

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\  
 Data File : BG027551.D  
 Acq On : 20 Jun 2017 5:35  
 Operator : SJ/MA  
 Sample : I3625-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 F5A85

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 1

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
 Title : SVOA CALIBRATION

Signal : TIC

| 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         | 4.078       | 27            | 32          | 41           | rVB3     | 6553           | 12462         | 1.19%           | 0.095%        |
| 2         | 4.795       | 152           | 154         | 158          | rBV3     | 1091           | 1746          | 0.17%           | 0.013%        |
| 3         | 6.610       | 457           | 463         | 470          | rVB3     | 1838           | 3334          | 0.32%           | 0.025%        |
| 4         | 7.356       | 582           | 590         | 593          | rVB2     | 831            | 1679          | 0.16%           | 0.013%        |
| 5         | 7.456       | 602           | 607         | 611          | rBV4     | 2413           | 4496          | 0.43%           | 0.034%        |
| 6         | 7.656       | 626           | 641         | 656          | rBV      | 137018         | 271715        | 25.93%          | 2.065%        |
| 7         | 7.832       | 662           | 671         | 683          | rBV      | 107078         | 185339        | 17.69%          | 1.409%        |
| 8         | 8.050       | 700           | 708         | 718          | rVB      | 131595         | 237720        | 22.69%          | 1.807%        |
| 9         | 8.520       | 780           | 788         | 799          | rVB      | 117806         | 209961        | 20.04%          | 1.596%        |
| 10        | 8.849       | 839           | 844         | 856          | rBV5     | 1530           | 5537          | 0.53%           | 0.042%        |
| 11        | 9.195       | 890           | 903         | 913          | rVB      | 180873         | 324005        | 30.92%          | 2.463%        |
| 12        | 9.683       | 977           | 986         | 993          | rBV      | 131960         | 254787        | 24.32%          | 1.937%        |
| 13        | 9.736       | 993           | 995         | 1002         | rVB3     | 6841           | 10149         | 0.97%           | 0.077%        |
| 14        | 10.047      | 1043          | 1048        | 1052         | rBV4     | 2495           | 3554          | 0.34%           | 0.027%        |
| 15        | 10.147      | 1062          | 1065        | 1072         | rBV2     | 551            | 1460          | 0.14%           | 0.011%        |
| 16        | 10.406      | 1101          | 1109        | 1117         | rVB      | 116997         | 216746        | 20.69%          | 1.648%        |
| 17        | 10.940      | 1192          | 1200        | 1211         | rBV      | 176529         | 332097        | 31.70%          | 2.524%        |
| 18        | 11.340      | 1257          | 1268        | 1275         | rBV      | 187427         | 366935        | 35.02%          | 2.789%        |
| 19        | 11.463      | 1281          | 1289        | 1301         | rBV      | 165417         | 321572        | 30.69%          | 2.444%        |
| 20        | 12.068      | 1385          | 1392        | 1399         | rVB3     | 1099           | 3081          | 0.29%           | 0.023%        |
| 21        | 12.579      | 1473          | 1479        | 1483         | rBV3     | 727            | 1514          | 0.14%           | 0.012%        |
| 22        | 12.691      | 1493          | 1498        | 1502         | rBV2     | 1019           | 2153          | 0.21%           | 0.016%        |
| 23        | 12.762      | 1505          | 1510        | 1518         | rVB4     | 1165           | 2507          | 0.24%           | 0.019%        |
| 24        | 12.885      | 1526          | 1531        | 1538         | rBV2     | 2095           | 4124          | 0.39%           | 0.031%        |
| 25        | 12.956      | 1538          | 1543        | 1547         | rVB3     | 1454           | 2579          | 0.25%           | 0.020%        |
| 26        | 13.461      | 1622          | 1629        | 1638         | rVB5     | 2212           | 3874          | 0.37%           | 0.029%        |
| 27        | 13.696      | 1664          | 1669        | 1673         | rBV3     | 3117           | 3756          | 0.36%           | 0.029%        |
| 28        | 13.743      | 1673          | 1677        | 1688         | rVB3     | 2807           | 6111          | 0.58%           | 0.046%        |
| 29        | 13.896      | 1696          | 1703        | 1708         | rBV3     | 2543           | 4309          | 0.41%           | 0.033%        |
| 30        | 13.966      | 1712          | 1715        | 1722         | rVB2     | 1739           | 2585          | 0.25%           | 0.020%        |
| 31        | 14.489      | 1795          | 1804        | 1808         | rBV      | 366778         | 557007        | 53.16%          | 4.234%        |
| 32        | 14.536      | 1808          | 1812        | 1818         | rVB      | 123149         | 186213        | 17.77%          | 1.415%        |
| 33        | 14.659      | 1828          | 1833        | 1837         | rBV3     | 1397           | 2525          | 0.24%           | 0.019%        |
| 34        | 14.712      | 1837          | 1842        | 1846         | rBV4     | 1196           | 2064          | 0.20%           | 0.016%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 1

