

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030123\  
 Data File : BG056786.D  
 Acq On : 2 Mar 2023 6:52  
 Operator : CG/JU  
 Sample : 01649-16  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBZW3

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: BG056786.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         | 4.137       | 99            | 102         | 116          | rBV      | 45283          | 77452         | 17.32%          | 1.521%        |
| 2         | 7.539       | 675           | 681         | 689          | rBV      | 65200          | 110176        | 24.64%          | 2.163%        |
| 3         | 7.722       | 706           | 712         | 720          | rVB      | 44903          | 74026         | 16.56%          | 1.454%        |
| 4         | 7.939       | 742           | 749         | 757          | rVB      | 59153          | 97937         | 21.91%          | 1.923%        |
| 5         | 8.421       | 824           | 831         | 838          | rVB      | 61045          | 103155        | 23.07%          | 2.026%        |
| 6         | 9.102       | 941           | 947         | 955          | rVB2     | 77676          | 132489        | 29.64%          | 2.602%        |
| 7         | 9.590       | 1023          | 1030        | 1038         | rVB      | 62130          | 110098        | 24.63%          | 2.162%        |
| 8         | 9.966       | 1090          | 1094        | 1098         | rVB2     | 1307           | 1301          | 0.29%           | 0.026%        |
| 9         | 10.318      | 1148          | 1154        | 1161         | rVB      | 53410          | 95144         | 21.28%          | 1.868%        |
| 10        | 10.859      | 1240          | 1246        | 1253         | rVB      | 82466          | 141436        | 31.64%          | 2.777%        |
| 11        | 10.953      | 1260          | 1262        | 1268         | rVB2     | 468            | 870           | 0.19%           | 0.017%        |
| 12        | 11.259      | 1306          | 1314        | 1321         | rVB      | 87961          | 156900        | 35.10%          | 3.081%        |
| 13        | 11.376      | 1327          | 1334        | 1342         | rBV      | 74792          | 133153        | 29.78%          | 2.615%        |
| 14        | 11.828      | 1409          | 1411        | 1413         | rBV      | 614            | 664           | 0.15%           | 0.013%        |
| 15        | 12.275      | 1484          | 1487        | 1491         | rBV2     | 518            | 680           | 0.15%           | 0.013%        |
| 16        | 12.810      | 1573          | 1578        | 1582         | rVB2     | 1100           | 1845          | 0.41%           | 0.036%        |
| 17        | 13.591      | 1709          | 1711        | 1715         | rVB2     | 487            | 618           | 0.14%           | 0.012%        |
| 18        | 13.820      | 1745          | 1750        | 1754         | rBV3     | 1651           | 2339          | 0.52%           | 0.046%        |
| 19        | 13.891      | 1759          | 1762        | 1764         | rVV      | 1172           | 1363          | 0.30%           | 0.027%        |
| 20        | 13.955      | 1769          | 1773        | 1776         | rBV      | 710            | 1008          | 0.23%           | 0.020%        |
| 21        | 14.185      | 1808          | 1812        | 1815         | rVB      | 437            | 635           | 0.14%           | 0.012%        |
| 22        | 14.408      | 1843          | 1850        | 1857         | rBV      | 161615         | 232400        | 51.98%          | 4.563%        |
| 23        | 14.719      | 1894          | 1903        | 1911         | rBV      | 180450         | 277969        | 62.18%          | 5.458%        |
| 24        | 15.019      | 1947          | 1954        | 1961         | rVB      | 168428         | 258488        | 57.82%          | 5.076%        |
| 25        | 15.177      | 1974          | 1981        | 1989         | rBV      | 74559          | 115171        | 25.76%          | 2.262%        |
| 26        | 15.407      | 2017          | 2020        | 2023         | rVB      | 945            | 732           | 0.16%           | 0.014%        |
| 27        | 16.006      | 2115          | 2122        | 2128         | rBV      | 237537         | 349700        | 78.22%          | 6.867%        |
| 28        | 16.100      | 2133          | 2138        | 2146         | rVB2     | 72880          | 101343        | 22.67%          | 1.990%        |
| 29        | 16.353      | 2174          | 2181        | 2186         | rVB      | 25886          | 35127         | 7.86%           | 0.690%        |
| 30        | 16.823      | 2260          | 2261        | 2266         | rVB      | 605            | 823           | 0.18%           | 0.016%        |
| 31        | 17.757      | 2413          | 2420        | 2426         | rBV      | 219669         | 334158        | 74.75%          | 6.562%        |
| 32        | 17.851      | 2430          | 2436        | 2443         | rVV      | 244733         | 379267        | 84.84%          | 7.447%        |
| 33        | 17.910      | 2444          | 2446        | 2451         | rVB2     | 2168           | 1789          | 0.40%           | 0.035%        |
| 34        | 18.497      | 2544          | 2546        | 2549         | rBV      | 678            | 684           | 0.15%           | 0.013%        |
| 35        | 18.597      | 2558          | 2563        | 2569         | rBV3     | 23163          | 32941         | 7.37%           | 0.647%        |
| 36        | 19.014      | 2630          | 2634        | 2636         | rBV2     | 2514           | 2799          | 0.63%           | 0.055%        |

