

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
 Data File : BG057222.D  
 Acq On : 28 Apr 2023 17:27  
 Operator : CG/JU  
 Sample : 02417-13  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW8X9

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-BG042823.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG057222.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         | 3.658       | 17            | 20          | 23           | rBV      | 1306           | 1586          | 0.47%           | 0.048%        |
| 2         | 3.729       | 30            | 32          | 35           | rBV3     | 770            | 751           | 0.22%           | 0.023%        |
| 3         | 3.811       | 43            | 46          | 48           | rVB2     | 895            | 821           | 0.24%           | 0.025%        |
| 4         | 3.835       | 48            | 50          | 51           | rBV2     | 721            | 478           | 0.14%           | 0.014%        |
| 5         | 3.870       | 55            | 56          | 58           | rBV2     | 724            | 496           | 0.15%           | 0.015%        |
| 6         | 4.058       | 84            | 88          | 89           | rBV      | 396            | 501           | 0.15%           | 0.015%        |
| 7         | 4.340       | 132           | 136         | 141          | rBV2     | 1452           | 2477          | 0.73%           | 0.074%        |
| 8         | 4.446       | 153           | 154         | 155          | rBV      | 1131           | 629           | 0.18%           | 0.019%        |
| 9         | 5.015       | 249           | 251         | 256          | rVB      | 547            | 665           | 0.20%           | 0.020%        |
