

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102015\  
 Data File : BG019265.D  
 Acq On : 20 Oct 2015 20:08  
 Operator : UM/NP  
 Sample : G4074-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JG9K3

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 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: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.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         | 2.866       | 3             | 5           | 9            | rVB2     | 3114           | 3151          | 0.74%           | 0.066%        |
| 2         | 2.954       | 19            | 20          | 23           | rVB3     | 897            | 687           | 0.16%           | 0.014%        |
| 3         | 3.084       | 37            | 42          | 50           | rBV      | 39851          | 62748         | 14.79%          | 1.313%        |
| 4         | 3.160       | 50            | 55          | 71           | rVB      | 172747         | 236781        | 55.80%          | 4.955%        |
| 5         | 3.424       | 97            | 100         | 103          | rVB3     | 1419           | 1552          | 0.37%           | 0.032%        |
| 6         | 3.753       | 150           | 156         | 157          | rBV2     | 392            | 705           | 0.17%           | 0.015%        |
| 7         | 3.947       | 186           | 189         | 192          | rBV3     | 976            | 1085          | 0.26%           | 0.023%        |
| 8         | 4.582       | 295           | 297         | 300          | rBV      | 624            | 681           | 0.16%           | 0.014%        |
| 9         | 5.081       | 379           | 382         | 387          | rVB3     | 1061           | 1570          | 0.37%           | 0.033%        |
| 10        | 6.950       | 695           | 700         | 702          | rBV      | 489            | 684           | 0.16%           | 0.014%        |
| 11        | 7.167       | 731           | 737         | 746          | rBV      | 25724          | 42930         | 10.12%          | 0.898%        |
| 12        | 7.314       | 756           | 762         | 771          | rBV      | 19066          | 29416         | 6.93%           | 0.616%        |
| 13        | 7.526       | 792           | 798         | 806          | rBV      | 25031          | 40015         | 9.43%           | 0.837%        |
| 14        | 7.990       | 871           | 877         | 884          | rVB      | 57876          | 91591         | 21.59%          | 1.917%        |
| 15        | 8.707       | 994           | 999         | 1005         | rBV      | 31839          | 52232         | 12.31%          | 1.093%        |
| 16        | 9.153       | 1069          | 1075        | 1083         | rBV2     | 25150          | 44403         | 10.46%          | 0.929%        |
| 17        | 9.876       | 1192          | 1198        | 1208         | rVB3     | 23628          | 41710         | 9.83%           | 0.873%        |
| 18        | 10.422      | 1285          | 1291        | 1299         | rVB      | 37984          | 64321         | 15.16%          | 1.346%        |
| 19        | 10.798      | 1345          | 1355        | 1364         | rVB      | 88872          | 155498        | 36.65%          | 3.254%        |
| 20        | 10.933      | 1372          | 1378        | 1389         | rBV2     | 22315          | 41922         | 9.88%           | 0.877%        |
| 21        | 12.984      | 1721          | 1727        | 1730         | rVB2     | 2356           | 3063          | 0.72%           | 0.064%        |
| 22        | 13.225      | 1765          | 1768        | 1773         | rVB3     | 2634           | 3334          | 0.79%           | 0.070%        |
| 23        | 13.507      | 1814          | 1816        | 1824         | rVB2     | 398            | 720           | 0.17%           | 0.015%        |
| 24        | 14.030      | 1899          | 1905        | 1909         | rVV      | 96227          | 133203        | 31.39%          | 2.787%        |
| 25        | 14.077      | 1909          | 1913        | 1918         | rVB      | 29670          | 40266         | 9.49%           | 0.843%        |
| 26        | 14.265      | 1942          | 1945        | 1947         | rVB2     | 651            | 713           | 0.17%           | 0.015%        |
| 27        | 14.318      | 1947          | 1954        | 1960         | rVV      | 98361          | 142412        | 33.56%          | 2.980%        |
| 28        | 14.623      | 2000          | 2006        | 2013         | rBV2     | 164386         | 261052        | 61.52%          | 5.463%        |
| 29        | 14.840      | 2037          | 2043        | 2053         | rVV      | 39619          | 66295         | 15.62%          | 1.387%        |
| 30        | 14.982      | 2065          | 2067        | 2070         | rVB2     | 974            | 913           | 0.22%           | 0.019%        |
| 31        | 15.034      | 2070          | 2076        | 2081         | rBV3     | 1863           | 3082          | 0.73%           | 0.064%        |
| 32        | 15.363      | 2127          | 2132        | 2134         | rBV2     | 538            | 733           | 0.17%           | 0.015%        |
| 33        | 15.416      | 2134          | 2141        | 2146         | rVV3     | 2264           | 5100          | 1.20%           | 0.107%        |
| 34        | 15.463      | 2146          | 2149        | 2152         | rVB      | 3172           | 3676          | 0.87%           | 0.077%        |

