

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121724\  
 Data File : BG063714.D  
 Acq On : 18 Dec 2024 1:34  
 Operator : RC/JU  
 Sample : P5155-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E28W1

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: BG063714.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         | 3.269       | 27            | 31          | 37           | rVB4     | 22929          | 37204         | 1.11%           | 0.103%        |
| 2         | 3.516       | 71            | 73          | 74           | rBV2     | 10507          | 8330          | 0.25%           | 0.023%        |
| 3         | 3.675       | 96            | 100         | 111          | rBV      | 284608         | 488346        | 14.55%          | 1.349%        |
| 4         | 4.004       | 154           | 156         | 162          | rVB3     | 16340          | 23951         | 0.71%           | 0.066%        |
| 5         | 4.527       | 244           | 245         | 250          | rVB2     | 9797           | 11429         | 0.34%           | 0.032%        |
| 6         | 4.574       | 250           | 253         | 256          | rVB2     | 10150          | 10104         | 0.30%           | 0.028%        |
| 7         | 4.597       | 256           | 257         | 260          | rBV3     | 8264           | 9039          | 0.27%           | 0.025%        |
| 8         | 5.819       | 460           | 465         | 466          | rBV3     | 10952          | 10072         | 0.30%           | 0.028%        |
| 9         | 5.972       | 488           | 491         | 492          | rBV3     | 9510           | 9838          | 0.29%           | 0.027%        |
| 10        | 6.066       | 505           | 507         | 510          | rBV3     | 6585           | 9156          | 0.27%           | 0.025%        |