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 14.800 | 1849 | 1857 | 1869 | rVB  | 392501 | 630524 | 60.18% | 4.793% |
| 36 | 14.953 | 1874 | 1883 | 1888 | rBV2 | 14239  | 18909  | 1.80%  | 0.144% |
| 37 | 15.030 | 1893 | 1896 | 1901 | rVV5 | 1460   | 2005   | 0.19%  | 0.015% |
| 38 | 15.100 | 1901 | 1908 | 1916 | rVV2 | 315493 | 551590 | 52.65% | 4.193% |
| 39 | 15.165 | 1916 | 1919 | 1923 | rVB3 | 2394   | 3759   | 0.36%  | 0.029% |
| 40 | 15.270 | 1929 | 1937 | 1953 | rBV2 | 125155 | 245348 | 23.42% | 1.865% |
| 41 | 15.388 | 1953 | 1957 | 1964 | rVV6 | 2480   | 6542   | 0.62%  | 0.050% |
| 42 | 15.453 | 1964 | 1968 | 1972 | rVV4 | 2697   | 4535   | 0.43%  | 0.034% |
| 43 | 15.500 | 1972 | 1976 | 1981 | rVB4 | 3461   | 5697   | 0.54%  | 0.043% |
| 44 | 15.564 | 1983 | 1987 | 1994 | rVB4 | 4391   | 8010   | 0.76%  | 0.061% |
| 45 | 15.635 | 1994 | 1999 | 2004 | rVB3 | 2758   | 3953   | 0.38%  | 0.030% |
| 46 | 15.729 | 2010 | 2015 | 2019 | rBV2 | 1199   | 1945   | 0.19%  | 0.015% |
| 47 | 15.817 | 2019 | 2030 | 2035 | rBV  | 15054  | 25806  | 2.46%  | 0.196% |
| 48 | 15.858 | 2035 | 2037 | 2040 | rVB3 | 1894   | 1839   | 0.18%  | 0.014% |
| 49 | 15.899 | 2040 | 2044 | 2050 | rVB  | 19267  | 26452  | 2.52%  | 0.201% |
| 50 | 15.970 | 2050 | 2056 | 2059 | rBV5 | 1674   | 2528   | 0.24%  | 0.019% |
| 51 | 16.005 | 2059 | 2062 | 2068 | rVB3 | 1972   | 3594   | 0.34%  | 0.027% |
| 52 | 16.087 | 2068 | 2076 | 2084 | rBV  | 515901 | 837248 | 79.91% | 6.364% |
| 53 | 16.193 | 2088 | 2094 | 2103 | rVB  | 142577 | 227093 | 21.67% | 1.726% |
| 54 | 16.328 | 2103 | 2117 | 2125 | rVV8 | 5649   | 20505  | 1.96%  | 0.156% |
| 55 | 16.399 | 2125 | 2129 | 2135 | rVV7 | 2222   | 4325   | 0.41%  | 0.033% |
| 56 | 16.457 | 2135 | 2139 | 2146 | rVV6 | 2995   | 5492   | 0.52%  | 0.042% |
| 57 | 16.522 | 2146 | 2150 | 2155 | rVB4 | 3107   | 4618   | 0.44%  | 0.035% |
| 58 | 16.757 | 2186 | 2190 | 2199 | rBV  | 21382  | 34313  | 3.27%  | 0.261% |
| 59 | 17.045 | 2233 | 2239 | 2242 | rBV7 | 2740   | 4634   | 0.44%  | 0.035% |
| 60 | 17.104 | 2242 | 2249 | 2257 | rVV7 | 2785   | 7973   | 0.76%  | 0.061% |
| 61 | 17.162 | 2257 | 2259 | 2261 | rVB3 | 1539   | 1484   | 0.14%  | 0.011% |
| 62 | 17.268 | 2274 | 2277 | 2280 | rBV3 | 2310   | 2159   | 0.21%  | 0.016% |
| 63 | 17.333 | 2285 | 2288 | 2292 | rVB4 | 1451   | 1934   | 0.18%  | 0.015% |
| 64 | 17.427 | 2300 | 2304 | 2311 | rBV7 | 1091   | 2450   | 0.23%  | 0.019% |
| 65 | 17.550 | 2321 | 2325 | 2331 | rBV2 | 12829  | 20017  | 1.91%  | 0.152% |
| 66 | 17.603 | 2331 | 2334 | 2338 | rVV5 | 3047   | 4993   | 0.48%  | 0.038% |
| 67 | 17.638 | 2338 | 2340 | 2346 | rVB5 | 1705   | 3078   | 0.29%  | 0.023% |
| 68 | 17.709 | 2347 | 2352 | 2354 | rBV4 | 2360   | 2212   | 0.21%  | 0.017% |
| 69 | 17.850 | 2365 | 2376 | 2387 | rBV2 | 427053 | 695115 | 66.34% | 5.284% |
| 70 | 17.950 | 2387 | 2393 | 2403 | rVB  | 555681 | 897923 | 85.70% | 6.826% |
| 71 | 18.097 | 2414 | 2418 | 2421 | rVB3 | 1591   | 2002   | 0.19%  | 0.015% |

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 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 72  | 18.202 | 2435 | 2436 | 2443 | rVB3 | 1004   | 1683    | 0.16%   | 0.013% |
| 73  | 18.296 | 2448 | 2452 | 2458 | rBV3 | 5620   | 8250    | 0.79%   | 0.063% |
| 74  | 18.473 | 2478 | 2482 | 2488 | rVB2 | 5093   | 7769    | 0.74%   | 0.059% |
| 75  | 18.567 | 2494 | 2498 | 2504 | rBV4 | 2200   | 4512    | 0.43%   | 0.034% |
| 76  | 18.690 | 2510 | 2519 | 2529 | rBV2 | 73568  | 127003  | 12.12%  | 0.965% |
| 77  | 18.872 | 2548 | 2550 | 2556 | rBV4 | 1933   | 2543    | 0.24%   | 0.019% |
| 78  | 18.972 | 2565 | 2567 | 2572 | rVB6 | 2585   | 3631    | 0.35%   | 0.028% |
| 79  | 19.101 | 2585 | 2589 | 2597 | rVB5 | 6070   | 8852    | 0.84%   | 0.067% |
| 80  | 19.207 | 2604 | 2607 | 2608 | rBV2 | 1759   | 1479    | 0.14%   | 0.011% |
| 81  | 19.348 | 2629 | 2631 | 2633 | rBV3 | 1983   | 1917    | 0.18%   | 0.015% |
| 82  | 19.595 | 2669 | 2673 | 2676 | rBV4 | 2182   | 3290    | 0.31%   | 0.025% |
| 83  | 19.853 | 2705 | 2717 | 2720 | rBV7 | 7663   | 22770   | 2.17%   | 0.173% |
| 84  | 19.941 | 2727 | 2732 | 2744 | rBV3 | 27603  | 52311   | 4.99%   | 0.398% |
| 85  | 20.088 | 2752 | 2757 | 2767 | rVB2 | 97760  | 120250  | 11.48%  | 0.914% |
| 86  | 20.171 | 2767 | 2771 | 2773 | rBV4 | 3353   | 4072    | 0.39%   | 0.031% |
| 87  | 20.218 | 2773 | 2779 | 2793 | rBV  | 653926 | 1047753 | 100.00% | 7.964% |
| 88  | 21.152 | 2933 | 2938 | 2946 | rBV2 | 51073  | 66748   | 6.37%   | 0.507% |
| 89  | 21.228 | 2947 | 2951 | 2953 | rVB5 | 4558   | 5772    | 0.55%   | 0.044% |
| 90  | 21.775 | 3039 | 3044 | 3076 | rVB6 | 31313  | 126682  | 12.09%  | 0.963% |
| 91  | 22.227 | 3113 | 3121 | 3129 | rBV  | 422033 | 826994  | 78.93%  | 6.286% |
| 92  | 23.061 | 3259 | 3263 | 3273 | rVB7 | 11339  | 23780   | 2.27%   | 0.181% |
| 93  | 23.849 | 3391 | 3397 | 3404 | rVB2 | 31353  | 61544   | 5.87%   | 0.468% |
| 94  | 24.072 | 3430 | 3435 | 3444 | rVB3 | 16860  | 36853   | 3.52%   | 0.280% |
| 95  | 24.765 | 3546 | 3553 | 3562 | rVB2 | 41931  | 99112   | 9.46%   | 0.753% |
| 96  | 25.629 | 3687 | 3700 | 3713 | rBV2 | 307553 | 1014452 | 96.82%  | 7.711% |
| 97  | 25.882 | 3729 | 3743 | 3759 | rVB3 | 240764 | 957640  | 91.40%  | 7.279% |
| 98  | 27.145 | 3947 | 3958 | 3974 | rVB3 | 63563  | 212787  | 20.31%  | 1.617% |
| 99  | 28.696 | 4212 | 4222 | 4247 | rVB3 | 61400  | 239943  | 22.90%  | 1.824% |
| 100 | 30.582 | 4530 | 4543 | 4558 | rVB3 | 41829  | 192692  | 18.39%  | 1.465% |