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 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 15.616 | 2168 | 2175 | 2182 | rBV  | 138315 | 200218 | 47.19% | 4.190% |
| 36 | 15.734 | 2191 | 2195 | 2201 | rBV2 | 47662  | 69735  | 16.44% | 1.459% |
| 37 | 15.863 | 2212 | 2217 | 2221 | rVB4 | 1981   | 3407   | 0.80%  | 0.071% |
| 38 | 15.969 | 2233 | 2235 | 2237 | rVB  | 915    | 731    | 0.17%  | 0.015% |
| 39 | 15.986 | 2237 | 2238 | 2241 | rBV  | 880    | 783    | 0.18%  | 0.016% |
| 40 | 16.010 | 2241 | 2242 | 2245 | rVB2 | 840    | 824    | 0.19%  | 0.017% |
| 41 | 16.080 | 2249 | 2254 | 2258 | rBV4 | 906    | 1671   | 0.39%  | 0.035% |
| 42 | 16.127 | 2261 | 2262 | 2265 | rVB2 | 928    | 761    | 0.18%  | 0.016% |
| 43 | 16.168 | 2265 | 2269 | 2272 | rBV3 | 1250   | 1495   | 0.35%  | 0.031% |
| 44 | 16.321 | 2291 | 2295 | 2305 | rBV4 | 6798   | 13531  | 3.19%  | 0.283% |
| 45 | 16.503 | 2321 | 2326 | 2330 | rVV3 | 3677   | 5161   | 1.22%  | 0.108% |
| 46 | 16.668 | 2349 | 2354 | 2357 | rBV3 | 1331   | 2184   | 0.51%  | 0.046% |
| 47 | 16.768 | 2366 | 2371 | 2374 | rBV4 | 3602   | 6649   | 1.57%  | 0.139% |
| 48 | 16.891 | 2390 | 2392 | 2397 | rBV3 | 1118   | 1838   | 0.43%  | 0.038% |
| 49 | 16.938 | 2397 | 2400 | 2402 | rBV3 | 1036   | 1430   | 0.34%  | 0.030% |
| 50 | 16.962 | 2402 | 2404 | 2407 | rVB3 | 1218   | 1176   | 0.28%  | 0.025% |
| 51 | 17.026 | 2414 | 2415 | 2418 | rVB2 | 1293   | 748    | 0.18%  | 0.016% |
| 52 | 17.073 | 2421 | 2423 | 2425 | rBV3 | 1157   | 1077   | 0.25%  | 0.023% |
| 53 | 17.114 | 2427 | 2430 | 2434 | rVV2 | 7397   | 8856   | 2.09%  | 0.185% |
| 54 | 17.173 | 2436 | 2440 | 2443 | rVV5 | 3066   | 5003   | 1.18%  | 0.105% |
| 55 | 17.226 | 2447 | 2449 | 2450 | rVB2 | 1172   | 729    | 0.17%  | 0.015% |
| 56 | 17.238 | 2450 | 2451 | 2452 | rBV  | 1152   | 712    | 0.17%  | 0.015% |
| 57 | 17.261 | 2452 | 2455 | 2456 | rBV3 | 1064   | 1129   | 0.27%  | 0.024% |
| 58 | 17.273 | 2456 | 2457 | 2461 | rVB3 | 3200   | 2640   | 0.62%  | 0.055% |
| 59 | 17.332 | 2465 | 2467 | 2468 | rBV2 | 1043   | 830    | 0.20%  | 0.017% |
| 60 | 17.367 | 2468 | 2473 | 2479 | rBV  | 224486 | 338795 | 79.85% | 7.090% |
| 61 | 17.467 | 2484 | 2490 | 2496 | rVB2 | 157265 | 236782 | 55.80% | 4.955% |
| 62 | 17.531 | 2498 | 2501 | 2508 | rVB7 | 1857   | 2791   | 0.66%  | 0.058% |
| 63 | 17.596 | 2508 | 2512 | 2513 | rBV3 | 1746   | 1908   | 0.45%  | 0.040% |
| 64 | 17.655 | 2519 | 2522 | 2524 | rBV3 | 1464   | 1291   | 0.30%  | 0.027% |
| 65 | 17.690 | 2527 | 2528 | 2529 | rBV  | 1208   | 701    | 0.17%  | 0.015% |
| 66 | 17.731 | 2532 | 2535 | 2537 | rVB3 | 1732   | 1483   | 0.35%  | 0.031% |
| 67 | 17.761 | 2539 | 2540 | 2541 | rBV  | 1308   | 690    | 0.16%  | 0.014% |
| 68 | 17.778 | 2541 | 2543 | 2547 | rVB4 | 1587   | 1265   | 0.30%  | 0.026% |
| 69 | 17.855 | 2553 | 2556 | 2560 | rBV3 | 7017   | 7974   | 1.88%  | 0.167% |
| 70 | 17.890 | 2560 | 2562 | 2563 | rBV2 | 1432   | 1055   | 0.25%  | 0.022% |
| 71 | 17.913 | 2563 | 2566 | 2567 | rBV3 | 861    | 784    | 0.18%  | 0.016% |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |         |        |
|-----|--------|------|------|------|------|--------|--------|---------|--------|
| 72  | 17.949 | 2570 | 2572 | 2574 | rBV3 | 691    | 761    | 0.18%   | 0.016% |
| 73  | 17.966 | 2574 | 2575 | 2578 | rBV3 | 1074   | 990    | 0.23%   | 0.021% |
| 74  | 18.001 | 2578 | 2581 | 2582 | rBV3 | 844    | 709    | 0.17%   | 0.015% |
| 75  | 18.142 | 2599 | 2605 | 2607 | rBV6 | 2149   | 4434   | 1.05%   | 0.093% |
| 76  | 18.201 | 2611 | 2615 | 2620 | rVB2 | 14452  | 18317  | 4.32%   | 0.383% |
| 77  | 18.260 | 2620 | 2625 | 2631 | rBV  | 86182  | 117615 | 27.72%  | 2.461% |
| 78  | 18.366 | 2641 | 2643 | 2644 | rBV2 | 1749   | 1030   | 0.24%   | 0.022% |
| 79  | 18.430 | 2652 | 2654 | 2657 | rBV3 | 1402   | 1486   | 0.35%   | 0.031% |
| 80  | 18.495 | 2664 | 2665 | 2666 | rBV  | 2134   | 958    | 0.23%   | 0.020% |
| 81  | 18.548 | 2672 | 2674 | 2677 | rVB3 | 3262   | 3693   | 0.87%   | 0.077% |
| 82  | 18.671 | 2692 | 2695 | 2697 | rBV3 | 2481   | 3196   | 0.75%   | 0.067% |
| 83  | 18.759 | 2706 | 2710 | 2711 | rBV4 | 2631   | 3264   | 0.77%   | 0.068% |
| 84  | 18.789 | 2711 | 2715 | 2716 | rBV4 | 2499   | 3245   | 0.76%   | 0.068% |
| 85  | 19.106 | 2766 | 2769 | 2773 | rVB6 | 5332   | 6476   | 1.53%   | 0.136% |
| 86  | 19.141 | 2773 | 2775 | 2777 | rBV3 | 2168   | 1534   | 0.36%   | 0.032% |
| 87  | 19.177 | 2779 | 2781 | 2783 | rVV3 | 2270   | 1508   | 0.36%   | 0.032% |
| 88  | 19.235 | 2789 | 2791 | 2793 | rBV3 | 1932   | 1901   | 0.45%   | 0.040% |
| 89  | 19.388 | 2813 | 2817 | 2819 | rBV5 | 5826   | 8384   | 1.98%   | 0.175% |
| 90  | 19.417 | 2819 | 2822 | 2828 | rVB  | 11838  | 21120  | 4.98%   | 0.442% |
| 91  | 19.529 | 2837 | 2841 | 2846 | rBV  | 43169  | 59935  | 14.13%  | 1.254% |
| 92  | 19.594 | 2850 | 2852 | 2853 | rVV2 | 3861   | 1900   | 0.45%   | 0.040% |
| 93  | 19.752 | 2874 | 2879 | 2889 | rBV  | 176442 | 272179 | 64.15%  | 5.696% |
| 94  | 21.280 | 3134 | 3139 | 3149 | rBV  | 77928  | 123785 | 29.17%  | 2.590% |
| 95  | 21.633 | 3193 | 3199 | 3212 | rBV  | 258863 | 424305 | 100.00% | 8.879% |
| 96  | 22.432 | 3330 | 3335 | 3343 | rBV2 | 51564  | 96853  | 22.83%  | 2.027% |
| 97  | 23.918 | 3582 | 3588 | 3593 | rBV2 | 75623  | 152774 | 36.01%  | 3.197% |
| 98  | 24.611 | 3699 | 3706 | 3714 | rVB2 | 90993  | 226605 | 53.41%  | 4.742% |
| 99  | 24.835 | 3735 | 3744 | 3756 | rVB2 | 144767 | 408266 | 96.22%  | 8.543% |
| 100 | 25.980 | 3931 | 3939 | 3950 | rVB3 | 101109 | 304420 | 71.75%  | 6.370% |

