

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
 Data File : BG056115.D  
 Acq On : 25 Dec 2022 9:21  
 Operator : CG/JU  
 Sample : N6017-13  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBYF9

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-BG122422.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG056115.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         | 3.370       | 9             | 14          | 21           | rBV      | 99577          | 138331        | 10.04%          | 0.855%        |
| 2         | 3.646       | 56            | 61          | 64           | rBV      | 5472           | 8119          | 0.59%           | 0.050%        |
| 3         | 4.081       | 132           | 135         | 148          | rVV      | 68608          | 116707        | 8.47%           | 0.722%        |
| 4         | 4.199       | 151           | 155         | 159          | rVB      | 4919           | 7065          | 0.51%           | 0.044%        |
| 5         | 4.439       | 189           | 196         | 200          | rBV2     | 2910           | 5210          | 0.38%           | 0.032%        |
| 6         | 7.471       | 702           | 712         | 722          | rBV      | 130224         | 226738        | 16.46%          | 1.402%        |
| 7         | 7.653       | 734           | 743         | 752          | rBV      | 94549          | 158664        | 11.52%          | 0.981%        |
| 8         | 7.865       | 772           | 779         | 789          | rVB      | 126549         | 219107        | 15.90%          | 1.355%        |
| 9         | 8.347       | 855           | 861         | 872          | rVB      | 116563         | 202570        | 14.70%          | 1.252%        |
| 10        | 9.034       | 970           | 978         | 987          | rBV2     | 170340         | 295806        | 21.47%          | 1.829%        |
| 11        | 9.516       | 1051          | 1060        | 1069         | rBV      | 117776         | 212826        | 15.45%          | 1.316%        |
| 12        | 9.892       | 1121          | 1124        | 1132         | rVB3     | 4049           | 5991          | 0.43%           | 0.037%        |
| 13        | 10.121      | 1156          | 1163        | 1167         | rBV2     | 4385           | 7309          | 0.53%           | 0.045%        |
| 14        | 10.244      | 1174          | 1184        | 1192         | rVB      | 106390         | 194180        | 14.09%          | 1.201%        |
| 15        | 10.779      | 1266          | 1275        | 1284         | rBV      | 216371         | 384715        | 27.92%          | 2.379%        |
| 16        | 11.179      | 1335          | 1343        | 1351         | rBV      | 173814         | 311994        | 22.65%          | 1.929%        |
| 17        | 11.302      | 1355          | 1364        | 1374         | rBV      | 109553         | 209298        | 15.19%          | 1.294%        |
| 18        | 12.730      | 1603          | 1607        | 1612         | rBV2     | 3243           | 5584          | 0.41%           | 0.035%        |
| 19        | 14.340      | 1875          | 1881        | 1889         | rVB      | 433522         | 621390        | 45.10%          | 3.842%        |
| 20        | 14.504      | 1906          | 1909        | 1914         | rVV      | 4654           | 7002          | 0.51%           | 0.043%        |
| 21        | 14.651      | 1927          | 1934        | 1941         | rVB2     | 492281         | 776808        | 56.38%          | 4.803%        |
| 22        | 14.951      | 1977          | 1985        | 1992         | rBV      | 368560         | 573531        | 41.63%          | 3.546%        |
| 23        | 15.115      | 2005          | 2013        | 2019         | rBV      | 140710         | 225275        | 16.35%          | 1.393%        |
| 24        | 15.268      | 2036          | 2039        | 2043         | rBV      | 2846           | 3682          | 0.27%           | 0.023%        |
| 25        | 15.938      | 2142          | 2153        | 2164         | rVB      | 705471         | 1069677       | 77.64%          | 6.614%        |
| 26        | 16.038      | 2164          | 2170        | 2177         | rBV      | 168905         | 252011        | 18.29%          | 1.558%        |
| 27        | 16.096      | 2177          | 2180        | 2187         | rVB2     | 13711          | 19649         | 1.43%           | 0.121%        |
| 28        | 16.173      | 2189          | 2193        | 2198         | rBV      | 3555           | 5282          | 0.38%           | 0.033%        |
| 29        | 16.290      | 2206          | 2213        | 2220         | rBV      | 372324         | 538632        | 39.10%          | 3.330%        |
| 30        | 16.425      | 2232          | 2236        | 2239         | rBV3     | 4241           | 6282          | 0.46%           | 0.039%        |
| 31        | 16.613      | 2263          | 2268        | 2269         | rVV      | 4818           | 4269          | 0.31%           | 0.026%        |
| 32        | 16.796      | 2297          | 2299        | 2303         | rVV2     | 2816           | 3624          | 0.26%           | 0.022%        |
| 33        | 16.854      | 2303          | 2309        | 2314         | rVV      | 23987          | 34868         | 2.53%           | 0.216%        |
| 34        | 17.042      | 2338          | 2341        | 2344         | rBV      | 2350           | 3330          | 0.24%           | 0.021%        |
| 35        | 17.371      | 2392          | 2397        | 2398         | rBV2     | 2423           | 3540          | 0.26%           | 0.022%        |
| 36        | 17.548      | 2423          | 2427        | 2432         | rVB6     | 9692           | 14508         | 1.05%           | 0.090%        |

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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-BG122422.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 37 | 17.618 | 2434 | 2439 | 2445 | rVV5 | 16082  | 24375   | 1.77%   | 0.151% |
| 38 | 17.689 | 2445 | 2451 | 2457 | rVV  | 497679 | 767897  | 55.74%  | 4.748% |
| 39 | 17.730 | 2457 | 2458 | 2462 | rVV3 | 5455   | 5850    | 0.42%   | 0.036% |
| 40 | 17.788 | 2462 | 2468 | 2477 | rVB  | 746432 | 1099735 | 79.82%  | 6.799% |
| 41 | 17.929 | 2486 | 2492 | 2497 | rVV3 | 4941   | 8787    | 0.64%   | 0.054% |
| 42 | 18.059 | 2509 | 2514 | 2519 | rVV6 | 2578   | 5696    | 0.41%   | 0.035% |
| 43 | 18.270 | 2543 | 2550 | 2551 | rBV2 | 2308   | 4131    | 0.30%   | 0.026% |
| 44 | 18.417 | 2568 | 2575 | 2579 | rBV8 | 4948   | 8709    | 0.63%   | 0.054% |
| 45 | 18.476 | 2580 | 2585 | 2590 | rBV5 | 10159  | 15067   | 1.09%   | 0.093% |
| 46 | 18.535 | 2590 | 2595 | 2604 | rVV2 | 138384 | 191573  | 13.91%  | 1.184% |
| 47 | 18.617 | 2606 | 2609 | 2614 | rVB  | 10582  | 14678   | 1.07%   | 0.091% |
| 48 | 18.746 | 2623 | 2631 | 2636 | rBV  | 81355  | 121998  | 8.86%   | 0.754% |
| 49 | 18.805 | 2636 | 2641 | 2648 | rBV  | 25605  | 39208   | 2.85%   | 0.242% |
| 50 | 18.864 | 2648 | 2651 | 2653 | rBV4 | 3631   | 3632    | 0.26%   | 0.022% |
| 51 | 18.964 | 2663 | 2668 | 2675 | rVB  | 56847  | 90585   | 6.58%   | 0.560% |
| 52 | 19.052 | 2678 | 2683 | 2692 | rBV3 | 19287  | 32030   | 2.32%   | 0.198% |
| 53 | 19.128 | 2692 | 2696 | 2702 | rVB2 | 57727  | 75403   | 5.47%   | 0.466% |
| 54 | 19.193 | 2704 | 2707 | 2708 | rBV3 | 3582   | 4050    | 0.29%   | 0.025% |
| 55 | 19.216 | 2708 | 2711 | 2716 | rVB6 | 5356   | 6333    | 0.46%   | 0.039% |
| 56 | 19.298 | 2724 | 2725 | 2729 | rBV2 | 3052   | 3291    | 0.24%   | 0.020% |
| 57 | 19.392 | 2738 | 2741 | 2744 | rBV4 | 4368   | 5225    | 0.38%   | 0.032% |
| 58 | 19.469 | 2747 | 2754 | 2758 | rBV  | 45633  | 64575   | 4.69%   | 0.399% |
| 59 | 19.581 | 2766 | 2773 | 2774 | rBV6 | 9036   | 16697   | 1.21%   | 0.103% |
| 60 | 19.622 | 2776 | 2780 | 2783 | rVV4 | 10556  | 16521   | 1.20%   | 0.102% |
| 61 | 19.651 | 2783 | 2785 | 2786 | rVV2 | 9888   | 8892    | 0.65%   | 0.055% |
| 62 | 19.680 | 2786 | 2790 | 2794 | rVV3 | 31205  | 59156   | 4.29%   | 0.366% |
| 63 | 19.722 | 2795 | 2797 | 2805 | rVB  | 20885  | 28362   | 2.06%   | 0.175% |
| 64 | 19.792 | 2805 | 2809 | 2819 | rBV  | 186260 | 259889  | 18.86%  | 1.607% |
| 65 | 19.863 | 2819 | 2821 | 2825 | rVB4 | 5556   | 7514    | 0.55%   | 0.046% |
| 66 | 20.051 | 2847 | 2853 | 2863 | rBV  | 942610 | 1377695 | 100.00% | 8.518% |
| 67 | 20.186 | 2870 | 2876 | 2881 | rBV  | 536668 | 664200  | 48.21%  | 4.107% |
| 68 | 20.233 | 2881 | 2884 | 2890 | rVV8 | 8348   | 17230   | 1.25%   | 0.107% |
| 69 | 20.309 | 2893 | 2897 | 2903 | rVV  | 49249  | 73434   | 5.33%   | 0.454% |
| 70 | 20.368 | 2903 | 2907 | 2911 | rVV4 | 25597  | 35039   | 2.54%   | 0.217% |
| 71 | 20.538 | 2928 | 2936 | 2941 | rBV  | 76768  | 132039  | 9.58%   | 0.816% |
| 72 | 20.679 | 2956 | 2960 | 2963 | rBV5 | 18760  | 29173   | 2.12%   | 0.180% |
| 73 | 20.773 | 2974 | 2976 | 2980 | rVB5 | 13033  | 12338   | 0.90%   | 0.076% |
| 74 | 20.855 | 2988 | 2990 | 2997 | rBV8 | 7929   | 12769   | 0.93%   | 0.079% |
| 75 | 20.985 | 3007 | 3012 | 3015 | rVB6 | 7051   | 11361   | 0.82%   | 0.070% |
| 76 | 21.396 | 3080 | 3082 | 3084 | rVB3 | 6616   | 4786    | 0.35%   | 0.030% |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

