

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
 Data File : BG018131.D  
 Acq On : 28 Jul 2015 2:02  
 Operator : TP/UM  
 Sample : G3048-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C01S8

## 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-BG072315.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         | 3.011       | 52            | 55          | 58           | rBV2     | 7285           | 9048          | 0.99%           | 0.073%        |
| 2         | 3.281       | 99            | 101         | 102          | rBV      | 6992           | 4923          | 0.54%           | 0.040%        |
| 3         | 6.031       | 566           | 569         | 576          | rBV2     | 15206          | 22659         | 2.47%           | 0.183%        |
| 4         | 6.689       | 676           | 681         | 693          | rVB      | 147811         | 229183        | 24.95%          | 1.854%        |
| 5         | 6.848       | 703           | 708         | 715          | rBV      | 115340         | 175404        | 19.10%          | 1.419%        |
| 6         | 7.042       | 735           | 741         | 748          | rBV      | 159223         | 246117        | 26.79%          | 1.991%        |
| 7         | 7.112       | 751           | 753         | 758          | rBV5     | 2944           | 5102          | 0.56%           | 0.041%        |
| 8         | 7.506       | 814           | 820         | 826          | rBV      | 129400         | 197744        | 21.53%          | 1.599%        |
| 9         | 7.876       | 881           | 883         | 889          | rVB5     | 3292           | 4740          | 0.52%           | 0.038%        |
| 10        | 8.223       | 936           | 942         | 951          | rBV      | 215410         | 327860        | 35.69%          | 2.652%        |
| 11        | 8.658       | 1010          | 1016        | 1027         | rVB      | 141992         | 229245        | 24.96%          | 1.854%        |
| 12        | 9.380       | 1133          | 1139        | 1146         | rVB      | 124063         | 202232        | 22.02%          | 1.636%        |
| 13        | 9.915       | 1224          | 1230        | 1241         | rVB      | 219932         | 353551        | 38.49%          | 2.860%        |
| 14        | 10.073      | 1253          | 1257        | 1262         | rBV3     | 11394          | 16538         | 1.80%           | 0.134%        |
| 15        | 10.285      | 1287          | 1293        | 1301         | rVB      | 199655         | 324634        | 35.34%          | 2.626%        |
| 16        | 10.432      | 1311          | 1318        | 1326         | rBV      | 188665         | 309386        | 33.68%          | 2.502%        |
| 17        | 12.518      | 1669          | 1673        | 1684         | rVB2     | 11651          | 17444         | 1.90%           | 0.141%        |
| 18        | 12.776      | 1711          | 1717        | 1722         | rBV2     | 17357          | 23301         | 2.54%           | 0.188%        |
| 19        | 13.599      | 1850          | 1857        | 1861         | rBV      | 388700         | 537548        | 58.52%          | 4.348%        |
| 20        | 13.646      | 1861          | 1865        | 1870         | rVV      | 165855         | 226498        | 24.66%          | 1.832%        |
| 21        | 13.863      | 1895          | 1902        | 1909         | rVB      | 425756         | 639192        | 69.59%          | 5.170%        |
| 22        | 14.180      | 1949          | 1956        | 1963         | rVB2     | 318175         | 479210        | 52.17%          | 3.876%        |
| 23        | 14.398      | 1987          | 1993        | 2001         | rBV      | 171215         | 241963        | 26.34%          | 1.957%        |
| 24        | 14.551      | 2016          | 2019        | 2023         | rVB2     | 1553           | 2023          | 0.22%           | 0.016%        |
| 25        | 14.633      | 2030          | 2033        | 2036         | rBV3     | 2160           | 1999          | 0.22%           | 0.016%        |
| 26        | 15.021      | 2090          | 2099        | 2103         | rBV2     | 8010           | 12559         | 1.37%           | 0.102%        |
| 27        | 15.050      | 2103          | 2104        | 2109         | rVB3     | 2594           | 2537          | 0.28%           | 0.021%        |
| 28        | 15.179      | 2119          | 2126        | 2134         | rVB      | 565236         | 772514        | 84.10%          | 6.248%        |
| 29        | 15.309      | 2142          | 2148        | 2155         | rVV      | 139449         | 186001        | 20.25%          | 1.504%        |
| 30        | 15.420      | 2164          | 2167        | 2170         | rVB3     | 2380           | 2329          | 0.25%           | 0.019%        |
| 31        | 15.555      | 2185          | 2190        | 2195         | rBV2     | 3217           | 4788          | 0.52%           | 0.039%        |
| 32        | 15.920      | 2248          | 2252        | 2256         | rBV      | 5516           | 7231          | 0.79%           | 0.058%        |
| 33        | 16.090      | 2276          | 2281        | 2285         | rVB4     | 4980           | 6186          | 0.67%           | 0.050%        |
| 34        | 16.207      | 2296          | 2301        | 2306         | rVB      | 3972           | 4833          | 0.53%           | 0.039%        |