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 ClientSampleId :  
 DBZW3

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 | 19.079 | 2641 | 2645 | 2646 | rBV2 | 645    | 767    | 0.17%   | 0.015% |
| 38 | 19.249 | 2671 | 2674 | 2678 | rBV  | 845    | 847    | 0.19%   | 0.017% |
| 39 | 19.402 | 2699 | 2700 | 2703 | rBV  | 803    | 729    | 0.16%   | 0.014% |
| 40 | 19.678 | 2745 | 2747 | 2751 | rBV3 | 3183   | 4023   | 0.90%   | 0.079% |
| 41 | 19.749 | 2753 | 2759 | 2762 | rBV3 | 2504   | 3514   | 0.79%   | 0.069% |
| 42 | 19.843 | 2771 | 2775 | 2780 | rBV4 | 3849   | 5776   | 1.29%   | 0.113% |
| 43 | 19.919 | 2786 | 2788 | 2791 | rBV2 | 846    | 661    | 0.15%   | 0.013% |
| 44 | 20.072 | 2812 | 2814 | 2815 | rBV2 | 1334   | 947    | 0.21%   | 0.019% |
| 45 | 20.113 | 2815 | 2821 | 2829 | rVV  | 320778 | 447056 | 100.00% | 8.778% |
| 46 | 20.177 | 2831 | 2832 | 2837 | rBV3 | 1256   | 1588   | 0.36%   | 0.031% |
| 47 | 20.342 | 2858 | 2860 | 2862 | rVB2 | 1123   | 617    | 0.14%   | 0.012% |
| 48 | 20.448 | 2876 | 2878 | 2880 | rBV3 | 1353   | 1294   | 0.29%   | 0.025% |
| 49 | 20.530 | 2891 | 2892 | 2895 | rBV2 | 1124   | 866    | 0.19%   | 0.017% |
| 50 | 20.589 | 2900 | 2902 | 2906 | rVB2 | 3211   | 3132   | 0.70%   | 0.062% |
| 51 | 20.824 | 2941 | 2942 | 2944 | rVB  | 1842   | 939    | 0.21%   | 0.018% |
| 52 | 20.859 | 2946 | 2948 | 2950 | rVV2 | 1454   | 956    | 0.21%   | 0.019% |
| 53 | 20.877 | 2950 | 2951 | 2954 | rVV2 | 1574   | 1333   | 0.30%   | 0.026% |
| 54 | 21.082 | 2984 | 2986 | 2987 | rBV2 | 1786   | 1718   | 0.38%   | 0.034% |
