

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111516\  
 Data File : BG024793.D  
 Acq On : 15 Nov 2016 12:08  
 Operator : UM/SJ  
 Sample : H5626-04DL 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 F2J03DL

## 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         | 4.389       | 260           | 264         | 270          | rVB4     | 16115          | 35337         | 1.31%           | 0.127%        |
| 2         | 4.441       | 270           | 273         | 276          | rBV4     | 8070           | 13045         | 0.48%           | 0.047%        |
| 3         | 4.788       | 327           | 332         | 337          | rBV5     | 7100           | 12913         | 0.48%           | 0.046%        |
| 4         | 4.947       | 358           | 359         | 366          | rVB4     | 6100           | 10317         | 0.38%           | 0.037%        |
| 5         | 5.176       | 396           | 398         | 405          | rVB2     | 6712           | 10099         | 0.37%           | 0.036%        |
| 6         | 5.258       | 408           | 412         | 418          | rVB7     | 4934           | 11333         | 0.42%           | 0.041%        |
| 7         | 5.317       | 418           | 422         | 429          | rBV3     | 9361           | 21850         | 0.81%           | 0.079%        |
| 8         | 5.734       | 485           | 493         | 497          | rBV6     | 12778          | 23167         | 0.86%           | 0.083%        |
| 9         | 5.863       | 508           | 515         | 519          | rBV9     | 12185          | 24583         | 0.91%           | 0.088%        |
| 10        | 6.239       | 574           | 579         | 583          | rBV5     | 13245          | 18415         | 0.68%           | 0.066%        |
| 11        | 6.786       | 668           | 672         | 675          | rBV4     | 6001           | 9717          | 0.36%           | 0.035%        |
| 12        | 7.215       | 743           | 745         | 751          | rVB3     | 7382           | 10722         | 0.40%           | 0.039%        |
| 13        | 7.403       | 768           | 777         | 785          | rVV3     | 48888          | 102880        | 3.80%           | 0.370%        |
| 14        | 7.573       | 795           | 806         | 814          | rVV2     | 150814         | 266897        | 9.86%           | 0.960%        |
| 15        | 7.638       | 814           | 817         | 819          | rVV3     | 9477           | 9918          | 0.37%           | 0.036%        |
| 16        | 7.785       | 834           | 842         | 852          | rVB2     | 160975         | 304889        | 11.26%          | 1.097%        |
| 17        | 7.885       | 855           | 859         | 865          | rBV5     | 12814          | 26800         | 0.99%           | 0.096%        |
| 18        | 7.979       | 868           | 875         | 881          | rVB4     | 19633          | 42453         | 1.57%           | 0.153%        |
| 19        | 8.261       | 916           | 923         | 934          | rBV2     | 328054         | 606364        | 22.40%          | 2.181%        |
| 20        | 8.372       | 937           | 942         | 946          | rVB6     | 8632           | 15195         | 0.56%           | 0.055%        |
| 21        | 8.537       | 966           | 970         | 973          | rBV2     | 6581           | 9752          | 0.36%           | 0.035%        |
| 22        | 8.637       | 980           | 987         | 996          | rVV3     | 97478          | 175227        | 6.47%           | 0.630%        |
| 23        | 8.801       | 1005          | 1015        | 1025         | rVB4     | 87513          | 176743        | 6.53%           | 0.636%        |
| 24        | 8.954       | 1031          | 1041        | 1050         | rVV      | 147532         | 264526        | 9.77%           | 0.952%        |
| 25        | 9.107       | 1059          | 1067        | 1073         | rBV9     | 8789           | 18220         | 0.67%           | 0.066%        |
| 26        | 9.365       | 1108          | 1111        | 1115         | rVV5     | 7778           | 12260         | 0.45%           | 0.044%        |
| 27        | 9.436       | 1115          | 1123        | 1133         | rVB      | 207929         | 392268        | 14.49%          | 1.411%        |
| 28        | 9.630       | 1151          | 1156        | 1160         | rVB7     | 13033          | 25898         | 0.96%           | 0.093%        |
| 29        | 9.747       | 1168          | 1176        | 1182         | rBV5     | 31695          | 79491         | 2.94%           | 0.286%        |
| 30        | 9.800       | 1183          | 1185        | 1195         | rVB4     | 8091           | 17402         | 0.64%           | 0.063%        |
| 31        | 10.158      | 1235          | 1246        | 1257         | rVB2     | 176418         | 349889        | 12.92%          | 1.259%        |
| 32        | 10.499      | 1296          | 1304        | 1307         | rVB3     | 7749           | 17894         | 0.66%           | 0.064%        |
| 33        | 10.699      | 1330          | 1338        | 1350         | rBV      | 236136         | 467692        | 17.28%          | 1.682%        |
| 34        | 10.999      | 1383          | 1389        | 1393         | rBV4     | 5779           | 11134         | 0.41%           | 0.040%        |

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Integrator: RTE  
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 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