| 11        | 6.372       | 556           | 559         | 562          | rVB3     | 9185           | 11706         | 0.35%           | 0.032%        |
| 12        | 6.560       | 588           | 591         | 594          | rBV4     | 6635           | 7745          | 0.23%           | 0.021%        |
| 13        | 6.618       | 596           | 601         | 606          | rBV5     | 7479           | 18049         | 0.54%           | 0.050%        |
| 14        | 6.994       | 659           | 665         | 677          | rVB      | 406358         | 747324        | 22.26%          | 2.065%        |
| 15        | 7.135       | 684           | 689         | 698          | rBV      | 339851         | 547844        | 16.32%          | 1.514%        |
| 16        | 7.341       | 717           | 724         | 731          | rBV      | 373675         | 640875        | 19.09%          | 1.771%        |
| 17        | 7.729       | 787           | 790         | 791          | rBV3     | 9736           | 10162         | 0.30%           | 0.028%        |
| 18        | 7.805       | 797           | 803         | 810          | rBV      | 588458         | 959567        | 28.59%          | 2.651%        |
| 19        | 8.522       | 917           | 925         | 936          | rBV      | 373766         | 692408        | 20.63%          | 1.913%        |
| 20        | 8.616       | 939           | 941         | 948          | rVB5     | 11295          | 15771         | 0.47%           | 0.044%        |
| 21        | 8.875       | 983           | 985         | 988          | rBV3     | 8375           | 8725          | 0.26%           | 0.024%        |
| 22        | 8.963       | 993           | 1000        | 1009         | rVV      | 412945         | 736146        | 21.93%          | 2.034%        |
