

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
 Data File : BG056105.D  
 Acq On : 25 Dec 2022 1:55  
 Operator : CG/JU  
 Sample : N6017-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBYF4

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: BG056105.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         | 3.369       | 10            | 14          | 20           | rBV      | 97384          | 137110        | 10.31%          | 0.844%        |
| 2         | 3.646       | 56            | 61          | 67           | rBV2     | 6041           | 9423          | 0.71%           | 0.058%        |
| 3         | 4.080       | 131           | 135         | 148          | rBV      | 78373          | 136281        | 10.24%          | 0.839%        |
| 4         | 4.198       | 150           | 155         | 161          | rVB3     | 3299           | 5653          | 0.42%           | 0.035%        |
| 5         | 4.433       | 192           | 195         | 197          | rBV2     | 2274           | 2555          | 0.19%           | 0.016%        |
| 6         | 4.656       | 227           | 233         | 241          | rBV2     | 9321           | 16893         | 1.27%           | 0.104%        |
| 7         | 5.085       | 301           | 306         | 309          | rBV2     | 6618           | 8411          | 0.63%           | 0.052%        |
| 8         | 7.012       | 628           | 634         | 639          | rVB4     | 8878           | 13322         | 1.00%           | 0.082%        |
| 9         | 7.470       | 705           | 712         | 720          | rBV      | 132317         | 235495        | 17.70%          | 1.450%        |
| 10        | 7.653       | 736           | 743         | 752          | rBV      | 103360         | 169106        | 12.71%          | 1.041%        |
| 11        | 7.870       | 773           | 780         | 789          | rVB      | 135016         | 228702        | 17.19%          | 1.408%        |
| 12        | 8.346       | 851           | 861         | 868          | rBV      | 129826         | 220425        | 16.57%          | 1.357%        |
| 13        | 9.033       | 971           | 978         | 988          | rVB      | 186993         | 326502        | 24.54%          | 2.010%        |
| 14        | 9.515       | 1051          | 1060        | 1068         | rBV      | 124619         | 218277        | 16.41%          | 1.344%        |
| 15        | 9.897       | 1121          | 1125        | 1132         | rBV2     | 3375           | 4952          | 0.37%           | 0.030%        |
| 16        | 10.244      | 1177          | 1184        | 1192         | rVB      | 106565         | 190860        | 14.35%          | 1.175%        |
| 17        | 10.784      | 1268          | 1276        | 1283         | rBV      | 221759         | 386945        | 29.08%          | 2.382%        |
| 18        | 11.178      | 1333          | 1343        | 1352         | rBB      | 186927         | 338008        | 25.41%          | 2.081%        |
| 19        | 11.301      | 1356          | 1364        | 1372         | rBV      | 132594         | 237290        | 17.84%          | 1.461%        |
| 20        | 12.735      | 1603          | 1608        | 1614         | rBV2     | 3859           | 6422          | 0.48%           | 0.040%        |
| 21        | 13.863      | 1797          | 1800        | 1805         | rVB      | 2778           | 3485          | 0.26%           | 0.021%        |
| 22        | 14.345      | 1875          | 1882        | 1888         | rBV      | 430324         | 621386        | 46.71%          | 3.825%        |
| 23        | 14.503      | 1906          | 1909        | 1913         | rBV2     | 5563           | 7420          | 0.56%           | 0.046%        |
| 24        | 14.650      | 1927          | 1934        | 1942         | rVB      | 493856         | 787495        | 59.19%          | 4.847%        |
| 25        | 14.956      | 1978          | 1986        | 1992         | rBV      | 393465         | 620002        | 46.60%          | 3.816%        |
| 26        | 15.009      | 1992          | 1995        | 2001         | rVB4     | 4763           | 6418          | 0.48%           | 0.040%        |
| 27        | 15.114      | 2006          | 2013        | 2021         | rBV      | 154907         | 240816        | 18.10%          | 1.482%        |
| 28        | 15.185      | 2021          | 2025        | 2029         | rVV4     | 6509           | 10725         | 0.81%           | 0.066%        |
| 29        | 15.255      | 2033          | 2037        | 2039         | rVV2     | 2241           | 2594          | 0.19%           | 0.016%        |
| 30        | 15.314      | 2043          | 2047        | 2049         | rBV      | 2512           | 2806          | 0.21%           | 0.017%        |
| 31        | 15.849      | 2134          | 2138        | 2141         | rBV4     | 7706           | 10901         | 0.82%           | 0.067%        |
| 32        | 15.937      | 2146          | 2153        | 2163         | rVV      | 722471         | 1071870       | 80.57%          | 6.598%        |
| 33        | 16.037      | 2163          | 2170        | 2178         | rVV      | 153230         | 231438        | 17.40%          | 1.425%        |
| 34        | 16.166      | 2189          | 2192        | 2193         | rBV      | 3644           | 2985          | 0.22%           | 0.018%        |
| 35        | 16.178      | 2193          | 2194        | 2198         | rVB      | 2764           | 2719          | 0.20%           | 0.017%        |
| 36        | 16.290      | 2207          | 2213        | 2220         | rBV      | 415194         | 605023        | 45.48%          | 3.724%        |

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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 | 16.354 | 2220 | 2224 | 2225 | rBV  | 2522   | 2885    | 0.22%  | 0.018% |
| 38 | 16.501 | 2244 | 2249 | 2254 | rVV4 | 9637   | 14895   | 1.12%  | 0.092% |
| 39 | 16.548 | 2254 | 2257 | 2259 | rVV2 | 3945   | 5526    | 0.42%  | 0.034% |
| 40 | 16.566 | 2259 | 2260 | 2263 | rVV3 | 3623   | 2746    | 0.21%  | 0.017% |
| 41 | 16.642 | 2266 | 2273 | 2278 | rVV6 | 6563   | 10521   | 0.79%  | 0.065% |
| 42 | 16.854 | 2304 | 2309 | 2314 | rVV2 | 37980  | 53718   | 4.04%  | 0.331% |
| 43 | 16.912 | 2318 | 2319 | 2322 | rBV2 | 3309   | 2623    | 0.20%  | 0.016% |
| 44 | 16.965 | 2322 | 2328 | 2334 | rBV  | 13207  | 23278   | 1.75%  | 0.143% |
| 45 | 17.047 | 2340 | 2342 | 2346 | rVB4 | 3688   | 4119    | 0.31%  | 0.025% |
| 46 | 17.130 | 2354 | 2356 | 2360 | rVB4 | 3062   | 3035    | 0.23%  | 0.019% |
| 47 | 17.177 | 2360 | 2364 | 2366 | rBV3 | 3768   | 5167    | 0.39%  | 0.032% |
| 48 | 17.494 | 2413 | 2418 | 2421 | rVV3 | 8469   | 11066   | 0.83%  | 0.068% |
| 49 | 17.541 | 2421 | 2426 | 2427 | rVV3 | 3408   | 3721    | 0.28%  | 0.023% |
| 50 | 17.694 | 2445 | 2452 | 2458 | rVV  | 536084 | 840817  | 63.20% | 5.176% |
| 51 | 17.735 | 2458 | 2459 | 2462 | rVV2 | 5217   | 5182    | 0.39%  | 0.032% |
| 52 | 17.788 | 2462 | 2468 | 2475 | rVV2 | 719375 | 1112400 | 83.61% | 6.847% |
| 53 | 18.029 | 2504 | 2509 | 2510 | rBV  | 2570   | 2812    | 0.21%  | 0.017% |
| 54 | 18.328 | 2556 | 2560 | 2563 | rBV3 | 4121   | 5241    | 0.39%  | 0.032% |
| 55 | 18.381 | 2566 | 2569 | 2570 | rBV2 | 2539   | 2847    | 0.21%  | 0.018% |
| 56 | 18.481 | 2582 | 2586 | 2589 | rBV4 | 12687  | 14865   | 1.12%  | 0.092% |
| 57 | 18.540 | 2590 | 2596 | 2602 | rBV  | 124223 | 174145  | 13.09% | 1.072% |
| 58 | 18.746 | 2623 | 2631 | 2635 | rBV  | 53390  | 78398   | 5.89%  | 0.483% |
| 59 | 18.804 | 2635 | 2641 | 2646 | rBV2 | 22527  | 33072   | 2.49%  | 0.204% |
| 60 | 18.892 | 2654 | 2656 | 2661 | rBV6 | 4730   | 5966    | 0.45%  | 0.037% |
| 61 | 18.963 | 2664 | 2668 | 2675 | rVB3 | 37260  | 56992   | 4.28%  | 0.351% |
| 62 | 19.057 | 2680 | 2684 | 2688 | rVB3 | 16112  | 22367   | 1.68%  | 0.138% |
| 63 | 19.127 | 2691 | 2696 | 2702 | rVB2 | 45973  | 63691   | 4.79%  | 0.392% |
| 64 | 19.186 | 2702 | 2706 | 2709 | rBV6 | 6947   | 9711    | 0.73%  | 0.060% |
| 65 | 19.274 | 2719 | 2721 | 2725 | rVB4 | 4239   | 5081    | 0.38%  | 0.031% |
| 66 | 19.333 | 2725 | 2731 | 2734 | rBV8 | 4404   | 9212    | 0.69%  | 0.057% |
| 67 | 19.386 | 2737 | 2740 | 2741 | rBV3 | 5612   | 4532    | 0.34%  | 0.028% |
| 68 | 19.468 | 2748 | 2754 | 2759 | rBV2 | 39032  | 57989   | 4.36%  | 0.357% |
| 69 | 19.550 | 2767 | 2768 | 2769 | rBV  | 4510   | 2643    | 0.20%  | 0.016% |
| 70 | 19.574 | 2769 | 2772 | 2775 | rBV4 | 10700  | 13743   | 1.03%  | 0.085% |
| 71 | 19.627 | 2777 | 2781 | 2782 | rBV4 | 9642   | 12077   | 0.91%  | 0.074% |
| 72 | 19.697 | 2787 | 2793 | 2795 | rBV4 | 24452  | 52614   | 3.95%  | 0.324% |
| 73 | 19.791 | 2805 | 2809 | 2811 | rBV2 | 67021  | 90906   | 6.83%  | 0.560% |
| 74 | 20.056 | 2848 | 2854 | 2860 | rVB  | 928568 | 1328777 | 99.88% | 8.179% |
| 75 | 20.185 | 2871 | 2876 | 2881 | rBV  | 203335 | 270180  | 20.31% | 1.663% |
| 76 | 20.226 | 2881 | 2883 | 2884 | rBV2 | 10053  | 7508    | 0.56%  | 0.046% |