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 11.087 | 1396 | 1404 | 1408 | rBV  | 445419  | 855926  | 31.62% | 3.079% |
| 36 | 11.140 | 1408 | 1413 | 1421 | rVV  | 1137210 | 2067365 | 76.37% | 7.437% |
| 37 | 11.257 | 1421 | 1433 | 1440 | rVB2 | 106640  | 227688  | 8.41%  | 0.819% |
| 38 | 11.439 | 1459 | 1464 | 1467 | rVB3 | 6322    | 10444   | 0.39%  | 0.038% |
| 39 | 11.486 | 1467 | 1472 | 1474 | rBV2 | 6086    | 9721    | 0.36%  | 0.035% |
| 40 | 12.080 | 1568 | 1573 | 1575 | rBV2 | 6900    | 10092   | 0.37%  | 0.036% |
| 41 | 12.420 | 1625 | 1631 | 1635 | rBV4 | 4110    | 10050   | 0.37%  | 0.036% |
| 42 | 12.632 | 1662 | 1667 | 1668 | rBV4 | 6967    | 9271    | 0.34%  | 0.033% |
| 43 | 12.720 | 1676 | 1682 | 1690 | rVB2 | 56177   | 106216  | 3.92%  | 0.382% |
| 44 | 12.843 | 1699 | 1703 | 1708 | rVB5 | 8848    | 16321   | 0.60%  | 0.059% |
| 45 | 12.937 | 1712 | 1719 | 1728 | rVB3 | 53931   | 106167  | 3.92%  | 0.382% |
| 46 | 13.172 | 1756 | 1759 | 1763 | rVB6 | 7441    | 10358   | 0.38%  | 0.037% |
| 47 | 13.231 | 1763 | 1769 | 1774 | rBV6 | 6608    | 12799   | 0.47%  | 0.046% |
| 48 | 13.290 | 1774 | 1779 | 1783 | rBV4 | 8005    | 13361   | 0.49%  | 0.048% |
| 49 | 13.719 | 1847 | 1852 | 1858 | rVB4 | 16189   | 33319   | 1.23%  | 0.120% |
| 50 | 13.783 | 1858 | 1863 | 1865 | rBV2 | 7408    | 10528   | 0.39%  | 0.038% |
| 51 | 14.271 | 1935 | 1946 | 1952 | rVV  | 567149  | 853697  | 31.54% | 3.071% |
| 52 | 14.377 | 1958 | 1964 | 1970 | rBV2 | 149711  | 216649  | 8.00%  | 0.779% |
| 53 | 14.506 | 1983 | 1986 | 1990 | rVB5 | 8067    | 12580   | 0.46%  | 0.045% |
| 54 | 14.577 | 1990 | 1998 | 2008 | rVB  | 578862  | 931255  | 34.40% | 3.350% |
| 55 | 14.823 | 2037 | 2040 | 2041 | rBV  | 22796   | 18947   | 0.70%  | 0.068% |
| 56 | 14.876 | 2043 | 2049 | 2056 | rVB  | 854876  | 1368655 | 50.56% | 4.923% |
| 57 | 14.941 | 2056 | 2060 | 2066 | rVB3 | 40037   | 64371   | 2.38%  | 0.232% |
| 58 | 15.011 | 2066 | 2072 | 2076 | rBV2 | 40314   | 72400   | 2.67%  | 0.260% |
| 59 | 15.058 | 2076 | 2080 | 2090 | rVB3 | 59628   | 111239  | 4.11%  | 0.400% |
| 60 | 15.276 | 2109 | 2117 | 2125 | rVB5 | 34289   | 67592   | 2.50%  | 0.243% |
| 61 | 15.376 | 2130 | 2134 | 2140 | rVB7 | 11947   | 18591   | 0.69%  | 0.067% |
| 62 | 15.429 | 2140 | 2143 | 2146 | rVB2 | 10468   | 12511   | 0.46%  | 0.045% |
| 63 | 15.505 | 2151 | 2156 | 2160 | rVB6 | 17571   | 24919   | 0.92%  | 0.090% |
| 64 | 15.587 | 2165 | 2170 | 2175 | rVB  | 60881   | 85300   | 3.15%  | 0.307% |
| 65 | 15.664 | 2179 | 2183 | 2189 | rVV4 | 8819    | 17617   | 0.65%  | 0.063% |
| 66 | 15.799 | 2200 | 2206 | 2211 | rBV8 | 31813   | 58774   | 2.17%  | 0.211% |
| 67 | 15.863 | 2211 | 2217 | 2223 | rVV  | 857910  | 1326482 | 49.00% | 4.772% |
| 68 | 15.922 | 2225 | 2227 | 2230 | rVB3 | 12923   | 13467   | 0.50%  | 0.048% |
| 69 | 15.969 | 2230 | 2235 | 2250 | rVB  | 317067  | 492656  | 18.20% | 1.772% |
| 70 | 16.093 | 2255 | 2256 | 2263 | rVB7 | 10837   | 18536   | 0.68%  | 0.067% |
| 71 | 16.310 | 2286 | 2293 | 2297 | rBV6 | 13214   | 22796   | 0.84%  | 0.082% |