| 23        | 9.045       | 1011          | 1014        | 1016         | rVB4     | 11552          | 12773         | 0.38%           | 0.035%        |
| 24        | 9.121       | 1025          | 1027        | 1030         | rBV      | 10144          | 8616          | 0.26%           | 0.024%        |
| 25        | 9.192       | 1038          | 1039        | 1043         | rVB3     | 10803          | 10301         | 0.31%           | 0.028%        |
| 26        | 9.245       | 1046          | 1048        | 1052         | rBV      | 9371           | 10610         | 0.32%           | 0.029%        |
| 27        | 9.386       | 1069          | 1072        | 1075         | rBV4     | 11631          | 14859         | 0.44%           | 0.041%        |
| 28        | 9.450       | 1081          | 1083        | 1086         | rVB      | 10109          | 8723          | 0.26%           | 0.024%        |
| 29        | 9.486       | 1086          | 1089        | 1090         | rBV3     | 7012           | 8199          | 0.24%           | 0.023%        |
| 30        | 9.521       | 1090          | 1095        | 1102         | rVB4     | 48973          | 82061         | 2.44%           | 0.227%        |
| 31        | 9.680       | 1115          | 1122        | 1130         | rBV      | 352995         | 636365        | 18.96%          | 1.758%        |
| 32        | 9.821       | 1143          | 1146        | 1149         | rVV3     | 7251           | 9080          | 0.27%           | 0.025%        |
| 33        | 10.050      | 1182          | 1185        | 1186         | rBV3     | 9069           | 9868          | 0.29%           | 0.027%        |
| 34        | 10.232      | 1208          | 1216        | 1225         | rBV      | 521521         | 955894        | 28.48%          | 2.641%        |
| 35        | 10.373      | 1239          | 1240        | 1244         | rVB4     | 9633           | 9204          | 0.27%           | 0.025%        |