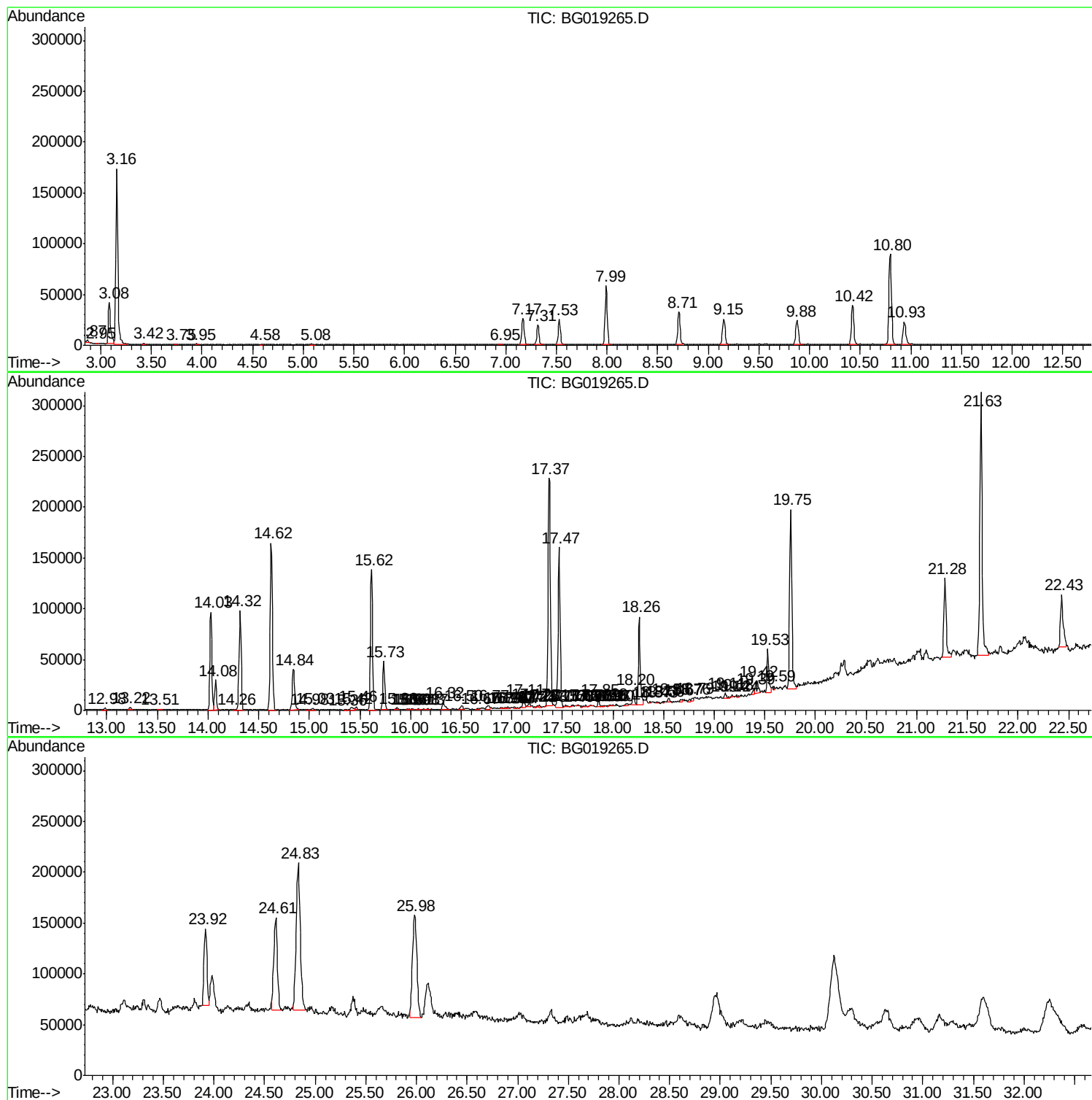
Sum of corrected areas: 4778724

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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102015\  
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ClientSampleId :  
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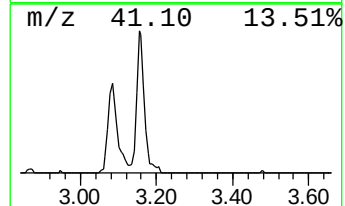
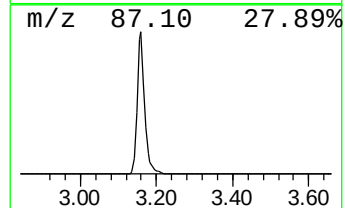
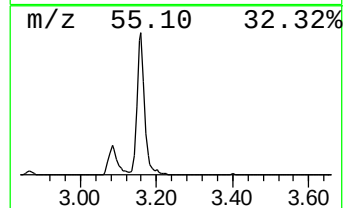
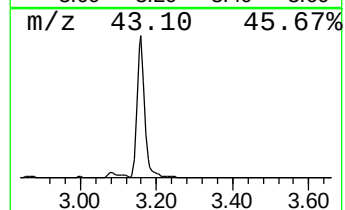
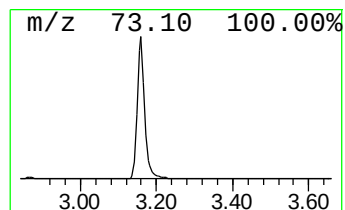
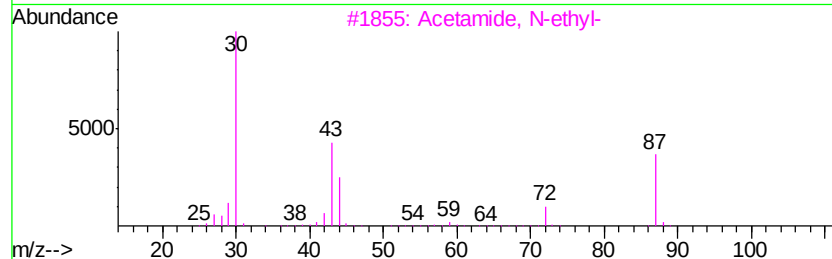
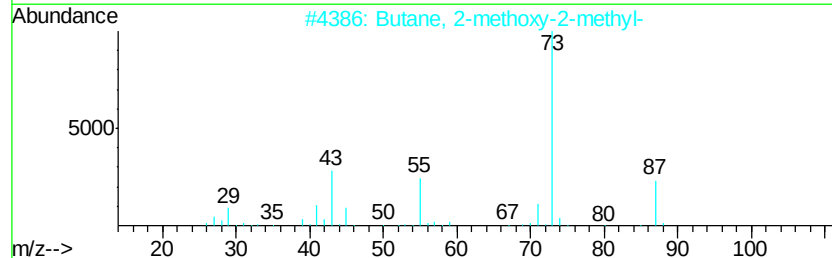
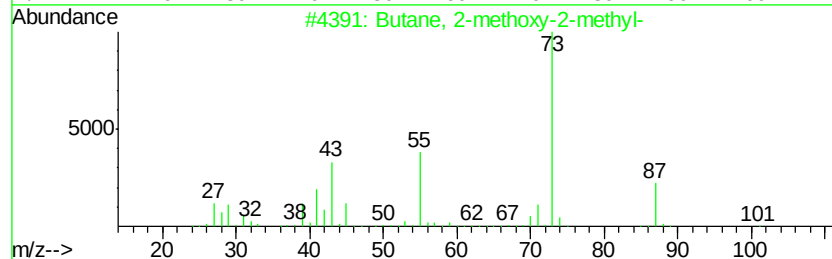
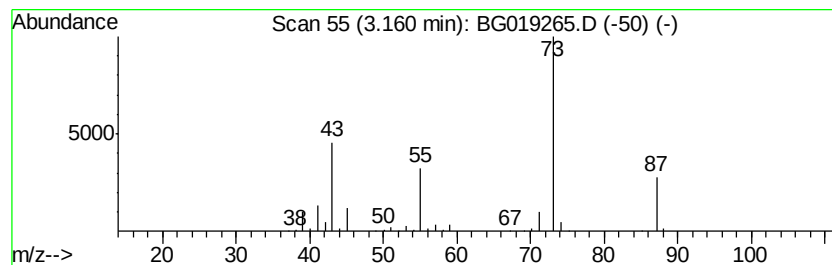
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.16 | 51.70 ng/ul | 236781 | 1,4-Dichlorobenzene-d4 | 7.99 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 3    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 4    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 5    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 9    |



