20        | 5.704       | 624           | 626         | 628          | rVB2     | 630            | 554           | 0.05%           | 0.006%        |
| 21        | 5.935       | 648           | 664         | 676          | rBV6     | 5408           | 18263         | 1.58%           | 0.207%        |
| 22        | 6.533       | 759           | 762         | 764          | rBV2     | 445            | 555           | 0.05%           | 0.006%        |
| 23        | 6.905       | 819           | 823         | 826          | rBV3     | 471            | 766           | 0.07%           | 0.009%        |
| 24        | 6.960       | 830           | 832         | 837          | rVB3     | 376            | 529           | 0.05%           | 0.006%        |
| 25        | 7.075       | 841           | 851         | 857          | rBV      | 29901          | 84197         | 7.26%           | 0.955%        |
| 26        | 7.277       | 881           | 884         | 887          | rBV4     | 436            | 762           | 0.07%           | 0.009%        |
| 27        | 7.374       | 899           | 900         | 903          | rBV3     | 530            | 639           | 0.06%           | 0.007%        |
| 28        | 7.527       | 923           | 925         | 926          | rBV2     | 595            | 599           | 0.05%           | 0.007%        |
| 29        | 7.648       | 935           | 945         | 960          | rBV      | 179714         | 446791        | 38.54%          | 5.067%        |
| 30        | 7.752       | 960           | 962         | 963          | rBV2     | 574            | 526           | 0.05%           | 0.006%        |
| 31        | 8.179       | 1029          | 1032        | 1033         | rBV2     | 845            | 982           | 0.08%           | 0.011%        |
| 32        | 8.276       | 1037          | 1048        | 1069         | rVV2     | 364542         | 1056982       | 91.18%          | 11.987%       |
| 33        | 8.539       | 1088          | 1091        | 1092         | rBV3     | 692            | 601           | 0.05%           | 0.007%        |
| 34        | 8.630       | 1102          | 1106        | 1110         | rBV6     | 1898           | 3599          | 0.31%           | 0.041%        |
| 35        | 8.843       | 1131          | 1141        | 1151         | rBV      | 503608         | 1001308       | 86.37%          | 11.355%       |
| 36        | 9.270       | 1203          | 1211        | 1220         | rBV      | 242508         | 500972        | 43.21%          | 5.681%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040524\  
 Data File : VW028336.D  
 Acq On : 05 Apr 2024 14:05  
 Operator : SY/MD  
 Sample : P1993-15  
 Misc : 4.02g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BH2L6

