

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050123\  
 Data File : BG057260.D  
 Acq On : 1 May 2023 21:54  
 Operator : CG/JU  
 Sample : 02418-23  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW8Z7

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-BG042823.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG057260.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         | 4.214       | 111           | 115         | 120          | rBV2     | 3381           | 4865          | 1.74%           | 0.186%        |
| 2         | 4.343       | 133           | 137         | 144          | rBV3     | 1601           | 2702          | 0.97%           | 0.103%        |
| 3         | 4.454       | 153           | 156         | 164          | rBV2     | 1991           | 3310          | 1.19%           | 0.126%        |
| 4         | 5.406       | 313           | 318         | 319          | rBV3     | 1097           | 1503          | 0.54%           | 0.057%        |
| 5         | 6.017       | 420           | 422         | 429          | rVB2     | 1073           | 1535          | 0.55%           | 0.059%        |
| 6         | 7.309       | 636           | 642         | 645          | rBV      | 614            | 949           | 0.34%           | 0.036%        |
| 7         | 7.450       | 662           | 666         | 668          | rVB3     | 913            | 984           | 0.35%           | 0.038%        |
| 8         | 7.521       | 672           | 678         | 685          | rBV2     | 25564          | 44776         | 16.03%          | 1.710%        |
| 9         | 7.685       | 700           | 706         | 713          | rBV      | 19129          | 30231         | 10.83%          | 1.155%        |
| 10        | 7.909       | 738           | 744         | 751          | rVB      | 25114          | 41304         | 14.79%          | 1.578%        |
