

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011722\  
 Data File : BG052039.D  
 Acq On : 18 Jan 2022 1:03  
 Operator : CG/JU  
 Sample : N1169-11  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGLX8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010622.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG052039.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         | 3.571       | 10            | 14          | 19           | rVB2     | 5765           | 7944          | 1.08%           | 0.101%        |
| 2         | 4.029       | 90            | 92          | 95           | rBV      | 1131           | 1173          | 0.16%           | 0.015%        |
| 3         | 4.235       | 124           | 127         | 129          | rBV2     | 1247           | 1471          | 0.20%           | 0.019%        |
| 4         | 4.358       | 143           | 148         | 150          | rBV3     | 1142           | 1616          | 0.22%           | 0.021%        |
| 5         | 4.440       | 157           | 162         | 164          | rBV      | 1008           | 1388          | 0.19%           | 0.018%        |
| 6         | 4.810       | 224           | 225         | 230          | rVB      | 891            | 1097          | 0.15%           | 0.014%        |
| 7         | 5.292       | 305           | 307         | 310          | rVB      | 1400           | 1092          | 0.15%           | 0.014%        |
| 8         | 7.383       | 657           | 663         | 675          | rVB      | 97573          | 179878        | 24.41%          | 2.292%        |
| 9         | 7.548       | 684           | 691         | 700          | rBV      | 69678          | 119747        | 16.25%          | 1.526%        |