| 10        | 5.051       | 256           | 257         | 261          | rBV      | 604            | 633           | 0.19%           | 0.019%        |
| 11        | 5.397       | 311           | 316         | 317          | rBV2     | 978            | 1280          | 0.38%           | 0.038%        |
| 12        | 5.526       | 335           | 338         | 342          | rBV2     | 428            | 655           | 0.19%           | 0.020%        |
| 13        | 5.896       | 396           | 401         | 403          | rBV2     | 562            | 943           | 0.28%           | 0.028%        |
| 14        | 6.008       | 418           | 420         | 426          | rVB3     | 1000           | 1514          | 0.44%           | 0.046%        |
| 15        | 6.220       | 454           | 456         | 457          | rBV      | 526            | 497           | 0.15%           | 0.015%        |
| 16        | 7.512       | 670           | 676         | 684          | rBV      | 32626          | 54647         | 16.04%          | 1.643%        |
| 17        | 7.682       | 699           | 705         | 713          | rVB      | 25281          | 43099         | 12.65%          | 1.296%        |
| 18        | 7.900       | 736           | 742         | 750          | rBV      | 29839          | 49773         | 14.61%          | 1.497%        |
| 19        | 8.375       | 817           | 823         | 830          | rVB2     | 46819          | 77213         | 22.66%          | 2.322%        |
| 20        | 8.787       | 887           | 893         | 894          | rBV2     | 381            | 675           | 0.20%           | 0.020%        |
| 21        | 9.075       | 936           | 942         | 950          | rVB      | 38440          | 64962         | 19.07%          | 1.954%        |