| 11        | 7.973       | 751           | 755         | 759          | rBV3     | 1388           | 1840          | 0.66%           | 0.070%        |
| 12        | 8.384       | 818           | 825         | 834          | rVB      | 66373          | 110459        | 39.55%          | 4.219%        |
| 13        | 9.084       | 938           | 944         | 951          | rBV2     | 25118          | 40953         | 14.66%          | 1.564%        |
| 14        | 9.207       | 958           | 965         | 972          | rBV      | 6877           | 13098         | 4.69%           | 0.500%        |
| 15        | 9.559       | 1018          | 1025        | 1035         | rVB2     | 25827          | 48737         | 17.45%          | 1.862%        |
| 16        | 10.288      | 1143          | 1149        | 1156         | rBV2     | 23419          | 40039         | 14.34%          | 1.529%        |
| 17        | 10.646      | 1207          | 1210        | 1215         | rVB2     | 782            | 1120          | 0.40%           | 0.043%        |
| 18        | 10.834      | 1236          | 1242        | 1252         | rVB      | 31814          | 54959         | 19.68%          | 2.099%        |
| 19        | 11.145      | 1291          | 1295        | 1300         | rBV3     | 2536           | 3876          | 1.39%           | 0.148%        |
| 20        | 11.222      | 1300          | 1308        | 1314         | rVV      | 91454          | 162069        | 58.04%          | 6.191%        |
| 21        | 11.269      | 1314          | 1316        | 1320         | rVV      | 1128           | 1422          | 0.51%           | 0.054%        |
| 22        | 11.345      | 1320          | 1329        | 1337         | rVV4     | 16711          | 31216         | 11.18%          | 1.192%        |