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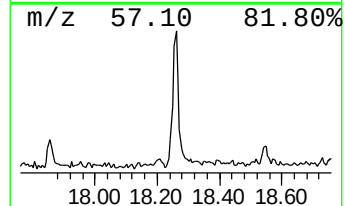
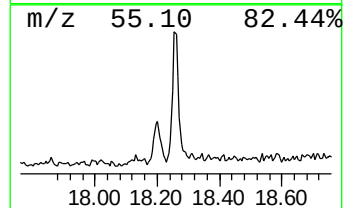
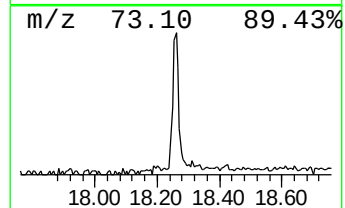
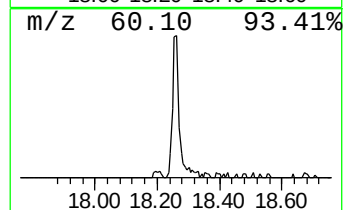
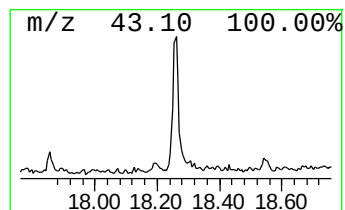
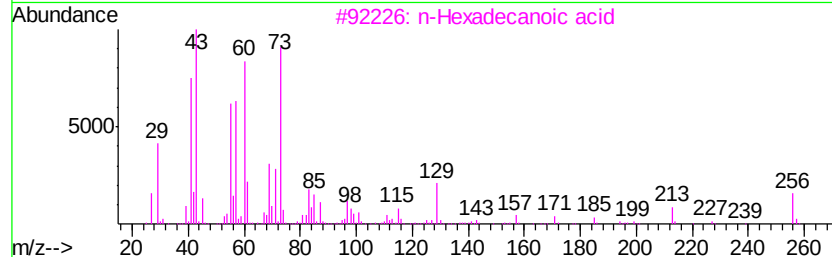
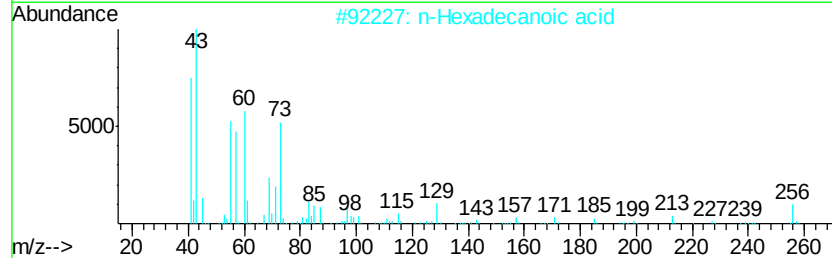
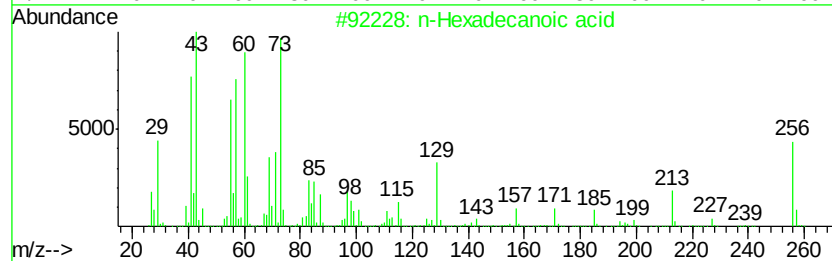
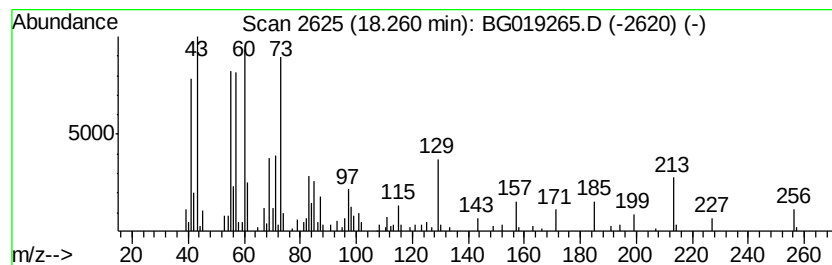
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 18.26     | 6.94 ng/ul          | 117615 | Phenanthrene-d10 | 17.37       |      |
| 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 | 93   |
| 3         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 80   |
| 4         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 72   |
| 5         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 64   |



