

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032015\  
 Data File : BG016083.D  
 Acq On : 21 Mar 2015 2:18  
 Operator : TP/IZ  
 Sample : G1565-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AE7

## 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\SOM01.2-EPA-BG031715.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         | 2.728       | 4             | 7           | 18           | rVB      | 28935          | 44482         | 3.34%           | 0.249%        |
| 2         | 2.945       | 38            | 44          | 52           | rBV      | 264156         | 461751        | 34.70%          | 2.589%        |
| 3         | 3.016       | 52            | 56          | 70           | rVB      | 574286         | 740410        | 55.64%          | 4.152%        |
| 4         | 3.791       | 186           | 188         | 194          | rBV6     | 2719           | 3557          | 0.27%           | 0.020%        |
| 5         | 4.919       | 374           | 380         | 386          | rVB2     | 20983          | 34017         | 2.56%           | 0.191%        |
| 6         | 6.958       | 718           | 727         | 738          | rBV2     | 204298         | 387218        | 29.10%          | 2.171%        |
| 7         | 7.134       | 749           | 757         | 768          | rVB      | 174900         | 263969        | 19.84%          | 1.480%        |
| 8         | 7.328       | 784           | 790         | 798          | rBV      | 188233         | 296094        | 22.25%          | 1.660%        |
| 9         | 7.422       | 801           | 806         | 811          | rBV2     | 6187           | 8873          | 0.67%           | 0.050%        |
| 10        | 7.798       | 864           | 870         | 877          | rBV      | 231309         | 360644        | 27.10%          | 2.022%        |
| 11        | 8.491       | 981           | 988         | 995          | rBV      | 231725         | 368808        | 27.72%          | 2.068%        |
| 12        | 8.614       | 1004          | 1009        | 1017         | rVB      | 26395          | 42397         | 3.19%           | 0.238%        |
| 13        | 8.949       | 1060          | 1066        | 1076         | rBV      | 180047         | 289979        | 21.79%          | 1.626%        |
| 14        | 9.666       | 1180          | 1188        | 1196         | rBV      | 137829         | 231910        | 17.43%          | 1.300%        |