| 23        | 11.651      | 1377          | 1381        | 1384         | rBV2     | 1630           | 2268          | 0.81%           | 0.087%        |
| 24        | 11.903      | 1419          | 1424        | 1428         | rVB3     | 1160           | 1737          | 0.62%           | 0.066%        |
| 25        | 12.003      | 1437          | 1441        | 1442         | rBV2     | 876            | 1240          | 0.44%           | 0.047%        |
| 26        | 12.185      | 1468          | 1472        | 1479         | rBV4     | 3978           | 5665          | 2.03%           | 0.216%        |
| 27        | 12.567      | 1532          | 1537        | 1544         | rBV3     | 4645           | 7744          | 2.77%           | 0.296%        |
| 28        | 12.655      | 1547          | 1552        | 1554         | rBV2     | 857            | 1038          | 0.37%           | 0.040%        |
| 29        | 12.773      | 1568          | 1572        | 1574         | rBV      | 1195           | 1605          | 0.57%           | 0.061%        |
| 30        | 12.790      | 1574          | 1575        | 1578         | rVV2     | 1359           | 927           | 0.33%           | 0.035%        |
| 31        | 12.849      | 1580          | 1585        | 1589         | rBV2     | 2508           | 3569          | 1.28%           | 0.136%        |
| 32        | 13.066      | 1619          | 1622        | 1625         | rBV      | 1317           | 1843          | 0.66%           | 0.070%        |
| 33        | 13.190      | 1640          | 1643        | 1645         | rBV      | 1198           | 979           | 0.35%           | 0.037%        |
| 34        | 13.366      | 1667          | 1673        | 1677         | rBV2     | 1582           | 2729          | 0.98%           | 0.104%        |
| 35        | 13.454      | 1684          | 1688        | 1691         | rBV3     | 1786           | 2033          | 0.73%           | 0.078%        |
