

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122624\  
 Data File : BG063895.D  
 Acq On : 28 Dec 2024 9:05  
 Operator : RC/JU  
 Sample : P5351-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E2922

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-BG121124.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG063895.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         | 3.667       | 94            | 98          | 114          | rVB      | 198388         | 355734        | 13.11%          | 1.249%        |
| 2         | 5.535       | 415           | 416         | 420          | rVB2     | 8048           | 6266          | 0.23%           | 0.022%        |
| 3         | 6.987       | 657           | 663         | 674          | rVB      | 290277         | 547698        | 20.19%          | 1.923%        |
| 4         | 7.057       | 674           | 675         | 677          | rBV      | 10164          | 8629          | 0.32%           | 0.030%        |
| 5         | 7.128       | 682           | 687         | 693          | rVB      | 244055         | 381045        | 14.05%          | 1.338%        |
| 6         | 7.333       | 716           | 722         | 729          | rBV      | 278108         | 479230        | 17.67%          | 1.682%        |
| 7         | 7.797       | 794           | 801         | 810          | rBV      | 438056         | 736824        | 27.16%          | 2.587%        |
| 8         | 8.191       | 866           | 868         | 870          | rVB3     | 6708           | 5758          | 0.21%           | 0.020%        |
| 9         | 8.338       | 889           | 893         | 894          | rBV2     | 7560           | 6672          | 0.25%           | 0.023%        |
| 10        | 8.514       | 917           | 923         | 937          | rBV      | 362626         | 660948        | 24.37%          | 2.320%        |
| 11        | 8.696       | 952           | 954         | 957          | rBV2     | 7503           | 9341          | 0.34%           | 0.033%        |
| 12        | 8.767       | 964           | 966         | 969          | rBV3     | 7791           | 11000         | 0.41%           | 0.039%        |
| 13        | 8.955       | 991           | 998         | 1004         | rBV      | 283902         | 489596        | 18.05%          | 1.719%        |
| 14        | 9.378       | 1065          | 1070        | 1072         | rVV3     | 6990           | 10962         | 0.40%           | 0.038%        |
| 15        | 9.513       | 1088          | 1093        | 1100         | rBV4     | 25108          | 42955         | 1.58%           | 0.151%        |
| 16        | 9.630       | 1111          | 1113        | 1115         | rBV2     | 6013           | 5912          | 0.22%           | 0.021%        |
| 17        | 9.677       | 1115          | 1121        | 1131         | rVB      | 222423         | 406659        | 14.99%          | 1.428%        |
| 18        | 9.830       | 1145          | 1147        | 1151         | rBV2     | 5672           | 9390          | 0.35%           | 0.033%        |
| 19        | 9.912       | 1160          | 1161        | 1164         | rBV      | 10403          | 7457          | 0.27%           | 0.026%        |
| 20        | 9.954       | 1167          | 1168        | 1172         | rVV2     | 5393           | 5907          | 0.22%           | 0.021%        |
| 21        | 10.018      | 1177          | 1179        | 1182         | rBV      | 8379           | 9224          | 0.34%           | 0.032%        |
| 22        | 10.077      | 1188          | 1189        | 1192         | rBV2     | 6402           | 7148          | 0.26%           | 0.025%        |
| 23        | 10.224      | 1208          | 1214        | 1223         | rBV      | 338460         | 639028        | 23.56%          | 2.243%        |
| 24        | 10.588      | 1268          | 1276        | 1282         | rBV      | 592516         | 1053306       | 38.83%          | 3.698%        |
| 25        | 10.729      | 1293          | 1300        | 1309         | rVV      | 277233         | 529890        | 19.53%          | 1.860%        |
| 26        | 11.005      | 1344          | 1347        | 1349         | rBV      | 9640           | 10179         | 0.38%           | 0.036%        |
| 27        | 11.223      | 1383          | 1384        | 1388         | rBV4     | 7085           | 7646          | 0.28%           | 0.027%        |
| 28        | 11.375      | 1406          | 1410        | 1411         | rVB2     | 6128           | 6360          | 0.23%           | 0.022%        |
| 29        | 11.434      | 1419          | 1420        | 1424         | rBV3     | 5597           | 6381          | 0.24%           | 0.022%        |
| 30        | 11.740      | 1471          | 1472        | 1477         | rBV2     | 4302           | 6794          | 0.25%           | 0.024%        |
| 31        | 11.822      | 1485          | 1486        | 1491         | rVV2     | 4416           | 6495          | 0.24%           | 0.023%        |
| 32        | 11.881      | 1494          | 1496        | 1498         | rVB2     | 6663           | 6066          | 0.22%           | 0.021%        |
| 33        | 11.998      | 1513          | 1516        | 1517         | rBV2     | 6670           | 6283          | 0.23%           | 0.022%        |
| 34        | 12.016      | 1517          | 1519        | 1523         | rVB3     | 8811           | 9834          | 0.36%           | 0.035%        |
| 35        | 12.116      | 1534          | 1536        | 1539         | rVB2     | 4770           | 5559          | 0.20%           | 0.020%        |
| 36        | 12.180      | 1542          | 1547        | 1549         | rVV3     | 7279           | 12204         | 0.45%           | 0.043%        |

