

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122624\  
 Data File : BG063866.D  
 Acq On : 27 Dec 2024 13:37  
 Operator : RC/JU  
 Sample : P5324-20  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YE644

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: BG063866.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         | 3.672       | 95            | 99          | 110          | rBV      | 146884         | 268023        | 12.05%          | 1.129%        |
| 2         | 5.763       | 453           | 455         | 457          | rBV2     | 6765           | 6047          | 0.27%           | 0.025%        |
| 3         | 6.480       | 576           | 577         | 581          | rVB      | 10009          | 6824          | 0.31%           | 0.029%        |
| 4         | 6.985       | 656           | 663         | 673          | rVB2     | 228908         | 445338        | 20.02%          | 1.876%        |
| 5         | 7.126       | 682           | 687         | 696          | rVB      | 187859         | 311762        | 14.02%          | 1.313%        |
| 6         | 7.332       | 716           | 722         | 730          | rBV      | 217654         | 395622        | 17.79%          | 1.666%        |
| 7         | 7.796       | 793           | 801         | 809          | rBV      | 392345         | 679338        | 30.55%          | 2.861%        |
| 8         | 8.513       | 917           | 923         | 932          | rBV      | 281057         | 511344        | 22.99%          | 2.154%        |
| 9         | 8.848       | 975           | 980         | 982          | rBV4     | 5205           | 7902          | 0.36%           | 0.033%        |