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Integrator: RTE  
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 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-BG072315.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 35 | 16.260 | 2306 | 2310 | 2313 | rBV3 | 1595   | 1731   | 0.19%   | 0.014% |
| 36 | 16.366 | 2324 | 2328 | 2334 | rBV5 | 6212   | 10880  | 1.18%   | 0.088% |
| 37 | 16.431 | 2334 | 2339 | 2341 | rVV4 | 1497   | 2720   | 0.30%   | 0.022% |
| 38 | 16.713 | 2384 | 2387 | 2392 | rVV3 | 7481   | 9533   | 1.04%   | 0.077% |
| 39 | 16.766 | 2392 | 2396 | 2400 | rVB2 | 2725   | 4263   | 0.46%   | 0.034% |
| 40 | 16.936 | 2418 | 2425 | 2431 | rVV2 | 420787 | 591750 | 64.42%  | 4.786% |
| 41 | 17.030 | 2435 | 2441 | 2449 | rVB2 | 582147 | 807506 | 87.91%  | 6.531% |
| 42 | 17.142 | 2457 | 2460 | 2464 | rVB2 | 1785   | 2173   | 0.24%   | 0.018% |
| 43 | 17.242 | 2472 | 2477 | 2479 | rBV2 | 2333   | 2921   | 0.32%   | 0.024% |
| 44 | 17.341 | 2489 | 2494 | 2503 | rVV4 | 6811   | 13527  | 1.47%   | 0.109% |
| 45 | 17.453 | 2509 | 2513 | 2518 | rVV4 | 5798   | 7805   | 0.85%   | 0.063% |
| 46 | 17.547 | 2526 | 2529 | 2533 | rVV4 | 3383   | 3578   | 0.39%   | 0.029% |
| 47 | 17.623 | 2538 | 2542 | 2545 | rBV3 | 1697   | 2579   | 0.28%   | 0.021% |
| 48 | 17.729 | 2557 | 2560 | 2563 | rBV4 | 1758   | 2181   | 0.24%   | 0.018% |
| 49 | 17.817 | 2571 | 2575 | 2576 | rBV3 | 1132   | 1629   | 0.18%   | 0.013% |
| 50 | 17.864 | 2577 | 2583 | 2599 | rBV2 | 225910 | 386022 | 42.03%  | 3.122% |
| 51 | 18.146 | 2626 | 2631 | 2633 | rBV4 | 2700   | 3053   | 0.33%   | 0.025% |
| 52 | 18.229 | 2641 | 2645 | 2646 | rBV4 | 5498   | 6343   | 0.69%   | 0.051% |
| 53 | 18.317 | 2658 | 2660 | 2666 | rVV5 | 1571   | 2420   | 0.26%   | 0.020% |
| 54 | 18.411 | 2674 | 2676 | 2680 | rBV3 | 2985   | 4071   | 0.44%   | 0.033% |
| 55 | 18.440 | 2680 | 2681 | 2686 | rVB4 | 2601   | 1882   | 0.20%   | 0.015% |
| 56 | 18.569 | 2698 | 2703 | 2709 | rVB  | 286132 | 357252 | 38.89%  | 2.890% |
| 57 | 18.705 | 2721 | 2726 | 2728 | rBV3 | 8745   | 12077  | 1.31%   | 0.098% |
| 58 | 19.004 | 2772 | 2777 | 2778 | rBV2 | 24914  | 28793  | 3.13%   | 0.233% |
| 59 | 19.034 | 2778 | 2782 | 2784 | rVV3 | 43692  | 70467  | 7.67%   | 0.570% |
| 60 | 19.069 | 2784 | 2788 | 2795 | rVV  | 130487 | 185754 | 20.22%  | 1.502% |
| 61 | 19.151 | 2798 | 2802 | 2812 | rVV3 | 37557  | 72037  | 7.84%   | 0.583% |
| 62 | 19.227 | 2812 | 2815 | 2819 | rVV3 | 7247   | 11676  | 1.27%   | 0.094% |
| 63 | 19.257 | 2819 | 2820 | 2822 | rVV2 | 2899   | 1770   | 0.19%   | 0.014% |
| 64 | 19.280 | 2822 | 2824 | 2826 | rVV3 | 1927   | 2083   | 0.23%   | 0.017% |
| 65 | 19.339 | 2828 | 2834 | 2844 | rVV  | 673761 | 918538 | 100.00% | 7.429% |
| 66 | 19.562 | 2871 | 2872 | 2876 | rBV4 | 1677   | 2329   | 0.25%   | 0.019% |
| 67 | 19.727 | 2896 | 2900 | 2903 | rVV5 | 4025   | 5714   | 0.62%   | 0.046% |
| 68 | 19.774 | 2905 | 2908 | 2918 | rVB9 | 5020   | 11574  | 1.26%   | 0.094% |
| 69 | 19.868 | 2921 | 2924 | 2929 | rVV7 | 4157   | 6901   | 0.75%   | 0.056% |
| 70 | 19.915 | 2929 | 2932 | 2934 | rVB3 | 3537   | 3992   | 0.43%   | 0.032% |
| 71 | 20.009 | 2943 | 2948 | 2954 | rBV3 | 17448  | 22522  | 2.45%   | 0.182% |

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Start Thrs: 0.2  
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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-BG072315.M  
Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 20.091 | 2960 | 2962 | 2966 | rVB5 | 2410   | 2442   | 0.27%  | 0.020% |
| 73  | 20.162 | 2972 | 2974 | 2977 | rVB4 | 2256   | 1824   | 0.20%  | 0.015% |
| 74  | 20.209 | 2978 | 2982 | 2984 | rVV3 | 4722   | 5019   | 0.55%  | 0.041% |
| 75  | 20.244 | 2985 | 2988 | 2990 | rVB3 | 4828   | 5206   | 0.57%  | 0.042% |
| 76  | 20.297 | 2995 | 2997 | 3000 | rBV4 | 1688   | 1881   | 0.20%  | 0.015% |
| 77  | 20.367 | 3005 | 3009 | 3013 | rBV6 | 3068   | 4338   | 0.47%  | 0.035% |
| 78  | 20.408 | 3013 | 3016 | 3020 | rVB4 | 6555   | 7600   | 0.83%  | 0.061% |
| 79  | 20.520 | 3033 | 3035 | 3037 | rBV3 | 2553   | 2228   | 0.24%  | 0.018% |
| 80  | 20.667 | 3056 | 3060 | 3061 | rBV4 | 3034   | 3467   | 0.38%  | 0.028% |
| 81  | 20.867 | 3090 | 3094 | 3102 | rBV2 | 37659  | 58373  | 6.35%  | 0.472% |
| 82  | 20.937 | 3102 | 3106 | 3110 | rVB4 | 7548   | 11385  | 1.24%  | 0.092% |
| 83  | 21.072 | 3126 | 3129 | 3132 | rBV4 | 5436   | 6568   | 0.72%  | 0.053% |
| 84  | 21.137 | 3135 | 3140 | 3149 | rVV  | 569389 | 712935 | 77.62% | 5.766% |
| 85  | 21.307 | 3166 | 3169 | 3175 | rBV  | 21722  | 27195  | 2.96%  | 0.220% |
| 86  | 21.736 | 3238 | 3242 | 3245 | rBV  | 30400  | 40550  | 4.41%  | 0.328% |
| 87  | 22.189 | 3313 | 3319 | 3324 | rBV2 | 37104  | 55050  | 5.99%  | 0.445% |
| 88  | 22.306 | 3335 | 3339 | 3346 | rVB2 | 31427  | 48410  | 5.27%  | 0.392% |
| 89  | 22.606 | 3386 | 3390 | 3396 | rBV8 | 6344   | 11641  | 1.27%  | 0.094% |
| 90  | 22.682 | 3398 | 3403 | 3410 | rVB  | 43070  | 65213  | 7.10%  | 0.527% |
| 91  | 23.188 | 3482 | 3489 | 3495 | rBV2 | 489828 | 848510 | 92.38% | 6.863% |
| 92  | 23.235 | 3495 | 3497 | 3502 | rVV2 | 37443  | 55118  | 6.00%  | 0.446% |
| 93  | 23.329 | 3505 | 3513 | 3523 | rVB2 | 401222 | 735861 | 80.11% | 5.952% |
| 94  | 23.869 | 3598 | 3605 | 3612 | rBV2 | 37784  | 72104  | 7.85%  | 0.583% |
| 95  | 24.604 | 3724 | 3730 | 3737 | rBV2 | 23430  | 52548  | 5.72%  | 0.425% |
| 96  | 25.467 | 3869 | 3877 | 3883 | rBV6 | 15618  | 42919  | 4.67%  | 0.347% |
| 97  | 25.826 | 3936 | 3938 | 3939 | rBV2 | 2940   | 2324   | 0.25%  | 0.019% |
| 98  | 26.331 | 4014 | 4024 | 4028 | rBV9 | 23302  | 69643  | 7.58%  | 0.563% |
| 99  | 27.659 | 4248 | 4250 | 4251 | rBV2 | 4314   | 2751   | 0.30%  | 0.022% |
| 100 | 28.258 | 4351 | 4352 | 4355 | rBV3 | 3960   | 1978   | 0.22%  | 0.016% |

