

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
 Data File : BG063802.D  
 Acq On : 24 Dec 2024 2:59  
 Operator : RC/JU  
 Sample : P5302-15  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E2AP8

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: BG063802.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          | 107          | rBV      | 307915         | 482884        | 12.30%          | 1.247%        |
| 2         | 4.002       | 153           | 155         | 160          | rVB3     | 14949          | 12056         | 0.31%           | 0.031%        |
| 3         | 5.301       | 374           | 376         | 377          | rBV      | 9969           | 6654          | 0.17%           | 0.017%        |
| 4         | 5.682       | 439           | 441         | 443          | rBV2     | 8151           | 8421          | 0.21%           | 0.022%        |
| 5         | 6.211       | 530           | 531         | 534          | rBV3     | 6461           | 6481          | 0.17%           | 0.017%        |
| 6         | 6.505       | 579           | 581         | 583          | rBV      | 7146           | 6350          | 0.16%           | 0.016%        |
| 7         | 6.669       | 608           | 609         | 611          | rBV2     | 7069           | 6462          | 0.16%           | 0.017%        |
| 8         | 6.834       | 633           | 637         | 638          | rBV3     | 7370           | 7674          | 0.20%           | 0.020%        |
| 9         | 6.981       | 657           | 662         | 674          | rBV      | 451175         | 814653        | 20.76%          | 2.105%        |
| 10        | 7.128       | 682           | 687         | 695          | rVB      | 369498         | 588387        | 14.99%          | 1.520%        |
| 11        | 7.333       | 717           | 722         | 731          | rVB      | 416724         | 712499        | 18.15%          | 1.841%        |
| 12        | 7.756       | 791           | 794         | 795          | rBV2     | 6939           | 6798          | 0.17%           | 0.018%        |
| 13        | 7.798       | 795           | 801         | 809          | rVV      | 382918         | 639918        | 16.30%          | 1.653%        |
| 14        | 7.868       | 809           | 813         | 816          | rVB4     | 10727          | 14651         | 0.37%           | 0.038%        |
| 15        | 8.514       | 916           | 923         | 934          | rBV      | 560060         | 969505        | 24.70%          | 2.505%        |
| 16        | 8.955       | 991           | 998         | 1005         | rVB      | 424720         | 735150        | 18.73%          | 1.899%        |
| 17        | 9.384       | 1065          | 1071        | 1073         | rBV6     | 7028           | 12609         | 0.32%           | 0.033%        |
| 18        | 9.513       | 1087          | 1093        | 1100         | rBV2     | 35407          | 63629         | 1.62%           | 0.164%        |
| 19        | 9.672       | 1114          | 1120        | 1129         | rVV      | 371007         | 644268        | 16.41%          | 1.664%        |
| 20        | 10.066      | 1186          | 1187        | 1190         | rBV3     | 5117           | 5736          | 0.15%           | 0.015%        |
| 21        | 10.171      | 1203          | 1205        | 1207         | rBV2     | 5989           | 6397          | 0.16%           | 0.017%        |
| 22        | 10.218      | 1207          | 1213        | 1224         | rVV      | 534480         | 992856        | 25.30%          | 2.565%        |
| 23        | 10.512      | 1259          | 1263        | 1264         | rBV2     | 4969           | 6258          | 0.16%           | 0.016%        |
| 24        | 10.588      | 1269          | 1276        | 1285         | rVB      | 537253         | 919577        | 23.43%          | 2.376%        |
| 25        | 10.724      | 1292          | 1299        | 1312         | rBV      | 465652         | 920641        | 23.46%          | 2.378%        |
| 26        | 10.894      | 1326          | 1328        | 1332         | rVB3     | 6400           | 5928          | 0.15%           | 0.015%        |
| 27        | 11.129      | 1364          | 1368        | 1369         | rBV2     | 14657          | 16665         | 0.42%           | 0.043%        |
| 28        | 11.252      | 1387          | 1389        | 1393         | rVB2     | 5033           | 5836          | 0.15%           | 0.015%        |
| 29        | 11.387      | 1409          | 1412        | 1417         | rVB2     | 5560           | 7922          | 0.20%           | 0.020%        |
| 30        | 11.799      | 1478          | 1482        | 1486         | rBV3     | 8345           | 14721         | 0.38%           | 0.038%        |
| 31        | 12.087      | 1525          | 1531        | 1536         | rVB3     | 12236          | 26654         | 0.68%           | 0.069%        |
| 32        | 12.145      | 1536          | 1541        | 1542         | rBV2     | 5741           | 7484          | 0.19%           | 0.019%        |
| 33        | 12.175      | 1542          | 1546        | 1548         | rBV3     | 9849           | 12709         | 0.32%           | 0.033%        |
| 34        | 12.510      | 1601          | 1603        | 1606         | rBV2     | 4214           | 5769          | 0.15%           | 0.015%        |
| 35        | 12.809      | 1652          | 1654        | 1660         | rVB2     | 4433           | 7573          | 0.19%           | 0.020%        |
| 36        | 12.897      | 1666          | 1669        | 1671         | rBV3     | 8608           | 9118          | 0.23%           | 0.024%        |