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Instrument :  
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 ClientSampleId :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 77  | 20.308 | 2893 | 2897 | 2902 | rBV  | 62267  | 87264   | 6.56%   | 0.537% |
| 78  | 20.367 | 2904 | 2907 | 2914 | rVB5 | 27062  | 38018   | 2.86%   | 0.234% |
| 79  | 20.538 | 2931 | 2936 | 2940 | rBV4 | 47270  | 71935   | 5.41%   | 0.443% |
| 80  | 20.679 | 2958 | 2960 | 2964 | rVB3 | 28719  | 33628   | 2.53%   | 0.207% |
| 81  | 20.767 | 2974 | 2975 | 2980 | rVB5 | 9341   | 10307   | 0.77%   | 0.063% |
| 82  | 20.867 | 2988 | 2992 | 2994 | rBV4 | 12665  | 17009   | 1.28%   | 0.105% |
| 83  | 20.925 | 3000 | 3002 | 3004 | rBV3 | 7943   | 5211    | 0.39%   | 0.032% |
| 84  | 21.002 | 3013 | 3015 | 3020 | rVB4 | 11446  | 13525   | 1.02%   | 0.083% |
| 85  | 21.384 | 3077 | 3080 | 3081 | rBV2 | 10828  | 13546   | 1.02%   | 0.083% |
| 86  | 21.577 | 3107 | 3113 | 3126 | rVB3 | 91822  | 195905  | 14.73%  | 1.206% |
| 87  | 21.989 | 3176 | 3183 | 3191 | rVB2 | 527777 | 962666  | 72.36%  | 5.926% |
| 88  | 24.427 | 3594 | 3598 | 3607 | rVB7 | 28006  | 59130   | 4.44%   | 0.364% |
| 89  | 24.621 | 3629 | 3631 | 3634 | rVB3 | 7473   | 6383    | 0.48%   | 0.039% |
| 90  | 25.220 | 3723 | 3733 | 3745 | rVB2 | 458921 | 1330402 | 100.00% | 8.189% |
| 91  | 25.461 | 3762 | 3774 | 3786 | rVB2 | 305776 | 983993  | 73.96%  | 6.057% |
| 92  | 26.125 | 3885 | 3887 | 3893 | rBV7 | 5914   | 9617    | 0.72%   | 0.059% |
| 93  | 26.701 | 3976 | 3985 | 3993 | rBV5 | 48559  | 152837  | 11.49%  | 0.941% |
| 94  | 26.842 | 4005 | 4009 | 4019 | rVB5 | 29242  | 90256   | 6.78%   | 0.556% |
| 95  | 27.970 | 4199 | 4201 | 4203 | rBV2 | 5389   | 4561    | 0.34%   | 0.028% |
| 96  | 29.415 | 4445 | 4447 | 4449 | rBV3 | 7316   | 5445    | 0.41%   | 0.034% |
| 97  | 29.997 | 4535 | 4546 | 4555 | rBV7 | 51493  | 226138  | 17.00%  | 1.392% |
| 98  | 30.632 | 4652 | 4654 | 4657 | rVB4 | 5626   | 6718    | 0.50%   | 0.041% |
| 99  | 31.202 | 4749 | 4751 | 4752 | rBV2 | 7115   | 4565    | 0.34%   | 0.028% |
| 100 | 31.284 | 4752 | 4765 | 4782 | rVV2 | 57845  | 368592  | 27.71%  | 2.269% |

