

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG022723\  
 Data File : BG056741.D  
 Acq On : 27 Feb 2023 22:16  
 Operator : CG/JU  
 Sample : 01648-15  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBZU3

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-BG022323.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG056741.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.138       | 99            | 102         | 113          | rBV      | 53858          | 88019         | 15.50%          | 1.484%        |
| 2         | 4.496       | 161           | 163         | 166          | rVB      | 1682           | 1369          | 0.24%           | 0.023%        |
| 3         | 4.619       | 182           | 184         | 187          | rBV2     | 1005           | 844           | 0.15%           | 0.014%        |
| 4         | 5.442       | 322           | 324         | 328          | rVB3     | 2485           | 3186          | 0.56%           | 0.054%        |
| 5         | 6.388       | 483           | 485         | 487          | rBV2     | 797            | 833           | 0.15%           | 0.014%        |
| 6         | 7.539       | 675           | 681         | 690          | rVB      | 78784          | 137865        | 24.28%          | 2.325%        |
| 7         | 7.722       | 706           | 712         | 719          | rVB      | 54200          | 87558         | 15.42%          | 1.477%        |
| 8         | 7.939       | 742           | 749         | 756          | rBV      | 69664          | 120393        | 21.21%          | 2.030%        |
| 9         | 8.421       | 824           | 831         | 839          | rBV      | 59689          | 98794         | 17.40%          | 1.666%        |
| 10        | 9.108       | 941           | 948         | 958          | rVB      | 94140          | 164381        | 28.96%          | 2.772%        |