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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-BG122422.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 21.578 | 3108 | 3113 | 3121 | rBV2 | 83921  | 165859  | 12.04% | 1.025% |
| 78  | 21.989 | 3174 | 3183 | 3189 | rBV  | 487432 | 889182  | 64.54% | 5.498% |
| 79  | 22.154 | 3209 | 3211 | 3214 | rBV4 | 5914   | 5897    | 0.43%  | 0.036% |
| 80  | 22.777 | 3315 | 3317 | 3319 | rBV3 | 5342   | 3592    | 0.26%  | 0.022% |
| 81  | 22.806 | 3319 | 3322 | 3323 | rBV3 | 14414  | 15880   | 1.15%  | 0.098% |
| 82  | 24.328 | 3578 | 3581 | 3582 | rBV3 | 6764   | 7716    | 0.56%  | 0.048% |
| 83  | 24.428 | 3593 | 3598 | 3606 | rVB6 | 32164  | 73927   | 5.37%  | 0.457% |
| 84  | 24.498 | 3606 | 3610 | 3611 | rBV4 | 5294   | 5856    | 0.43%  | 0.036% |
| 85  | 24.880 | 3673 | 3675 | 3677 | rBV3 | 6335   | 3997    | 0.29%  | 0.025% |
| 86  | 24.904 | 3677 | 3679 | 3681 | rVB3 | 5967   | 4088    | 0.30%  | 0.025% |
| 87  | 25.221 | 3723 | 3733 | 3747 | rVB2 | 450130 | 1332719 | 96.74% | 8.240% |
| 88  | 25.462 | 3763 | 3774 | 3786 | rVB2 | 293509 | 897145  | 65.12% | 5.547% |
| 89  | 25.726 | 3817 | 3819 | 3822 | rBV4 | 7919   | 9169    | 0.67%  | 0.057% |
| 90  | 26.038 | 3862 | 3872 | 3881 | rBV4 | 19341  | 63794   | 4.63%  | 0.394% |
| 91  | 26.702 | 3975 | 3985 | 3997 | rVB5 | 45664  | 159166  | 11.55% | 0.984% |
| 92  | 26.848 | 4003 | 4010 | 4013 | rBV8 | 14787  | 36623   | 2.66%  | 0.226% |
| 93  | 27.871 | 4182 | 4184 | 4189 | rBV5 | 9850   | 11789   | 0.86%  | 0.073% |
| 94  | 28.646 | 4315 | 4316 | 4319 | rBV3 | 5697   | 4324    | 0.31%  | 0.027% |
| 95  | 29.980 | 4530 | 4543 | 4544 | rBV6 | 60832  | 160562  | 11.65% | 0.993% |
| 96  | 31.220 | 4753 | 4754 | 4755 | rBV  | 8764   | 5219    | 0.38%  | 0.032% |
| 97  | 32.131 | 4907 | 4909 | 4910 | rBV2 | 7504   | 5022    | 0.36%  | 0.031% |
| 98  | 32.160 | 4912 | 4914 | 4916 | rVV3 | 8873   | 7941    | 0.58%  | 0.049% |
| 99  | 32.401 | 4951 | 4955 | 4956 | rBV3 | 9692   | 7733    | 0.56%  | 0.048% |
| 100 | 32.577 | 4976 | 4985 | 4987 | rBV7 | 24525  | 63425   | 4.60%  | 0.392% |