| 55 | 21.100 | 2987 | 2989 | 2993 | rVB4 | 4420   | 4978   | 1.11%   | 0.098% |
| 56 | 21.635 | 3075 | 3080 | 3085 | rBV2 | 34242  | 51391  | 11.50%  | 1.009% |
| 57 | 22.064 | 3146 | 3153 | 3161 | rVB  | 215689 | 356268 | 79.69%  | 6.996% |
| 58 | 22.222 | 3178 | 3180 | 3187 | rVB5 | 5369   | 6793   | 1.52%   | 0.133% |
| 59 | 23.033 | 3316 | 3318 | 3322 | rBV4 | 1640   | 1494   | 0.33%   | 0.029% |
| 60 | 23.591 | 3411 | 3413 | 3414 | rBV  | 2149   | 1413   | 0.32%   | 0.028% |
| 61 | 23.638 | 3414 | 3421 | 3428 | rVB9 | 7153   | 17911  | 4.01%   | 0.352% |
| 62 | 23.762 | 3441 | 3442 | 3443 | rBV  | 1911   | 788    | 0.18%   | 0.015% |
| 63 | 23.814 | 3450 | 3451 | 3453 | rBV2 | 1725   | 1341   | 0.30%   | 0.026% |
| 64 | 23.861 | 3453 | 3459 | 3465 | rVV3 | 13000  | 26794  | 5.99%   | 0.526% |
| 65 | 24.108 | 3499 | 3501 | 3503 | rBV3 | 2029   | 1711   | 0.38%   | 0.034% |
| 66 | 24.349 | 3540 | 3542 | 3543 | rBV2 | 1678   | 858    | 0.19%   | 0.017% |
| 67 | 24.437 | 3556 | 3557 | 3561 | rBV4 | 2003   | 1583   | 0.35%   | 0.031% |
| 68 | 24.978 | 3647 | 3649 | 3650 | rBV2 | 1909   | 1275   | 0.29%   | 0.025% |
| 69 | 25.342 | 3701 | 3711 | 3722 | rVB2 | 141762 | 415608 | 92.97%  | 8.161% |
| 70 | 25.589 | 3742 | 3753 | 3763 | rVB2 | 117643 | 352932 | 78.95%  | 6.930% |
| 71 | 27.422 | 4063 | 4065 | 4067 | rBV3 | 1581   | 1541   | 0.34%   | 0.030% |
| 72 | 27.492 | 4075 | 4077 | 4078 | rBV  | 1723   | 1291   | 0.29%   | 0.025% |
| 73 | 30.348 | 4561 | 4563 | 4566 | rBV3 | 1648   | 2236   | 0.50%   | 0.044% |
| 74 | 31.799 | 4808 | 4810 | 4812 | rBV2 | 1826   | 990    | 0.22%   | 0.019% |

