

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
 Data File : BG024799.D  
 Acq On : 16 Nov 2016 11:53  
 Operator : UM/SJ  
 Sample : H5622-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4WK7

## Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.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         | 3.443       | 100           | 103         | 106          | rVB5     | 7628           | 13039         | 0.44%           | 0.039%        |
| 2         | 3.619       | 132           | 133         | 140          | rVB5     | 10529          | 12696         | 0.43%           | 0.038%        |
| 3         | 3.678       | 140           | 143         | 148          | rVB7     | 7800           | 10625         | 0.36%           | 0.031%        |
| 4         | 3.960       | 186           | 191         | 196          | rBV5     | 14902          | 25101         | 0.85%           | 0.074%        |
| 5         | 4.089       | 206           | 213         | 225          | rVB      | 204723         | 321181        | 10.83%          | 0.950%        |
| 6         | 4.389       | 261           | 264         | 271          | rVB6     | 10529          | 18064         | 0.61%           | 0.053%        |
| 7         | 4.706       | 310           | 318         | 329          | rBV      | 1910418        | 2964686       | 100.00%         | 8.768%        |
| 8         | 4.812       | 329           | 336         | 351          | rVV      | 144665         | 318376        | 10.74%          | 0.942%        |
| 9         | 5.065       | 375           | 379         | 381          | rBV5     | 5854           | 9281          | 0.31%           | 0.027%        |
| 10        | 5.135       | 389           | 391         | 395          | rVB4     | 10061          | 9745          | 0.33%           | 0.029%        |
| 11        | 5.200       | 398           | 402         | 405          | rBV3     | 9804           | 11388         | 0.38%           | 0.034%        |
| 12        | 5.317       | 415           | 422         | 434          | rVB      | 193669         | 310188        | 10.46%          | 0.917%        |
| 13        | 5.617       | 469           | 473         | 481          | rBV8     | 9914           | 20593         | 0.69%           | 0.061%        |
| 14        | 5.782       | 495           | 501         | 503          | rVB5     | 8332           | 14473         | 0.49%           | 0.043%        |
| 15        | 5.811       | 503           | 506         | 509          | rVB4     | 8123           | 9658          | 0.33%           | 0.029%        |
| 16        | 5.835       | 509           | 510         | 514          | rBV3     | 9026           | 10420         | 0.35%           | 0.031%        |
| 17        | 5.934       | 523           | 527         | 532          | rBV6     | 8608           | 16535         | 0.56%           | 0.049%        |
| 18        | 6.075       | 550           | 551         | 557          | rVB5     | 7290           | 11239         | 0.38%           | 0.033%        |
| 19        | 6.293       | 587           | 588         | 592          | rBV4     | 7371           | 9263          | 0.31%           | 0.027%        |
| 20        | 6.446       | 612           | 614         | 620          | rVB5     | 9750           | 14715         | 0.50%           | 0.044%        |
| 21        | 7.198       | 739           | 742         | 746          | rVV2     | 6019           | 10402         | 0.35%           | 0.031%        |
| 22        | 7.321       | 755           | 763         | 770          | rBV      | 462263         | 848100        | 28.61%          | 2.508%        |
| 23        | 7.391       | 771           | 775         | 785          | rVB3     | 123732         | 256931        | 8.67%           | 0.760%        |
| 24        | 7.574       | 797           | 806         | 820          | rVB      | 306644         | 549574        | 18.54%          | 1.625%        |
| 25        | 7.785       | 833           | 842         | 849          | rVB      | 380029         | 679225        | 22.91%          | 2.009%        |
| 26        | 8.261       | 915           | 923         | 933          | rVB2     | 345602         | 634501        | 21.40%          | 1.877%        |
| 27        | 8.584       | 973           | 978         | 981          | rVB4     | 6629           | 12940         | 0.44%           | 0.038%        |
| 28        | 8.878       | 1027          | 1028        | 1033         | rBV3     | 7716           | 12198         | 0.41%           | 0.036%        |
| 29        | 8.948       | 1033          | 1040        | 1052         | rVB2     | 315041         | 573787        | 19.35%          | 1.697%        |
| 30        | 9.436       | 1114          | 1123        | 1132         | rVV      | 430070         | 775366        | 26.15%          | 2.293%        |
| 31        | 9.583       | 1146          | 1148        | 1153         | rVB6     | 8561           | 11350         | 0.38%           | 0.034%        |
| 32        | 9.630       | 1153          | 1156        | 1159         | rBV4     | 10570          | 14274         | 0.48%           | 0.042%        |
| 33        | 9.777       | 1175          | 1181        | 1189         | rBV3     | 145319         | 287643        | 9.70%           | 0.851%        |
| 34        | 10.159      | 1235          | 1246        | 1262         | rVB2     | 381322         | 701512        | 23.66%          | 2.075%        |

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 Start Thrs: 0.1  
 Stop Thrs : 0

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

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

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 10.694 | 1327 | 1337 | 1349 | rBV  | 555466  | 1038919 | 35.04% | 3.073% |
| 36 | 10.805 | 1354 | 1356 | 1359 | rBV4 | 6984    | 9346    | 0.32%  | 0.028% |
| 37 | 10.858 | 1362 | 1365 | 1371 | rVV7 | 5455    | 10864   | 0.37%  | 0.032% |
| 38 | 11.087 | 1395 | 1404 | 1415 | rVB  | 443441  | 859539  | 28.99% | 2.542% |
| 39 | 11.205 | 1422 | 1424 | 1429 | rBV4 | 7046    | 9356    | 0.32%  | 0.028% |
| 40 | 11.522 | 1473 | 1478 | 1484 | rBV6 | 7195    | 13842   | 0.47%  | 0.041% |
| 41 | 11.610 | 1491 | 1493 | 1499 | rVV4 | 6353    | 10288   | 0.35%  | 0.030% |
| 42 | 12.080 | 1571 | 1573 | 1579 | rVB5 | 8690    | 14513   | 0.49%  | 0.043% |
| 43 | 12.268 | 1596 | 1605 | 1607 | rBV2 | 89881   | 167104  | 5.64%  | 0.494% |
| 44 | 12.662 | 1665 | 1672 | 1674 | rBV7 | 15823   | 31401   | 1.06%  | 0.093% |
| 45 | 12.838 | 1698 | 1702 | 1709 | rBV6 | 16143   | 31594   | 1.07%  | 0.093% |
| 46 | 12.985 | 1725 | 1727 | 1732 | rVB5 | 7226    | 9745    | 0.33%  | 0.029% |
| 47 | 13.114 | 1747 | 1749 | 1752 | rBV3 | 10039   | 9861    | 0.33%  | 0.029% |
| 48 | 13.326 | 1781 | 1785 | 1788 | rBV5 | 7500    | 12123   | 0.41%  | 0.036% |
| 49 | 13.796 | 1857 | 1865 | 1892 | rBV3 | 110688  | 486689  | 16.42% | 1.439% |
| 50 | 14.054 | 1907 | 1909 | 1913 | rVV4 | 15963   | 12199   | 0.41%  | 0.036% |
| 51 | 14.084 | 1913 | 1914 | 1918 | rVB4 | 8035    | 10473   | 0.35%  | 0.031% |
| 52 | 14.231 | 1931 | 1939 | 1940 | rBV4 | 34296   | 55666   | 1.88%  | 0.165% |
| 53 | 14.272 | 1940 | 1946 | 1956 | rVV  | 1140564 | 1760764 | 59.39% | 5.208% |
| 54 | 14.477 | 1977 | 1981 | 1985 | rBV6 | 8695    | 12799   | 0.43%  | 0.038% |
| 55 | 14.577 | 1991 | 1998 | 2007 | rBV  | 407649  | 674418  | 22.75% | 1.995% |
| 56 | 14.818 | 2036 | 2039 | 2042 | rBV5 | 10157   | 14380   | 0.49%  | 0.043% |
| 57 | 14.877 | 2043 | 2049 | 2061 | rVB2 | 664677  | 1106838 | 37.33% | 3.274% |
| 58 | 15.065 | 2075 | 2081 | 2093 | rBV3 | 96121   | 235069  | 7.93%  | 0.695% |
| 59 | 15.206 | 2099 | 2105 | 2110 | rBV6 | 36888   | 67751   | 2.29%  | 0.200% |
| 60 | 15.564 | 2161 | 2166 | 2172 | rBV9 | 5946    | 11684   | 0.39%  | 0.035% |
| 61 | 15.664 | 2180 | 2183 | 2187 | rVB6 | 10046   | 11325   | 0.38%  | 0.033% |
| 62 | 15.770 | 2194 | 2201 | 2205 | rBV5 | 24811   | 45285   | 1.53%  | 0.134% |
| 63 | 15.864 | 2205 | 2217 | 2226 | rBV  | 1608033 | 2531350 | 85.38% | 7.487% |
| 64 | 15.970 | 2226 | 2235 | 2246 | rBV  | 690920  | 1099188 | 37.08% | 3.251% |
| 65 | 16.105 | 2253 | 2258 | 2263 | rVB7 | 22283   | 27977   | 0.94%  | 0.083% |
| 66 | 16.187 | 2269 | 2272 | 2274 | rBV4 | 7769    | 9186    | 0.31%  | 0.027% |
| 67 | 16.440 | 2313 | 2315 | 2322 | rVB6 | 16178   | 27702   | 0.93%  | 0.082% |
| 68 | 16.551 | 2331 | 2334 | 2337 | rBV5 | 14327   | 16557   | 0.56%  | 0.049% |
| 69 | 16.816 | 2375 | 2379 | 2381 | rBV5 | 10414   | 13835   | 0.47%  | 0.041% |
| 70 | 17.016 | 2409 | 2413 | 2419 | rBV7 | 17244   | 33835   | 1.14%  | 0.100% |
| 71 | 17.227 | 2446 | 2449 | 2455 | rBV7 | 16474   | 23839   | 0.80%  | 0.071% |

