

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
 Data File : BG057969.D  
 Acq On : 4 Jul 2023 00:45  
 Operator : CG/JU  
 Sample : 03246-11  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGJ8

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-BG070123.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG057969.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         | 3.111       | 3             | 4           | 19           | rVB      | 1684152        | 1863556       | 100.00%         | 9.446%        |
| 2         | 3.282       | 31            | 33          | 37           | rVB5     | 3052           | 3902          | 0.21%           | 0.020%        |
| 3         | 3.376       | 44            | 49          | 54           | rVB      | 11913          | 17047         | 0.91%           | 0.086%        |
| 4         | 3.787       | 114           | 119         | 130          | rBV      | 109490         | 174212        | 9.35%           | 0.883%        |
| 5         | 3.899       | 134           | 138         | 143          | rVB3     | 8755           | 12161         | 0.65%           | 0.062%        |
| 6         | 4.022       | 155           | 159         | 165          | rVB      | 13998          | 20283         | 1.09%           | 0.103%        |
| 7         | 4.128       | 173           | 177         | 181          | rVB3     | 4308           | 5871          | 0.32%           | 0.030%        |
| 8         | 5.033       | 326           | 331         | 337          | rBV2     | 4464           | 6602          | 0.35%           | 0.033%        |
| 9         | 5.133       | 343           | 348         | 353          | rVB5     | 3178           | 4691          | 0.25%           | 0.024%        |
| 10        | 5.697       | 438           | 444         | 455          | rVB      | 22752          | 41054         | 2.20%           | 0.208%        |
| 11        | 7.101       | 674           | 683         | 692          | rBV      | 201235         | 347718        | 18.66%          | 1.762%        |
| 12        | 7.265       | 703           | 711         | 721          | rBV      | 161940         | 261054        | 14.01%          | 1.323%        |
| 13        | 7.471       | 738           | 746         | 753          | rBV      | 195542         | 332197        | 17.83%          | 1.684%        |
| 14        | 7.553       | 756           | 760         | 762          | rBV2     | 3212           | 4205          | 0.23%           | 0.021%        |
| 15        | 7.941       | 817           | 826         | 832          | rBV      | 177770         | 296619        | 15.92%          | 1.503%        |
| 16        | 8.505       | 914           | 922         | 932          | rBV5     | 2344           | 6140          | 0.33%           | 0.031%        |
| 17        | 8.646       | 939           | 946         | 955          | rBV      | 219952         | 387282        | 20.78%          | 1.963%        |
| 18        | 9.099       | 1016          | 1023        | 1031         | rBV      | 202445         | 351215        | 18.85%          | 1.780%        |
| 19        | 9.263       | 1046          | 1051        | 1057         | rVB4     | 2483           | 4759          | 0.26%           | 0.024%        |
| 20        | 9.821       | 1140          | 1146        | 1153         | rBV      | 160595         | 278636        | 14.95%          | 1.412%        |
| 21        | 9.980       | 1167          | 1173        | 1175         | rBV3     | 3501           | 5911          | 0.32%           | 0.030%        |
| 22        | 10.045      | 1181          | 1184        | 1190         | rVB3     | 3017           | 4271          | 0.23%           | 0.022%        |
| 23        | 10.362      | 1232          | 1238        | 1248         | rVB      | 250123         | 452909        | 24.30%          | 2.296%        |
| 24        | 10.744      | 1292          | 1303        | 1310         | rBV      | 280307         | 499680        | 26.81%          | 2.533%        |
| 25        | 10.873      | 1318          | 1325        | 1339         | rBV      | 171247         | 325685        | 17.48%          | 1.651%        |
| 26        | 11.531      | 1431          | 1437        | 1439         | rBV6     | 3510           | 5920          | 0.32%           | 0.030%        |
| 27        | 11.654      | 1451          | 1458        | 1461         | rBV4     | 2551           | 4603          | 0.25%           | 0.023%        |
| 28        | 11.760      | 1469          | 1476        | 1480         | rBV3     | 4942           | 7582          | 0.41%           | 0.038%        |
| 29        | 12.148      | 1538          | 1542        | 1549         | rVV2     | 3617           | 6440          | 0.35%           | 0.033%        |
| 30        | 12.324      | 1569          | 1572        | 1576         | rVV      | 4546           | 6307          | 0.34%           | 0.032%        |
| 31        | 12.395      | 1579          | 1584        | 1589         | rVB2     | 2935           | 5255          | 0.28%           | 0.027%        |
| 32        | 12.841      | 1654          | 1660        | 1663         | rBV4     | 3409           | 5308          | 0.28%           | 0.027%        |
| 33        | 13.106      | 1700          | 1705        | 1708         | rVV3     | 4066           | 5321          | 0.29%           | 0.027%        |
| 34        | 13.394      | 1749          | 1754        | 1759         | rBV4     | 6415           | 11305         | 0.61%           | 0.057%        |
| 35        | 13.458      | 1759          | 1765        | 1775         | rVB4     | 13034          | 21904         | 1.18%           | 0.111%        |
| 36        | 13.699      | 1798          | 1806        | 1812         | rBV      | 12910          | 26233         | 1.41%           | 0.133%        |