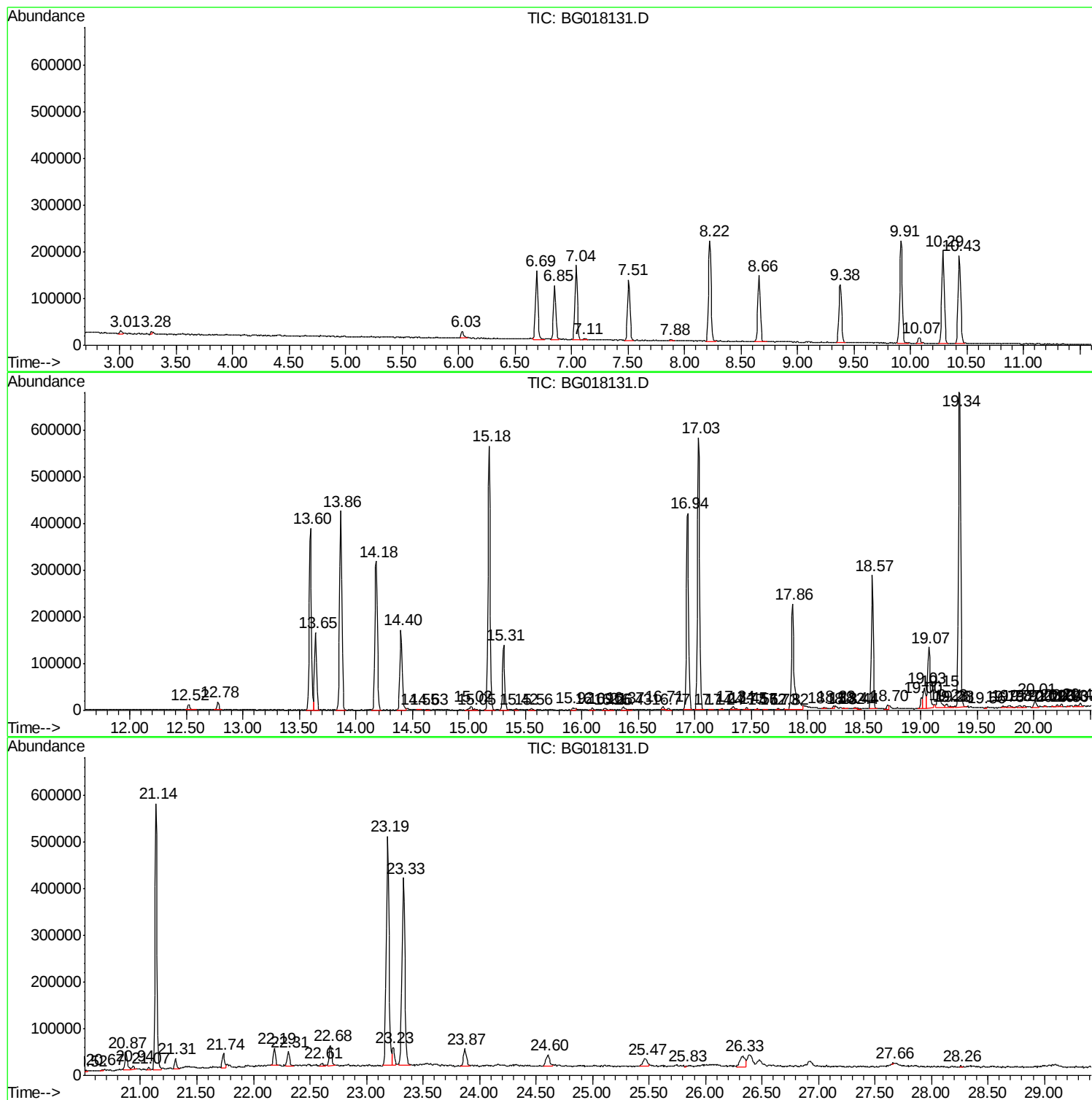
Sum of corrected areas: 12363649

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
Quant Title : SVOA CALIBRATION