| 11        | 9.590       | 1023          | 1030        | 1038         | rVB      | 73729          | 133154        | 23.45%          | 2.246%        |
| 12        | 9.972       | 1092          | 1095        | 1100         | rVB4     | 1607           | 2626          | 0.46%           | 0.044%        |
| 13        | 10.324      | 1149          | 1155        | 1163         | rVB      | 62891          | 111292        | 19.60%          | 1.877%        |
| 14        | 10.736      | 1222          | 1225        | 1230         | rBV2     | 854            | 884           | 0.16%           | 0.015%        |
| 15        | 10.859      | 1239          | 1246        | 1253         | rBV      | 92733          | 166156        | 29.27%          | 2.802%        |
| 16        | 11.076      | 1279          | 1283        | 1285         | rBV2     | 2100           | 2657          | 0.47%           | 0.045%        |
| 17        | 11.259      | 1307          | 1314        | 1321         | rVB      | 82390          | 148222        | 26.11%          | 2.500%        |
| 18        | 11.382      | 1324          | 1335        | 1342         | rBV      | 88303          | 159833        | 28.15%          | 2.695%        |
| 19        | 12.616      | 1541          | 1545        | 1549         | rBV3     | 1098           | 1347          | 0.24%           | 0.023%        |
| 20        | 12.733      | 1560          | 1565        | 1568         | rBV3     | 1555           | 2036          | 0.36%           | 0.034%        |
| 21        | 12.810      | 1575          | 1578        | 1582         | rVB2     | 1557           | 2327          | 0.41%           | 0.039%        |
| 22        | 13.538      | 1699          | 1702        | 1707         | rVB4     | 3525           | 4211          | 0.74%           | 0.071%        |