| 15        | 9.813       | 1209          | 1213        | 1216         | rBV4     | 3577           | 6017          | 0.45%           | 0.034%        |
| 16        | 10.024      | 1244          | 1249        | 1254         | rVB3     | 3058           | 4631          | 0.35%           | 0.026%        |
| 17        | 10.200      | 1272          | 1279        | 1287         | rVV      | 229452         | 367578        | 27.62%          | 2.061%        |
| 18        | 10.582      | 1337          | 1344        | 1357         | rBV      | 343747         | 573897        | 43.13%          | 3.218%        |
| 19        | 10.717      | 1360          | 1367        | 1379         | rBV2     | 151664         | 263785        | 19.82%          | 1.479%        |
| 20        | 11.363      | 1472          | 1477        | 1484         | rVB2     | 3249           | 5964          | 0.45%           | 0.033%        |
| 21        | 11.898      | 1562          | 1568        | 1574         | rBV      | 9138           | 15597         | 1.17%           | 0.087%        |
| 22        | 12.168      | 1611          | 1614        | 1619         | rVB3     | 4122           | 6119          | 0.46%           | 0.034%        |
| 23        | 12.773      | 1710          | 1717        | 1721         | rBV3     | 2501           | 4128          | 0.31%           | 0.023%        |
| 24        | 13.032      | 1756          | 1761        | 1764         | rBV3     | 3665           | 4691          | 0.35%           | 0.026%        |
| 25        | 13.602      | 1853          | 1858        | 1861         | rVB2     | 2759           | 3243          | 0.24%           | 0.018%        |
| 26        | 13.831      | 1890          | 1897        | 1902         | rBV      | 412207         | 559357        | 42.04%          | 3.137%        |
| 27        | 13.878      | 1902          | 1905        | 1912         | rVB      | 61640          | 76360         | 5.74%           | 0.428%        |
| 28        | 14.113      | 1939          | 1945        | 1953         | rVB      | 476085         | 704299        | 52.93%          | 3.949%        |
| 29        | 14.318      | 1977          | 1980        | 1985         | rVB3     | 4552           | 6099          | 0.46%           | 0.034%        |
| 30        | 14.424      | 1991          | 1998        | 2005         | rBV2     | 553351         | 823324        | 61.87%          | 4.617%        |
| 31        | 14.483      | 2005          | 2008        | 2014         | rVB3     | 4500           | 5877          | 0.44%           | 0.033%        |