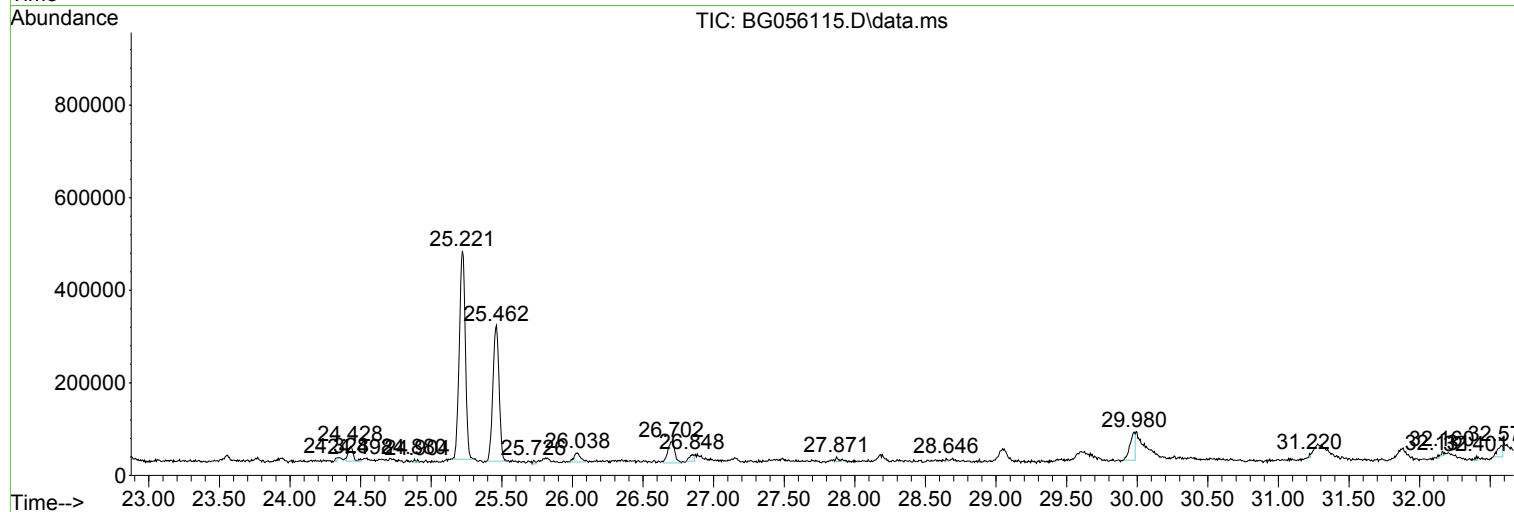
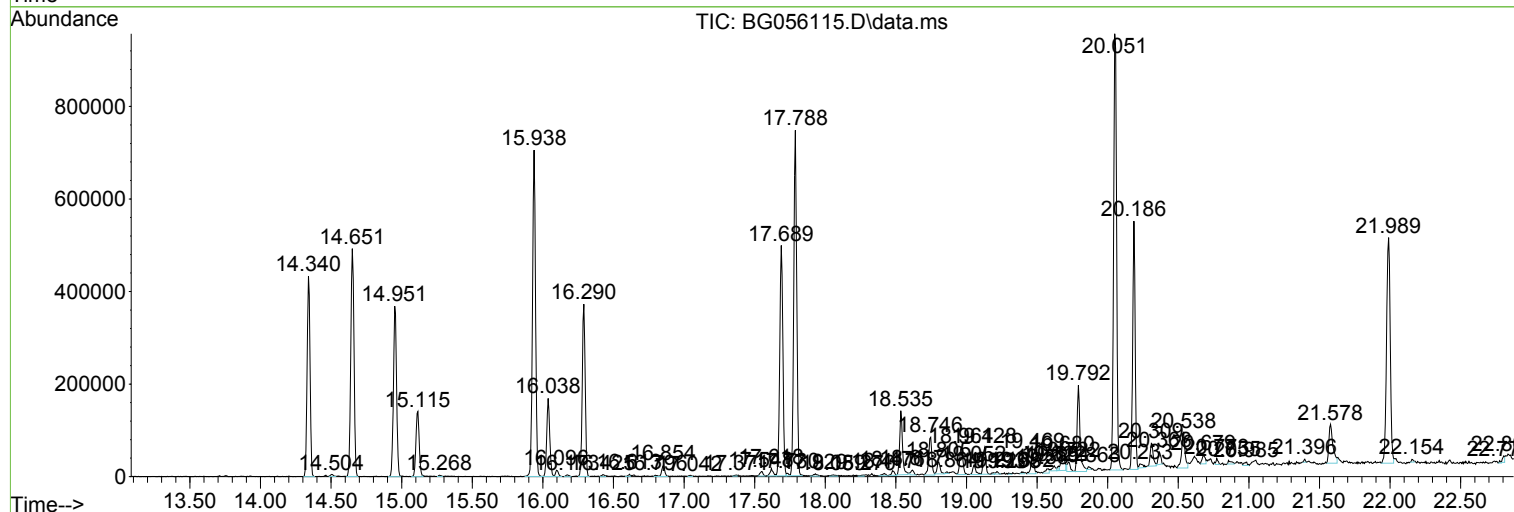
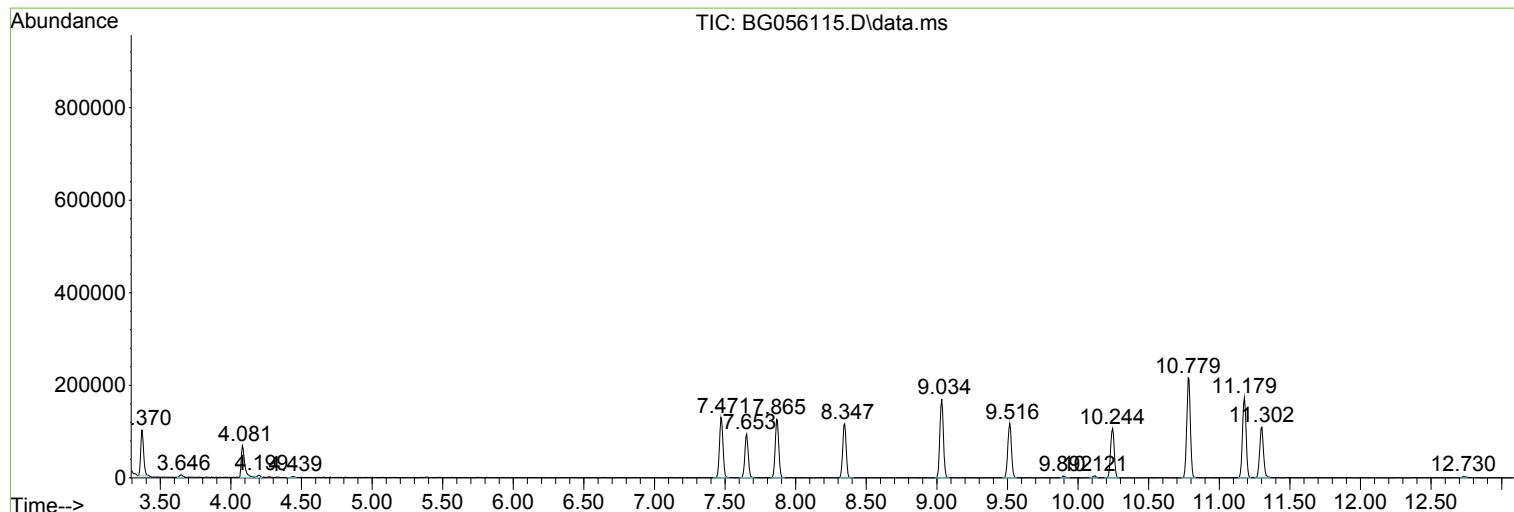
Sum of corrected areas: 16174122

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG122422.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
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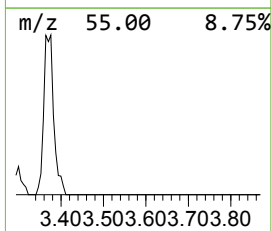
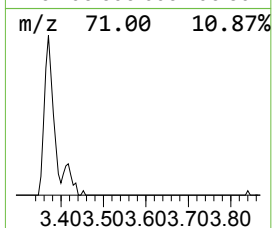
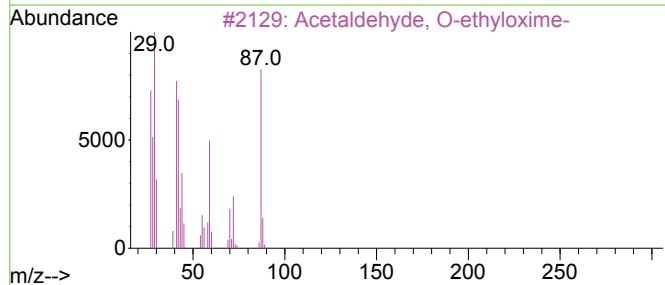
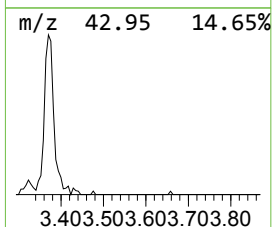
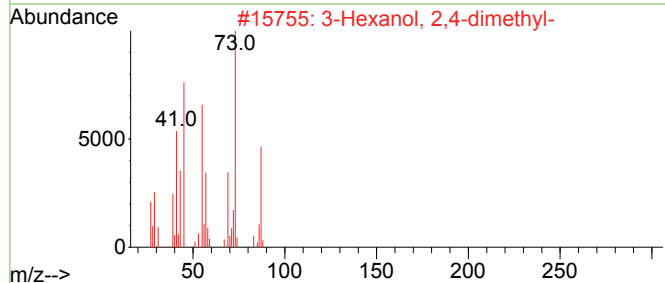
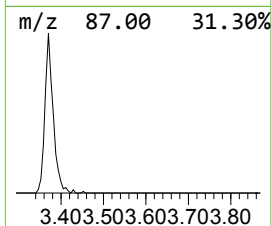
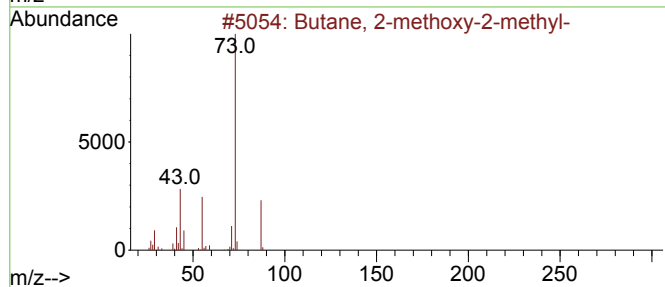
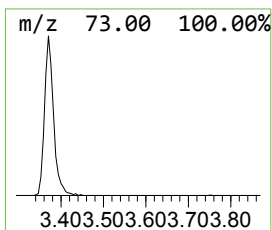
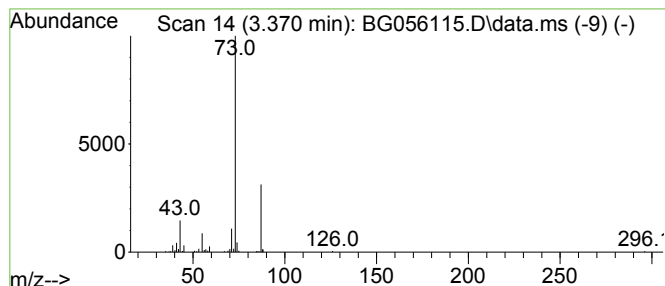
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG122422.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.370 | 13.66 ng/ul | 138331 | 1,4-Dichlorobenzene-d4 | 8.347 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|----|---|----------------------------------|-----|----------|--------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-      | 102 | C6H14O   | 000994-05-8  | 56   |
| 2    |    |   | 3-Hexanol, 2,4-dimethyl-         | 130 | C8H18O   | 013432-25-2  | 39   |
| 3    |    |   | Acetaldehyde, O-ethyloxime-      | 87  | C4H9NO   | 1000288-34-6 | 12   |
| 4    |    |   | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7  | 9    |
| 5    |    |   | 1,3-Dioxolane, 2-pentadecyl-     | 284 | C18H36O2 | 004360-57-0  | 9    |