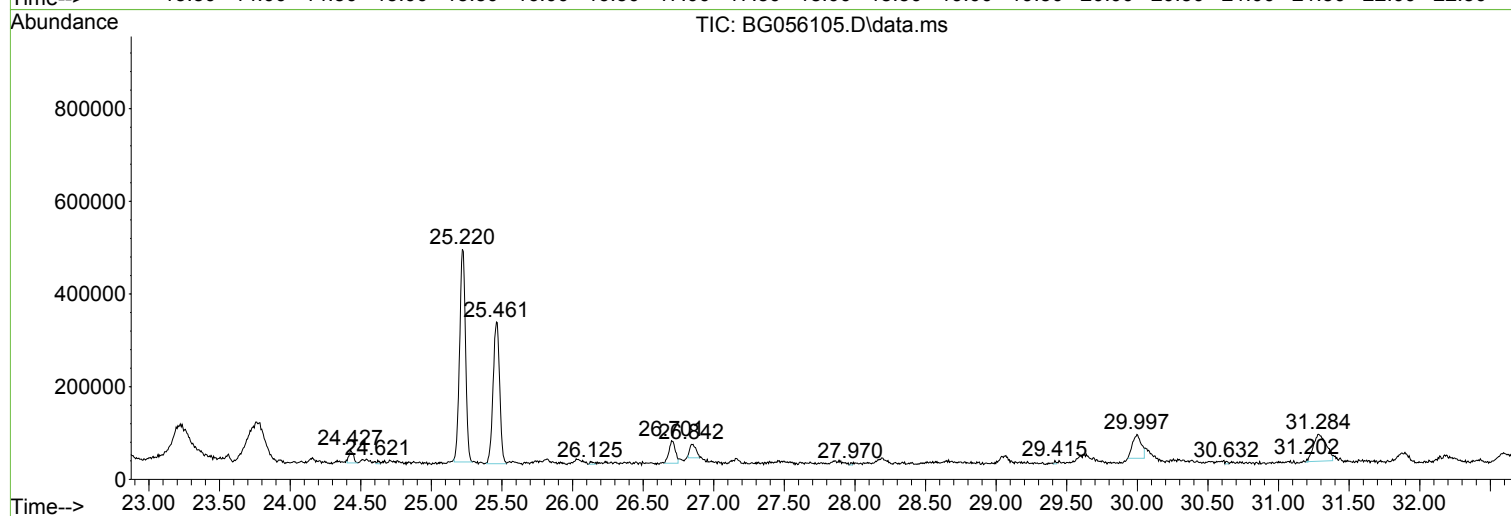
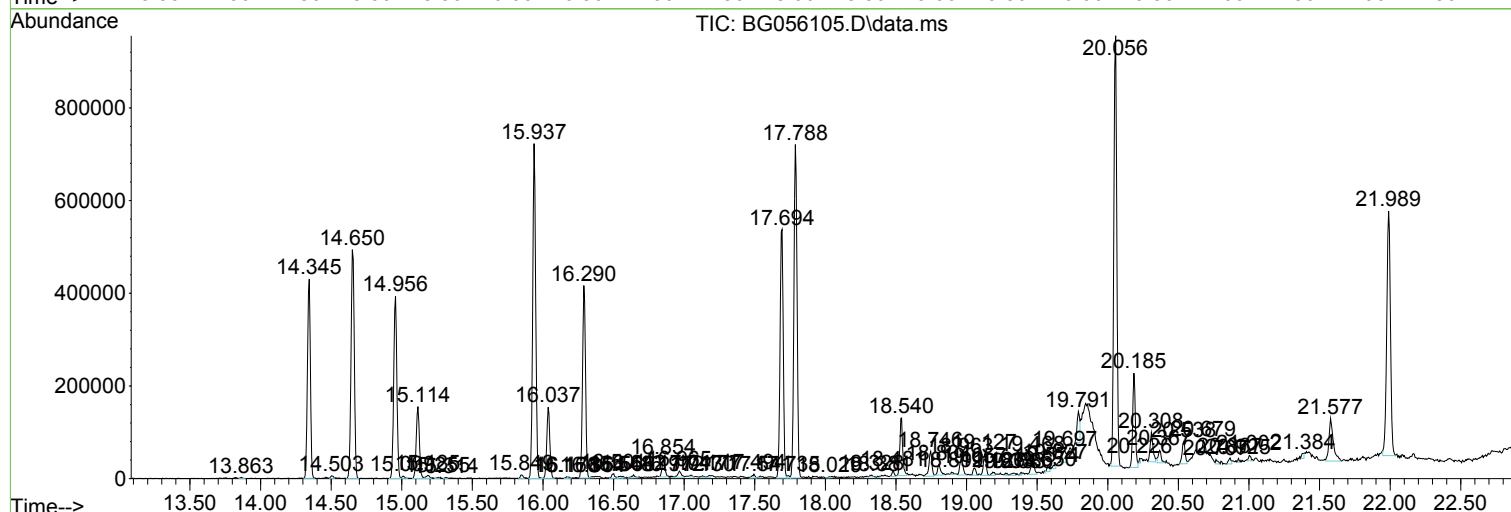
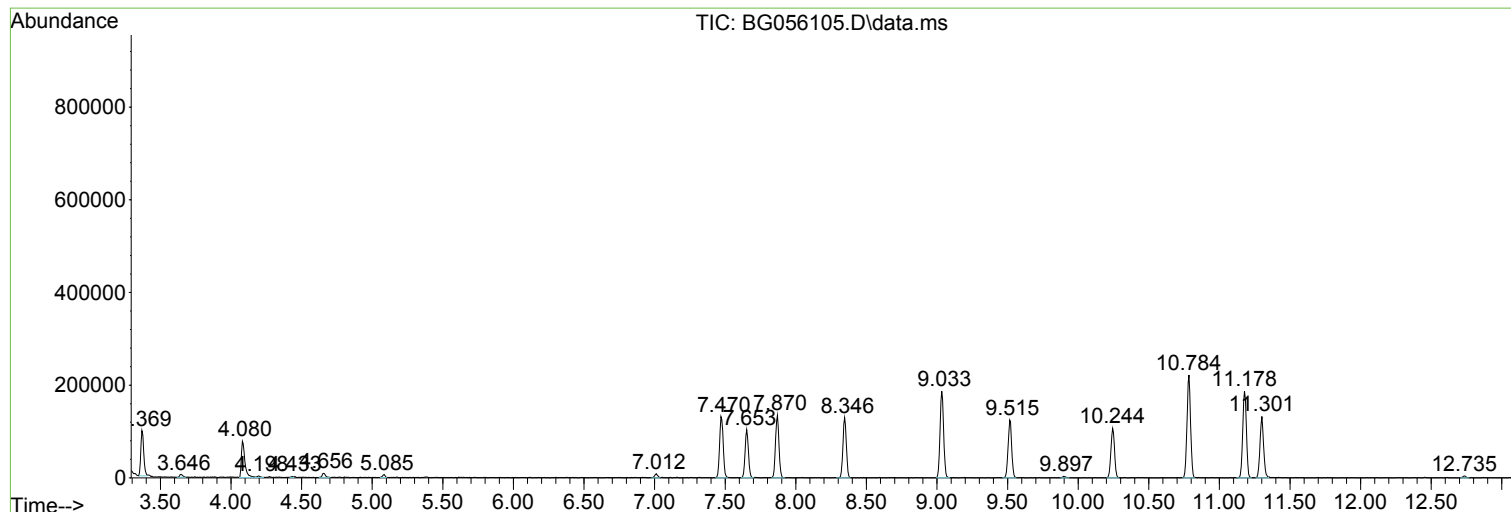
Sum of corrected areas: 16245434

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ALS Vial : 12 Sample Multiplier: 1

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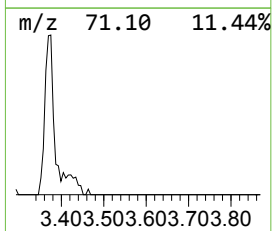
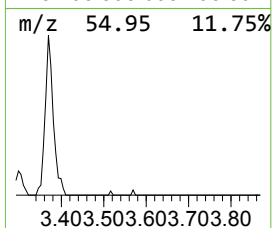
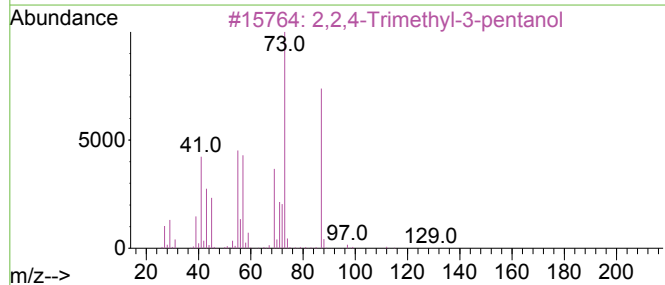
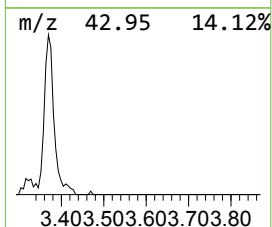
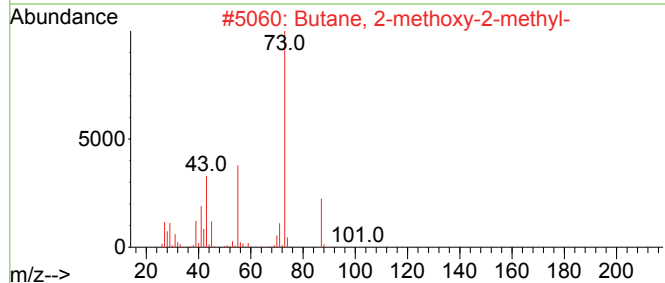
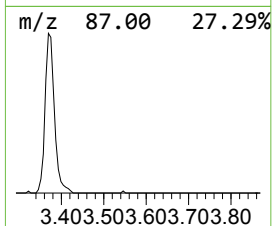
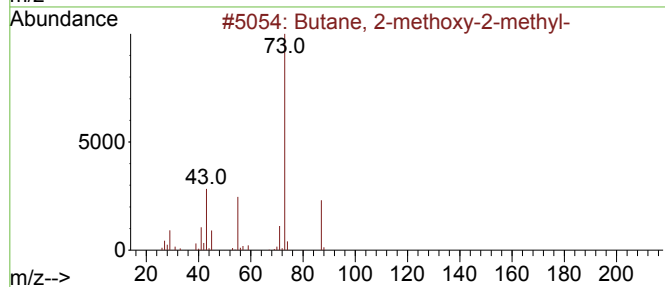
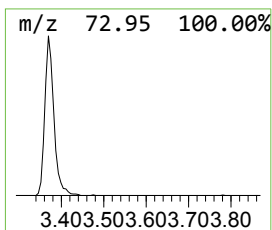
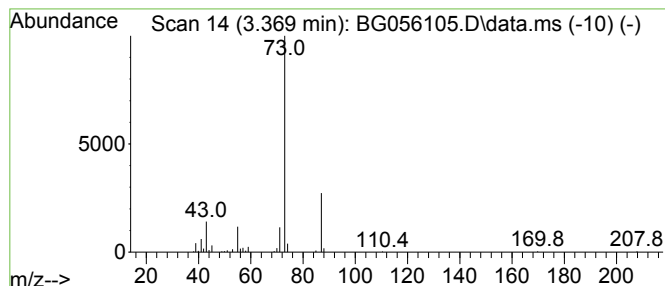
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG122422.M  
Quant Title : SVOA CALIBRATION