| 10        | 8.954       | 991           | 998         | 1006         | rVV      | 228510         | 412141        | 18.53%          | 1.736%        |
| 11        | 9.212       | 1040          | 1042        | 1048         | rVB6     | 7488           | 11354         | 0.51%           | 0.048%        |
| 12        | 9.371       | 1066          | 1069        | 1070         | rBV4     | 6098           | 7270          | 0.33%           | 0.031%        |
| 13        | 9.506       | 1089          | 1092        | 1098         | rVB2     | 26626          | 37918         | 1.70%           | 0.160%        |
| 14        | 9.624       | 1109          | 1112        | 1114         | rBV2     | 5099           | 5937          | 0.27%           | 0.025%        |
| 15        | 9.671       | 1114          | 1120        | 1128         | rBV2     | 186159         | 335510        | 15.09%          | 1.413%        |
| 16        | 9.776       | 1132          | 1138        | 1142         | rBV5     | 25376          | 48234         | 2.17%           | 0.203%        |
| 17        | 9.864       | 1150          | 1153        | 1156         | rBV      | 6364           | 7874          | 0.35%           | 0.033%        |
| 18        | 9.953       | 1162          | 1168        | 1170         | rBV5     | 14513          | 22113         | 0.99%           | 0.093%        |
| 19        | 9.994       | 1171          | 1175        | 1181         | rVV5     | 33833          | 55690         | 2.50%           | 0.235%        |
| 20        | 10.111      | 1193          | 1195        | 1196         | rBV      | 8966           | 6206          | 0.28%           | 0.026%        |
| 21        | 10.129      | 1196          | 1198        | 1200         | rVV2     | 11357          | 10887         | 0.49%           | 0.046%        |