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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-BG070123.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 13.893 | 1834 | 1839 | 1845 | rVB8 | 9798   | 14901   | 0.80%  | 0.076% |
| 38 | 13.975 | 1845 | 1853 | 1861 | rBV  | 470557 | 672073  | 36.06% | 3.407% |
| 39 | 14.046 | 1861 | 1865 | 1869 | rVB4 | 7024   | 9969    | 0.53%  | 0.051% |
| 40 | 14.210 | 1887 | 1893 | 1895 | rBV4 | 2754   | 3969    | 0.21%  | 0.020% |
| 41 | 14.269 | 1896 | 1903 | 1912 | rVV  | 516812 | 850759  | 45.65% | 4.312% |
| 42 | 14.398 | 1921 | 1925 | 1932 | rBV5 | 5201   | 7646    | 0.41%  | 0.039% |
| 43 | 14.457 | 1932 | 1935 | 1939 | rBV2 | 7597   | 9265    | 0.50%  | 0.047% |
| 44 | 14.533 | 1943 | 1948 | 1949 | rBV3 | 11247  | 13949   | 0.75%  | 0.071% |
| 45 | 14.575 | 1949 | 1955 | 1962 | rVV  | 425495 | 687603  | 36.90% | 3.485% |
| 46 | 14.768 | 1982 | 1988 | 2000 | rVV  | 160038 | 272888  | 14.64% | 1.383% |
| 47 | 14.851 | 2000 | 2002 | 2008 | rVV5 | 3308   | 6582    | 0.35%  | 0.033% |
| 48 | 14.915 | 2008 | 2013 | 2018 | rVV5 | 6978   | 13804   | 0.74%  | 0.070% |
| 49 | 14.974 | 2018 | 2023 | 2033 | rVB6 | 12926  | 24215   | 1.30%  | 0.123% |
| 50 | 15.186 | 2056 | 2059 | 2064 | rBV5 | 2201   | 4136    | 0.22%  | 0.021% |
| 51 | 15.238 | 2064 | 2068 | 2074 | rVB2 | 21751  | 29742   | 1.60%  | 0.151% |
| 52 | 15.356 | 2081 | 2088 | 2092 | rBV5 | 6567   | 10798   | 0.58%  | 0.055% |
| 53 | 15.409 | 2092 | 2097 | 2102 | rVB2 | 8894   | 13002   | 0.70%  | 0.066% |
| 54 | 15.562 | 2116 | 2123 | 2137 | rBV  | 671827 | 1047717 | 56.22% | 5.311% |
| 55 | 15.679 | 2137 | 2143 | 2150 | rVV  | 168970 | 242118  | 12.99% | 1.227% |
| 56 | 15.808 | 2158 | 2165 | 2170 | rBV5 | 8385   | 15843   | 0.85%  | 0.080% |
| 57 | 15.926 | 2179 | 2185 | 2192 | rBV  | 183635 | 269400  | 14.46% | 1.366% |
| 58 | 16.061 | 2204 | 2208 | 2212 | rVB5 | 2995   | 5636    | 0.30%  | 0.029% |
| 59 | 16.296 | 2241 | 2248 | 2251 | rVB2 | 18513  | 38638   | 2.07%  | 0.196% |
| 60 | 16.408 | 2264 | 2267 | 2272 | rVV4 | 9192   | 15402   | 0.83%  | 0.078% |
| 61 | 16.478 | 2276 | 2279 | 2288 | rVB3 | 11776  | 22322   | 1.20%  | 0.113% |
| 62 | 16.707 | 2314 | 2318 | 2325 | rBV5 | 10308  | 16931   | 0.91%  | 0.086% |
| 63 | 16.842 | 2338 | 2341 | 2345 | rBV5 | 5753   | 8093    | 0.43%  | 0.041% |
| 64 | 16.889 | 2345 | 2349 | 2351 | rBV4 | 3436   | 5678    | 0.30%  | 0.029% |
| 65 | 16.966 | 2358 | 2362 | 2369 | rBV8 | 8534   | 16754   | 0.90%  | 0.085% |
| 66 | 17.030 | 2369 | 2373 | 2375 | rBV5 | 3388   | 5829    | 0.31%  | 0.030% |
| 67 | 17.060 | 2375 | 2378 | 2382 | rVV2 | 11972  | 13892   | 0.75%  | 0.070% |
| 68 | 17.107 | 2382 | 2386 | 2388 | rBV5 | 5356   | 5100    | 0.27%  | 0.026% |
| 69 | 17.201 | 2397 | 2402 | 2408 | rBV4 | 30148  | 49572   | 2.66%  | 0.251% |
| 70 | 17.265 | 2409 | 2413 | 2416 | rVV2 | 21640  | 32897   | 1.77%  | 0.167% |
| 71 | 17.313 | 2416 | 2421 | 2426 | rVV  | 511272 | 801434  | 43.01% | 4.062% |
| 72 | 17.354 | 2426 | 2428 | 2432 | rVV  | 41503  | 57540   | 3.09%  | 0.292% |
| 73 | 17.412 | 2432 | 2438 | 2446 | rVV  | 636431 | 967330  | 51.91% | 4.903% |
| 74 | 17.489 | 2446 | 2451 | 2457 | rVB8 | 9354   | 20190   | 1.08%  | 0.102% |
| 75 | 17.689 | 2480 | 2485 | 2487 | rBV5 | 4825   | 7057    | 0.38%  | 0.036% |
| 76 | 17.718 | 2487 | 2490 | 2495 | rVV4 | 8663   | 11510   | 0.62%  | 0.058% |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

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Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 17.800 | 2500 | 2504 | 2509 | rBV  | 12037  | 17381   | 0.93%  | 0.088% |
| 78  | 18.006 | 2537 | 2539 | 2545 | rBV6 | 6151   | 10429   | 0.56%  | 0.053% |
| 79  | 18.082 | 2547 | 2552 | 2557 | rBV4 | 20715  | 38992   | 2.09%  | 0.198% |
| 80  | 18.141 | 2557 | 2562 | 2567 | rBV3 | 38822  | 59152   | 3.17%  | 0.300% |
| 81  | 18.200 | 2567 | 2572 | 2582 | rBV  | 427257 | 630752  | 33.85% | 3.197% |
| 82  | 18.376 | 2599 | 2602 | 2607 | rVB3 | 14763  | 21934   | 1.18%  | 0.111% |
| 83  | 18.493 | 2618 | 2622 | 2627 | rBV3 | 24420  | 42460   | 2.28%  | 0.215% |
| 84  | 18.540 | 2627 | 2630 | 2633 | rVV4 | 13997  | 16130   | 0.87%  | 0.082% |
| 85  | 18.687 | 2652 | 2655 | 2659 | rBV4 | 16398  | 23836   | 1.28%  | 0.121% |
| 86  | 19.099 | 2722 | 2725 | 2726 | rBV3 | 25913  | 27428   | 1.47%  | 0.139% |
| 87  | 19.246 | 2748 | 2750 | 2752 | rBV2 | 12334  | 14039   | 0.75%  | 0.071% |
| 88  | 19.369 | 2761 | 2771 | 2776 | rBV  | 202123 | 399894  | 21.46% | 2.027% |
| 89  | 19.469 | 2784 | 2788 | 2794 | rBV  | 115725 | 167952  | 9.01%  | 0.851% |
| 90  | 19.657 | 2817 | 2820 | 2822 | rBV  | 28747  | 32881   | 1.76%  | 0.167% |
| 91  | 19.704 | 2822 | 2828 | 2839 | rVB2 | 823886 | 1412405 | 75.79% | 7.159% |
| 92  | 20.679 | 2991 | 2994 | 2997 | rVB  | 77438  | 77972   | 4.18%  | 0.395% |
| 93  | 21.214 | 3080 | 3085 | 3096 | rVB5 | 227886 | 400240  | 21.48% | 2.029% |
| 94  | 21.455 | 3123 | 3126 | 3131 | rVB  | 75027  | 100138  | 5.37%  | 0.508% |
| 95  | 21.566 | 3138 | 3145 | 3150 | rBV2 | 486755 | 923344  | 49.55% | 4.680% |
| 96  | 22.348 | 3275 | 3278 | 3289 | rVB3 | 91835  | 185343  | 9.95%  | 0.939% |
| 97  | 23.817 | 3524 | 3528 | 3535 | rVB  | 197049 | 387029  | 20.77% | 1.962% |
| 98  | 24.516 | 3639 | 3647 | 3655 | rBV2 | 381977 | 1024153 | 54.96% | 5.191% |
| 99  | 24.739 | 3677 | 3685 | 3693 | rVB2 | 321714 | 878518  | 47.14% | 4.453% |
| 100 | 25.855 | 3868 | 3875 | 3888 | rVB  | 236750 | 700485  | 37.59% | 3.551% |