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 2

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.369 | 12.44 ng/ul | 137110 | 1,4-Dichlorobenzene-d4 | 8.346 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 50   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 36   |
| 4    |    |   | 1,3-Dioxolane, 2-propyl-    | 116 | C6H12O2 | 003390-13-4 | 23   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |



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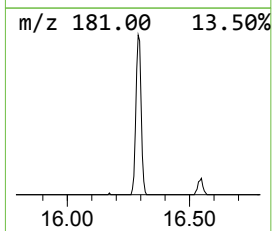
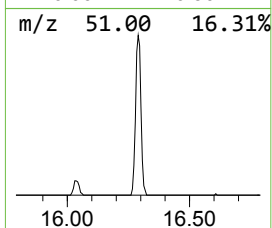
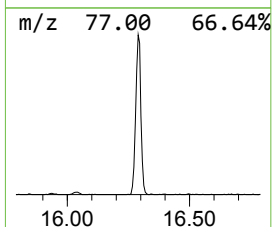
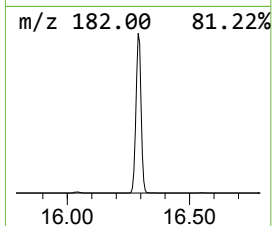
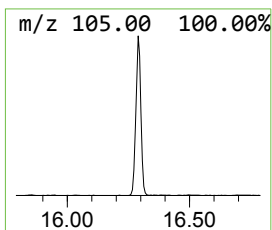
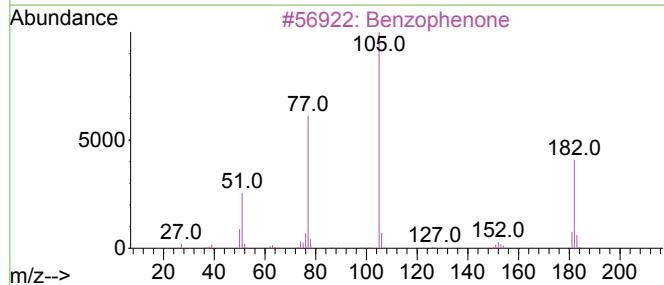
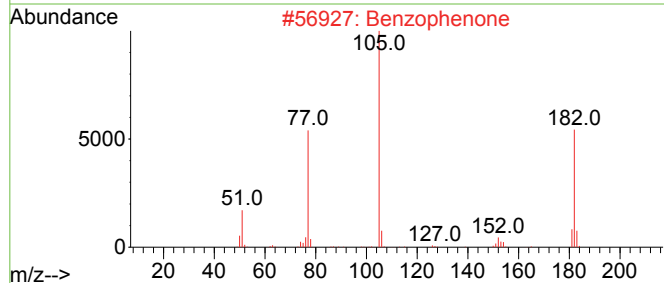
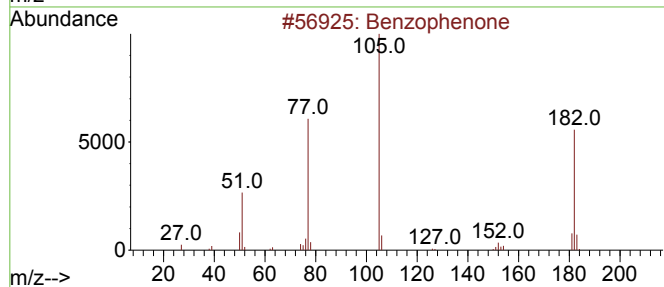
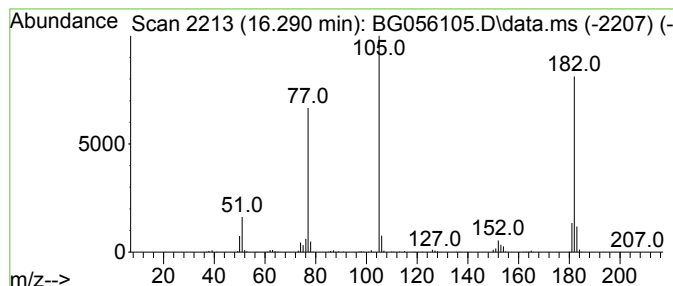
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG122422.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 16.290 | 19.52 ng/ul | 605023 | Acenaphthene-d10 | 14.956 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone            | 182 | C13H10O  | 000119-61-9 | 94   |
| 2    |    |   | Benzophenone            | 182 | C13H10O  | 000119-61-9 | 94   |
| 3    |    |   | Benzophenone            | 182 | C13H10O  | 000119-61-9 | 91   |
| 4    |    |   | Benzophenone            | 182 | C13H10O  | 000119-61-9 | 91   |
| 5    |    |   | 2,4,6-Trimethoxytoluene | 182 | C10H14O3 | 014107-97-2 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056105.D  
Acq On : 25 Dec 2022 1:55  
Operator : CG/JU  
Sample : N6017-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF4

