

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
 Data File : BG057995.D  
 Acq On : 4 Jul 2023 20:23  
 Operator : CG/JU  
 Sample : 03247-07  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGL3

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: BG057995.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         | 3.118       | 3             | 5           | 25           | rVB      | 1460294        | 1759954       | 100.00%         | 11.824%       |
| 2         | 3.377       | 46            | 49          | 60           | rVB3     | 6512           | 10465         | 0.59%           | 0.070%        |
| 3         | 3.800       | 117           | 121         | 128          | rBV6     | 6492           | 11487         | 0.65%           | 0.077%        |
| 4         | 3.899       | 134           | 138         | 144          | rBV2     | 8297           | 11439         | 0.65%           | 0.077%        |
| 5         | 4.023       | 154           | 159         | 165          | rVB2     | 11599          | 19210         | 1.09%           | 0.129%        |
| 6         | 4.129       | 174           | 177         | 182          | rVB3     | 2872           | 4271          | 0.24%           | 0.029%        |
| 7         | 4.346       | 209           | 214         | 219          | rVB2     | 10651          | 14894         | 0.85%           | 0.100%        |
| 8         | 4.493       | 234           | 239         | 241          | rBV4     | 2287           | 4078          | 0.23%           | 0.027%        |
| 9         | 4.757       | 278           | 284         | 291          | rVB7     | 3362           | 6518          | 0.37%           | 0.044%        |
| 10        | 5.039       | 325           | 332         | 338          | rBV4     | 2929           | 6612          | 0.38%           | 0.044%        |
| 11        | 5.122       | 342           | 346         | 350          | rBV5     | 3019           | 5526          | 0.31%           | 0.037%        |
| 12        | 5.268       | 366           | 371         | 374          | rBV6     | 2099           | 3761          | 0.21%           | 0.025%        |
| 13        | 5.304       | 374           | 377         | 381          | rVB2     | 1262           | 2069          | 0.12%           | 0.014%        |
| 14        | 5.386       | 387           | 391         | 395          | rBV5     | 1638           | 2634          | 0.15%           | 0.018%        |
| 15        | 6.943       | 651           | 656         | 660          | rVV3     | 2117           | 4244          | 0.24%           | 0.029%        |
| 16        | 6.990       | 660           | 664         | 668          | rVB4     | 1067           | 1957          | 0.11%           | 0.013%        |
| 17        | 7.107       | 675           | 684         | 696          | rBV      | 92461          | 162275        | 9.22%           | 1.090%        |
| 18        | 7.266       | 704           | 711         | 720          | rBV      | 78867          | 129281        | 7.35%           | 0.869%        |
| 19        | 7.472       | 740           | 746         | 755          | rBV      | 93253          | 159392        | 9.06%           | 1.071%        |
| 20        | 7.554       | 757           | 760         | 766          | rVB3     | 2285           | 3505          | 0.20%           | 0.024%        |
| 21        | 7.942       | 819           | 826         | 835          | rVB      | 163686         | 271376        | 15.42%          | 1.823%        |
| 22        | 8.441       | 905           | 911         | 915          | rBV2     | 2180           | 3365          | 0.19%           | 0.023%        |
| 23        | 8.647       | 939           | 946         | 957          | rBV      | 76938          | 135661        | 7.71%           | 0.911%        |
| 24        | 8.764       | 959           | 966         | 977          | rBV3     | 12605          | 24006         | 1.36%           | 0.161%        |
| 25        | 9.099       | 1014          | 1023        | 1031         | rBV      | 93431          | 167533        | 9.52%           | 1.126%        |
| 26        | 9.217       | 1039          | 1043        | 1047         | rBV2     | 2766           | 4753          | 0.27%           | 0.032%        |
| 27        | 9.258       | 1047          | 1050        | 1055         | rVB4     | 4543           | 5773          | 0.33%           | 0.039%        |
| 28        | 9.822       | 1139          | 1146        | 1154         | rVB2     | 71973          | 130937        | 7.44%           | 0.880%        |
| 29        | 9.986       | 1166          | 1174        | 1181         | rBV4     | 4732           | 11525         | 0.65%           | 0.077%        |
| 30        | 10.057      | 1181          | 1186        | 1188         | rVB5     | 1766           | 2967          | 0.17%           | 0.020%        |
| 31        | 10.180      | 1202          | 1207        | 1213         | rVB4     | 1916           | 3342          | 0.19%           | 0.022%        |
| 32        | 10.368      | 1232          | 1239        | 1248         | rBV      | 118179         | 206938        | 11.76%          | 1.390%        |
| 33        | 10.744      | 1295          | 1303        | 1311         | rBV      | 260712         | 453638        | 25.78%          | 3.048%        |
| 34        | 10.880      | 1320          | 1326        | 1343         | rVB      | 59287          | 113894        | 6.47%           | 0.765%        |
| 35        | 11.273      | 1389          | 1393        | 1401         | rVB3     | 1792           | 2792          | 0.16%           | 0.019%        |
| 36        | 11.538      | 1431          | 1438        | 1441         | rBV3     | 4228           | 7419          | 0.42%           | 0.050%        |

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Peak separation: 5

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 11.684 | 1461 | 1463 | 1470 | rVB4 | 2087 | 3087 | 0.18% | 0.021% |
| 38 | 11.755 | 1470 | 1475 | 1480 | rBV2 | 1149 | 2312 | 0.13% | 0.016% |
| 39 | 12.331 | 1566 | 1573 | 1578 | rVB3 | 2005 | 3735 | 0.21% | 0.025% |
| 40 | 12.930 | 1671 | 1675 | 1682 | rVB2 | 2573 | 4089 | 0.23% | 0.027% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 13.183 | 1712 | 1718 | 1722 | rVB3 | 2995   | 4131   | 0.23%  | 0.028% |
| 42 | 13.394 | 1750 | 1754 | 1758 | rVB3 | 1585   | 2331   | 0.13%  | 0.016% |
| 43 | 13.459 | 1762 | 1765 | 1769 | rBV3 | 4923   | 8263   | 0.47%  | 0.056% |
| 44 | 13.976 | 1847 | 1853 | 1861 | rBV  | 223128 | 318298 | 18.09% | 2.138% |
| 45 | 14.211 | 1890 | 1893 | 1896 | rBV4 | 1616   | 2041   | 0.12%  | 0.014% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 46 | 14.270 | 1896 | 1903 | 1914 | rVB  | 256283 | 396945 | 22.55% | 2.667% |
| 47 | 14.464 | 1932 | 1936 | 1939 | rBV2 | 2066   | 2694   | 0.15%  | 0.018% |
| 48 | 14.575 | 1948 | 1955 | 1963 | rBV  | 398681 | 623884 | 35.45% | 4.192% |
| 49 | 14.775 | 1982 | 1989 | 2000 | rBV2 | 74065  | 138938 | 7.89%  | 0.933% |
| 50 | 14.922 | 2009 | 2014 | 2019 | rVB4 | 6583   | 9440   | 0.54%  | 0.063% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 14.975 | 2019 | 2023 | 2028 | rBV5 | 6762   | 10320  | 0.59%  | 0.069% |
| 52 | 15.357 | 2083 | 2088 | 2091 | rBV4 | 2685   | 3532   | 0.20%  | 0.024% |
| 53 | 15.410 | 2093 | 2097 | 2099 | rVB3 | 2003   | 2499   | 0.14%  | 0.017% |
| 54 | 15.480 | 2105 | 2109 | 2112 | rBV4 | 1933   | 3031   | 0.17%  | 0.020% |
| 55 | 15.562 | 2115 | 2123 | 2133 | rBV  | 340718 | 513512 | 29.18% | 3.450% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 56 | 15.680 | 2138 | 2143 | 2151 | rVB  | 67477 | 100606 | 5.72% | 0.676% |
| 57 | 15.927 | 2179 | 2185 | 2190 | rBV  | 55913 | 78285  | 4.45% | 0.526% |
| 58 | 16.015 | 2195 | 2200 | 2201 | rVB3 | 1982  | 2389   | 0.14% | 0.016% |
| 59 | 16.032 | 2201 | 2203 | 2206 | rBV2 | 1574  | 2026   | 0.12% | 0.014% |
| 60 | 16.261 | 2238 | 2242 | 2243 | rBV4 | 2633  | 2987   | 0.17% | 0.020% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 16.414 | 2263 | 2268 | 2272 | rBV4 | 11842 | 19209 | 1.09% | 0.129% |
| 62 | 16.573 | 2290 | 2295 | 2297 | rBV5 | 2134  | 4015  | 0.23% | 0.027% |
| 63 | 16.667 | 2308 | 2311 | 2314 | rBV4 | 2091  | 2726  | 0.15% | 0.018% |
| 64 | 16.708 | 2314 | 2318 | 2324 | rBV4 | 18398 | 27194 | 1.55% | 0.183% |
| 65 | 17.008 | 2366 | 2369 | 2370 | rBV3 | 2099  | 2375  | 0.13% | 0.016% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 17.061 | 2374 | 2378 | 2382 | rVV5 | 6378   | 10332  | 0.59%  | 0.069% |
| 67 | 17.125 | 2382 | 2389 | 2393 | rVV7 | 4237   | 11632  | 0.66%  | 0.078% |
| 68 | 17.202 | 2395 | 2402 | 2407 | rBV5 | 28315  | 49670  | 2.82%  | 0.334% |
| 69 | 17.266 | 2410 | 2413 | 2416 | rVV3 | 25446  | 35002  | 1.99%  | 0.235% |
| 70 | 17.319 | 2416 | 2422 | 2428 | rVV  | 496054 | 767124 | 43.59% | 5.154% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 71 | 17.413 | 2432 | 2438 | 2446 | rVV  | 285413 | 456128 | 25.92% | 3.065% |
| 72 | 17.478 | 2446 | 2449 | 2456 | rVV6 | 13499  | 24149  | 1.37%  | 0.162% |
| 73 | 17.525 | 2456 | 2457 | 2461 | rVB4 | 3228   | 2606   | 0.15%  | 0.018% |
| 74 | 17.589 | 2465 | 2468 | 2471 | rVV5 | 3784   | 4441   | 0.25%  | 0.030% |
| 75 | 17.689 | 2481 | 2485 | 2488 | rBV6 | 2157   | 3535   | 0.20%  | 0.024% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 17.801 | 2501 | 2504 | 2508 | rBV5 | 4437 | 7143 | 0.41% | 0.048% |
|----|--------|------|------|------|------|------|------|-------|--------|