| 36        | 10.526      | 1261          | 1266        | 1270         | rBV6     | 17732          | 26907         | 0.80%           | 0.074%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121724\  
 Data File : BG063714.D  
 Acq On : 18 Dec 2024 1:34  
 Operator : RC/JU  
 Sample : P5155-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E28W1

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

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 10.596 | 1270 | 1278 | 1283 | rBV  | 820898 | 1467912 | 43.73% | 4.056% |
| 38 | 10.643 | 1283 | 1286 | 1293 | rVB  | 77454  | 128952  | 3.84%  | 0.356% |
| 39 | 10.731 | 1295 | 1301 | 1315 | rVV  | 398686 | 749208  | 22.32% | 2.070% |
| 40 | 10.890 | 1325 | 1328 | 1331 | rBV4 | 8587   | 11558   | 0.34%  | 0.032% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 10.960 | 1336 | 1340 | 1342 | rBV4 | 12037 | 17564 | 0.52% | 0.049% |
| 42 | 11.131 | 1364 | 1369 | 1373 | rVB7 | 19571 | 34312 | 1.02% | 0.095% |
| 43 | 11.425 | 1416 | 1419 | 1421 | rBV3 | 9049  | 11894 | 0.35% | 0.033% |
| 44 | 11.613 | 1450 | 1451 | 1453 | rBV2 | 9865  | 8593  | 0.26% | 0.024% |
| 45 | 11.783 | 1477 | 1480 | 1481 | rBV2 | 9256  | 10360 | 0.31% | 0.029% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 11.801 | 1481 | 1483 | 1485 | rVB2 | 8182  | 8004  | 0.24% | 0.022% |
| 47 | 11.871 | 1490 | 1495 | 1498 | rVB  | 6356  | 10693 | 0.32% | 0.030% |
| 48 | 11.947 | 1502 | 1508 | 1514 | rBV7 | 21229 | 49214 | 1.47% | 0.136% |
| 49 | 12.000 | 1514 | 1517 | 1518 | rBV2 | 7426  | 7979  | 0.24% | 0.022% |
| 50 | 12.177 | 1544 | 1547 | 1551 | rBV4 | 10993 | 18824 | 0.56% | 0.052% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 51 | 12.212 | 1551 | 1553 | 1556 | rVB2 | 12290 | 11640 | 0.35% | 0.032% |