| 22        | 10.223      | 1207          | 1214        | 1225         | rBV2     | 277351         | 533542        | 23.99%          | 2.247%        |
| 23        | 10.293      | 1225          | 1226        | 1229         | rVB2     | 12314          | 9843          | 0.44%           | 0.041%        |
| 24        | 10.329      | 1229          | 1232        | 1234         | rBV2     | 8828           | 11696         | 0.53%           | 0.049%        |
| 25        | 10.587      | 1268          | 1276        | 1282         | rBV      | 521037         | 934870        | 42.04%          | 3.938%        |
| 26        | 10.634      | 1282          | 1284        | 1291         | rVB2     | 22730          | 27052         | 1.22%           | 0.114%        |
| 27        | 10.728      | 1293          | 1300        | 1309         | rBV      | 233835         | 472691        | 21.25%          | 1.991%        |
| 28        | 11.134      | 1365          | 1369        | 1375         | rVB7     | 13854          | 23563         | 1.06%           | 0.099%        |
| 29        | 11.633      | 1447          | 1454        | 1455         | rBV3     | 10795          | 22874         | 1.03%           | 0.096%        |
| 30        | 11.862      | 1490          | 1493        | 1496         | rBV2     | 6464           | 6977          | 0.31%           | 0.029%        |
| 31        | 11.938      | 1504          | 1506        | 1508         | rBV2     | 13912          | 14187         | 0.64%           | 0.060%        |
| 32        | 12.003      | 1513          | 1517        | 1518         | rBV      | 8393           | 6664          | 0.30%           | 0.028%        |
| 33        | 12.250      | 1556          | 1559        | 1562         | rBV4     | 9218           | 13931         | 0.63%           | 0.059%        |