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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JG9K3

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

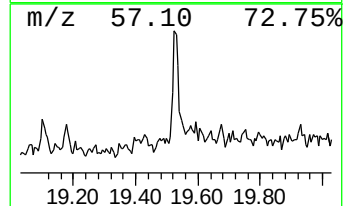
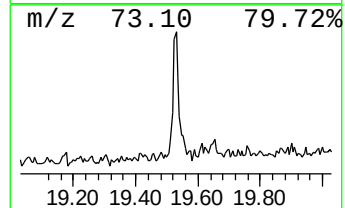
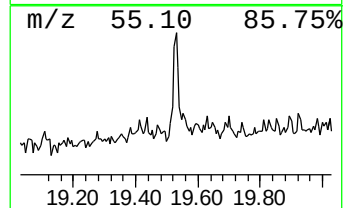
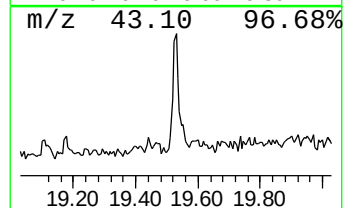
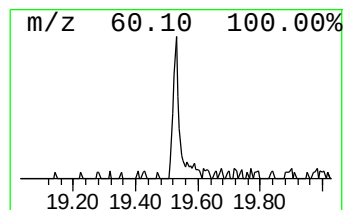
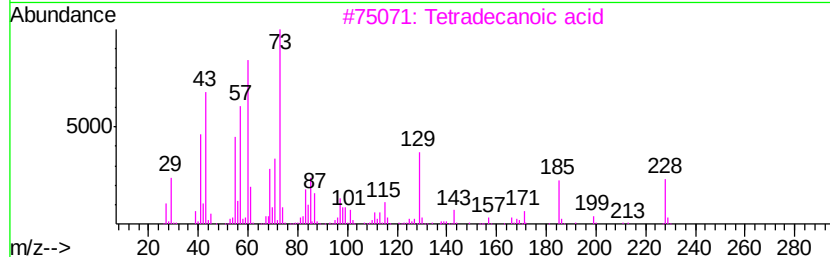
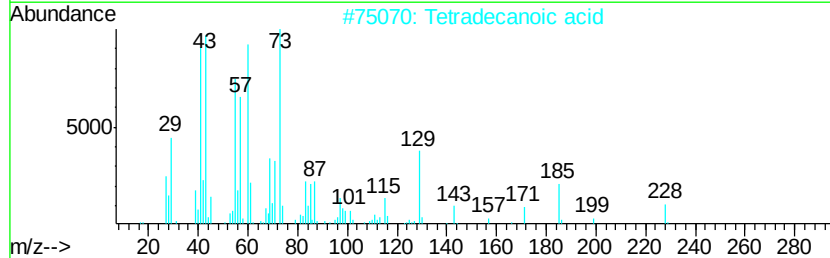
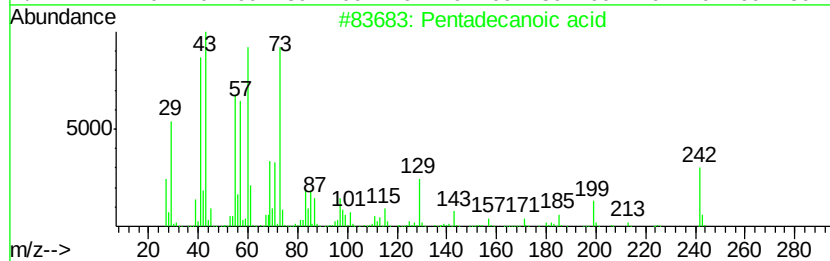
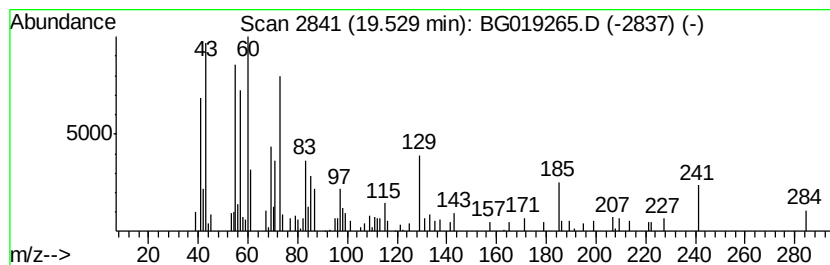
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Pentadecanoic acid Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD |  | R.T.  |
|-------|------------|-------|------------------|--|-------|
| 19.53 | 2.83 ng/ul | 59935 | Chrysene-d12     |  | 21.63 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 64   |
| 2    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 64   |
| 3    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 64   |
| 4    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 59   |
| 5    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 59   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102015\  
Data File : BG019265.D  
Acq On : 20 Oct 2015 20:08  
Operator : UM/NP  
Sample : G4074-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JG9K3