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|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 17.942 | 2524 | 2528 | 2530 | rBV5 | 6506   | 7344    | 0.42%  | 0.049% |
| 78  | 17.971 | 2530 | 2533 | 2540 | rVB8 | 7816   | 12322   | 0.70%  | 0.083% |
| 79  | 18.077 | 2546 | 2551 | 2557 | rBV4 | 28039  | 51450   | 2.92%  | 0.346% |
| 80  | 18.142 | 2557 | 2562 | 2567 | rBV2 | 27543  | 41489   | 2.36%  | 0.279% |
| 81  | 18.200 | 2567 | 2572 | 2582 | rBV  | 291545 | 427764  | 24.31% | 2.874% |
| 82  | 18.494 | 2619 | 2622 | 2626 | rBV4 | 12604  | 18596   | 1.06%  | 0.125% |
| 83  | 18.547 | 2626 | 2631 | 2636 | rVB4 | 16071  | 32380   | 1.84%  | 0.218% |
| 84  | 18.694 | 2653 | 2656 | 2659 | rBV5 | 8670   | 11594   | 0.66%  | 0.078% |
| 85  | 19.328 | 2761 | 2764 | 2765 | rBV2 | 14492  | 14734   | 0.84%  | 0.099% |
| 86  | 19.370 | 2766 | 2771 | 2775 | rVB  | 39894  | 77283   | 4.39%  | 0.519% |
| 87  | 19.469 | 2785 | 2788 | 2800 | rVB  | 56810  | 88784   | 5.04%  | 0.596% |
| 88  | 19.704 | 2822 | 2828 | 2837 | rBV  | 459702 | 725829  | 41.24% | 4.876% |
| 89  | 20.227 | 2915 | 2917 | 2922 | rVB3 | 28353  | 29350   | 1.67%  | 0.197% |
| 90  | 20.615 | 2980 | 2983 | 2988 | rVB2 | 27353  | 36094   | 2.05%  | 0.242% |
| 91  | 21.214 | 3081 | 3085 | 3088 | rBV  | 130953 | 197973  | 11.25% | 1.330% |
| 92  | 21.573 | 3140 | 3146 | 3152 | rBV2 | 429321 | 707570  | 40.20% | 4.754% |
| 93  | 22.348 | 3275 | 3278 | 3281 | rBV2 | 37398  | 60279   | 3.43%  | 0.405% |
| 94  | 23.817 | 3522 | 3528 | 3536 | rVB  | 147781 | 308430  | 17.52% | 2.072% |
| 95  | 24.522 | 3641 | 3648 | 3657 | rVB2 | 220327 | 579476  | 32.93% | 3.893% |
| 96  | 24.740 | 3677 | 3685 | 3697 | rVB  | 308617 | 877842  | 49.88% | 5.898% |
| 97  | 25.504 | 3808 | 3815 | 3825 | rVB4 | 207228 | 592061  | 33.64% | 3.978% |
| 98  | 25.862 | 3868 | 3876 | 3891 | rVB  | 158396 | 492619  | 27.99% | 3.310% |
| 99  | 28.800 | 4366 | 4376 | 4391 | rVB3 | 148664 | 608952  | 34.60% | 4.091% |
| 100 | 31.438 | 4816 | 4825 | 4843 | rVB5 | 274886 | 1347880 | 76.59% | 9.056% |