| 52 | 12.259 | 1556 | 1561 | 1567 | rBV3 | 40179 | 78718 | 2.35% | 0.218% |
| 53 | 12.388 | 1578 | 1583 | 1586 | rBV5 | 10704 | 16008 | 0.48% | 0.044% |
| 54 | 12.482 | 1594 | 1599 | 1603 | rVB7 | 15865 | 28374 | 0.85% | 0.078% |
| 55 | 12.764 | 1644 | 1647 | 1650 | rBV2 | 6423  | 8892  | 0.26% | 0.025% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 56 | 12.799 | 1650 | 1653 | 1654 | rBV2 | 8825  | 9771   | 0.29% | 0.027% |
| 57 | 12.976 | 1680 | 1683 | 1690 | rVV5 | 9024  | 19252  | 0.57% | 0.053% |
| 58 | 13.046 | 1690 | 1695 | 1697 | rVB6 | 7738  | 9769   | 0.29% | 0.027% |
| 59 | 13.234 | 1723 | 1727 | 1729 | rVB3 | 8076  | 9581   | 0.29% | 0.026% |
| 60 | 13.275 | 1729 | 1734 | 1739 | rBV7 | 50464 | 108370 | 3.23% | 0.299% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 13.399 | 1752 | 1755 | 1757 | rBV2 | 6611  | 7501  | 0.22% | 0.021% |
| 62 | 13.469 | 1765 | 1767 | 1770 | rBV3 | 9204  | 11722 | 0.35% | 0.032% |
| 63 | 13.510 | 1772 | 1774 | 1777 | rVB2 | 9344  | 8220  | 0.24% | 0.023% |
| 64 | 13.598 | 1785 | 1789 | 1791 | rBV5 | 16878 | 24496 | 0.73% | 0.068% |
| 65 | 13.751 | 1812 | 1815 | 1817 | rBV4 | 21935 | 25155 | 0.75% | 0.070% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 13.851 | 1823 | 1832 | 1838 | rBV  | 1158520 | 1642374 | 48.93% | 4.538% |
| 67 | 13.927 | 1843 | 1845 | 1849 | rVB4 | 15610   | 13704   | 0.41%  | 0.038% |
| 68 | 14.139 | 1874 | 1881 | 1893 | rVB  | 1149363 | 1859903 | 55.41% | 5.139% |
| 69 | 14.274 | 1899 | 1904 | 1907 | rVB7 | 22123   | 27811   | 0.83%  | 0.077% |
| 70 | 14.345 | 1912 | 1916 | 1922 | rBV5 | 29733   | 47561   | 1.42%  | 0.131% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 14.445 | 1925 | 1933 | 1941 | rVV  | 1562845 | 2377816 | 70.84% | 6.570% |
| 72 | 14.503 | 1941 | 1943 | 1951 | rVV8 | 21446   | 40128   | 1.20%  | 0.111% |