| 22        | 9.210       | 959           | 965         | 969          | rBV      | 3943           | 6209          | 1.82%           | 0.187%        |
| 23        | 9.550       | 1015          | 1023        | 1032         | rBV2     | 32904          | 58832         | 17.27%          | 1.769%        |
| 24        | 9.915       | 1082          | 1085        | 1087         | rBV3     | 767            | 736           | 0.22%           | 0.022%        |
| 25        | 9.973       | 1091          | 1095        | 1097         | rBV      | 393            | 473           | 0.14%           | 0.014%        |
| 26        | 10.214      | 1133          | 1136        | 1140         | rBV2     | 288            | 508           | 0.15%           | 0.015%        |
| 27        | 10.285      | 1142          | 1148        | 1156         | rVB      | 28948          | 48514         | 14.24%          | 1.459%        |
| 28        | 10.432      | 1170          | 1173        | 1176         | rBV2     | 348            | 468           | 0.14%           | 0.014%        |
| 29        | 10.473      | 1176          | 1180        | 1185         | rVB2     | 408            | 681           | 0.20%           | 0.020%        |
| 30        | 10.831      | 1235          | 1241        | 1249         | rVB2     | 38518          | 68372         | 20.07%          | 2.056%        |
| 31        | 11.213      | 1299          | 1306        | 1314         | rBV      | 69221          | 120832        | 35.46%          | 3.634%        |
| 32        | 11.342      | 1322          | 1328        | 1339         | rVB      | 34688          | 64104         | 18.81%          | 1.928%        |
| 33        | 12.770      | 1568          | 1571        | 1574         | rVB      | 672            | 648           | 0.19%           | 0.019%        |