| 23        | 13.732      | 1733          | 1735        | 1741         | rVB3     | 3722           | 4697          | 0.83%           | 0.079%        |
| 24        | 13.826      | 1747          | 1751        | 1758         | rVB2     | 3731           | 5020          | 0.88%           | 0.085%        |
| 25        | 13.897      | 1758          | 1763        | 1765         | rBV3     | 897            | 1254          | 0.22%           | 0.021%        |
| 26        | 14.408      | 1844          | 1850        | 1856         | rBV      | 194409         | 280412        | 49.39%          | 4.729%        |
| 27        | 14.725      | 1897          | 1904        | 1911         | rBV      | 209759         | 325230        | 57.29%          | 5.485%        |
| 28        | 14.878      | 1926          | 1930        | 1934         | rBV3     | 3363           | 4354          | 0.77%           | 0.073%        |
| 29        | 14.990      | 1945          | 1949        | 1950         | rBV      | 12391          | 13497         | 2.38%           | 0.228%        |
| 30        | 15.025      | 1950          | 1955        | 1962         | rVB      | 159388         | 241735        | 42.58%          | 4.077%        |
| 31        | 15.178      | 1975          | 1981        | 1989         | rBV      | 96918          | 152387        | 26.84%          | 2.570%        |
| 32        | 15.759      | 2077          | 2080        | 2084         | rVB4     | 4095           | 4386          | 0.77%           | 0.074%        |
| 33        | 15.830      | 2087          | 2092        | 2093         | rBV2     | 1102           | 1367          | 0.24%           | 0.023%        |
| 34        | 16.006      | 2116          | 2122        | 2128         | rBV      | 282011         | 415226        | 73.14%          | 7.002%        |