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 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |       |         |         |        |        |
|-----|--------|------|------|------|-------|---------|---------|--------|--------|
| 72  | 17.415 | 2478 | 2481 | 2486 | rVB3  | 10943   | 13179   | 0.44%  | 0.039% |
| 73  | 17.621 | 2508 | 2516 | 2524 | rBV2  | 1171420 | 1967411 | 66.36% | 5.819% |
| 74  | 17.721 | 2526 | 2533 | 2541 | rBV2  | 1884375 | 2866778 | 96.70% | 8.479% |
| 75  | 17.867 | 2555 | 2558 | 2562 | rVB5  | 8358    | 10627   | 0.36%  | 0.031% |
| 76  | 18.085 | 2591 | 2595 | 2600 | rVV7  | 17222   | 24859   | 0.84%  | 0.074% |
| 77  | 18.226 | 2615 | 2619 | 2623 | rBV5  | 16571   | 23378   | 0.79%  | 0.069% |
| 78  | 18.461 | 2657 | 2659 | 2661 | rBV3  | 11641   | 12688   | 0.43%  | 0.038% |
| 79  | 18.543 | 2670 | 2673 | 2677 | rVB6  | 10805   | 16167   | 0.55%  | 0.048% |
| 80  | 18.925 | 2735 | 2738 | 2743 | rBV7  | 9179    | 19695   | 0.66%  | 0.058% |
| 81  | 19.084 | 2763 | 2765 | 2768 | rBV4  | 9788    | 10098   | 0.34%  | 0.030% |
| 82  | 19.225 | 2786 | 2789 | 2796 | rVB8  | 13541   | 20203   | 0.68%  | 0.060% |
| 83  | 19.313 | 2803 | 2804 | 2808 | rVB4  | 11415   | 11229   | 0.38%  | 0.033% |
| 84  | 19.377 | 2813 | 2815 | 2819 | rBV4  | 11612   | 15445   | 0.52%  | 0.046% |
| 85  | 19.560 | 2843 | 2846 | 2850 | rVB5  | 10056   | 16014   | 0.54%  | 0.047% |
| 86  | 19.624 | 2851 | 2857 | 2869 | rVB3  | 42807   | 91792   | 3.10%  | 0.271% |
| 87  | 19.724 | 2870 | 2874 | 2877 | rVB6  | 10461   | 16349   | 0.55%  | 0.048% |
| 88  | 19.806 | 2885 | 2888 | 2892 | rVB6  | 21416   | 22454   | 0.76%  | 0.066% |
| 89  | 19.877 | 2895 | 2900 | 2905 | rBV7  | 21813   | 47239   | 1.59%  | 0.140% |
| 90  | 19.994 | 2913 | 2920 | 2931 | rBV2  | 1435745 | 2355720 | 79.46% | 6.967% |
| 91  | 21.128 | 3110 | 3113 | 3119 | rVB7  | 21065   | 30489   | 1.03%  | 0.090% |
| 92  | 21.916 | 3240 | 3247 | 3257 | rVB   | 1483709 | 2689990 | 90.73% | 7.956% |
| 93  | 23.426 | 3500 | 3504 | 3511 | rVB7  | 35985   | 52872   | 1.78%  | 0.156% |
| 94  | 24.272 | 3644 | 3648 | 3656 | rVB6  | 43131   | 92382   | 3.12%  | 0.273% |
| 95  | 24.442 | 3675 | 3677 | 3682 | rBV6  | 17099   | 25736   | 0.87%  | 0.076% |
| 96  | 25.118 | 3780 | 3792 | 3808 | rBV3  | 615168  | 2011012 | 67.83% | 5.948% |
| 97  | 25.282 | 3813 | 3820 | 3823 | rBV8  | 47187   | 101580  | 3.43%  | 0.300% |
| 98  | 25.353 | 3824 | 3832 | 3850 | rVB7  | 235422  | 917661  | 30.95% | 2.714% |
| 99  | 26.481 | 4018 | 4024 | 4034 | rVB6  | 61895   | 185525  | 6.26%  | 0.549% |
| 100 | 27.920 | 4261 | 4269 | 4274 | rBV10 | 46037   | 125847  | 4.24%  | 0.372% |