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Integration Parameters: LSCINT.P

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Stop Thrs : 0

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Max Peaks: 100

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-BG121124.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 12.210 | 1549 | 1552 | 1554 | rVB2 | 6848 | 5977 | 0.22% | 0.021% |
| 38 | 12.321 | 1567 | 1571 | 1574 | rBV2 | 7494 | 9945 | 0.37% | 0.035% |
| 39 | 12.368 | 1574 | 1579 | 1580 | rVV2 | 4387 | 5951 | 0.22% | 0.021% |
| 40 | 12.392 | 1580 | 1583 | 1587 | rVB3 | 4847 | 6361 | 0.23% | 0.022% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 41 | 12.721 | 1635 | 1639 | 1642 | rVB  | 6540 | 8406  | 0.31% | 0.030% |
| 42 | 12.744 | 1642 | 1643 | 1646 | rBV  | 5981 | 5905  | 0.22% | 0.021% |
| 43 | 12.880 | 1664 | 1666 | 1668 | rBV2 | 5836 | 6093  | 0.22% | 0.021% |
| 44 | 12.979 | 1678 | 1683 | 1684 | rVV4 | 7066 | 10992 | 0.41% | 0.039% |
| 45 | 13.032 | 1690 | 1692 | 1698 | rBV5 | 5758 | 6729  | 0.25% | 0.024% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 46 | 13.203 | 1718 | 1721 | 1723 | rBV2 | 5639   | 6088    | 0.22%  | 0.021% |
| 47 | 13.262 | 1726 | 1731 | 1735 | rVV5 | 13159  | 24330   | 0.90%  | 0.085% |
| 48 | 13.414 | 1752 | 1757 | 1765 | rBV3 | 57024  | 108107  | 3.99%  | 0.380% |
| 49 | 13.602 | 1787 | 1789 | 1793 | rBV3 | 8806   | 12314   | 0.45%  | 0.043% |
| 50 | 13.849 | 1824 | 1831 | 1839 | rBV  | 678161 | 1003051 | 36.98% | 3.521% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 51 | 13.914 | 1839 | 1842 | 1846 | rVB6 | 8999   | 15544   | 0.57%  | 0.055% |
| 52 | 14.061 | 1865 | 1867 | 1869 | rVB  | 7823   | 6632    | 0.24%  | 0.023% |
| 53 | 14.131 | 1872 | 1879 | 1887 | rVV  | 820440 | 1259918 | 46.45% | 4.423% |
| 54 | 14.337 | 1909 | 1914 | 1919 | rBV4 | 17698  | 29620   | 1.09%  | 0.104% |
| 55 | 14.401 | 1922 | 1925 | 1926 | rBV2 | 9758   | 10165   | 0.37%  | 0.036% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 56 | 14.442 | 1926 | 1932 | 1938 | rVV  | 996843 | 1545233 | 56.96% | 5.425% |
| 57 | 14.501 | 1939 | 1942 | 1948 | rVB4 | 20409  | 30654   | 1.13%  | 0.108% |
| 58 | 14.683 | 1965 | 1973 | 1986 | rBV2 | 166838 | 382817  | 14.11% | 1.344% |
| 59 | 14.819 | 1993 | 1996 | 1997 | rBV3 | 6384   | 5829    | 0.21%  | 0.020% |
| 60 | 14.877 | 2003 | 2006 | 2011 | rVB7 | 12470  | 20384   | 0.75%  | 0.072% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 61 | 15.142 | 2048 | 2051 | 2053 | rVB3 | 6807    | 6244    | 0.23%  | 0.022% |
| 62 | 15.294 | 2073 | 2077 | 2080 | rVV4 | 13725   | 19338   | 0.71%  | 0.068% |
| 63 | 15.435 | 2095 | 2101 | 2109 | rVV  | 1049798 | 1582503 | 58.34% | 5.556% |
| 64 | 15.488 | 2109 | 2110 | 2118 | rVB3 | 11972   | 20309   | 0.75%  | 0.071% |
| 65 | 15.576 | 2120 | 2125 | 2133 | rBV  | 175084  | 283111  | 10.44% | 0.994% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 15.700 | 2143 | 2146 | 2149 | rVB4 | 7001   | 9571   | 0.35%  | 0.034% |
| 67 | 15.800 | 2158 | 2163 | 2171 | rBV  | 509840 | 714166 | 26.33% | 2.507% |
| 68 | 16.164 | 2220 | 2225 | 2227 | rBV3 | 24477  | 42952  | 1.58%  | 0.151% |
| 69 | 16.223 | 2233 | 2235 | 2238 | rVB4 | 10431  | 9256   | 0.34%  | 0.032% |
| 70 | 16.364 | 2255 | 2259 | 2264 | rVV  | 40913  | 57453  | 2.12%  | 0.202% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 71 | 16.405 | 2264 | 2266 | 2268 | rVB3 | 7667  | 6651  | 0.25% | 0.023% |
| 72 | 16.458 | 2272 | 2275 | 2280 | rBV7 | 17163 | 27860 | 1.03% | 0.098% |
| 73 | 16.611 | 2299 | 2301 | 2307 | rBV7 | 12253 | 14939 | 0.55% | 0.052% |
| 74 | 16.658 | 2307 | 2309 | 2312 | rVB4 | 8752  | 7968  | 0.29% | 0.028% |
| 75 | 16.734 | 2320 | 2322 | 2324 | rVB3 | 7873  | 7962  | 0.29% | 0.028% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 16.763 | 2325 | 2327 | 2330 | rVB4 | 6791 | 6479 | 0.24% | 0.023% |
|----|--------|------|------|------|------|------|------|-------|--------|