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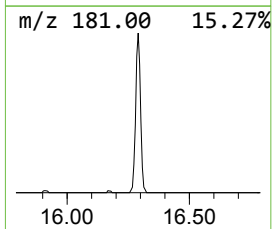
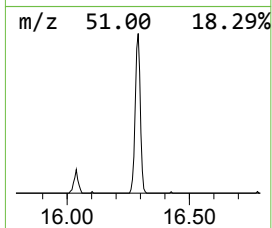
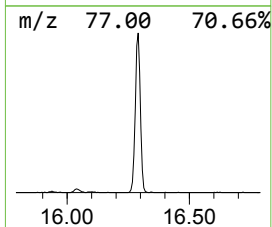
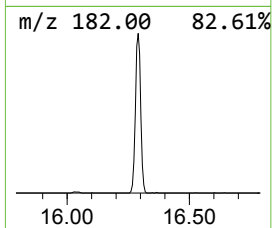
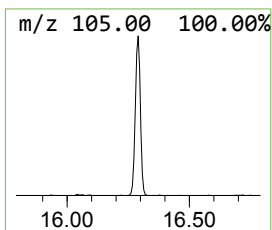
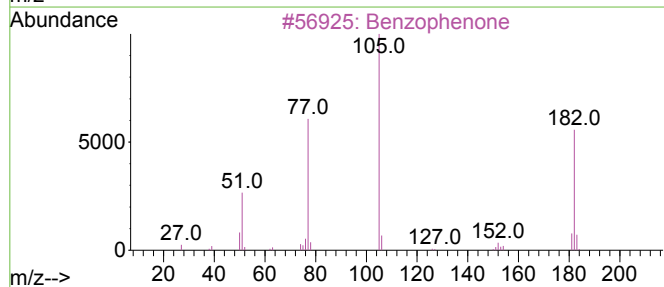
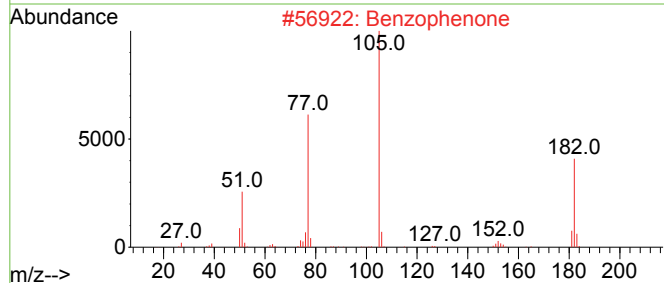
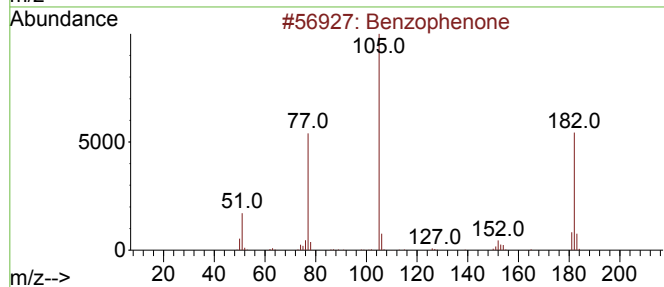
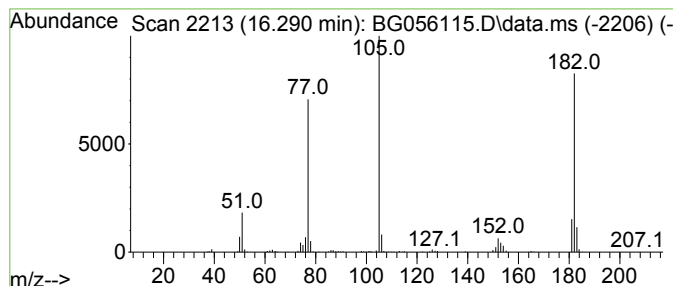
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG122422.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 16.290 | 18.78 ng/ul | 538632 | Acenaphthene-d10 | 14.951 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone                  | 182 | C13H10O | 000119-61-9 | 95   |
| 2    |    |   | Benzophenone                  | 182 | C13H10O | 000119-61-9 | 91   |
| 3    |    |   | Benzophenone                  | 182 | C13H10O | 000119-61-9 | 91   |
| 4    |    |   | Benzophenone                  | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | 1,1'-Biphenyl, 3,4'-dimethyl- | 182 | C14H14  | 007383-90-6 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056115.D  
Acq On : 25 Dec 2022 9:21  
Operator : CG/JU  
Sample : N6017-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF9

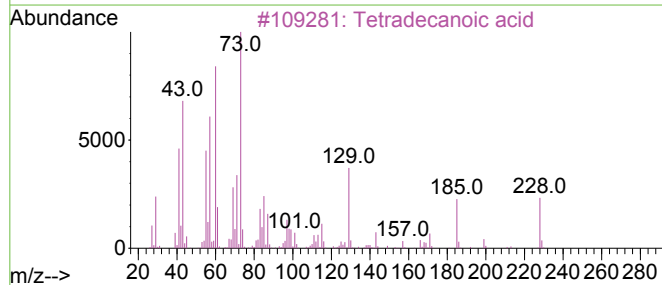
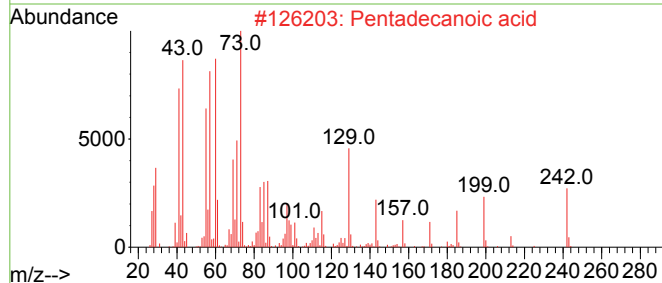
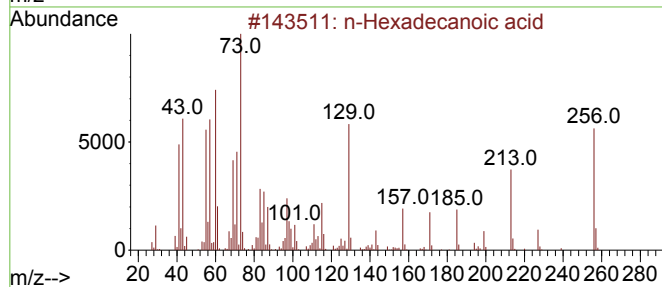
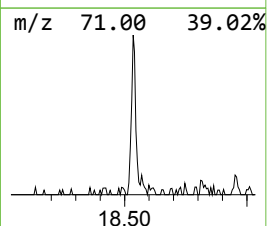
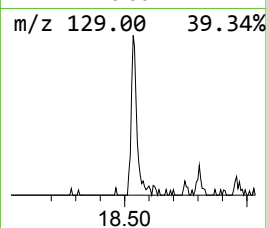
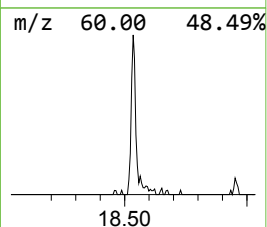
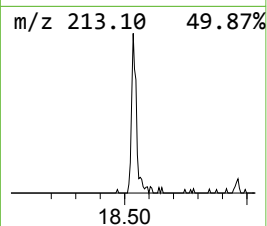
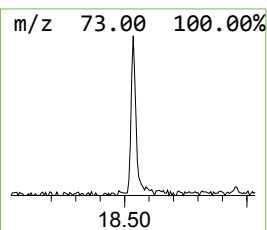
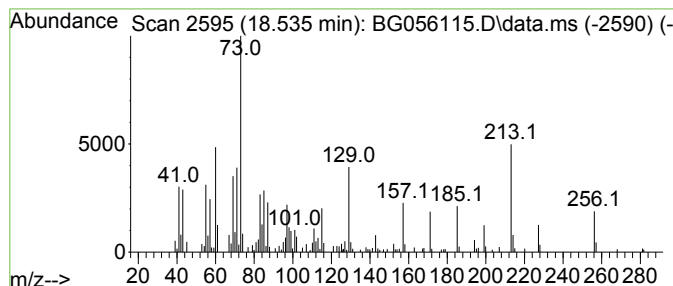
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.535 | 4.99 ng/ul | 191573 | Phenanthrene-d10 | 17.689 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 70   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 64   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 50   |
| 4    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 38   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056115.D  
Acq On : 25 Dec 2022 9:21  
Operator : CG/JU  
Sample : N6017-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF9