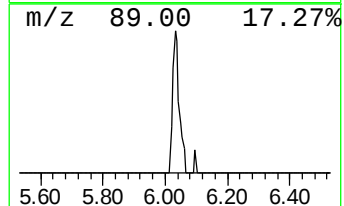
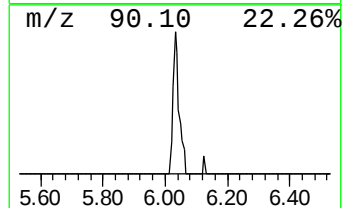
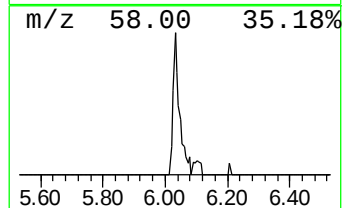
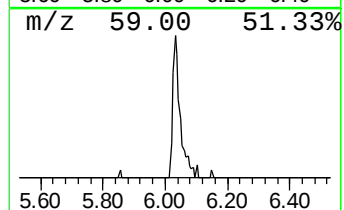
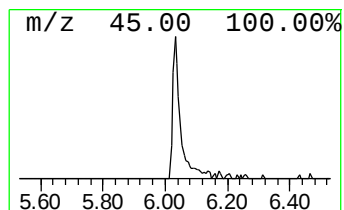
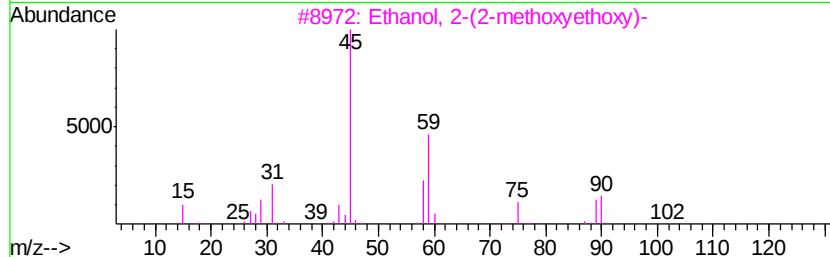
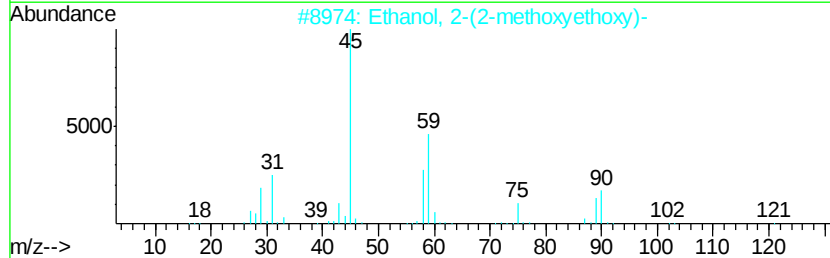
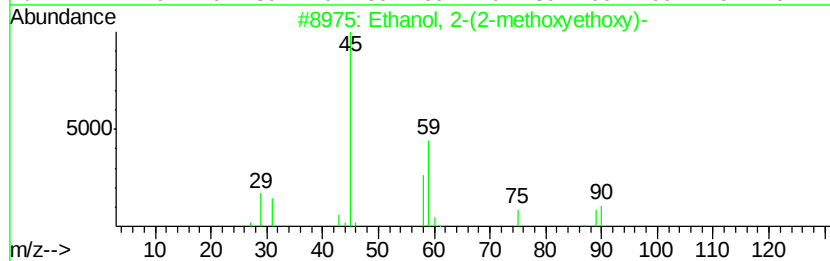
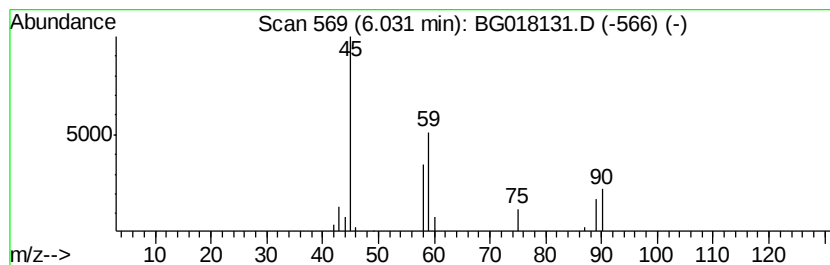
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 5

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 6.03 | 2.29 ng/ul | 22659 | 1,4-Dichlorobenzene-d4 | 7.51 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Ethanol, 2-(2-methoxyethoxy)-       | 120 | C5H12O3  | 000111-77-3 | 83   |
| 2    |    | Ethanol, 2-(2-methoxyethoxy)-       | 120 | C5H12O3  | 000111-77-3 | 83   |
| 3    |    | Ethanol, 2-(2-methoxyethoxy)-       | 120 | C5H12O3  | 000111-77-3 | 78   |
| 4    |    | Ethanol, 2-(2-methoxyethoxy)-       | 120 | C5H12O3  | 000111-77-3 | 64   |
| 5    |    | .beta.-Methoxyethoxymethyl chloride | 124 | C4H9ClO2 | 003970-21-6 | 64   |