| 32        | 14.606      | 2023          | 2029        | 2041         | rBV      | 192734         | 291828        | 21.93%          | 1.636%        |
| 33        | 14.694      | 2041          | 2044        | 2050         | rVV5     | 4736           | 7079          | 0.53%           | 0.040%        |
| 34        | 14.765      | 2052          | 2056        | 2062         | rVV      | 9760           | 13231         | 0.99%           | 0.074%        |

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 ClientSampleId :  
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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\SOM01.2-EPA-BG031715.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 14.835 | 2062 | 2068 | 2077 | rVV3 | 26298  | 42581   | 3.20%  | 0.239% |
| 36 | 15.240 | 2133 | 2137 | 2140 | rVV  | 5015   | 6479    | 0.49%  | 0.036% |
| 37 | 15.270 | 2140 | 2142 | 2148 | rVB2 | 4809   | 6078    | 0.46%  | 0.034% |
| 38 | 15.411 | 2159 | 2166 | 2173 | rBV  | 612696 | 877885  | 65.97% | 4.923% |
| 39 | 15.470 | 2173 | 2176 | 2179 | rVB3 | 4143   | 5612    | 0.42%  | 0.031% |
| 40 | 15.522 | 2179 | 2185 | 2195 | rBV  | 168686 | 236782  | 17.79% | 1.328% |
| 41 | 15.652 | 2202 | 2207 | 2214 | rVB5 | 6046   | 10030   | 0.75%  | 0.056% |
| 42 | 15.775 | 2217 | 2228 | 2234 | rVV  | 45322  | 60442   | 4.54%  | 0.339% |
| 43 | 16.133 | 2285 | 2289 | 2293 | rBV5 | 4071   | 6604    | 0.50%  | 0.037% |
| 44 | 16.310 | 2315 | 2319 | 2321 | rVB4 | 2527   | 2940    | 0.22%  | 0.016% |
| 45 | 16.368 | 2324 | 2329 | 2331 | rVV4 | 1982   | 3015    | 0.23%  | 0.017% |
| 46 | 16.468 | 2344 | 2346 | 2350 | rBV4 | 2111   | 3037    | 0.23%  | 0.017% |
| 47 | 16.809 | 2402 | 2404 | 2410 | rVB6 | 2109   | 3012    | 0.23%  | 0.017% |
| 48 | 16.915 | 2416 | 2422 | 2426 | rVV6 | 7847   | 15044   | 1.13%  | 0.084% |
| 49 | 16.944 | 2426 | 2427 | 2431 | rVV4 | 4768   | 6895    | 0.52%  | 0.039% |
| 50 | 16.979 | 2431 | 2433 | 2436 | rVV2 | 4170   | 3935    | 0.30%  | 0.022% |
| 51 | 17.161 | 2457 | 2464 | 2469 | rBV2 | 779743 | 1068953 | 80.33% | 5.994% |
| 52 | 17.203 | 2469 | 2471 | 2475 | rVV  | 47678  | 52830   | 3.97%  | 0.296% |
| 53 | 17.255 | 2475 | 2480 | 2490 | rVB2 | 649255 | 980791  | 73.71% | 5.500% |
| 54 | 17.567 | 2528 | 2533 | 2540 | rVB3 | 9089   | 14176   | 1.07%  | 0.079% |
| 55 | 17.655 | 2544 | 2548 | 2551 | rBV5 | 3722   | 5004    | 0.38%  | 0.028% |
| 56 | 17.931 | 2590 | 2595 | 2596 | rBV4 | 3133   | 4766    | 0.36%  | 0.027% |