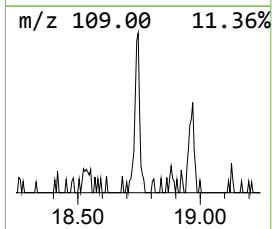
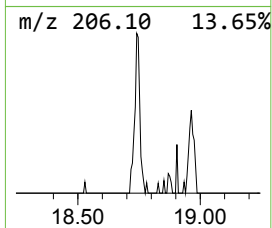
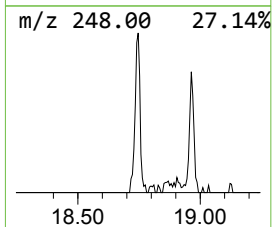
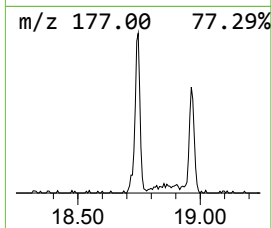
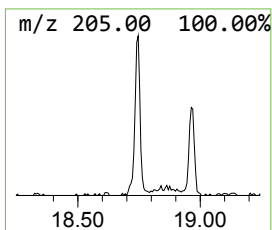
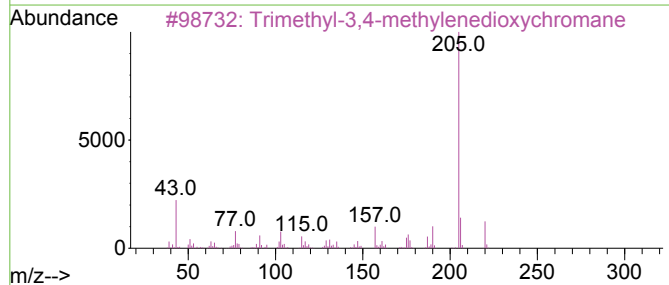
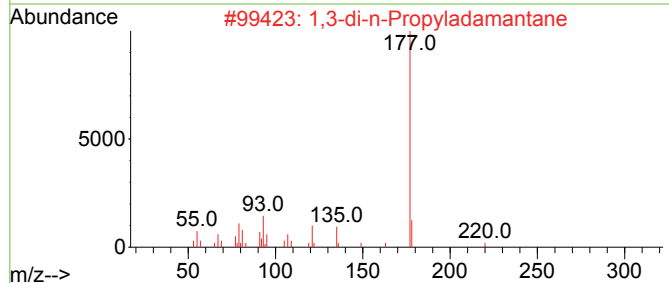
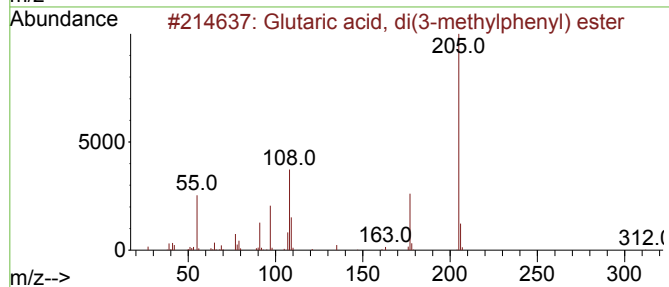
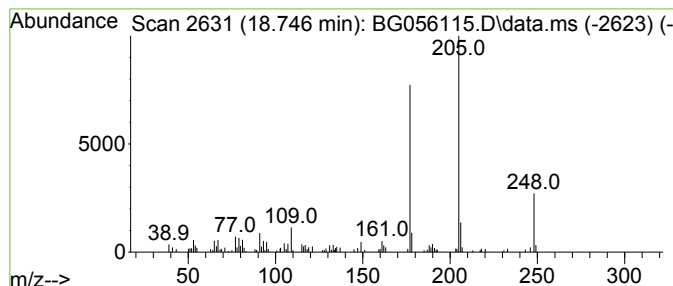
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 unknown-01 Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.746 | 3.18 ng/ul | 121998 | Phenanthrene-d10 | 17.689 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Glutaric acid, di(3-methylphenyl)... | 312 | C19H20O4 | 1000358-91-9 | 43   |
| 2    |    |   | 1,3-di-n-Propyladamantane            | 220 | C16H28   | 040002-47-9  | 38   |
| 3    |    |   | Trimethyl-3,4-methylenedioxychrom... | 220 | C13H16O3 | 1000378-97-7 | 35   |
| 4    |    |   | Phenol, 2-(1,1-dimethylethyl)-4-...  | 206 | C14H22O  | 052184-13-1  | 30   |
| 5    |    |   | p-Sec-butylphenyl 2,3-epoxypropyl... | 206 | C13H18O2 | 067557-76-0  | 30   |





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Acq On : 25 Dec 2022 9:21  
Operator : CG/JU  
Sample : N6017-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF9

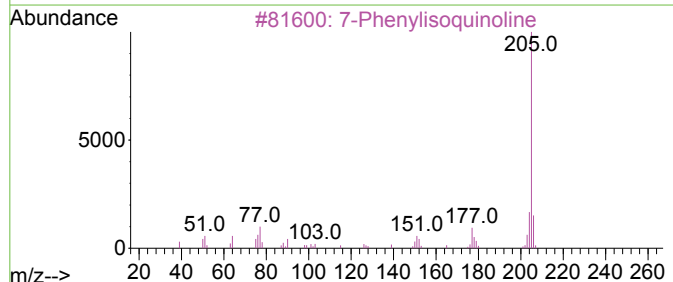
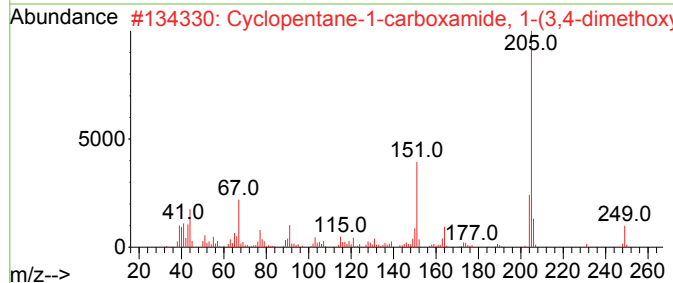
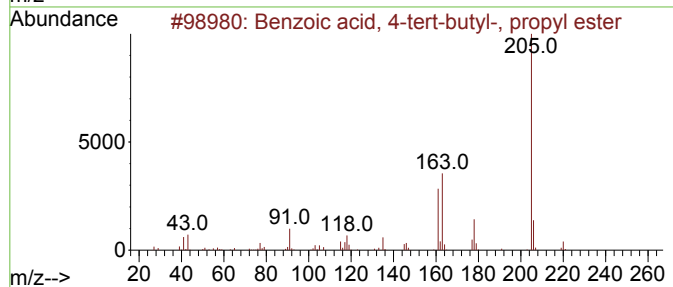
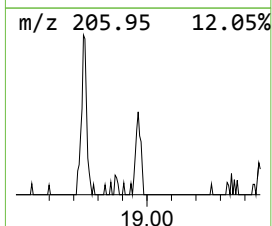
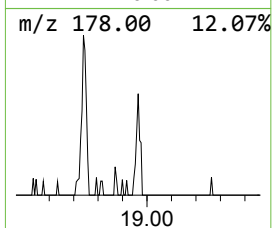
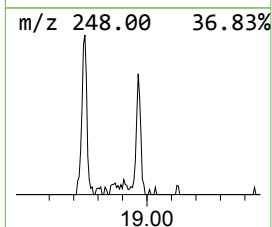
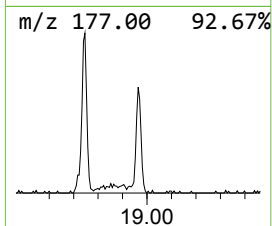
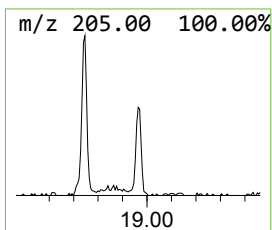
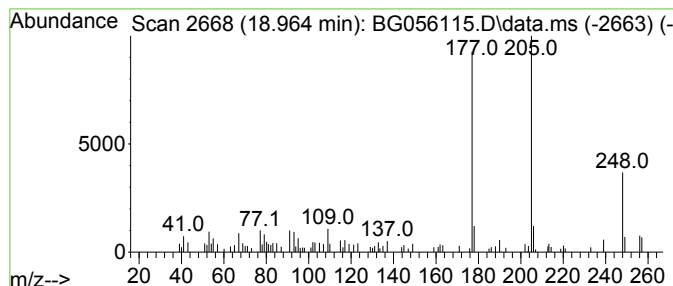
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 unknown-02 Concentration Rank 11