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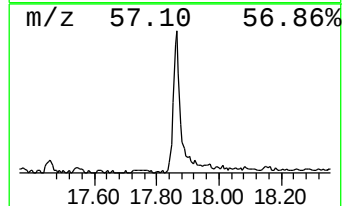
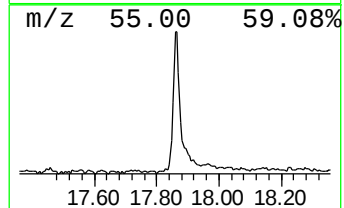
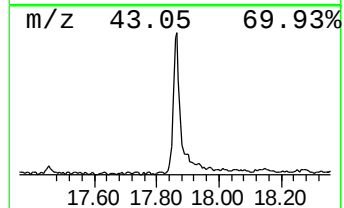
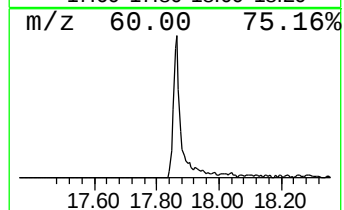
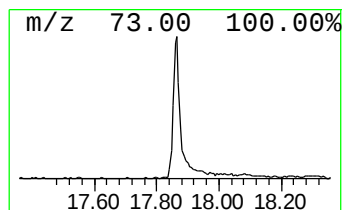
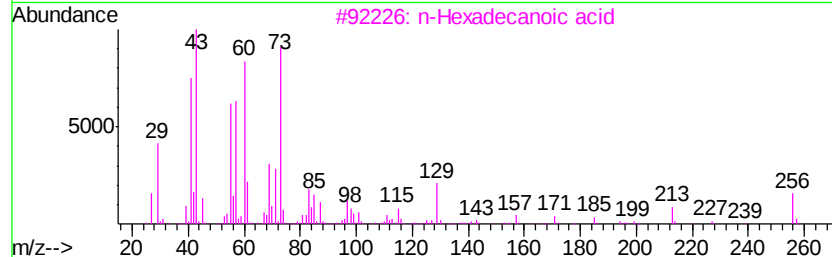
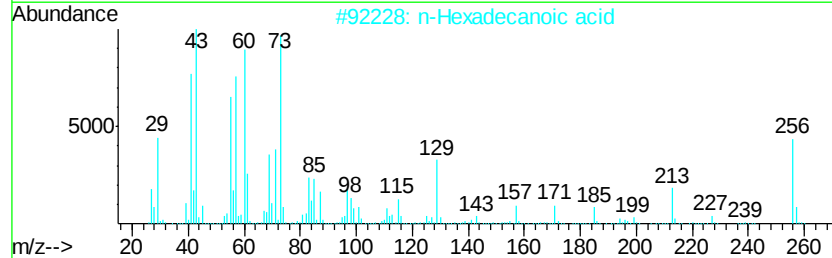
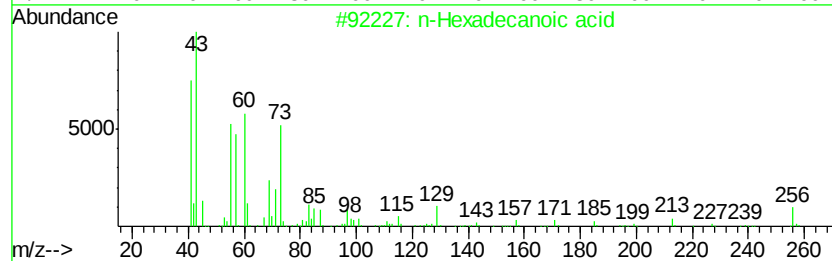
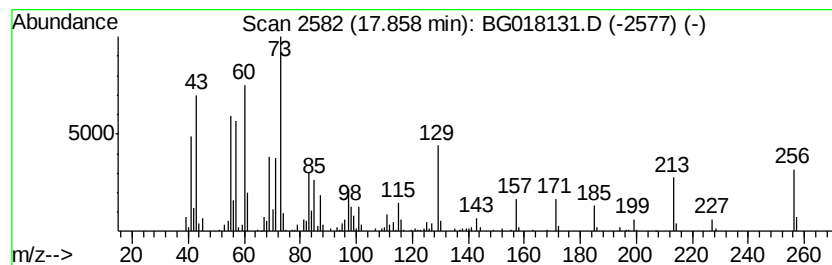
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.      | EstConc             | Area   | Relative to ISTD |             | R.T.  |
|-----------|---------------------|--------|------------------|-------------|-------|
| 17.86     | 13.05 ng/ul         | 386022 | Phenanthrene-d10 |             | 16.94 |
| 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 | 95    |
| 3         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 95    |
| 4         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 93    |
| 5         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 89    |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
Data File : BG018131.D  
Acq On : 28 Jul 2015 2:02  
Operator : TP/UM  
Sample : G3048-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C01S8

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
Quant Title : SVOA CALIBRATION

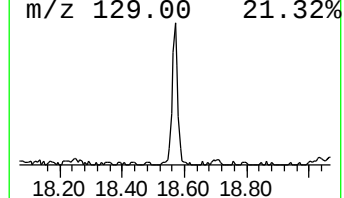
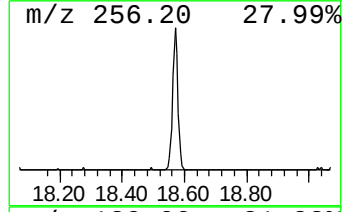
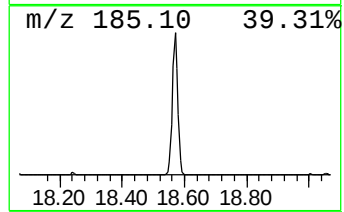
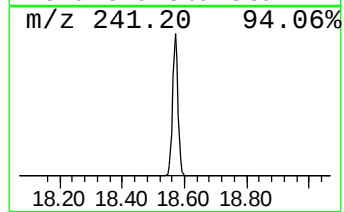
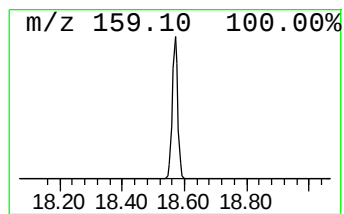
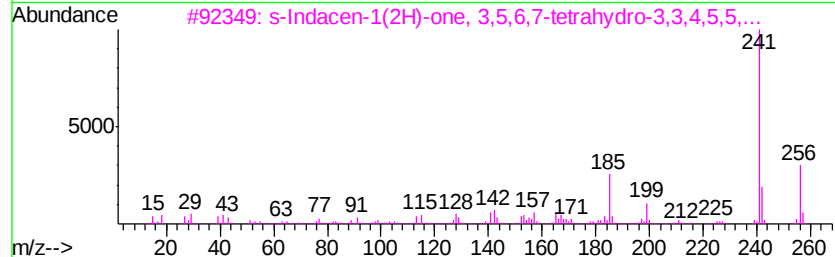
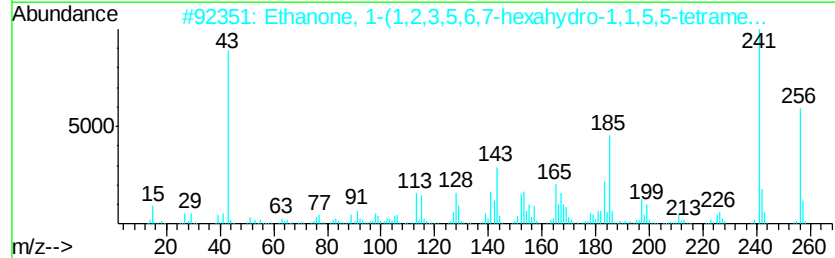
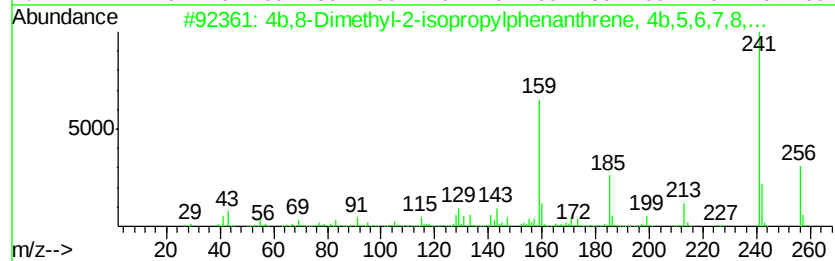
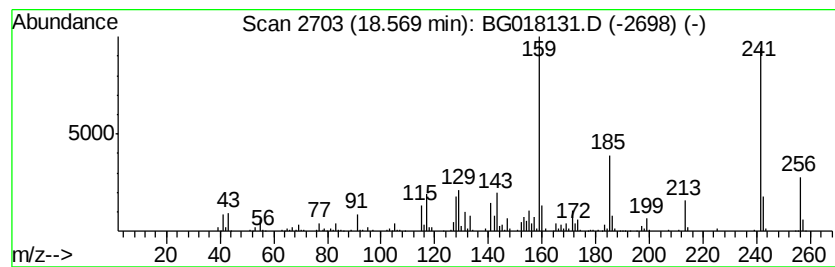
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 4b,8-Dimethyl-2-isopropylph... Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 18.57 | 12.07 ng/ul | 357252 | Phenanthrene-d10 | 16.94 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 4b,8-Dimethyl-2-isopropylphenant... | 256 | C19H28     | 1000197-14-1 | 97   |
| 2    |    | Ethanone, 1-(1,2,3,5,6,7-hexahyd... | 256 | C18H24O    | 056298-80-7  | 41   |
| 3    |    | s-Indacen-1(2H)-one, 3,5,6,7-tet... | 256 | C18H24O    | 038754-94-8  | 38   |
| 4    |    | Isoquinoline-4-carbonitrile, 1-e... | 256 | C15H16N2O2 | 1000259-91-1 | 30   |
| 5    |    | 1-Methyl-10,18-bisnorabieta-8,11... | 256 | C19H28     | 1000293-16-9 | 30   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
Data File : BG018131.D  
Acq On : 28 Jul 2015 2:02  
Operator : TP/UM  
Sample : G3048-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