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

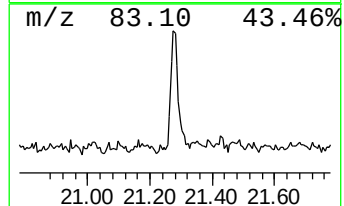
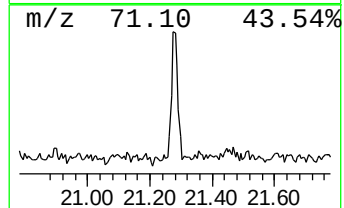
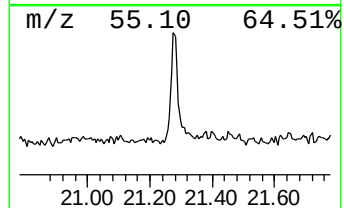
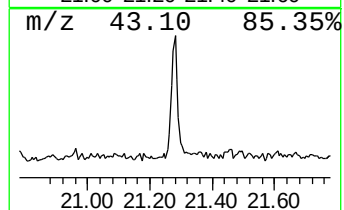
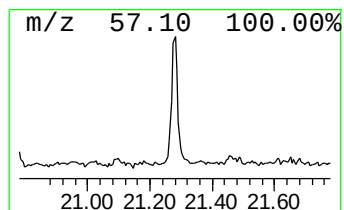
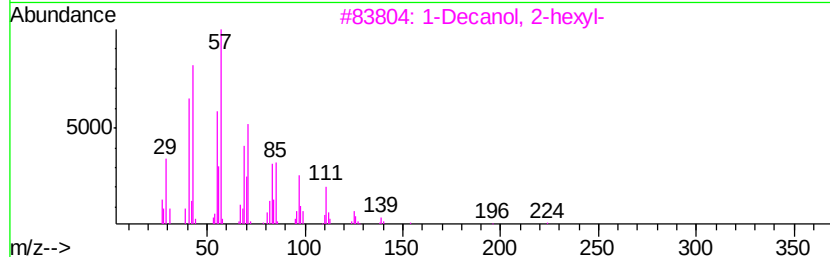
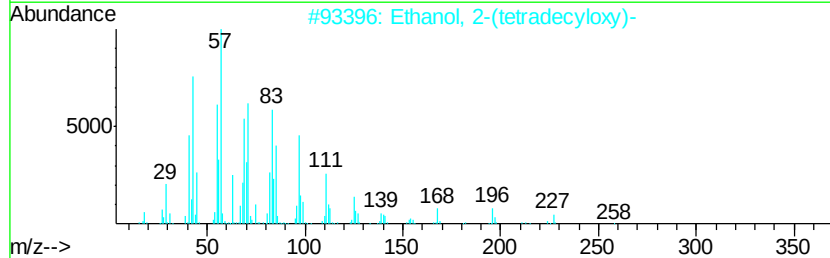
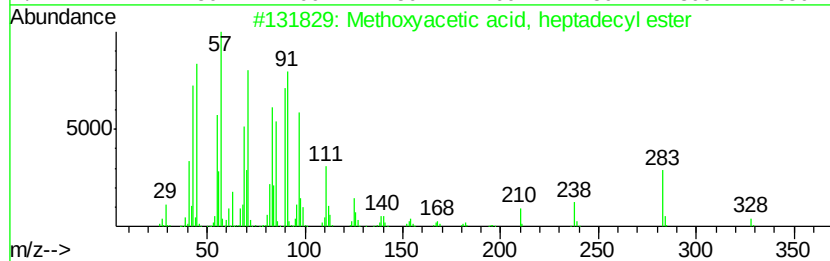
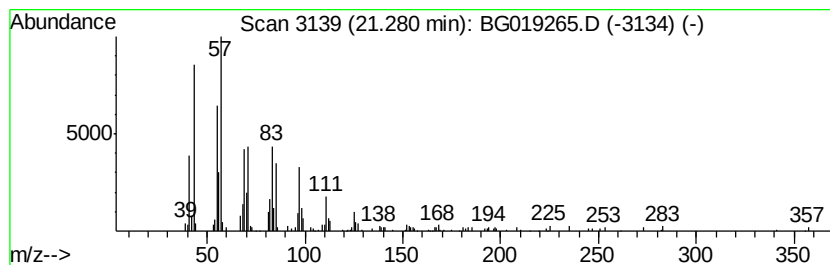
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Methoxyacetic acid, heptade... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.28 | 5.83 ng/ul | 123785 | Chrysene-d12     | 21.63 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|---------|---|-------------------------------------|-----|------------|--------------|------|
| 1       |   | Methoxyacetic acid, heptadecyl e... | 328 | C20H40O3   | 1000282-99-1 | 91   |
| 2       |   | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2   | 002136-70-1  | 91   |
| 3       |   | 1-Decanol, 2-hexyl-                 | 242 | C16H34O    | 002425-77-6  | 87   |
| 4       |   | Trifluoroacetic acid, n-octadecy... | 366 | C20H37F3O2 | 079392-43-1  | 81   |
| 5       |   | Bromoacetic acid, octadecyl ester   | 390 | C20H39BrO2 | 018992-03-5  | 74   |





Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102015\  
Data File : BG019265.D  
Acq On : 20 Oct 2015 20:08  
Operator : UM/NP  
Sample : G4074-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JG9K3

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

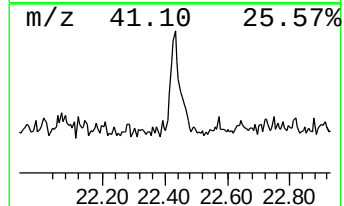
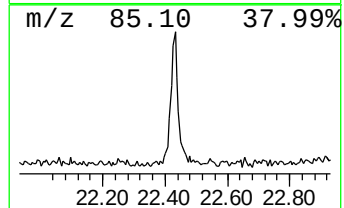
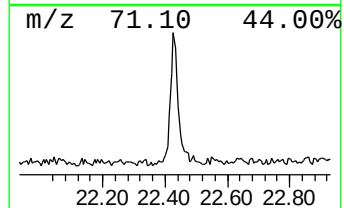
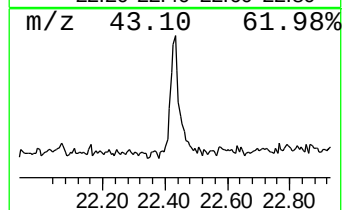
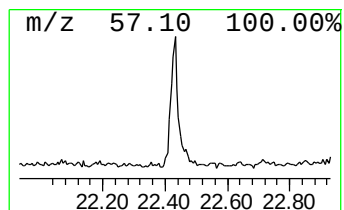
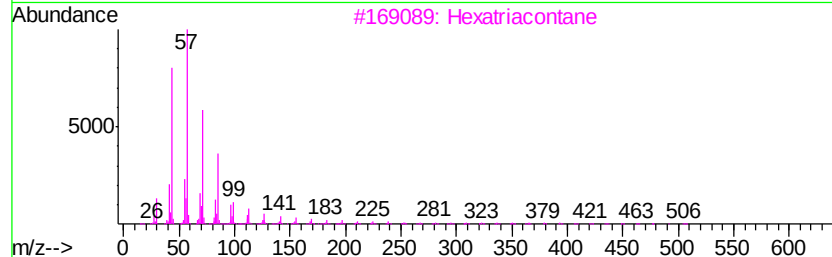
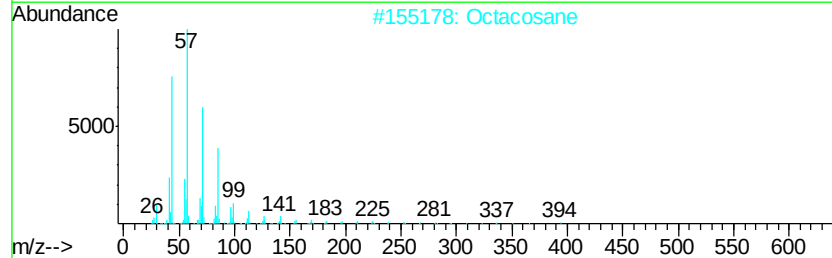
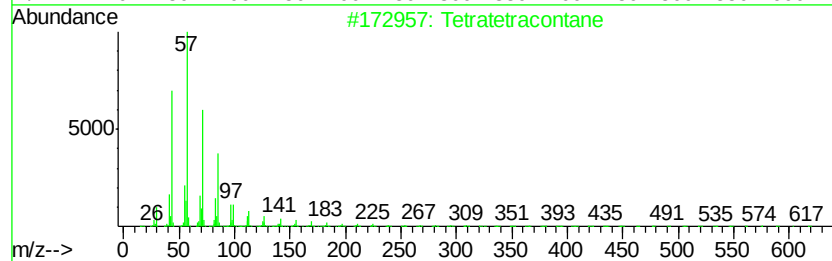
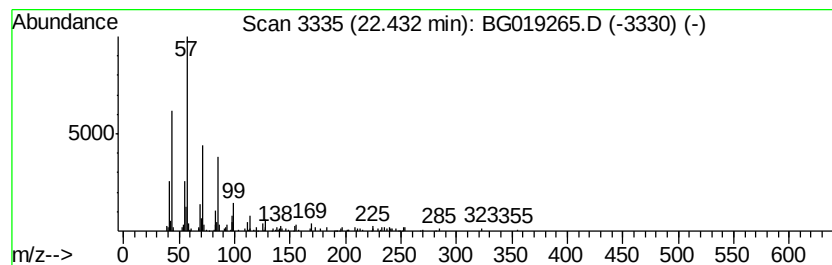
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 22.43 | 4.57 ng/ul | 96853 | Chrysene-d12     | 21.63 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 87   |
| 2    |    | Octacosane        | 394 | C28H58  | 000630-02-4 | 87   |
| 3    |    | Hexatriacontane   | 507 | C36H74  | 000630-06-8 | 83   |
| 4    |    | Octadecane        | 254 | C18H38  | 000593-45-3 | 83   |
| 5    |    | Eicosane          | 282 | C20H42  | 000112-95-8 | 80   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102015\  
Data File : BG019265.D  
Acq On : 20 Oct 2015 20:08  
Operator : UM/NP  
Sample : G4074-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JG9K3