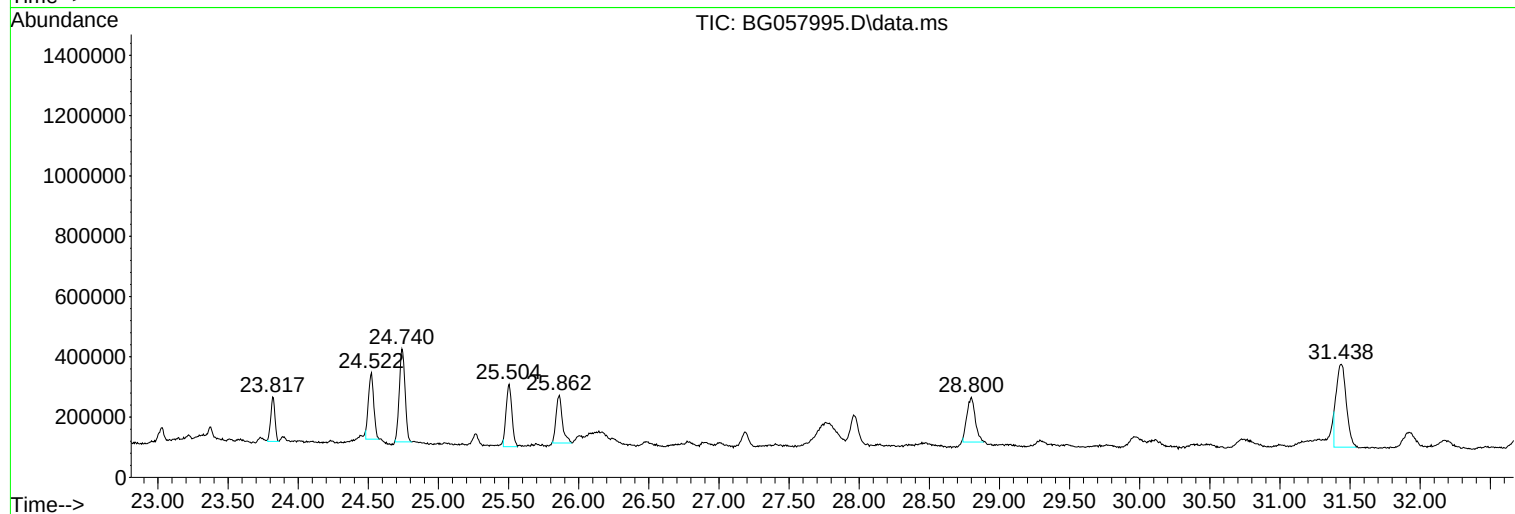
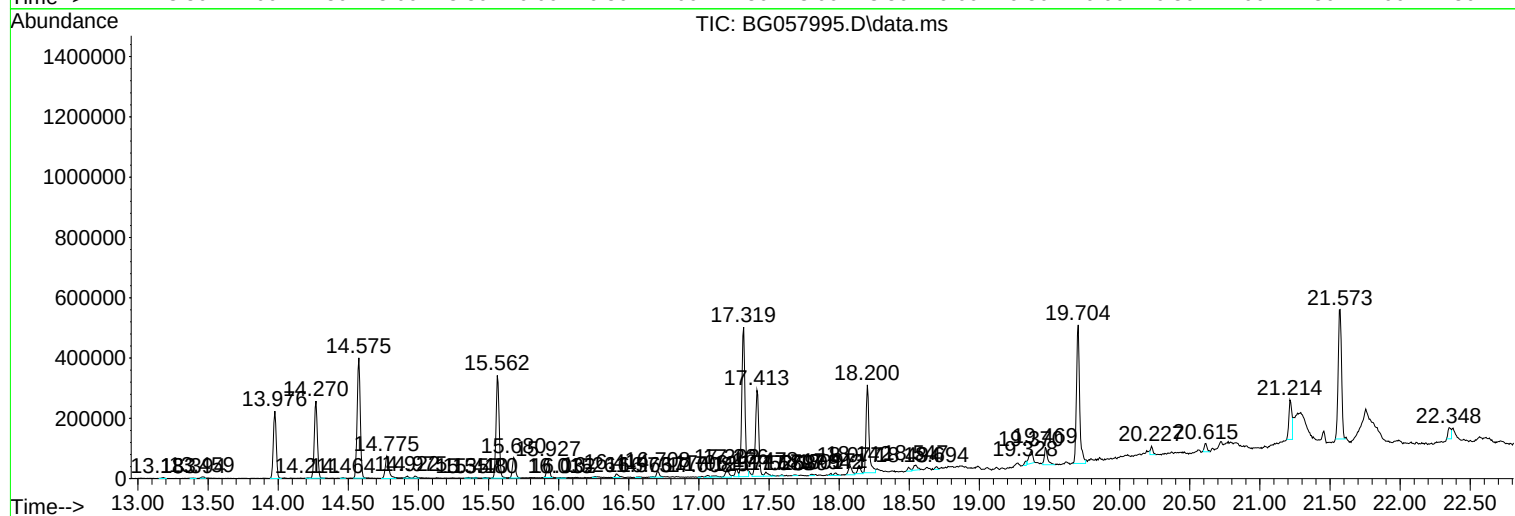
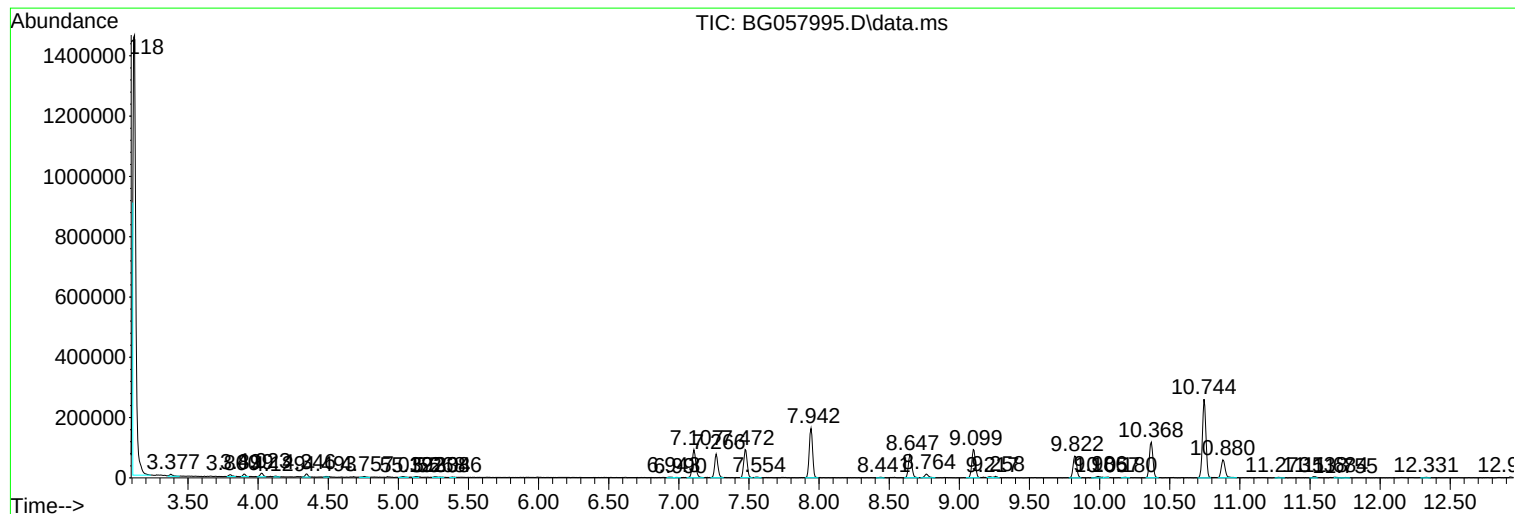
Sum of corrected areas: 14884242

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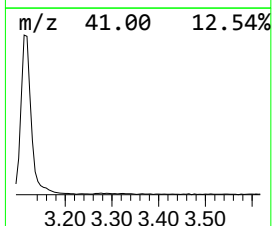
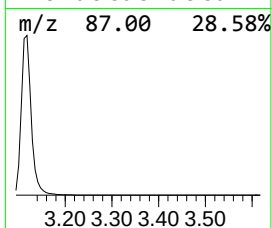
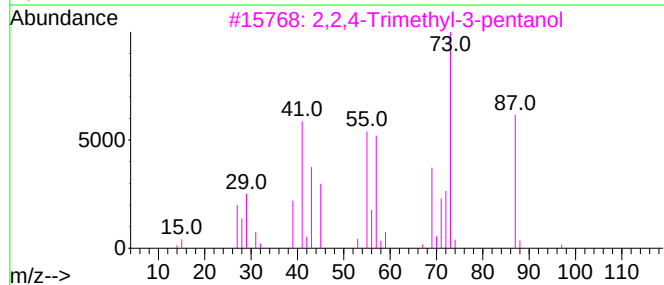
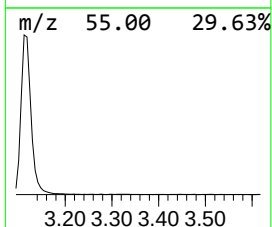
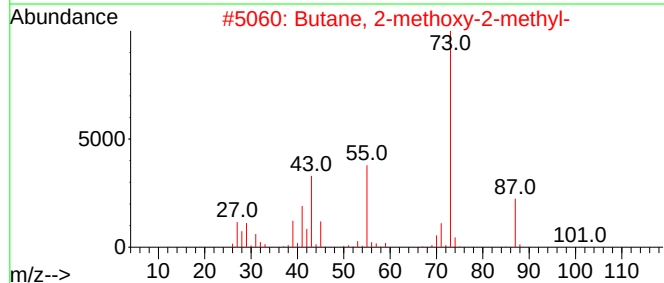
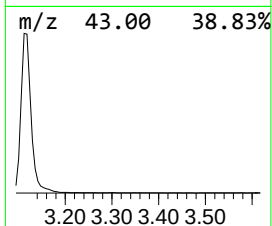
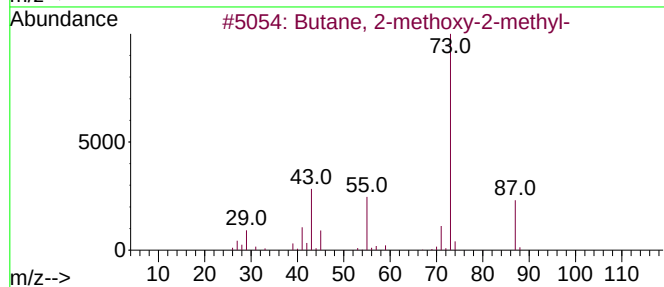
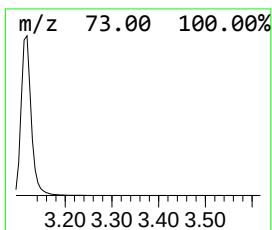
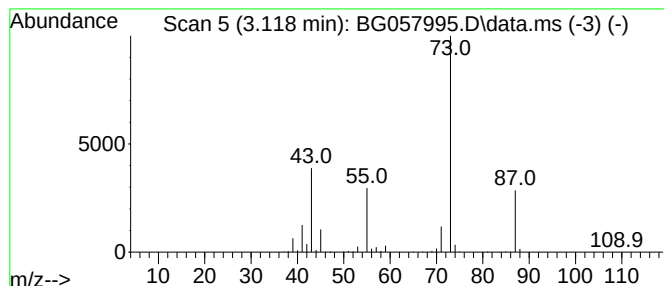
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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.  |
|-------|--------------|---------|------------------------|-------|
| 3.118 | 129.71 ng/ul | 1759950 | 1,4-Dichlorobenzene-d4 | 7.942 |

| Hit# | of                          | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-----------------------------|-----|--------------|-------------|---------|------|------|
| 1    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O       | 000994-05-8 | 72      |      |      |
| 2    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O       | 000994-05-8 | 42      |      |      |
| 3    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O       | 005162-48-1 | 38      |      |      |
| 4    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O       | 005162-48-1 | 28      |      |      |
| 5    | Silane, tetramethyl-        | 88  | C4H12Si      | 000075-76-3 | 23      |      |      |