| 10        | 7.771       | 722           | 729         | 737          | rVB2     | 89551          | 156317        | 21.21%          | 1.992%        |
| 11        | 8.247       | 801           | 810         | 817          | rBV      | 86755          | 149659        | 20.31%          | 1.907%        |
| 12        | 8.946       | 922           | 929         | 938          | rBV      | 116805         | 205927        | 27.94%          | 2.624%        |
| 13        | 9.416       | 1001          | 1009        | 1016         | rBV      | 103047         | 175657        | 23.84%          | 2.238%        |
| 14        | 9.833       | 1077          | 1080        | 1085         | rVB2     | 2005           | 3169          | 0.43%           | 0.040%        |
| 15        | 10.150      | 1127          | 1134        | 1141         | rVB2     | 73465          | 135295        | 18.36%          | 1.724%        |
| 16        | 10.696      | 1220          | 1227        | 1236         | rVB2     | 124563         | 218455        | 29.64%          | 2.783%        |
| 17        | 10.843      | 1250          | 1252        | 1257         | rVB      | 1038           | 1043          | 0.14%           | 0.013%        |
| 18        | 11.084      | 1283          | 1293        | 1302         | rBV      | 130979         | 233495        | 31.68%          | 2.975%        |
| 19        | 11.207      | 1307          | 1314        | 1325         | rVV      | 93726          | 170027        | 23.07%          | 2.166%        |
| 20        | 12.482      | 1528          | 1531        | 1533         | rVB2     | 1529           | 1448          | 0.20%           | 0.018%        |
| 21        | 12.664      | 1555          | 1562        | 1565         | rBV2     | 2076           | 2476          | 0.34%           | 0.032%        |