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Instrument :  
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Integration Parameters: LSCINT.P

Integrator: RTE

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Filtering: 5

Sampling : 1

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Stop Thrs : 0

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 16.945 | 2356 | 2358 | 2362 | rVV2 | 19890   | 26240   | 0.97%   | 0.092% |
| 78  | 17.004 | 2366 | 2368 | 2373 | rVB3 | 19741   | 25718   | 0.95%   | 0.090% |
| 79  | 17.116 | 2384 | 2387 | 2392 | rVB6 | 10745   | 16256   | 0.60%   | 0.057% |
| 80  | 17.192 | 2394 | 2400 | 2405 | rVV2 | 1365942 | 2093974 | 77.19%  | 7.351% |
| 81  | 17.239 | 2405 | 2408 | 2412 | rVV  | 170864  | 245887  | 9.06%   | 0.863% |
| 82  | 17.292 | 2412 | 2417 | 2429 | rVB2 | 1243380 | 1945278 | 71.71%  | 6.829% |
| 83  | 17.603 | 2465 | 2470 | 2475 | rBV8 | 13253   | 24864   | 0.92%   | 0.087% |
| 84  | 17.692 | 2482 | 2485 | 2488 | rBV4 | 16636   | 18991   | 0.70%   | 0.067% |
| 85  | 17.839 | 2509 | 2510 | 2512 | rBV  | 8257    | 7740    | 0.29%   | 0.027% |
| 86  | 17.862 | 2512 | 2514 | 2521 | rVB7 | 12926   | 18560   | 0.68%   | 0.065% |
| 87  | 18.044 | 2542 | 2545 | 2547 | rBV3 | 16103   | 18112   | 0.67%   | 0.064% |
| 88  | 18.097 | 2551 | 2554 | 2563 | rVB4 | 88303   | 190603  | 7.03%   | 0.669% |
| 89  | 18.273 | 2579 | 2584 | 2588 | rBV2 | 33309   | 54516   | 2.01%   | 0.191% |
| 90  | 18.391 | 2600 | 2604 | 2606 | rBV4 | 32580   | 41646   | 1.54%   | 0.146% |
| 91  | 18.579 | 2633 | 2636 | 2640 | rVB3 | 23380   | 30300   | 1.12%   | 0.106% |
| 92  | 18.820 | 2674 | 2677 | 2680 | rVB5 | 13245   | 15912   | 0.59%   | 0.056% |
| 93  | 18.990 | 2703 | 2706 | 2709 | rBV5 | 17845   | 25118   | 0.93%   | 0.088% |
| 94  | 19.149 | 2728 | 2733 | 2734 | rBV5 | 26270   | 39151   | 1.44%   | 0.137% |
| 95  | 19.260 | 2744 | 2752 | 2758 | rBV  | 395181  | 587457  | 21.66%  | 2.062% |
| 96  | 19.595 | 2803 | 2809 | 2823 | rBV2 | 1591009 | 2712646 | 100.00% | 9.523% |
| 97  | 21.111 | 3064 | 3067 | 3077 | rVB4 | 132093  | 241266  | 8.89%   | 0.847% |
| 98  | 21.446 | 3117 | 3124 | 3129 | rBV  | 1458870 | 2470804 | 91.08%  | 8.674% |
| 99  | 24.260 | 3596 | 3603 | 3611 | rBV2 | 659679  | 1550038 | 57.14%  | 5.442% |
| 100 | 24.466 | 3630 | 3638 | 3650 | rVB2 | 860625  | 2229414 | 82.19%  | 7.827% |