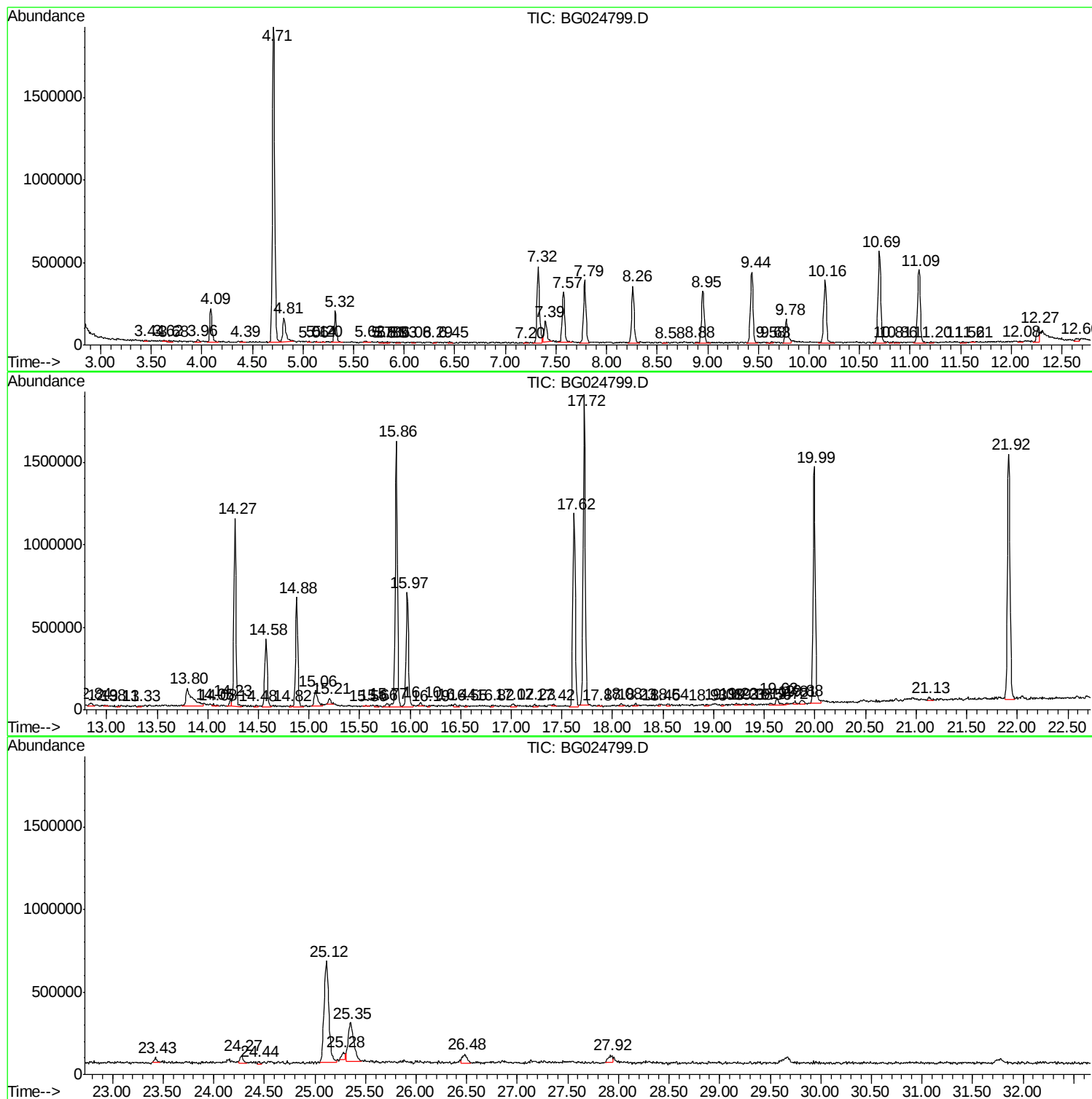
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
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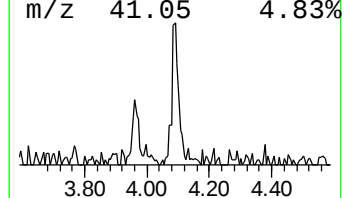
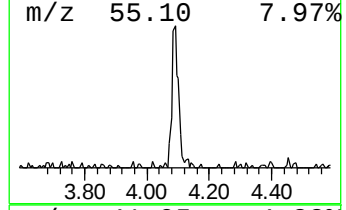
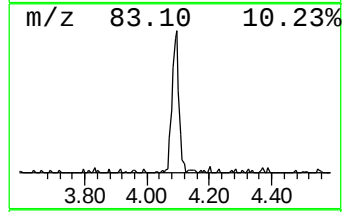
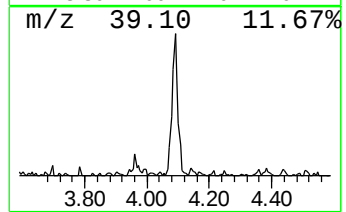
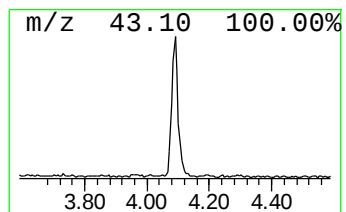
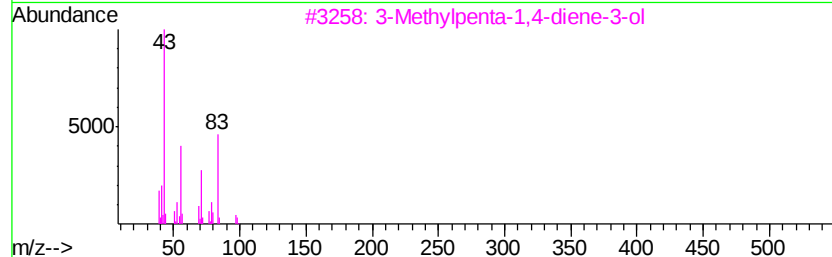
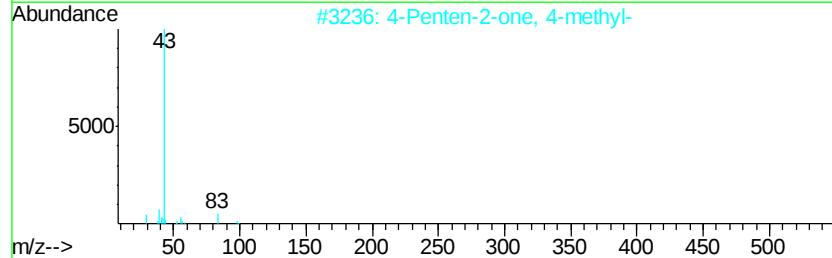
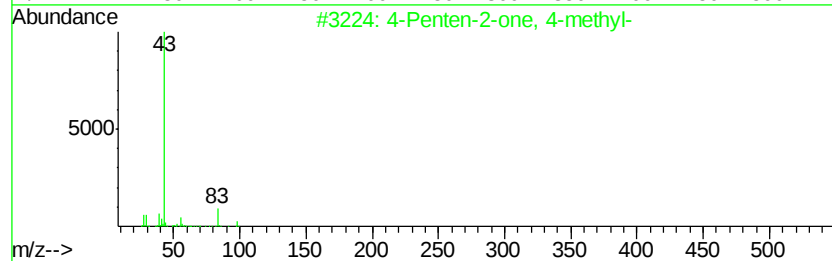
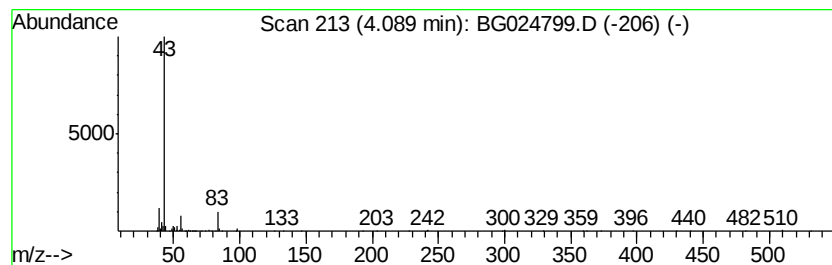
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 3

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 4.09 | 10.12 ng/ul | 321181 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | Tentative ID                 | MW | MolForm | CAS#        | Qual |
|------|----|------------------------------|----|---------|-------------|------|
| 1    | 5  | 4-Penten-2-one, 4-methyl-    | 98 | C6H10O  | 003744-02-3 | 53   |
| 2    |    | 4-Penten-2-one, 4-methyl-    | 98 | C6H10O  | 003744-02-3 | 50   |
| 3    |    | 3-Methylpenta-1,4-diene-3-ol | 98 | C6H10O  | 000918-86-5 | 25   |
| 4    |    | 5-Hexen-2-one                | 98 | C6H10O  | 000109-49-9 | 25   |
| 5    |    | 4-Penten-2-one, 3-methyl-    | 98 | C6H10O  | 000758-87-2 | 23   |



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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

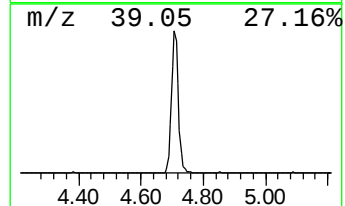
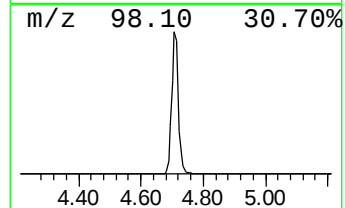
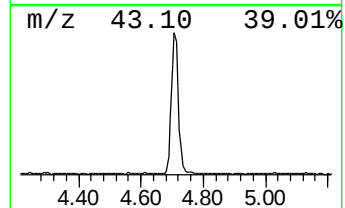
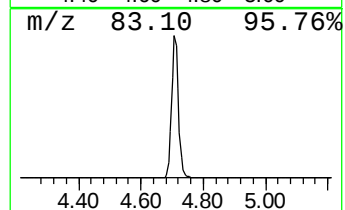
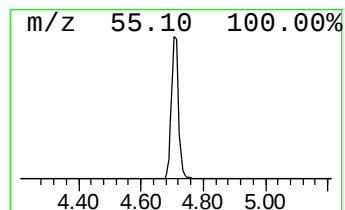
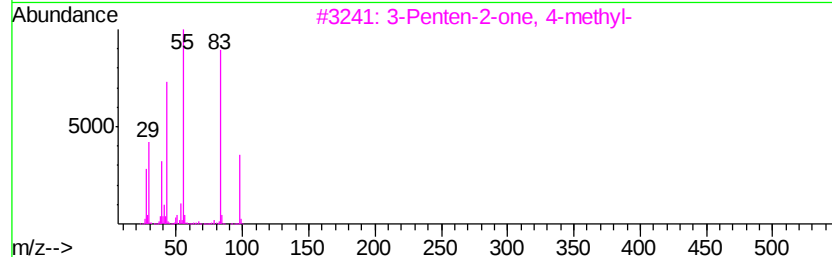
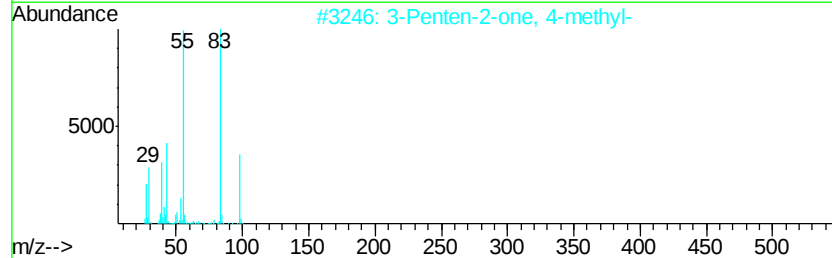
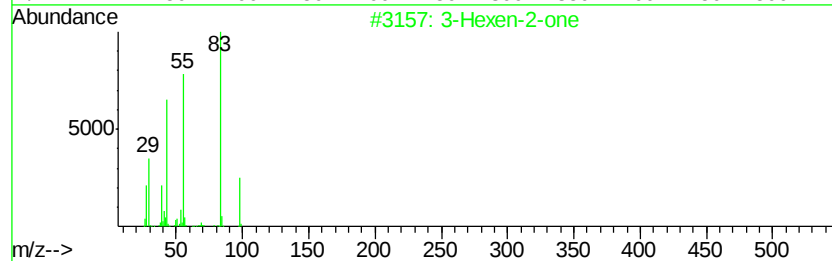
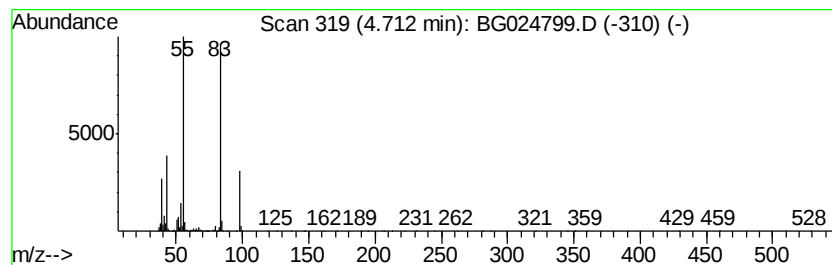
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 3-Hexen-2-one Concentration Rank 1