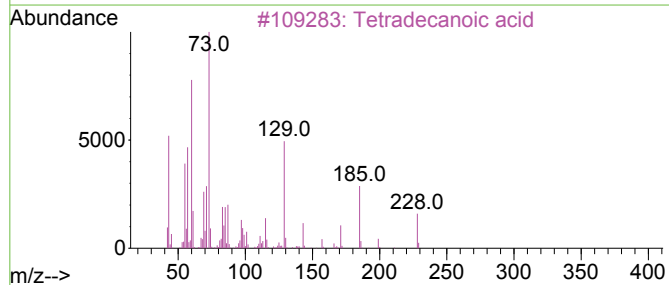
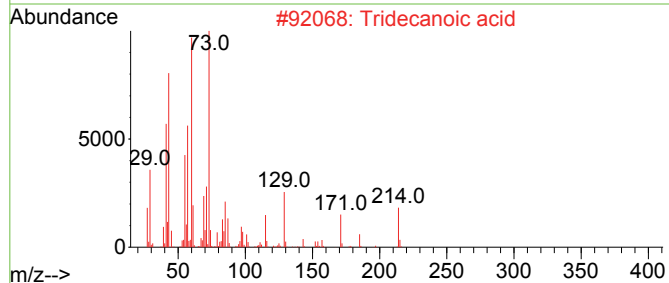
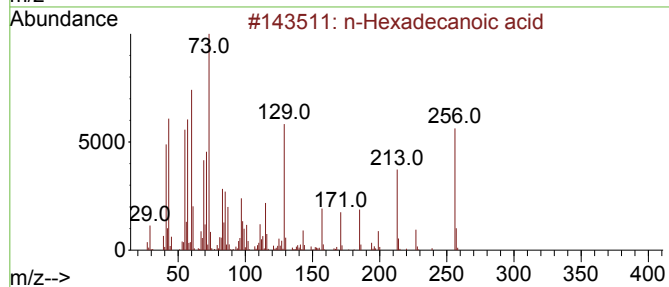
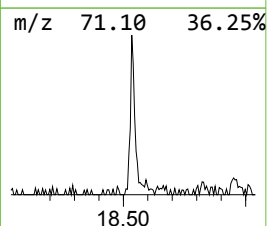
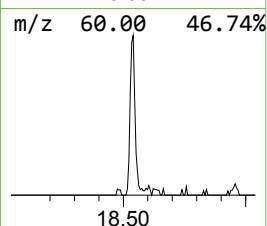
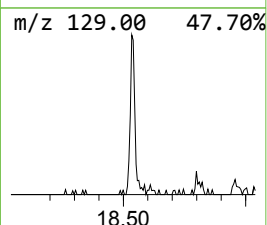
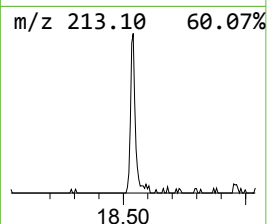
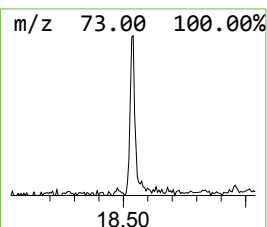
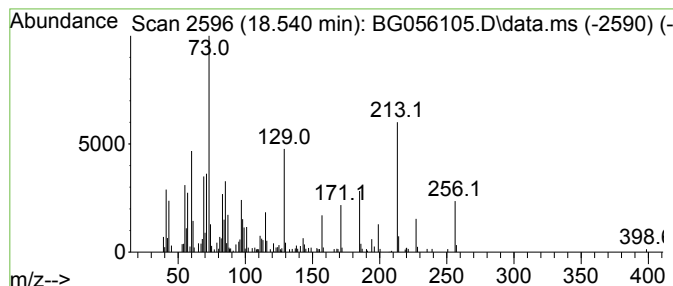
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.540 | 4.14 ng/ul | 174145 | Phenanthrene-d10 | 17.694 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 60   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 55   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 50   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056105.D  
Acq On : 25 Dec 2022 1:55  
Operator : CG/JU  
Sample : N6017-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF4

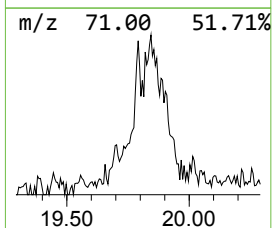
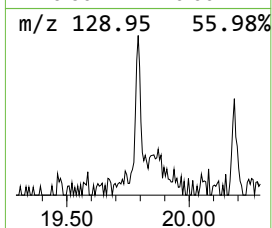
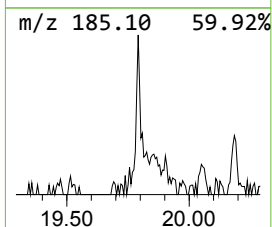
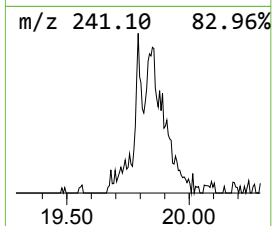
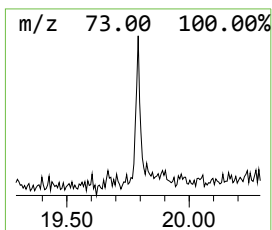
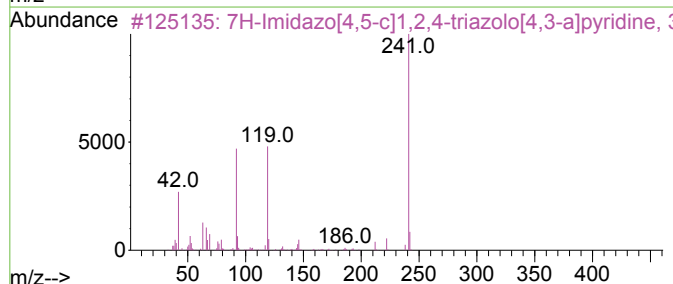
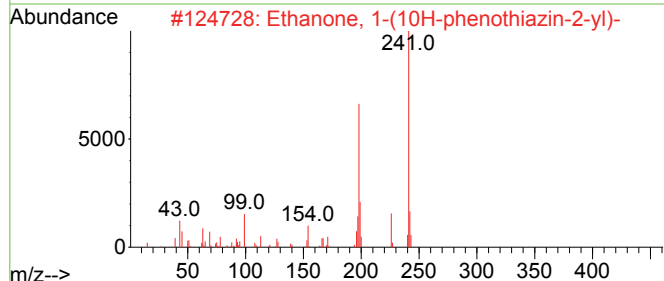
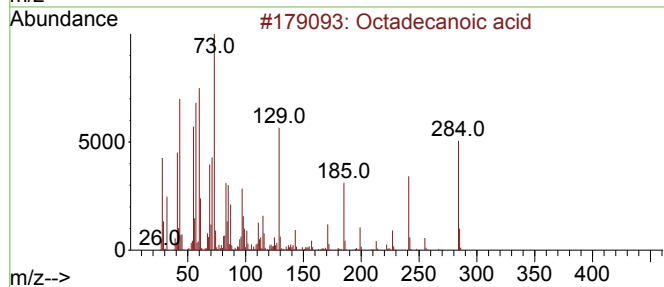
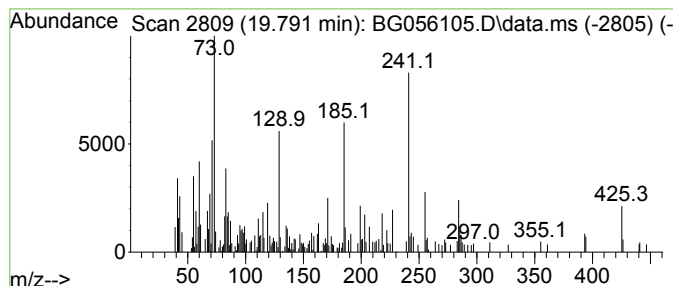
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Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|-------|------------------|--------|
| 19.791 | 2.16 ng/ul | 90906 | Phenanthrene-d10 | 17.694 |

| Hit# | of | 5 | Tentative ID                                               | MW  | MolForm    | CAS#         | Qual |
|------|----|---|------------------------------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Octadecanoic acid                                          | 284 | C18H36O2   | 000057-11-4  | 35   |
| 2    |    |   | Ethanone, 1-(10H-phenothiazin-2-yl)-                       | 241 | C14H11NOS  | 006631-94-3  | 18   |
| 3    |    |   | 7H-Imidazo[4,5-c]1,2,4-triazolo[4,3-a]pyridine, 5-methyl-  | 241 | C9H6F3N5   | 115792-11-5  | 18   |
| 4    |    |   | 3-Methyl-1-[3-(trifluoromethyl)piperidin-1-yl]propan-1-one | 241 | C11H10F3N3 | 000345-07-3  | 18   |
| 5    |    |   | Pyrimido[4',5':4,5]furo[2,3-b]quinoxaline                  | 241 | C13H11N3O2 | 1000362-77-3 | 14   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056105.D  
Acq On : 25 Dec 2022 1:55  
Operator : CG/JU  
Sample : N6017-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