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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :  
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## 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

|     |        |      |      |      |       |         |         |         |        |
|-----|--------|------|------|------|-------|---------|---------|---------|--------|
| 72  | 16.416 | 2307 | 2311 | 2313 | rBV5  | 15733   | 19568   | 0.72%   | 0.070% |
| 73  | 16.598 | 2337 | 2342 | 2347 | rVB6  | 18581   | 31177   | 1.15%   | 0.112% |
| 74  | 16.709 | 2357 | 2361 | 2369 | rBV8  | 9937    | 21934   | 0.81%   | 0.079% |
| 75  | 17.056 | 2416 | 2420 | 2424 | rBV6  | 5626    | 10308   | 0.38%   | 0.037% |
| 76  | 17.127 | 2428 | 2432 | 2438 | rVV5  | 18235   | 38344   | 1.42%   | 0.138% |
| 77  | 17.191 | 2438 | 2443 | 2447 | rVB7  | 21784   | 33224   | 1.23%   | 0.120% |
| 78  | 17.273 | 2451 | 2457 | 2463 | rBV8  | 15231   | 37296   | 1.38%   | 0.134% |
| 79  | 17.409 | 2473 | 2480 | 2489 | rVB7  | 16900   | 39620   | 1.46%   | 0.143% |
| 80  | 17.620 | 2509 | 2516 | 2526 | rBV2  | 1193680 | 1966273 | 72.63%  | 7.073% |
| 81  | 17.720 | 2526 | 2533 | 2545 | rVB2  | 1046996 | 1661844 | 61.39%  | 5.978% |
| 82  | 17.820 | 2548 | 2550 | 2553 | rBV4  | 8612    | 10583   | 0.39%   | 0.038% |
| 83  | 17.867 | 2554 | 2558 | 2566 | rVB   | 54791   | 83993   | 3.10%   | 0.302% |
| 84  | 18.020 | 2575 | 2584 | 2589 | rBV   | 150376  | 250272  | 9.25%   | 0.900% |
| 85  | 18.073 | 2589 | 2593 | 2603 | rVB2  | 138541  | 205152  | 7.58%   | 0.738% |
| 86  | 18.255 | 2619 | 2624 | 2630 | rBV8  | 48543   | 72340   | 2.67%   | 0.260% |
| 87  | 18.543 | 2669 | 2673 | 2678 | rVB   | 162852  | 227821  | 8.42%   | 0.820% |
| 88  | 18.684 | 2691 | 2697 | 2705 | rBV4  | 36411   | 58919   | 2.18%   | 0.212% |
| 89  | 18.813 | 2718 | 2719 | 2726 | rBV7  | 11877   | 24180   | 0.89%   | 0.087% |
| 90  | 19.060 | 2756 | 2761 | 2767 | rBV9  | 22418   | 51173   | 1.89%   | 0.184% |
| 91  | 19.242 | 2788 | 2792 | 2796 | rBV3  | 34161   | 43256   | 1.60%   | 0.156% |
| 92  | 19.624 | 2853 | 2857 | 2861 | rVB4  | 19254   | 28445   | 1.05%   | 0.102% |
| 93  | 19.882 | 2894 | 2901 | 2906 | rBV10 | 16284   | 44404   | 1.64%   | 0.160% |
| 94  | 19.988 | 2912 | 2919 | 2927 | rBV   | 1463671 | 2201544 | 81.33%  | 7.920% |
| 95  | 20.858 | 3065 | 3067 | 3070 | rBV3  | 28588   | 28283   | 1.04%   | 0.102% |
| 96  | 21.915 | 3240 | 3247 | 3254 | rBV   | 1458273 | 2590833 | 95.71%  | 9.320% |
| 97  | 23.419 | 3500 | 3503 | 3510 | rVB9  | 44562   | 80890   | 2.99%   | 0.291% |
| 98  | 25.105 | 3779 | 3790 | 3802 | rVB3  | 701637  | 2142047 | 79.13%  | 7.706% |
| 99  | 25.341 | 3820 | 3830 | 3846 | rVB3  | 831867  | 2707088 | 100.00% | 9.738% |
| 100 | 27.908 | 4265 | 4267 | 4283 | rVB3  | 52517   | 173747  | 6.42%   | 0.625% |