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.964 | 2.36 ng/ul | 90585 | Phenanthrene-d10 | 17.689 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzoic acid, 4-tert-butyl-, pro... | 220 | C14H20O2  | 1000406-13-8 | 46   |
| 2    |    |   | Cyclopentane-1-carboxamide, 1-(3... | 249 | C14H19NO3 | 294873-76-0  | 38   |
| 3    |    |   | 7-Phenylisoquinoline                | 205 | C15H11N   | 070125-65-4  | 35   |
| 4    |    |   | 6-Amino-1H-quinazoline-2,4-dione    | 177 | C8H7N3O2  | 1000318-19-4 | 30   |
| 5    |    |   | 2-Amino-4-hydroxy-6,7,8-trimethy... | 205 | C9H11N5O  | 013045-86-8  | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056115.D  
Acq On : 25 Dec 2022 9:21  
Operator : CG/JU  
Sample : N6017-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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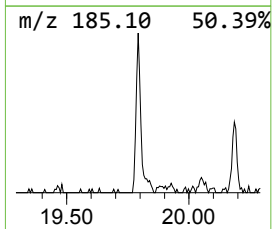
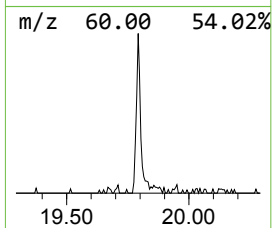
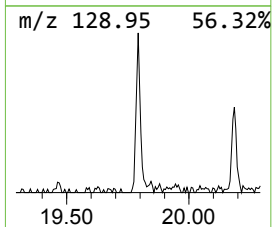
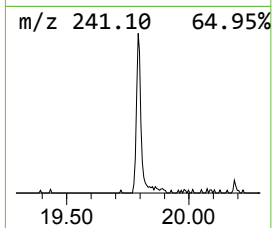
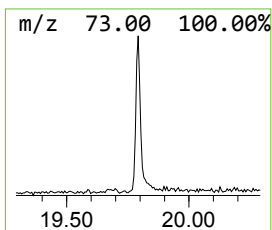
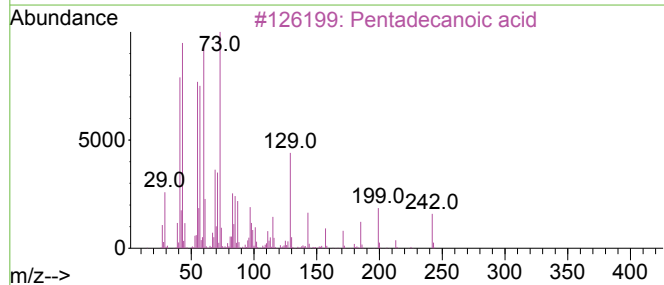
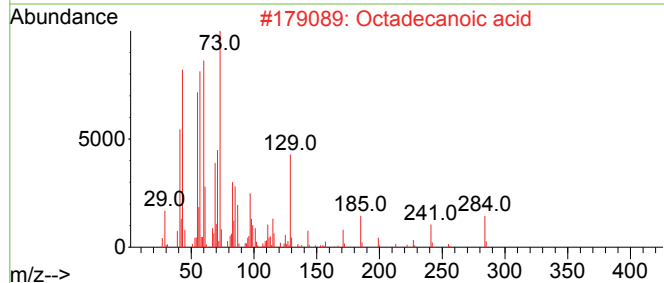
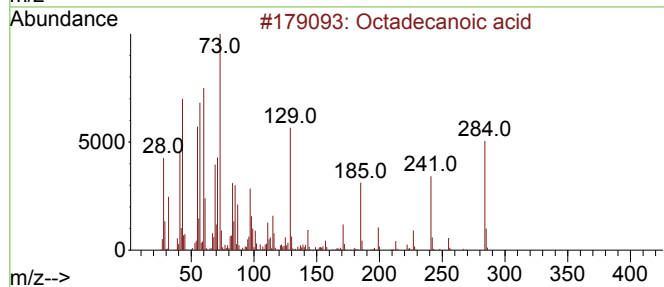
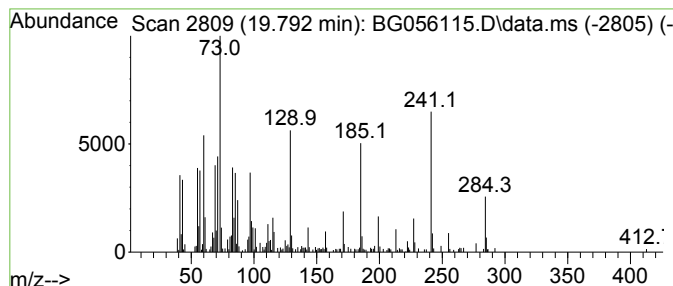
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.792 | 6.77 ng/ul | 259889 | Phenanthrene-d10 | 17.689 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 95   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 50   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 44   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 43   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056115.D  
Acq On : 25 Dec 2022 9:21  
Operator : CG/JU  
Sample : N6017-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF9

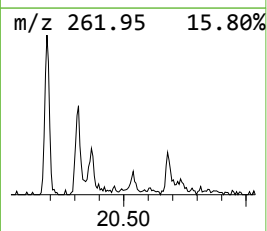
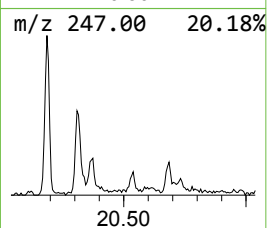
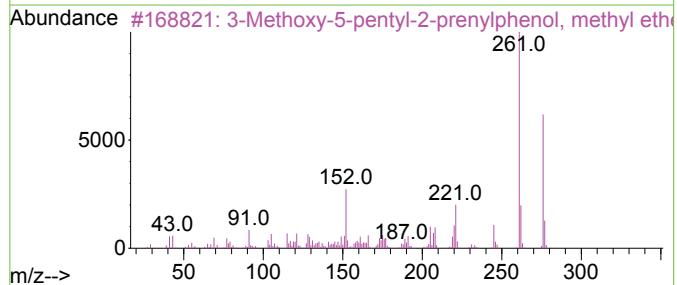
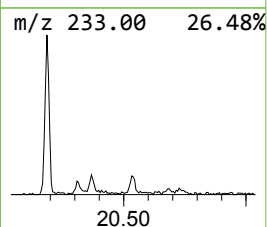
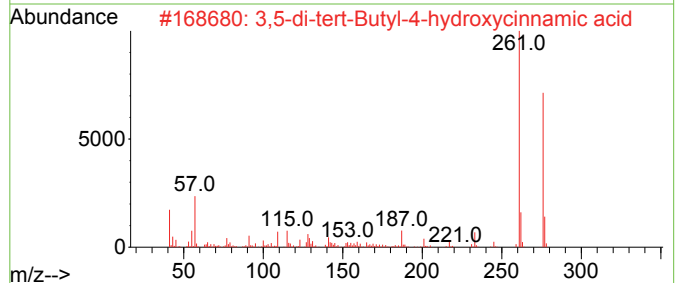
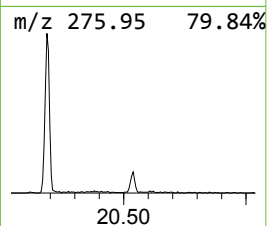
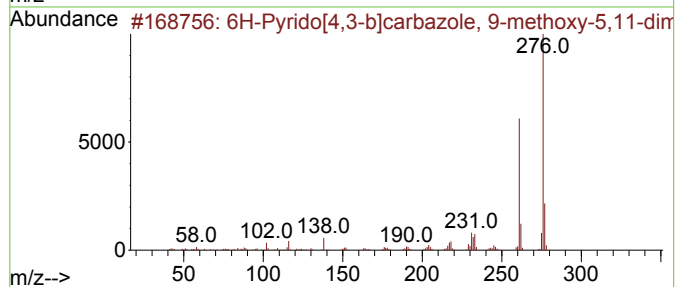
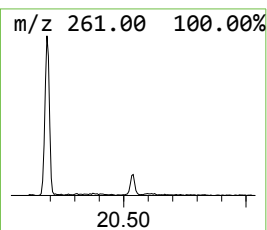
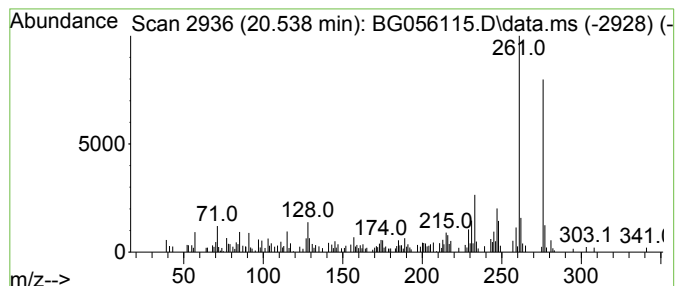
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 6H-Pyrido[4,3-b]carbazole, ... Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.538 | 2.97 ng/ul | 132039 | Chrysene-d12     | 21.989 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 6H-Pyrido[4,3-b]carbazole, 9-met... | 276 | C18H16N2O  | 010371-86-5  | 76   |
| 2    |    |   | 3,5-di-tert-Butyl-4-hydroxycinna... | 276 | C17H24O3   | 022014-01-3  | 76   |
| 3    |    |   | 3-Methoxy-5-pentyl-2-prenylpheno... | 276 | C18H28O2   | 083036-53-7  | 59   |
| 4    |    |   | (1H)Pyrrole, 3,4-dimethyl-5-meth... | 276 | C15H20N2OS | 1000197-22-6 | 49   |
| 5    |    |   | 2-Naphthalenol, 1-[(2,4-dimethyl... | 276 | C18H16N2O  | 003118-97-6  | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056115.D  
Acq On : 25 Dec 2022 9:21  
Operator : CG/JU  
Sample : N6017-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF9