| 35        | 16.106      | 2133          | 2139        | 2145         | rBV      | 85377          | 122462        | 21.57%          | 2.065%        |
| 36        | 16.247      | 2157          | 2163        | 2165         | rBV      | 785            | 865           | 0.15%           | 0.015%        |

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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBZU3

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-BG022323.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 37 | 16.358 | 2175 | 2182 | 2187 | rBV  | 40364  | 57051  | 10.05%  | 0.962% |
| 38 | 16.670 | 2231 | 2235 | 2238 | rBV2 | 670    | 1071   | 0.19%   | 0.018% |
| 39 | 17.428 | 2360 | 2364 | 2367 | rVB  | 3101   | 3469   | 0.61%   | 0.059% |
| 40 | 17.757 | 2414 | 2420 | 2427 | rVB  | 224478 | 330425 | 58.20%  | 5.572% |
| 41 | 17.857 | 2430 | 2437 | 2443 | rBV  | 334556 | 481277 | 84.78%  | 8.116% |
| 42 | 17.915 | 2443 | 2447 | 2452 | rVB2 | 9974   | 11533  | 2.03%   | 0.194% |
| 43 | 18.098 | 2476 | 2478 | 2480 | rBV  | 854    | 794    | 0.14%   | 0.013% |
| 44 | 18.397 | 2522 | 2529 | 2531 | rBV2 | 972    | 1755   | 0.31%   | 0.030% |
| 45 | 18.597 | 2559 | 2563 | 2570 | rBV3 | 24257  | 33149  | 5.84%   | 0.559% |
| 46 | 18.820 | 2599 | 2601 | 2603 | rBV  | 816    | 840    | 0.15%   | 0.014% |
| 47 | 18.850 | 2603 | 2606 | 2608 | rVV3 | 2324   | 1853   | 0.33%   | 0.031% |
| 48 | 18.897 | 2612 | 2614 | 2617 | rVB2 | 961    | 838    | 0.15%   | 0.014% |
| 49 | 18.926 | 2617 | 2619 | 2621 | rBV  | 1149   | 920    | 0.16%   | 0.016% |
| 50 | 19.014 | 2631 | 2634 | 2638 | rVB3 | 11388  | 11810  | 2.08%   | 0.199% |
| 51 | 19.179 | 2659 | 2662 | 2668 | rBV  | 557    | 1024   | 0.18%   | 0.017% |
| 52 | 19.449 | 2703 | 2708 | 2709 | rBV2 | 1485   | 1881   | 0.33%   | 0.032% |