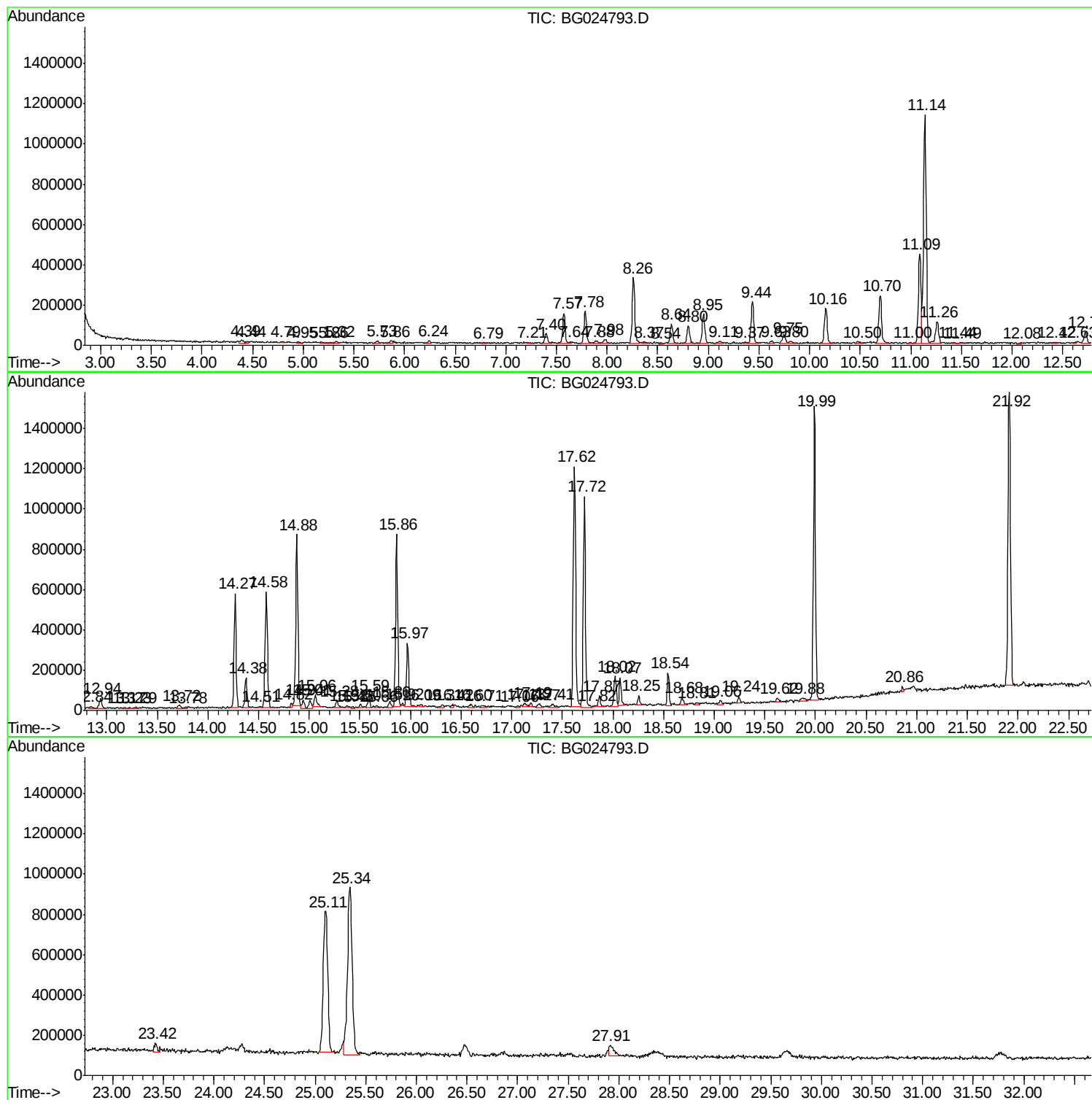
Sum of corrected areas: 27798508

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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



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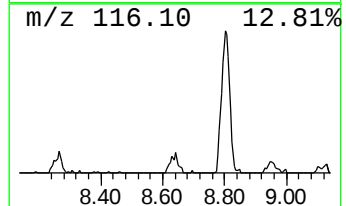
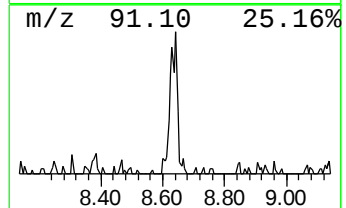
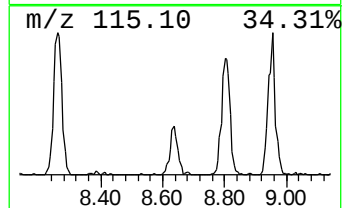
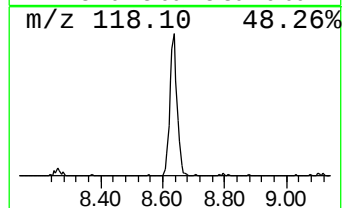
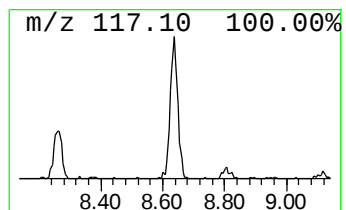
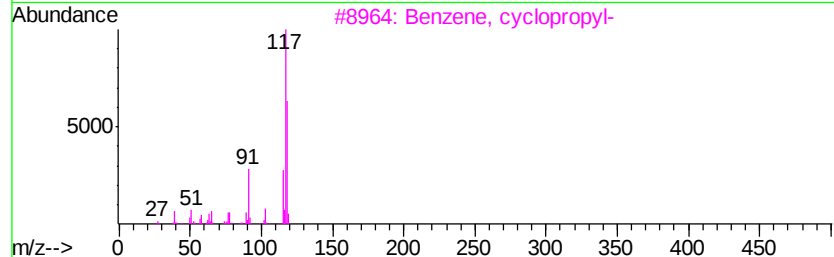
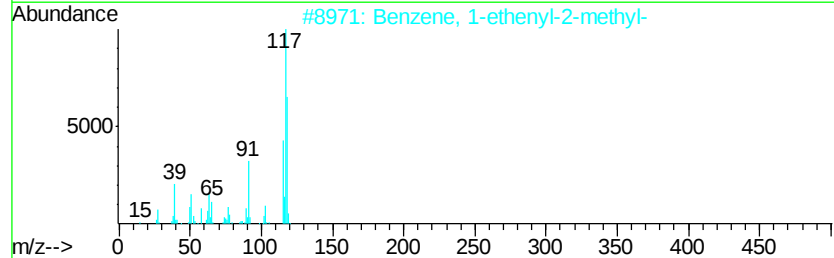
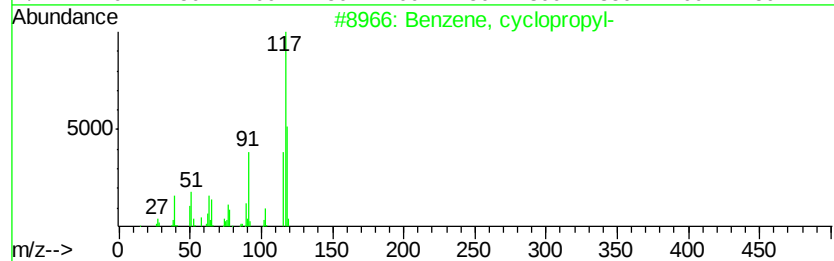
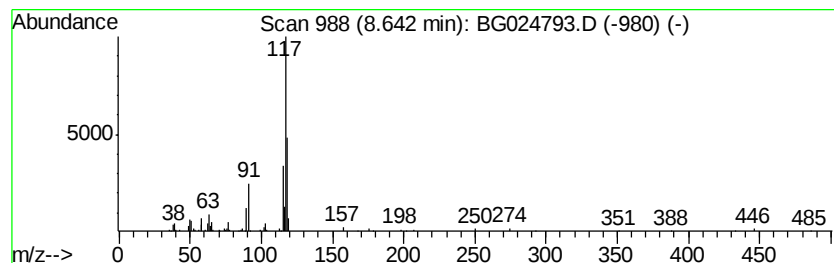
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzene, cyclopropyl- Concentration Rank 2