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 4.71 | 93.45 ng/ul | 2964690 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | Tentative ID              | MW | MolForm | CAS#        | Qual |
|------|----|---------------------------|----|---------|-------------|------|
| 1    | 5  | 3-Hexen-2-one             | 98 | C6H10O  | 000763-93-9 | 91   |
| 2    |    | 3-Penten-2-one, 4-methyl- | 98 | C6H10O  | 000141-79-7 | 91   |
| 3    |    | 3-Penten-2-one, 4-methyl- | 98 | C6H10O  | 000141-79-7 | 91   |
| 4    |    | 2-Pentene, 2,4-dimethyl-  | 98 | C7H14   | 000625-65-0 | 87   |
| 5    |    | 3-Hexen-2-one             | 98 | C6H10O  | 000763-93-9 | 87   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024799.D  
Acq On : 16 Nov 2016 11:53  
Operator : UM/SJ  
Sample : H5622-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4WK7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

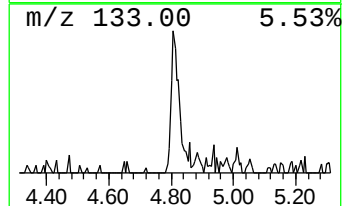
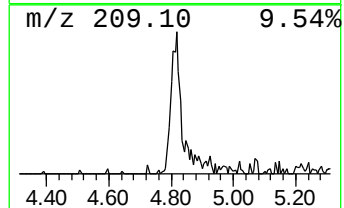
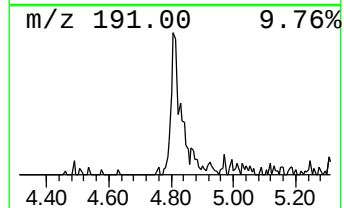
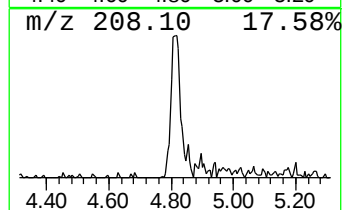
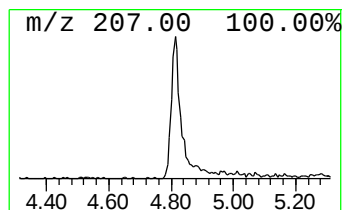
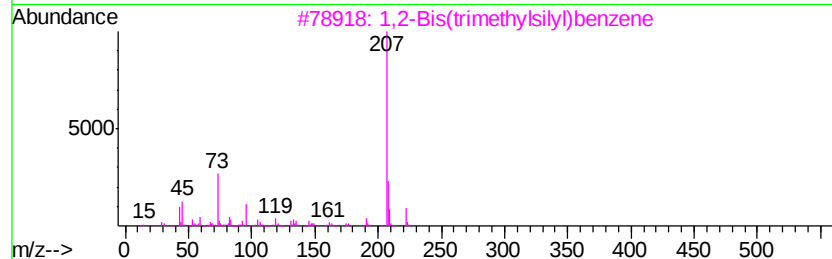
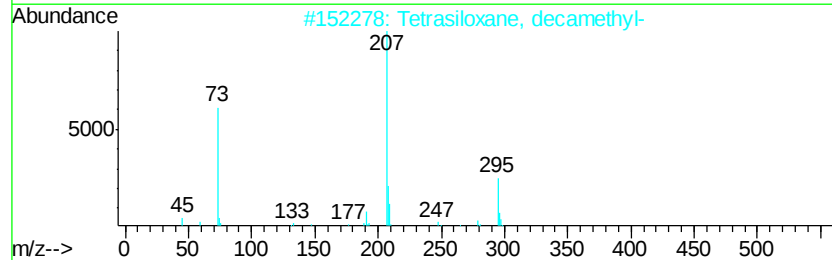
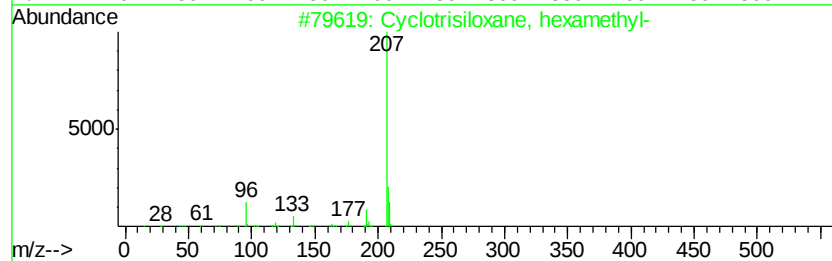
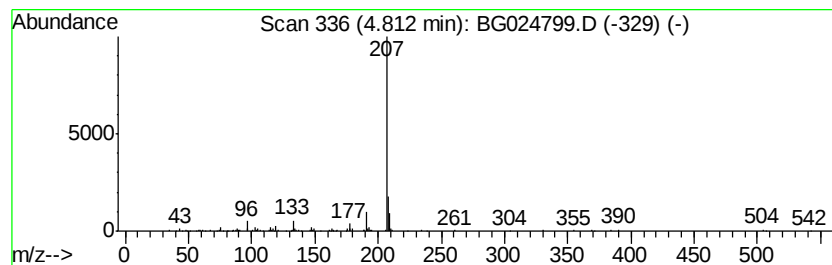
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 4.81 | 10.04 ng/ul | 318376 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cyclotrisiloxane, hexamethyl-       | 222 | C6H18O3Si3  | 000541-05-9  | 83   |
| 2    |    | Tetrasiloxane, decamethyl-          | 310 | C10H30O3Si4 | 000141-62-8  | 78   |
| 3    |    | 1,2-Bis(trimethylsilyl)benzene      | 222 | C12H22Si2   | 017151-09-6  | 72   |
| 4    |    | Cyclotrisiloxane, hexamethyl-       | 222 | C6H18O3Si3  | 000541-05-9  | 72   |
| 5    |    | 2,4,6-Cycloheptatrien-1-one, 3,5... | 250 | C13H22O3Si2 | 1000161-21-8 | 64   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024799.D  
Acq On : 16 Nov 2016 11:53  
Operator : UM/SJ  
Sample : H5622-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4WK7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