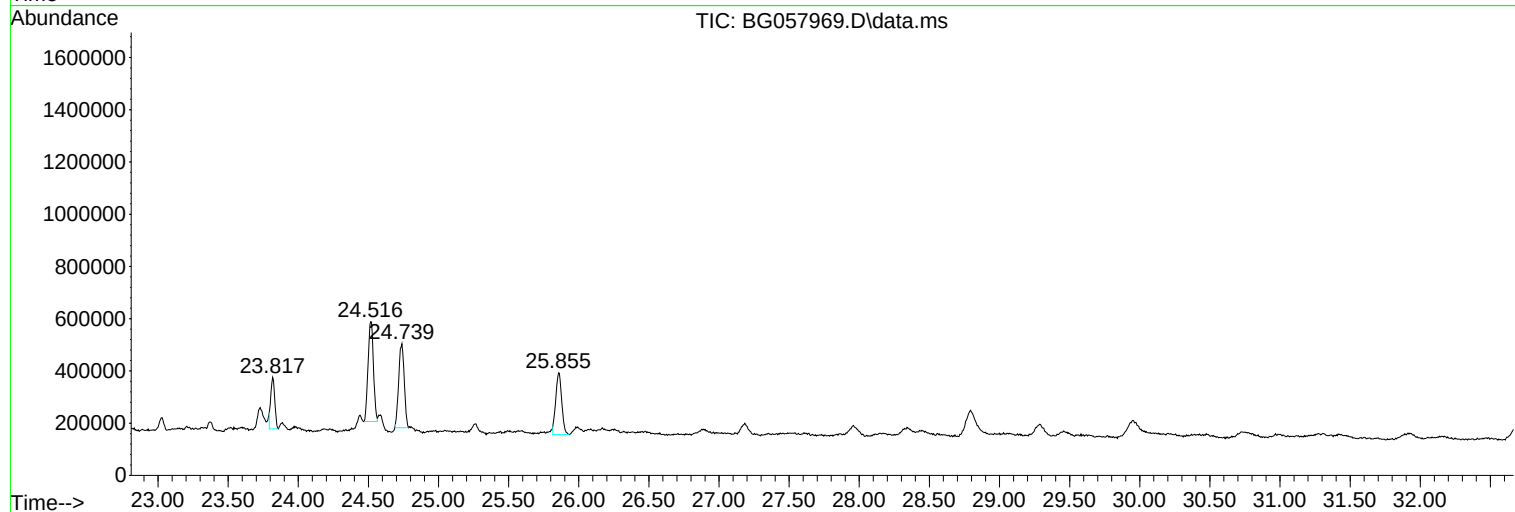
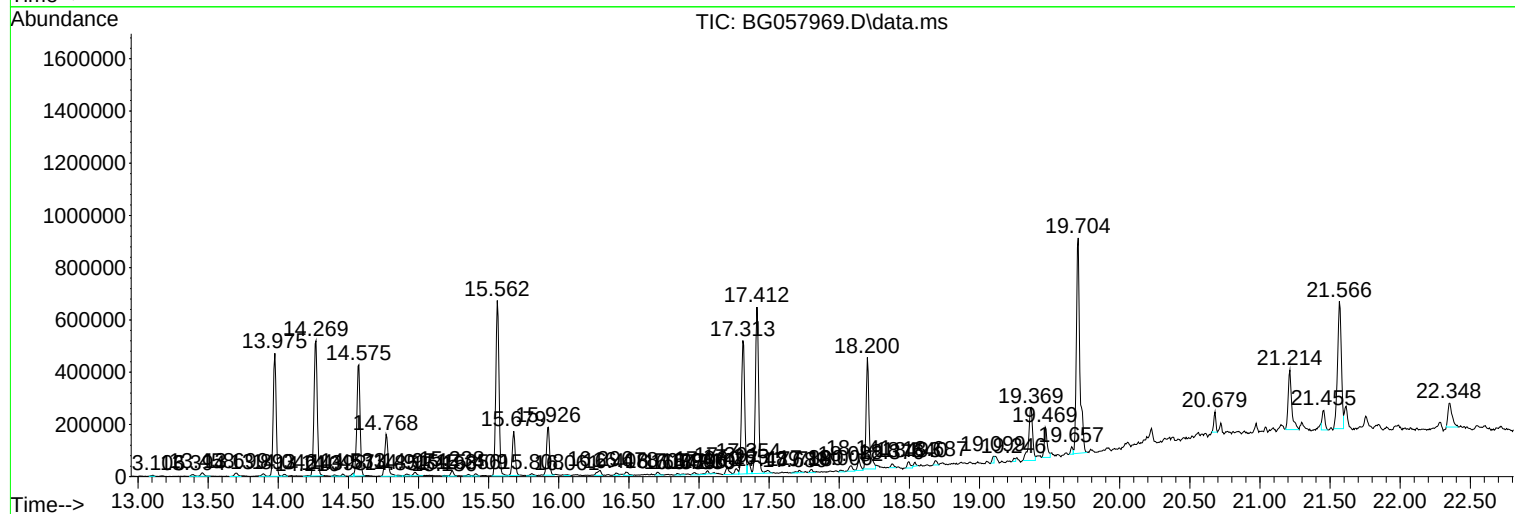
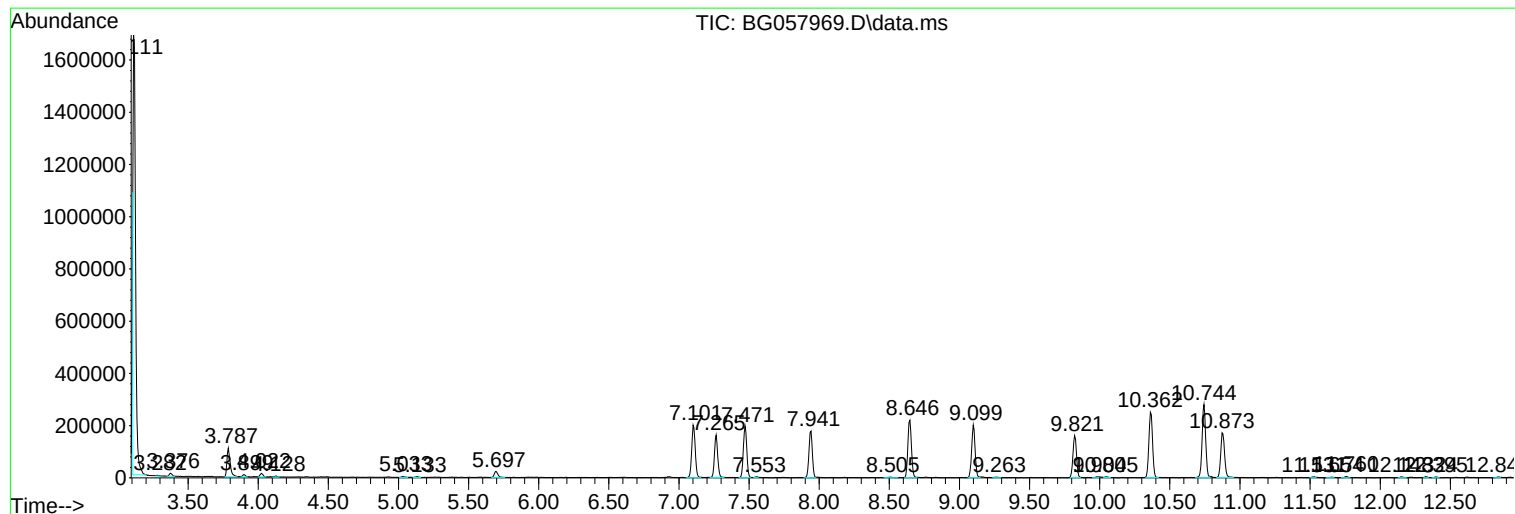
Sum of corrected areas: 19728909