| 36        | 13.507      | 1691          | 1697        | 1703         | rVB4     | 5422           | 9278          | 3.32%           | 0.354%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050123\  
 Data File : BG057260.D  
 Acq On : 1 May 2023 21:54  
 Operator : CG/JU  
 Sample : 02418-23  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW8Z7

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-BG042823.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 37 | 13.783 | 1738 | 1744 | 1751 | rBV4 | 5423 | 10772 | 3.86% | 0.411% |
| 38 | 13.836 | 1751 | 1753 | 1754 | rVV2 | 1388 | 1017  | 0.36% | 0.039% |
| 39 | 13.854 | 1754 | 1756 | 1761 | rVV3 | 777  | 1080  | 0.39% | 0.041% |
| 40 | 13.918 | 1763 | 1767 | 1770 | rVB3 | 849  | 1365  | 0.49% | 0.052% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 41 | 14.018 | 1782 | 1784 | 1790 | rBV2 | 822  | 1143 | 0.41% | 0.044% |
| 42 | 14.089 | 1791 | 1796 | 1799 | rBV3 | 660  | 1032 | 0.37% | 0.039% |
| 43 | 14.159 | 1804 | 1808 | 1809 | rVV2 | 952  | 1224 | 0.44% | 0.047% |
| 44 | 14.177 | 1809 | 1811 | 1812 | rVV2 | 1493 | 1127 | 0.40% | 0.043% |
| 45 | 14.229 | 1815 | 1820 | 1821 | rBV  | 982  | 1264 | 0.45% | 0.048% |

|    |        |      |      |      |      |       |       |        |        |
|----|--------|------|------|------|------|-------|-------|--------|--------|
| 46 | 14.259 | 1824 | 1825 | 1829 | rBV3 | 762   | 903   | 0.32%  | 0.034% |
| 47 | 14.318 | 1829 | 1835 | 1837 | rBV3 | 1838  | 3099  | 1.11%  | 0.118% |
| 48 | 14.376 | 1839 | 1845 | 1851 | rVV  | 68850 | 99050 | 35.47% | 3.784% |
| 49 | 14.429 | 1851 | 1854 | 1859 | rVV4 | 7860  | 11320 | 4.05%  | 0.432% |
| 50 | 14.482 | 1859 | 1863 | 1865 | rVB4 | 969   | 1146  | 0.41%  | 0.044% |

|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 51 | 14.529 | 1869 | 1871 | 1872 | rBV2 | 1189  | 1000   | 0.36%  | 0.038% |