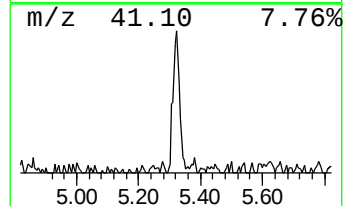
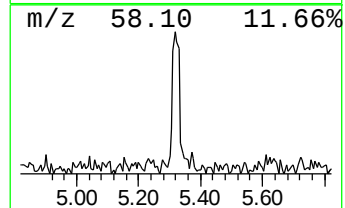
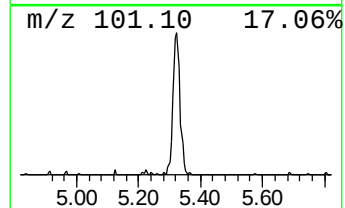
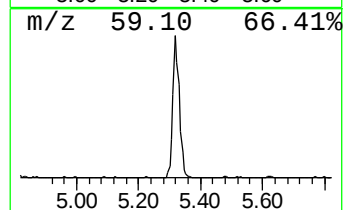
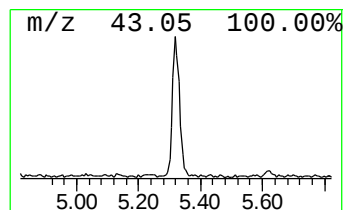
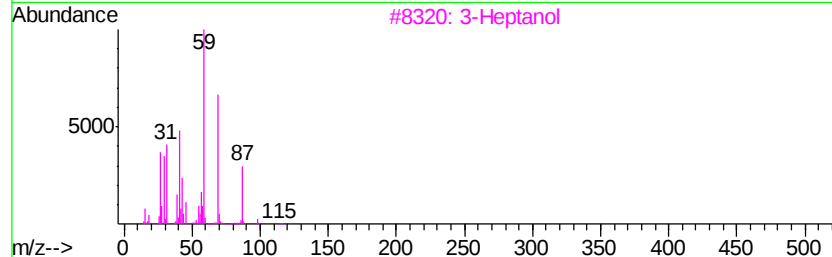
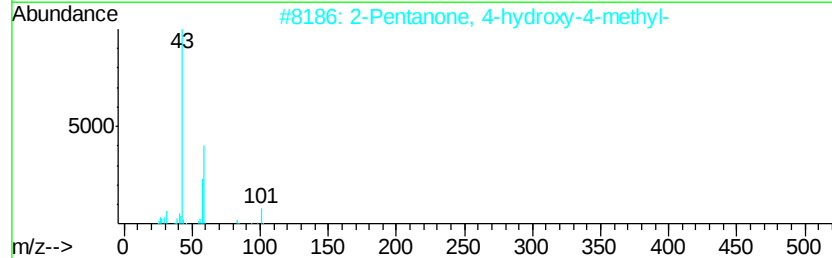
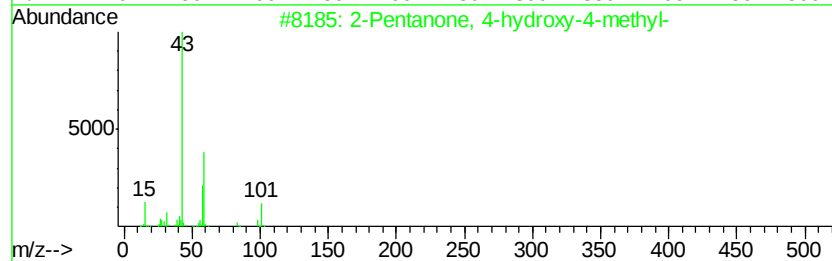
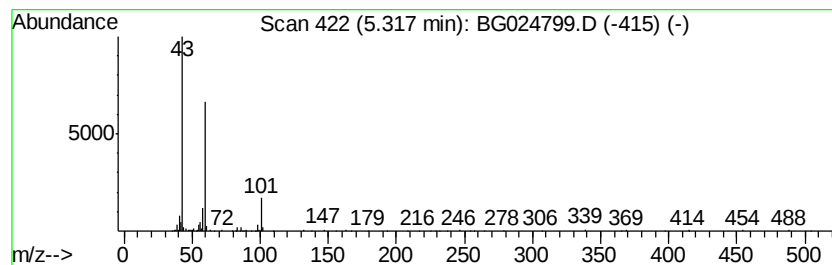
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 5.32 | 9.78 ng/ul | 310188 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53   |
| 2    |    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 45   |
| 3    |    | 3-Heptanol                       | 116 | C7H16O  | 000589-82-2 | 25   |
| 4    |    | 1,2-Butanediol                   | 90  | C4H10O2 | 000584-03-2 | 23   |
| 5    |    | Propane, 1,2-dimethoxy-          | 104 | C5H12O2 | 007778-85-0 | 23   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024799.D  
Acq On : 16 Nov 2016 11:53  
Operator : UM/SJ  
Sample : H5622-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4WK7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

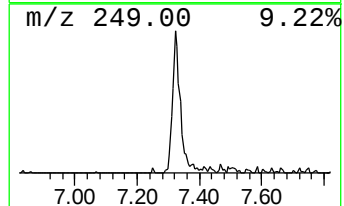
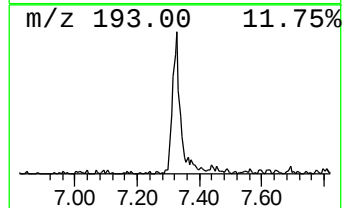
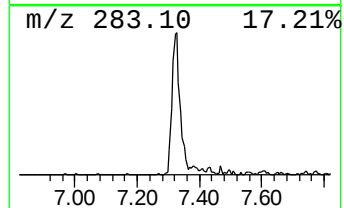
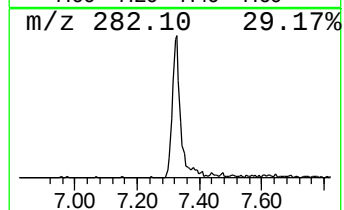
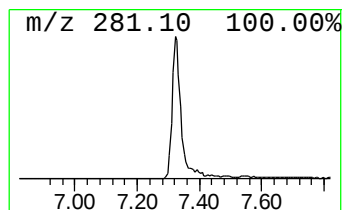
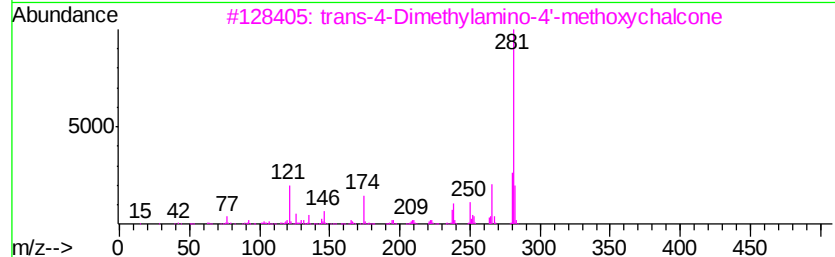
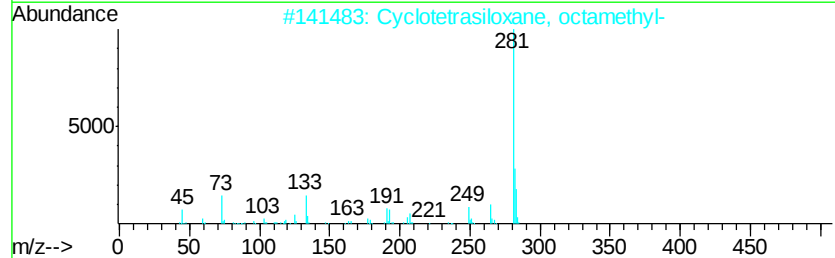
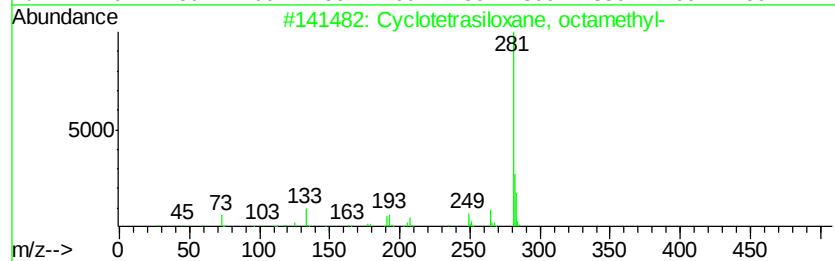
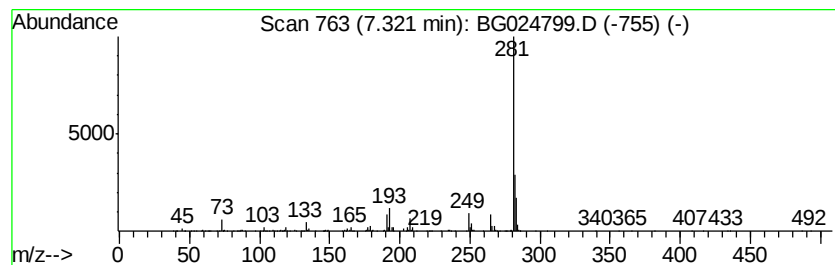
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 2

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 7.32 | 26.73 ng/ul | 848100 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2  | 91   |
| 2    |    | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2  | 91   |
| 3    |    | trans-4-Dimethylamino-4'-methoxy... | 281 | C18H19NO2   | 052119-37-6  | 58   |
| 4    |    | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2  | 56   |
| 5    |    | 1,1,3,3,5,5,7,7-Octamethyl-7-(2-... | 370 | C12H34O5Si4 | 1000364-61-2 | 56   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024799.D  
Acq On : 16 Nov 2016 11:53  
Operator : UM/SJ  
Sample : H5622-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4WK7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