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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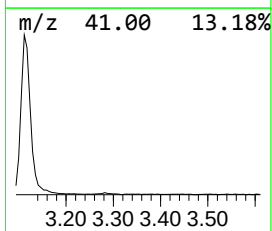
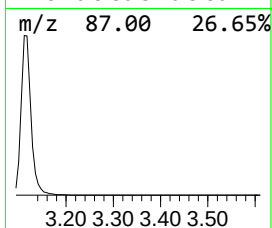
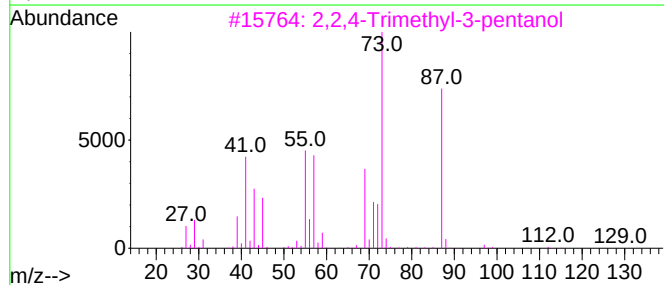
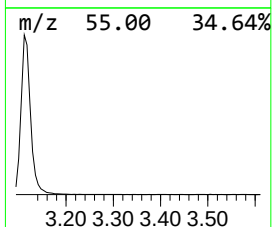
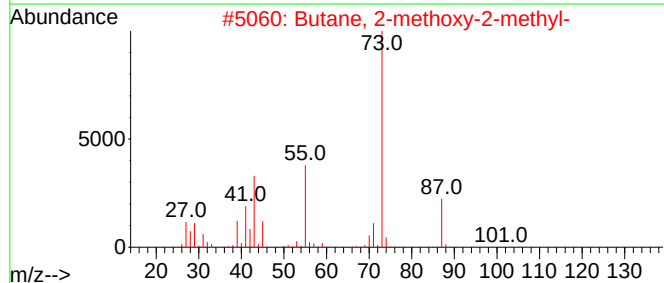
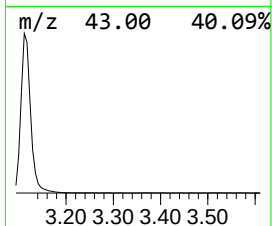
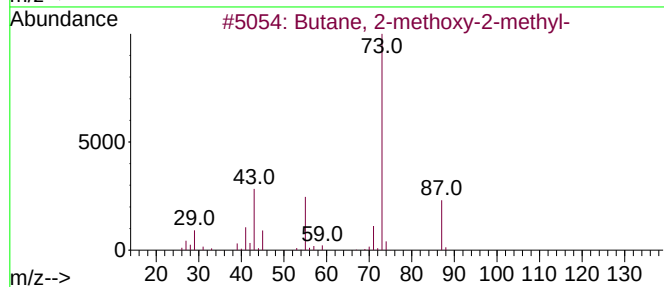
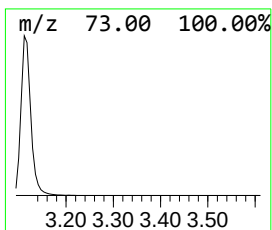
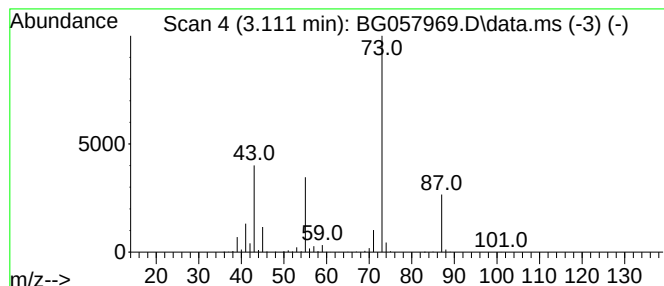
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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 1

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 3.111 | 125.65 ng/ul | 1863560 | 1,4-Dichlorobenzene-d4 | 7.941 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 4    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 25   |



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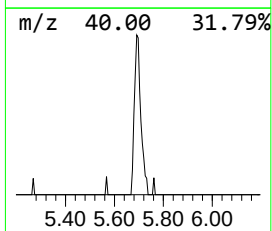
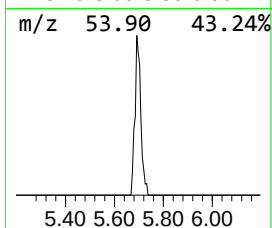
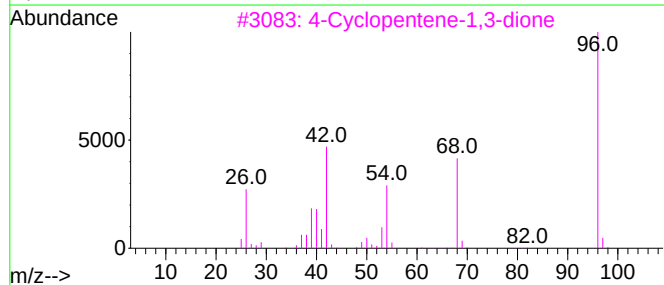
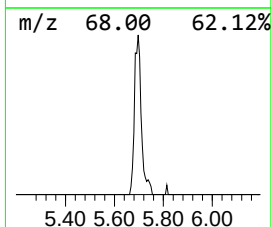
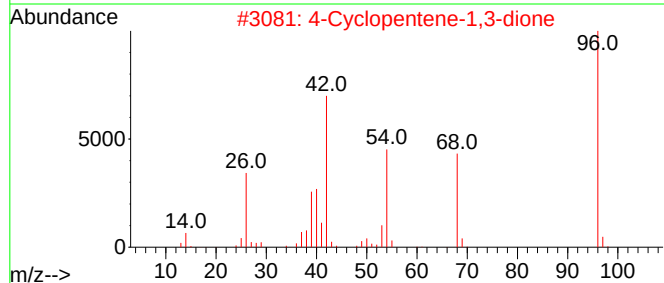
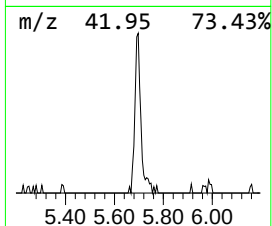
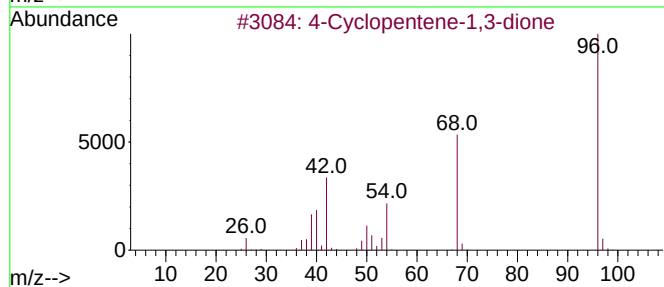
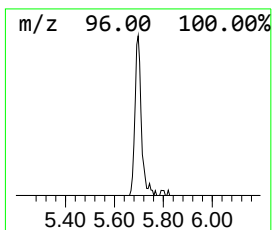
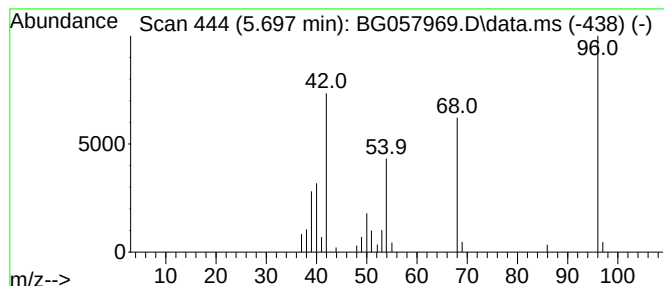
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 4-Cyclopentene-1,3-dione Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 5.697 | 2.77 ng/ul | 41054 | 1,4-Dichlorobenzene-d4 | 7.941 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | 4-Cyclopentene-1,3-dione | 96 | C5H4O2  | 000930-60-9 | 93   |
| 2    |    |   | 4-Cyclopentene-1,3-dione | 96 | C5H4O2  | 000930-60-9 | 90   |
| 3    |    |   | 4-Cyclopentene-1,3-dione | 96 | C5H4O2  | 000930-60-9 | 86   |
| 4    |    |   | 4-Cyclopentene-1,3-dione | 96 | C5H4O2  | 000930-60-9 | 72   |
| 5    |    |   | 3-Amino-1,2,4-triazine   | 96 | C3H4N4  | 001120-99-6 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057969.D  
Acq On : 4 Jul 2023 00:45  
Operator : CG/JU  
Sample : 03246-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGJ8