| 53 | 19.684 | 2745 | 2748 | 2751 | rBV3 | 4462   | 5053   | 0.89%   | 0.085% |
| 54 | 19.749 | 2757 | 2759 | 2764 | rVB  | 3496   | 4289   | 0.76%   | 0.072% |
| 55 | 19.849 | 2772 | 2776 | 2780 | rBV5 | 3182   | 4690   | 0.83%   | 0.079% |
| 56 | 19.919 | 2785 | 2788 | 2789 | rBV  | 988    | 1235   | 0.22%   | 0.021% |
| 57 | 20.037 | 2806 | 2808 | 2810 | rBV2 | 1356   | 1304   | 0.23%   | 0.022% |
| 58 | 20.078 | 2812 | 2815 | 2816 | rVV2 | 2657   | 3049   | 0.54%   | 0.051% |
| 59 | 20.113 | 2816 | 2821 | 2828 | rVB  | 402112 | 567702 | 100.00% | 9.574% |
| 60 | 20.201 | 2833 | 2836 | 2840 | rBV2 | 1638   | 2256   | 0.40%   | 0.038% |
| 61 | 20.565 | 2896 | 2898 | 2899 | rBV2 | 2178   | 1533   | 0.27%   | 0.026% |
| 62 | 20.595 | 2901 | 2903 | 2907 | rVB2 | 7047   | 7325   | 1.29%   | 0.124% |
| 63 | 20.736 | 2925 | 2927 | 2929 | rVB3 | 2301   | 1838   | 0.32%   | 0.031% |
| 64 | 20.759 | 2929 | 2931 | 2932 | rBV2 | 2232   | 1563   | 0.28%   | 0.026% |
| 65 | 21.106 | 2987 | 2990 | 2995 | rVB5 | 10284  | 11611  | 2.05%   | 0.196% |
| 66 | 21.641 | 3076 | 3081 | 3088 | rBV2 | 48123  | 85147  | 15.00%  | 1.436% |
| 67 | 22.069 | 3147 | 3154 | 3160 | rVB2 | 199482 | 349639 | 61.59%  | 5.896% |
| 68 | 22.234 | 3179 | 3182 | 3188 | rVB4 | 9784   | 12938  | 2.28%   | 0.218% |
| 69 | 23.538 | 3403 | 3404 | 3406 | rBV2 | 2560   | 1732   | 0.31%   | 0.029% |
| 70 | 23.873 | 3455 | 3461 | 3467 | rVB3 | 18912  | 39818  | 7.01%   | 0.672% |
| 71 | 25.354 | 3702 | 3713 | 3724 | rVB2 | 185698 | 514160 | 90.57%  | 8.671% |
| 72 | 25.595 | 3744 | 3754 | 3766 | rVB2 | 124149 | 359604 | 63.34%  | 6.064% |
| 73 | 30.019 | 4505 | 4507 | 4510 | rBV4 | 2576   | 2649   | 0.47%   | 0.045% |

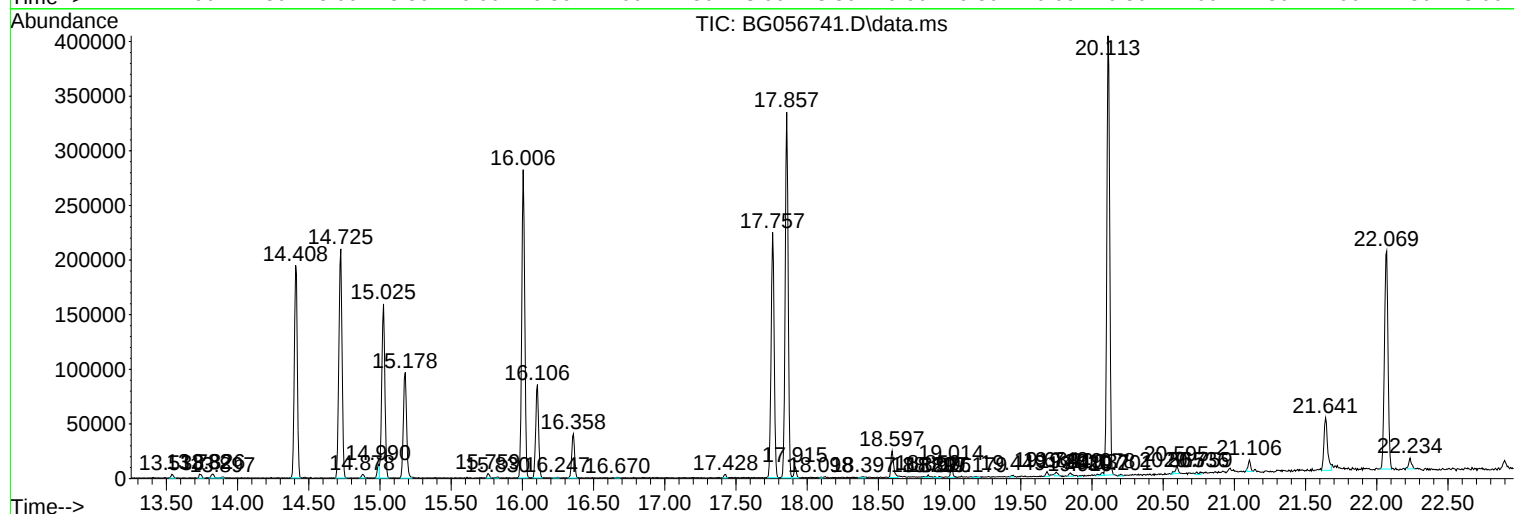
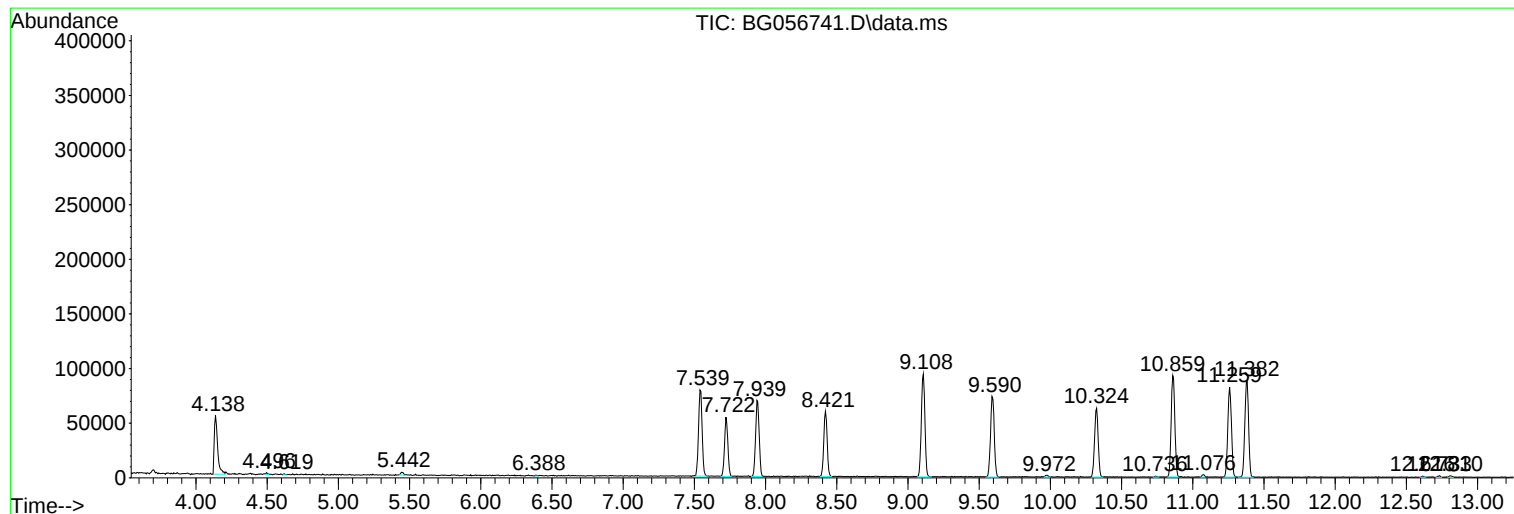