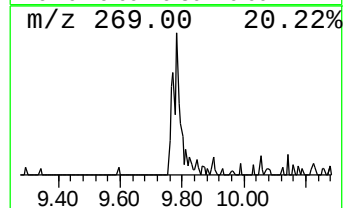
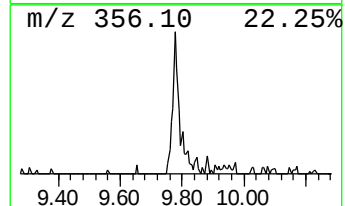
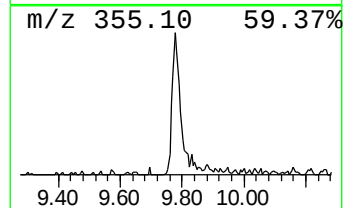
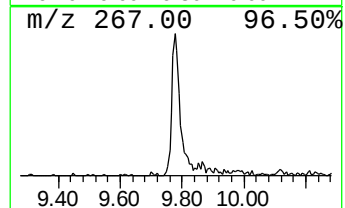
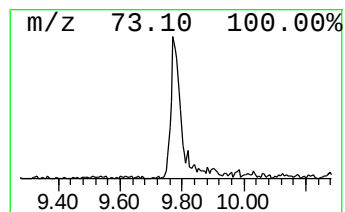
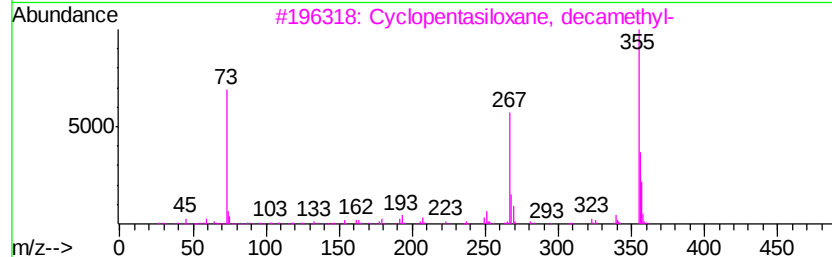
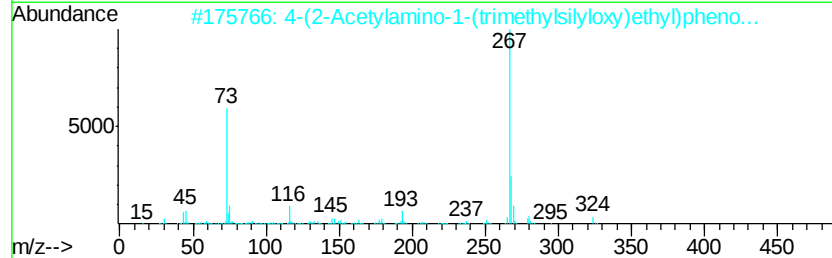
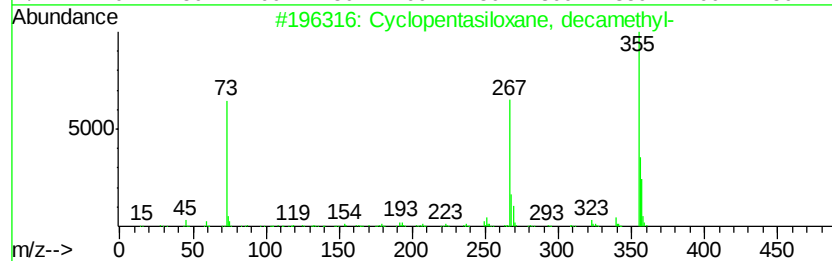
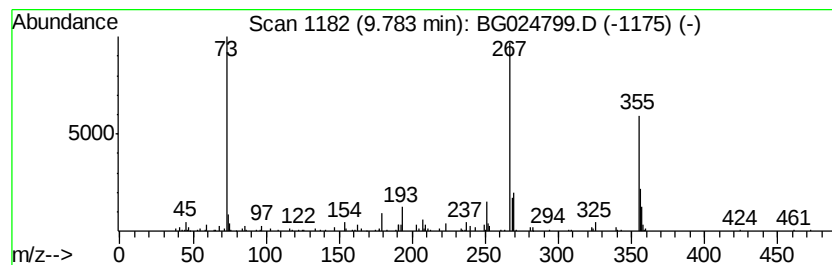
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 7

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.78 | 6.69 ng/ul | 287643 | Naphthalene-d8   | 11.09 |

| Hit# | of | Tentative ID                         | MW  | MolForm      | CAS#         | Qual |
|------|----|--------------------------------------|-----|--------------|--------------|------|
| 1    | 5  | Cyclopentasiloxane, decamethyl-      | 370 | C10H30O5Si5  | 000541-02-6  | 86   |
| 2    |    | 4-(2-Acetylamino-1-(trimethylsil...  | 339 | C16H29N03Si2 | 1000373-43-5 | 43   |
| 3    |    | Cyclopentasiloxane, decamethyl-      | 370 | C10H30O5Si5  | 000541-02-6  | 43   |
| 4    |    | 3,4-Dihydroxybenzyl alcohol, tris... | 356 | C16H32O3Si3  | 068595-79-9  | 38   |
| 5    |    | Benzeneacetic acid, .alpha., 4-bi... | 384 | C17H32O4Si3  | 037148-64-4  | 38   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024799.D  
Acq On : 16 Nov 2016 11:53  
Operator : UM/SJ  
Sample : H5622-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4WK7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

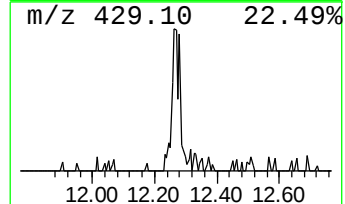
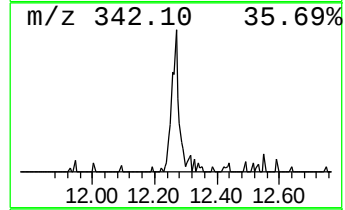
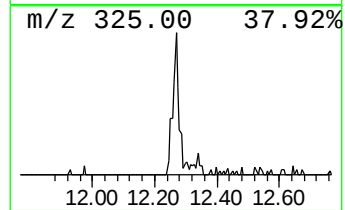
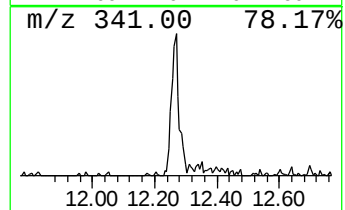
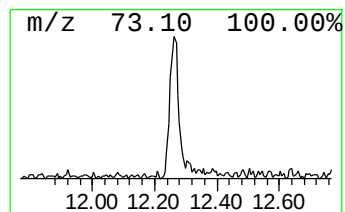
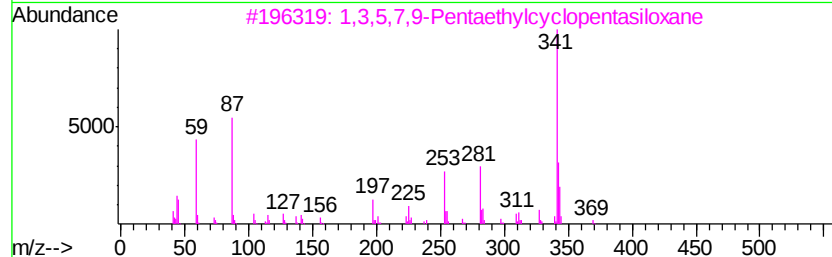
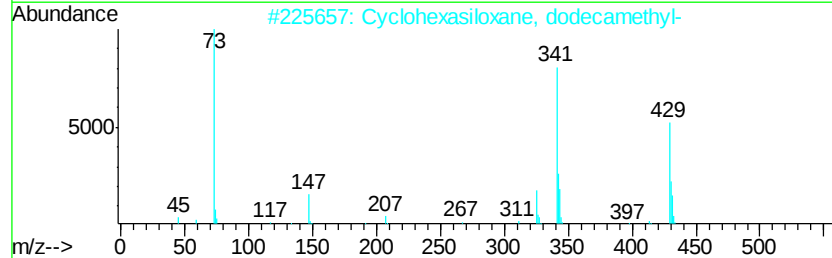
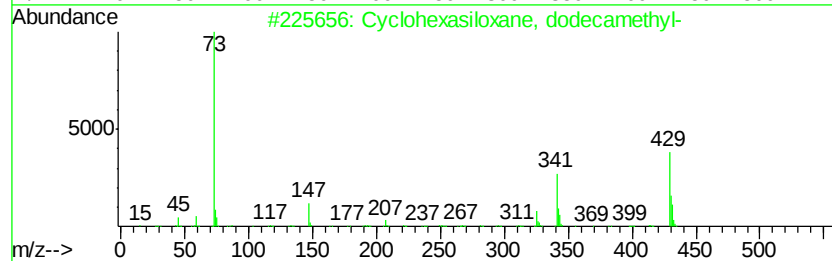
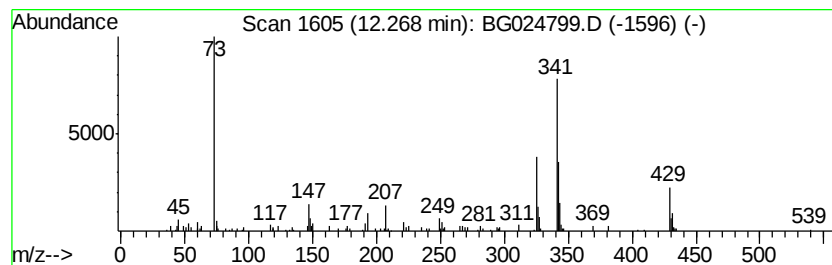
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Cyclohexasiloxane, dodecane... Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.27 | 3.89 ng/ul | 167104 | Naphthalene-d8   | 11.09 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cyclohexasiloxane, dodecamethyl-    | 444 | C12H36O6Si6 | 000540-97-6  | 74   |
| 2    |    | Cyclohexasiloxane, dodecamethyl-    | 444 | C12H36O6Si6 | 000540-97-6  | 38   |
| 3    |    | 1,3,5,7,9-Pentaethylcyclopentasi... | 370 | C10H30O5Si5 | 017995-44-7  | 38   |
| 4    |    | Silane, dimethyl(dimethyl(dimeth... | 476 | C24H40O4Si3 | 1000347-25-6 | 38   |
| 5    |    | Cyclohexasiloxane, dodecamethyl-    | 444 | C12H36O6Si6 | 000540-97-6  | 37   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024799.D  
Acq On : 16 Nov 2016 11:53  
Operator : UM/SJ  
Sample : H5622-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4WK7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