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.            |
|---------|------------|-------------------------------------|------------------------|-----------------|
| 8.64    | 5.78 ng/ul | 175227                              | 1,4-Dichlorobenzene-d4 | 8.26            |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual       |
| 1       |            | Benzene, cyclopropyl-               | 118 C9H10              | 000873-49-4 76  |
| 2       |            | Benzene, 1-ethenyl-2-methyl-        | 118 C9H10              | 000611-15-4 76  |
| 3       |            | Benzene, cyclopropyl-               | 118 C9H10              | 000873-49-4 76  |
| 4       |            | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 C9H10              | 1000191-13-7 76 |
| 5       |            | (Z)-1-Phenylpropene                 | 118 C9H10              | 000766-90-5 76  |



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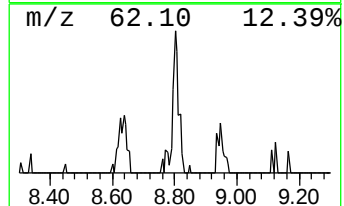
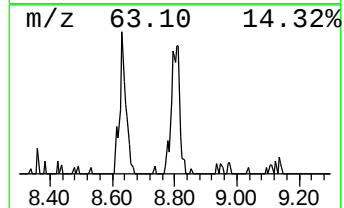
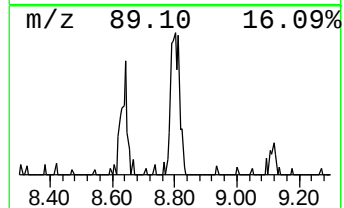
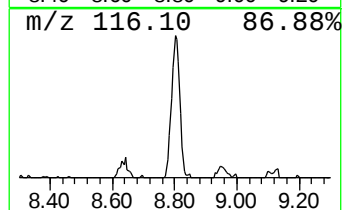
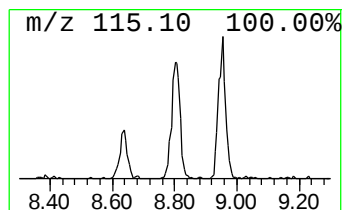
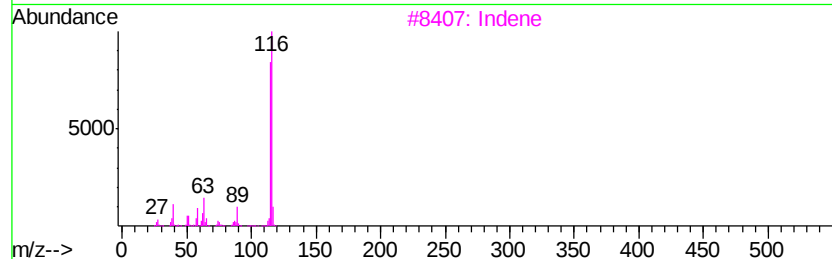
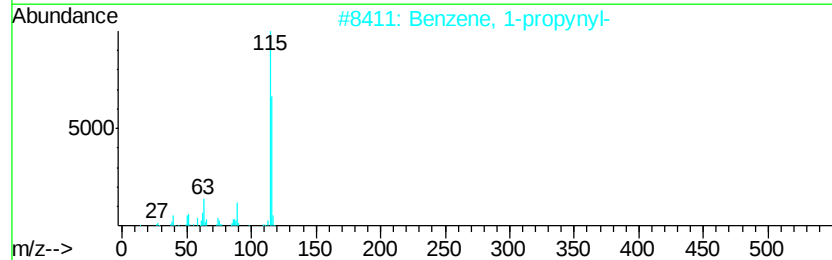
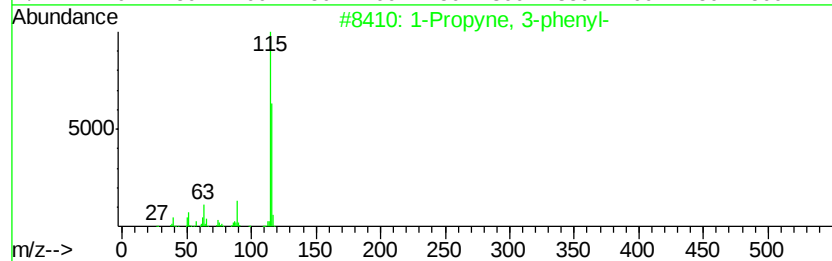
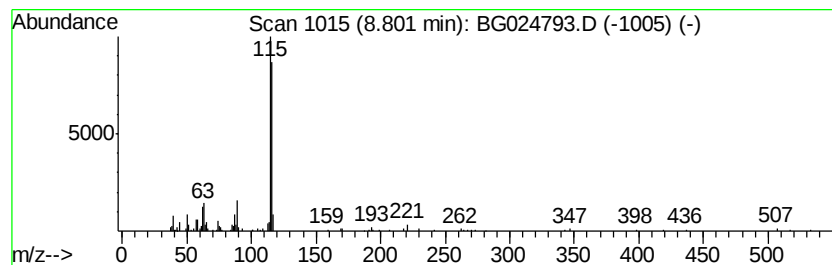
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 1-Propyne, 3-phenyl- Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.80 | 5.83 ng/ul | 176743 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Propyne, 3-phenyl-      | 116 | C9H8    | 010147-11-2 | 93   |
| 2    |    | Benzene, 1-propynyl-      | 116 | C9H8    | 000673-32-5 | 93   |
| 3    |    | Indene                    | 116 | C9H8    | 000095-13-6 | 91   |
| 4    |    | 3-Methylphenylacetylene   | 116 | C9H8    | 000766-82-5 | 91   |
| 5    |    | Benzene, 1,2-propadienyl- | 116 | C9H8    | 002327-99-3 | 91   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111516\  
Data File : BG024793.D  
Acq On : 15 Nov 2016 12:08  
Operator : UM/SJ  
Sample : H5626-04DL 2X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F2J03DL