| 34        | 12.373      | 1578          | 1580        | 1583         | rVV4     | 6430           | 7119          | 0.32%           | 0.030%        |
| 35        | 12.426      | 1583          | 1589        | 1590         | rVV5     | 5155           | 9443          | 0.42%           | 0.040%        |
| 36        | 12.503      | 1600          | 1602        | 1606         | rBV2     | 5322           | 6763          | 0.30%           | 0.028%        |

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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 | 12.837 | 1654 | 1659 | 1662 | rBV5 | 6233 | 10494 | 0.47% | 0.044% |
| 38 | 12.914 | 1669 | 1672 | 1674 | rBV2 | 6373 | 5820  | 0.26% | 0.025% |
| 39 | 12.967 | 1677 | 1681 | 1685 | rVB5 | 7519 | 10026 | 0.45% | 0.042% |
| 40 | 13.025 | 1688 | 1691 | 1694 | rBV3 | 6917 | 9304  | 0.42% | 0.039% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 13.196 | 1718 | 1720 | 1721 | rBV  | 6047  | 5874  | 0.26% | 0.025% |
| 42 | 13.266 | 1727 | 1732 | 1736 | rBV5 | 16408 | 26829 | 1.21% | 0.113% |
| 43 | 13.460 | 1764 | 1765 | 1768 | rBV  | 7307  | 6146  | 0.28% | 0.026% |
| 44 | 13.642 | 1795 | 1796 | 1799 | rVV2 | 6679  | 5976  | 0.27% | 0.025% |
| 45 | 13.772 | 1815 | 1818 | 1821 | rVV4 | 5788  | 5826  | 0.26% | 0.025% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 46 | 13.842 | 1823 | 1830 | 1839 | rBV  | 561554 | 850558 | 38.24% | 3.582% |
| 47 | 13.918 | 1842 | 1843 | 1847 | rVB3 | 6666   | 6525   | 0.29%  | 0.027% |
| 48 | 14.030 | 1860 | 1862 | 1865 | rBV3 | 5183   | 5830   | 0.26%  | 0.025% |
| 49 | 14.130 | 1872 | 1879 | 1888 | rBV  | 638447 | 998841 | 44.91% | 4.207% |