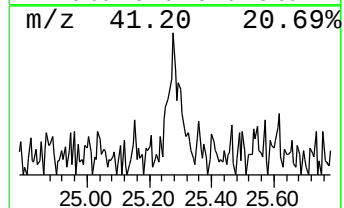
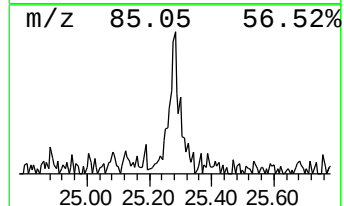
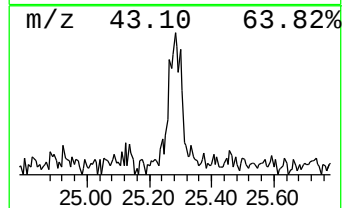
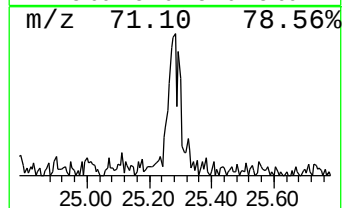
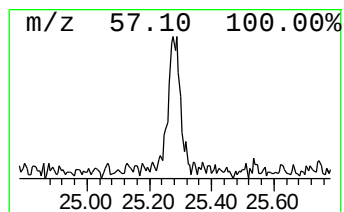
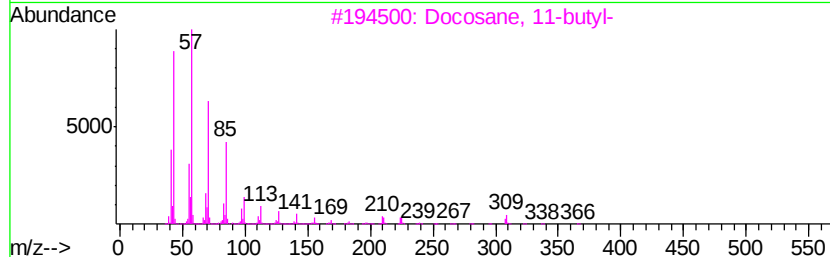
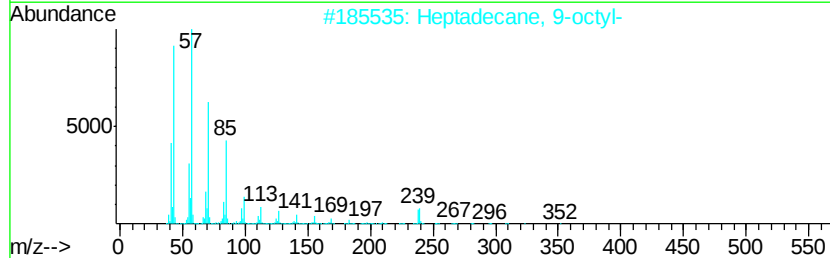
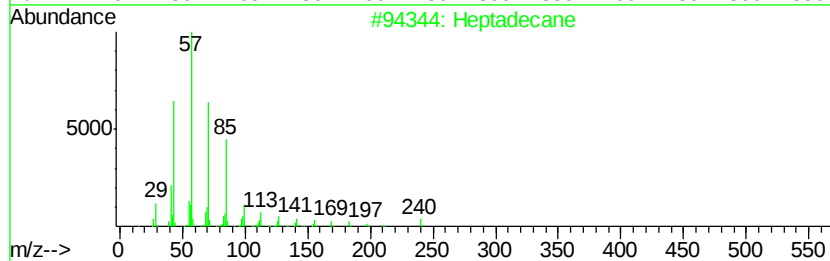
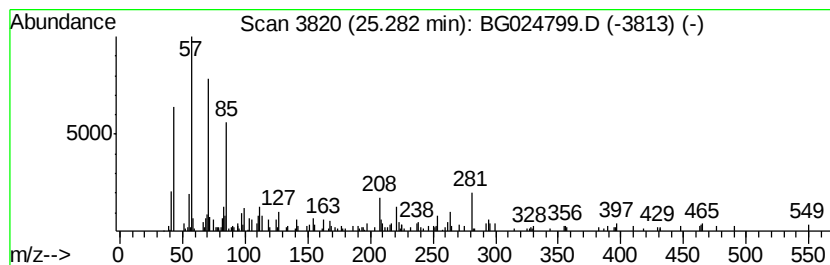
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 25.28 | 2.21 ng/ul | 101580 | Perylene-d12     | 25.35 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane           | 240 | C17H36  | 000629-78-7 | 58   |
| 2    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 52   |
| 3    |    | Docosane, 11-butyl-   | 366 | C26H54  | 013475-76-8 | 52   |
| 4    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 52   |
| 5    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 52   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024799.D  
Acq On : 16 Nov 2016 11:53  
Operator : UM/SJ  
Sample : H5622-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4WK7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

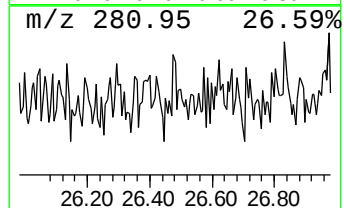
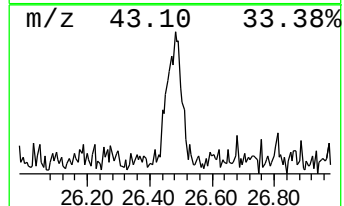
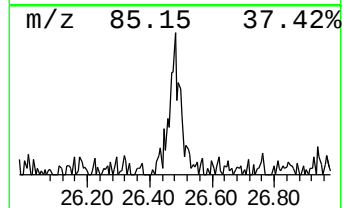
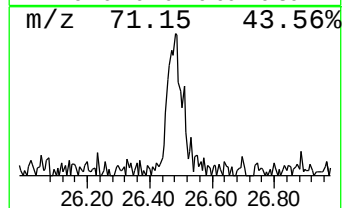
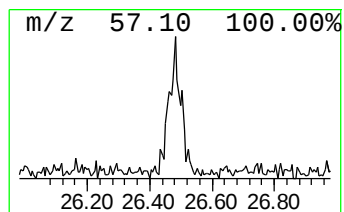
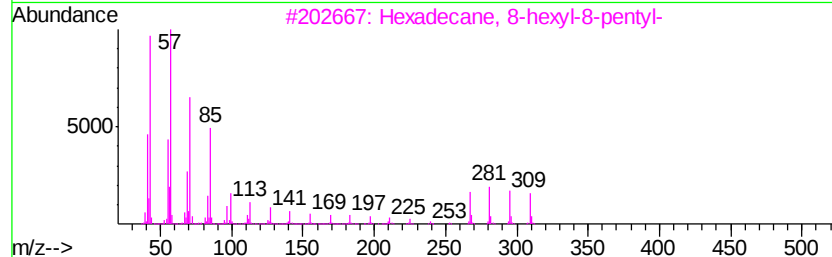
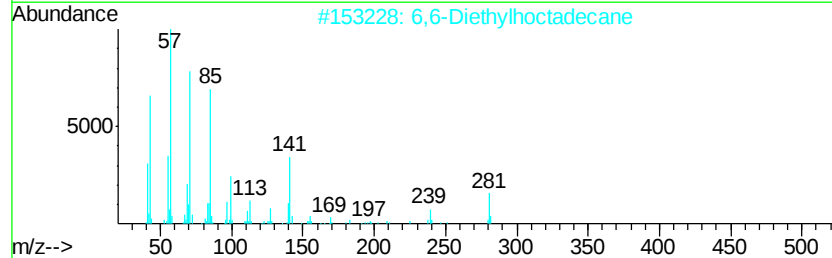
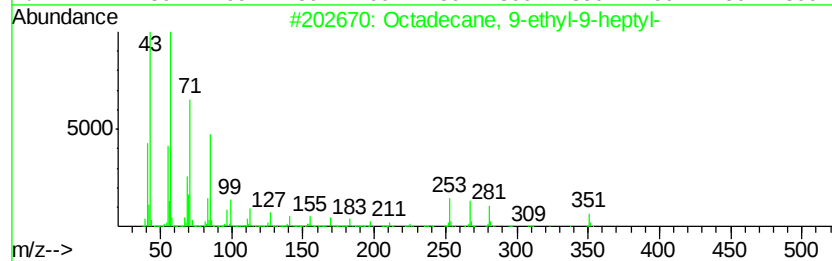
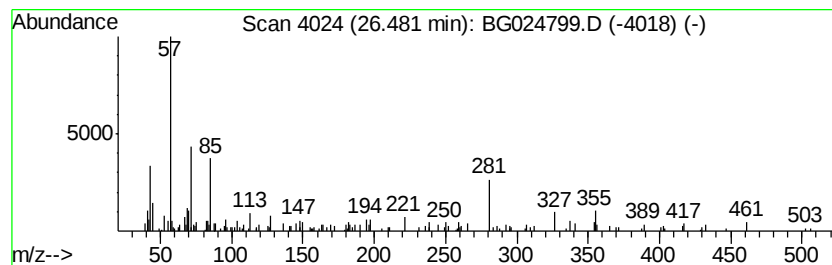
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 26.48 | 4.04 ng/ul | 185525 | Perylene-d12     | 25.35 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------|-----|---------|--------------|------|
| 1    | 5  | Octadecane, 9-ethyl-9-heptyl- | 380 | C27H56  | 055282-27-4  | 37   |
| 2    |    | 6,6-Diethylhooctadecane       | 310 | C22H46  | 1000360-41-8 | 37   |
| 3    |    | Hexadecane, 8-hexyl-8-pentyl- | 380 | C27H56  | 055282-29-6  | 28   |
| 4    |    | 13-Methylhentriacontane       | 451 | C32H66  | 1000131-19-4 | 28   |
| 5    |    | Pentacosane, 13-undecyl-      | 507 | C36H74  | 055517-89-0  | 9    |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024799.D  
Acq On : 16 Nov 2016 11:53  
Operator : UM/SJ  
Sample : H5622-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4WK7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