Sum of corrected areas: 5092639

**Instrument :**

BNA\_G

**ClientSampleId :**

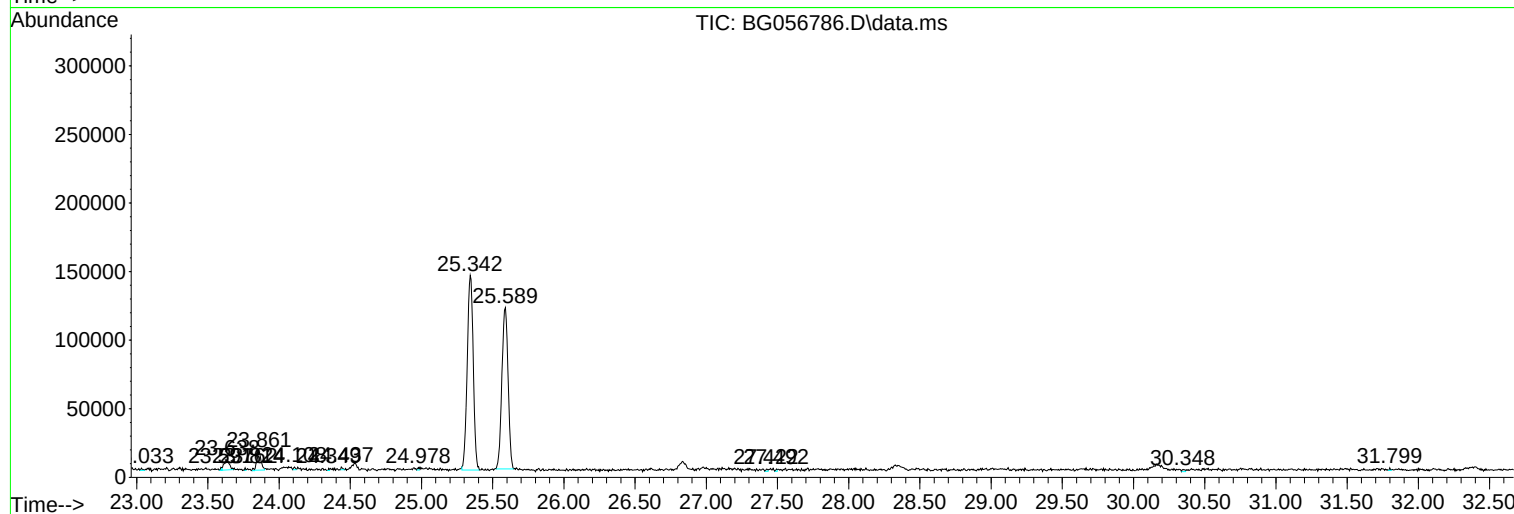