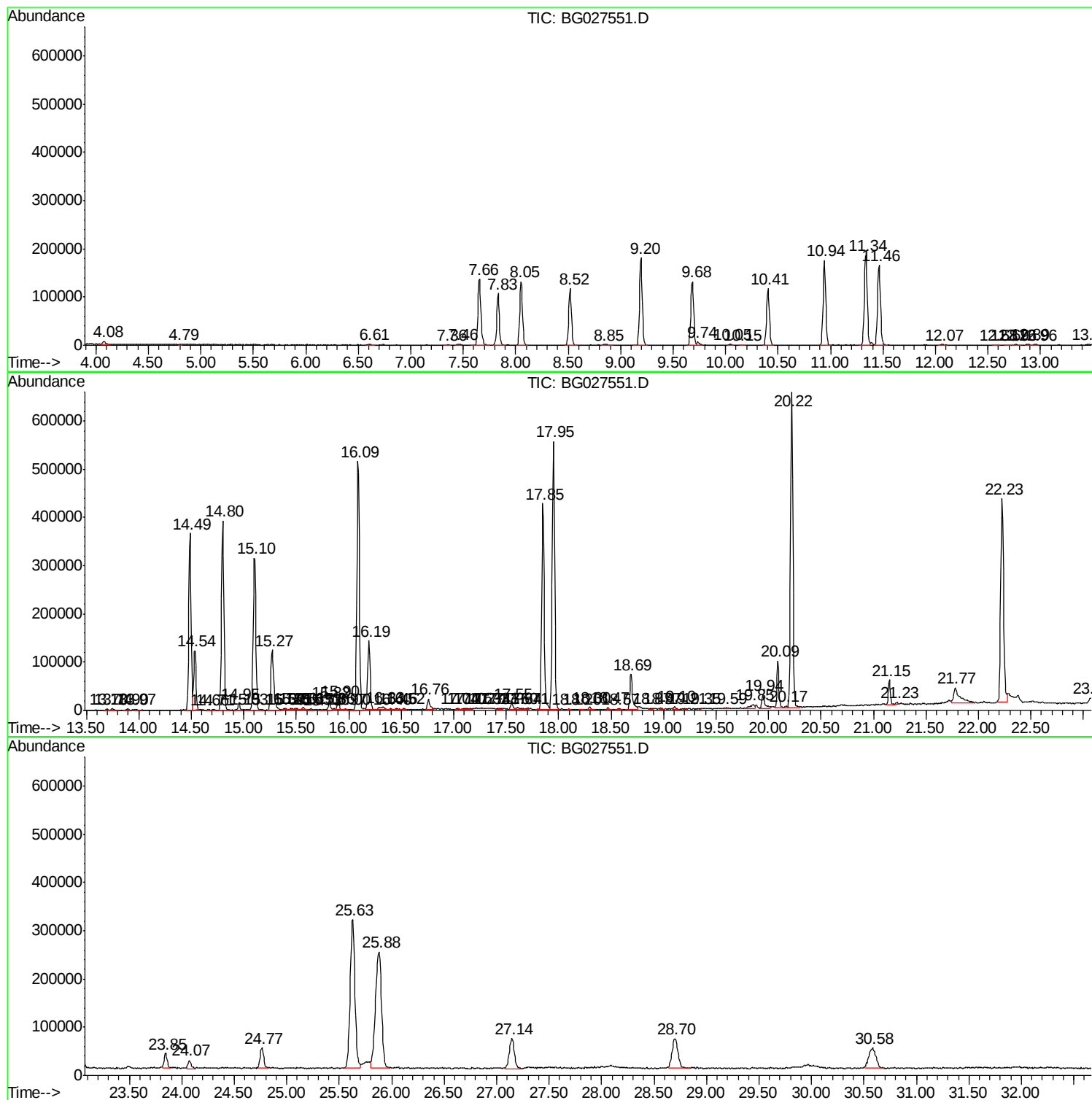
Sum of corrected areas: 13155384

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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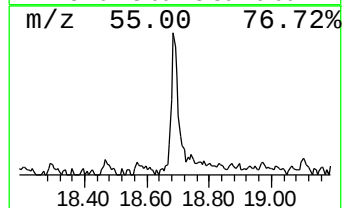
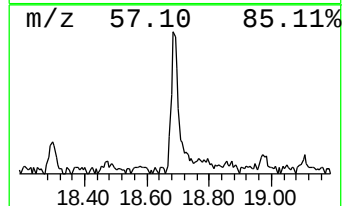
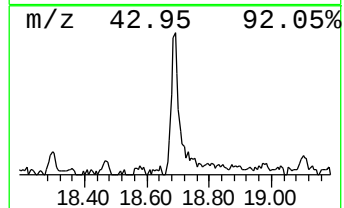
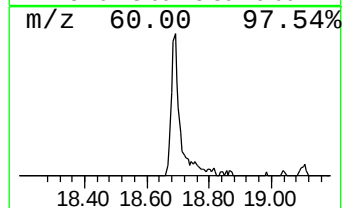
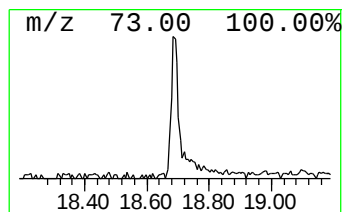
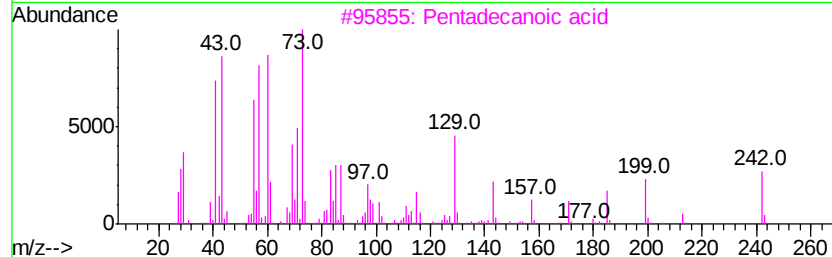
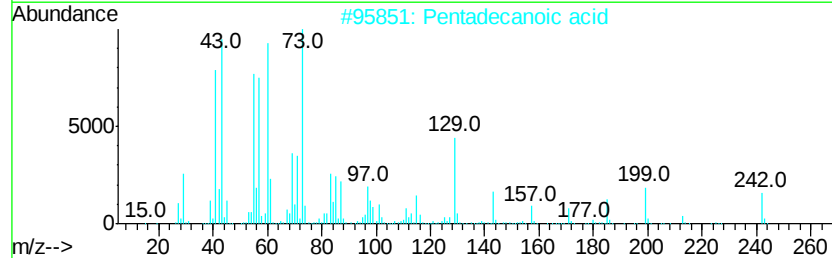
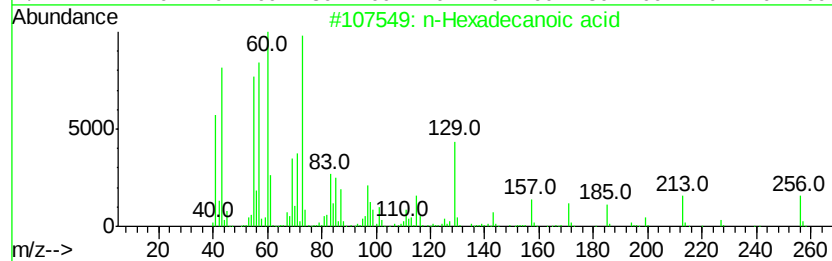
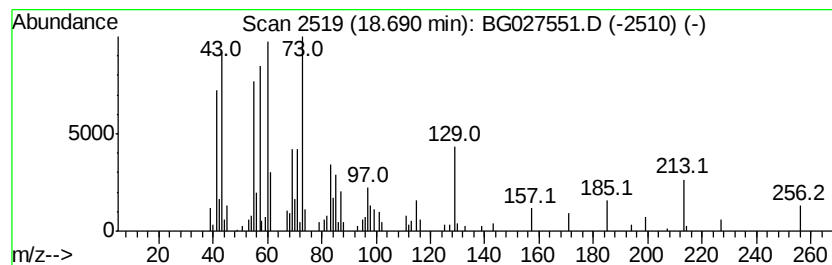
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.69 | 3.65 ng/ul | 127003 | Phenanthrene-d10 | 17.85 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2       |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3       |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 4       |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 74   |
| 5       |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |