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

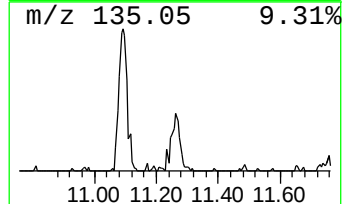
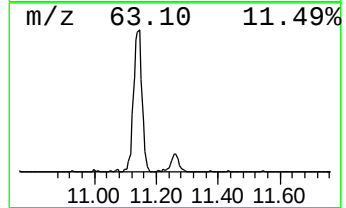
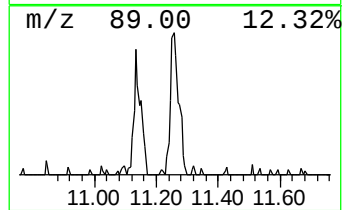
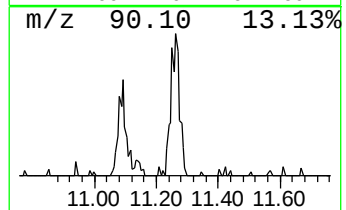
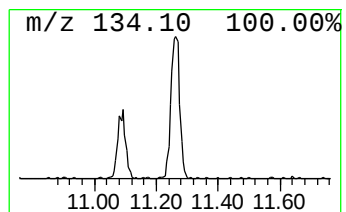
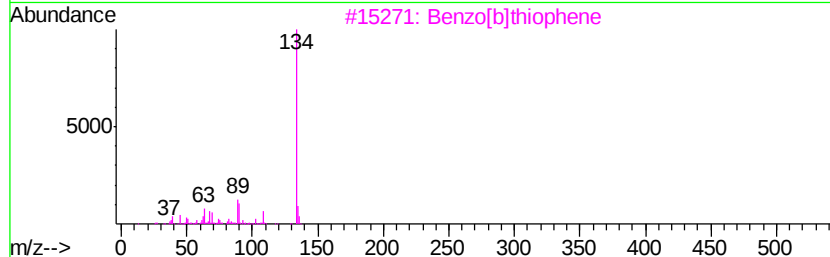
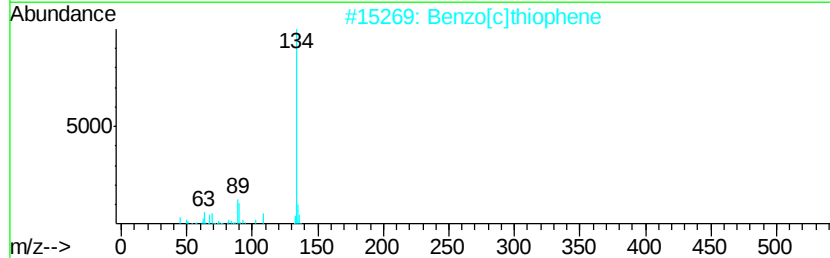
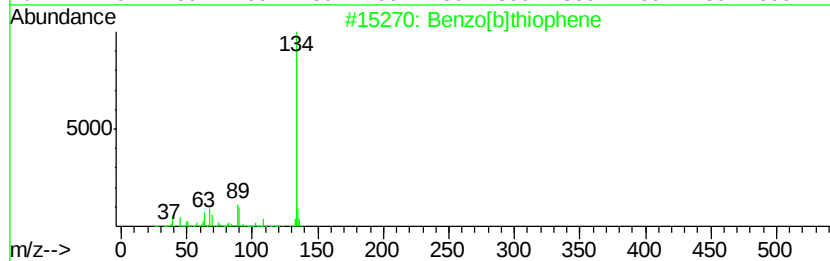
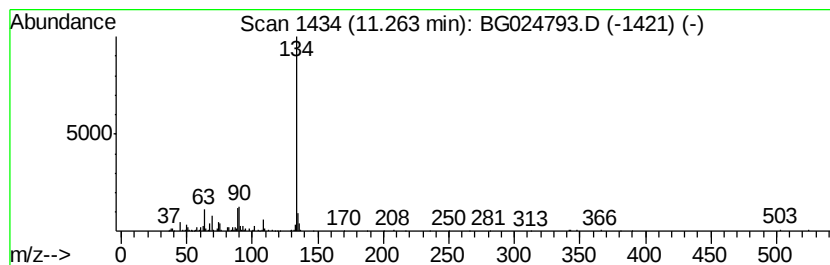
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Benzo[b]thiophene Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.26 | 5.32 ng/ul | 227688 | Napthalene-d8    | 11.09 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 87   |
| 2    |    | Benzo[c]thiophene      | 134 | C8H6S   | 000270-82-6 | 87   |
| 3    |    | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 87   |
| 4    |    | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 80   |
| 5    |    | Cyclopenta[c]thiapyran | 134 | C8H6S   | 000270-63-3 | 72   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111516\  
Data File : BG024793.D  
Acq On : 15 Nov 2016 12:08  
Operator : UM/SJ  
Sample : H5626-04DL 2X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F2J03DL