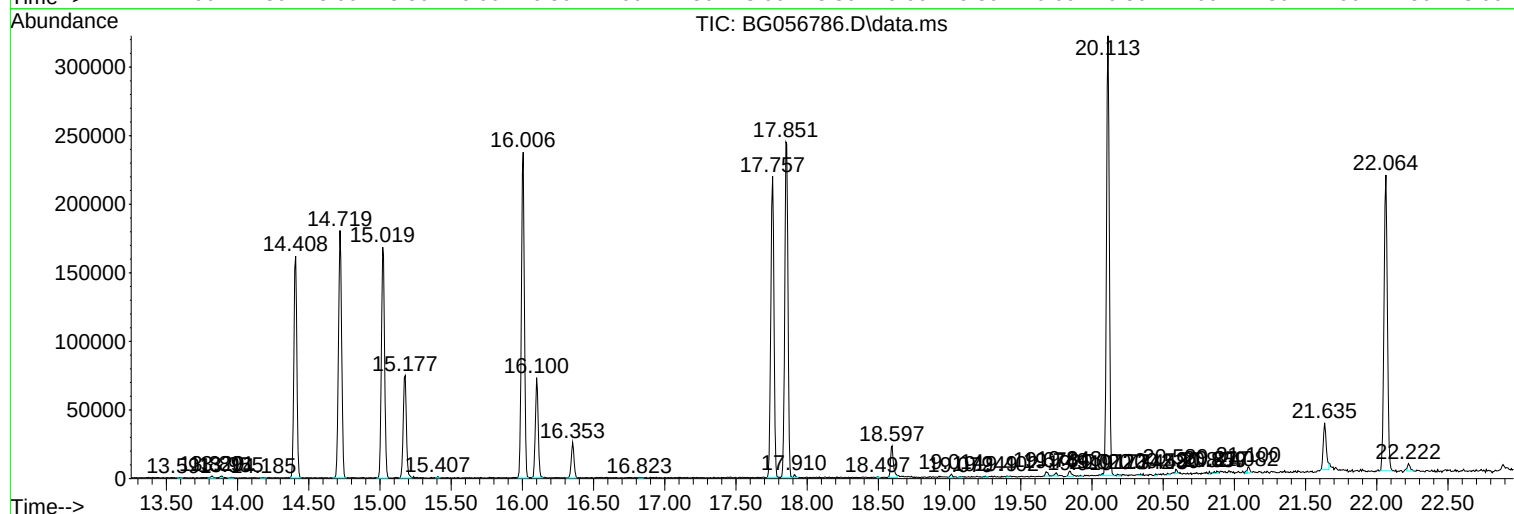
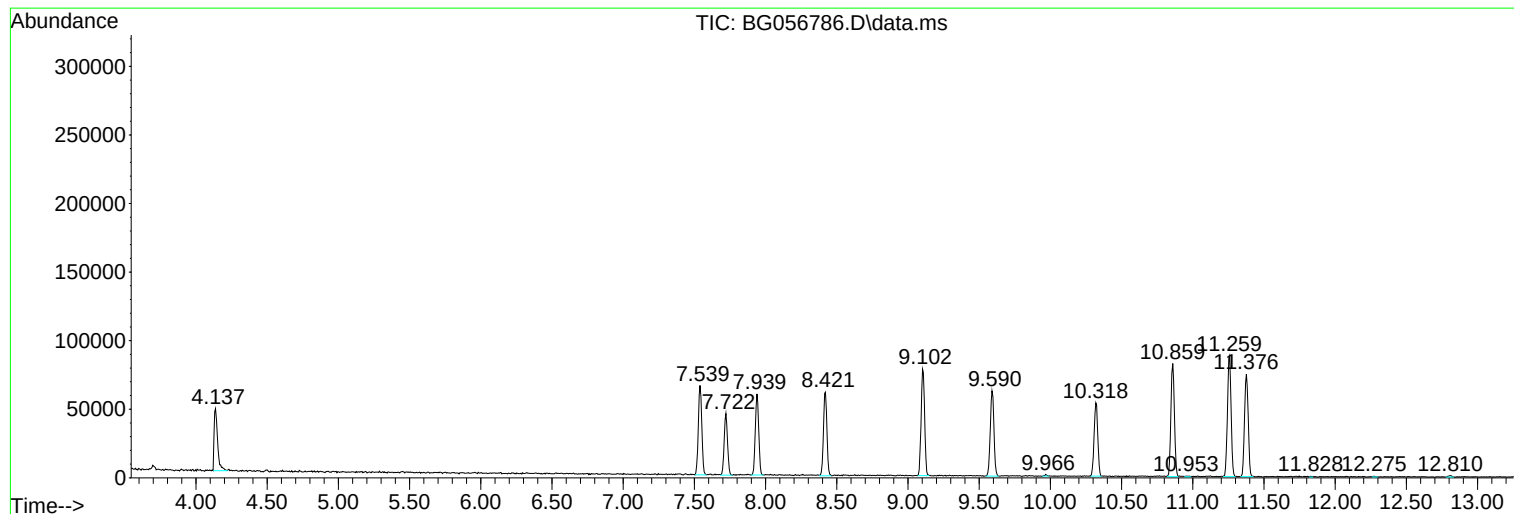
DBZW3