| 34        | 13.850      | 1753          | 1755        | 1758         | rBV      | 487            | 505           | 0.15%           | 0.015%        |
| 35        | 14.373      | 1838          | 1844        | 1851         | rBV      | 108072         | 152473        | 44.75%          | 4.586%        |
| 36        | 14.685      | 1889          | 1897        | 1906         | rVB      | 105740         | 164848        | 48.38%          | 4.958%        |

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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-BG042823.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 14.990 | 1942 | 1949 | 1956 | rBV  | 128963 | 197216 | 57.88%  | 5.931%  |
| 38 | 15.172 | 1976 | 1980 | 1989 | rBV2 | 21881  | 39279  | 11.53%  | 1.181%  |
| 39 | 15.384 | 2013 | 2016 | 2020 | rBV2 | 2435   | 2431   | 0.71%   | 0.073%  |
| 40 | 15.971 | 2110 | 2116 | 2123 | rVB  | 149978 | 224689 | 65.95%  | 6.757%  |
| 41 | 16.083 | 2130 | 2135 | 2143 | rBV  | 27922  | 42405  | 12.45%  | 1.275%  |
| 42 | 16.271 | 2164 | 2167 | 2170 | rBV  | 346    | 480    | 0.14%   | 0.014%  |
| 43 | 16.324 | 2171 | 2176 | 2182 | rVB  | 16247  | 21261  | 6.24%   | 0.639%  |
| 44 | 17.516 | 2376 | 2379 | 2382 | rBV  | 416    | 497    | 0.15%   | 0.015%  |
| 45 | 17.728 | 2409 | 2415 | 2424 | rVB  | 190466 | 278670 | 81.79%  | 8.381%  |
| 46 | 17.822 | 2424 | 2431 | 2440 | rBV2 | 167268 | 261074 | 76.63%  | 7.852%  |
| 47 | 17.886 | 2440 | 2442 | 2449 | rVB4 | 2829   | 3381   | 0.99%   | 0.102%  |
| 48 | 17.968 | 2455 | 2456 | 2461 | rVB2 | 640    | 597    | 0.18%   | 0.018%  |
| 49 | 18.180 | 2489 | 2492 | 2494 | rVB2 | 461    | 489    | 0.14%   | 0.015%  |
| 50 | 18.203 | 2494 | 2496 | 2497 | rBV2 | 458    | 468    | 0.14%   | 0.014%  |
| 51 | 18.568 | 2554 | 2558 | 2564 | rBV2 | 4406   | 6323   | 1.86%   | 0.190%  |