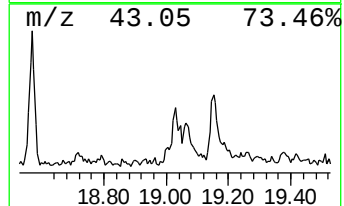
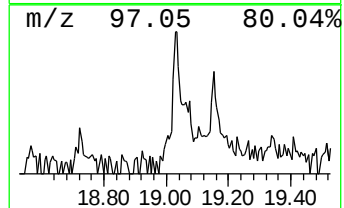
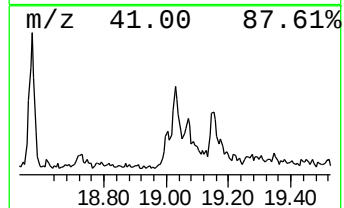
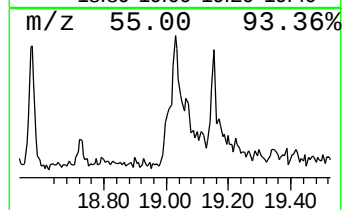
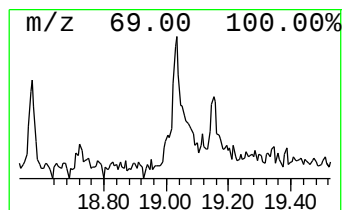
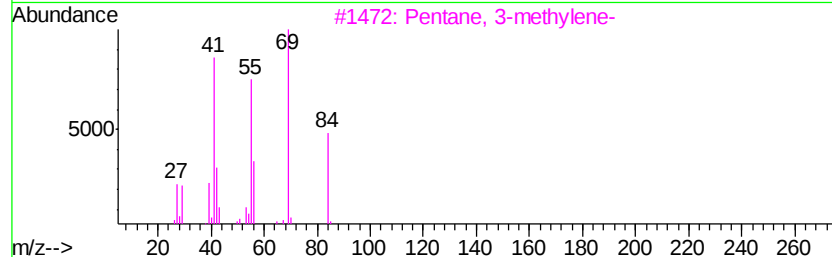
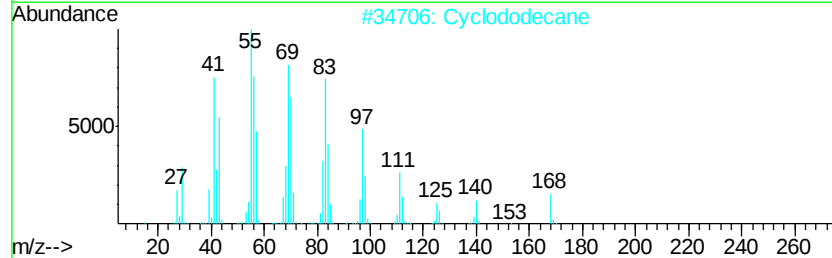
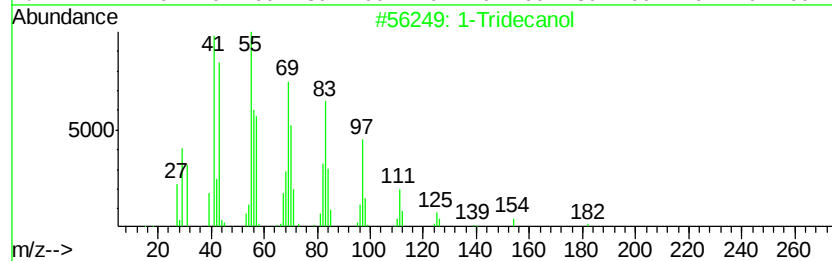
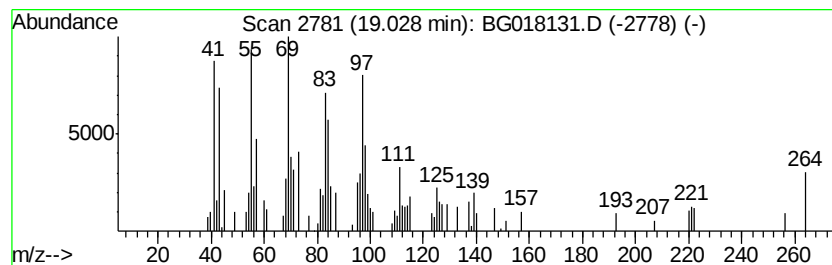
Instrument :  
BNA\_G  
ClientSampleId :  
C01S8