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\SFAMWLM031424SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 10.032 | 1329 | 1336 | 1344 | rBV  | 130730 | 237178  | 20.46%  | 2.690%  |
| 38 | 10.215 | 1360 | 1366 | 1368 | rBV5 | 2413   | 5253    | 0.45%   | 0.060%  |
| 39 | 10.319 | 1376 | 1383 | 1391 | rBV  | 496799 | 879851  | 75.90%  | 9.978%  |
| 40 | 10.575 | 1418 | 1425 | 1435 | rBV  | 79767  | 141412  | 12.20%  | 1.604%  |
| 41 | 10.703 | 1440 | 1446 | 1451 | rVB  | 10861  | 19162   | 1.65%   | 0.217%  |
| 42 | 10.776 | 1456 | 1458 | 1459 | rVB2 | 924    | 540     | 0.05%   | 0.006%  |
| 43 | 10.843 | 1466 | 1469 | 1470 | rBV3 | 733    | 902     | 0.08%   | 0.010%  |
| 44 | 10.922 | 1475 | 1482 | 1492 | rBV  | 121775 | 207368  | 17.89%  | 2.352%  |
| 45 | 11.069 | 1501 | 1506 | 1511 | rBV6 | 2110   | 4068    | 0.35%   | 0.046%  |
| 46 | 11.154 | 1518 | 1520 | 1521 | rBV  | 695    | 510     | 0.04%   | 0.006%  |
| 47 | 11.172 | 1521 | 1523 | 1527 | rVB4 | 906    | 1264    | 0.11%   | 0.014%  |
| 48 | 11.434 | 1560 | 1566 | 1571 | rVB2 | 3600   | 6733    | 0.58%   | 0.076%  |
| 49 | 11.629 | 1587 | 1598 | 1607 | rBV  | 684621 | 1159268 | 100.00% | 13.147% |
| 50 | 11.837 | 1628 | 1632 | 1638 | rBV5 | 1232   | 2444    | 0.21%   | 0.028%  |
| 51 | 12.014 | 1656 | 1661 | 1662 | rVV3 | 421    | 496     | 0.04%   | 0.006%  |
| 52 | 12.111 | 1674 | 1677 | 1681 | rVV3 | 523    | 700     | 0.06%   | 0.008%  |
| 53 | 12.172 | 1683 | 1687 | 1689 | rVV2 | 1405   | 2029    | 0.18%   | 0.023%  |
| 54 | 12.190 | 1689 | 1690 | 1692 | rVB  | 925    | 647     | 0.06%   | 0.007%  |
| 55 | 12.221 | 1692 | 1695 | 1697 | rBV2 | 519    | 587     | 0.05%   | 0.007%  |
| 56 | 12.465 | 1731 | 1735 | 1737 | rBV3 | 1873   | 2497    | 0.22%   | 0.028%  |
| 57 | 12.507 | 1741 | 1742 | 1744 | rBV  | 527    | 473     | 0.04%   | 0.005%  |
| 58 | 12.599 | 1750 | 1757 | 1764 | rBV  | 24265  | 41354   | 3.57%   | 0.469%  |
| 59 | 12.690 | 1764 | 1772 | 1781 | rVV  | 182195 | 293679  | 25.33%  | 3.330%  |
| 60 | 12.757 | 1781 | 1783 | 1787 | rVV2 | 854    | 1083    | 0.09%   | 0.012%  |
| 61 | 12.891 | 1800 | 1805 | 1807 | rBV3 | 1276   | 1766    | 0.15%   | 0.020%  |
| 62 | 12.928 | 1807 | 1811 | 1817 | rVB7 | 1419   | 2813    | 0.24%   | 0.032%  |
| 63 | 13.032 | 1826 | 1828 | 1831 | rVB3 | 507    | 551     | 0.05%   | 0.006%  |
| 64 | 13.117 | 1838 | 1842 | 1845 | rBV4 | 424    | 697     | 0.06%   | 0.008%  |
| 65 | 13.184 | 1850 | 1853 | 1857 | rBV5 | 1175   | 1729    | 0.15%   | 0.020%  |
| 66 | 13.288 | 1865 | 1870 | 1877 | rVB6 | 3047   | 5700    | 0.49%   | 0.065%  |
| 67 | 13.410 | 1882 | 1890 | 1894 | rVB5 | 2613   | 5312    | 0.46%   | 0.060%  |
| 68 | 13.458 | 1894 | 1898 | 1901 | rBV4 | 1431   | 2350    | 0.20%   | 0.027%  |
| 69 | 13.556 | 1906 | 1914 | 1925 | rVV  | 702198 | 1139459 | 98.29%  | 12.922% |
| 70 | 13.641 | 1925 | 1928 | 1934 | rVB6 | 3498   | 5580    | 0.48%   | 0.063%  |
| 71 | 13.751 | 1943 | 1946 | 1951 | rBV7 | 1699   | 3280    | 0.28%   | 0.037%  |
| 72 | 13.849 | 1955 | 1962 | 1975 | rVV  | 456629 | 738728  | 63.72%  | 8.378%  |
| 73 | 13.946 | 1975 | 1978 | 1982 | rVB3 | 1325   | 1753    | 0.15%   | 0.020%  |
| 74 | 14.062 | 1992 | 1997 | 2002 | rVB2 | 9463   | 16030   | 1.38%   | 0.182%  |
| 75 | 14.208 | 2014 | 2021 | 2024 | rBV8 | 826    | 2054    | 0.18%   | 0.023%  |
| 76 | 14.324 | 2034 | 2040 | 2042 | rBV6 | 1772   | 3017    | 0.26%   | 0.034%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040524\  
 Data File : VW028336.D  
 Acq On : 05 Apr 2024 14:05  
 Operator : SY/MD  
 Sample : P1993-15  
 Misc : 4.02g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BH2L6