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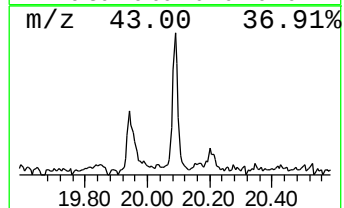
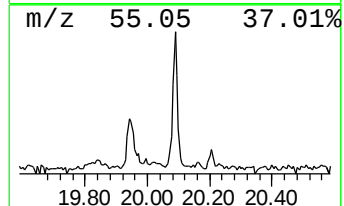
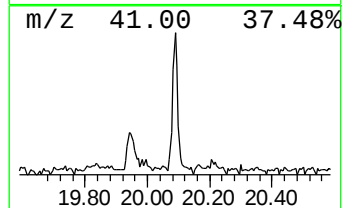
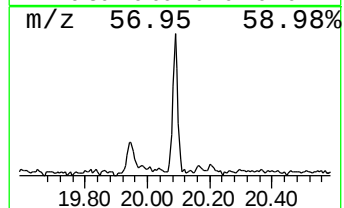
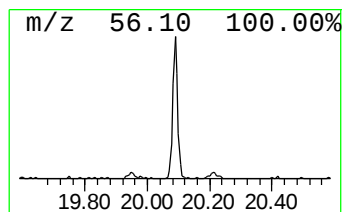
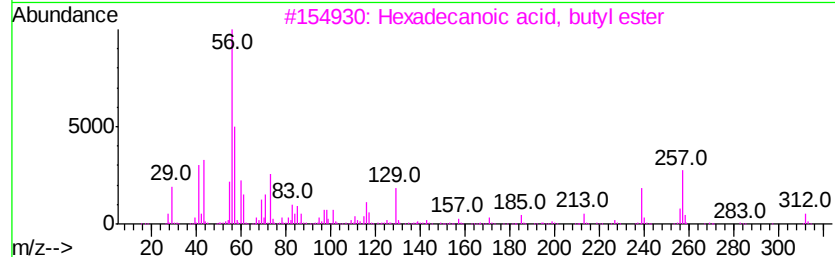
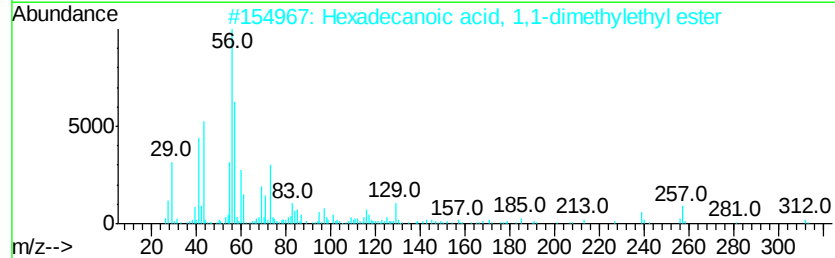
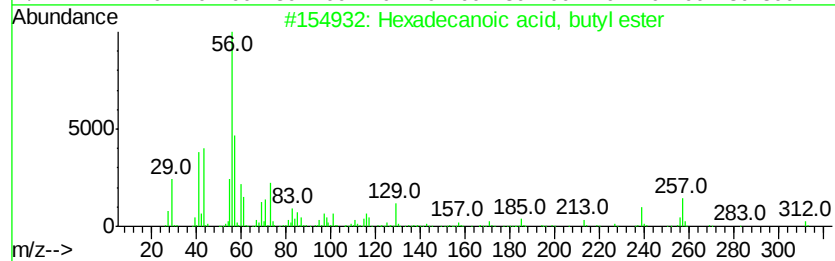
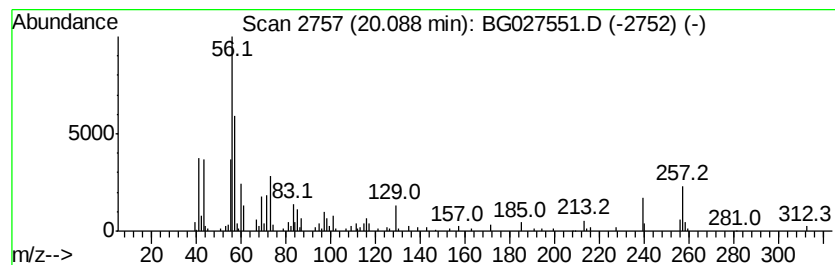
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.09 | 2.91 ng/ul | 120250 | Chrysene-d12     | 22.23 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, butyl ester       | 312 | C20H40O2 | 000111-06-8 | 99   |
| 2    |    | Hexadecanoic acid, 1,1-dimethyle...  | 312 | C20H40O2 | 031158-91-5 | 96   |
| 3    |    | Hexadecanoic acid, butyl ester       | 312 | C20H40O2 | 000111-06-8 | 90   |
| 4    |    | Hexadecanoic acid, 2-methylpropyl... | 312 | C20H40O2 | 000110-34-9 | 70   |
| 5    |    | Cyclopentanecarboxylic acid, 2-a...  | 129 | C6H11NO2 | 040482-05-1 | 35   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\  
Data File : BG027551.D  
Acq On : 20 Jun 2017 5:35  
Operator : SJ/MA  
Sample : I3625-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F5A85