| 22        | 13.281      | 1662          | 1667        | 1669         | rVB      | 1126           | 1444          | 0.20%           | 0.018%        |
| 23        | 13.369      | 1679          | 1682        | 1688         | rVB3     | 1011           | 1250          | 0.17%           | 0.016%        |
| 24        | 13.493      | 1700          | 1703        | 1705         | rVB      | 1751           | 1571          | 0.21%           | 0.020%        |
| 25        | 13.704      | 1733          | 1739        | 1746         | rBV4     | 6439           | 9808          | 1.33%           | 0.125%        |
| 26        | 14.280      | 1831          | 1837        | 1843         | rBV      | 244475         | 348843        | 47.34%          | 4.444%        |
| 27        | 14.356      | 1847          | 1850        | 1853         | rVB3     | 1361           | 1501          | 0.20%           | 0.019%        |
| 28        | 14.397      | 1853          | 1857        | 1862         | rBV3     | 1421           | 2000          | 0.27%           | 0.025%        |
| 29        | 14.479      | 1867          | 1871        | 1872         | rBV3     | 1336           | 1581          | 0.21%           | 0.020%        |
| 30        | 14.509      | 1872          | 1876        | 1879         | rVV2     | 4983           | 6253          | 0.85%           | 0.080%        |
| 31        | 14.585      | 1882          | 1889        | 1897         | rVB      | 298950         | 457788        | 62.12%          | 5.832%        |
| 32        | 14.767      | 1916          | 1920        | 1926         | rVB2     | 4157           | 5843          | 0.79%           | 0.074%        |
| 33        | 14.891      | 1934          | 1941        | 1949         | rVB      | 239911         | 375468        | 50.95%          | 4.784%        |