| 57 | 18.054 | 2606 | 2616 | 2625 | rBV2 | 155631 | 272600  | 20.49% | 1.529% |
| 58 | 18.166 | 2631 | 2635 | 2637 | rVB5 | 4260   | 6095    | 0.46%  | 0.034% |
| 59 | 18.231 | 2641 | 2646 | 2649 | rBV2 | 10771  | 19661   | 1.48%  | 0.110% |
| 60 | 18.342 | 2660 | 2665 | 2666 | rBV5 | 3472   | 4907    | 0.37%  | 0.028% |
| 61 | 18.536 | 2694 | 2698 | 2700 | rBV  | 7041   | 8235    | 0.62%  | 0.046% |
| 62 | 18.571 | 2702 | 2704 | 2709 | rVB5 | 6710   | 8282    | 0.62%  | 0.046% |
| 63 | 18.624 | 2709 | 2713 | 2717 | rBV  | 9347   | 12350   | 0.93%  | 0.069% |
| 64 | 18.747 | 2731 | 2734 | 2736 | rVV4 | 3432   | 3161    | 0.24%  | 0.018% |
| 65 | 18.777 | 2737 | 2739 | 2744 | rVB5 | 3220   | 3892    | 0.29%  | 0.022% |
| 66 | 18.818 | 2744 | 2746 | 2748 | rBV2 | 4418   | 5182    | 0.39%  | 0.029% |
| 67 | 18.853 | 2749 | 2752 | 2757 | rVB  | 10076  | 13881   | 1.04%  | 0.078% |
| 68 | 18.906 | 2757 | 2761 | 2764 | rBV4 | 6479   | 8613    | 0.65%  | 0.048% |
| 69 | 18.941 | 2764 | 2767 | 2772 | rBV7 | 11465  | 18843   | 1.42%  | 0.106% |
| 70 | 18.977 | 2772 | 2773 | 2775 | rVV2 | 3338   | 3128    | 0.24%  | 0.018% |
| 71 | 19.012 | 2777 | 2779 | 2783 | rVB4 | 3118   | 4145    | 0.31%  | 0.023% |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-BG031715.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 72  | 19.088 | 2787 | 2792 | 2796 | rBV7 | 9912   | 18941   | 1.42%   | 0.106% |
| 73  | 19.182 | 2805 | 2808 | 2809 | rBV2 | 8110   | 8980    | 0.67%   | 0.050% |
| 74  | 19.212 | 2809 | 2813 | 2818 | rVB  | 108841 | 137793  | 10.36%  | 0.773% |
| 75  | 19.270 | 2821 | 2823 | 2827 | rVB5 | 8036   | 10127   | 0.76%   | 0.057% |
| 76  | 19.329 | 2827 | 2833 | 2843 | rBV2 | 88716  | 167071  | 12.56%  | 0.937% |
| 77  | 19.435 | 2849 | 2851 | 2854 | rBV2 | 6272   | 5963    | 0.45%   | 0.033% |
| 78  | 19.546 | 2864 | 2870 | 2884 | rBV3 | 807721 | 1192225 | 89.60%  | 6.686% |
| 79  | 19.752 | 2903 | 2905 | 2908 | rVV3 | 5395   | 4887    | 0.37%   | 0.027% |
| 80  | 19.899 | 2926 | 2930 | 2934 | rBV6 | 6449   | 13433   | 1.01%   | 0.075% |
| 81  | 20.063 | 2954 | 2958 | 2961 | rBV2 | 21385  | 31645   | 2.38%   | 0.177% |
| 82  | 20.146 | 2969 | 2972 | 2973 | rBV3 | 6312   | 7698    | 0.58%   | 0.043% |
| 83  | 20.169 | 2973 | 2976 | 2980 | rVB3 | 14409  | 16999   | 1.28%   | 0.095% |
| 84  | 20.222 | 2980 | 2985 | 2989 | rBV3 | 10873  | 19690   | 1.48%   | 0.110% |
| 85  | 20.369 | 3006 | 3010 | 3015 | rBV6 | 13712  | 24195   | 1.82%   | 0.136% |