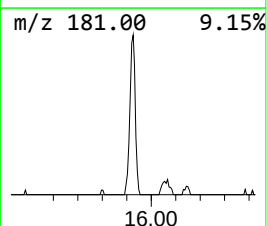
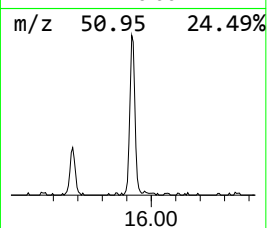
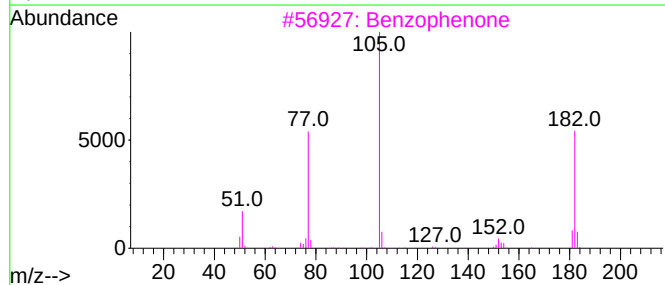
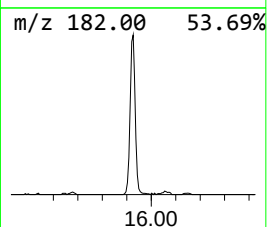
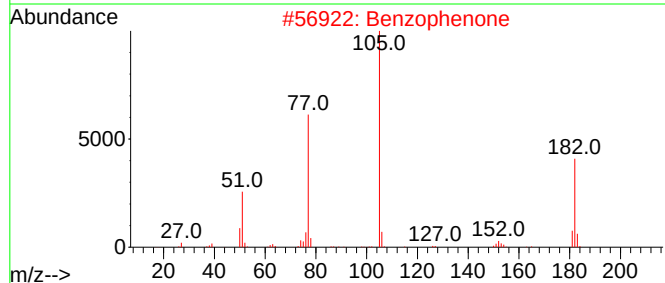
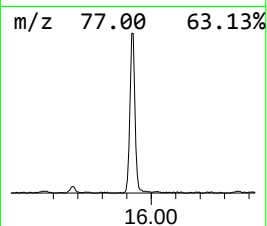
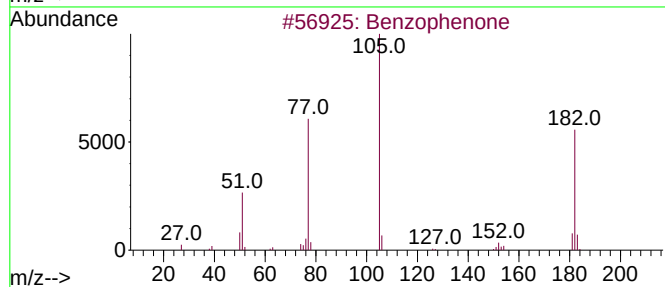
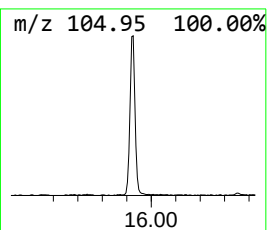
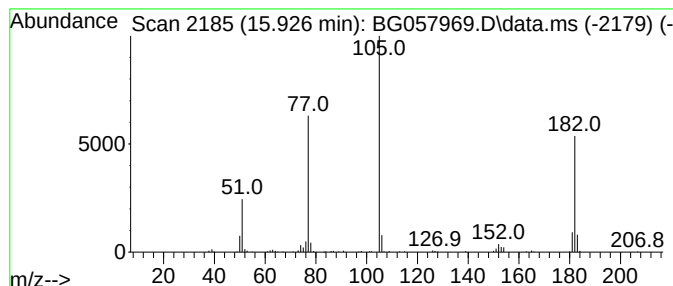
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Benzophenone Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.926 | 7.84 ng/ul | 269400 | Acenaphthene-d10 | 14.575 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 90   |
| 5    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057969.D  
Acq On : 4 Jul 2023 00:45  
Operator : CG/JU  
Sample : 03246-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGJ8

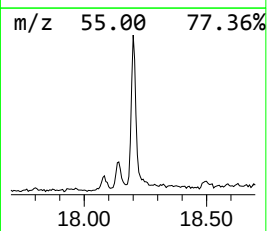
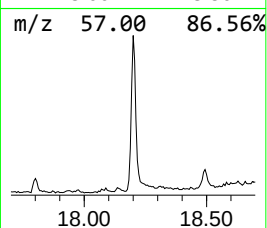
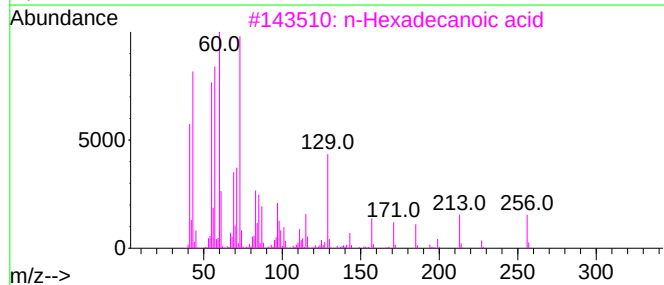
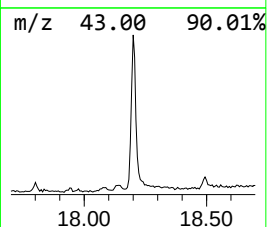
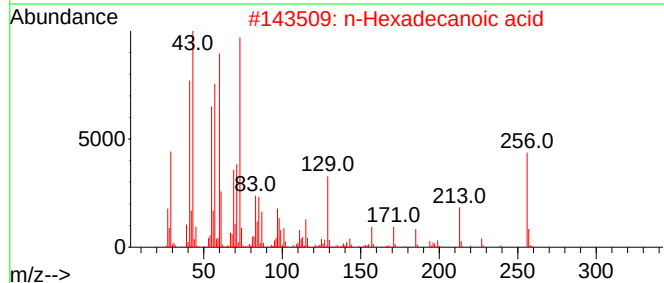
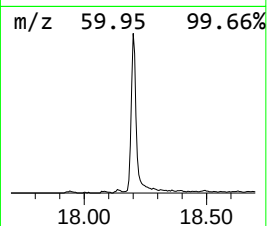
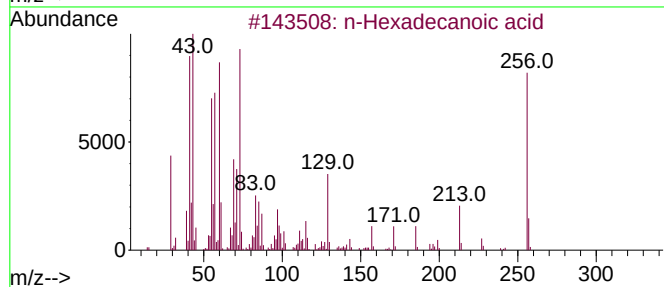
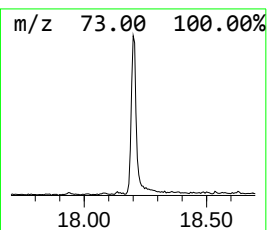
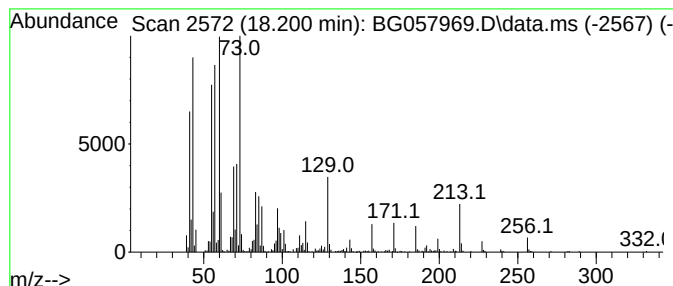
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.200 | 15.74 ng/ul | 630752 | Phenanthrene-d10 | 17.313 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 90   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057969.D  
Acq On : 4 Jul 2023 00:45  
Operator : CG/JU  
Sample : 03246-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