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION

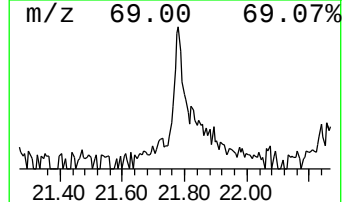
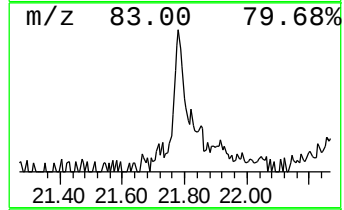
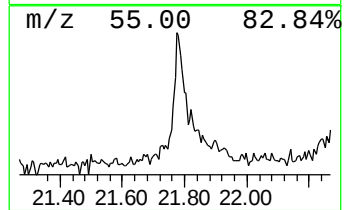
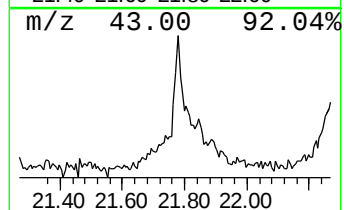
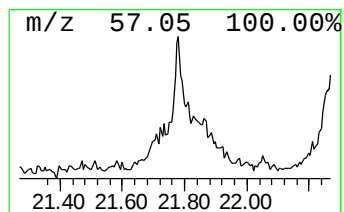
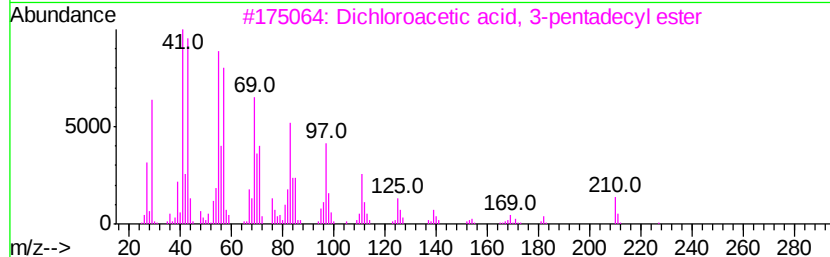
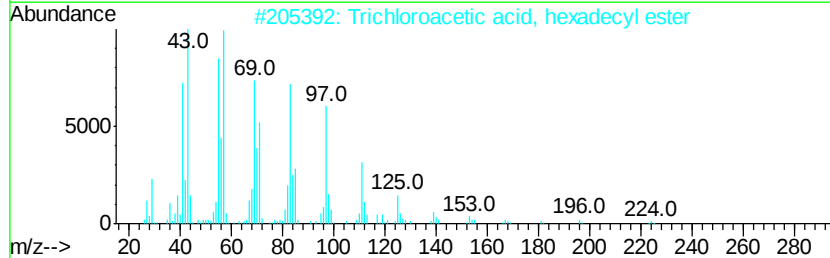
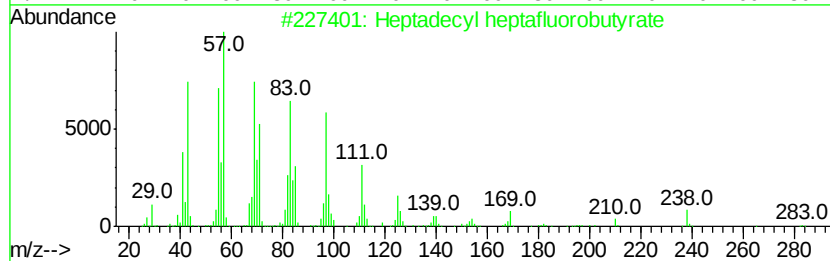
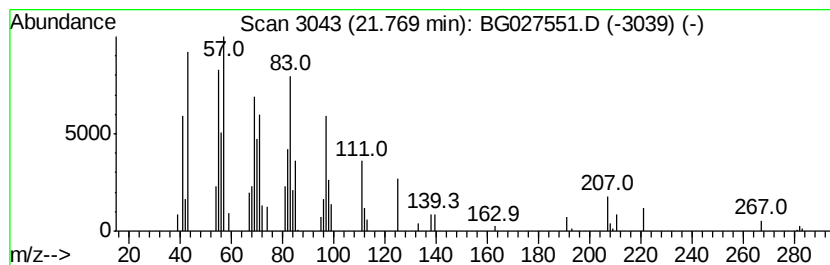
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.77 | 3.06 ng/ul | 126682 | Chrysene-d12     | 22.23 |

| Hit# | of | Tentative ID                         | MW  | MolForm     | CAS#         | Qual |
|------|----|--------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Heptadecyl heptafluorobutyrate       | 452 | C21H35F7O2  | 959085-66-6  | 83   |
| 2    |    | Trichloroacetic acid, hexadecyl ...  | 386 | C18H33Cl3O2 | 074339-54-1  | 81   |
| 3    |    | Dichloroacetic acid, 3-pentadecyl... | 338 | C17H32Cl2O2 | 1000280-64-8 | 81   |
| 4    |    | Pentafluoropropionic acid, hepta...  | 402 | C20H35F5O2  | 959218-78-1  | 74   |
| 5    |    | Heptafluorobutyric acid, pentade...  | 424 | C19H31F7O2  | 959261-23-5  | 74   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\  
Data File : BG027551.D  
Acq On : 20 Jun 2017 5:35  
Operator : SJ/MA  
Sample : I3625-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F5A85