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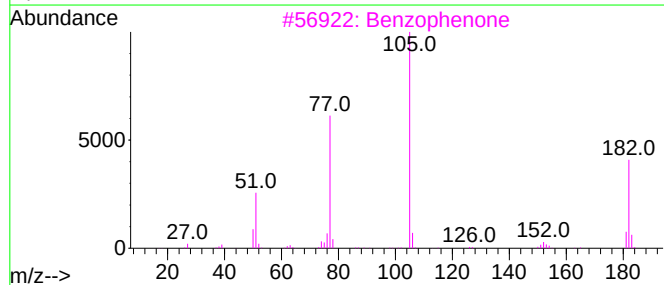
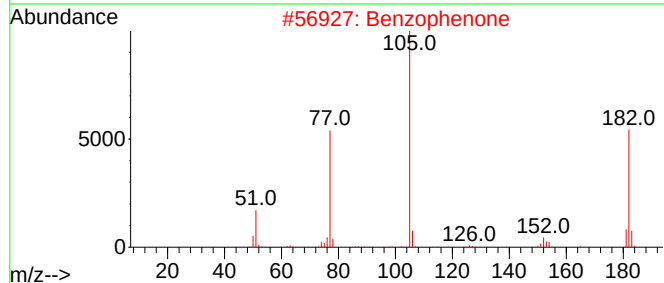
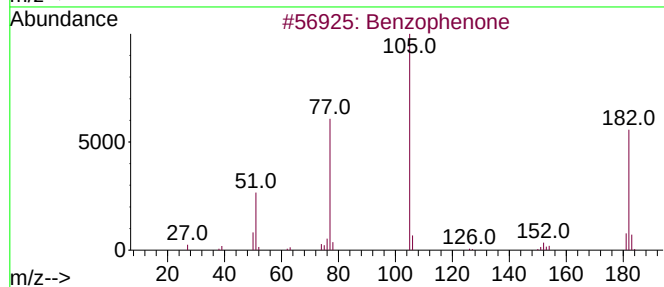
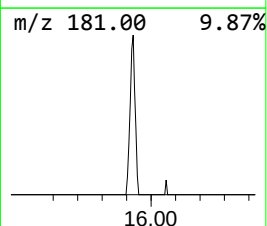
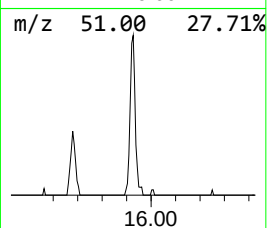
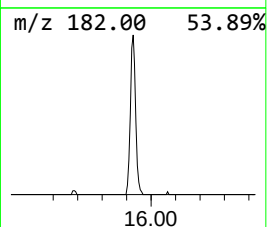
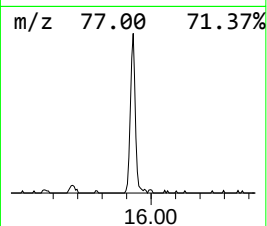
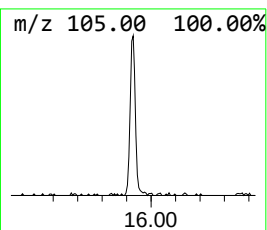
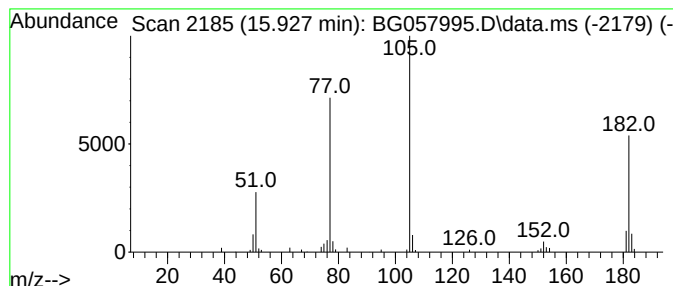
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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 9

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 15.927 | 2.51 ng/ul | 78285 | 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 | 95   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057995.D  
Acq On : 4 Jul 2023 20:23  
Operator : CG/JU  
Sample : 03247-07  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL3

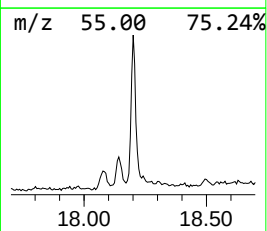
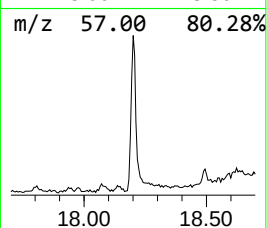
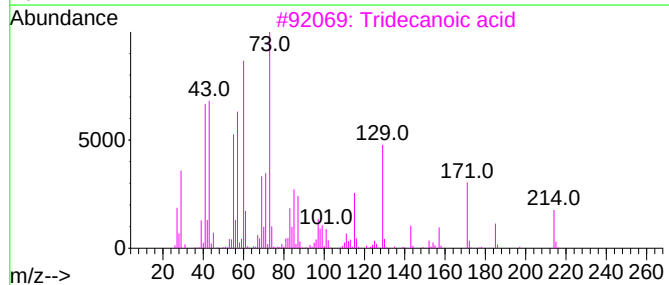
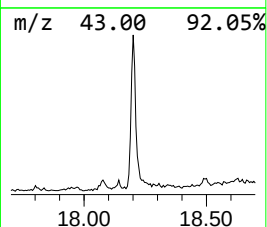
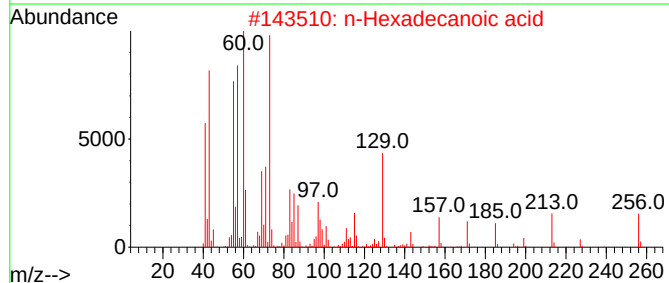
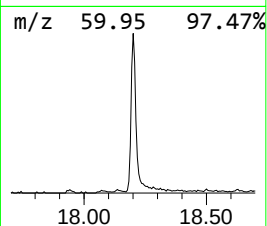
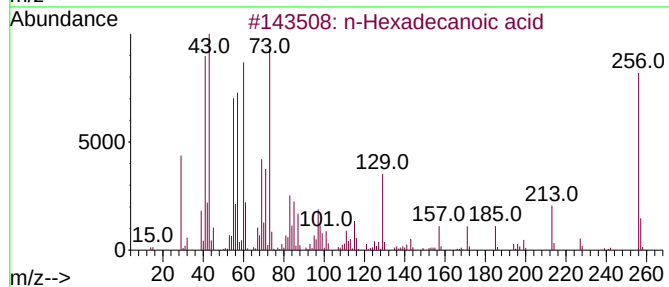
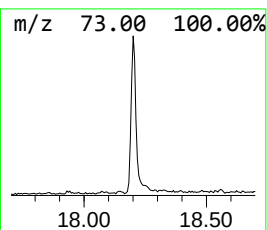
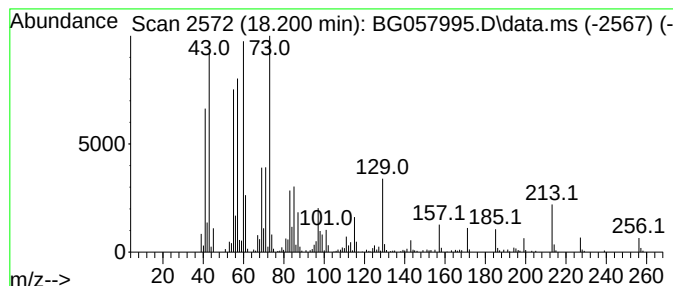
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 18.200    | 11.15 ng/ul         | 427764 | Phenanthrene-d10 | 17.319      |      |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 96   |
| 2         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 94   |
| 3         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 93   |
| 4         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 91   |
| 5         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057995.D  
Acq On : 4 Jul 2023 20:23  
Operator : CG/JU  
Sample : 03247-07  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL3