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

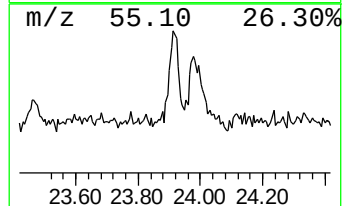
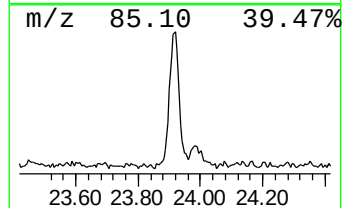
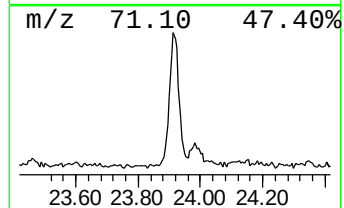
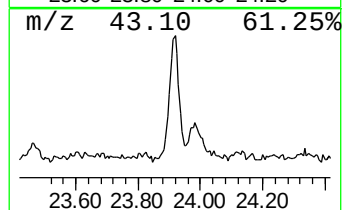
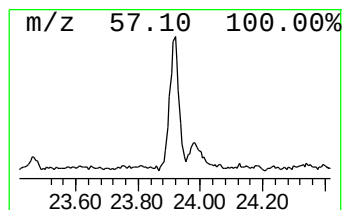
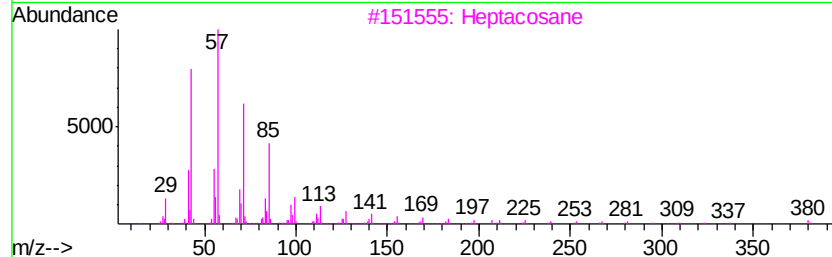
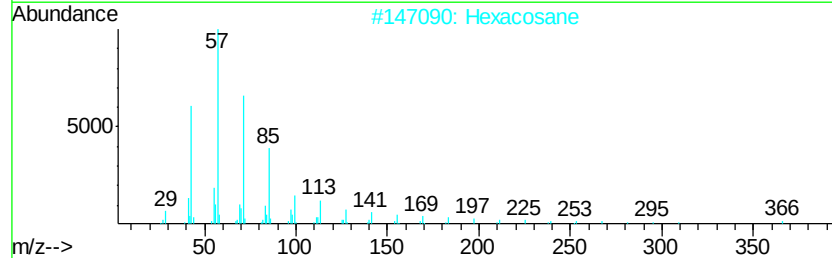
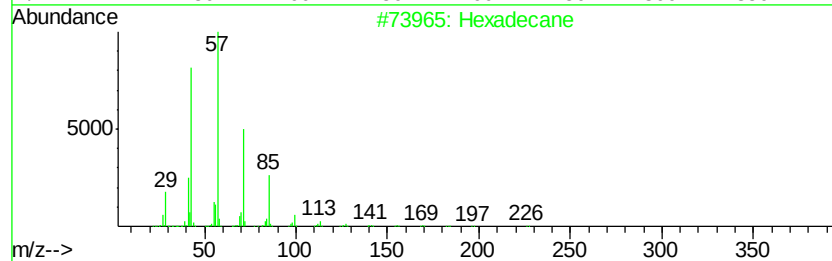
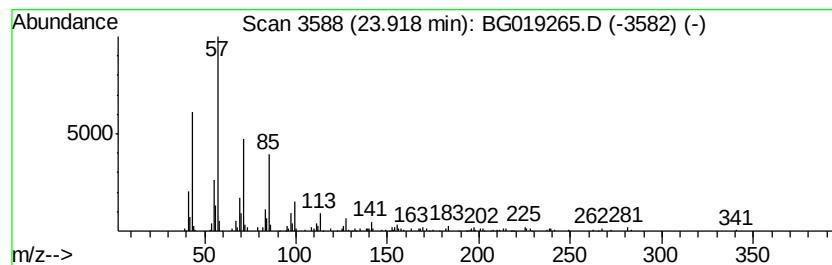
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.92 | 7.48 ng/ul | 152774 | Perylene-d12     | 24.83 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane          | 226 | C16H34  | 000544-76-3 | 93   |
| 2    |    |   | Hexacosane          | 366 | C26H54  | 000630-01-3 | 91   |
| 3    |    |   | Heptacosane         | 380 | C27H56  | 000593-49-7 | 91   |
| 4    |    |   | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8 | 87   |
| 5    |    |   | Hexatriacontane     | 507 | C36H74  | 000630-06-8 | 87   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102015\  
Data File : BG019265.D  
Acq On : 20 Oct 2015 20:08  
Operator : UM/NP  
Sample : G4074-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JG9K3