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

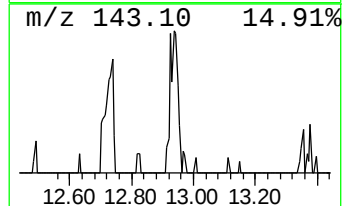
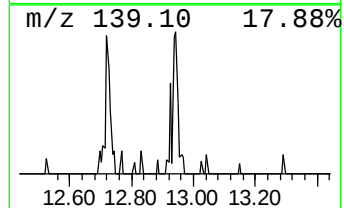
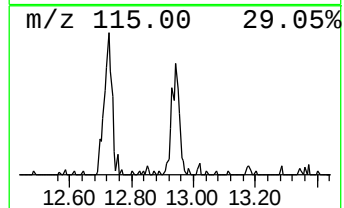
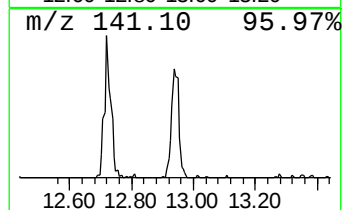
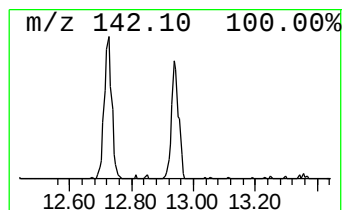
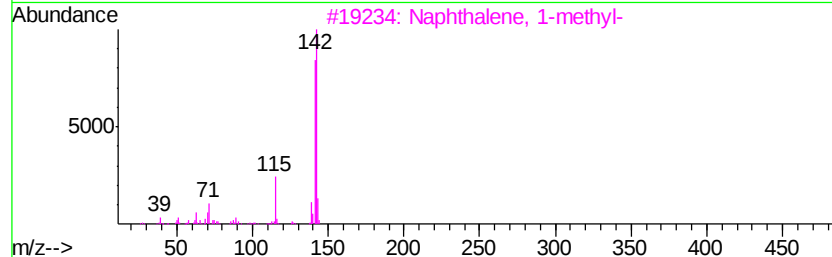
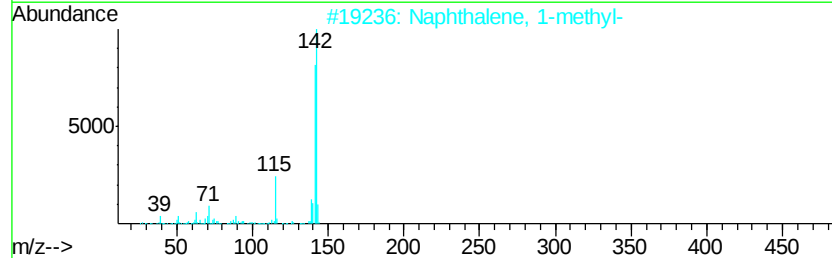
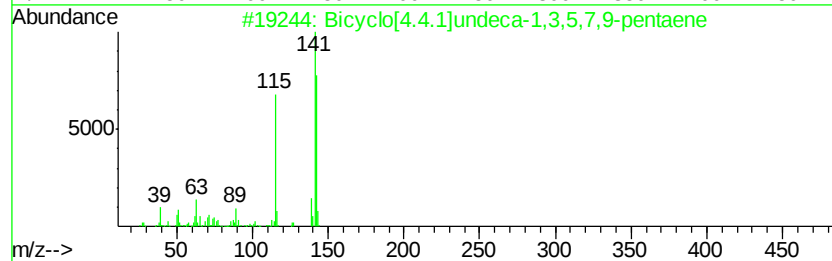
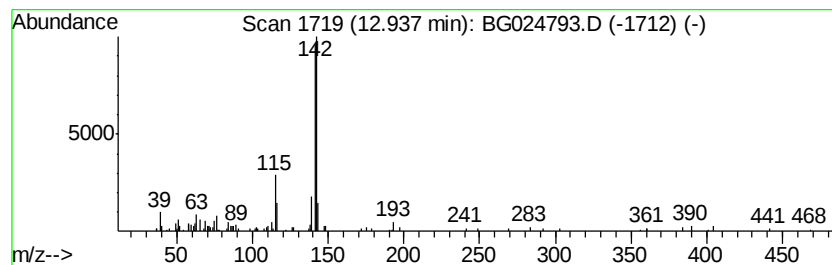
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.94 | 2.48 ng/ul | 106167 | Naphthalene-d8   | 11.09 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10  | 002443-46-1 | 90   |
| 2    |    | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 86   |
| 3    |    | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 86   |
| 4    |    | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 86   |
| 5    |    | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 86   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111516\  
Data File : BG024793.D  
Acq On : 15 Nov 2016 12:08  
Operator : UM/SJ  
Sample : H5626-04DL 2X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F2J03DL