| 86  | 20.410 | 3015 | 3017 | 3020 | rVV4 | 7145   | 8097    | 0.61%   | 0.045% |
| 87  | 20.522 | 3033 | 3036 | 3039 | rBV4 | 16036  | 17553   | 1.32%   | 0.098% |
| 88  | 20.580 | 3041 | 3046 | 3049 | rBV4 | 25554  | 37561   | 2.82%   | 0.211% |
| 89  | 20.733 | 3070 | 3072 | 3074 | rBV3 | 6536   | 5367    | 0.40%   | 0.030% |
| 90  | 21.039 | 3118 | 3124 | 3133 | rBV  | 484455 | 653756  | 49.13%  | 3.666% |
| 91  | 21.326 | 3167 | 3173 | 3178 | rBV  | 998164 | 1330682 | 100.00% | 7.462% |
| 92  | 21.479 | 3196 | 3199 | 3203 | rBV  | 50707  | 56715   | 4.26%   | 0.318% |
| 93  | 21.931 | 3270 | 3276 | 3286 | rVB4 | 46281  | 104992  | 7.89%   | 0.589% |
| 94  | 22.390 | 3351 | 3354 | 3358 | rVB2 | 31676  | 40389   | 3.04%   | 0.226% |
| 95  | 22.912 | 3438 | 3443 | 3450 | rBV4 | 73585  | 178112  | 13.39%  | 0.999% |
| 96  | 23.471 | 3531 | 3538 | 3553 | rVB2 | 458600 | 1021312 | 76.75%  | 5.727% |
| 97  | 23.617 | 3555 | 3563 | 3576 | rVB2 | 642542 | 1275470 | 95.85%  | 7.152% |
| 98  | 24.164 | 3652 | 3656 | 3663 | rVB2 | 41218  | 78167   | 5.87%   | 0.438% |
| 99  | 24.252 | 3666 | 3671 | 3679 | rBV2 | 57155  | 123846  | 9.31%   | 0.694% |
| 100 | 26.795 | 4095 | 4104 | 4113 | rVB2 | 46990  | 154133  | 11.58%  | 0.864% |

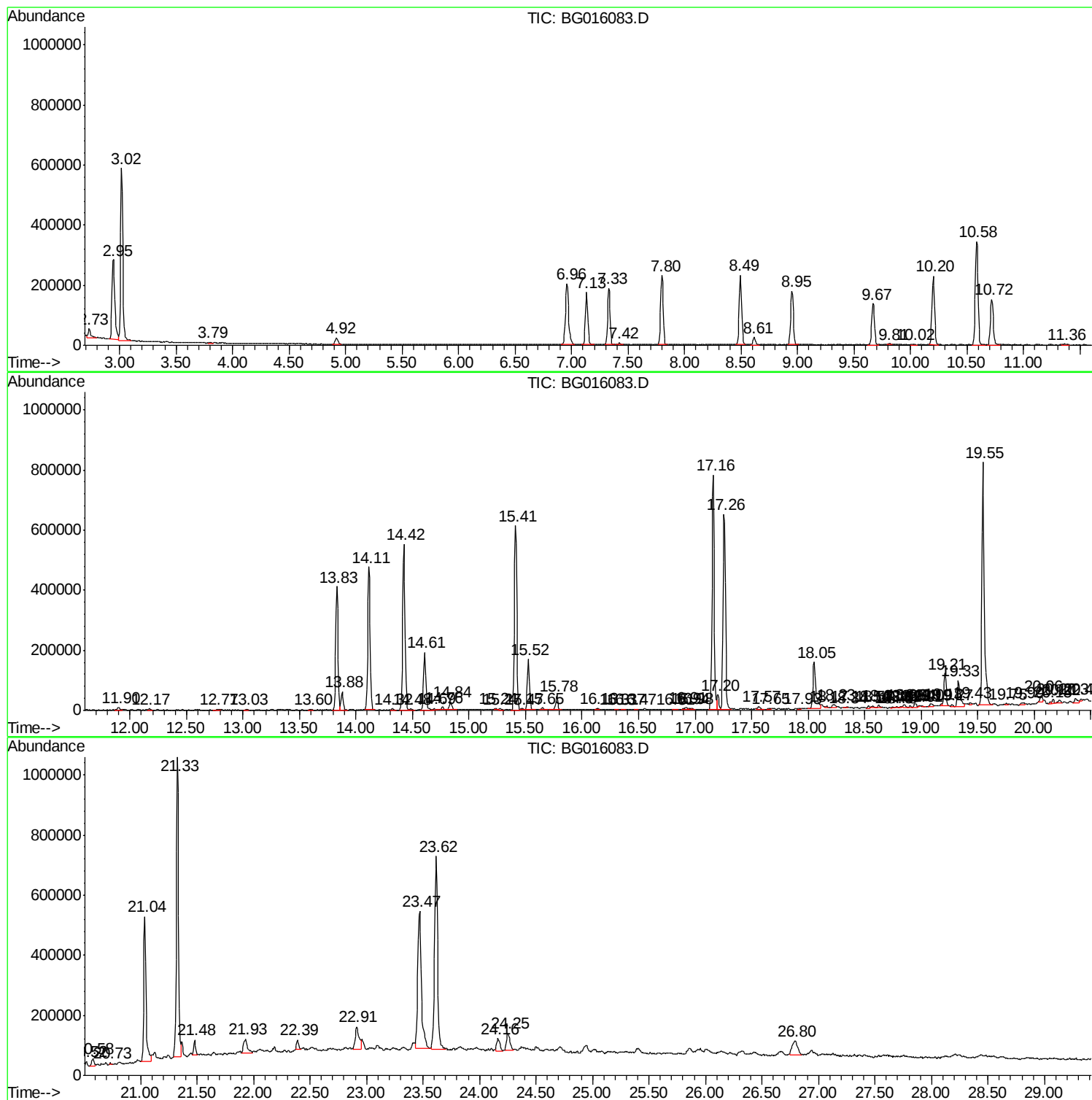
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-BG031715.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032015\  
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Instrument :  
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ClientSampled :  
C0AE7

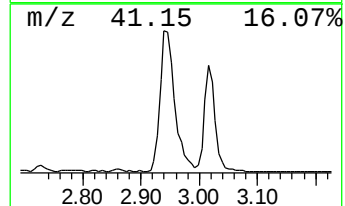
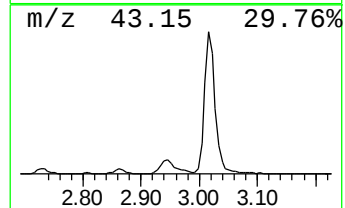
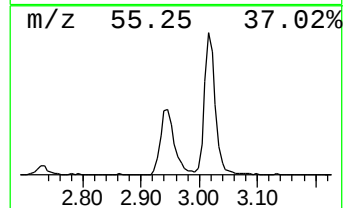
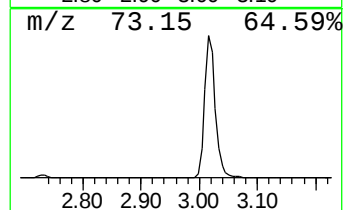
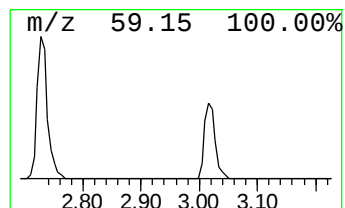
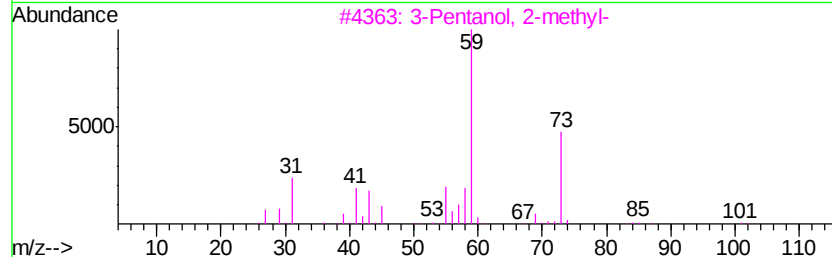
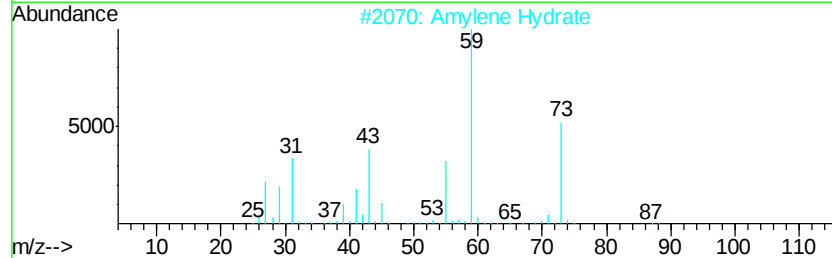
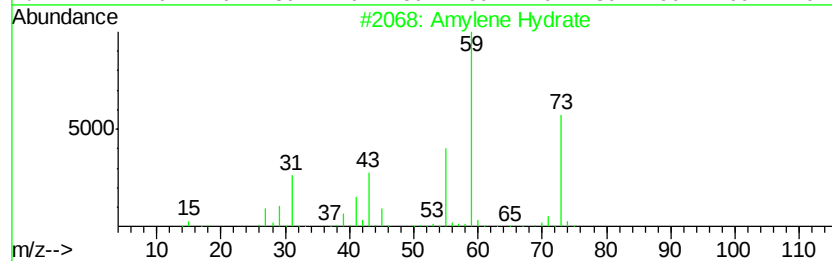
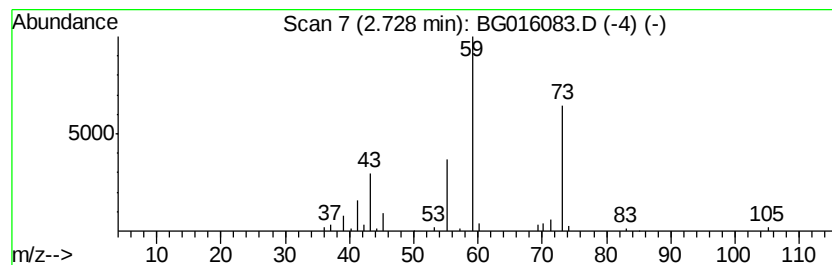
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-BG031715.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Amylene Hydrate Concentration Rank 6

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 2.73 | 2.47 ng/ul | 44482 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Amylene Hydrate          | 88  | C5H12O  | 000075-85-4 | 83   |
| 2    |    | Amylene Hydrate          | 88  | C5H12O  | 000075-85-4 | 64   |
| 3    |    | 3-Pentanol, 2-methyl-    | 102 | C6H14O  | 000565-67-3 | 40   |
| 4    |    | 3-Hexanol                | 102 | C6H14O  | 000623-37-0 | 39   |