| 73 | 14.574 | 1951 | 1955 | 1957 | rVV5 | 7043    | 7994    | 0.24%  | 0.022% |
| 74 | 14.644 | 1965 | 1967 | 1968 | rBV2 | 9625    | 8850    | 0.26%  | 0.024% |
| 75 | 14.680 | 1968 | 1973 | 1990 | rVV2 | 299145  | 654698  | 19.50% | 1.809% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 14.844 | 1998 | 2001 | 2006 | rBV4 | 30242 | 52276 | 1.56% | 0.144% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121724\  
 Data File : BG063714.D  
 Acq On : 18 Dec 2024 1:34  
 Operator : RC/JU  
 Sample : P5155-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E28W1

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

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 15.061 | 2035 | 2038 | 2039 | rBV3 | 11107   | 11713   | 0.35%   | 0.032% |
| 78  | 15.120 | 2045 | 2048 | 2054 | rVB6 | 19655   | 30835   | 0.92%   | 0.085% |
| 79  | 15.226 | 2062 | 2066 | 2067 | rBV4 | 11145   | 14457   | 0.43%   | 0.040% |
| 80  | 15.302 | 2075 | 2079 | 2083 | rVB2 | 31470   | 48284   | 1.44%   | 0.133% |
| 81  | 15.338 | 2083 | 2085 | 2086 | rBV2 | 11170   | 9017    | 0.27%   | 0.025% |
| 82  | 15.390 | 2092 | 2094 | 2096 | rBV2 | 12256   | 11449   | 0.34%   | 0.032% |
| 83  | 15.437 | 2096 | 2102 | 2109 | rVV  | 1456689 | 2258662 | 67.29%  | 6.241% |
| 84  | 15.490 | 2109 | 2111 | 2116 | rVB3 | 25754   | 32427   | 0.97%   | 0.090% |
| 85  | 15.579 | 2121 | 2126 | 2130 | rBV  | 80794   | 115586  | 3.44%   | 0.319% |
| 86  | 15.802 | 2158 | 2164 | 2170 | rBV  | 334287  | 502016  | 14.96%  | 1.387% |
| 87  | 15.925 | 2181 | 2185 | 2193 | rVB3 | 148207  | 233129  | 6.95%   | 0.644% |
| 88  | 16.054 | 2206 | 2207 | 2209 | rBV2 | 9776    | 9095    | 0.27%   | 0.025% |
| 89  | 16.166 | 2221 | 2226 | 2227 | rBV3 | 43341   | 57311   | 1.71%   | 0.158% |
| 90  | 16.853 | 2338 | 2343 | 2350 | rVB2 | 98685   | 165191  | 4.92%   | 0.456% |