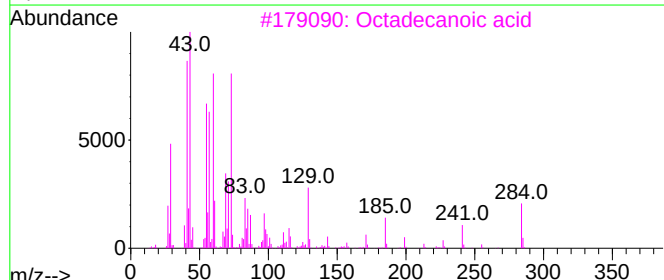
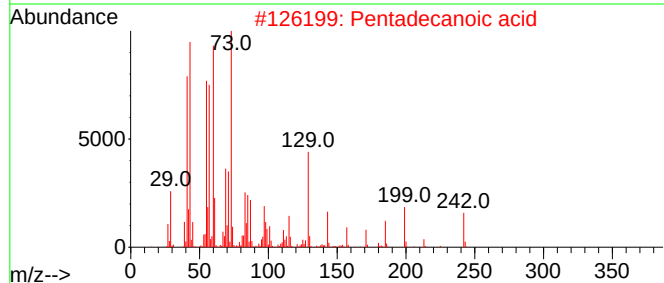
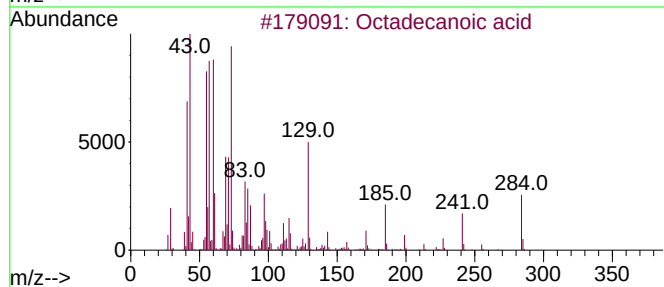
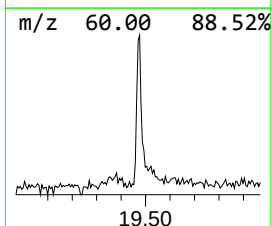
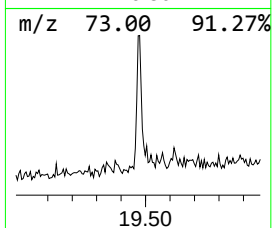
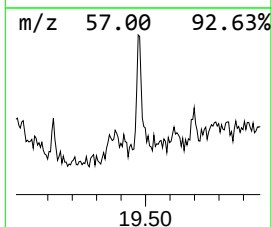
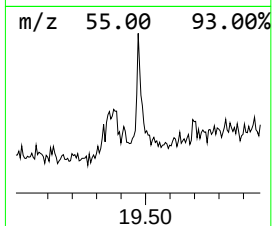
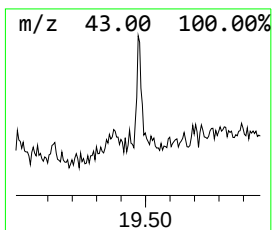
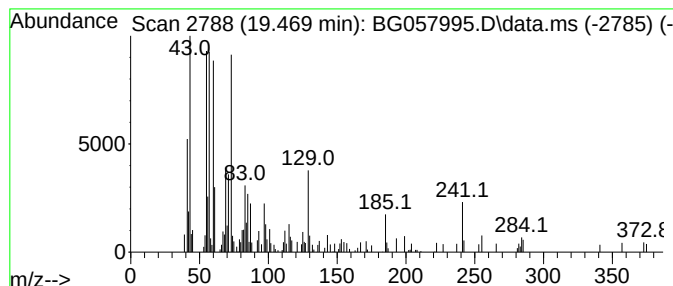
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Octadecanoic acid Concentration Rank 10

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 19.469 | 2.51 ng/ul | 88784 | Chrysene-d12     | 21.573 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 90   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 90   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057995.D  
Acq On : 4 Jul 2023 20:23  
Operator : CG/JU  
Sample : 03247-07  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
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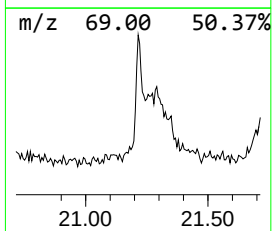
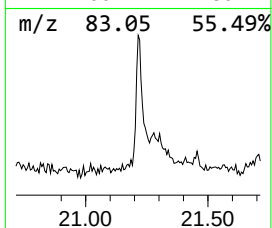
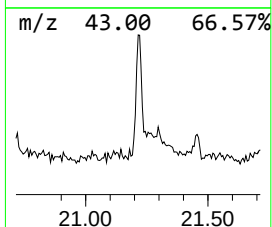
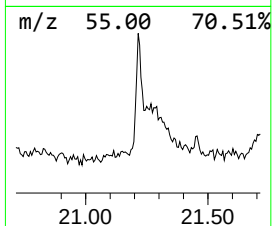
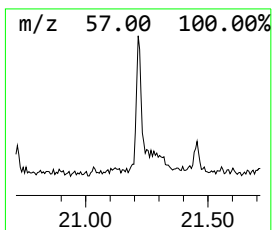
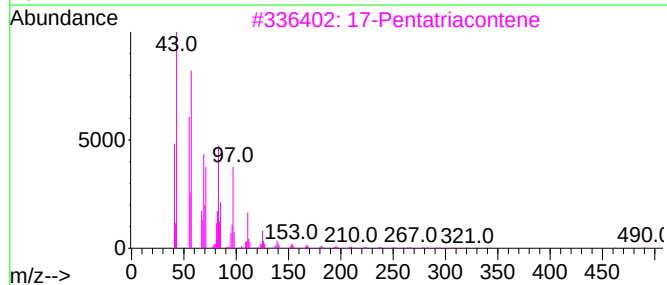
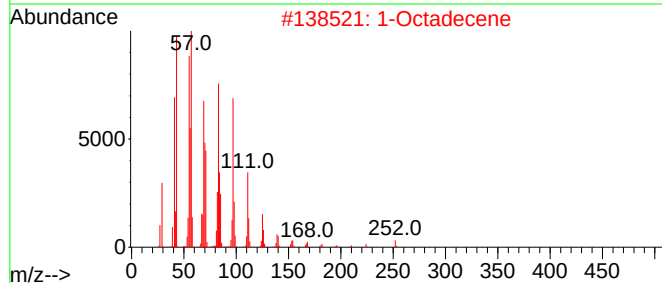
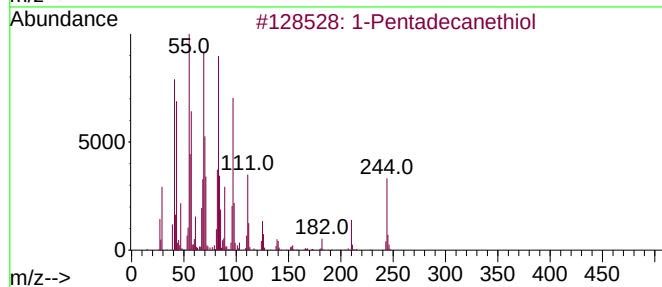
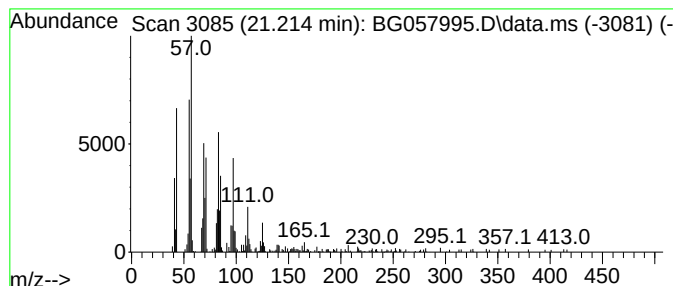
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 1-Pentadecanethiol Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.214 | 5.60 ng/ul | 197973 | Chrysene-d12     | 21.573 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm    | CAS#         | Qual |
|------|----|---|---------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Pentadecanethiol              | 244 | C15H32S    | 025276-70-4  | 93   |
| 2    |    |   | 1-Octadecene                    | 252 | C18H36     | 000112-88-9  | 92   |
| 3    |    |   | 17-Pentatriacontene             | 491 | C35H70     | 006971-40-0  | 91   |
| 4    |    |   | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 91   |
| 5    |    |   | Docosyl trifluoroacetate        | 422 | C24H45F3O2 | 1000351-75-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057995.D  
Acq On : 4 Jul 2023 20:23  
Operator : CG/JU  
Sample : 03247-07  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL3