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION

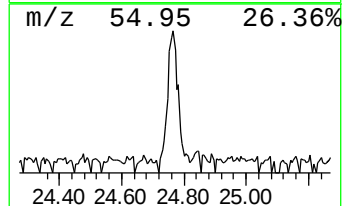
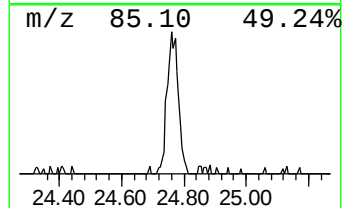
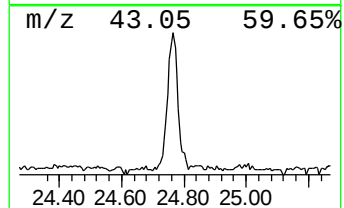
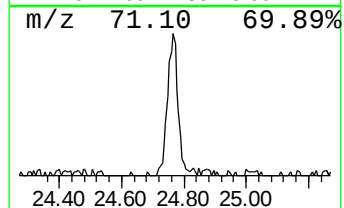
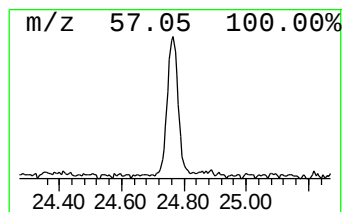
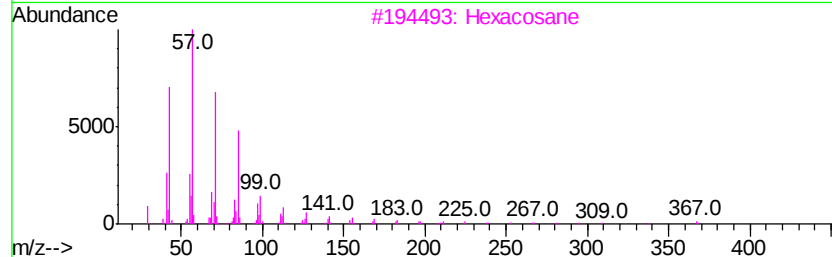
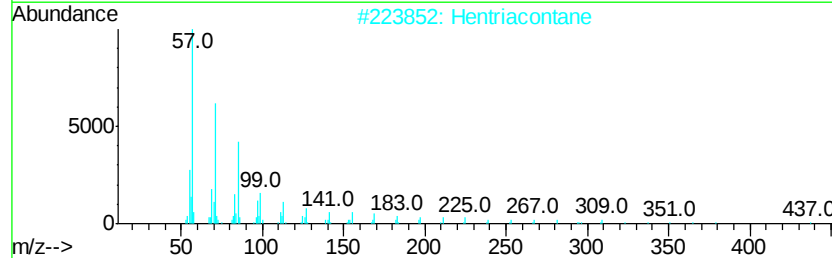
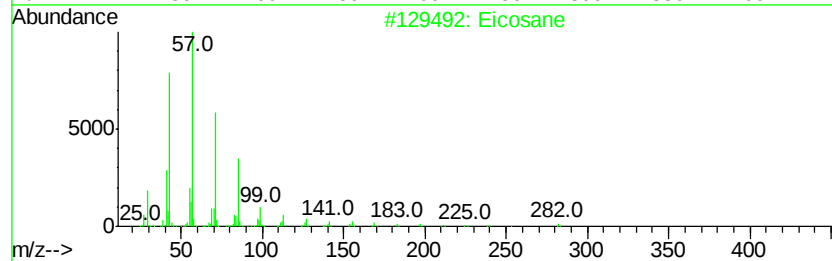
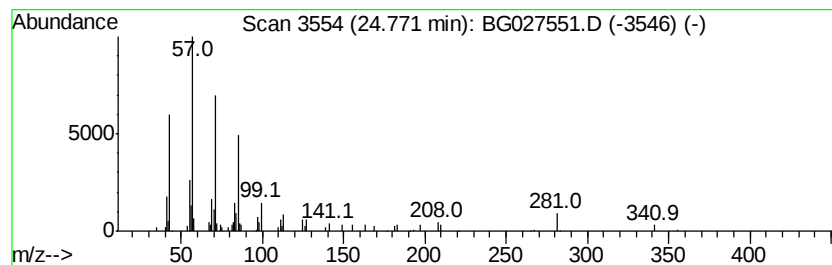
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 24.77 | 2.07 ng/ul | 99112 | Perylene-d12     | 25.88 |

| Hit# | of | 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane       | 282 | C20H42  | 000112-95-8 | 93   |
| 2    |    |   | Hentriacontane | 437 | C31H64  | 000630-04-6 | 90   |
| 3    |    |   | Hexacosane     | 366 | C26H54  | 000630-01-3 | 90   |
| 4    |    |   | Hentriacontane | 437 | C31H64  | 000630-04-6 | 90   |
| 5    |    |   | Octacosane     | 394 | C28H58  | 000630-02-4 | 87   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\  
Data File : BG027551.D  
Acq On : 20 Jun 2017 5:35  
Operator : SJ/MA  
Sample : I3625-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F5A85

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION

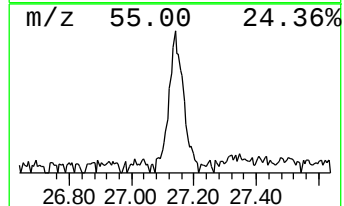
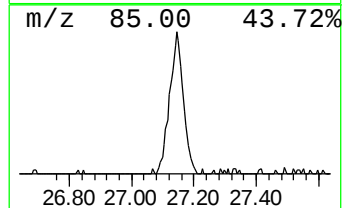
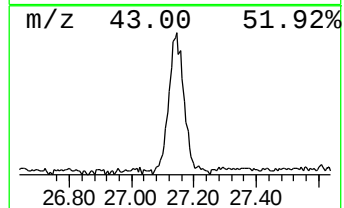
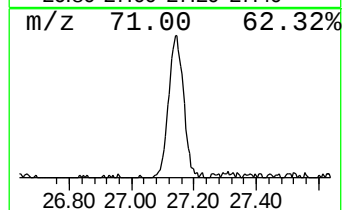
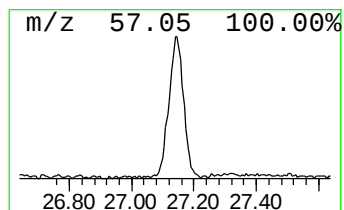
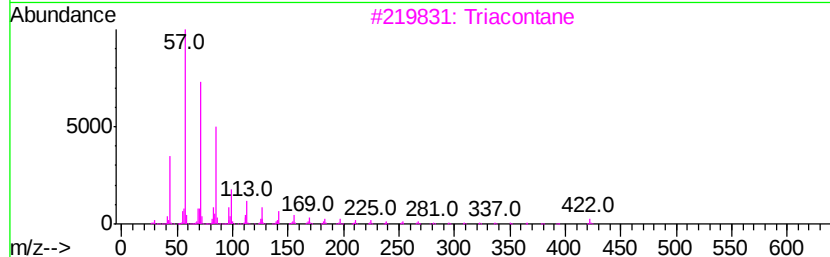
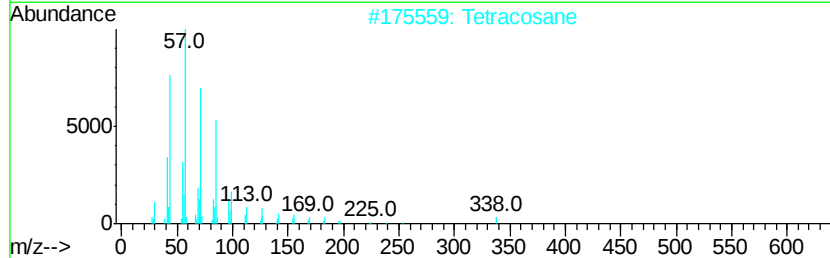
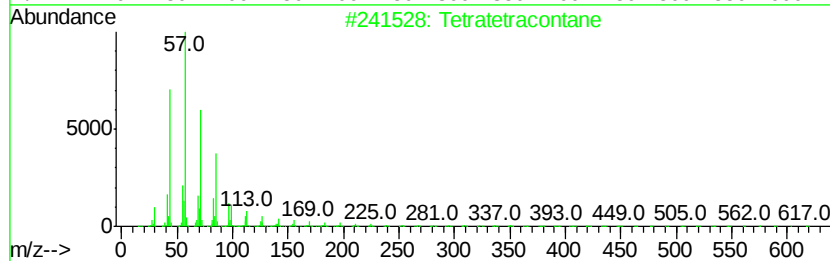
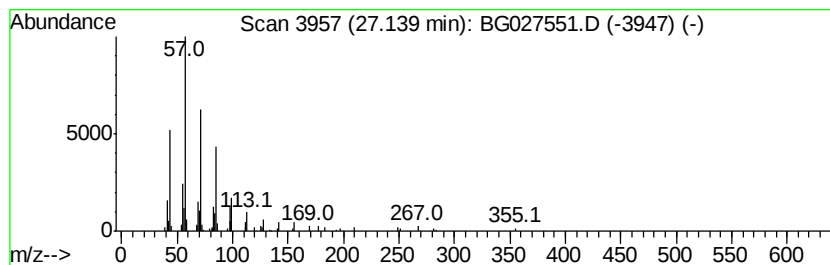
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 27.14 | 4.44 ng/ul | 212787 | Perylene-d12     | 25.88 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Tetratetracontane  | 619 | C44H90  | 007098-22-8  | 91   |
| 2    |    | Tetracosane        | 338 | C24H50  | 000646-31-1  | 91   |
| 3    |    | Triacontane        | 422 | C30H62  | 000638-68-6  | 91   |
| 4    |    | Octacosane         | 394 | C28H58  | 000630-02-4  | 91   |
| 5    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\  
Data File : BG027551.D  
Acq On : 20 Jun 2017 5:35  
Operator : SJ/MA  
Sample : I3625-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F5A85