| 5    |    | 4-Pentene-2-ol, 2-methyl | 100 | C6H12O  | 000624-97-5 | 36   |



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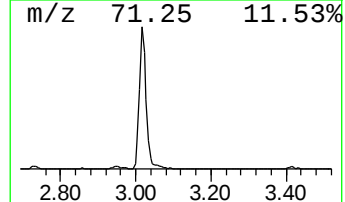
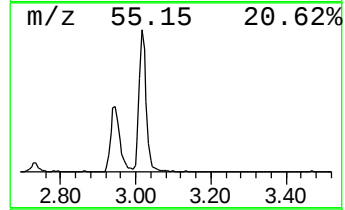
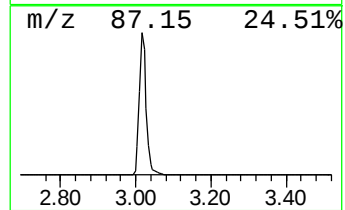
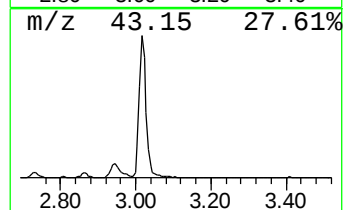
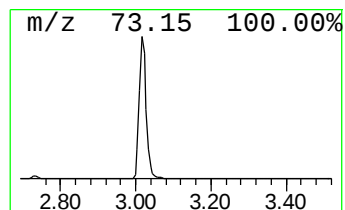
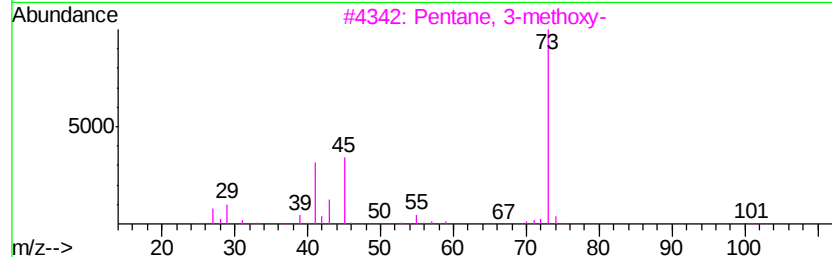
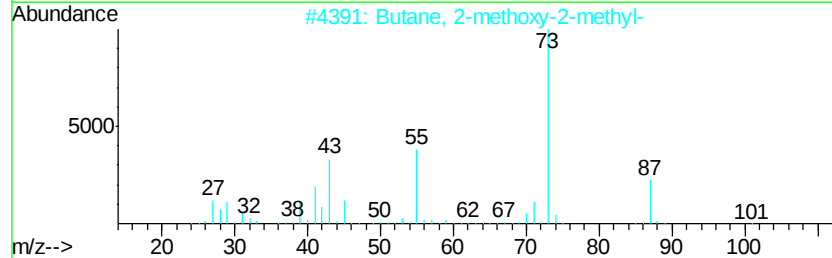
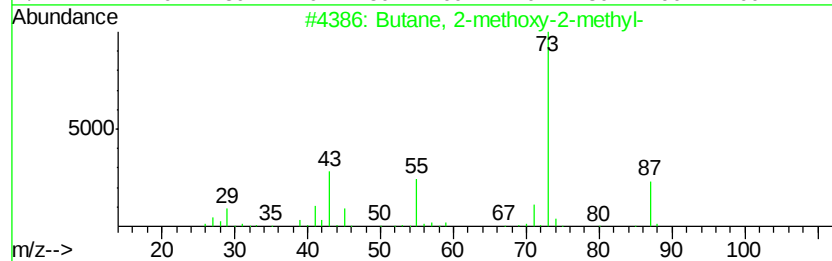
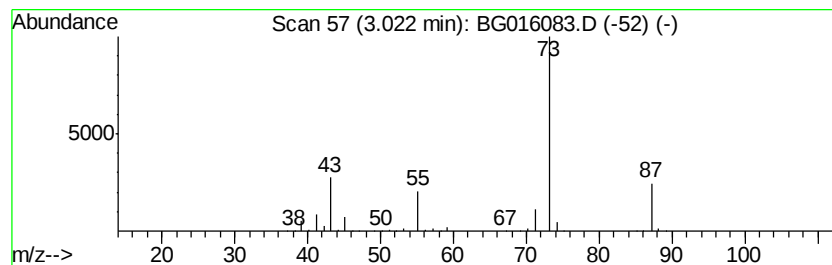
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-BG031715.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.02 | 41.06 ng/ul | 740410 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032015\  
Data File : BG016083.D  
Acq On : 21 Mar 2015 2:18  
Operator : TP/IZ  
Sample : G1565-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

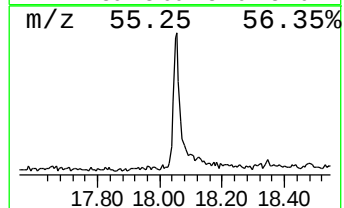
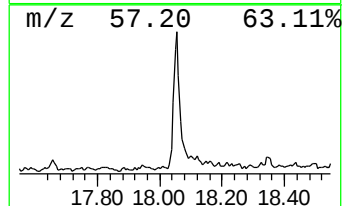
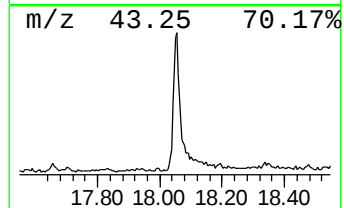
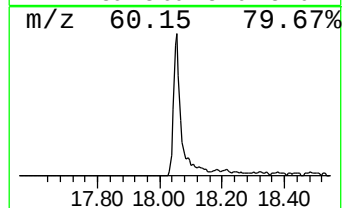
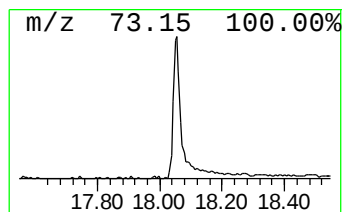
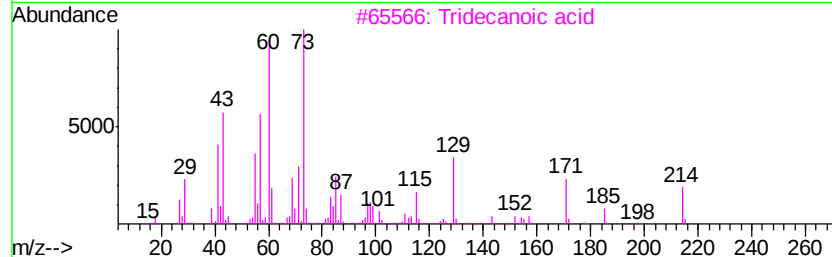
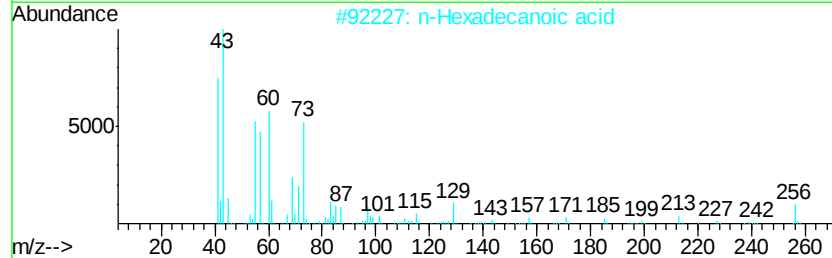
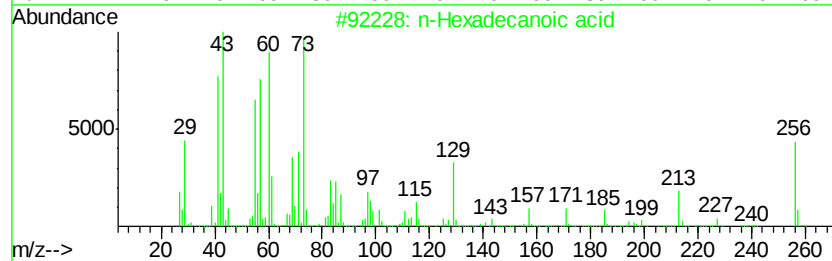
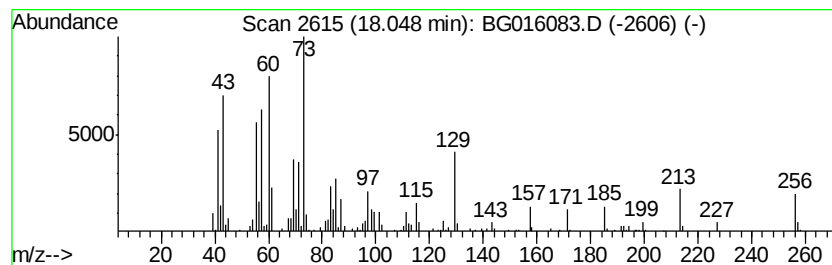
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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-BG031715.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

| R.T.    | EstConc             | Area         | Relative to ISTD | R.T.        |      |      |
|---------|---------------------|--------------|------------------|-------------|------|------|
| 18.05   | 5.10 ng/ul          | 272600       | Phenanthrene-d10 | 17.16       |      |      |
| Hit# of | 5                   | Tentative ID | MW               | MolForm     | CAS# | Qual |
| 1       | n-Hexadecanoic acid | 256          | C16H32O2         | 000057-10-3 | 99   |      |
| 2       | n-Hexadecanoic acid | 256          | C16H32O2         | 000057-10-3 | 93   |      |
| 3       | Tridecanoic acid    | 214          | C13H26O2         | 000638-53-9 | 81   |      |
| 4       | Tetradecanoic acid  | 228          | C14H28O2         | 000544-63-8 | 72   |      |
| 5       | n-Decanoic acid     | 172          | C10H20O2         | 000334-48-5 | 64   |      |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032015\  
Data File : BG016083.D  
Acq On : 21 Mar 2015 2:18  
Operator : TP/IZ  
Sample : G1565-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0AE7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-BG031715.M  