| 50 | 14.394 | 1921 | 1924 | 1925 | rBV  | 7205   | 7241   | 0.33%  | 0.030% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 51 | 14.441 | 1925 | 1932 | 1938 | rBV  | 839269 | 1312929 | 59.03% | 5.530% |
| 52 | 14.682 | 1967 | 1973 | 1982 | rBV2 | 138527 | 306912  | 13.80% | 1.293% |
| 53 | 14.941 | 2015 | 2017 | 2020 | rBV3 | 5451   | 6241    | 0.28%  | 0.026% |
| 54 | 15.023 | 2028 | 2031 | 2033 | rBV3 | 7545   | 7323    | 0.33%  | 0.031% |
| 55 | 15.105 | 2040 | 2045 | 2047 | rBV4 | 6544   | 9444    | 0.42%  | 0.040% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 56 | 15.199 | 2058 | 2061 | 2064 | rVB2 | 5806   | 5977    | 0.27%  | 0.025% |
| 57 | 15.334 | 2080 | 2084 | 2087 | rVB4 | 4282   | 6070    | 0.27%  | 0.026% |
| 58 | 15.434 | 2094 | 2101 | 2112 | rBV  | 861752 | 1312982 | 59.04% | 5.530% |
| 59 | 15.569 | 2118 | 2124 | 2135 | rBV  | 152418 | 284519  | 12.79% | 1.198% |
| 60 | 15.675 | 2141 | 2142 | 2145 | rBV3 | 7768   | 7653    | 0.34%  | 0.032% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 15.758 | 2153 | 2156 | 2159 | rBV5 | 7141   | 9638   | 0.43%  | 0.041% |
| 62 | 15.799 | 2159 | 2163 | 2170 | rVB  | 174778 | 248482 | 11.17% | 1.047% |
| 63 | 15.951 | 2182 | 2189 | 2193 | rVV  | 81584  | 123186 | 5.54%  | 0.519% |
| 64 | 16.186 | 2221 | 2229 | 2232 | rVV8 | 10151  | 24611  | 1.11%  | 0.104% |
| 65 | 16.286 | 2242 | 2246 | 2250 | rBV7 | 11254  | 19754  | 0.89%  | 0.083% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 66 | 16.327 | 2250 | 2253 | 2254 | rVV  | 8356  | 5930   | 0.27% | 0.025% |
| 67 | 16.463 | 2271 | 2276 | 2284 | rVV  | 73212 | 123379 | 5.55% | 0.520% |
| 68 | 16.956 | 2356 | 2360 | 2361 | rBV3 | 6561  | 7549   | 0.34% | 0.032% |
| 69 | 16.997 | 2366 | 2367 | 2369 | rVV2 | 9854  | 8520   | 0.38% | 0.036% |