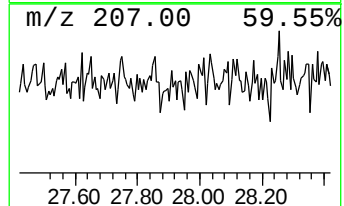
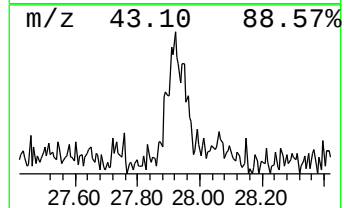
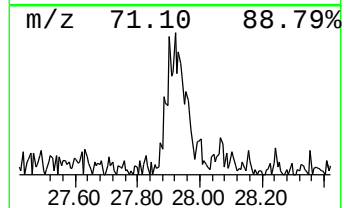
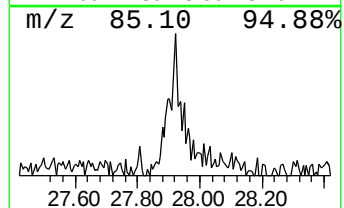
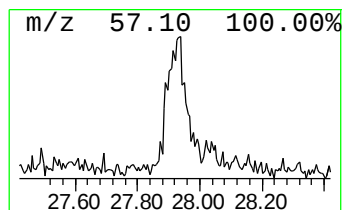
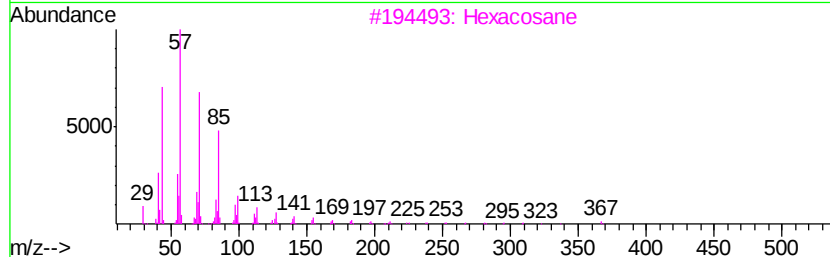
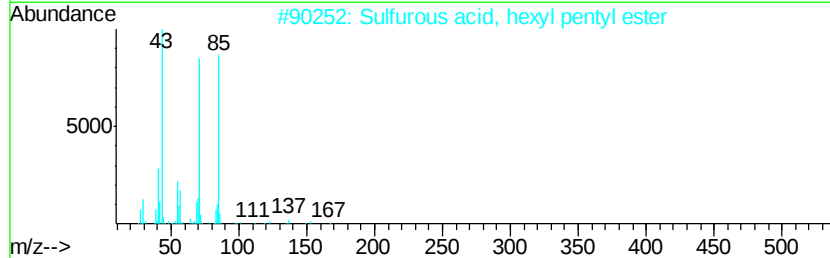
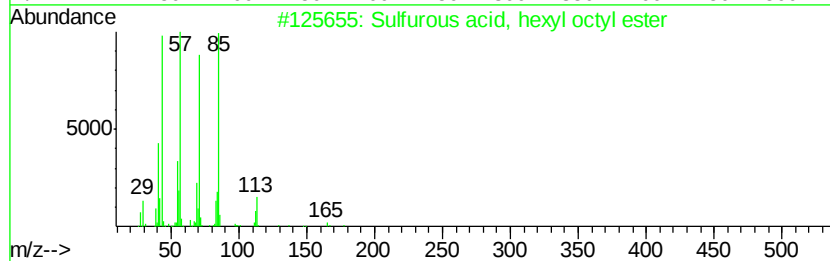
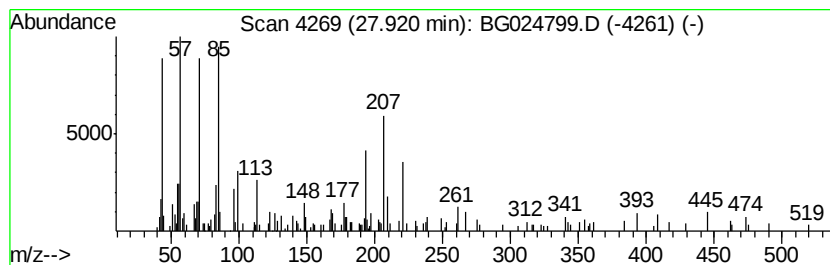
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 unknown-01 Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 27.92 | 2.74 ng/ul | 125847 | Perylene-d12     | 25.35 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|---|------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, hexyl octyl ester  | 278 | C14H30O3S | 1000309-13-0 | 46   |
| 2    |    |   | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 43   |
| 3    |    |   | Hexacosane                         | 366 | C26H54    | 000630-01-3  | 43   |
| 4    |    |   | Decane, 1-iodo-                    | 268 | C10H21I   | 002050-77-3  | 43   |
| 5    |    |   | Dodecane, 5-methyl-                | 184 | C13H28    | 017453-93-9  | 43   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024799.D  
Acq On : 16 Nov 2016 11:53  
Operator : UM/SJ  
Sample : H5622-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4WK7

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 4-Penten-2-one, 4... | 4.09  | 10.1    | ng/ul | 321181   | 1                     | 8.26  | 634501 | 20.0 |
| 3-Hexen-2-one        | 4.71  | 93.5    | ng/ul | 2964690  | 1                     | 8.26  | 634501 | 20.0 |
| Cyclotrisiloxane,... | 4.81  | 10.0    | ng/ul | 318376   | 1                     | 8.26  | 634501 | 20.0 |
| 2-Pentanone, 4-hy... | 5.32  | 9.8     | ng/ul | 310188   | 1                     | 8.26  | 634501 | 20.0 |
| Cyclotetrasiloxan... | 7.32  | 26.7    | ng/ul | 848100   | 1                     | 8.26  | 634501 | 20.0 |
| Cyclopentasiloxan... | 9.78  | 6.7     | ng/ul | 287643   | 2                     | 11.09 | 859539 | 20.0 |
| Cyclohexasiloxane... | 12.27 | 3.9     | ng/ul | 167104   | 2                     | 11.09 | 859539 | 20.0 |
| (DEL) Alkane: Str... | 25.28 | 2.2     | ng/ul | 101580   | 6                     | 25.35 | 917661 | 20.0 |
| (DEL) Alkane: Str... | 26.48 | 4.0     | ng/ul | 185525   | 6                     | 25.35 | 917661 | 20.0 |
| unknown-01           | 27.92 | 2.7     | ng/ul | 125847   | 6                     | 25.35 | 917661 | 20.0 |