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 1-Tridecanol Concentration Rank 4

| R.T.    | EstConc                    | Area         | Relative to ISTD | R.T.      |
|---------|----------------------------|--------------|------------------|-----------|
| 19.03   | 2.38 ng/ul                 | 70467        | Phenanthrene-d10 | 16.94     |
| Hit# of | 5                          | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | 1-Tridecanol               | 200 C13H28O  | 000112-70-9      | 53        |
| 2       | Cyclododecane              | 168 C12H24   | 000294-62-2      | 53        |
| 3       | Pentane, 3-methylene-      | 84 C6H12     | 000760-21-4      | 38        |
| 4       | 3-Penten-2-one             | 84 C5H8O     | 000625-33-2      | 38        |
| 5       | 2-Pentene, 3-methyl-, (Z)- | 84 C6H12     | 000922-62-3      | 38        |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
Data File : BG018131.D  
Acq On : 28 Jul 2015 2:02  
Operator : TP/UM  
Sample : G3048-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C01S8

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
Quant Title : SVOA CALIBRATION

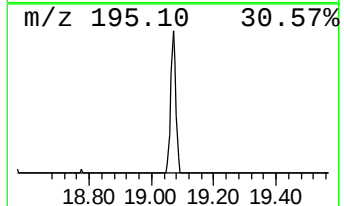
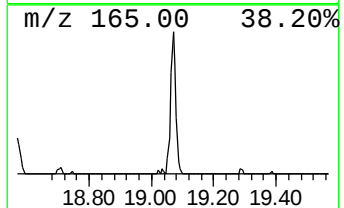
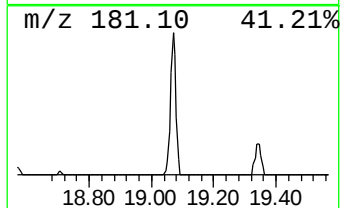
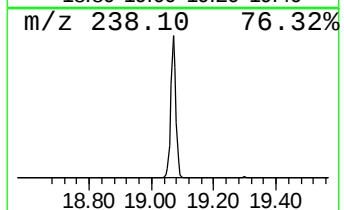
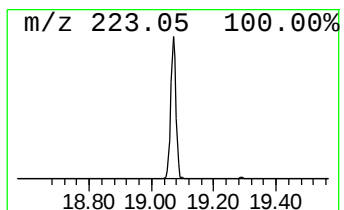
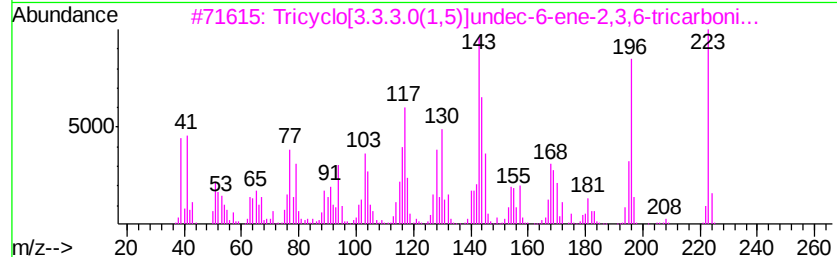
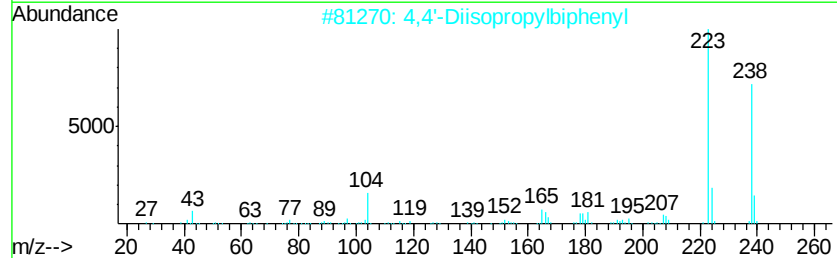
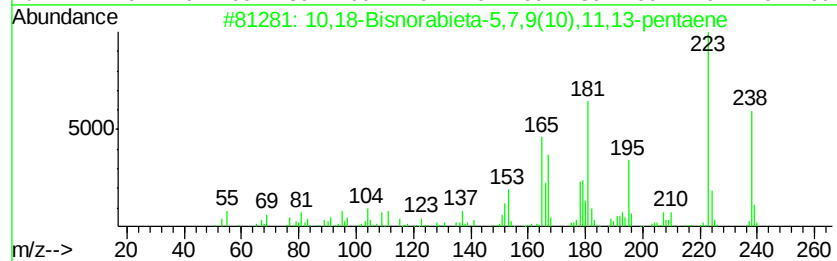
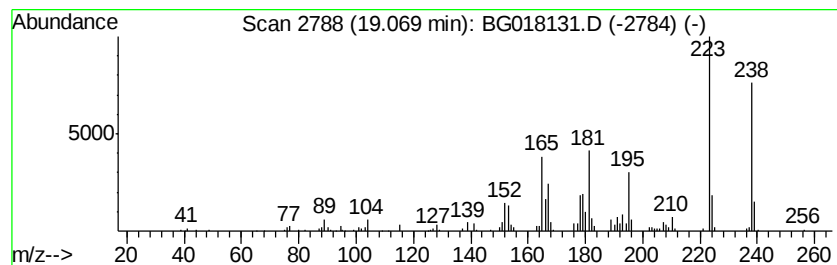
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.07 | 5.21 ng/ul | 185754 | Chrysene-d12     | 21.14 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 10,18-Bisnorabieta-5,7,9(10),11,... | 238 | C18H22   | 006566-19-4 | 99   |
| 2    |    | 4,4'-Diisopropylbiphenyl            | 238 | C18H22   | 018970-30-4 | 60   |
| 3    |    | Tricyclo[3.3.3.0(1,5)]undec-6-en... | 223 | C14H13N3 | 118894-71-6 | 56   |
| 4    |    | 3,4'-Diisopropylbiphenyl            | 238 | C18H22   | 061434-46-6 | 53   |
| 5    |    | Anthracene, 1,4-dimethoxy-          | 238 | C16H14O2 | 013076-29-4 | 53   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
Data File : BG018131.D  
Acq On : 28 Jul 2015 2:02  
Operator : TP/UM  
Sample : G3048-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C01S8