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION

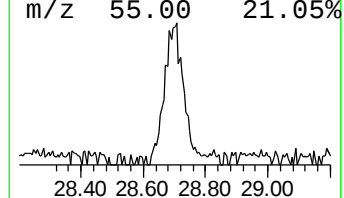
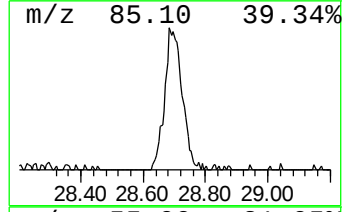
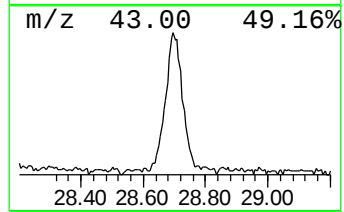
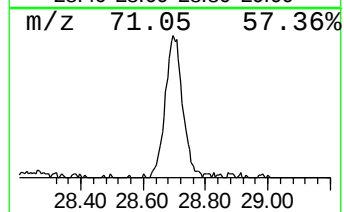
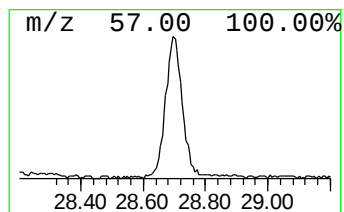
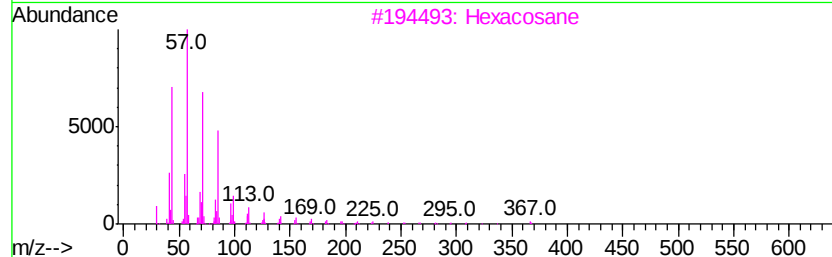
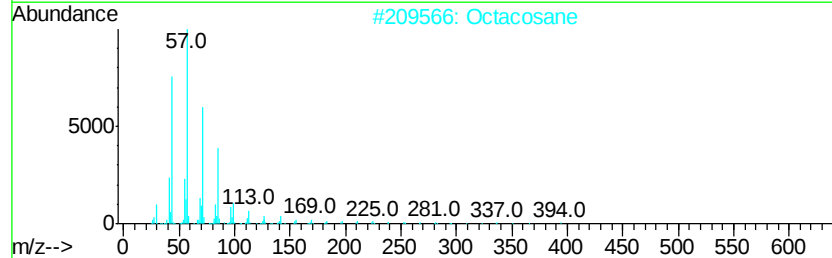
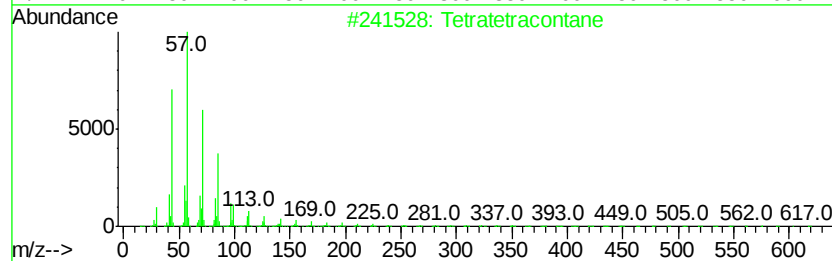
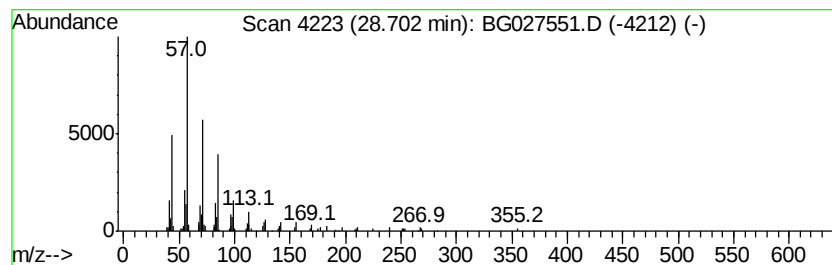
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 28.70 | 5.01 ng/ul | 239943 | Perylene-d12     | 25.88 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Tetratetracontane   | 619 | C44H90  | 007098-22-8 | 91   |
| 2    |    |   | Octacosane          | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    |   | Hexacosane          | 366 | C26H54  | 000630-01-3 | 90   |
| 4    |    |   | Eicosane, 2-methyl- | 296 | C21H44  | 001560-84-5 | 90   |
| 5    |    |   | Hentriacontane      | 437 | C31H64  | 000630-04-6 | 90   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\  
Data File : BG027551.D  
Acq On : 20 Jun 2017 5:35  
Operator : SJ/MA  
Sample : I3625-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F5A85