| 52 | 18.644 | 2569 | 2571 | 2574 | rVV  | 1905   | 1558   | 0.46%   | 0.047%  |
| 53 | 18.691 | 2578 | 2579 | 2582 | rBV  | 800    | 645    | 0.19%   | 0.019%  |
| 54 | 19.155 | 2656 | 2658 | 2662 | rBV2 | 786    | 1233   | 0.36%   | 0.037%  |
| 55 | 19.413 | 2700 | 2702 | 2705 | rBV  | 777    | 875    | 0.26%   | 0.026%  |
| 56 | 19.443 | 2705 | 2707 | 2709 | rVB2 | 1020   | 727    | 0.21%   | 0.022%  |
| 57 | 19.460 | 2709 | 2710 | 2712 | rBV  | 1196   | 710    | 0.21%   | 0.021%  |
| 58 | 19.654 | 2741 | 2743 | 2748 | rVB4 | 3382   | 4151   | 1.22%   | 0.125%  |
| 59 | 20.036 | 2803 | 2808 | 2811 | rBV4 | 1572   | 2760   | 0.81%   | 0.083%  |
| 60 | 20.089 | 2811 | 2817 | 2826 | rVB  | 241535 | 340716 | 100.00% | 10.247% |
| 61 | 20.559 | 2895 | 2897 | 2900 | rVB4 | 2750   | 2302   | 0.68%   | 0.069%  |
| 62 | 21.599 | 3070 | 3074 | 3085 | rBV5 | 14622  | 32989  | 9.68%   | 0.992%  |
| 63 | 22.033 | 3142 | 3148 | 3158 | rVB  | 171991 | 295928 | 86.85%  | 8.900%  |
| 64 | 25.300 | 3694 | 3704 | 3720 | rVB2 | 99052  | 290517 | 85.27%  | 8.737%  |
| 65 | 25.546 | 3737 | 3746 | 3759 | rVB2 | 89373  | 278224 | 81.66%  | 8.367%  |

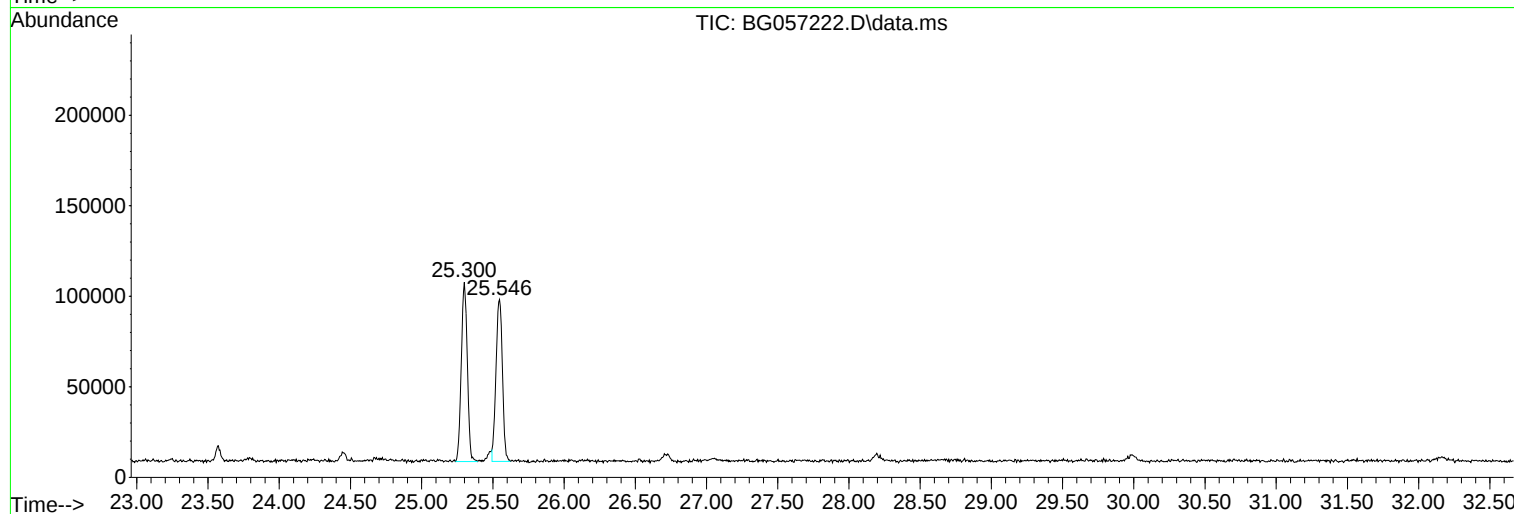
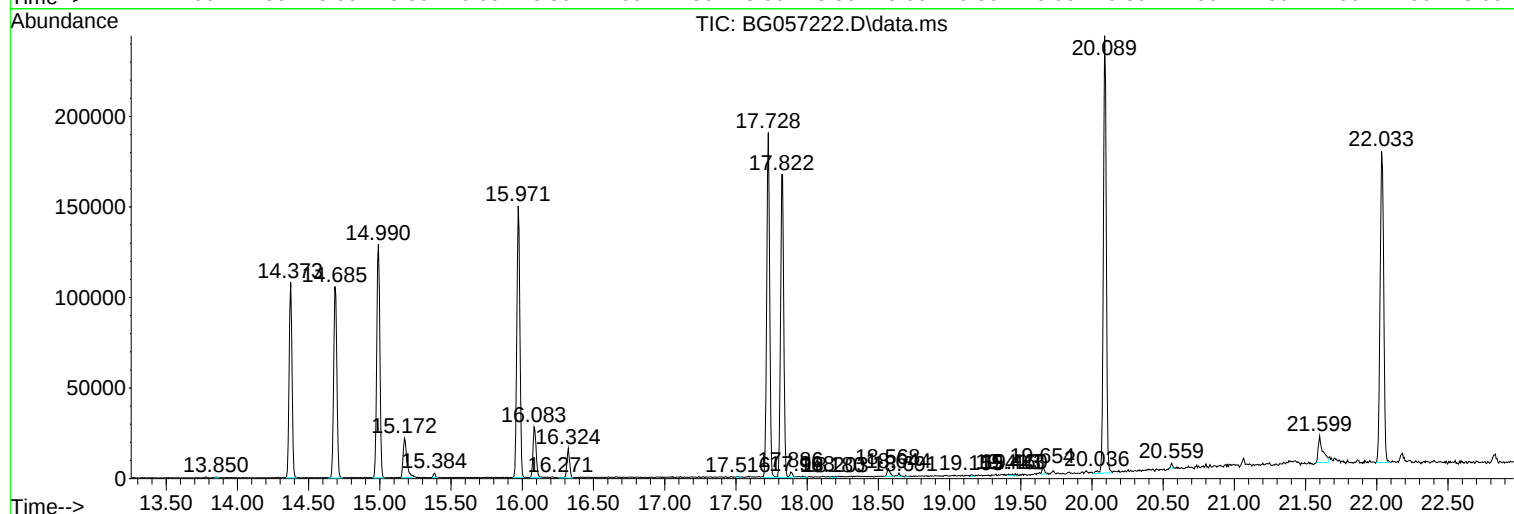
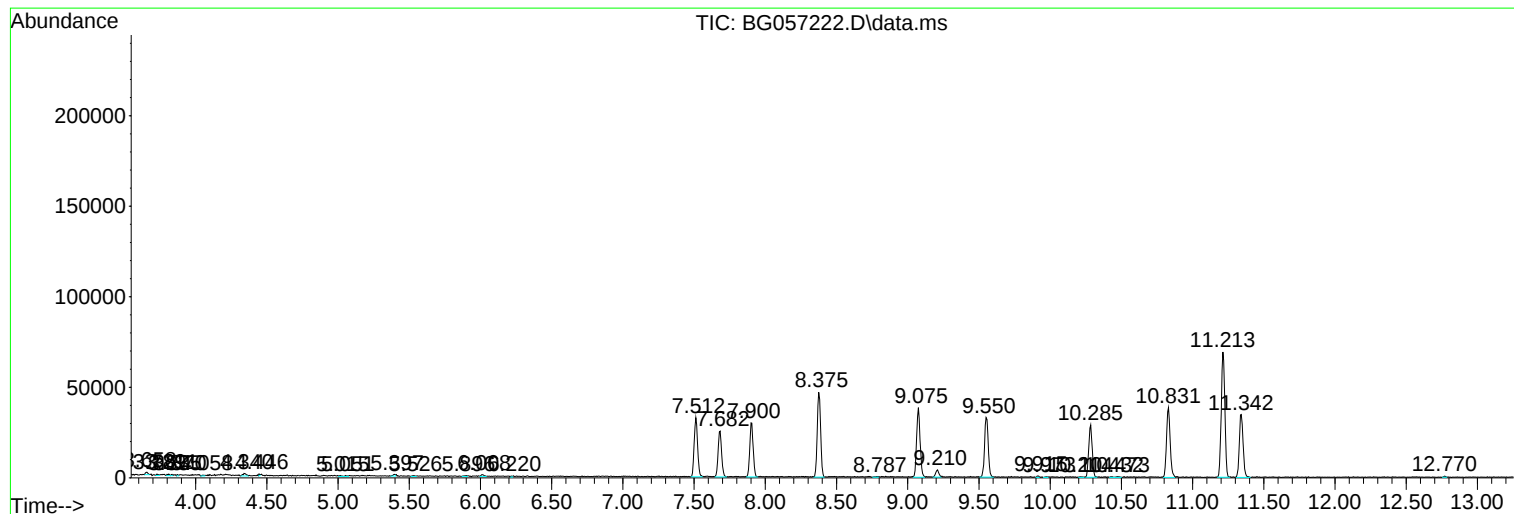
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
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Sample : 02417-13  
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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EW8X9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

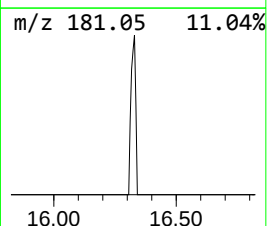
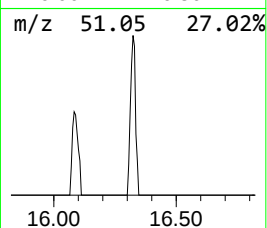
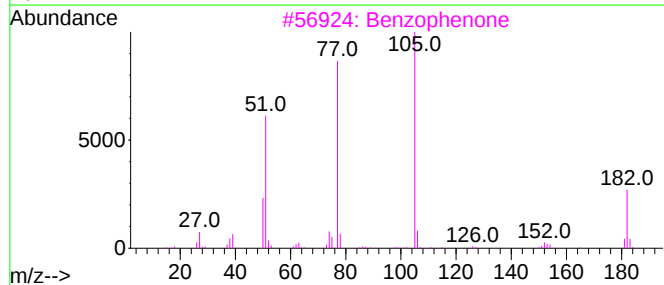
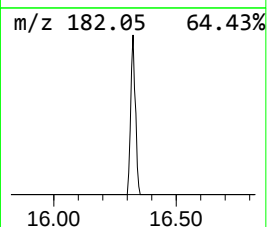
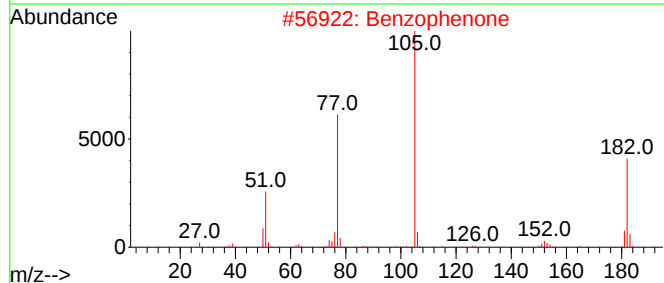