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
Quant Title : SVOA CALIBRATION

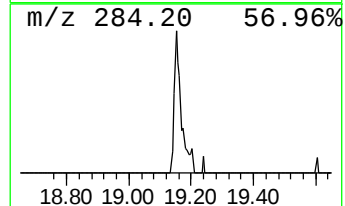
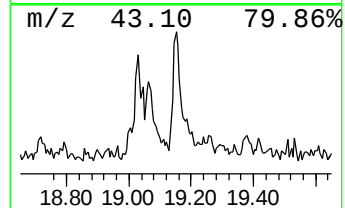
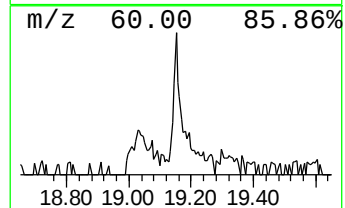
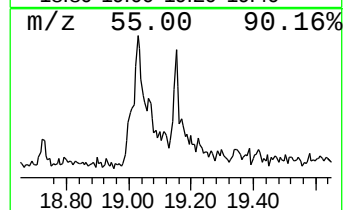
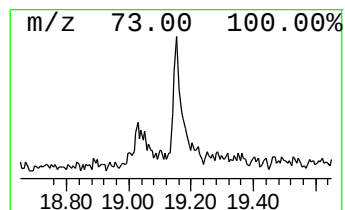
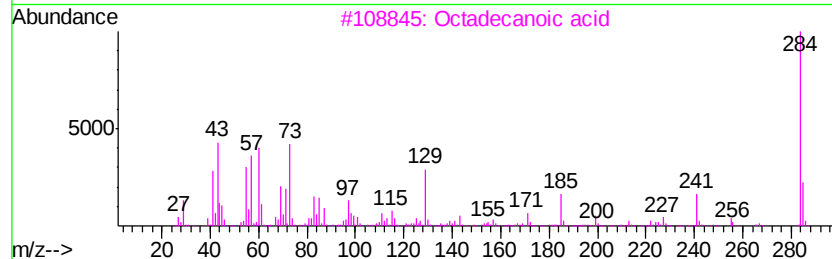
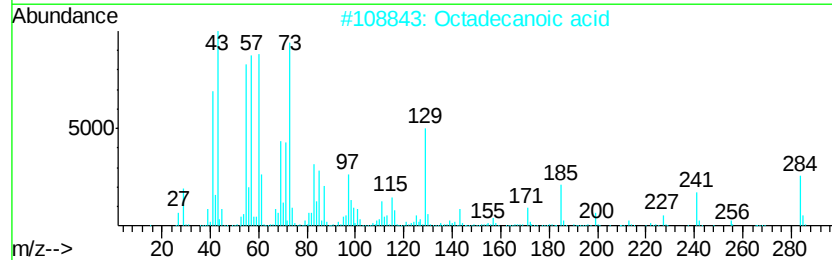
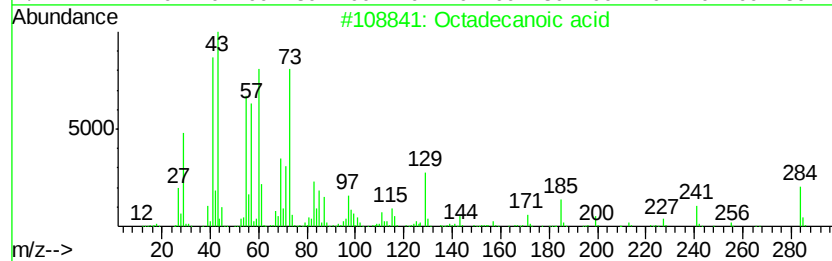
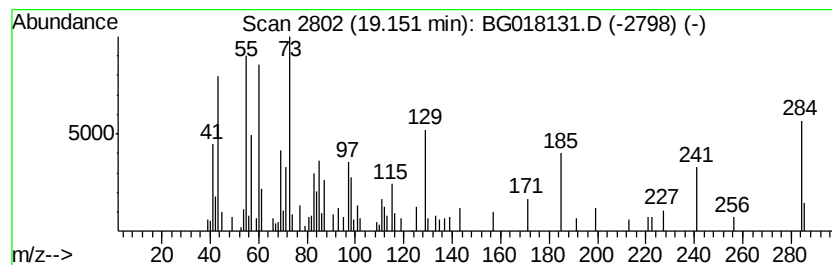
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Octadecanoic acid Concentration Rank 6

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 19.15 | 2.02 ng/ul | 72037 | Chrysene-d12     | 21.14 |

| Hit# | of | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 96   |
| 2    |    | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 93   |
| 3    |    | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 89   |
| 4    |    | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 87   |
| 5    |    | Octadecanoic acid, 2-(2-hydroxy... | 372 | C22H44O4 | 000106-11-6 | 80   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
Data File : BG018131.D  
Acq On : 28 Jul 2015 2:02  
Operator : TP/UM  
Sample : G3048-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C01S8

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.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 |
| Ethanol, 2-(2-met... | 6.03  | 2.3     | ng/ul | 22659    | 1                     | 7.51  | 197744 | 20.0 |
| n-Hexadecanoic acid  | 17.86 | 13.1    | ng/ul | 386022   | 4                     | 16.94 | 591750 | 20.0 |
| 4b,8-Dimethyl-2-i... | 18.57 | 12.1    | ng/ul | 357252   | 4                     | 16.94 | 591750 | 20.0 |
| 1-Tridecanol         | 19.03 | 2.4     | ng/ul | 70467    | 4                     | 16.94 | 591750 | 20.0 |
| 10,18-Bisnorabiet... | 19.07 | 5.2     | ng/ul | 185754   | 5                     | 21.14 | 712935 | 20.0 |
| Octadecanoic acid    | 19.15 | 2.0     | ng/ul | 72037    | 5                     | 21.14 | 712935 | 20.0 |