| 70 | 17.015 | 2369 | 2370 | 2372 | rVV2 | 8525  | 6172   | 0.28% | 0.026% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 17.191 | 2394 | 2400 | 2408 | rBV  | 1168972 | 1697745 | 76.34% | 7.151% |
| 72 | 17.291 | 2411 | 2417 | 2425 | rBV  | 1018972 | 1494849 | 67.21% | 6.296% |
| 73 | 17.373 | 2428 | 2431 | 2432 | rBV3 | 5693    | 5925    | 0.27%  | 0.025% |
| 74 | 17.544 | 2459 | 2460 | 2464 | rVB4 | 6207    | 6091    | 0.27%  | 0.026% |
| 75 | 17.691 | 2483 | 2485 | 2489 | rVB4 | 6221    | 6923    | 0.31%  | 0.029% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 17.796 | 2500 | 2503 | 2506 | rVB3 | 7243 | 7927 | 0.36% | 0.033% |
|----|--------|------|------|------|------|------|------|-------|--------|

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

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 17.861 | 2510 | 2514 | 2518 | rBV6 | 9077    | 11735   | 0.53%   | 0.049% |
| 78  | 17.902 | 2518 | 2521 | 2522 | rBV3 | 8062    | 7119    | 0.32%   | 0.030% |
| 79  | 17.996 | 2535 | 2537 | 2540 | rBV3 | 6168    | 7288    | 0.33%   | 0.031% |
| 80  | 18.043 | 2543 | 2545 | 2549 | rVB2 | 6203    | 6670    | 0.30%   | 0.028% |
| 81  | 18.096 | 2549 | 2554 | 2558 | rBV4 | 46059   | 83746   | 3.77%   | 0.353% |
| 82  | 18.390 | 2600 | 2604 | 2608 | rVB5 | 17665   | 28664   | 1.29%   | 0.121% |
| 83  | 18.425 | 2608 | 2610 | 2613 | rBV4 | 6107    | 7532    | 0.34%   | 0.032% |
| 84  | 18.454 | 2613 | 2615 | 2618 | rBV4 | 5540    | 5851    | 0.26%   | 0.025% |
| 85  | 18.631 | 2644 | 2645 | 2651 | rVV5 | 6192    | 7573    | 0.34%   | 0.032% |
| 86  | 18.813 | 2671 | 2676 | 2681 | rVB2 | 84732   | 118425  | 5.32%   | 0.499% |
| 87  | 19.154 | 2729 | 2734 | 2738 | rVV8 | 18319   | 30230   | 1.36%   | 0.127% |