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

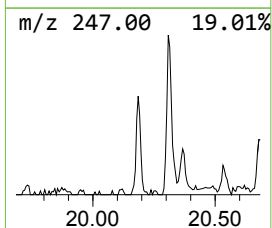
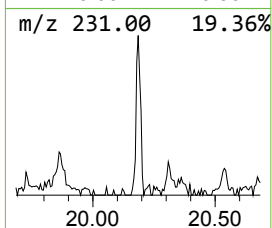
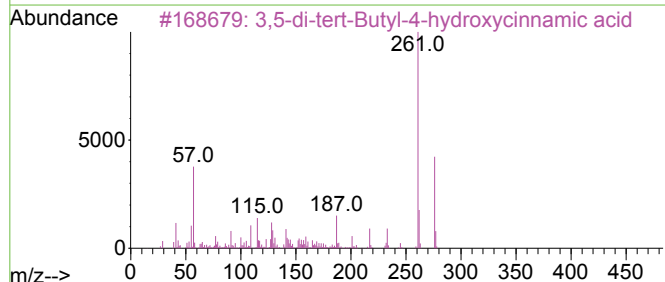
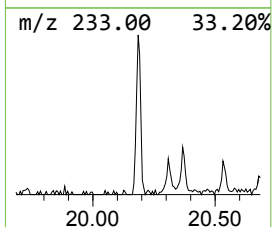
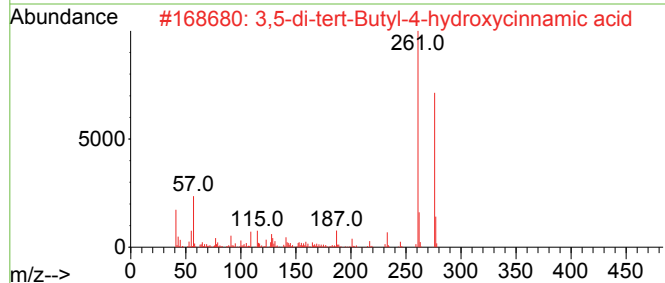
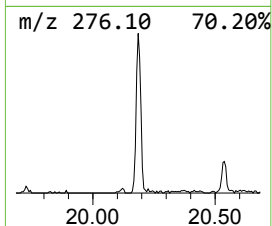
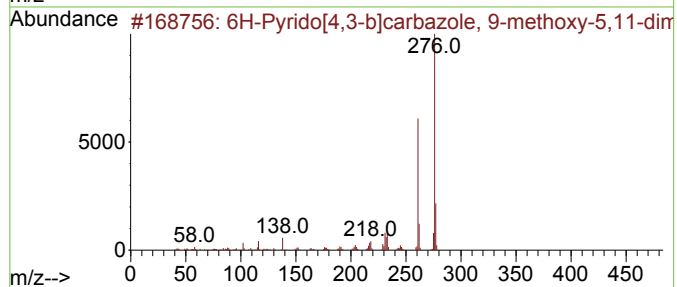
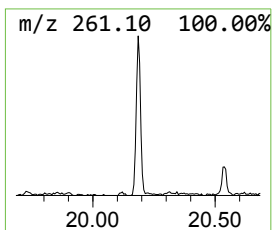
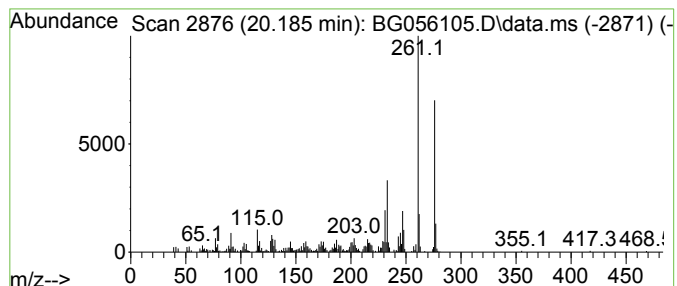
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 6H-Pyrido[4,3-b]carbazole, ... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.185 | 5.61 ng/ul | 270180 | 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  | 87   |
| 2    |    |   | 3,5-di-tert-Butyl-4-hydroxycinna... | 276 | C17H24O3    | 022014-01-3  | 86   |
| 3    |    |   | 3,5-di-tert-Butyl-4-hydroxycinna... | 276 | C17H24O3    | 022014-01-3  | 62   |
| 4    |    |   | 4-(3-Fluoro-8-nitronaphthalen-2-... | 276 | C14H13FN2O3 | 1000409-37-1 | 56   |
| 5    |    |   | 3-(4-Fluorophenoxy)phenol, TMS      | 276 | C15H17FO2Si | 1000495-60-9 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056105.D  
Acq On : 25 Dec 2022 1:55  
Operator : CG/JU  
Sample : N6017-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF4

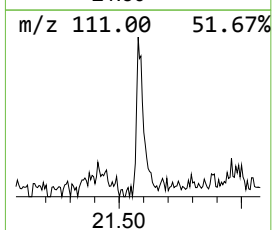
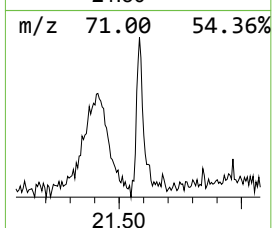
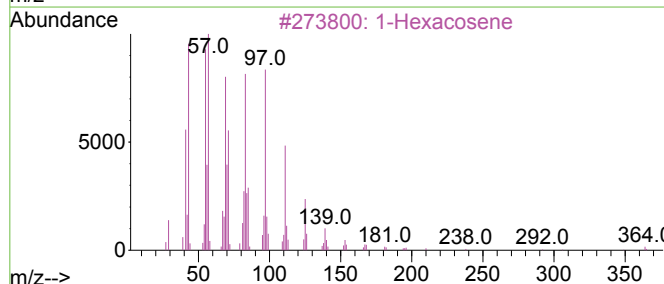
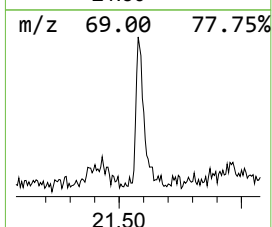
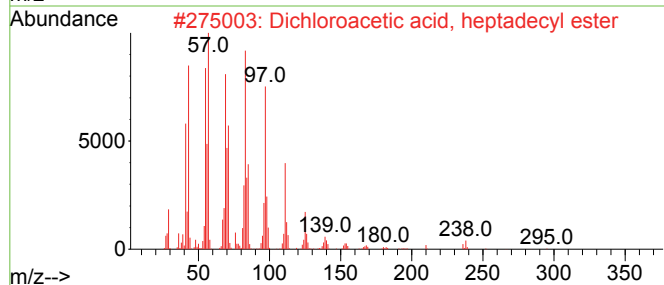
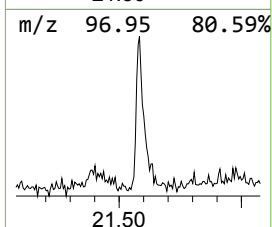
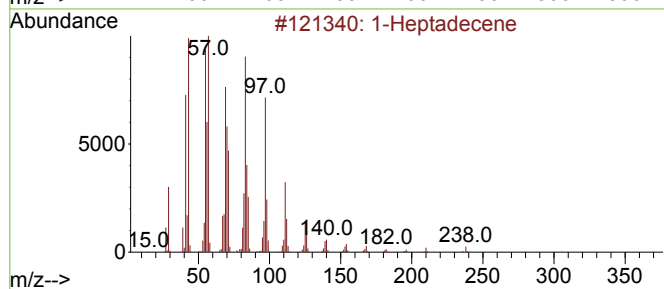
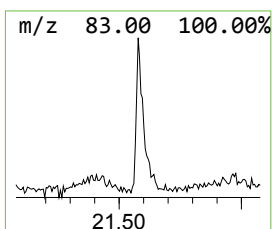
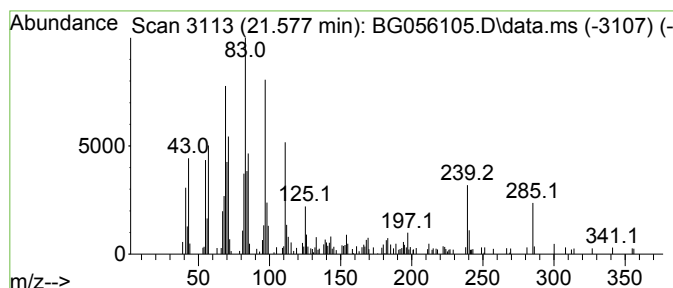
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.578 | 4.07 ng/ul | 195905 | Chrysene-d12     | 21.989 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1-Heptadecene                       | 238 | C17H34      | 006765-39-5  | 89   |
| 2    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 83   |
| 3    |    |   | 1-Hexacosene                        | 364 | C26H52      | 018835-33-1  | 74   |
| 4    |    |   | Carbonic acid, hexadecyl 2,2,2-t... | 416 | C19H35Cl3O3 | 1000314-56-2 | 72   |
| 5    |    |   | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056105.D  
Acq On : 25 Dec 2022 1:55  
Operator : CG/JU  
Sample : N6017-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF4