| 52 | 14.553 | 1872 | 1875 | 1878 | rVV4 | 2183  | 2618   | 0.94%  | 0.100% |
| 53 | 14.582 | 1878 | 1880 | 1885 | rVB3 | 1155  | 1553   | 0.56%  | 0.059% |
| 54 | 14.641 | 1886 | 1890 | 1893 | rVB  | 1135  | 1634   | 0.59%  | 0.062% |
| 55 | 14.694 | 1893 | 1899 | 1906 | rBV  | 73778 | 114706 | 41.08% | 4.382% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 14.840 | 1920 | 1924 | 1928 | rVB2 | 5903   | 7403   | 2.65%  | 0.283% |
| 57 | 14.999 | 1944 | 1951 | 1958 | rVB  | 150495 | 242972 | 87.01% | 9.281% |
| 58 | 15.052 | 1958 | 1960 | 1965 | rBV3 | 1551   | 2277   | 0.82%  | 0.087% |
| 59 | 15.193 | 1979 | 1984 | 1993 | rBV3 | 13826  | 25745  | 9.22%  | 0.983% |
| 60 | 15.269 | 1995 | 1997 | 2001 | rBV3 | 1135   | 1821   | 0.65%  | 0.070% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 61 | 15.322 | 2004 | 2006 | 2007 | rBV2 | 1465 | 953  | 0.34% | 0.036% |
| 62 | 15.381 | 2013 | 2016 | 2021 | rVB4 | 3051 | 5218 | 1.87% | 0.199% |
| 63 | 15.451 | 2023 | 2028 | 2032 | rBV5 | 3080 | 5300 | 1.90% | 0.202% |
| 64 | 15.522 | 2038 | 2040 | 2043 | rVB  | 1463 | 1446 | 0.52% | 0.055% |
| 65 | 15.598 | 2049 | 2053 | 2058 | rBV2 | 1628 | 2575 | 0.92% | 0.098% |

|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 66 | 15.651 | 2058 | 2062 | 2065 | rBV2 | 2118  | 2729   | 0.98%  | 0.104% |
| 67 | 15.680 | 2065 | 2067 | 2071 | rVB  | 1284  | 1199   | 0.43%  | 0.046% |
| 68 | 15.739 | 2075 | 2077 | 2079 | rBV2 | 1344  | 1303   | 0.47%  | 0.050% |
| 69 | 15.786 | 2079 | 2085 | 2090 | rVB3 | 7098  | 11458  | 4.10%  | 0.438% |
| 70 | 15.980 | 2112 | 2118 | 2124 | rBV  | 93961 | 138761 | 49.69% | 5.300% |

|    |        |      |      |      |      |       |       |        |        |
|----|--------|------|------|------|------|-------|-------|--------|--------|
| 71 | 16.098 | 2134 | 2138 | 2144 | rVB4 | 6527  | 9892  | 3.54%  | 0.378% |