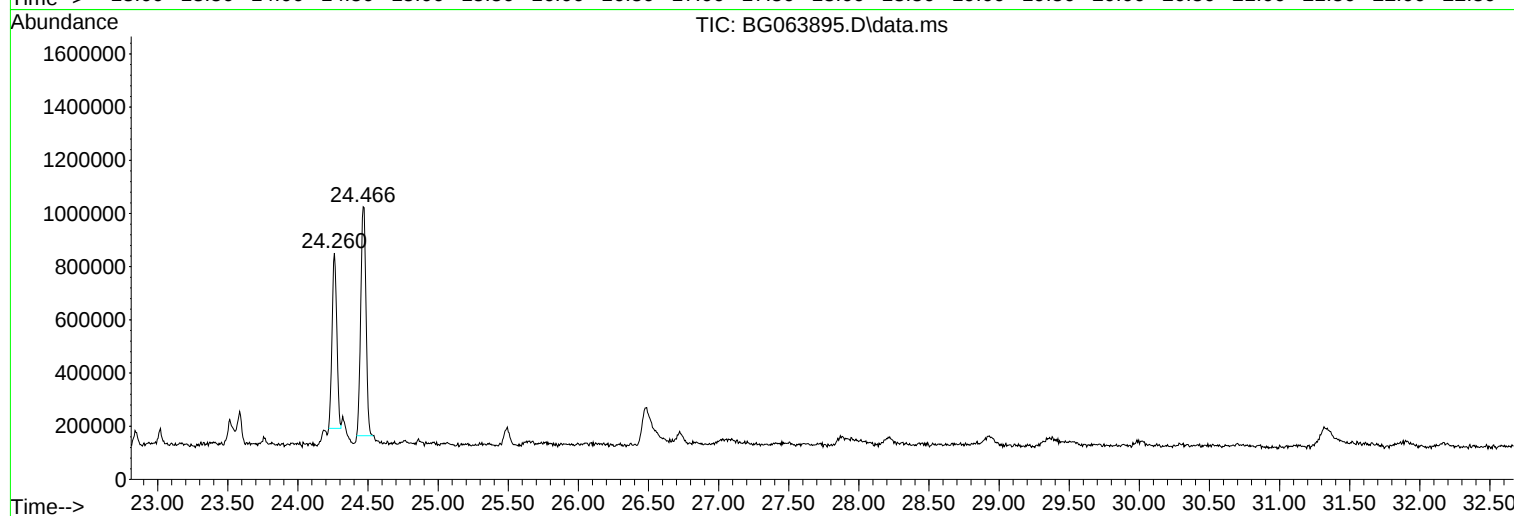
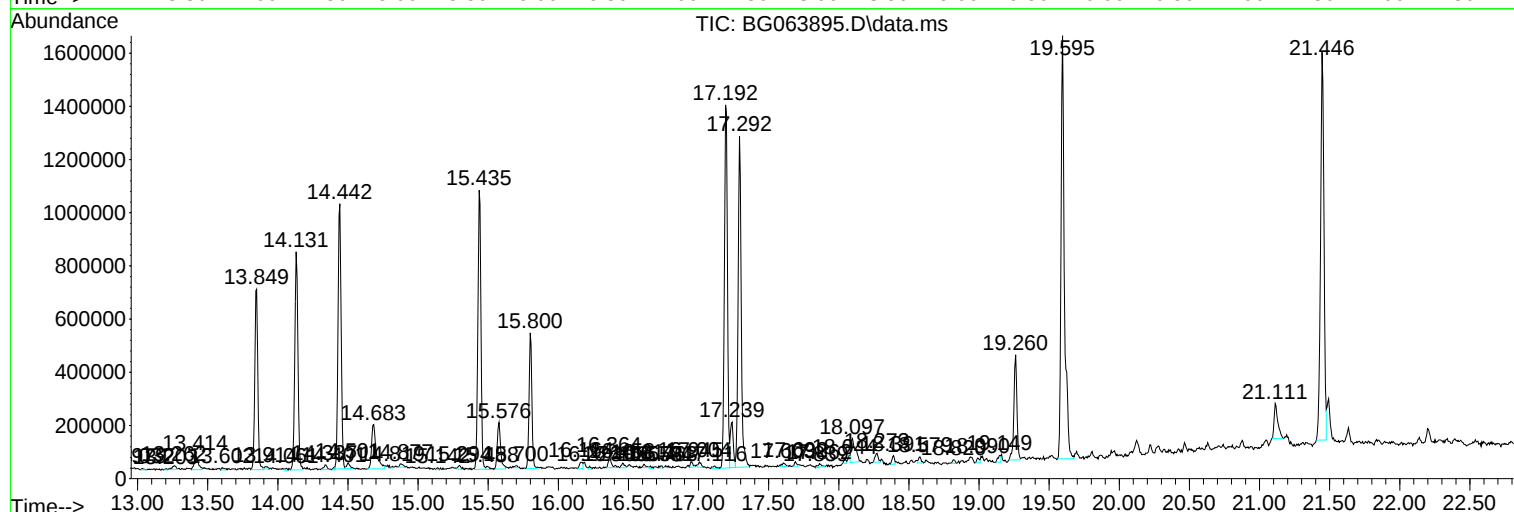