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 BNA\_G  
 ClientSampleId :  
 E2AP8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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 | 13.044 | 1689 | 1694 | 1697 | rBV3 | 5205  | 8657  | 0.22% | 0.022% |
| 38 | 13.109 | 1704 | 1705 | 1711 | rVB4 | 5551  | 7096  | 0.18% | 0.018% |
| 39 | 13.256 | 1728 | 1730 | 1735 | rVB3 | 10730 | 13735 | 0.35% | 0.035% |
| 40 | 13.344 | 1740 | 1745 | 1746 | rBV2 | 7036  | 9270  | 0.24% | 0.024% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 41 | 13.426 | 1752 | 1759 | 1762 | rBV6 | 8623    | 18783   | 0.48%  | 0.049% |
| 42 | 13.509 | 1771 | 1773 | 1776 | rBV2 | 3622    | 5473    | 0.14%  | 0.014% |
| 43 | 13.761 | 1814 | 1816 | 1818 | rVB3 | 7962    | 6479    | 0.17%  | 0.017% |
| 44 | 13.843 | 1823 | 1830 | 1837 | rBV  | 1184391 | 1721004 | 43.85% | 4.446% |
| 45 | 14.131 | 1871 | 1879 | 1887 | rBV  | 1313964 | 2050657 | 52.24% | 5.298% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 46 | 14.337 | 1911 | 1914 | 1918 | rBV5 | 9038   | 15157   | 0.39%  | 0.039% |
| 47 | 14.437 | 1925 | 1931 | 1940 | rVB  | 991558 | 1546041 | 39.39% | 3.994% |
| 48 | 14.666 | 1965 | 1970 | 1981 | rBV  | 379479 | 757609  | 19.30% | 1.957% |
| 49 | 14.842 | 1998 | 2000 | 2002 | rBV3 | 6396   | 7882    | 0.20%  | 0.020% |
| 50 | 14.872 | 2002 | 2005 | 2008 | rVV4 | 15858  | 20253   | 0.52%  | 0.052% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 14.901 | 2008 | 2010 | 2016 | rVB5 | 7483    | 11370   | 0.29%  | 0.029% |
| 52 | 15.113 | 2045 | 2046 | 2049 | rBV  | 6798    | 5886    | 0.15%  | 0.015% |
| 53 | 15.259 | 2068 | 2071 | 2075 | rBV3 | 8233    | 12230   | 0.31%  | 0.032% |
| 54 | 15.436 | 2094 | 2101 | 2112 | rVB  | 1856333 | 2700538 | 68.80% | 6.977% |
| 55 | 15.565 | 2118 | 2123 | 2134 | rBV  | 487480  | 766929  | 19.54% | 1.981% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 56 | 15.659 | 2137 | 2139 | 2140 | rBV  | 7080   | 6649   | 0.17% | 0.017% |