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBZU3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG022323.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG022723\  
Data File : BG056741.D  
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Operator : CG/JU  
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Instrument :  
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DBZU3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG022323.M  
Quant Title : SVOA CALIBRATION

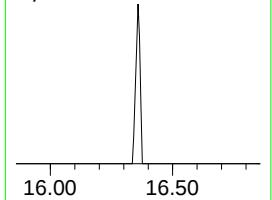
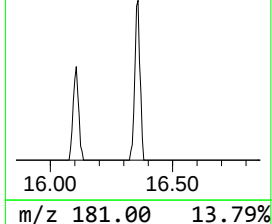
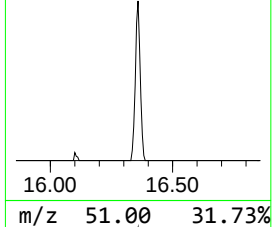
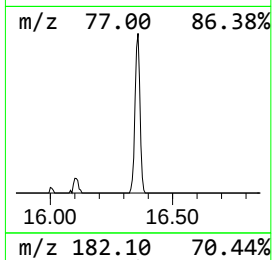
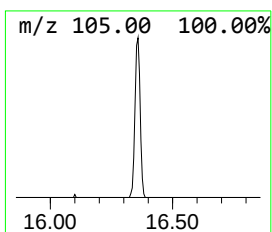
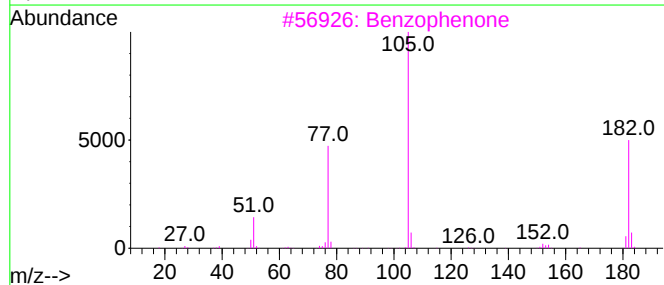
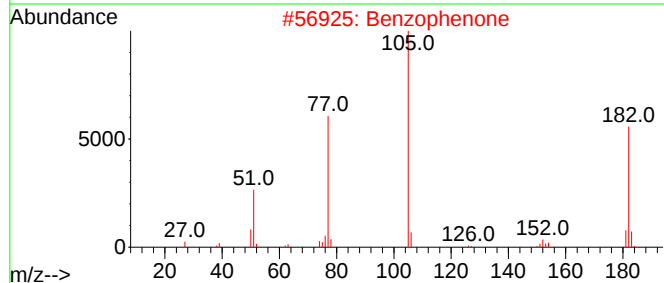
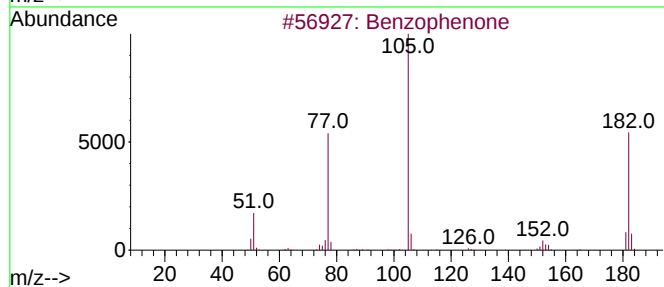
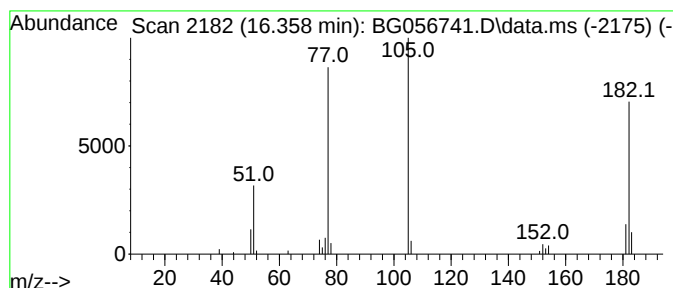
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.358 | 4.72 ng/ul | 57051 | Acenaphthene-d10 | 15.025 |

| 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 | 83   |
| 4    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 68   |
| 5    |    |   | 2-Phenyl-4-ethylidene-2-oxazolin... | 187 | C11H9NO2 | 037791-41-6 | 50   |



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Instrument :  
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG022323.M  
Quant Title : SVOA CALIBRATION

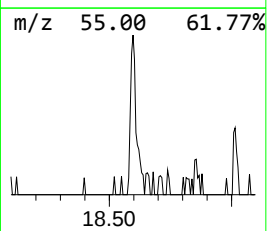
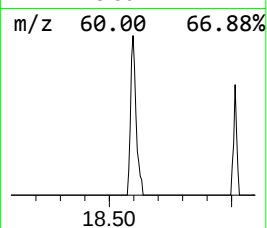
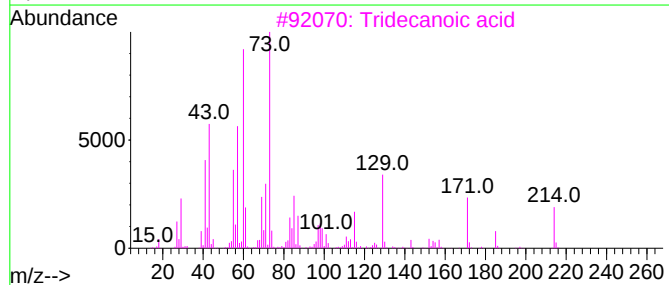
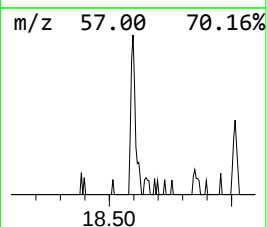
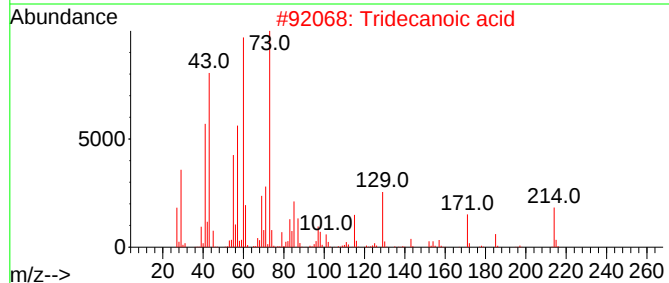
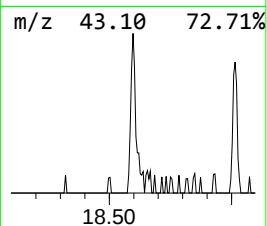
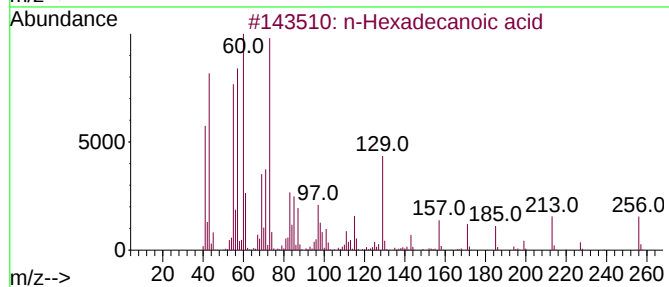
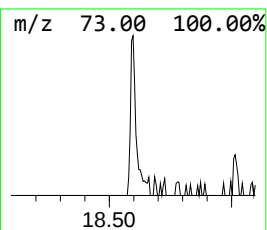
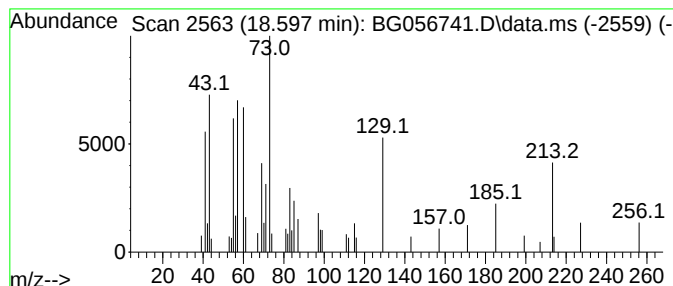
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.597 | 2.01 ng/ul | 33149 | Phenanthrene-d10 | 17.757 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 2    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 78   |