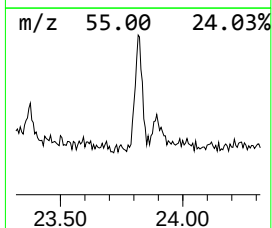
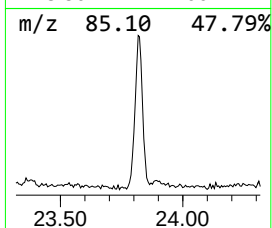
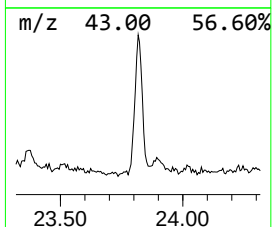
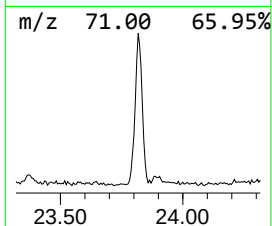
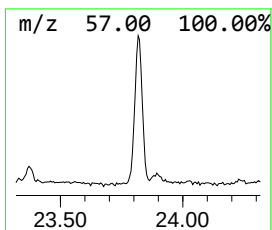
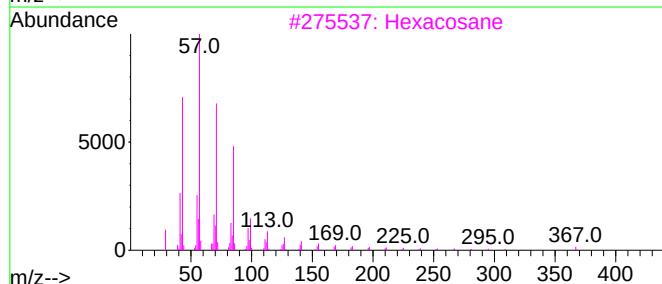
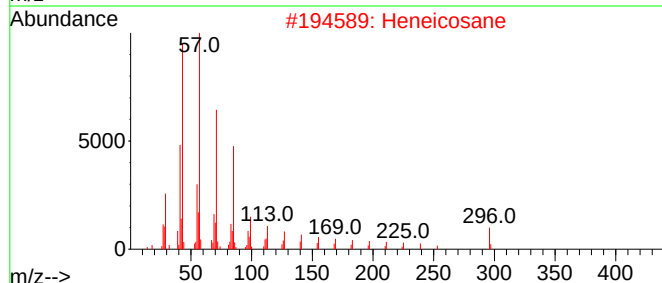
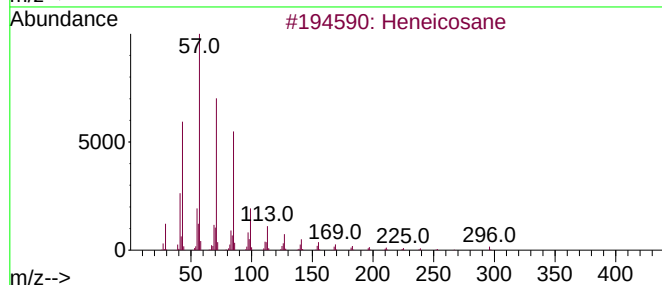
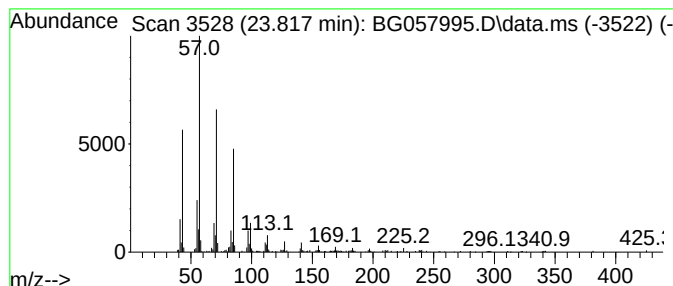
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Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.817 | 7.03 ng/ul | 308430 | Perylene-d12     | 24.740 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------|-----|---------|-------------|------|
| 1    |      | Heneicosane                    | 296 | C21H44  | 000629-94-7 | 97   |
| 2    |      | Heneicosane                    | 296 | C21H44  | 000629-94-7 | 94   |
| 3    |      | Hexacosane                     | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |      | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36  | 014905-56-7 | 91   |
| 5    |      | Tetracosane                    | 338 | C24H50  | 000646-31-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057995.D  
Acq On : 4 Jul 2023 20:23  
Operator : CG/JU  
Sample : 03247-07  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL3

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

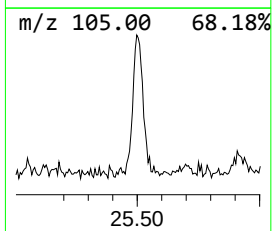
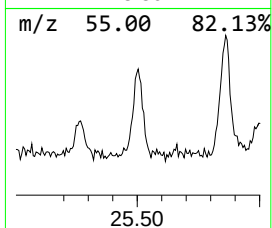
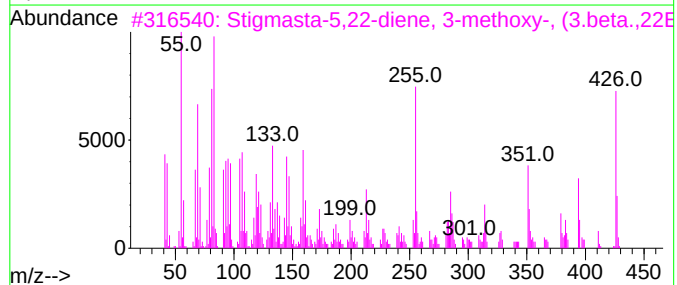
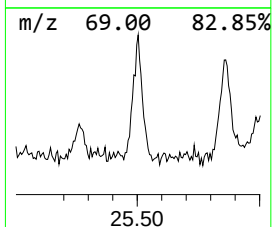
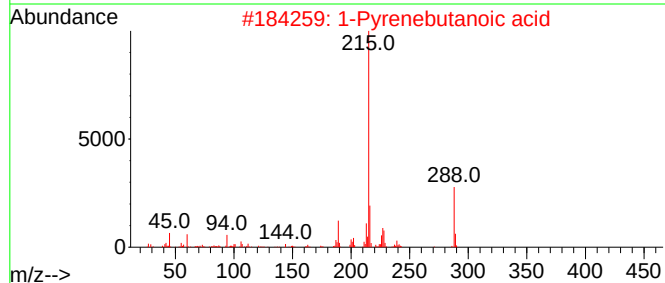
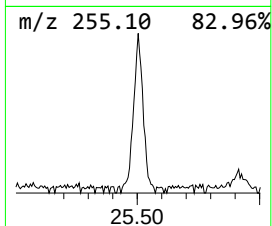
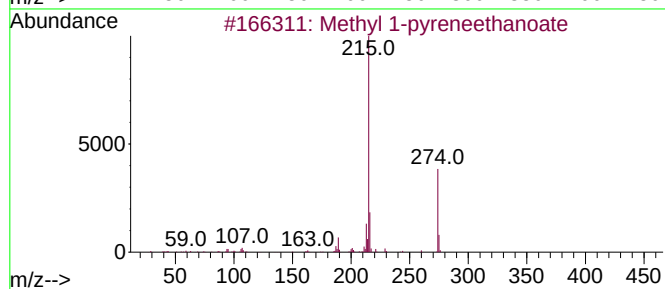
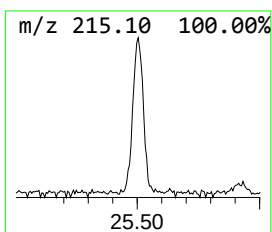
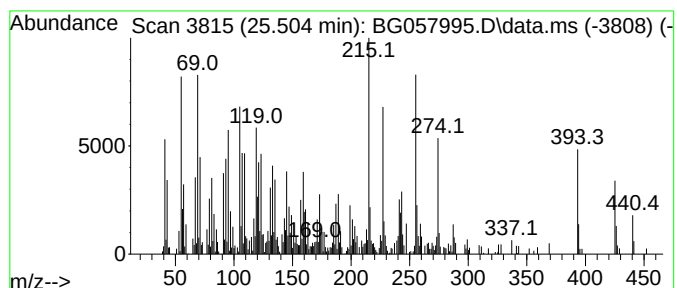
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Peak Number 7 unknown-01 Concentration Rank 4