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030123\  
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Sample : 01649-16  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBZW3

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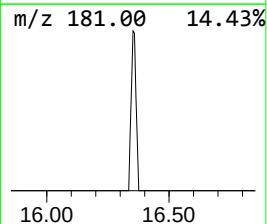
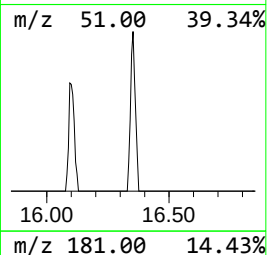
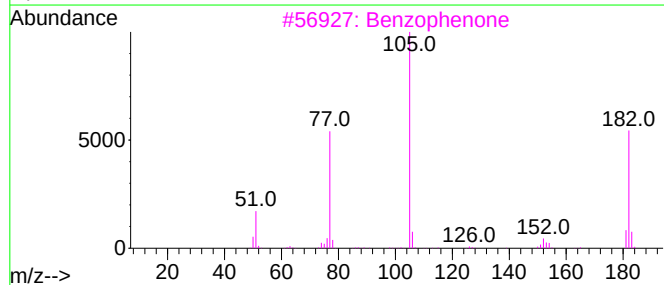
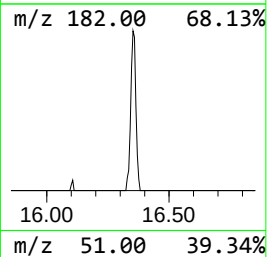
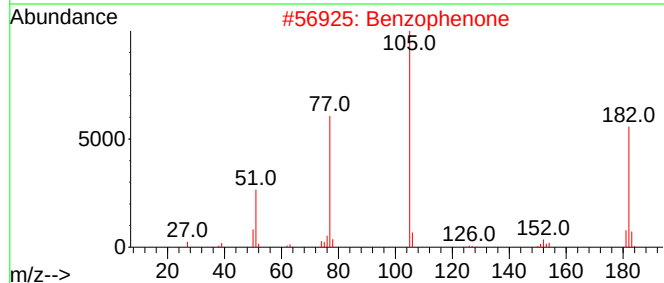
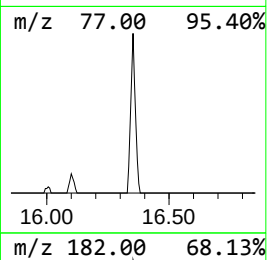
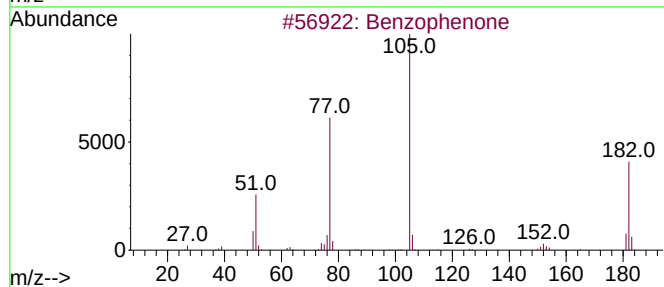
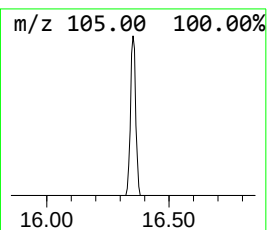
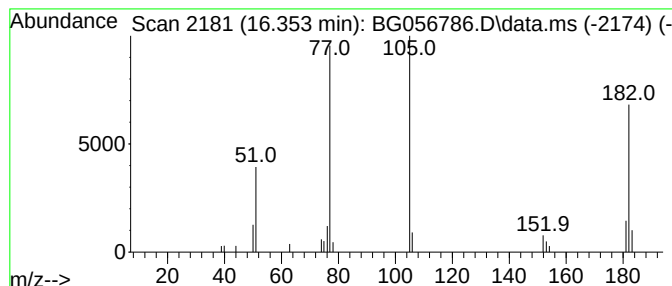
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG022323.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|-------|------------------|--------|
| 16.353 | 2.72 ng/ul | 35127 | Acenaphthene-d10 | 15.019 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9 | 93   |
| 2    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9 | 91   |
| 3    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9 | 91   |
| 4    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9 | 64   |
| 5    |    |   | 1,2,4-Triazine-3,5(2H,4H)-dione,... | 249 | C10H7N3O3S | 024168-34-1 | 53   |