| 72 | 16.186 | 2145 | 2153 | 2158 | rBV2 | 7342  | 12556 | 4.50%  | 0.480% |
| 73 | 16.227 | 2158 | 2160 | 2162 | rVB2 | 1472  | 857   | 0.31%  | 0.033% |
| 74 | 16.280 | 2166 | 2169 | 2172 | rBV5 | 1291  | 1820  | 0.65%  | 0.070% |
| 75 | 16.327 | 2172 | 2177 | 2186 | rVB  | 50740 | 74245 | 26.59% | 2.836% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 16.409 | 2188 | 2191 | 2195 | rBV2 | 1353 | 2002 | 0.72% | 0.076% |
|----|--------|------|------|------|------|------|------|-------|--------|

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050123\  
 Data File : BG057260.D  
 Acq On : 1 May 2023 21:54  
 Operator : CG/JU  
 Sample : 02418-23  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW8Z7

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-BG042823.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 77  | 16.468 | 2199 | 2201 | 2203 | rBV  | 1935   | 2201   | 0.79%   | 0.084%  |
| 78  | 16.538 | 2208 | 2213 | 2216 | rBV5 | 1414   | 2787   | 1.00%   | 0.106%  |
| 79  | 16.667 | 2226 | 2235 | 2241 | rBV2 | 18176  | 38533  | 13.80%  | 1.472%  |
| 80  | 16.896 | 2269 | 2274 | 2281 | rVB2 | 7916   | 12611  | 4.52%   | 0.482%  |
| 81  | 17.090 | 2304 | 2307 | 2308 | rBV2 | 1101   | 1299   | 0.47%   | 0.050%  |
| 82  | 17.255 | 2332 | 2335 | 2341 | rBV4 | 3405   | 6058   | 2.17%   | 0.231%  |
| 83  | 17.372 | 2351 | 2355 | 2356 | rBV4 | 1897   | 2229   | 0.80%   | 0.085%  |
| 84  | 17.431 | 2361 | 2365 | 2369 | rVV4 | 7551   | 10371  | 3.71%   | 0.396%  |
| 85  | 17.484 | 2371 | 2374 | 2378 | rVB2 | 5084   | 6791   | 2.43%   | 0.259%  |
| 86  | 17.672 | 2402 | 2406 | 2409 | rBV4 | 1310   | 2018   | 0.72%   | 0.077%  |
| 87  | 17.737 | 2409 | 2417 | 2422 | rBV  | 179557 | 279257 | 100.00% | 10.667% |
| 88  | 17.778 | 2422 | 2424 | 2428 | rVB  | 18829  | 20768  | 7.44%   | 0.793%  |
| 89  | 17.831 | 2428 | 2433 | 2439 | rBV  | 86199  | 134873 | 48.30%  | 5.152%  |