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 25.503 | 13.49 ng/ul | 592061 | Perylene-d12     | 24.740 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Methyl 1-pyreneethanoate            | 274 | C19H14O2  | 073654-19-0  | 38   |
| 2    |    |   | 1-Pyrenebutanoic acid               | 288 | C20H16O2  | 003443-45-6  | 25   |
| 3    |    |   | Stigmasta-5,22-diene, 3-methoxy-... | 426 | C30H50O   | 010453-25-5  | 25   |
| 4    |    |   | methanamine, 1-(1,3-diethyl-1,3-... | 255 | C14H17N5  | 1000396-71-6 | 25   |
| 5    |    |   | 4-Nitro-1'-phenyl-1H,1'H-[3,4']b... | 255 | C12H9N5O2 | 1000296-49-3 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057995.D  
Acq On : 4 Jul 2023 20:23  
Operator : CG/JU  
Sample : 03247-07  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL3

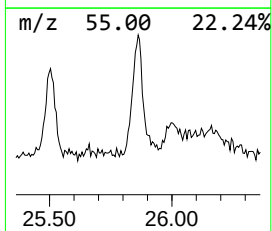
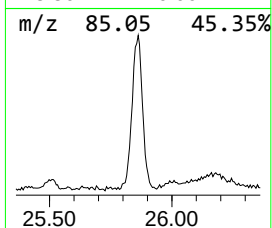
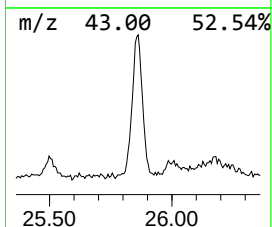
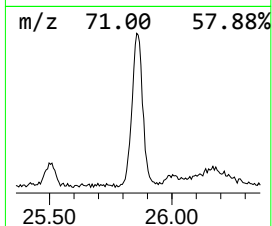
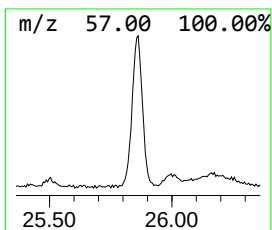
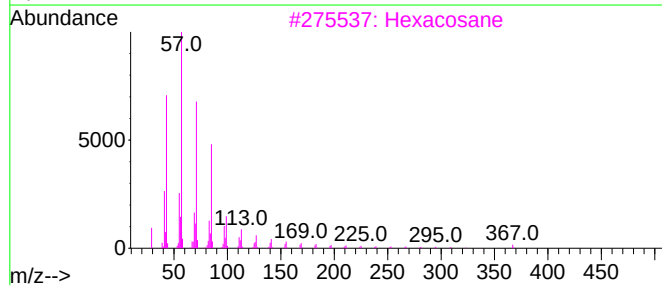
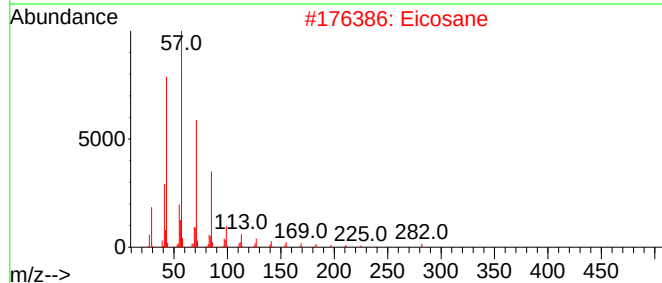
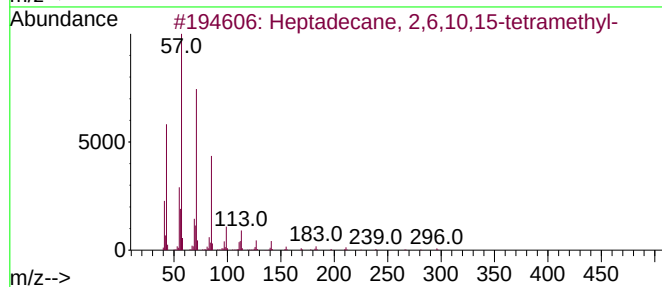
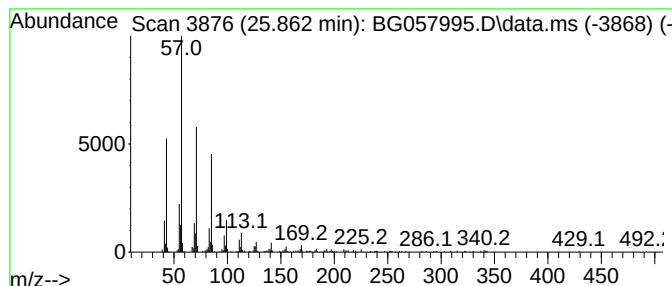
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Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 25.862 | 11.22 ng/ul | 492619 | Perylene-d12     | 24.740 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 91   |
| 2    |      | Eicosane                            | 282 | C20H42  | 000112-95-8 | 91   |
| 3    |      | Hexacosane                          | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |      | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |      | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057995.D  
Acq On : 4 Jul 2023 20:23  
Operator : CG/JU  
Sample : 03247-07  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL3

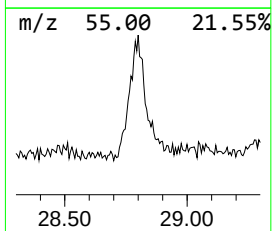
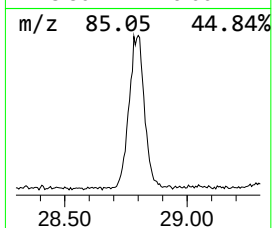
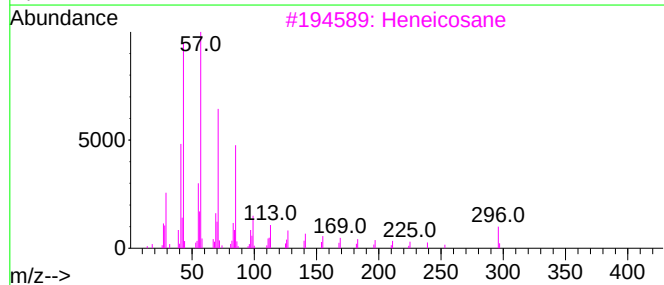
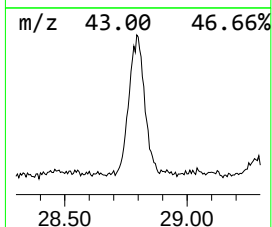
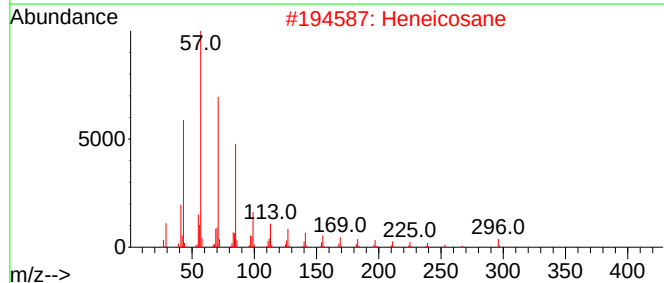
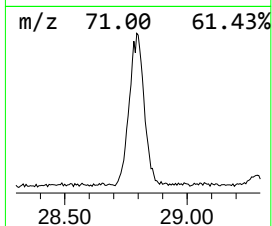
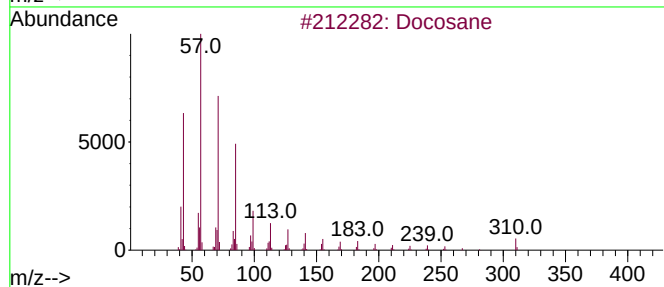
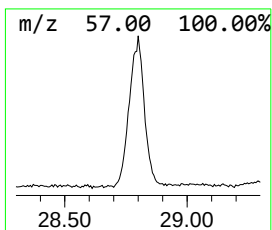
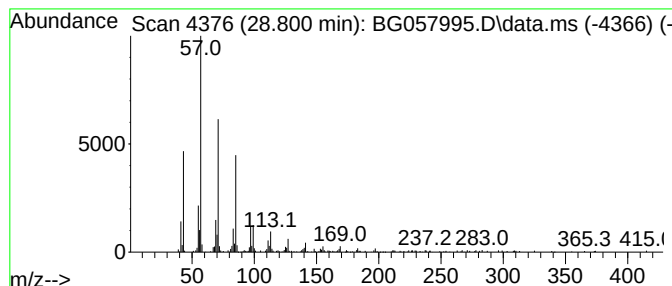
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 28.800 | 13.87 ng/ul | 608952 | Perylene-d12     | 24.740 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Docosane           | 310 | C22H46  | 000629-97-0 | 95   |
| 2    |    |   | Heneicosane        | 296 | C21H44  | 000629-94-7 | 94   |
| 3    |    |   | Heneicosane        | 296 | C21H44  | 000629-94-7 | 93   |
| 4    |    |   | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 93   |
| 5    |    |   | triacontane        | 422 | C30H62  | 000638-68-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057995.D  
Acq On : 4 Jul 2023 20:23  
Operator : CG/JU  
Sample : 03247-07  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL3