| 91  | 17.194 | 2395 | 2401 | 2406 | rBV  | 1980032 | 2948119 | 87.83%  | 8.146% |
| 92  | 17.235 | 2406 | 2408 | 2412 | rVV  | 209597  | 269103  | 8.02%   | 0.744% |
| 93  | 17.294 | 2413 | 2418 | 2422 | rVV  | 1606679 | 2400998 | 71.53%  | 6.634% |
| 94  | 17.329 | 2422 | 2424 | 2429 | rVB  | 491610  | 507728  | 15.13%  | 1.403% |
| 95  | 18.034 | 2541 | 2544 | 2548 | rBV5 | 72319   | 106582  | 3.18%   | 0.294% |
| 96  | 18.093 | 2551 | 2554 | 2564 | rVB2 | 339721  | 663491  | 19.77%  | 1.833% |
| 97  | 19.257 | 2748 | 2752 | 2759 | rVB  | 449424  | 641542  | 19.11%  | 1.773% |
| 98  | 19.591 | 2804 | 2809 | 2813 | rBV  | 1748674 | 2638012 | 78.59%  | 7.289% |
| 99  | 21.442 | 3118 | 3124 | 3129 | rBV2 | 1915769 | 3356666 | 100.00% | 9.275% |
| 100 | 24.462 | 3632 | 3638 | 3647 | rVB  | 1142012 | 2697827 | 80.37%  | 7.454% |

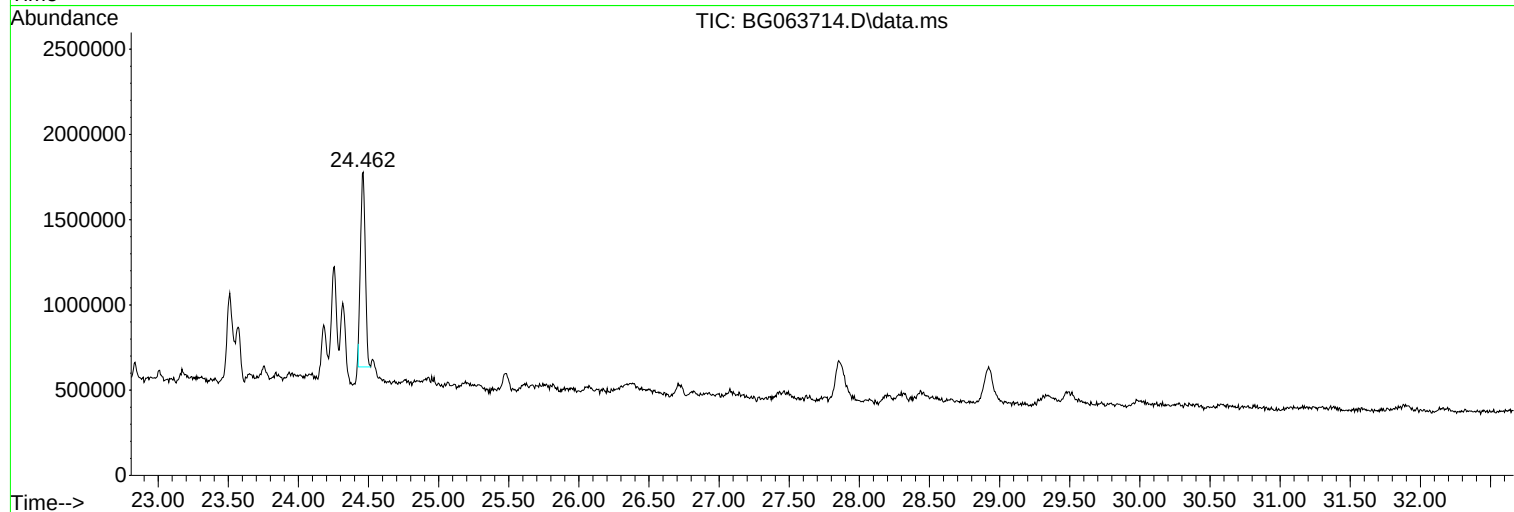
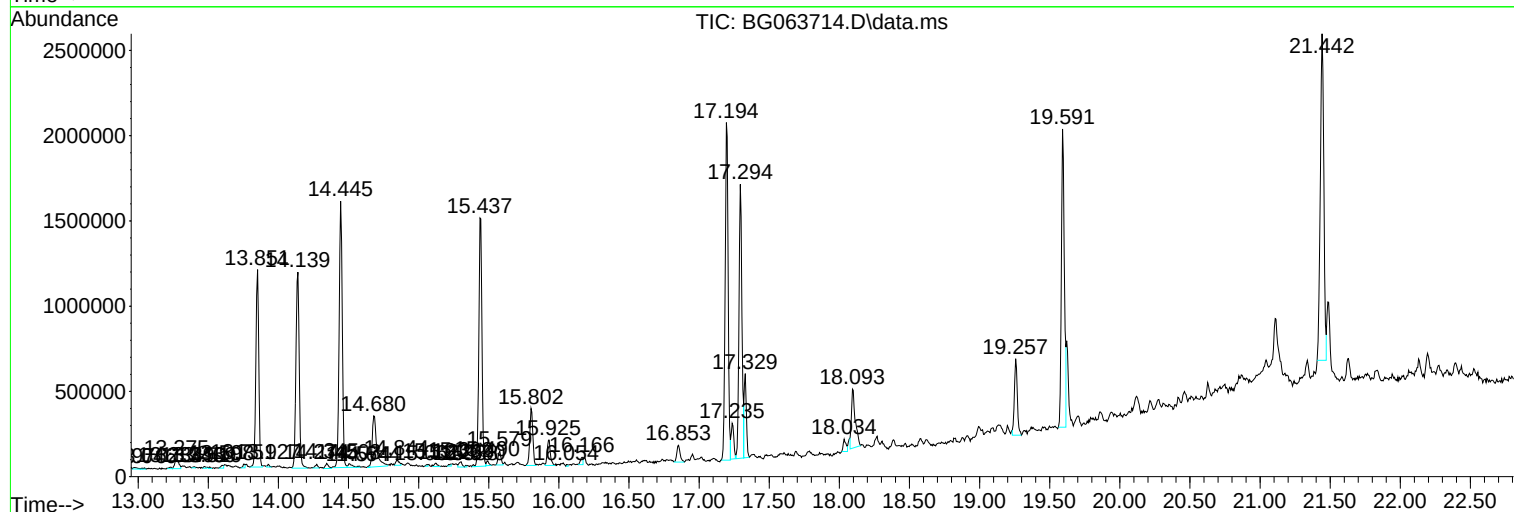
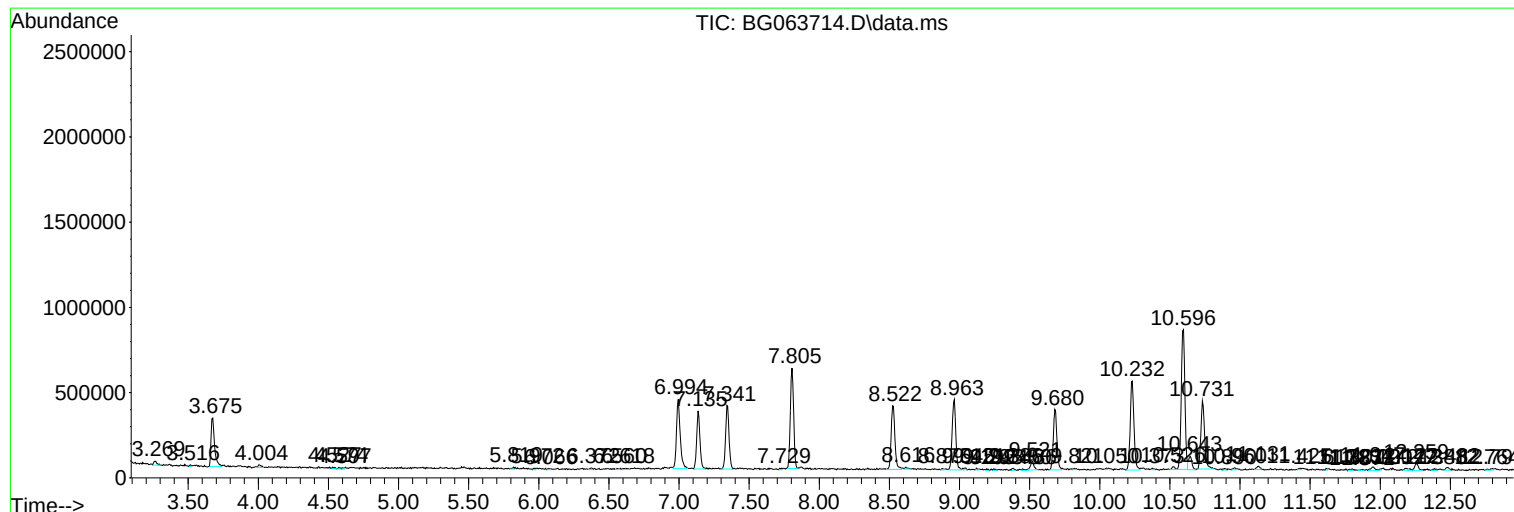
Sum of corrected areas: 36192142

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121724\  
Data File : BG063714.D  
Acq On : 18 Dec 2024 1:34  
Operator : RC/JU  
Sample : P5155-16  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E28W1

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121724\  
Data File : BG063714.D  
Acq On : 18 Dec 2024 1:34  
Operator : RC/JU  
Sample : P5155-16  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E28W1

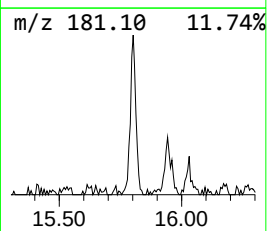
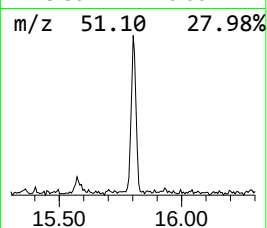
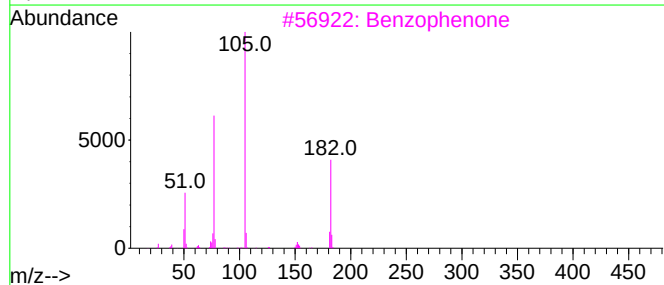
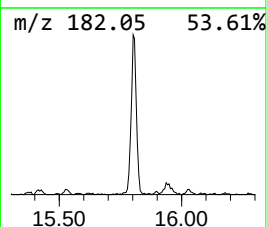
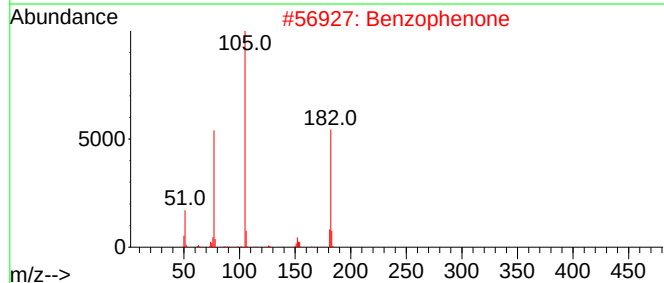
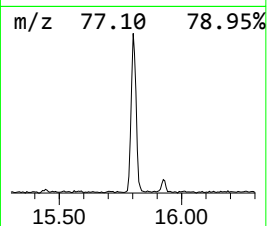
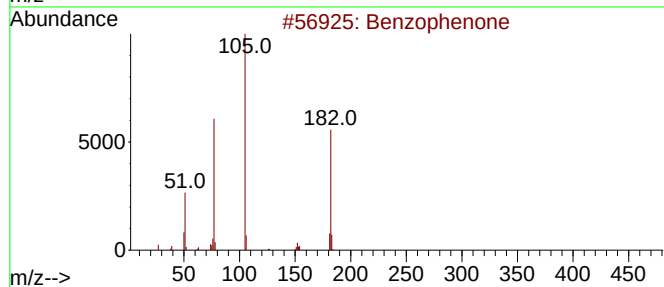
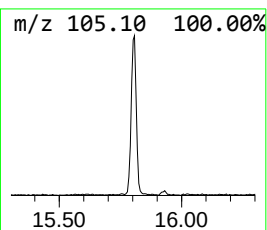
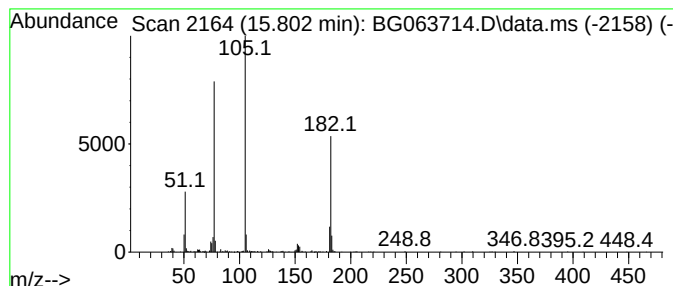