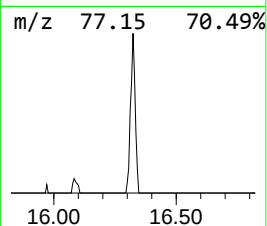
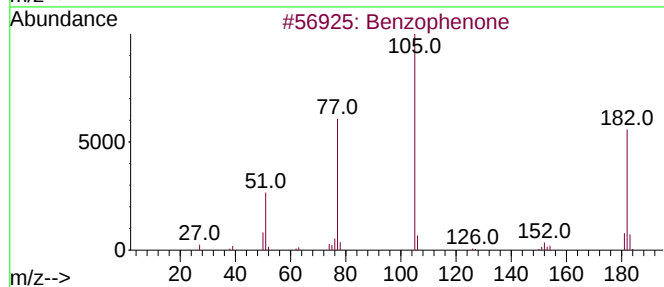
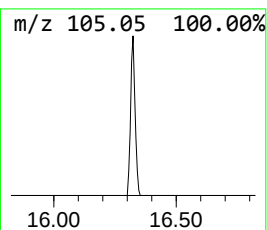
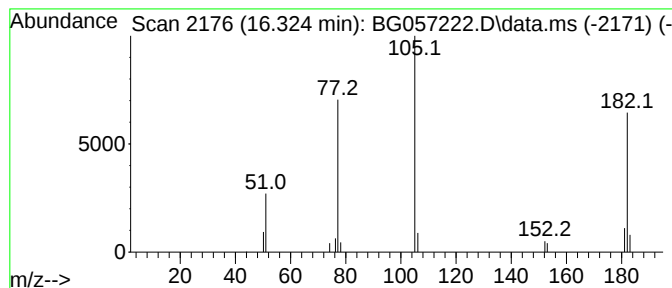
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.324 | 2.16 ng/ul | 21261 | Acenaphthene-d10 | 14.990 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |



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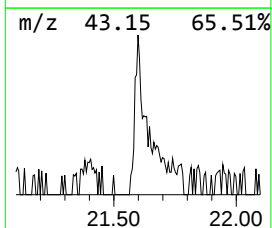
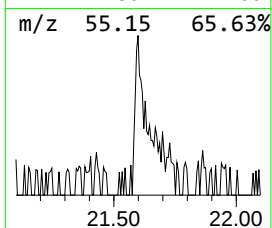
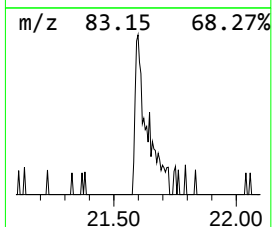
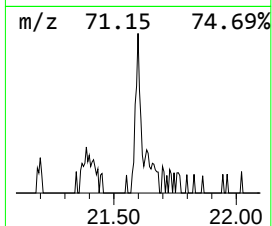
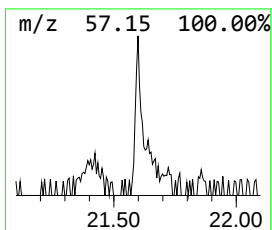
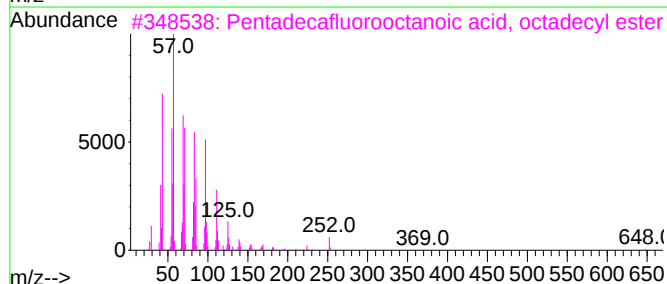
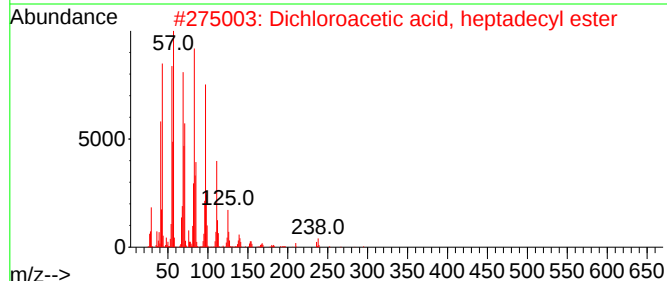
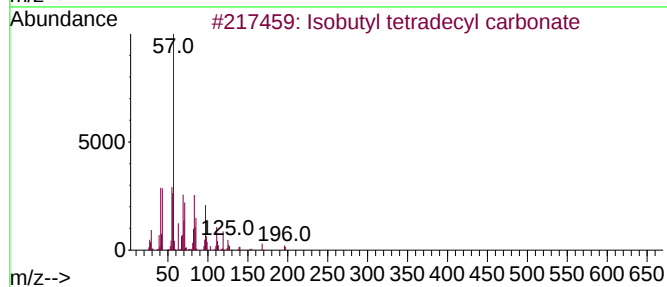
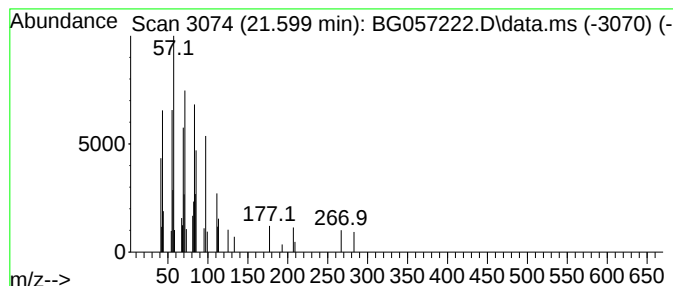
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Isobutyl tetradecyl carbonate Concentration Rank 1

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 21.599    | 2.23 ng/ul                          | 32989 | Chrysene-d12     | 22.034       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Isobutyl tetradecyl carbonate       | 314   | C19H38O3         | 959275-58-2  | 52   |
| 2         | Dichloroacetic acid, heptadecyl ... | 366   | C19H36Cl2O2      | 1000282-98-2 | 49   |
| 3         | Pentadecafluorooctanoic acid, oc... | 666   | C26H37F15O2      | 1000406-04-8 | 49   |
| 4         | Heptafluorobutyric acid, n-tetra... | 410   | C18H29F7O2       | 007365-36-8  | 49   |
| 5         | 2- Chloropropionic acid, hexadec... | 332   | C19H37ClO2       | 086711-81-1  | 46   |



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 16.324 | 2.2     | ng/u1 | 21261    | 3                     | 14.990 | 197216 | 20.0 |
| Isobutyl tetrad... | 21.599 | 2.2     | ng/u1 | 32989    | 5                     | 22.034 | 295928 | 20.0 |