| 34        | 15.067      | 1963          | 1971        | 1983         | rBV2     | 78844          | 140493        | 19.06%          | 1.790%        |
| 35        | 15.290      | 2006          | 2009        | 2011         | rVB2     | 1972           | 1771          | 0.24%           | 0.023%        |
| 36        | 15.513      | 2043          | 2047        | 2052         | rVV      | 4775           | 5117          | 0.69%           | 0.065%        |

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|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 15.578 | 2055 | 2058 | 2061 | rVB  | 782    | 1114   | 0.15%  | 0.014% |
| 38 | 15.666 | 2066 | 2073 | 2074 | rBV2 | 4467   | 6300   | 0.85%  | 0.080% |
| 39 | 15.713 | 2078 | 2081 | 2084 | rVB4 | 3617   | 4714   | 0.64%  | 0.060% |
| 40 | 15.878 | 2102 | 2109 | 2118 | rBV  | 377012 | 589238 | 79.96% | 7.507% |

|    |        |      |      |      |      |       |       |        |        |
|----|--------|------|------|------|------|-------|-------|--------|--------|
| 41 | 15.983 | 2122 | 2127 | 2134 | rBV  | 63269 | 90679 | 12.30% | 1.155% |
| 42 | 16.124 | 2147 | 2151 | 2154 | rBV3 | 1949  | 2906  | 0.39%  | 0.037% |
| 43 | 16.212 | 2161 | 2166 | 2172 | rBV3 | 1588  | 3865  | 0.52%  | 0.049% |
| 44 | 16.271 | 2172 | 2176 | 2181 | rVB3 | 2942  | 3967  | 0.54%  | 0.051% |
| 45 | 16.324 | 2184 | 2185 | 2189 | rBV  | 1145  | 1436  | 0.19%  | 0.018% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 46 | 16.406 | 2197 | 2199 | 2202 | rBV2 | 1748 | 2176 | 0.30% | 0.028% |
| 47 | 16.547 | 2221 | 2223 | 2225 | rBV3 | 2070 | 2319 | 0.31% | 0.030% |
| 48 | 16.659 | 2238 | 2242 | 2246 | rVB3 | 1593 | 2568 | 0.35% | 0.033% |
| 49 | 16.735 | 2252 | 2255 | 2256 | rBV2 | 1241 | 1126 | 0.15% | 0.014% |