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.802 | 4.22 ng/ul | 502016 | Acenaphthene-d10 | 14.445 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O  | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O  | 000119-61-9 | 95   |
| 3    |    |   | Benzophenone | 182 | C13H10O  | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone | 182 | C13H10O  | 000119-61-9 | 94   |
| 5    |    |   | Azobenzene   | 182 | C12H10N2 | 000103-33-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121724\  
Data File : BG063714.D  
Acq On : 18 Dec 2024 1:34  
Operator : RC/JU  
Sample : P5155-16  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E28W1

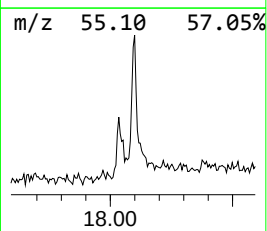
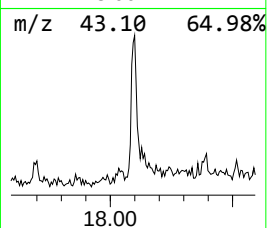
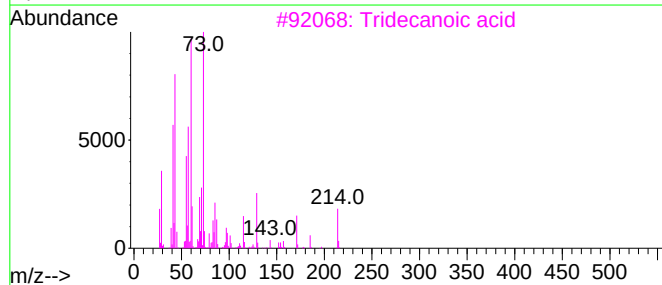
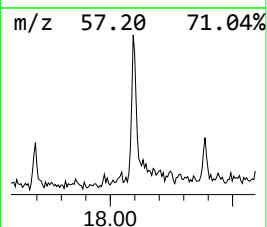
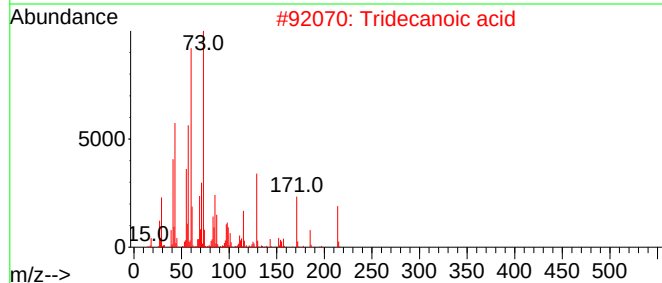
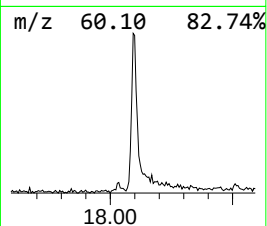
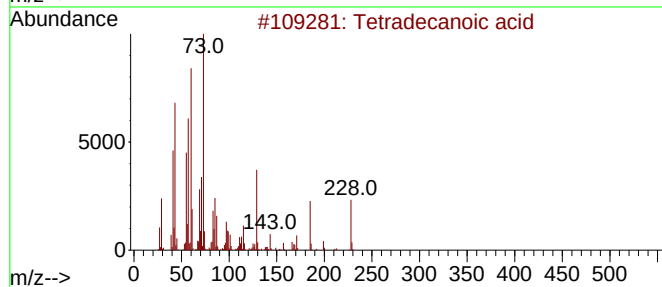
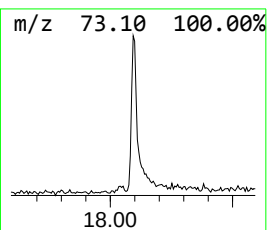
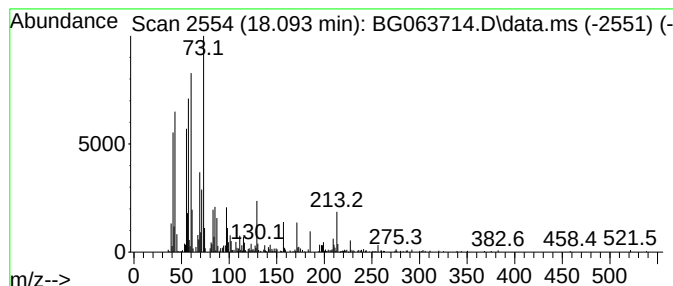
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Tetradecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.093 | 4.50 ng/ul | 663491 | Phenanthrene-d10 | 17.194 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 95   |
| 2    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 91   |
| 3    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 91   |
| 4    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 87   |
| 5    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121724\  
Data File : BG063714.D  
Acq On : 18 Dec 2024 1:34  
Operator : RC/JU  
Sample : P5155-16  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E28W1

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 15.802 | 4.2     | ng/ul | 502016   | 3                     | 14.445 | 2377820 | 20.0 |
| Tetradecanoic acid | 18.093 | 4.5     | ng/ul | 663491   | 4                     | 17.194 | 2948120 | 20.0 |