| 88  | 19.230 | 2743 | 2747 | 2752 | rVV4 | 13611   | 25047   | 1.13%   | 0.105% |
| 89  | 19.312 | 2756 | 2761 | 2768 | rVB  | 163206  | 229535  | 10.32%  | 0.967% |
| 90  | 19.359 | 2768 | 2769 | 2771 | rBV2 | 7557    | 6293    | 0.28%   | 0.027% |
| 91  | 19.447 | 2781 | 2784 | 2785 | rBV3 | 7754    | 9873    | 0.44%   | 0.042% |
| 92  | 19.500 | 2791 | 2793 | 2794 | rBV2 | 6274    | 5765    | 0.26%   | 0.024% |
| 93  | 19.524 | 2794 | 2797 | 2798 | rBV2 | 10387   | 9601    | 0.43%   | 0.040% |
| 94  | 19.594 | 2802 | 2809 | 2814 | rBV  | 1287825 | 1890753 | 85.02%  | 7.964% |
| 95  | 19.682 | 2822 | 2824 | 2829 | rVB5 | 24375   | 27434   | 1.23%   | 0.116% |
| 96  | 20.252 | 2919 | 2921 | 2923 | rBV3 | 11818   | 5837    | 0.26%   | 0.025% |
| 97  | 21.104 | 3062 | 3066 | 3076 | rBV3 | 169981  | 323104  | 14.53%  | 1.361% |
| 98  | 21.445 | 3118 | 3124 | 3133 | rBV2 | 1324682 | 2137098 | 96.09%  | 9.001% |
| 99  | 24.253 | 3593 | 3602 | 3614 | rBV  | 688275  | 1826420 | 82.12%  | 7.693% |
| 100 | 24.459 | 3629 | 3637 | 3650 | rVB  | 811354  | 2224015 | 100.00% | 9.367% |

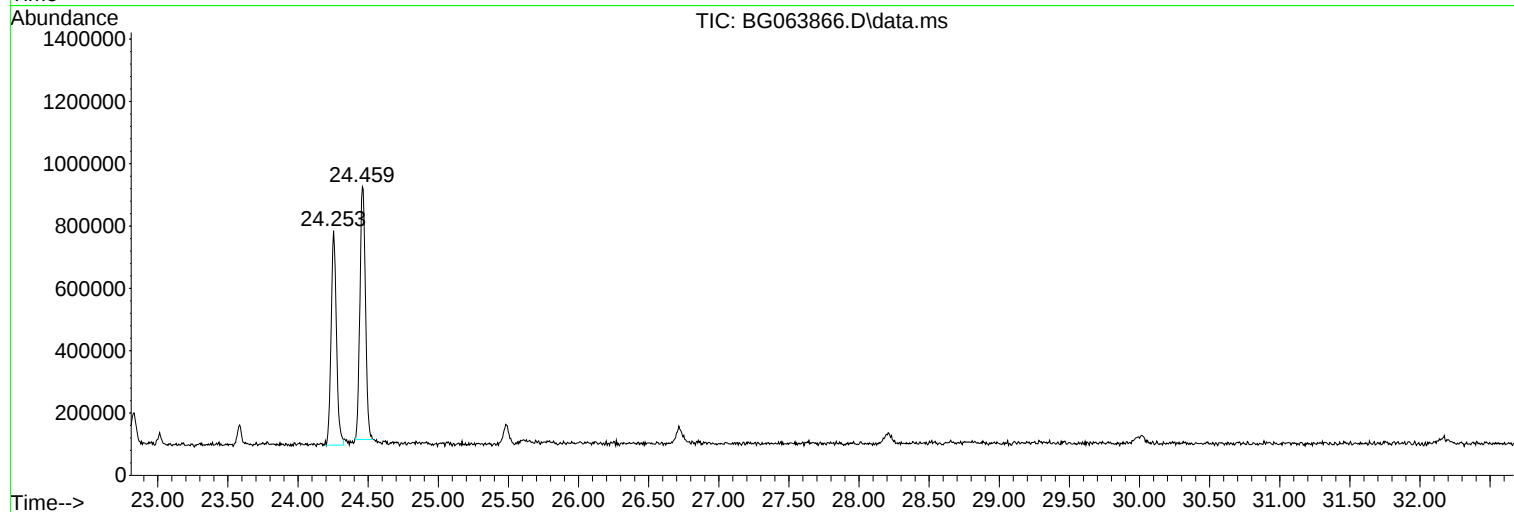
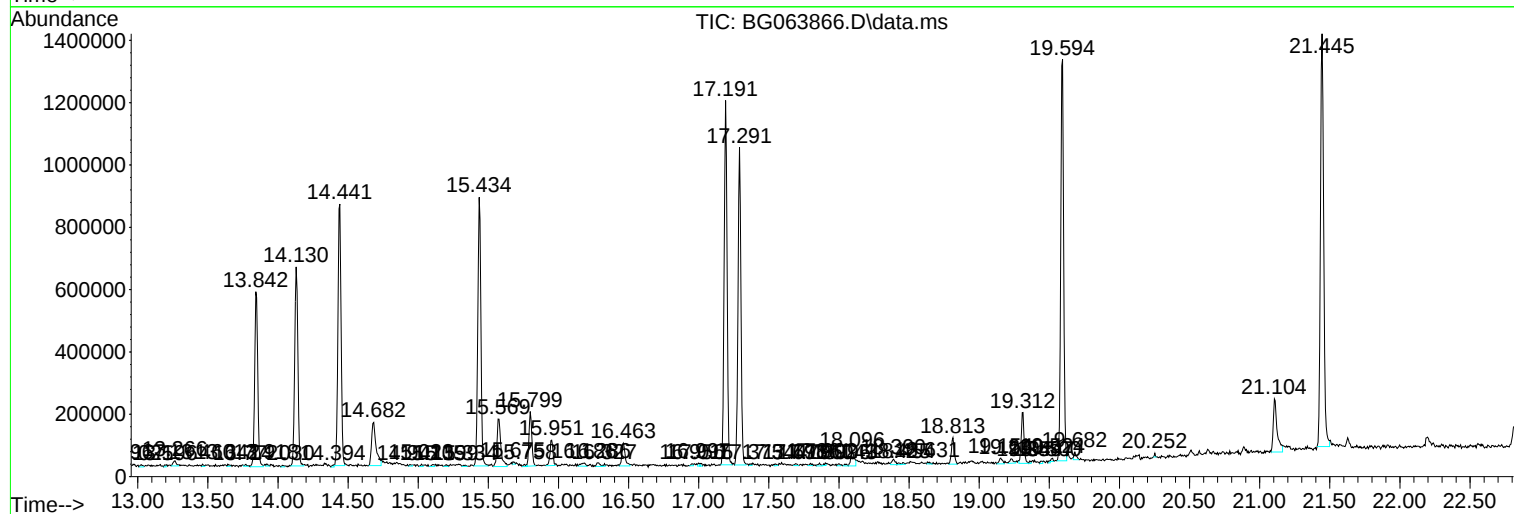
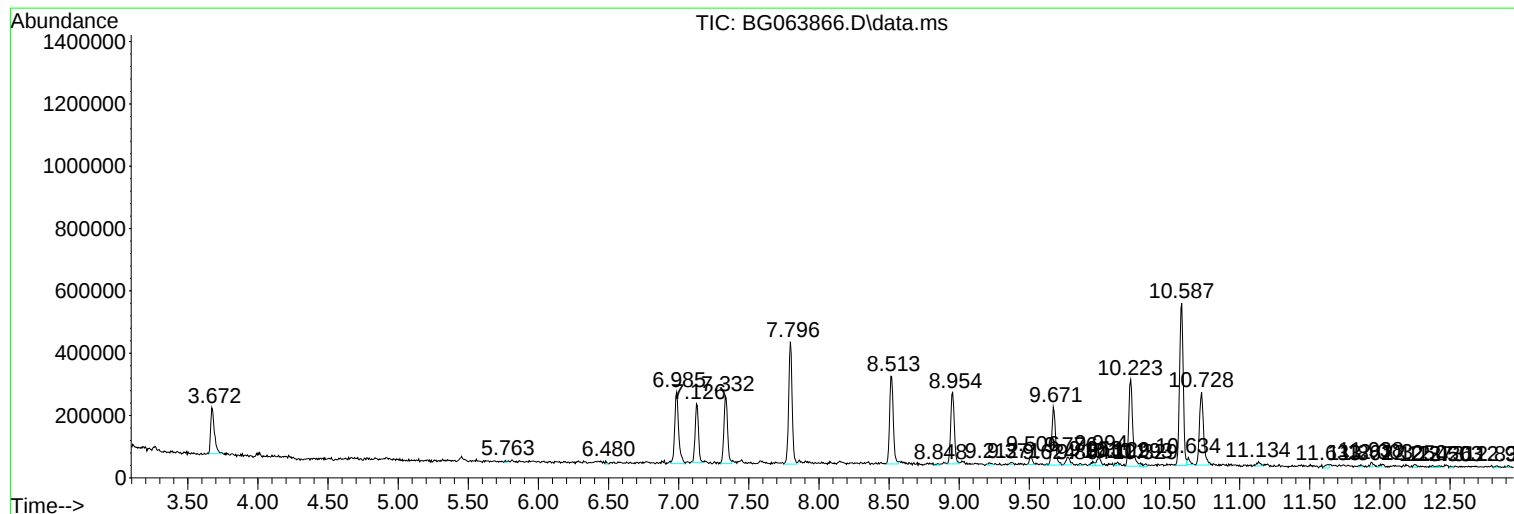
Sum of corrected areas: 23742178

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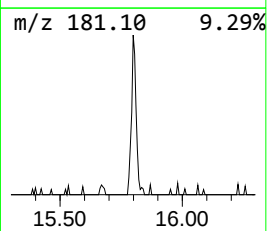
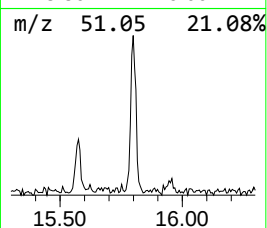
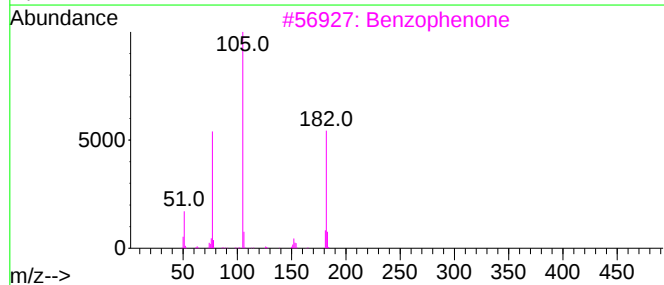
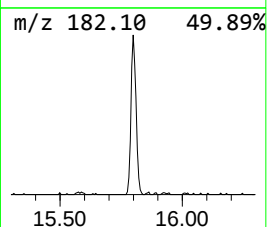
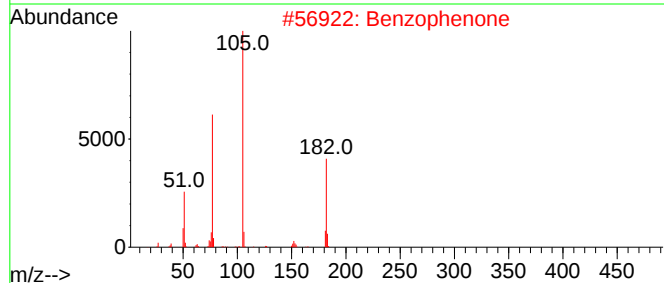
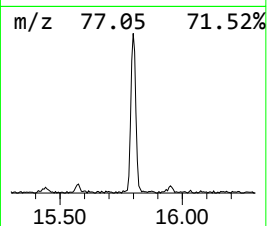
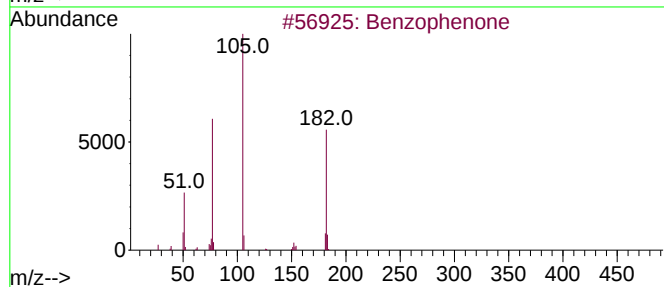
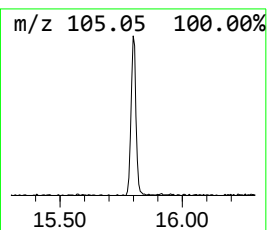
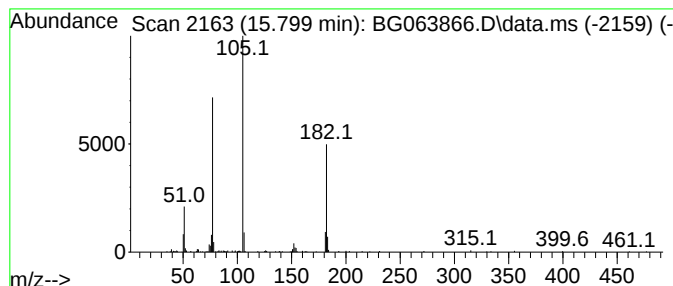
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 15.799 | 3.79 ng/ul | 248482 | Acenaphthene-d10 | 14.441 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |