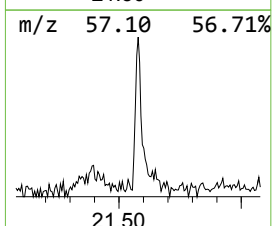
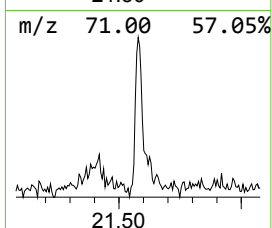
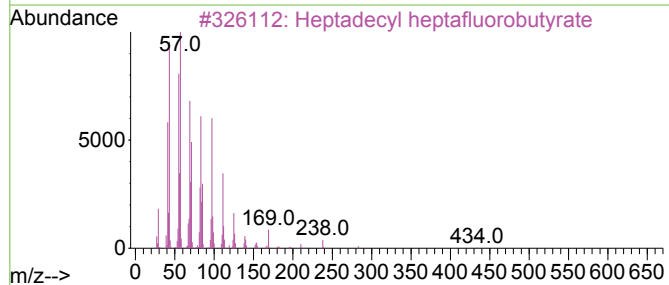
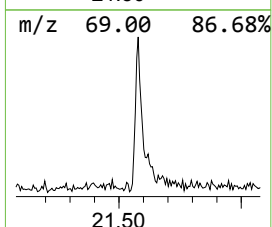
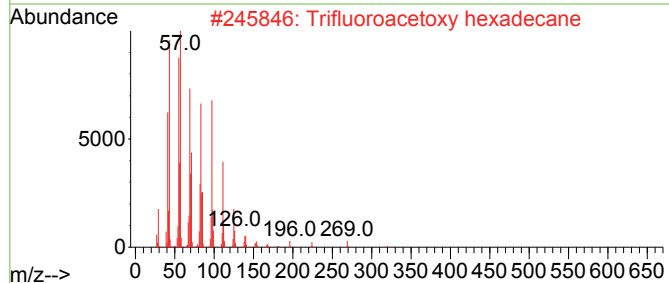
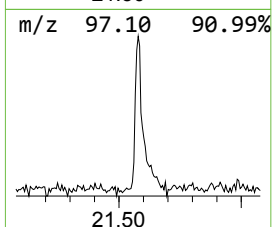
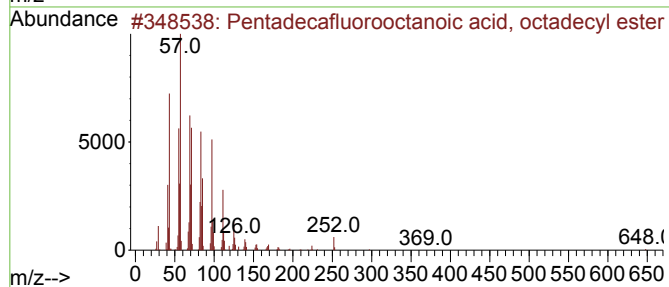
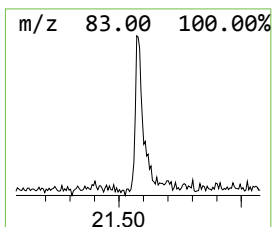
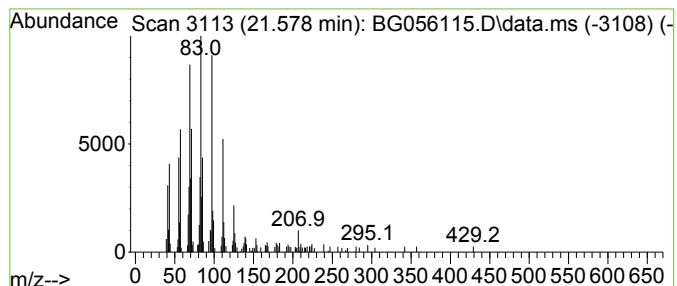
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Pentadecafluorooctanoic aci... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.578 | 3.73 ng/ul | 165859 | Chrysene-d12     | 21.989 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 87   |
| 2    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3  | 83   |
| 3    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 81   |
| 4    |    |   | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2  | 959218-78-1  | 81   |
| 5    |    |   | Octacosanol                         | 410 | C28H58O     | 000557-61-9  | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056115.D  
Acq On : 25 Dec 2022 9:21  
Operator : CG/JU  
Sample : N6017-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF9