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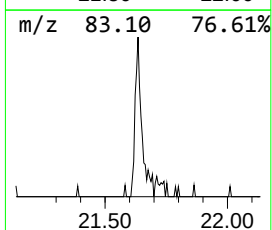
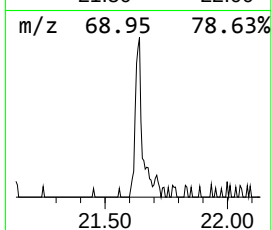
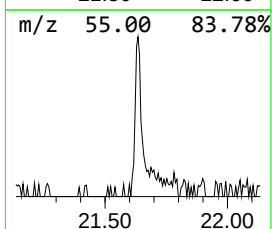
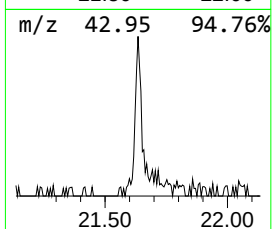
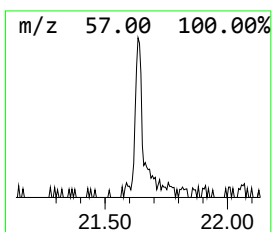
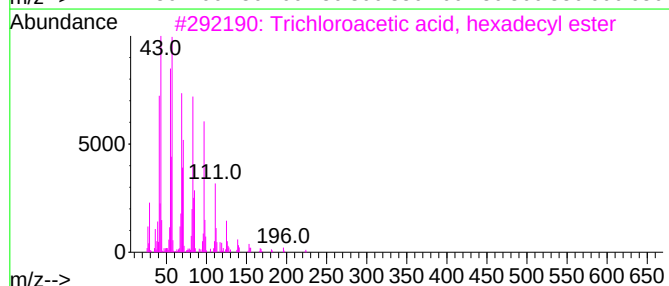
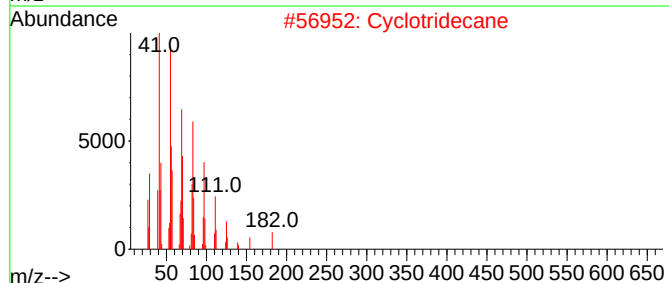
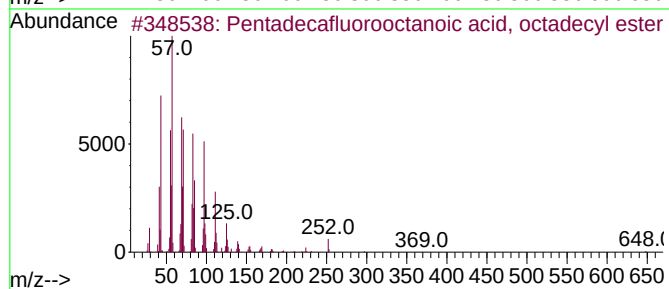
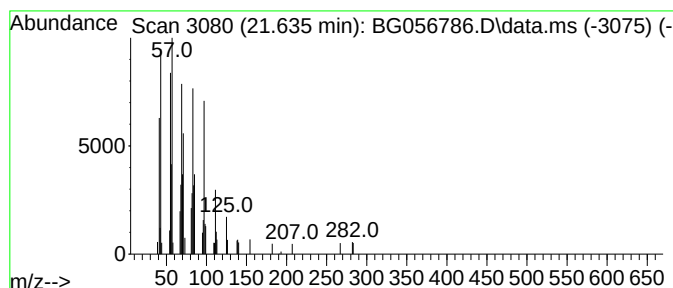
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG022323.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Pentadecafluorooctanoic aci... Concentration Rank 1

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 21.635    | 2.88 ng/ul                          | 51391 | Chrysene-d12     | 22.064       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Pentadecafluorooctanoic acid, oc... | 666   | C26H37F15O2      | 1000406-04-8 | 95   |
| 2         | Cyclotridecane                      | 182   | C13H26           | 000295-02-3  | 95   |
| 3         | Trichloroacetic acid, hexadecyl ... | 386   | C18H33Cl3O2      | 074339-54-1  | 94   |
| 4         | Heptadecyl heptafluorobutyrate      | 452   | C21H35F7O2       | 959085-66-6  | 92   |
| 5         | Trichloroacetic acid, pentadecyl... | 372   | C17H31Cl3O2      | 074339-53-0  | 91   |



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

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 16.353 | 2.7     | ng/u1 | 35127    | 3                     | 15.019 | 258488 | 20.0 |
| Pentadecafluoro... | 21.635 | 2.9     | ng/u1 | 51391    | 5                     | 22.064 | 356268 | 20.0 |