| 3    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 53   |
| 4    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 49   |
| 5    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 49   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG022323.M  
Quant Title : SVOA CALIBRATION

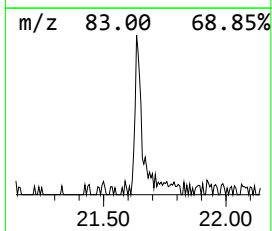
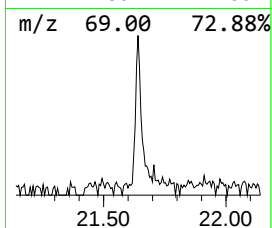
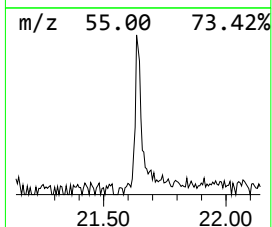
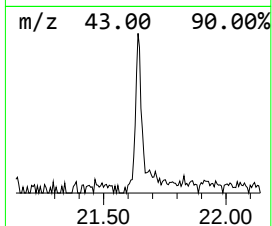
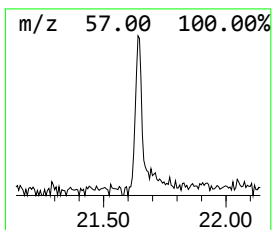
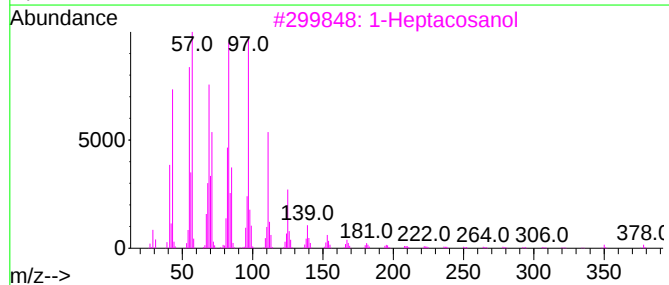
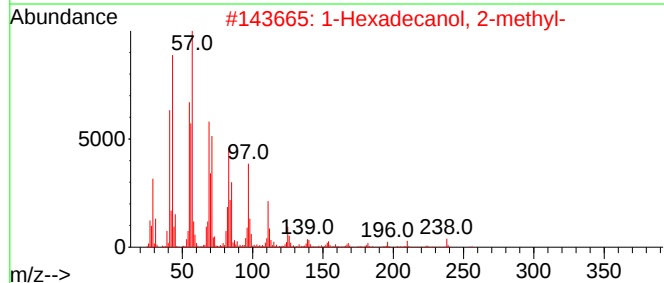
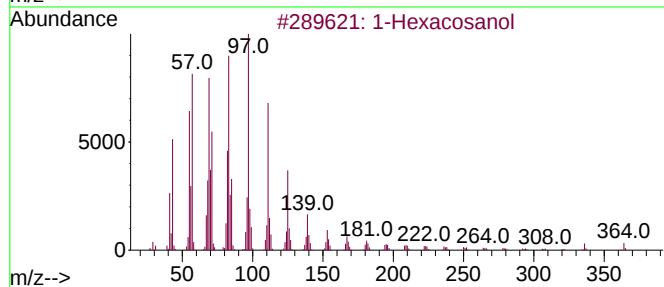
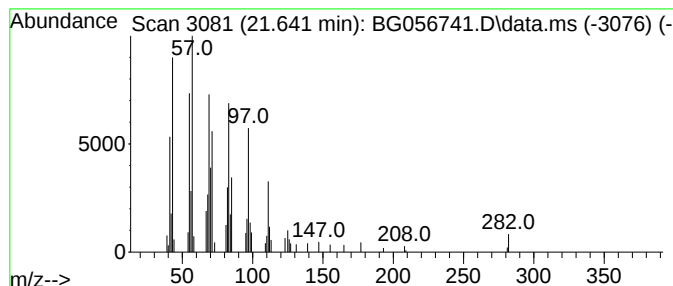
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 1-Hexacosanol Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 21.640 | 4.87 ng/ul | 85147 | Chrysene-d12     | 22.069 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm     | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|-------------|--------------|------|
| 1    | 1-Hexacosanol                       |   |              | 382 | C26H54O     | 000506-52-5  | 91   |
| 2    | 1-Hexadecanol, 2-methyl-            |   |              | 256 | C17H36O     | 002490-48-4  | 91   |
| 3    | 1-Heptacosanol                      |   |              | 396 | C27H56O     | 002004-39-9  | 90   |
| 4    | Pentadecafluorooctanoic acid, oc... |   |              | 666 | C26H37F15O2 | 1000406-04-8 | 90   |
| 5    | Tricosyl trifluoroacetate           |   |              | 436 | C25H47F3O2  | 1000351-75-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG022723\  
Data File : BG056741.D  
Acq On : 27 Feb 2023 22:16  
Operator : CG/JU  
Sample : 01648-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBZU3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG022323.M  