| 57 | 15.671 | 2140 | 2141 | 2145 | rVB4 | 12658  | 14218  | 0.36% | 0.037% |
| 58 | 15.800 | 2158 | 2163 | 2169 | rVB  | 246668 | 348380 | 8.88% | 0.900% |
| 59 | 16.105 | 2213 | 2215 | 2217 | rBV3 | 5467   | 6141   | 0.16% | 0.016% |
| 60 | 16.211 | 2231 | 2233 | 2236 | rVB3 | 8899   | 9055   | 0.23% | 0.023% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 61 | 16.364 | 2254 | 2259 | 2263 | rVB3 | 8910 | 16573 | 0.42% | 0.043% |
| 62 | 16.411 | 2263 | 2267 | 2269 | rBV3 | 5185 | 8947  | 0.23% | 0.023% |
| 63 | 16.493 | 2280 | 2281 | 2284 | rBV2 | 5934 | 5726  | 0.15% | 0.015% |
| 64 | 16.952 | 2354 | 2359 | 2360 | rBV3 | 7672 | 8461  | 0.22% | 0.022% |
| 65 | 17.010 | 2367 | 2369 | 2373 | rVB4 | 6005 | 7108  | 0.18% | 0.018% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 17.110 | 2384 | 2386 | 2388 | rVB2 | 7470    | 7106    | 0.18%  | 0.018% |
| 67 | 17.192 | 2393 | 2400 | 2406 | rVV2 | 1379821 | 2097211 | 53.43% | 5.418% |
| 68 | 17.286 | 2410 | 2416 | 2427 | rVV  | 2175753 | 3336598 | 85.01% | 8.620% |
| 69 | 17.386 | 2430 | 2433 | 2439 | rVB6 | 28739   | 47875   | 1.22%  | 0.124% |
| 70 | 17.521 | 2453 | 2456 | 2458 | rVB4 | 6437    | 6412    | 0.16%  | 0.017% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 71 | 17.574 | 2458 | 2465 | 2466 | rBV5 | 15302  | 17331  | 0.44% | 0.045% |
| 72 | 17.798 | 2501 | 2503 | 2505 | rBV2 | 5495   | 6689   | 0.17% | 0.017% |
| 73 | 17.856 | 2509 | 2513 | 2518 | rVV4 | 9480   | 16693  | 0.43% | 0.043% |
| 74 | 18.091 | 2548 | 2553 | 2563 | rBV4 | 151739 | 279770 | 7.13% | 0.723% |
| 75 | 18.303 | 2586 | 2589 | 2591 | rBV4 | 6500   | 5957   | 0.15% | 0.015% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 18.385 | 2600 | 2603 | 2607 | rBV5 | 13308 | 21733 | 0.55% | 0.056% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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Integration Parameters: LSCINT.P