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\SFAMWLM031424SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |       |       |        |
|-----|--------|------|------|------|------|-------|-------|-------|--------|
| 77  | 14.440 | 2056 | 2059 | 2061 | rBV4 | 449   | 484   | 0.04% | 0.005% |
| 78  | 14.568 | 2078 | 2080 | 2084 | rVB3 | 697   | 829   | 0.07% | 0.009% |
| 79  | 14.623 | 2086 | 2089 | 2092 | rBV3 | 529   | 670   | 0.06% | 0.008% |
| 80  | 14.672 | 2095 | 2097 | 2098 | rVV2 | 635   | 476   | 0.04% | 0.005% |
| 81  | 14.714 | 2100 | 2104 | 2109 | rVB4 | 2314  | 3065  | 0.26% | 0.035% |
| 82  | 14.830 | 2120 | 2123 | 2129 | rVB5 | 566   | 909   | 0.08% | 0.010% |
| 83  | 14.934 | 2137 | 2140 | 2145 | rBV4 | 391   | 655   | 0.06% | 0.007% |
| 84  | 15.043 | 2156 | 2158 | 2161 | rBV3 | 622   | 525   | 0.05% | 0.006% |
| 85  | 15.306 | 2200 | 2201 | 2205 | rVB2 | 471   | 544   | 0.05% | 0.006% |
| 86  | 15.428 | 2214 | 2221 | 2227 | rBV2 | 14969 | 26821 | 2.31% | 0.304% |
| 87  | 15.476 | 2227 | 2229 | 2237 | rVB5 | 1364  | 2355  | 0.20% | 0.027% |
| 88  | 15.549 | 2237 | 2241 | 2243 | rBV2 | 584   | 796   | 0.07% | 0.009% |
| 89  | 15.586 | 2245 | 2247 | 2249 | rVB2 | 701   | 484   | 0.04% | 0.005% |
| 90  | 15.684 | 2257 | 2263 | 2265 | rBV4 | 712   | 1290  | 0.11% | 0.015% |
| 91  | 15.732 | 2269 | 2271 | 2272 | rBV2 | 567   | 552   | 0.05% | 0.006% |
| 92  | 15.757 | 2273 | 2275 | 2277 | rVV3 | 824   | 892   | 0.08% | 0.010% |
| 93  | 15.781 | 2277 | 2279 | 2284 | rVV4 | 971   | 1453  | 0.13% | 0.016% |
| 94  | 15.842 | 2284 | 2289 | 2291 | rVV5 | 1310  | 1954  | 0.17% | 0.022% |
| 95  | 15.873 | 2291 | 2294 | 2298 | rVB5 | 520   | 838   | 0.07% | 0.010% |
| 96  | 15.958 | 2303 | 2308 | 2312 | rVB6 | 1049  | 1346  | 0.12% | 0.015% |
| 97  | 16.184 | 2343 | 2345 | 2347 | rBV2 | 537   | 622   | 0.05% | 0.007% |
| 98  | 16.324 | 2366 | 2368 | 2371 | rBV2 | 298   | 466   | 0.04% | 0.005% |
| 99  | 16.488 | 2393 | 2395 | 2399 | rVB3 | 709   | 781   | 0.07% | 0.009% |
| 100 | 16.763 | 2438 | 2440 | 2443 | rVB4 | 521   | 545   | 0.05% | 0.006% |