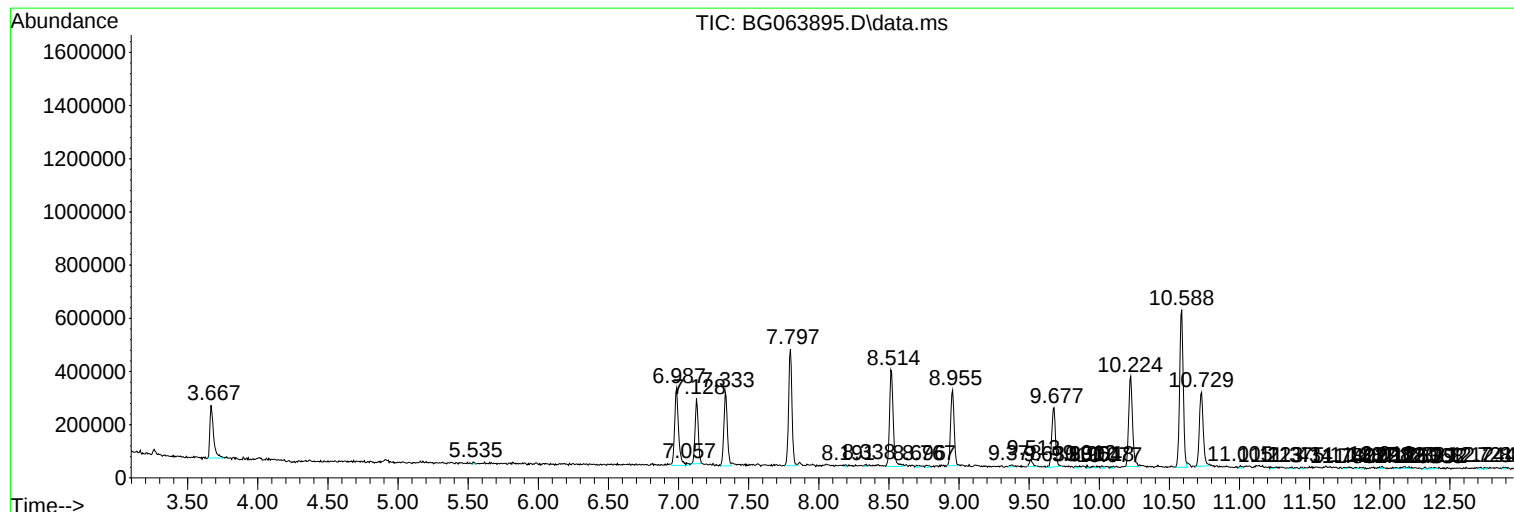
Sum of corrected areas: 28484678