| 90  | 17.971 | 2455 | 2457 | 2462 | rVV3 | 2046   | 2061   | 0.74%   | 0.079%  |
| 91  | 18.171 | 2488 | 2491 | 2500 | rVB7 | 7733   | 14148  | 5.07%   | 0.540%  |
| 92  | 18.242 | 2500 | 2503 | 2504 | rBV3 | 1612   | 1451   | 0.52%   | 0.055%  |
| 93  | 18.300 | 2511 | 2513 | 2514 | rBV2 | 1464   | 1045   | 0.37%   | 0.040%  |
| 94  | 18.577 | 2556 | 2560 | 2568 | rBV6 | 10585  | 24700  | 8.84%   | 0.943%  |
| 95  | 18.647 | 2570 | 2572 | 2575 | rVB3 | 9331   | 9512   | 3.41%   | 0.363%  |
| 96  | 18.929 | 2618 | 2620 | 2621 | rBV  | 2736   | 2255   | 0.81%   | 0.086%  |
| 97  | 19.094 | 2643 | 2648 | 2653 | rBV7 | 5163   | 11551  | 4.14%   | 0.441%  |
| 98  | 19.769 | 2758 | 2763 | 2767 | rBV  | 45684  | 64047  | 22.93%  | 2.446%  |
| 99  | 20.098 | 2814 | 2819 | 2823 | rBV  | 131632 | 204374 | 73.18%  | 7.807%  |
| 100 | 22.048 | 3145 | 3151 | 3156 | rVB  | 148781 | 268802 | 96.26%  | 10.268% |

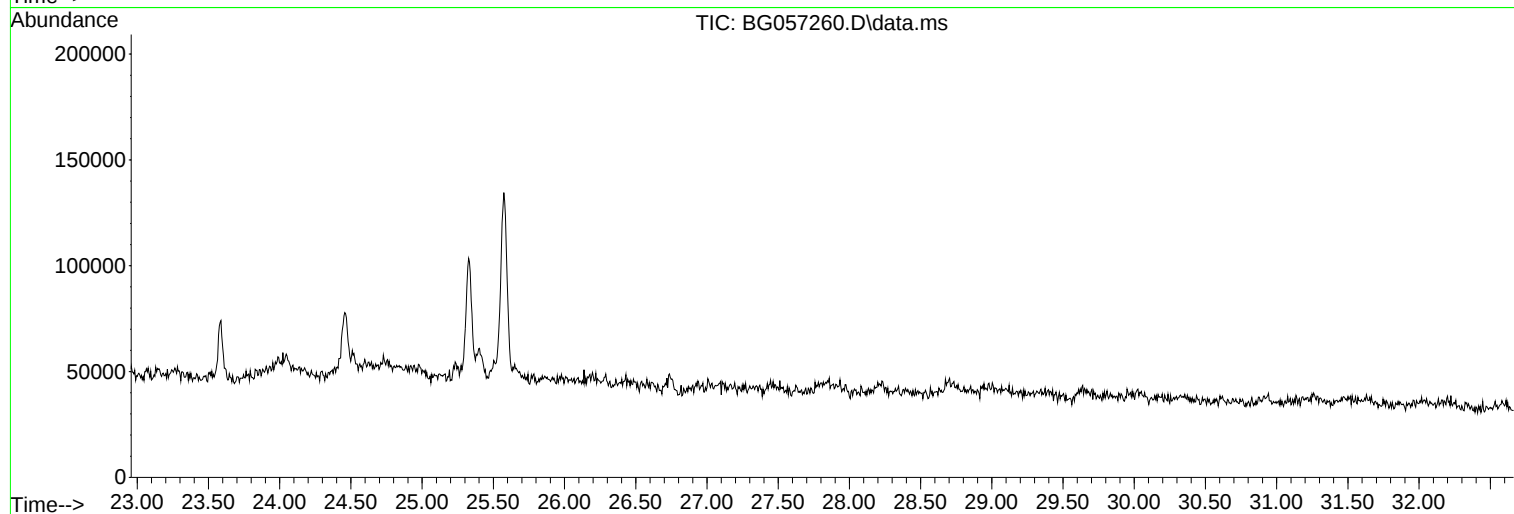
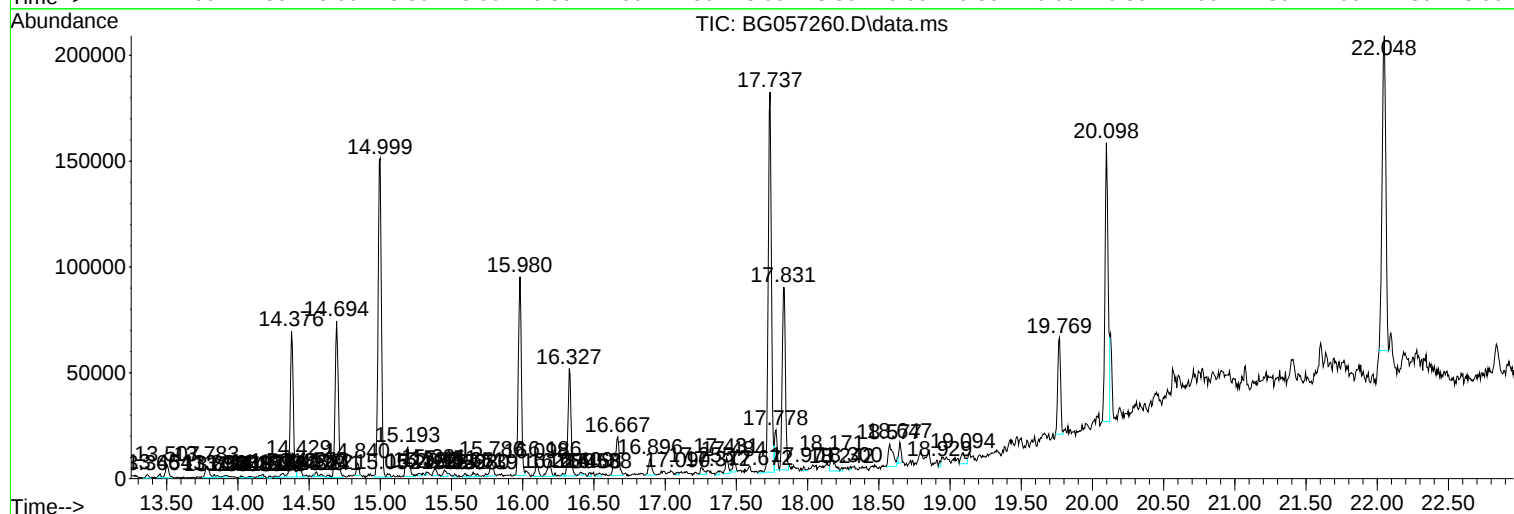
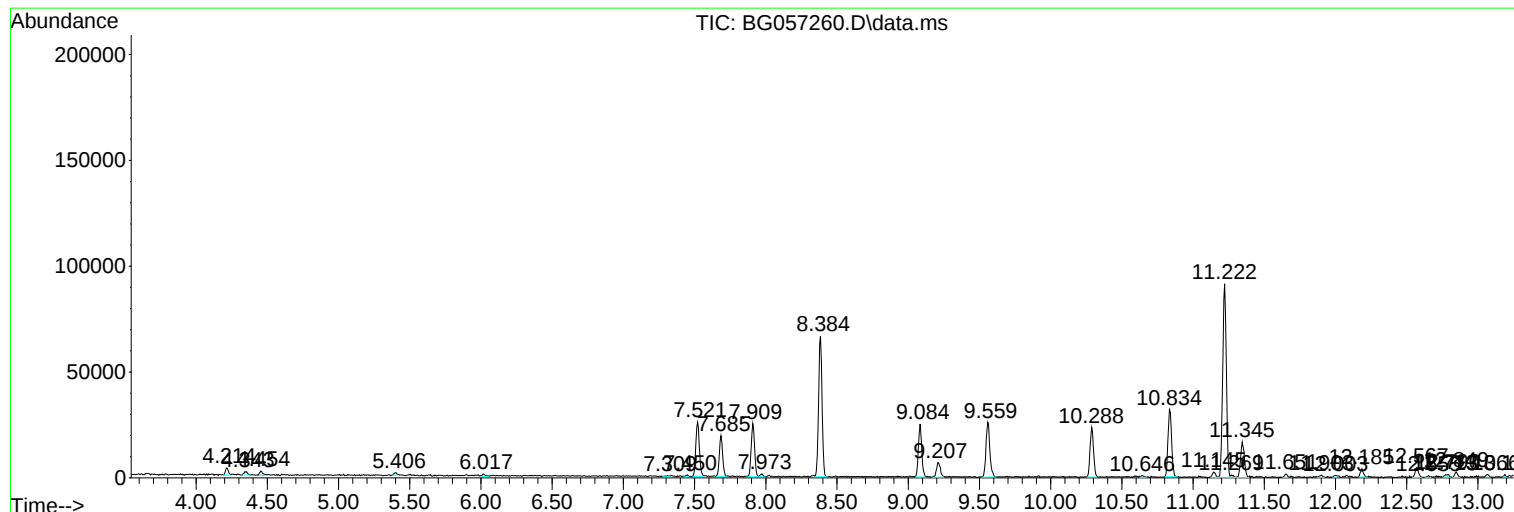
Sum of corrected areas: 2617929

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050123\  
Data File : BG057260.D  
Acq On : 1 May 2023 21:54  
Operator : CG/JU  
Sample : 02418-23  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8Z7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.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\BG050123\  
Data File : BG057260.D  
Acq On : 1 May 2023 21:54  
Operator : CG/JU  
Sample : 02418-23  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8Z7

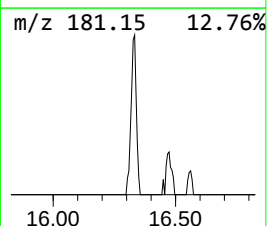
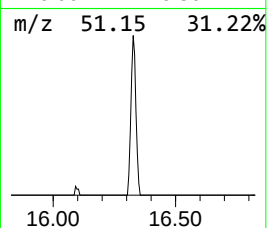
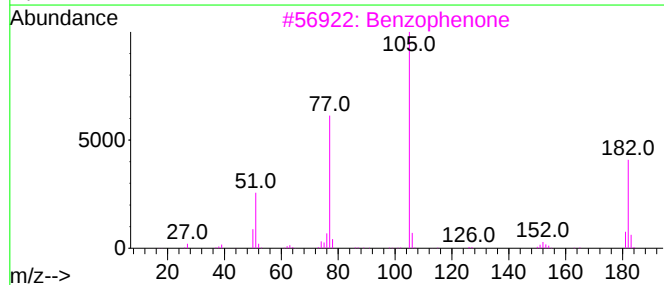
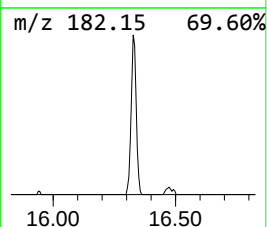
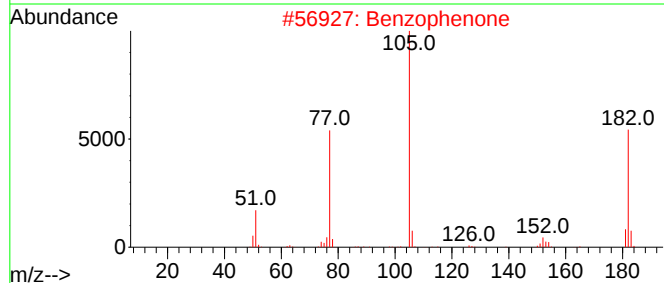
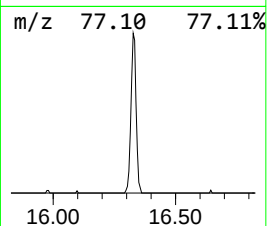
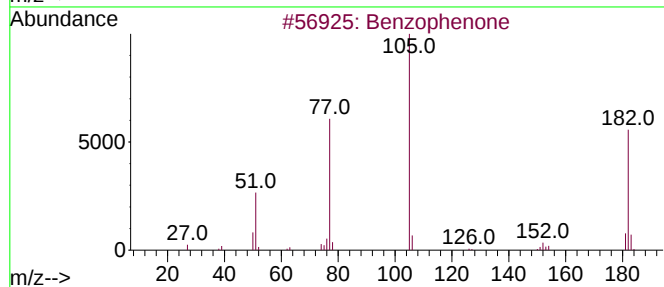
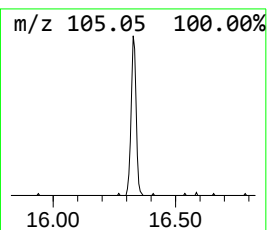