| 50 | 16.753 | 2256 | 2258 | 2264 | rVB5 | 2862 | 3820 | 0.52% | 0.049% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 51 | 16.794 | 2264 | 2265 | 2268 | rBV3 | 1506 | 1145  | 0.16% | 0.015% |
| 52 | 16.859 | 2273 | 2276 | 2277 | rBV2 | 1788 | 1740  | 0.24% | 0.022% |
| 53 | 16.917 | 2282 | 2286 | 2287 | rBV2 | 1162 | 1242  | 0.17% | 0.016% |
| 54 | 16.982 | 2294 | 2297 | 2301 | rVB2 | 1913 | 1881  | 0.26% | 0.024% |
| 55 | 17.041 | 2301 | 2307 | 2312 | rBV7 | 5349 | 11196 | 1.52% | 0.143% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 56 | 17.094 | 2312 | 2316 | 2322 | rVB3 | 2606 | 5101  | 0.69% | 0.065% |
| 57 | 17.229 | 2337 | 2339 | 2342 | rBV2 | 1033 | 1366  | 0.19% | 0.017% |
| 58 | 17.370 | 2359 | 2363 | 2368 | rBV4 | 5393 | 6925  | 0.94% | 0.088% |
| 59 | 17.417 | 2368 | 2371 | 2378 | rVB5 | 2449 | 4506  | 0.61% | 0.057% |
| 60 | 17.528 | 2385 | 2390 | 2394 | rBV4 | 8498 | 11643 | 1.58% | 0.148% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 17.640 | 2402 | 2409 | 2415 | rBV  | 339794 | 492428 | 66.82% | 6.274% |
| 62 | 17.740 | 2417 | 2426 | 2436 | rVB  | 439208 | 656652 | 89.10% | 8.366% |
| 63 | 17.904 | 2450 | 2454 | 2456 | rBV  | 6182   | 6433   | 0.87%  | 0.082% |
| 64 | 18.004 | 2464 | 2471 | 2473 | rBV6 | 2407   | 5245   | 0.71%  | 0.067% |
| 65 | 18.286 | 2515 | 2519 | 2523 | rVB  | 25925  | 32671  | 4.43%  | 0.416% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 66 | 18.415 | 2536 | 2541 | 2542 | rBV4 | 4083 | 5554 | 0.75% | 0.071% |
| 67 | 18.580 | 2566 | 2569 | 2573 | rBV  | 8275 | 9061 | 1.23% | 0.115% |
| 68 | 18.686 | 2586 | 2587 | 2590 | rVB2 | 1647 | 1135 | 0.15% | 0.014% |
| 69 | 18.926 | 2623 | 2628 | 2631 | rVB5 | 4635 | 5811 | 0.79% | 0.074% |
| 70 | 18.950 | 2631 | 2632 | 2635 | rBV2 | 1448 | 1755 | 0.24% | 0.022% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 71 | 19.038 | 2642 | 2647 | 2651 | rBV7 | 4559 | 6460 | 0.88% | 0.082% |