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

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



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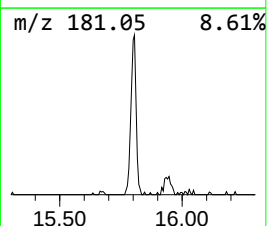
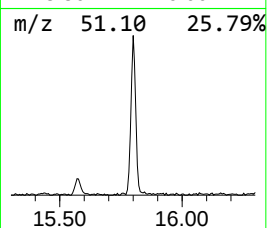
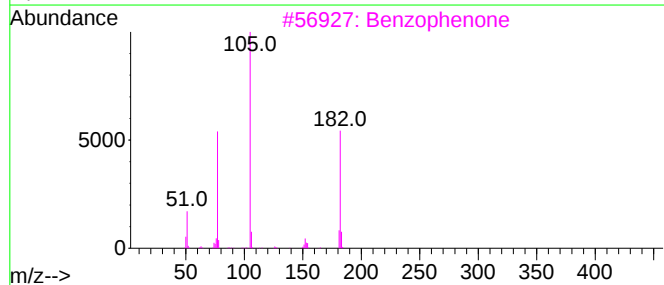
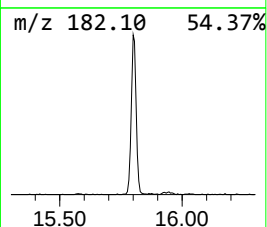
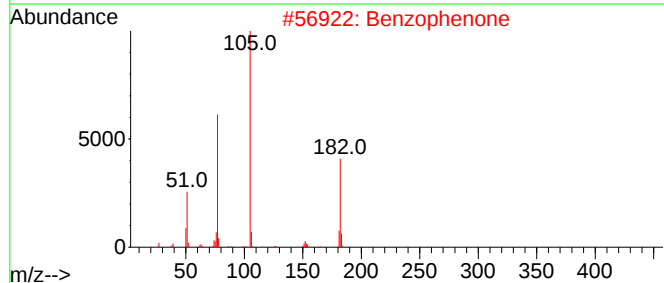
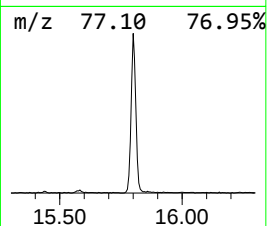
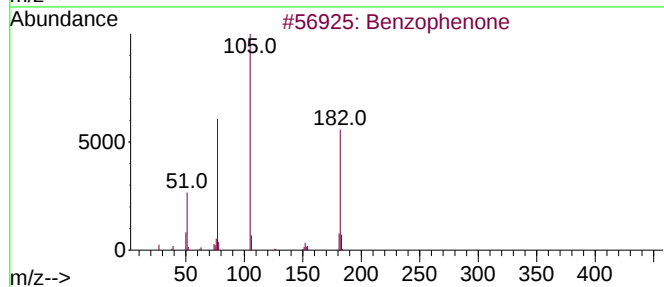
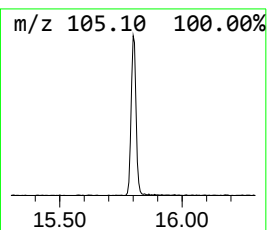
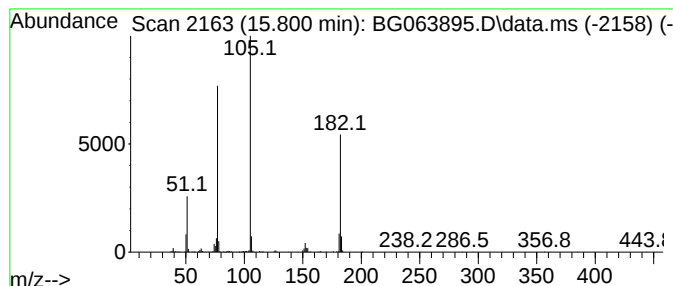
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.800 | 9.24 ng/ul | 714166 | Acenaphthene-d10 | 14.443 |

| Hit# | of | 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone   | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone   | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone   | 182 | C13H10O | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone   | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Vinyl benzoate | 148 | C9H8O2  | 000769-78-8 | 53   |



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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone     | 15.800 | 9.2     | ng/u1 | 714166   | 3                     | 14.443 | 1545230 | 20.0 |