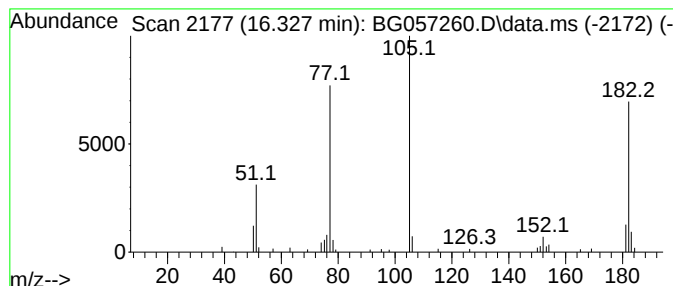
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|-------|------------------|--------|
| 16.327 | 6.11 ng/ul | 74245 | Acenaphthene-d10 | 14.999 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050123\  
Data File : BG057260.D  
Acq On : 1 May 2023 21:54  
Operator : CG/JU  
Sample : 02418-23  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8Z7

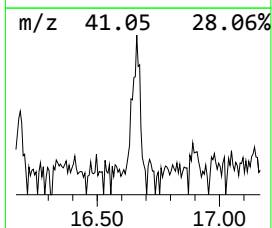
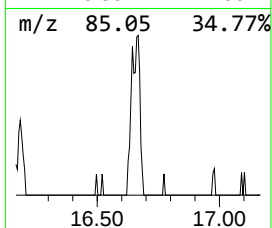
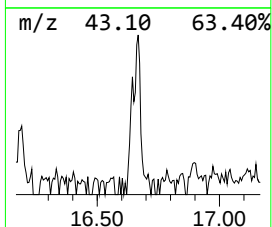
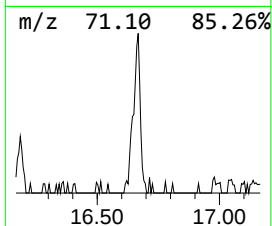
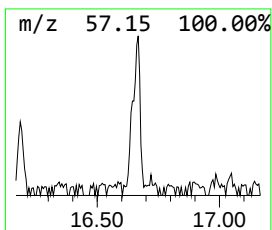
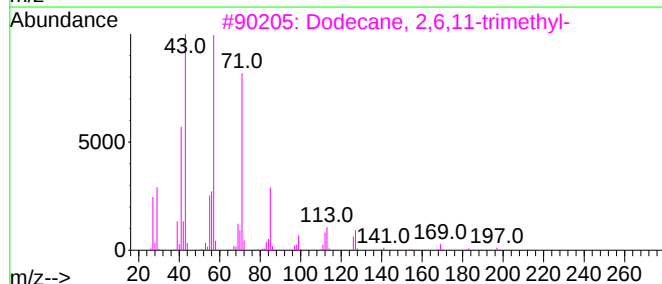
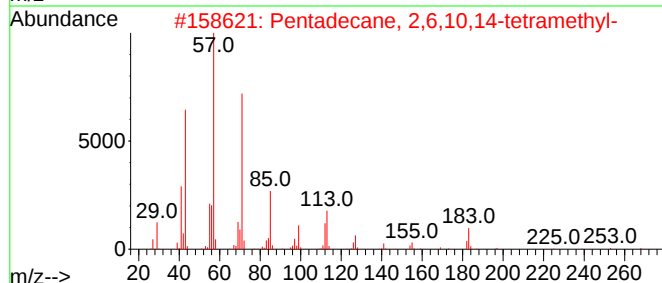
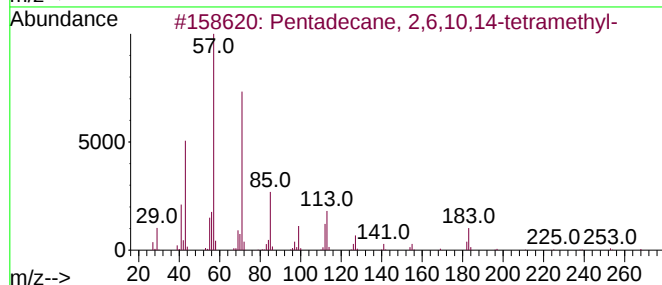
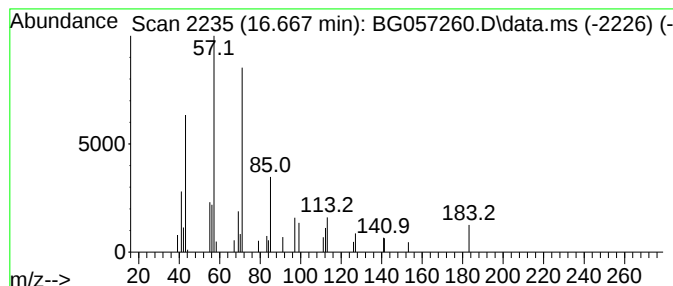
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 16.667    | 2.76 ng/ul                          | 38533 | Phenanthrene-d10 | 17.736      |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | Pentadecane, 2,6,10,14-tetramethyl- | 268   | C19H40           | 001921-70-6 | 86   |
| 2         | Pentadecane, 2,6,10,14-tetramethyl- | 268   | C19H40           | 001921-70-6 | 86   |
| 3         | Dodecane, 2,6,11-trimethyl-         | 212   | C15H32           | 031295-56-4 | 72   |
| 4         | Nonane, 2-methyl-5-propyl-          | 184   | C13H28           | 031081-17-1 | 59   |
| 5         | Octane, 3,6-dimethyl-               | 142   | C10H22           | 015869-94-0 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050123\  
Data File : BG057260.D  
Acq On : 1 May 2023 21:54  
Operator : CG/JU  
Sample : 02418-23  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8Z7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 16.327 | 6.1     | ng/u1 | 74245    | 3                     | 14.999 | 242972 | 20.0 |
| (DEL) Alkane: S... | 16.667 | 2.8     | ng/u1 | 38533    | 4                     | 17.736 | 279257 | 20.0 |