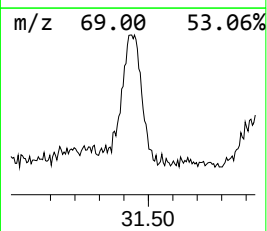
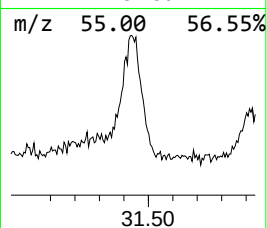
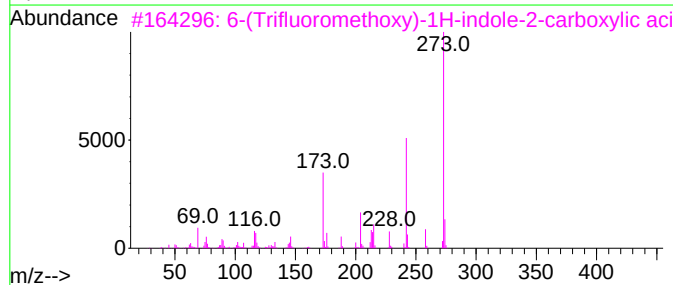
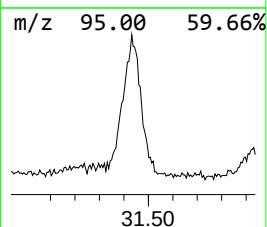
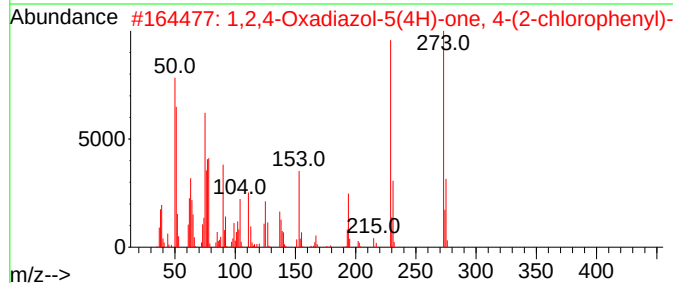
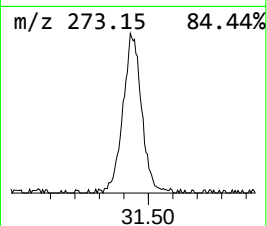
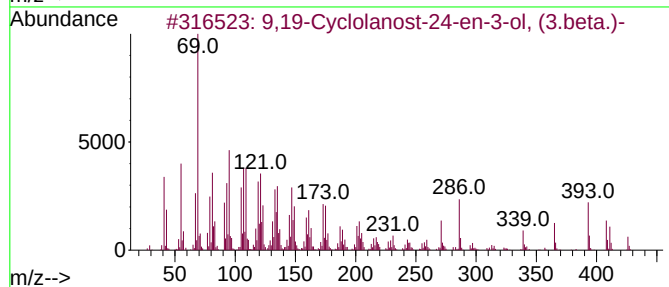
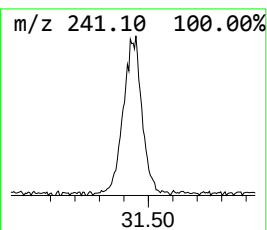
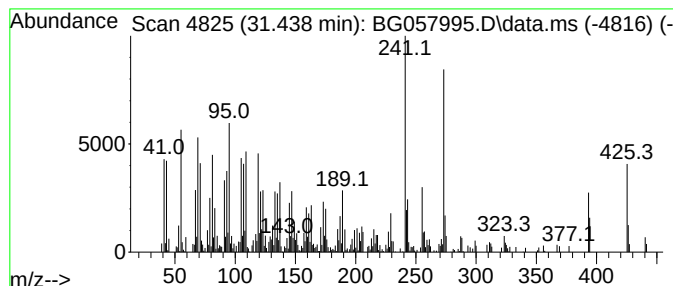
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 10 unknown-02 Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 31.438 | 30.71 ng/ul | 1347880 | Perylene-d12     | 24.740 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 9,19-Cyclolanost-24-en-3-ol, (3...  | 426 | C30H50O      | 000469-38-5  | 41      |      |      |
| 2    | 1,2,4-Oxadiazol-5(4H)-one, 4-(2-... | 273 | C13H8ClN3O2  | 288246-55-9  | 25      |      |      |
| 3    | 6-(Trifluoromethoxy)-1H-indole-2... | 273 | C12H10F3NO3  | 1000499-75-7 | 25      |      |      |
| 4    | Phenol, 2,6-dimethyl-, phosphite... | 394 | C24H27O3P    | 052830-49-6  | 25      |      |      |
| 5    | Lupeol                              | 426 | C30H50O      | 000545-47-1  | 15      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057995.D  
Acq On : 4 Jul 2023 20:23  
Operator : CG/JU  
Sample : 03247-07  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL3

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... | 3.118  | 129.7   | ng/ul | 1759950  | 1                     | 7.942  | 271376 | 20.0 |
| Benzophenone       | 15.927 | 2.5     | ng/ul | 78285    | 3                     | 14.575 | 623884 | 20.0 |
| n-Hexadecanoic ... | 18.200 | 11.2    | ng/ul | 427764   | 4                     | 17.319 | 767124 | 20.0 |
| Octadecanoic acid  | 19.469 | 2.5     | ng/ul | 88784    | 5                     | 21.573 | 707570 | 20.0 |
| 1-Pentadecanethiol | 21.214 | 5.6     | ng/ul | 197973   | 5                     | 21.573 | 707570 | 20.0 |
| (DEL) Alkane: S... | 23.817 | 7.0     | ng/ul | 308430   | 6                     | 24.740 | 877842 | 20.0 |
| unknown-01         | 25.503 | 13.5    | ng/ul | 592061   | 6                     | 24.740 | 877842 | 20.0 |
| (DEL) Alkane: S... | 25.862 | 11.2    | ng/ul | 492619   | 6                     | 24.740 | 877842 | 20.0 |
| (DEL) Alkane: S... | 28.800 | 13.9    | ng/ul | 608952   | 6                     | 24.740 | 877842 | 20.0 |
| unknown-02         | 31.438 | 30.7    | ng/ul | 1347880  | 6                     | 24.740 | 877842 | 20.0 |