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Quant Title : SVOA CALIBRATION

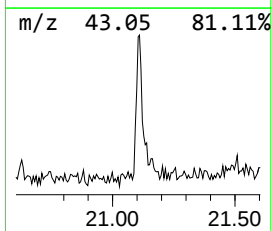
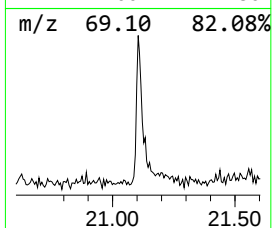
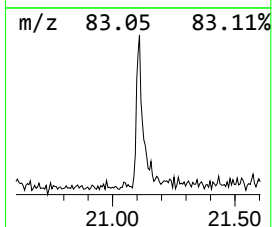
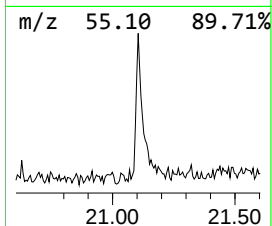
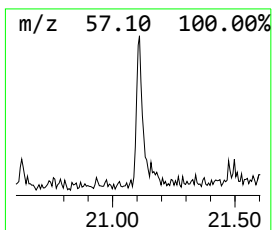
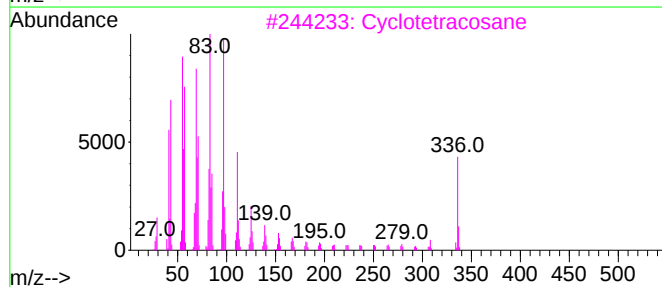
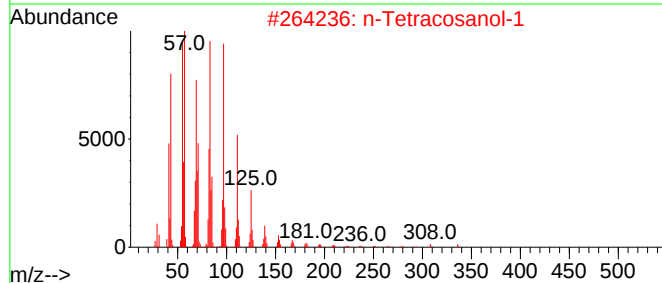
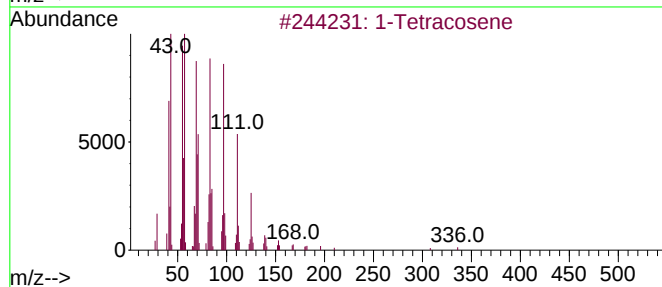
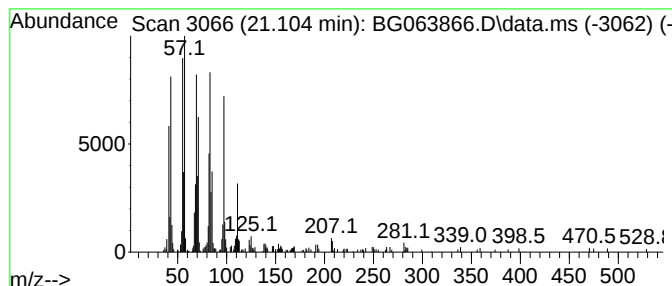
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.104 | 3.02 ng/ul | 323104 | Chrysene-d12     | 21.445 |

| Hit# | of 5                           | Tentative ID | MW  | MolForm    | CAS#        | Qual |
|------|--------------------------------|--------------|-----|------------|-------------|------|
| 1    | 1-Tetracosene                  |              | 336 | C24H48     | 010192-32-2 | 91   |
| 2    | n-Tetracosanol-1               |              | 354 | C24H50O    | 000506-51-4 | 91   |
| 3    | Cyclotetracosane               |              | 336 | C24H48     | 000297-03-0 | 91   |
| 4    | Heptadecyl heptafluorobutyrate |              | 452 | C21H35F7O2 | 959085-66-6 | 87   |
| 5    | 1-Hexadecanol                  |              | 242 | C16H34O    | 036653-82-4 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122624\  
Data File : BG063866.D  
Acq On : 27 Dec 2024 13:37  
Operator : RC/JU  
Sample : P5324-20  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YE644

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       | 15.799 | 3.8     | ng/u1 | 248482   | 3                     | 14.441 | 1312930 | 20.0 |
| (DEL) Alkane: S... | 21.104 | 3.0     | ng/u1 | 323104   | 5                     | 21.445 | 2137100 | 20.0 |