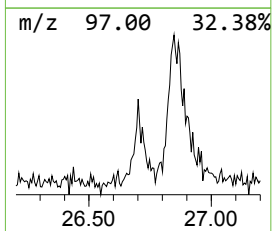
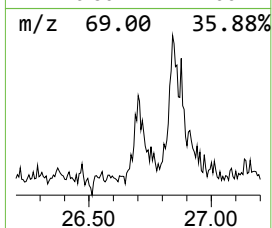
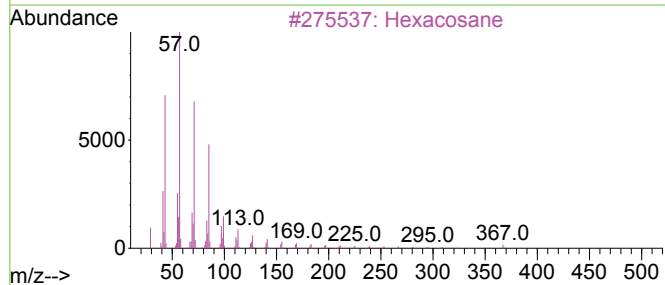
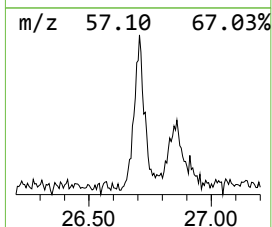
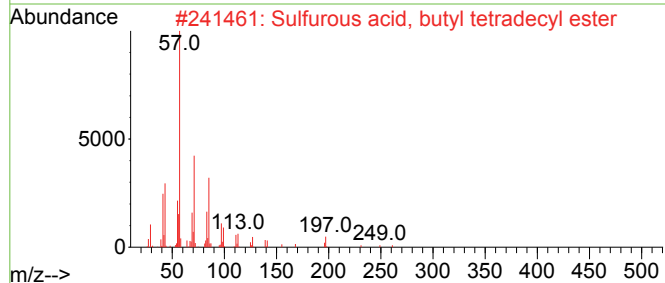
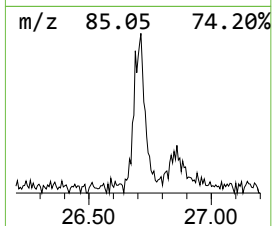
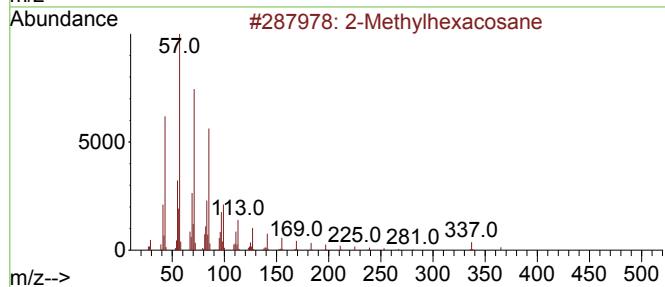
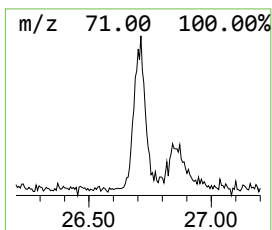
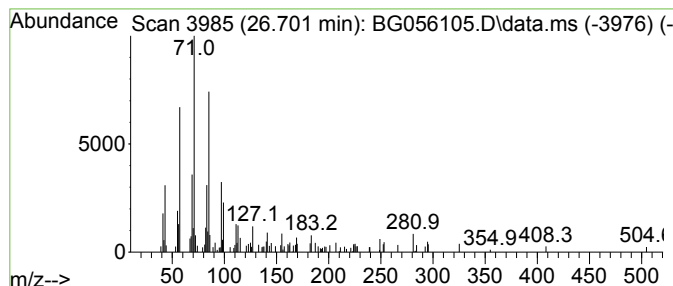
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 26.701 | 3.11 ng/ul | 152837 | Perylene-d12     | 25.467 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | 2-Methylhexacosane                  | 380 | C27H56    | 001561-02-0  | 80   |
| 2    |      | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1010309-18-1 | 80   |
| 3    |      | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 80   |
| 4    |      | Octacosane, 2-methyl-               | 408 | C29H60    | 001560-98-1  | 80   |
| 5    |      | Tetratriacontane, 2-methyl-         | 493 | C35H72    | 014167-65-8  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056105.D  
Acq On : 25 Dec 2022 1:55  
Operator : CG/JU  
Sample : N6017-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF4

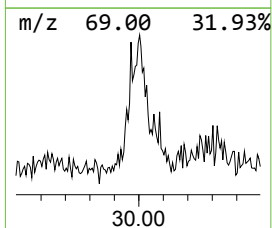
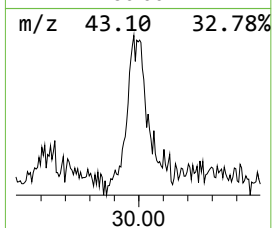
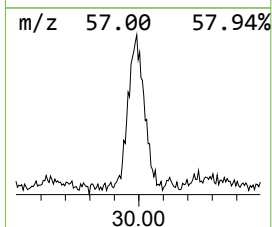
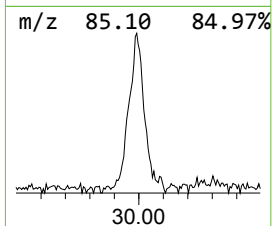
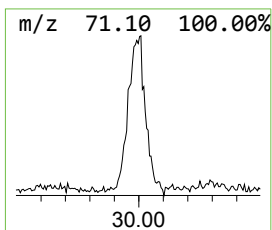
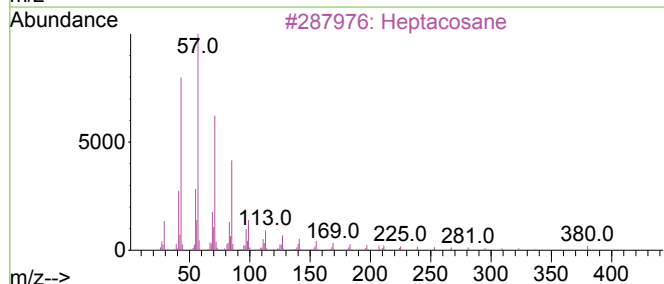
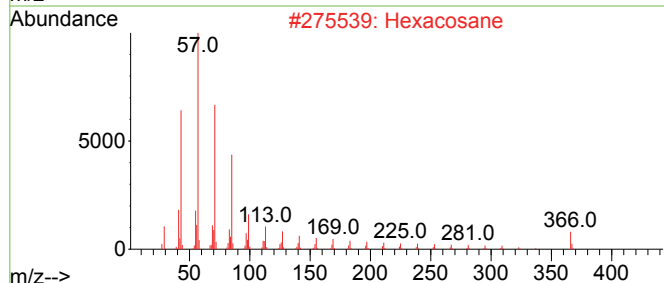
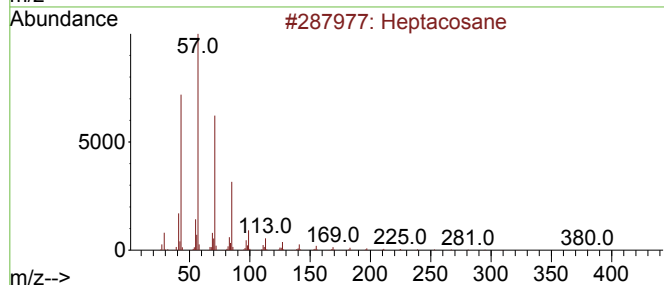
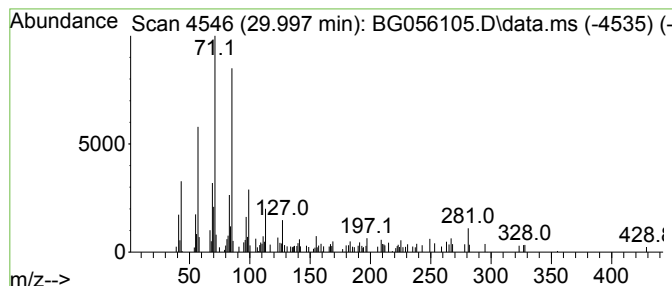
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 29.997 | 4.60 ng/ul | 226138 | Perylene-d12     | 25.467 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Heptacosane           | 380 | C27H56  | 000593-49-7 | 87   |
| 2    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 86   |
| 3    |      | Heptacosane           | 380 | C27H56  | 000593-49-7 | 83   |
| 4    |      | Tetracosane           | 338 | C24H50  | 000646-31-1 | 83   |
| 5    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056105.D  
Acq On : 25 Dec 2022 1:55  
Operator : CG/JU  
Sample : N6017-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF4