| 72 | 19.073 | 2651 | 2653 | 2655 | rBV3 | 1395 | 1478 | 0.20% | 0.019% |
| 73 | 19.114 | 2657 | 2660 | 2665 | rBV5 | 3844 | 6812 | 0.92% | 0.087% |
| 74 | 19.214 | 2675 | 2677 | 2678 | rBV2 | 1616 | 1198 | 0.16% | 0.015% |
| 75 | 19.285 | 2686 | 2689 | 2691 | rBB2 | 4130 | 4232 | 0.57% | 0.054% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 19.367 | 2699 | 2703 | 2707 | rBV3 | 6872 | 9776 | 1.33% | 0.125% |
|----|--------|------|------|------|------|------|------|-------|--------|

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|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 77 | 19.443 | 2708 | 2716 | 2724 | rVB3 | 58259  | 81755  | 11.09%  | 1.042% |
| 78 | 19.584 | 2735 | 2740 | 2743 | rBV5 | 13703  | 18221  | 2.47%   | 0.232% |
| 79 | 19.655 | 2749 | 2752 | 2755 | rVV4 | 4764   | 4954   | 0.67%   | 0.063% |
| 80 | 19.684 | 2755 | 2757 | 2760 | rVB3 | 5075   | 4510   | 0.61%   | 0.057% |
| 81 | 19.902 | 2792 | 2794 | 2800 | rVB6 | 5578   | 7391   | 1.00%   | 0.094% |
| 82 | 19.972 | 2804 | 2806 | 2807 | rBV2 | 3150   | 2830   | 0.38%   | 0.036% |
| 83 | 20.019 | 2808 | 2814 | 2820 | rVB  | 526702 | 736954 | 100.00% | 9.389% |
| 84 | 20.166 | 2837 | 2839 | 2842 | rVB3 | 1996   | 1220   | 0.17%   | 0.016% |
| 85 | 20.471 | 2889 | 2891 | 2892 | rVB  | 3385   | 1664   | 0.23%   | 0.021% |
| 86 | 20.512 | 2894 | 2898 | 2899 | rVV4 | 2681   | 3586   | 0.49%   | 0.046% |
| 87 | 20.548 | 2902 | 2904 | 2909 | rVB4 | 7282   | 8768   | 1.19%   | 0.112% |
| 88 | 20.601 | 2910 | 2913 | 2915 | rVB3 | 8388   | 8471   | 1.15%   | 0.108% |
| 89 | 20.700 | 2928 | 2930 | 2933 | rBV3 | 4653   | 4751   | 0.64%   | 0.061% |
| 90 | 21.141 | 3002 | 3005 | 3009 | rBV6 | 6008   | 8817   | 1.20%   | 0.112% |