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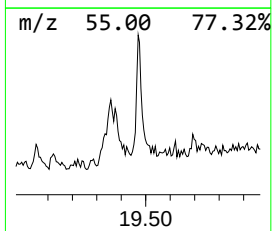
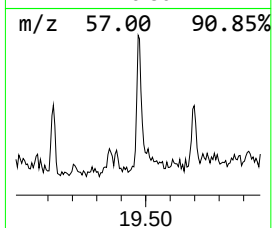
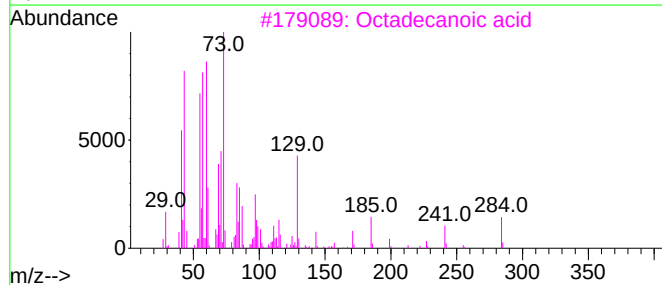
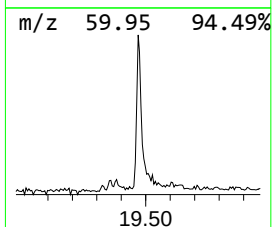
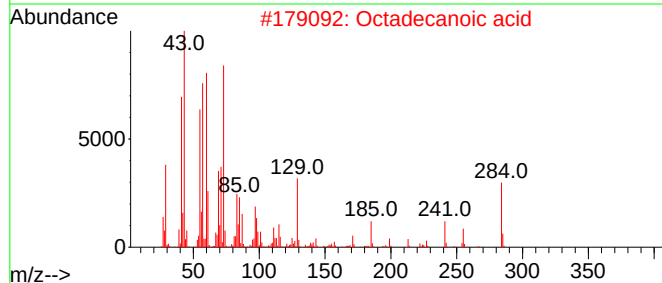
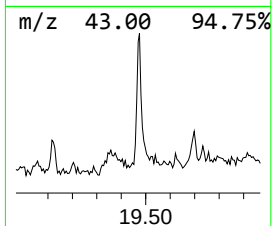
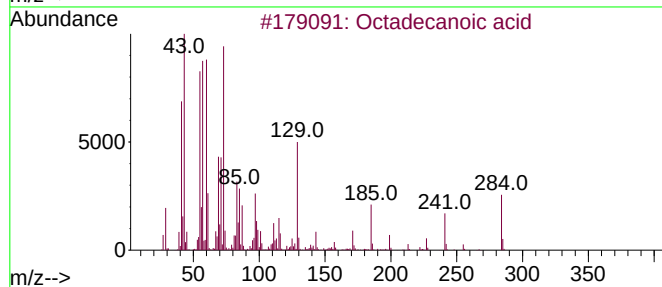
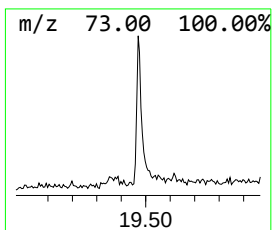
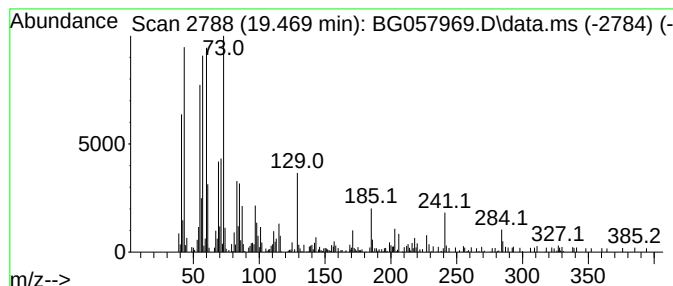
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Octadecanoic acid Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.469 | 3.64 ng/ul | 167952 | Chrysene-d12     | 21.566 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 95   |
| 3    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 95   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 95   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057969.D  
Acq On : 4 Jul 2023 00:45  
Operator : CG/JU  
Sample : 03246-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGJ8

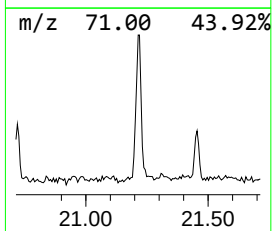
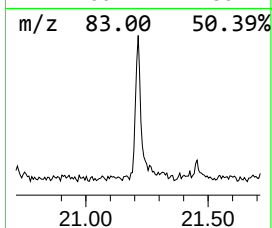
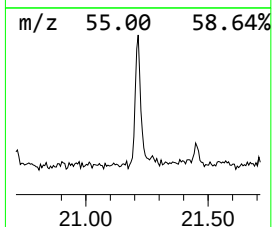
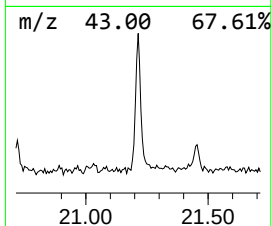
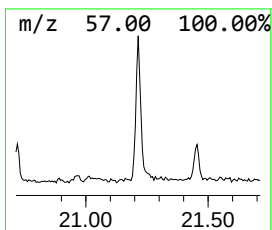
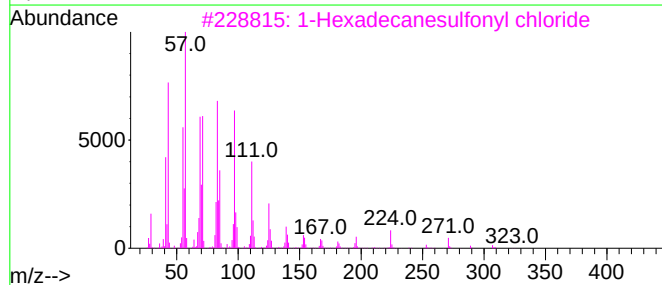
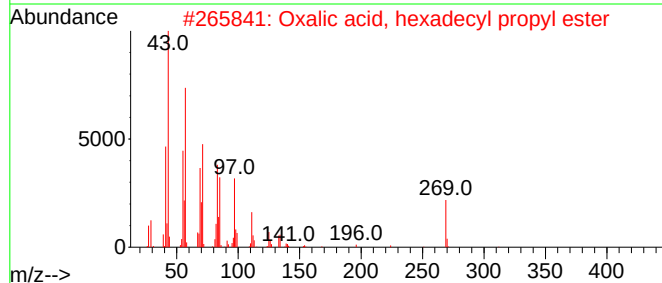
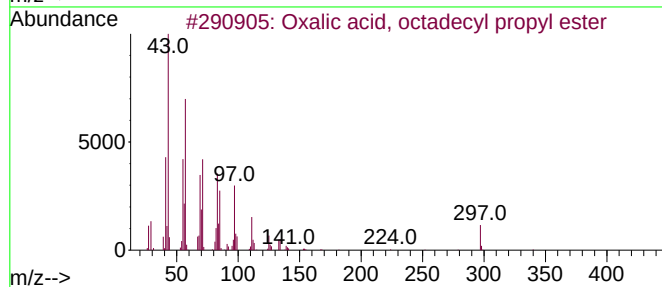
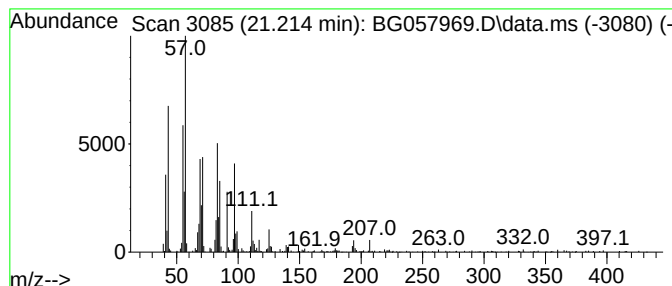
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Oxalic acid, octadecyl prop... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.214 | 8.67 ng/ul | 400240 | Chrysene-d12     | 21.566 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Oxalic acid, octadecyl propyl ester | 384 | C23H44O4    | 1000309-27-0 | 91   |
| 2    |    |   | Oxalic acid, hexadecyl propyl ester | 356 | C21H40O4    | 1000309-26-9 | 91   |
| 3    |    |   | 1-Hexadecanesulfonyl chloride       | 324 | C16H33ClO2S | 038775-38-1  | 91   |
| 4    |    |   | Hexacosyl pentafluoropropionate     | 528 | C29H53F5O2  | 1000351-81-2 | 90   |
| 5    |    |   | Heptacosyl pentafluoropropionate    | 542 | C30H55F5O2  | 1000351-81-6 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057969.D  
Acq On : 4 Jul 2023 00:45  
Operator : CG/JU  
Sample : 03246-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGJ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