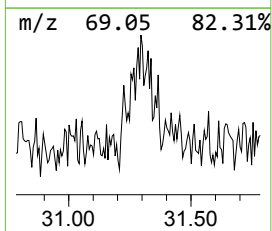
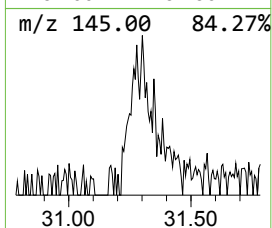
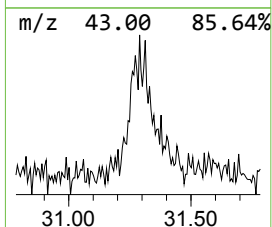
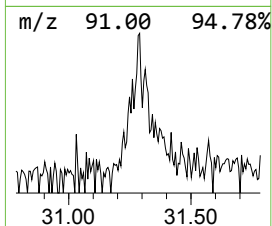
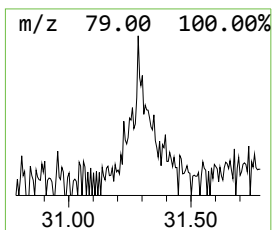
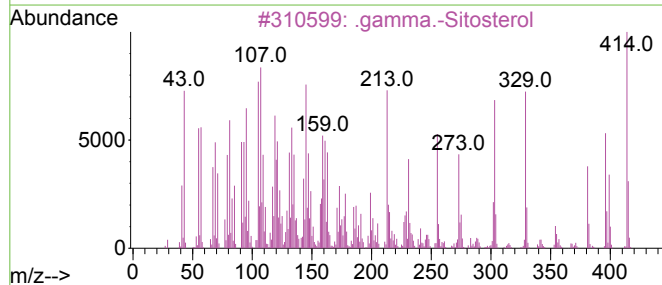
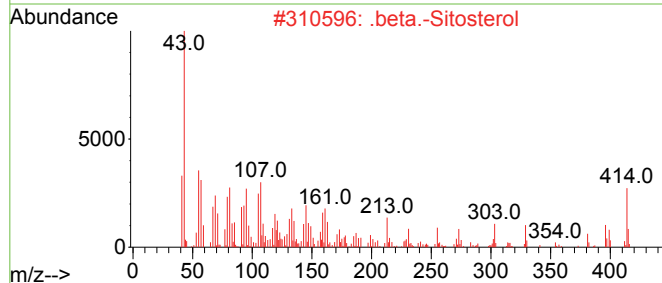
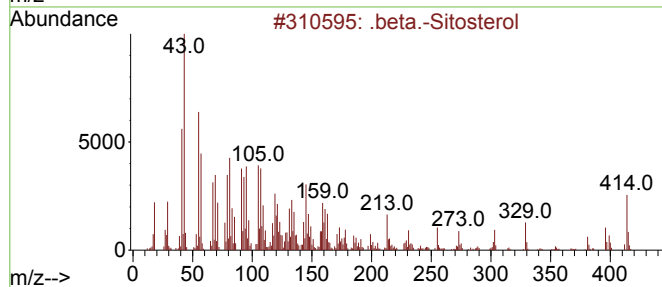
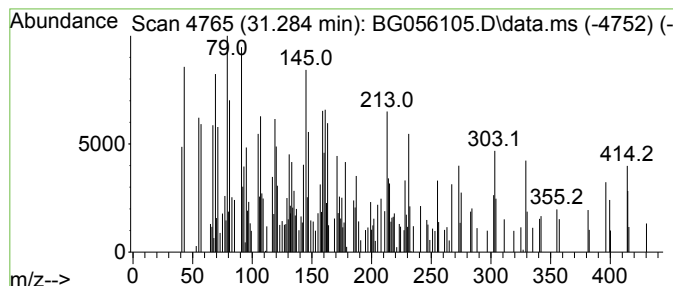
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG122422.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 .beta.-Sitosterol Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 31.284 | 7.49 ng/ul | 368592 | Perylene-d12     | 25.467 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | .beta.-Sitosterol                   | 414 | C29H50O | 000083-46-5 | 91   |
| 2    |      | .beta.-Sitosterol                   | 414 | C29H50O | 000083-46-5 | 90   |
| 3    |      | .gamma.-Sitosterol                  | 414 | C29H50O | 000083-47-6 | 83   |
| 4    |      | Stigmast-7-en-3-ol, (3.beta.,5.a... | 414 | C29H50O | 000521-03-9 | 58   |
| 5    |      | .gamma.-Sitosterol                  | 414 | C29H50O | 000083-47-6 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122422\  
Data File : BG056105.D  
Acq On : 25 Dec 2022 1:55  
Operator : CG/JU  
Sample : N6017-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBYF4

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... | 3.369  | 12.4    | ng/ul | 137110   | 1                     | 8.346  | 220425 | 20.0 |
| Benzophenone       | 16.290 | 19.5    | ng/ul | 605023   | 3                     | 14.956 | 620002 | 20.0 |
| n-Hexadecanoic ... | 18.540 | 4.1     | ng/ul | 174145   | 4                     | 17.694 | 840817 | 20.0 |
| unknown-01         | 19.791 | 2.2     | ng/ul | 90906    | 4                     | 17.694 | 840817 | 20.0 |
| 6H-Pyrido[4,3-b... | 20.185 | 5.6     | ng/ul | 270180   | 5                     | 21.989 | 962666 | 20.0 |
| (DEL) Alkane: S... | 21.578 | 4.1     | ng/ul | 195905   | 5                     | 21.989 | 962666 | 20.0 |
| (DEL) Alkane: S... | 26.701 | 3.1     | ng/ul | 152837   | 6                     | 25.467 | 983993 | 20.0 |
| (DEL) Alkane: S... | 29.997 | 4.6     | ng/ul | 226138   | 6                     | 25.467 | 983993 | 20.0 |
| .beta.-Sitosterol  | 31.284 | 7.5     | ng/ul | 368592   | 6                     | 25.467 | 983993 | 20.0 |