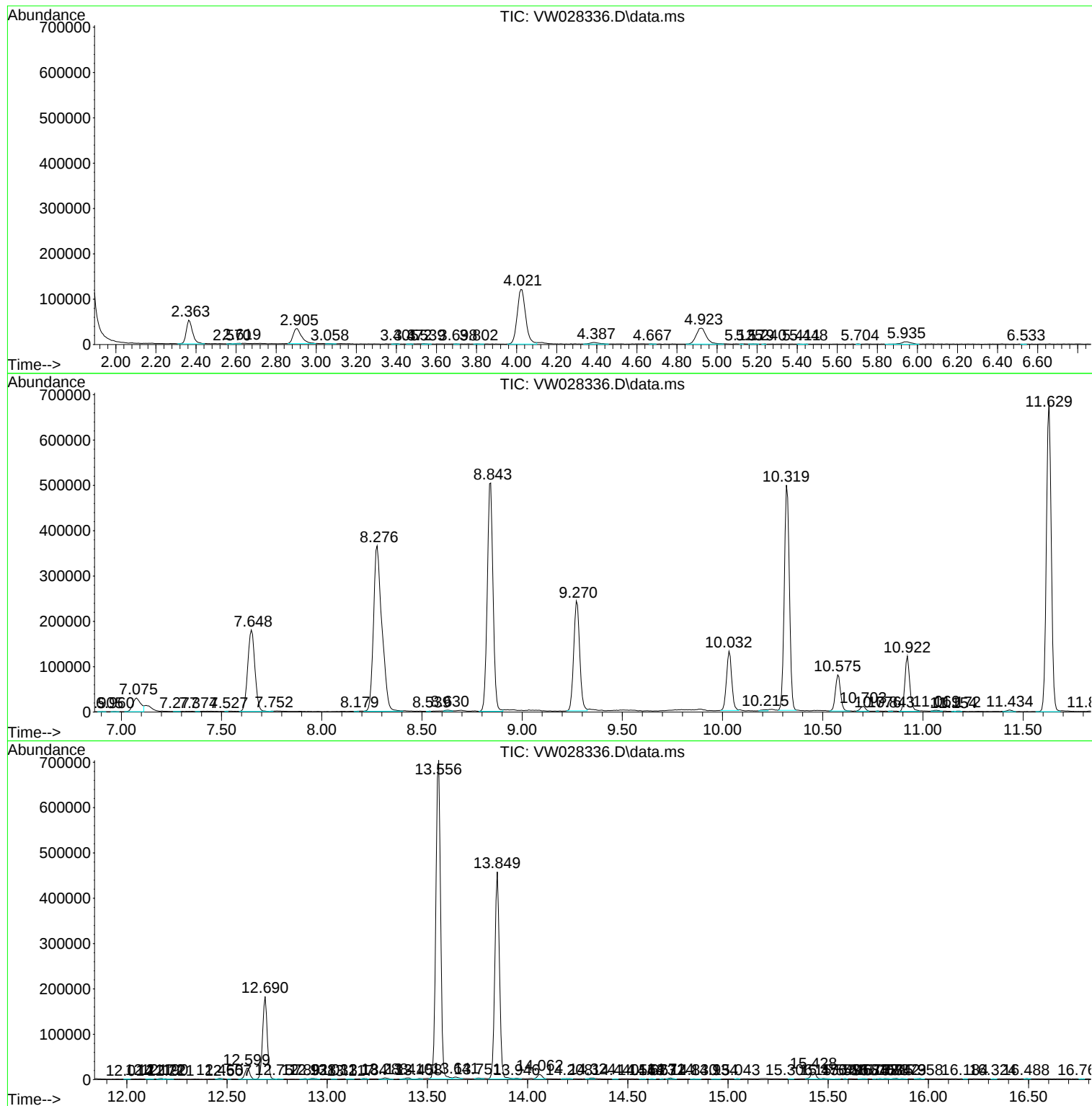
Sum of corrected areas: 8817964

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040524\  
Data File : VW028336.D  
Acq On : 05 Apr 2024 14:05  
Operator : SY/MD  
Sample : P1993-15  
Misc : 4.02g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BH2L6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM031424SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040524\  
Data File : VW028336.D  
Acq On : 05 Apr 2024 14:05  
Operator : SY/MD  
Sample : P1993-15  
Misc : 4.02g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BH2L6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM031424SMA.M  
Quant Title : SFAM01.0

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040524\  
Data File : VW028336.D  
Acq On : 05 Apr 2024 14:05  
Operator : SY/MD  
Sample : P1993-15  
Misc : 4.02g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BH2L6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM031424SMA.M  
Quant Title : SFAM01.0

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

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