| 91 | 21.194 | 3012 | 3014 | 3018 | rVB4 | 7442   | 8294   | 1.13%   | 0.106% |
| 92 | 21.552 | 3072 | 3075 | 3083 | rBV5 | 29312  | 54872  | 7.45%   | 0.699% |
| 93 | 21.963 | 3138 | 3145 | 3154 | rVB  | 300417 | 514422 | 69.80%  | 6.554% |
| 94 | 24.437 | 3564 | 3566 | 3567 | rBV2 | 5977   | 4700   | 0.64%   | 0.060% |
| 95 | 25.212 | 3688 | 3698 | 3711 | rVB  | 238088 | 707173 | 95.96%  | 9.010% |
| 96 | 25.453 | 3730 | 3739 | 3754 | rVB2 | 165425 | 522921 | 70.96%  | 6.662% |
| 97 | 26.863 | 3975 | 3979 | 3980 | rBV3 | 3382   | 3881   | 0.53%   | 0.049% |

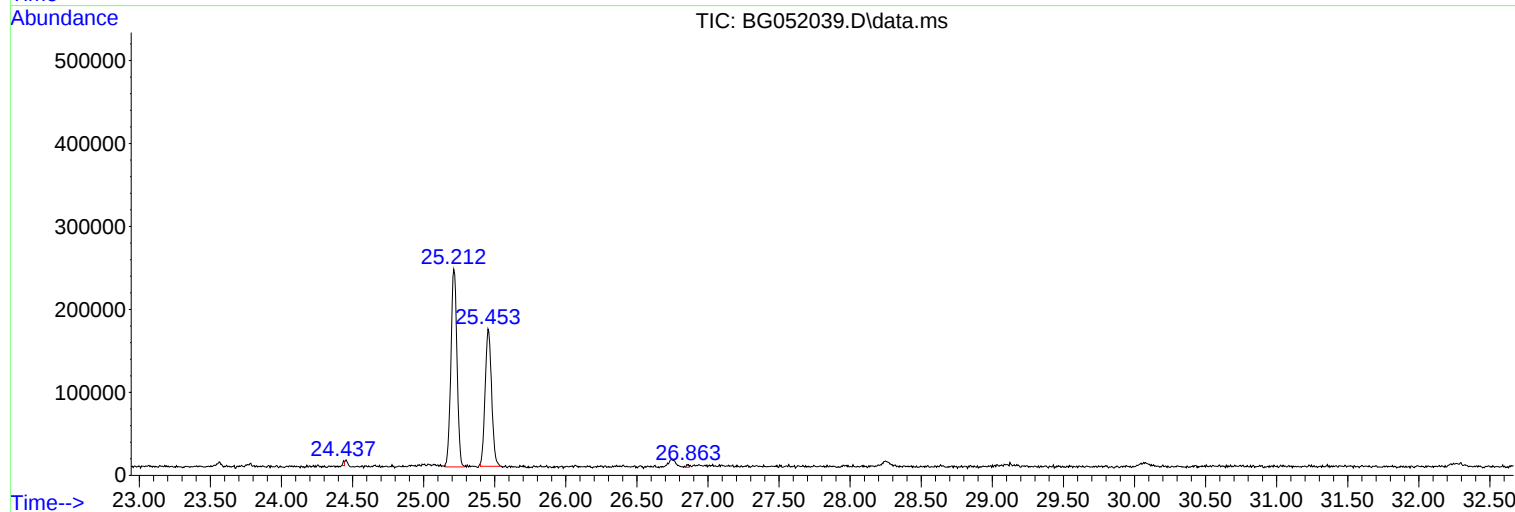
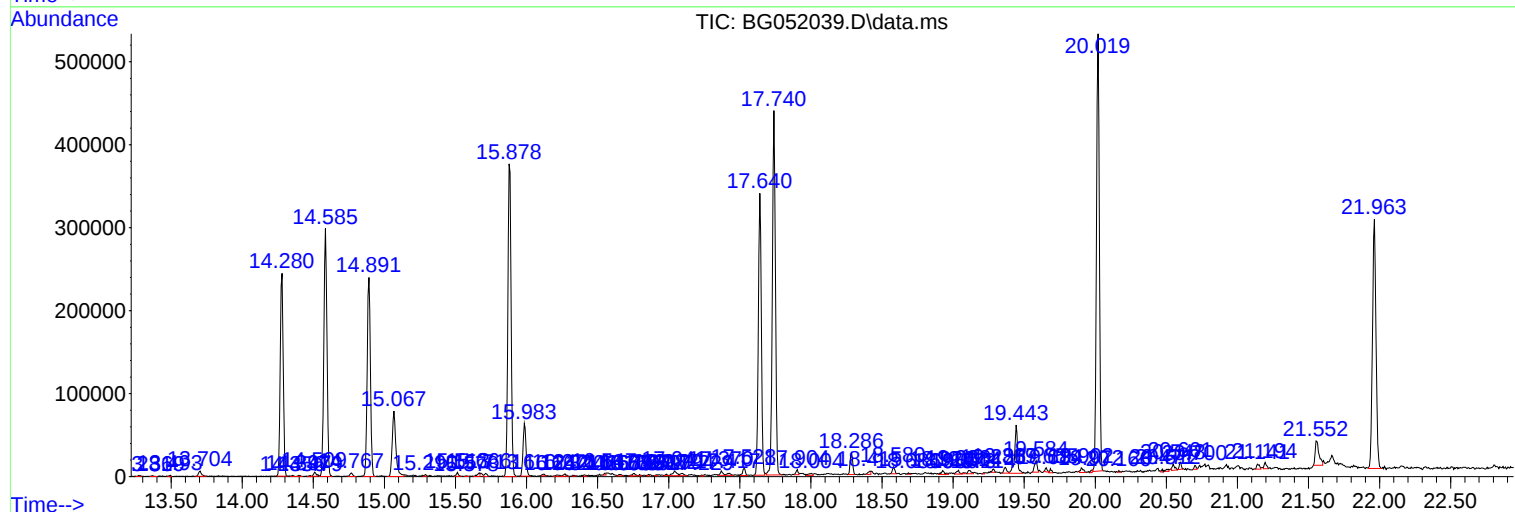
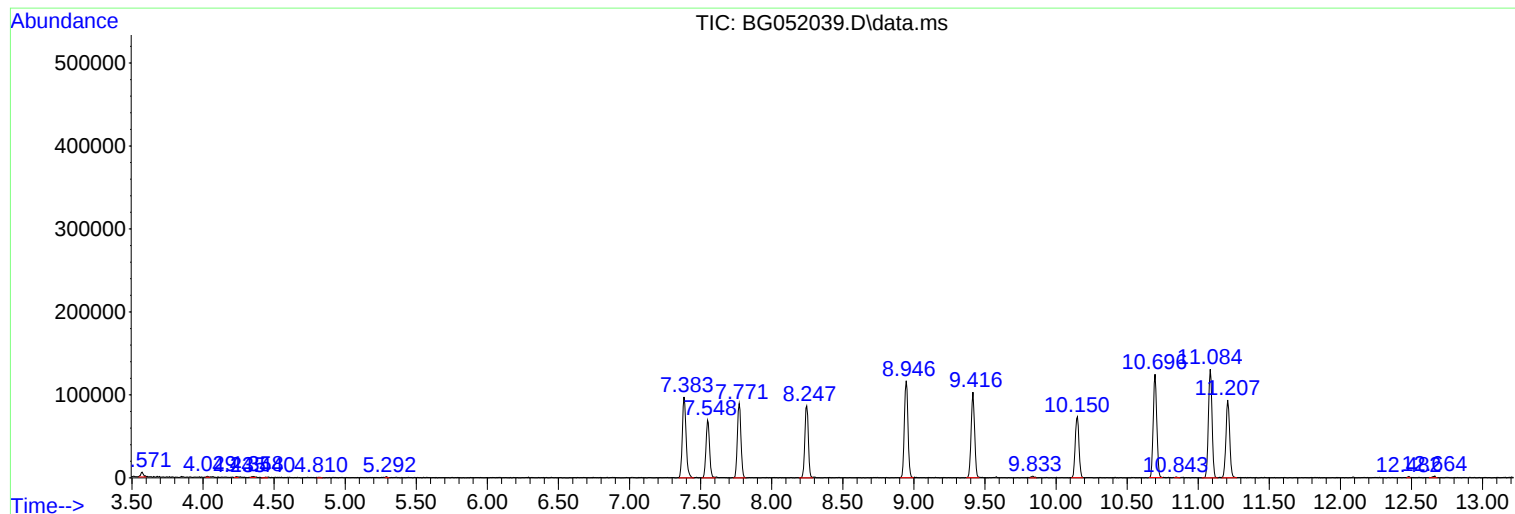
Sum of corrected areas: 7848934

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010622.M  
Quant Title : SVOA CALIBRATION

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



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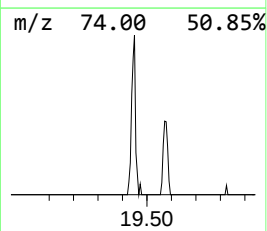
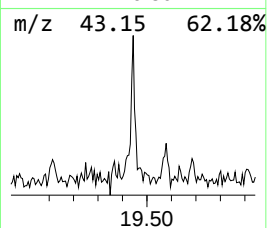
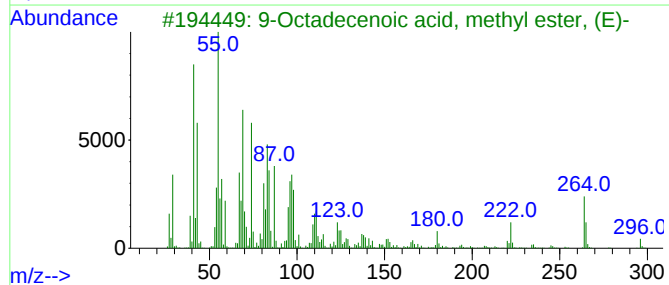
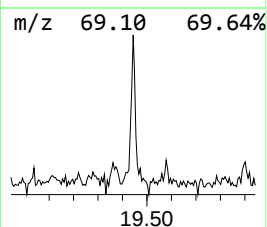
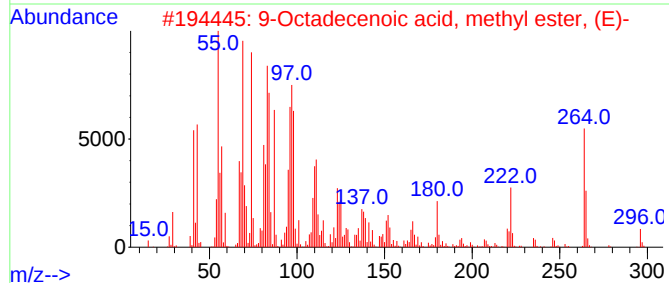
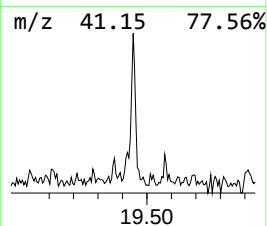
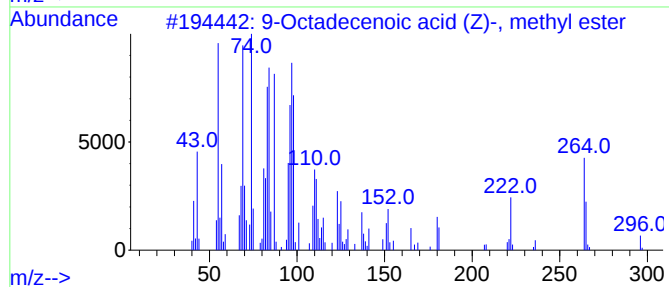
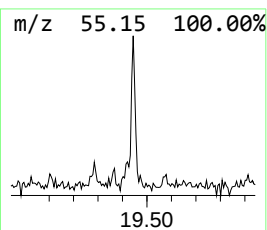
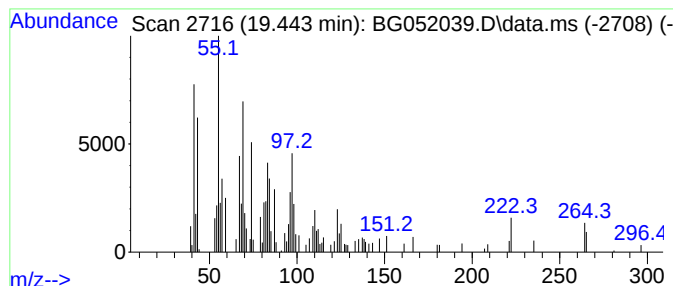
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010622.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 19.443 | 3.32 ng/ul | 81755 | Phenanthrene-d10 | 17.640 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9  | 96   |
| 2    |    |   | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8  | 95   |
| 3    |    |   | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8  | 95   |
| 4    |    |   | 8-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 002345-29-1  | 95   |