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION

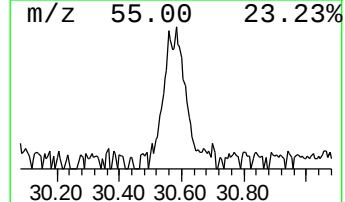
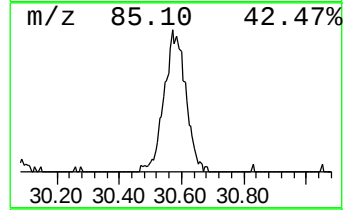
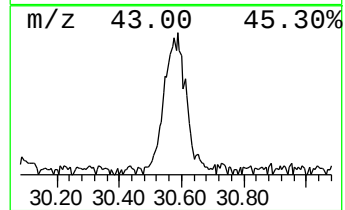
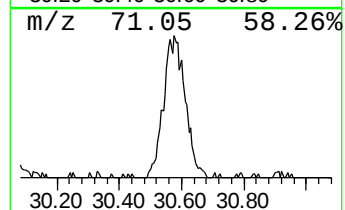
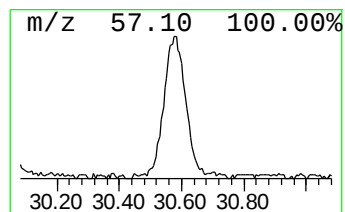
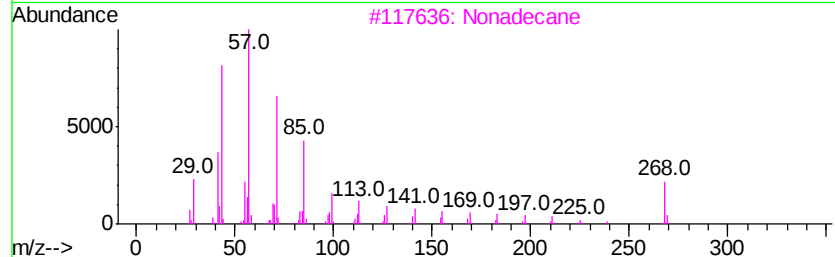
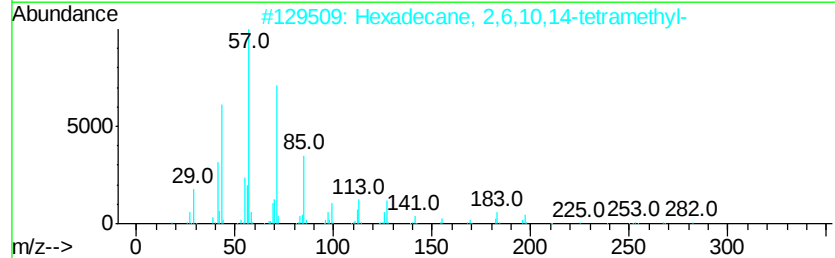
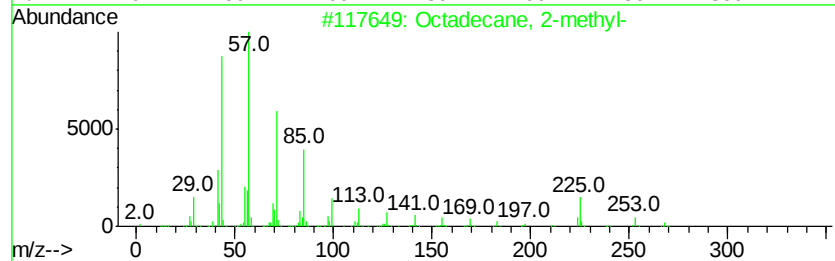
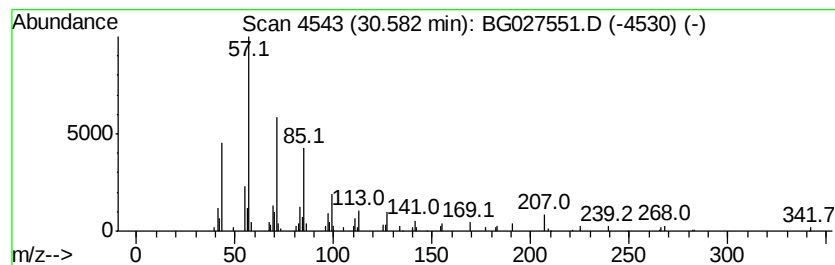
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 30.58 | 4.02 ng/ul | 192692 | Perylene-d12     | 25.88 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane, 2-methyl-              | 268 | C19H40  | 001560-88-9 | 93   |
| 2    |    | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 91   |
| 3    |    | Nonadecane                         | 268 | C19H40  | 000629-92-5 | 90   |
| 4    |    | Hentriacontane                     | 437 | C31H64  | 000630-04-6 | 90   |
| 5    |    | Octacosane                         | 394 | C28H58  | 000630-02-4 | 87   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061917\  
Data File : BG027551.D  
Acq On : 20 Jun 2017 5:35  
Operator : SJ/MA  
Sample : I3625-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F5A85

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| n-Hexadecanoic acid  | 18.69 | 3.6     | ng/ul | 127003   | 4                     | 17.85 | 695115 | 20.0 |
| Hexadecanoic acid... | 20.09 | 2.9     | ng/ul | 120250   | 5                     | 22.23 | 826994 | 20.0 |
| Heptadecyl heptaf... | 21.77 | 3.1     | ng/ul | 126682   | 5                     | 22.23 | 826994 | 20.0 |
| (DEL) Alkane: Str... | 24.77 | 2.1     | ng/ul | 99112    | 6                     | 25.88 | 957640 | 20.0 |
| (DEL) Alkane: Str... | 27.14 | 4.4     | ng/ul | 212787   | 6                     | 25.88 | 957640 | 20.0 |
| (DEL) Alkane: Str... | 28.70 | 5.0     | ng/ul | 239943   | 6                     | 25.88 | 957640 | 20.0 |
| (DEL) Alkane: Str... | 30.58 | 4.0     | ng/ul | 192692   | 6                     | 25.88 | 957640 | 20.0 |