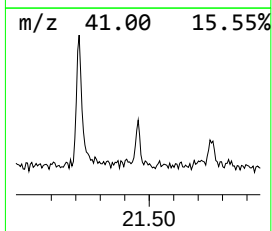
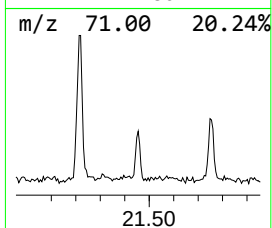
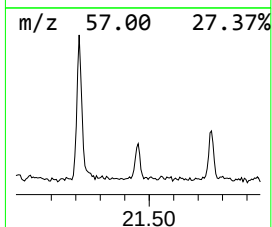
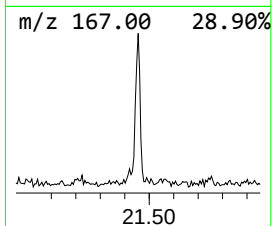
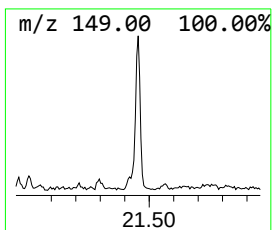
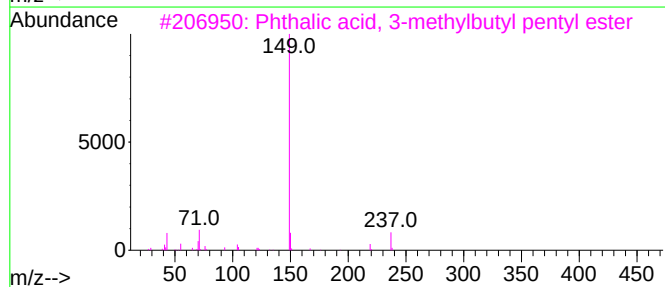
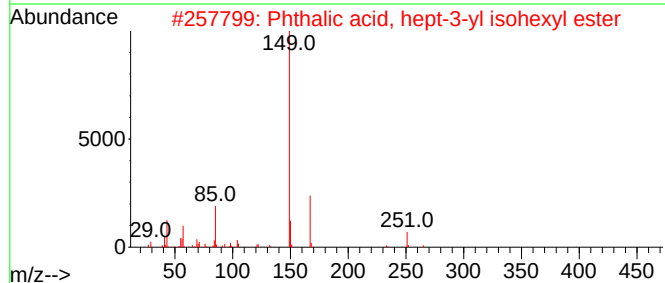
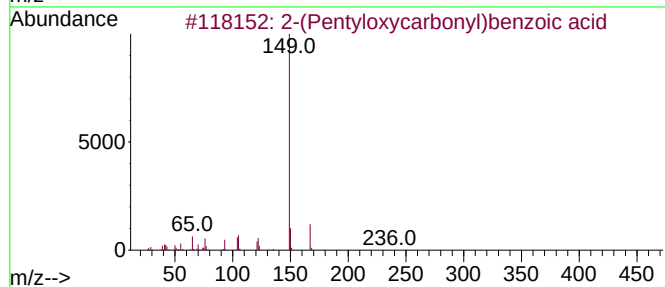
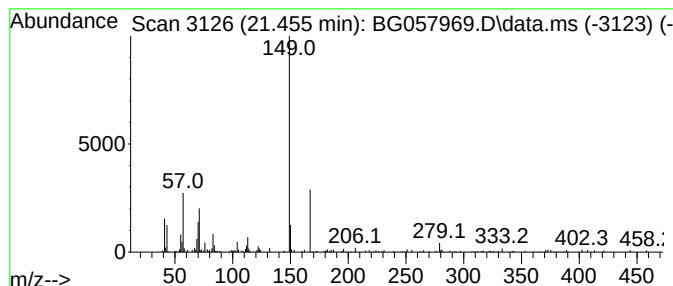
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 2-(Pentylloxycarbonyl)benzoic acid Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.455 | 2.17 ng/ul | 100138 | Chrysene-d12     | 21.566 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 2-(Pentylloxycarbonyl)benzoic acid  | 236 | C13H16O4   | 024539-56-8  | 59   |
| 2    |    |   | Phthalic acid, hept-3-yl isohexy... | 348 | C21H32O4   | 1000356-98-9 | 59   |
| 3    |    |   | Phthalic acid, 3-methylbutyl pen... | 306 | C18H26O4   | 1000356-80-5 | 59   |
| 4    |    |   | Phthalic acid, 4-chlorophenyl 2-... | 388 | C22H25ClO4 | 1000315-51-6 | 59   |
| 5    |    |   | Phthalic acid, monocyclohexyl ester | 248 | C14H16O4   | 007517-36-4  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057969.D  
Acq On : 4 Jul 2023 00:45  
Operator : CG/JU  
Sample : 03246-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGJ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

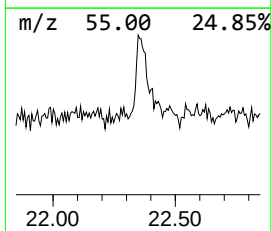
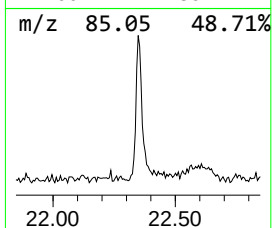
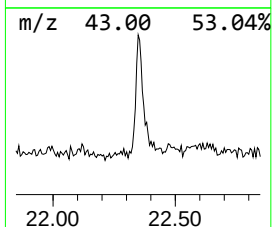
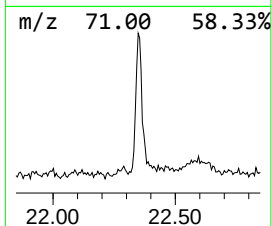
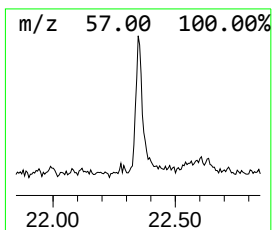
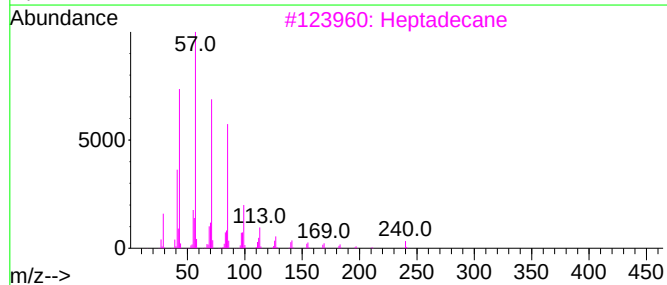
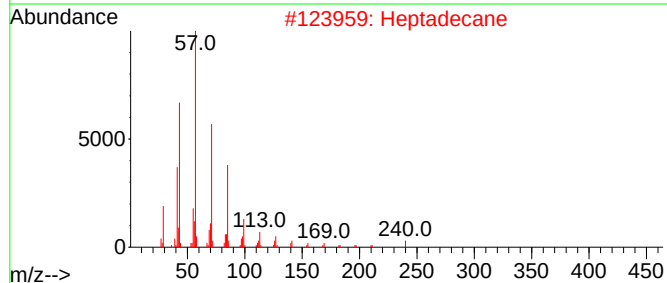
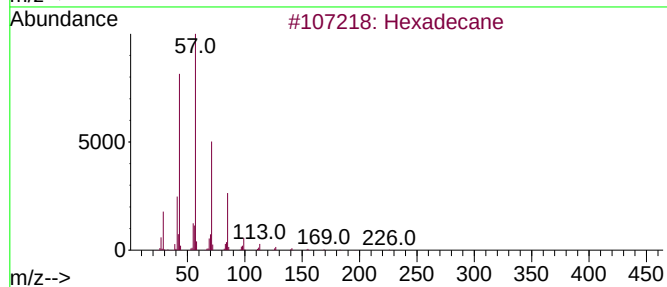
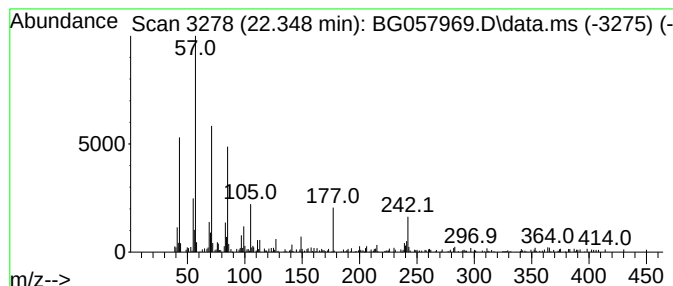
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.348 | 4.01 ng/ul | 185343 | Chrysene-d12     | 21.566 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 83   |
| 2    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 64   |
| 3    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 64   |
| 4    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 64   |
| 5    |      | Eicosane     | 282 | C20H42  | 000112-95-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057969.D  
Acq On : 4 Jul 2023 00:45  
Operator : CG/JU  
Sample : 03246-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGJ8