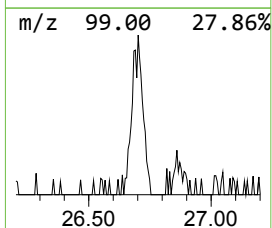
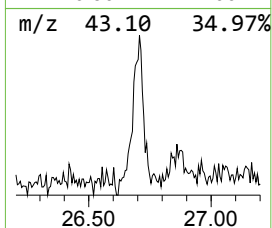
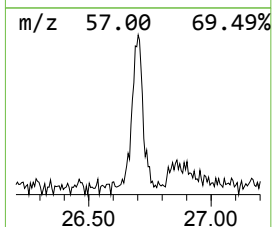
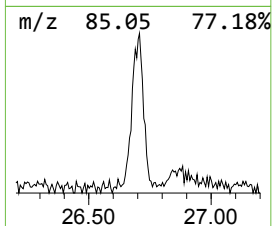
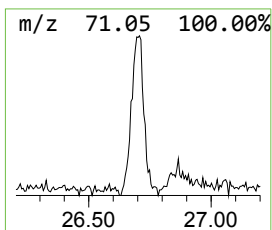
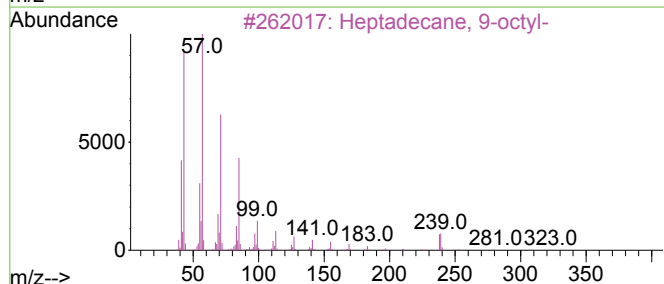
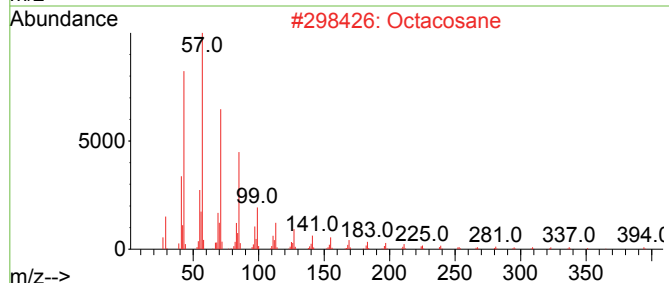
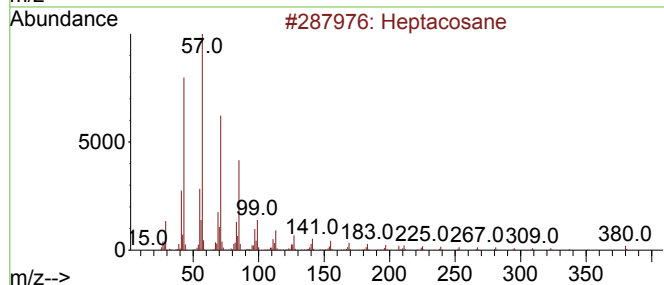
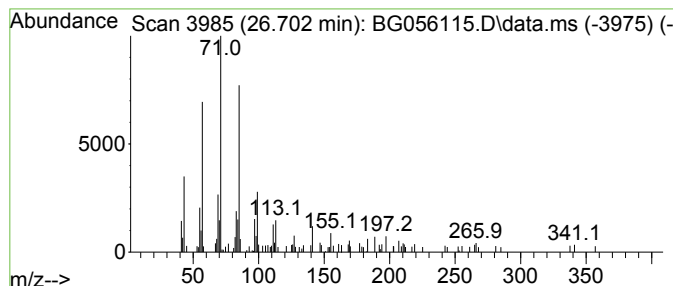
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 26.702 | 3.55 ng/ul | 159166 | Perylene-d12     | 25.462 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Heptacosane           | 380 | C27H56  | 000593-49-7 | 87   |
| 2    |      | Octacosane            | 394 | C28H58  | 000630-02-4 | 86   |
| 3    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 86   |
| 4    |      | Tetracosane           | 338 | C24H50  | 000646-31-1 | 86   |
| 5    |      | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056115.D  
Acq On : 25 Dec 2022 9:21  
Operator : CG/JU  
Sample : N6017-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF9

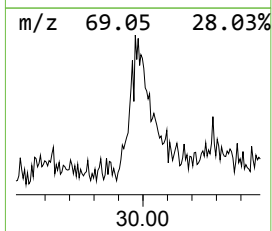
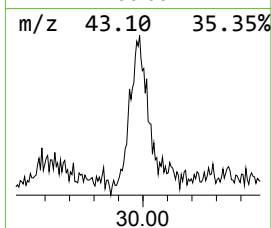
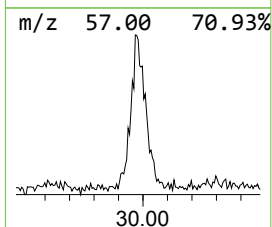
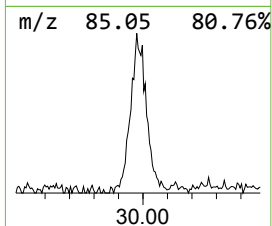
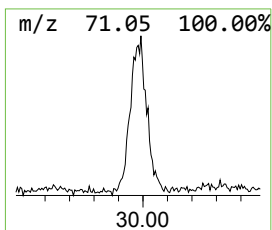
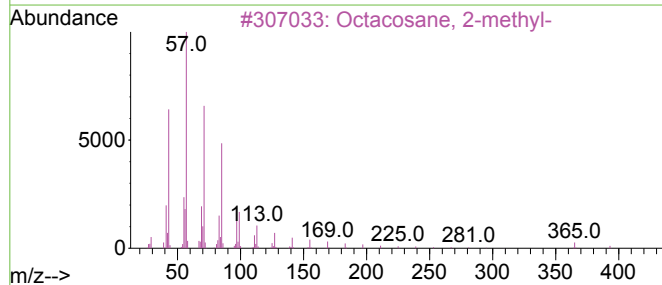
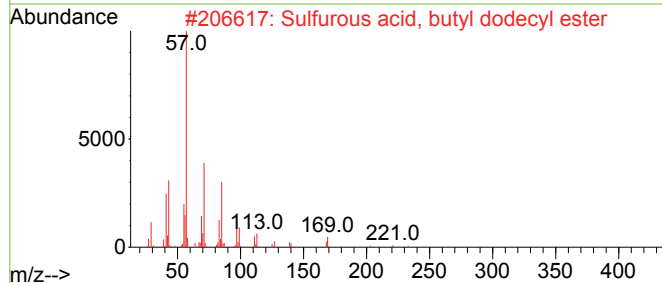
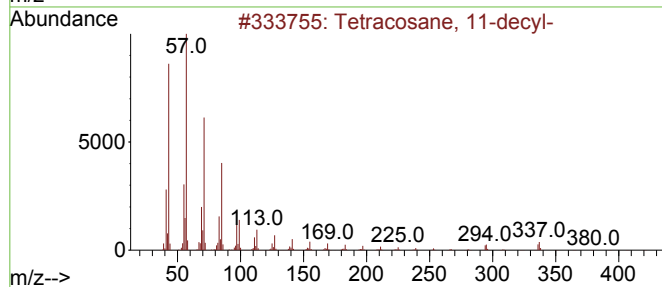
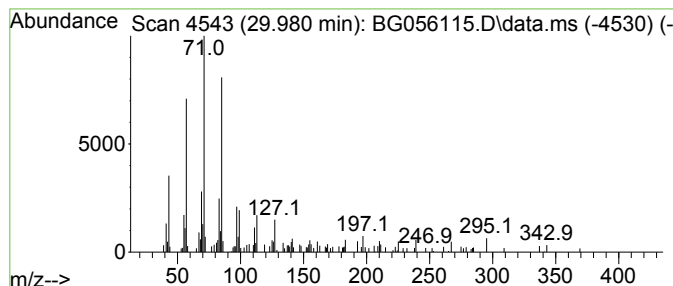
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG122422.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 29.980 | 3.58 ng/ul | 160562 | Perylene-d12     | 25.462 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Tetracosane, 11-decyl-              | 479 | C34H70    | 055429-84-0  | 90   |
| 2    |      | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 86   |
| 3    |      | Octacosane, 2-methyl-               | 408 | C29H60    | 001560-98-1  | 86   |
| 4    |      | Heneicosane, 11-decyl-              | 437 | C31H64    | 055320-06-4  | 86   |
| 5    |      | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056115.D  
Acq On : 25 Dec 2022 9:21  
Operator : CG/JU  
Sample : N6017-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG122422.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 |
| Butane, 2-metho... | 3.370  | 13.7    | ng/ul | 138331   | 1                     | 8.347  | 202570 | 20.0 |
| Benzophenone       | 16.290 | 18.8    | ng/ul | 538632   | 3                     | 14.951 | 573531 | 20.0 |
| n-Hexadecanoic ... | 18.535 | 5.0     | ng/ul | 191573   | 4                     | 17.689 | 767897 | 20.0 |
| unknown-01         | 18.746 | 3.2     | ng/ul | 121998   | 4                     | 17.689 | 767897 | 20.0 |
| unknown-02         | 18.964 | 2.4     | ng/ul | 90585    | 4                     | 17.689 | 767897 | 20.0 |
| Octadecanoic acid  | 19.792 | 6.8     | ng/ul | 259889   | 4                     | 17.689 | 767897 | 20.0 |
| 4-(3-Fluoro-8-n... | 20.186 | 14.9    | ng/ul | 664200   | 5                     | 21.989 | 889182 | 20.0 |
| 6H-Pyrido[4,3-b... | 20.538 | 3.0     | ng/ul | 132039   | 5                     | 21.989 | 889182 | 20.0 |
| Pentadecafluoro... | 21.578 | 3.7     | ng/ul | 165859   | 5                     | 21.989 | 889182 | 20.0 |
| (DEL) Alkane: S... | 26.702 | 3.5     | ng/ul | 159166   | 6                     | 25.462 | 897145 | 20.0 |
| (DEL) Alkane: S... | 29.980 | 3.6     | ng/ul | 160562   | 6                     | 25.462 | 897145 | 20.0 |