Quant Title : SVOA CALIBRATION

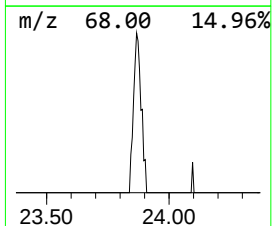
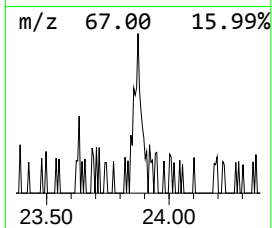
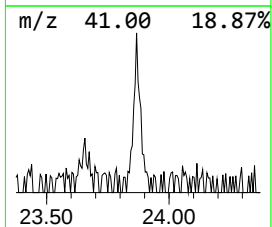
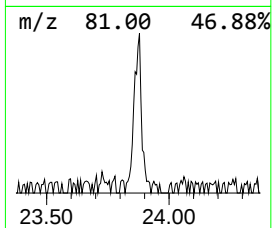
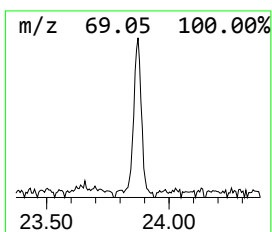
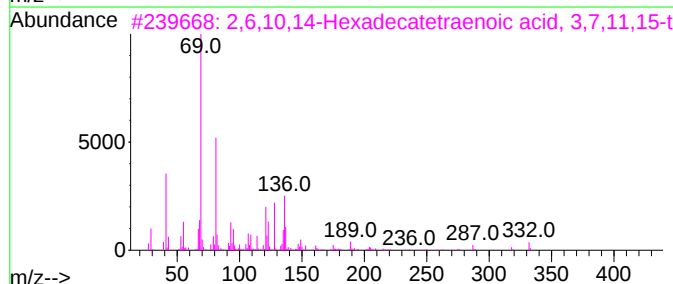
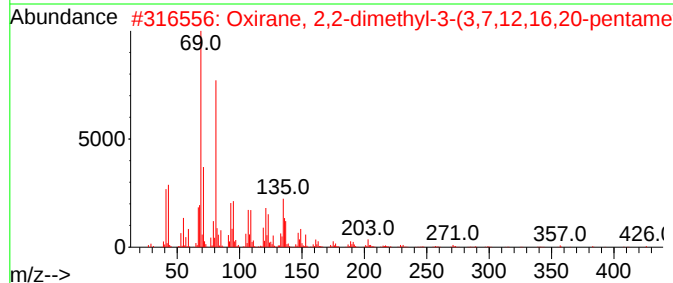
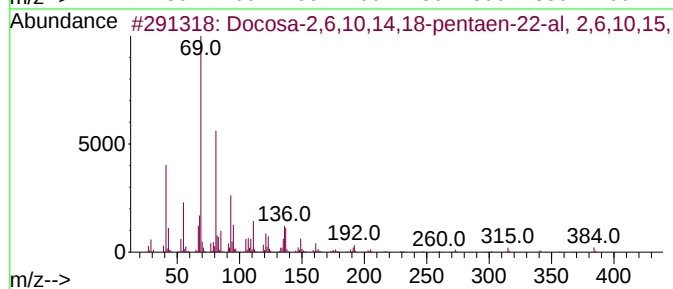
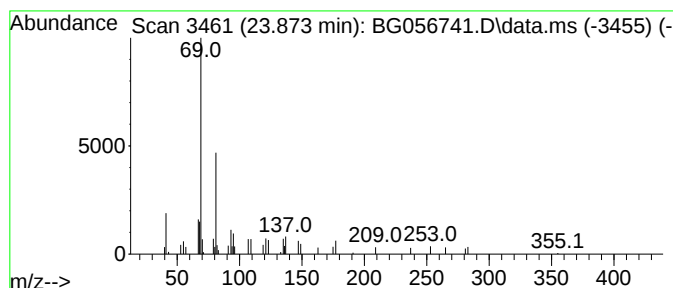
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Docosa-2,6,10,14,18-pentaen... Concentration Rank 3

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 23.873 | 2.21 ng/ul | 39818 | Perylene-d12     | 25.595 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O  | 1000163-04-7 | 72   |
| 2    |    |   | Oxirane, 2,2-dimethyl-3-(3,7,12,... | 426 | C30H50O  | 007200-26-2  | 64   |
| 3    |    |   | 2,6,10,14-Hexadecatetraenoic aci... | 332 | C22H36O2 | 024035-35-6  | 64   |
| 4    |    |   | Farnesol isomer a                   | 222 | C15H26O  | 1000108-92-4 | 59   |
| 5    |    |   | 3,7,11-Trimethyl-2,6,10-dodecatr... | 217 | C15H23N  | 029789-67-1  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG022723\  
Data File : BG056741.D  
Acq On : 27 Feb 2023 22:16  
Operator : CG/JU  
Sample : 01648-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBZU3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG022323.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 16.358 | 4.7     | ng/u1 | 57051    | 3                     | 15.025 | 241735 | 20.0 |
| n-Hexadecanoic ... | 18.597 | 2.0     | ng/u1 | 33149    | 4                     | 17.757 | 330425 | 20.0 |
| 1-Hexacosanol      | 21.640 | 4.9     | ng/u1 | 85147    | 5                     | 22.069 | 349639 | 20.0 |
| Docosa-2,6,10,1... | 23.873 | 2.2     | ng/u1 | 39818    | 6                     | 25.595 | 359604 | 20.0 |