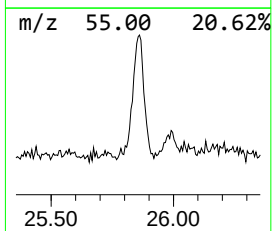
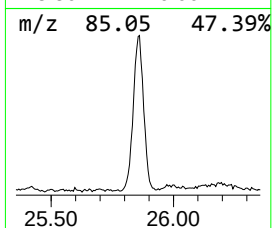
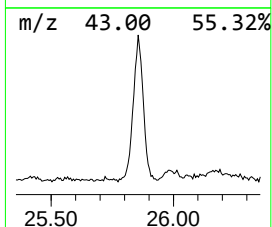
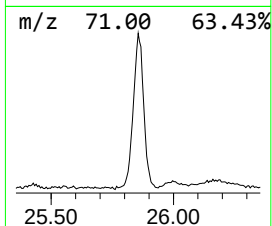
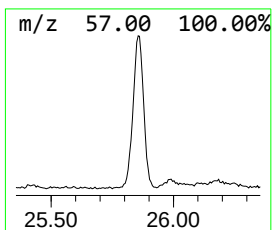
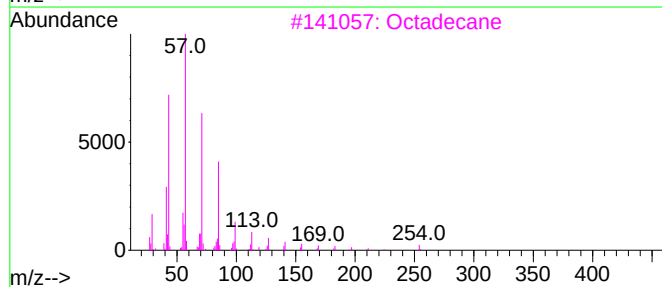
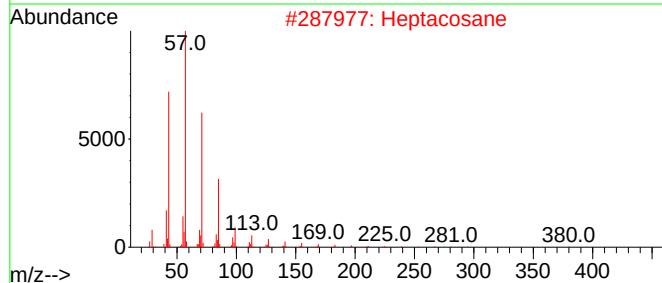
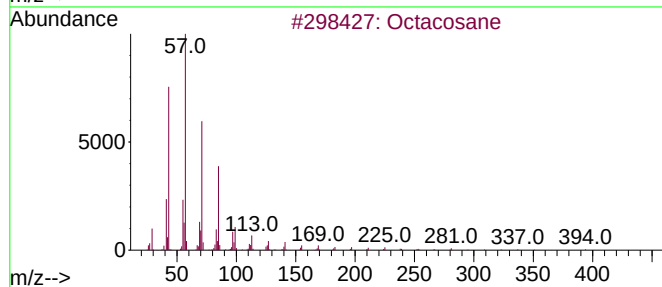
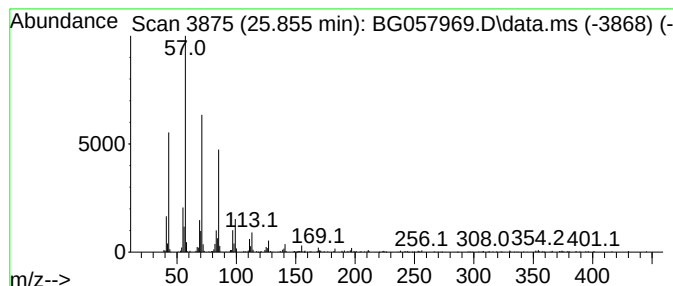
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.      | EstConc               | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|--------|------------------|---------|-------------|------|
| 25.855    | 15.95 ng/ul           | 700485 | Perylene-d12     |         | 24.733      |      |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm | CAS#        | Qual |
| 1         | Octacosane            |        | 394              | C28H58  | 000630-02-4 | 98   |
| 2         | Heptacosane           |        | 380              | C27H56  | 000593-49-7 | 98   |
| 3         | Octadecane            |        | 254              | C18H38  | 000593-45-3 | 94   |
| 4         | Pentadecane, 8-hexyl- |        | 296              | C21H44  | 013475-75-7 | 93   |
| 5         | Eicosane, 10-methyl-  |        | 296              | C21H44  | 054833-23-7 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057969.D  
Acq On : 4 Jul 2023 00:45  
Operator : CG/JU  
Sample : 03246-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGJ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.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... | 3.111  | 125.7   | ng/ul | 1863560  | 1                     | 7.941  | 296619 | 20.0 |
| 4-Cyclopentene-... | 5.697  | 2.8     | ng/ul | 41054    | 1                     | 7.941  | 296619 | 20.0 |
| Benzophenone       | 15.926 | 7.8     | ng/ul | 269400   | 3                     | 14.575 | 687603 | 20.0 |
| n-Hexadecanoic ... | 18.200 | 15.7    | ng/ul | 630752   | 4                     | 17.313 | 801434 | 20.0 |
| Octadecanoic acid  | 19.469 | 3.6     | ng/ul | 167952   | 5                     | 21.566 | 923344 | 20.0 |
| Oxalic acid, oc... | 21.214 | 8.7     | ng/ul | 400240   | 5                     | 21.566 | 923344 | 20.0 |
| 2-(Pentyloxyar...  | 21.455 | 2.2     | ng/ul | 100138   | 5                     | 21.566 | 923344 | 20.0 |
| (DEL) Alkane: S... | 22.348 | 4.0     | ng/ul | 185343   | 5                     | 21.566 | 923344 | 20.0 |
| (DEL) Alkane: S... | 25.855 | 15.9    | ng/ul | 700485   | 6                     | 24.733 | 878518 | 20.0 |