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

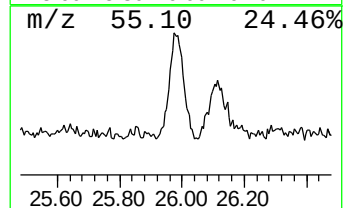
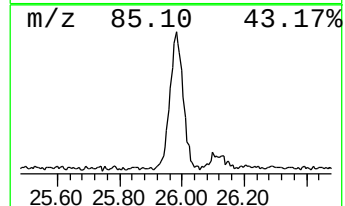
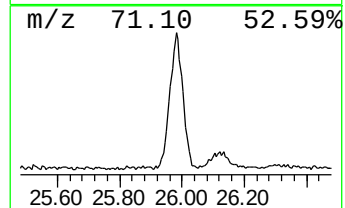
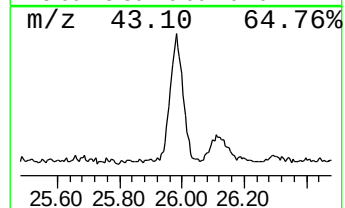
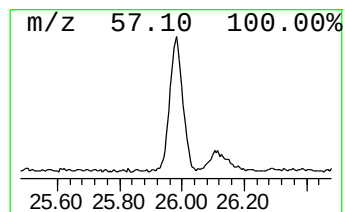
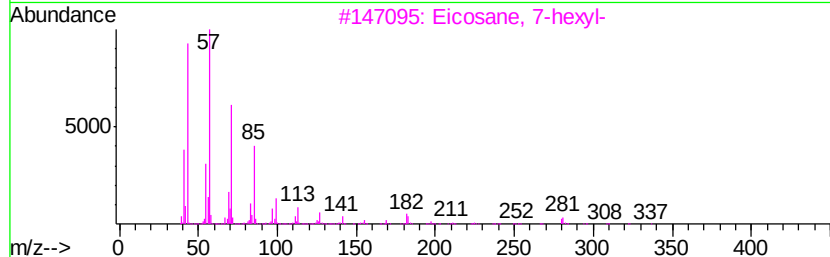
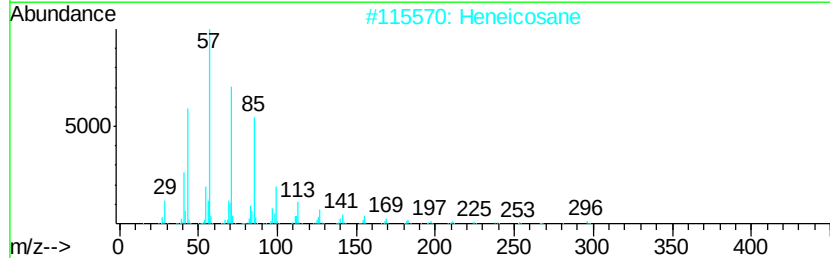
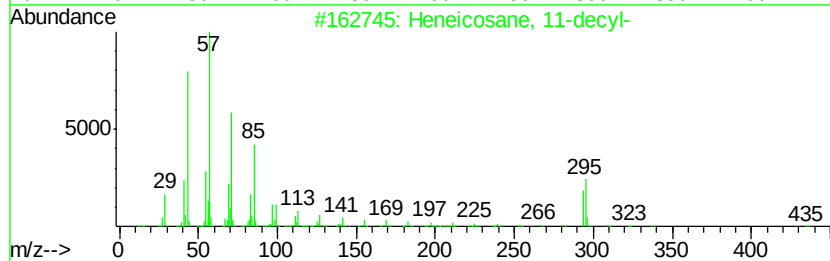
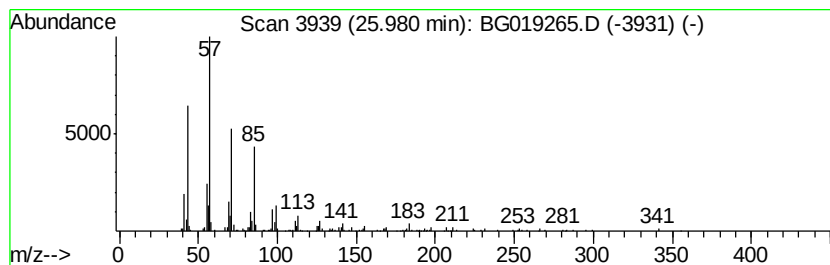
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 25.98 | 14.91 ng/ul | 304420 | Perylene-d12     | 24.83 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 91   |
| 2    |    | Heneicosane            | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    | Eicosane, 7-hexyl-     | 366 | C26H54  | 055333-99-8 | 90   |
| 4    |    | Octadecane             | 254 | C18H38  | 000593-45-3 | 87   |
| 5    |    | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 87   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102015\  
Data File : BG019265.D  
Acq On : 20 Oct 2015 20:08  
Operator : UM/NP  
Sample : G4074-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JG9K3

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 3.16  | 51.7    | ng/ul | 236781   | 1                     | 7.99  | 91591  | 20.0 |
| n-Hexadecanoic acid  | 18.26 | 6.9     | ng/ul | 117615   | 4                     | 17.37 | 338795 | 20.0 |
| Pentadecanoic acid   | 19.53 | 2.8     | ng/ul | 59935    | 5                     | 21.63 | 424305 | 20.0 |
| Methoxyacetic aci... | 21.28 | 5.8     | ng/ul | 123785   | 5                     | 21.63 | 424305 | 20.0 |
| (DEL) Alkane: Str... | 22.43 | 4.6     | ng/ul | 96853    | 5                     | 21.63 | 424305 | 20.0 |
| (DEL) Alkane: Str... | 23.92 | 7.5     | ng/ul | 152774   | 6                     | 24.83 | 408266 | 20.0 |
| (DEL) Alkane: Str... | 25.98 | 14.9    | ng/ul | 304420   | 6                     | 24.83 | 408266 | 20.0 |