| 5    |    |   | trans-13-Octadecenoic acid, meth... | 296 | C19H36O2 | 1000333-61-3 | 93   |



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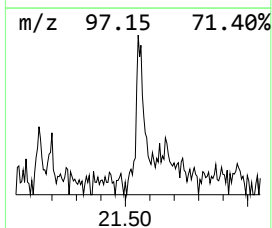
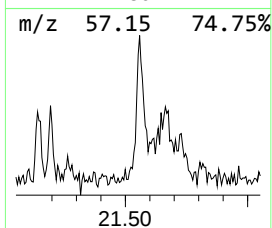
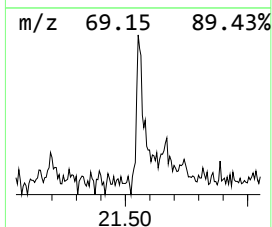
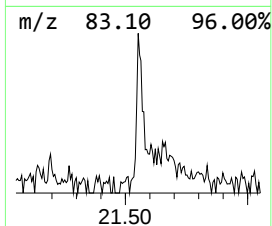
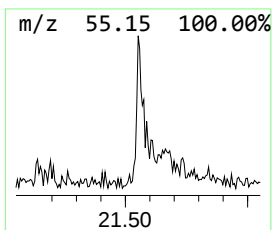
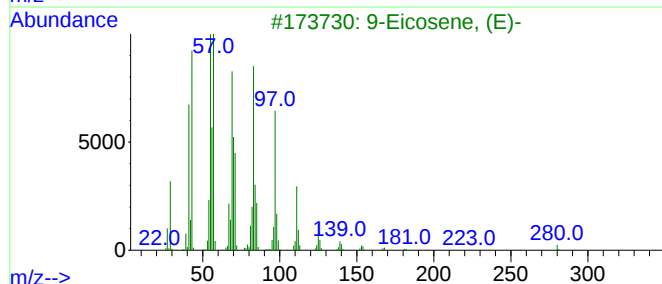
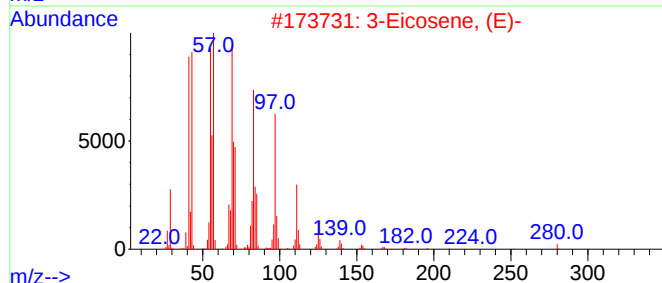
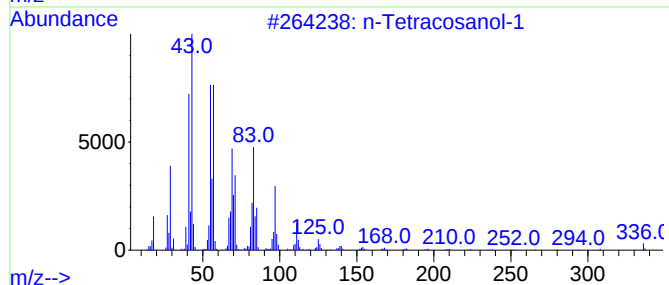
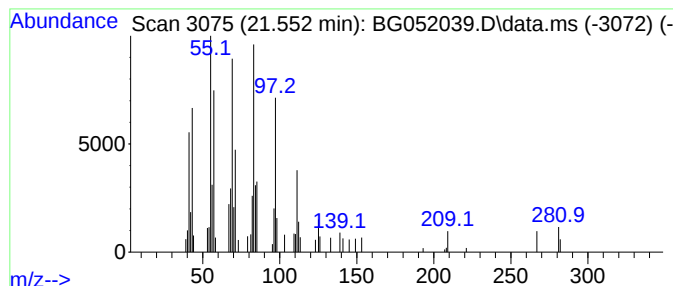
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 n-Tetracosanol-1 Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 21.552 | 2.13 ng/ul | 54872 | Chrysene-d12     | 21.964 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|------|-------------------------------------|-----|-------------|-------------|------|
| 1    |      | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4 | 91   |
| 2    |      | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9 | 90   |
| 3    |      | 9-Eicosene, (E)-                    | 280 | C20H40      | 074685-29-3 | 87   |
| 4    |      | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 87   |
| 5    |      | 1-Tetracosene                       | 336 | C24H48      | 010192-32-2 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011722\  
Data File : BG052039.D  
Acq On : 18 Jan 2022 1:03  
Operator : CG/JU  
Sample : N1169-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGLX8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010622.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 9-Octadecenoic ... | 19.443 | 3.3     | ng/ul | 81755    | 4                     | 17.640 | 492428 | 20.0 |
| n-Tetracosanol-1   | 21.552 | 2.1     | ng/ul | 54872    | 5                     | 21.964 | 514422 | 20.0 |