Integrator: RTE

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Peak separation: 5

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

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 18.514 | 2621 | 2625 | 2628 | rBV3 | 37024   | 39571   | 1.01%   | 0.102%  |
| 78  | 18.720 | 2659 | 2660 | 2664 | rBV3 | 11277   | 11602   | 0.30%   | 0.030%  |
| 79  | 18.802 | 2671 | 2674 | 2676 | rBV4 | 11189   | 8486    | 0.22%   | 0.022%  |
| 80  | 18.855 | 2680 | 2683 | 2684 | rBV3 | 7594    | 5532    | 0.14%   | 0.014%  |
| 81  | 18.932 | 2694 | 2696 | 2699 | rBV4 | 7387    | 9032    | 0.23%   | 0.023%  |
| 82  | 19.020 | 2708 | 2711 | 2712 | rVB3 | 12444   | 8775    | 0.22%   | 0.023%  |
| 83  | 19.149 | 2729 | 2733 | 2738 | rVB5 | 31719   | 46806   | 1.19%   | 0.121%  |
| 84  | 19.225 | 2740 | 2746 | 2749 | rBV3 | 32291   | 59736   | 1.52%   | 0.154%  |
| 85  | 19.255 | 2749 | 2751 | 2758 | rVB5 | 27664   | 37393   | 0.95%   | 0.097%  |
| 86  | 19.384 | 2768 | 2773 | 2779 | rBV7 | 13689   | 27797   | 0.71%   | 0.072%  |
| 87  | 19.590 | 2802 | 2808 | 2814 | rBV  | 2791678 | 3925088 | 100.00% | 10.140% |
| 88  | 19.731 | 2831 | 2832 | 2833 | rBV  | 9394    | 6120    | 0.16%   | 0.016%  |
| 89  | 20.130 | 2894 | 2900 | 2903 | rBV2 | 62928   | 84119   | 2.14%   | 0.217%  |
| 90  | 20.506 | 2958 | 2964 | 2970 | rVB7 | 52915   | 94104   | 2.40%   | 0.243%  |
| 91  | 20.553 | 2970 | 2972 | 2979 | rBV8 | 15164   | 22605   | 0.58%   | 0.058%  |
| 92  | 20.624 | 2980 | 2984 | 2987 | rBV2 | 97768   | 112622  | 2.87%   | 0.291%  |
| 93  | 21.100 | 3061 | 3065 | 3077 | rBV  | 287414  | 539534  | 13.75%  | 1.394%  |
| 94  | 21.440 | 3116 | 3123 | 3137 | rBV2 | 1480214 | 2416533 | 61.57%  | 6.243%  |
| 95  | 21.623 | 3150 | 3154 | 3160 | rVB2 | 99737   | 132610  | 3.38%   | 0.343%  |
| 96  | 22.187 | 3246 | 3250 | 3257 | rBV  | 101458  | 180551  | 4.60%   | 0.466%  |
| 97  | 22.827 | 3356 | 3359 | 3366 | rVB2 | 96780   | 161064  | 4.10%   | 0.416%  |
| 98  | 23.573 | 3481 | 3486 | 3492 | rVB2 | 118718  | 220561  | 5.62%   | 0.570%  |
| 99  | 24.243 | 3591 | 3600 | 3617 | rVB  | 1270148 | 3322536 | 84.65%  | 8.583%  |
| 100 | 24.449 | 3626 | 3635 | 3649 | rVB  | 925445  | 2565601 | 65.36%  | 6.628%  |