Quant Title : SVOA CALIBRATION

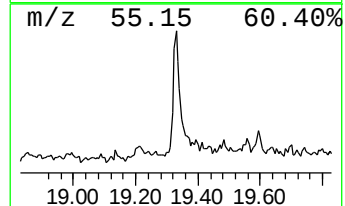
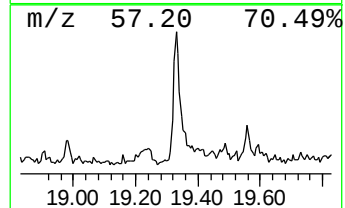
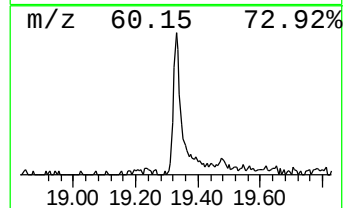
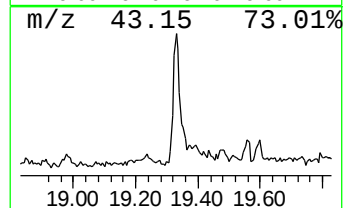
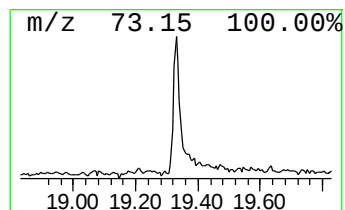
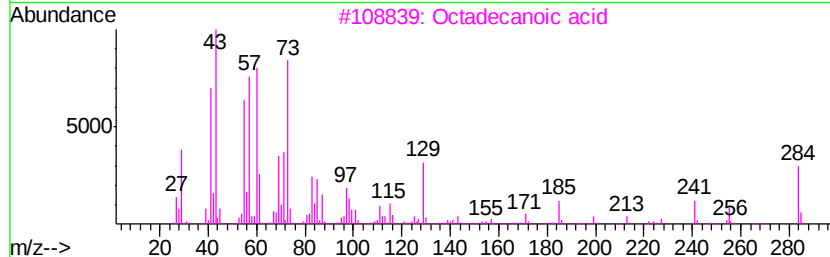
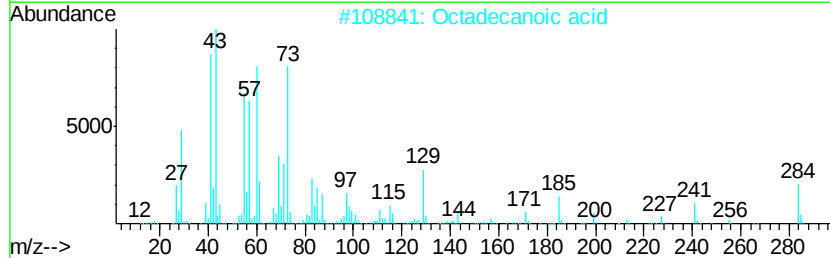
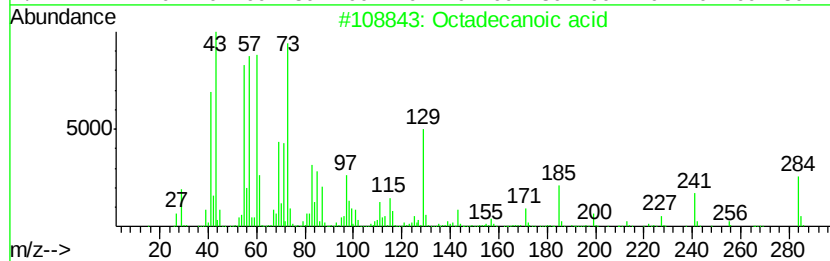
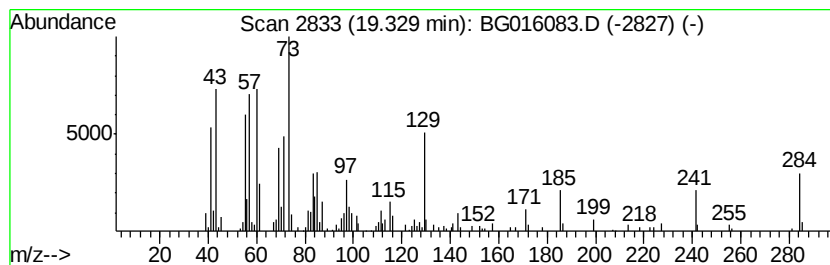
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Octadecanoic acid Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.33 | 2.51 ng/ul | 167071 | Chrysene-d12     | 21.33 |

| Hit# of | 5                  | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|--------------------|--------------|----------|-------------|------|------|
| 1       | Octadecanoic acid  | 284          | C18H36O2 | 000057-11-4 | 99   |      |
| 2       | Octadecanoic acid  | 284          | C18H36O2 | 000057-11-4 | 92   |      |
| 3       | Octadecanoic acid  | 284          | C18H36O2 | 000057-11-4 | 90   |      |
| 4       | Octadecanoic acid  | 284          | C18H36O2 | 000057-11-4 | 89   |      |
| 5       | Pentadecanoic acid | 242          | C15H30O2 | 001002-84-2 | 81   |      |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032015\  
Data File : BG016083.D  
Acq On : 21 Mar 2015 2:18  
Operator : TP/IZ  
Sample : G1565-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-BG031715.M  
Quant Title : SVOA CALIBRATION

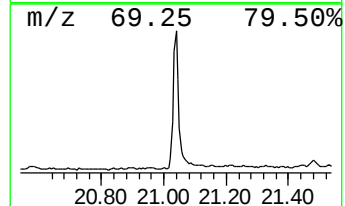
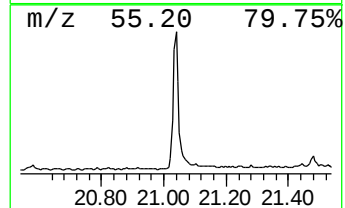
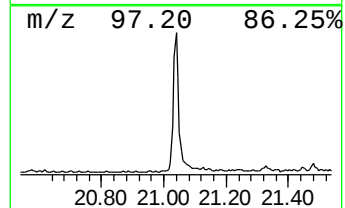
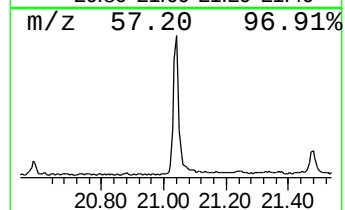
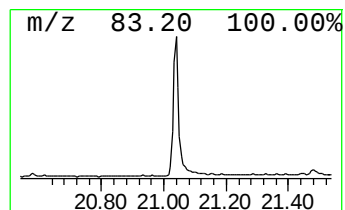
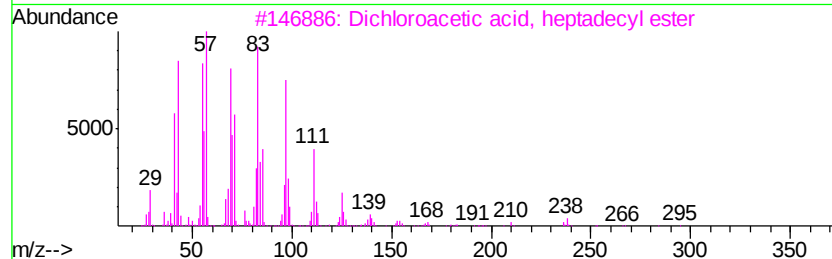
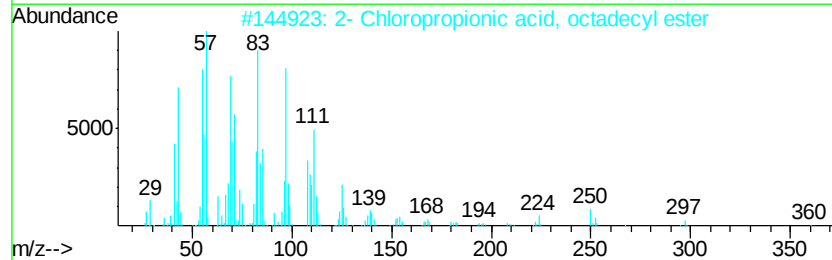
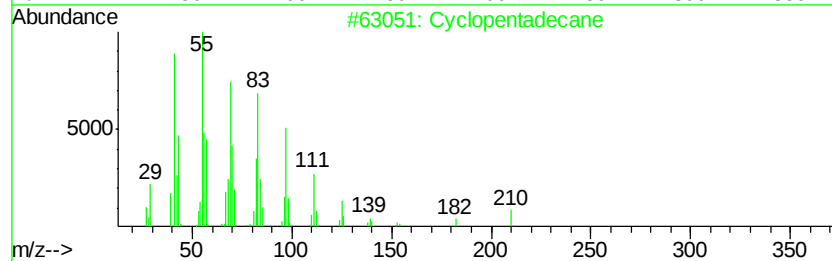
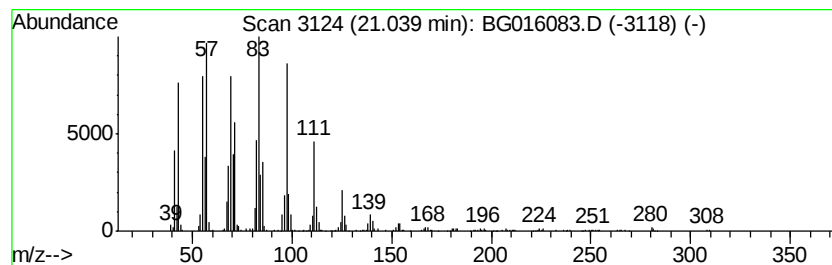
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Cyclopentadecane Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.04 | 9.83 ng/ul | 653756 | Chrysene-d12     | 21.33 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7  | 93   |
| 2    |    | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2  | 088104-31-8  | 93   |
| 3    |    | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 93   |
| 4    |    | Trifluoroacetic acid, n-octadecy... | 366 | C20H37F3O2  | 079392-43-1  | 91   |
| 5    |    | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0  | 91   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032015\  
Data File : BG016083.D  