Sum of corrected areas: 38708953



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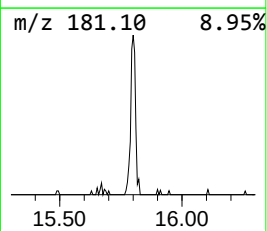
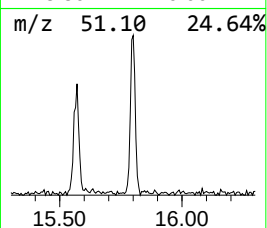
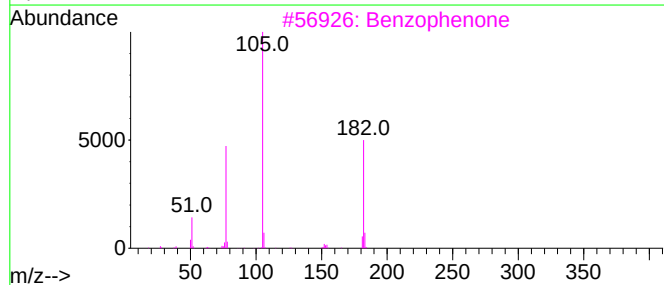
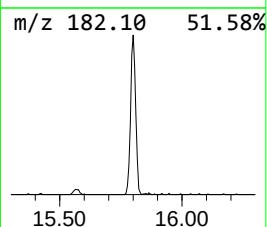
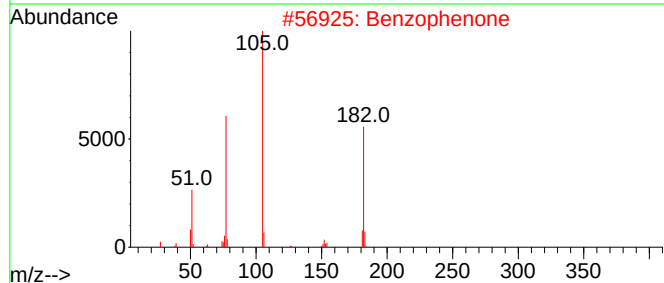
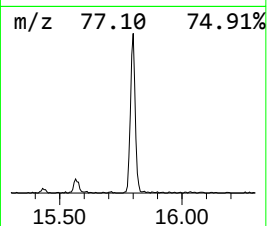
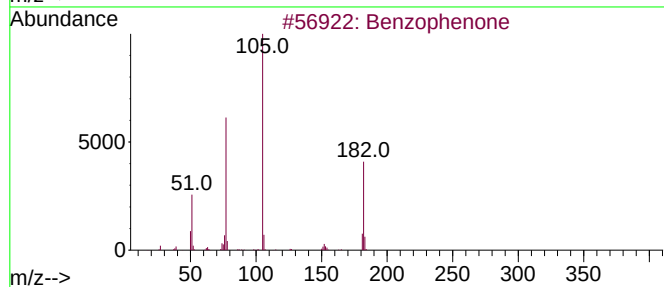
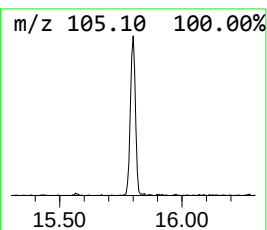
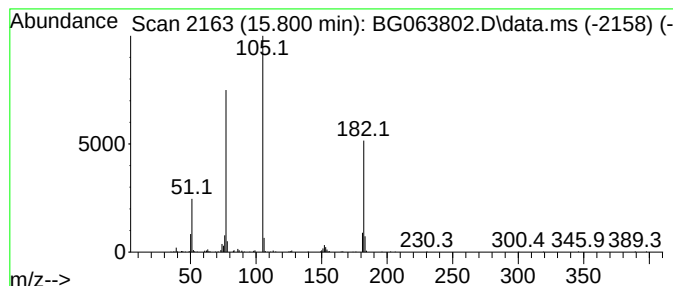
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

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 | 4.51 ng/ul | 348380 | Acenaphthene-d10 | 14.437 |

| 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 | 91   |
| 4    |    |   | Azobenzene   | 182 | C12H10N2 | 000103-33-3 | 72   |
| 5    |    |   | Benzophenone | 182 | C13H10O  | 000119-61-9 | 70   |