Acq On : 21 Mar 2015 2:18  
Operator : TP/IZ  
Sample : G1565-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

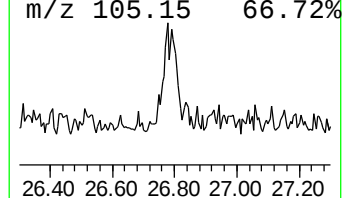
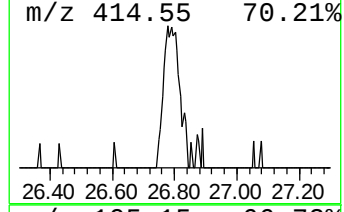
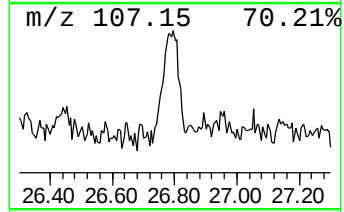
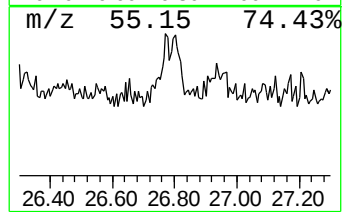
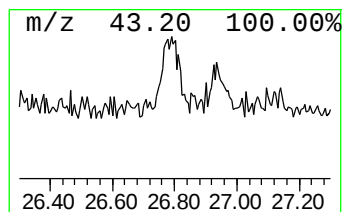
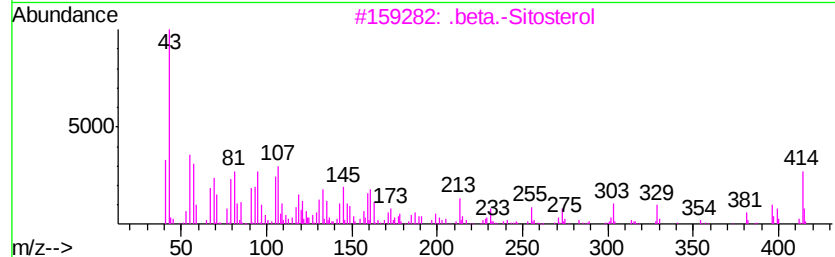
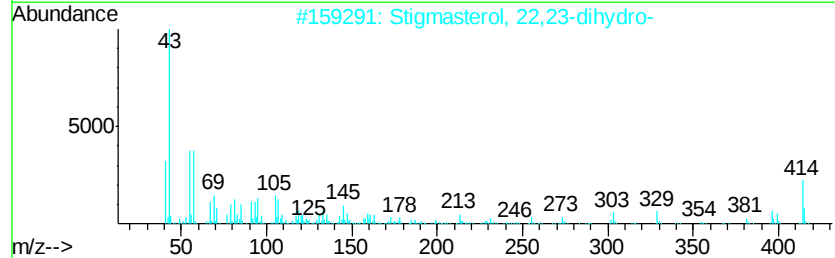
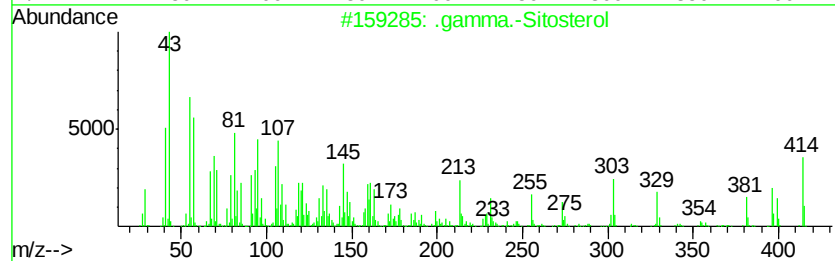
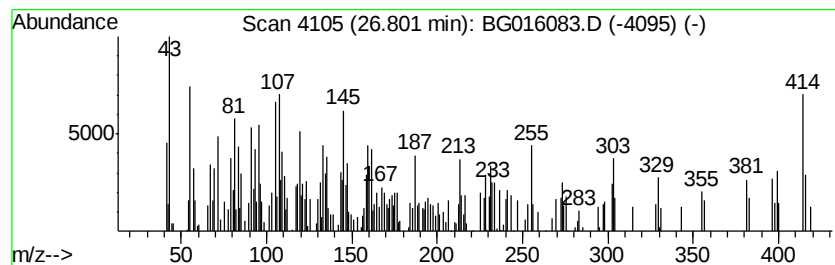
Instrument :  
BNA\_G  
ClientSampleId :  
C0AE7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-BG031715.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 7 .gamma.-Sitosterol Concentration Rank 7

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.            |
|---------|------------|-------------------------------------|------------------|-----------------|
| 26.80   | 2.42 ng/ul | 154133                              | Perylene-d12     | 23.62           |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |            | .gamma.-Sitosterol                  | 414 C29H50O      | 000083-47-6 90  |
| 2       |            | Stigmasterol, 22,23-dihydro-        | 414 C29H50O      | 1000214-20-7 90 |
| 3       |            | .beta.-Sitosterol                   | 414 C29H50O      | 000083-46-5 89  |
| 4       |            | .beta.-Sitosterol                   | 414 C29H50O      | 000083-46-5 68  |
| 5       |            | 26,27-Dinorcholesta-5,22-dien-3-... | 356 C25H40O      | 057597-10-1 43  |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032015\  
Data File : BG016083.D  
Acq On : 21 Mar 2015 2:18  
Operator : TP/IZ  
Sample : G1565-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0AE7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-BG031715.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 |
| Amylene Hydrate      | 2.73  | 2.5     | ng/ul | 44482    | 1                     | 7.80  | 360644  | 20.0 |
| Butane, 2-methoxy... | 3.02  | 41.1    | ng/ul | 740410   | 1                     | 7.80  | 360644  | 20.0 |
| n-Hexadecanoic acid  | 18.05 | 5.1     | ng/ul | 272600   | 4                     | 17.16 | 1068950 | 20.0 |
| Octadecanoic acid    | 19.33 | 2.5     | ng/ul | 167071   | 5                     | 21.33 | 1330680 | 20.0 |
| Cyclopentadecane     | 21.04 | 9.8     | ng/ul | 653756   | 5                     | 21.33 | 1330680 | 20.0 |
| .gamma.-Sitosterol   | 26.80 | 2.4     | ng/ul | 154133   | 6                     | 23.62 | 1275470 | 20.0 |