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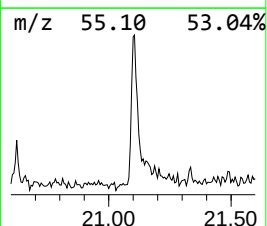
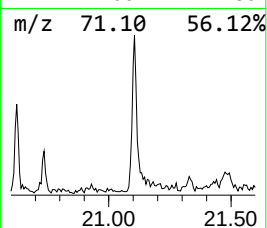
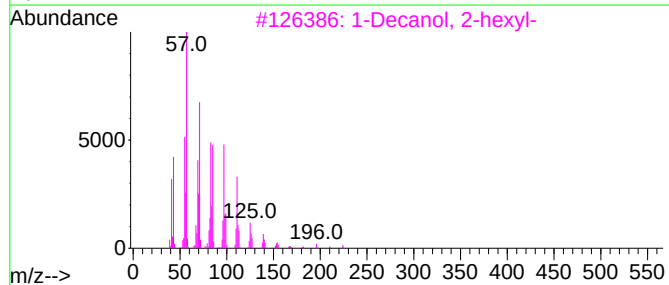
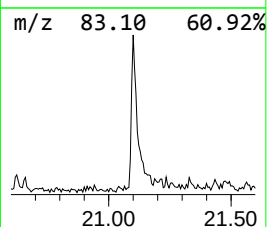
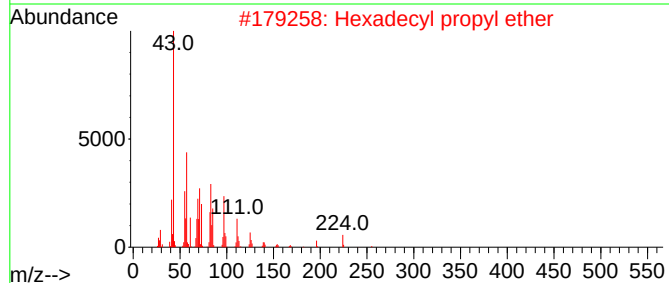
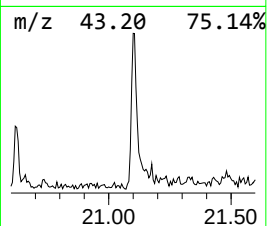
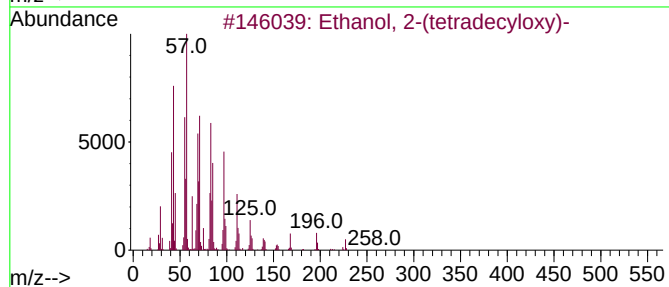
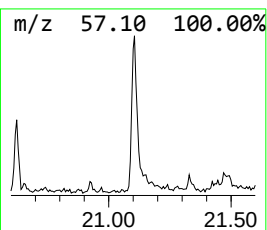
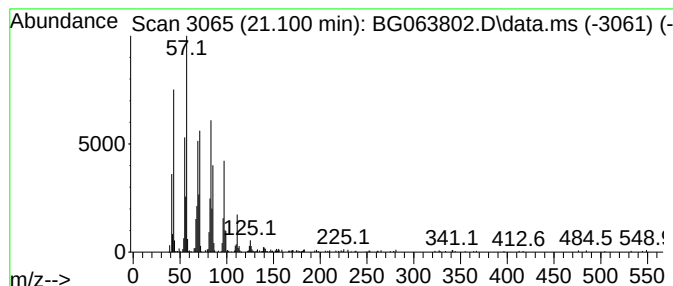
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.100 | 4.47 ng/ul | 539534 | Chrysene-d12     | 21.440 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------|-----|----------|--------------|------|
| 1    |    |   | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1  | 91   |
| 2    |    |   | Hexadecyl propyl ether      | 284 | C19H40O  | 1000406-27-9 | 86   |
| 3    |    |   | 1-Decanol, 2-hexyl-         | 242 | C16H34O  | 002425-77-6  | 83   |
| 4    |    |   | n-Nonadecanol-1             | 284 | C19H40O  | 001454-84-8  | 70   |
| 5    |    |   | n-Tetracosanol-1            | 354 | C24H50O  | 000506-51-4  | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
Data File : BG063802.D  
Acq On : 24 Dec 2024 2:59  
Operator : RC/JU  
Sample : P5302-15  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E2AP8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.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       | 15.800 | 4.5     | ng/ul | 348380   | 3                     | 14.437 | 1546040 | 20.0 |
| Ethanol, 2-(tet... | 21.100 | 4.5     | ng/ul | 539534   | 5                     | 21.440 | 2416530 | 20.0 |