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

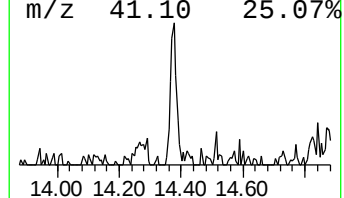
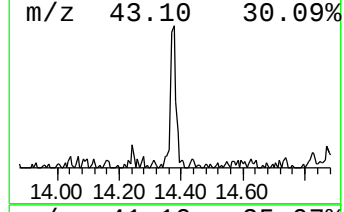
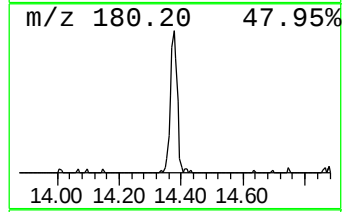
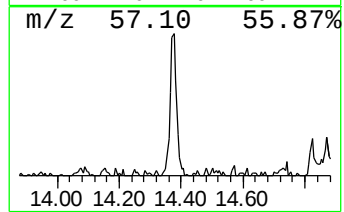
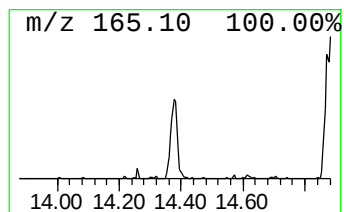
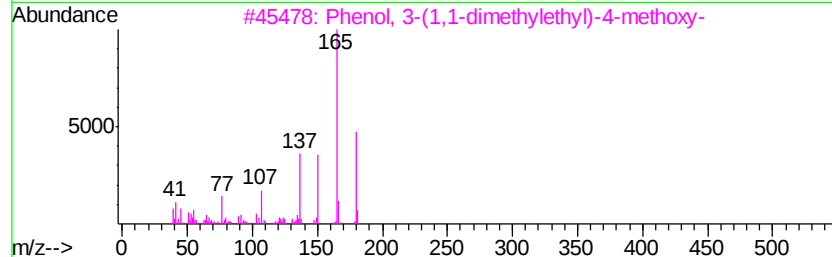
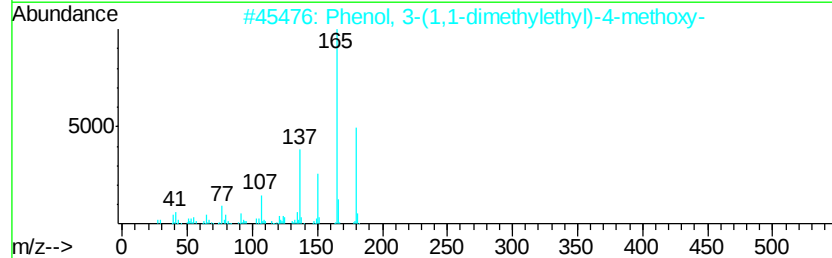
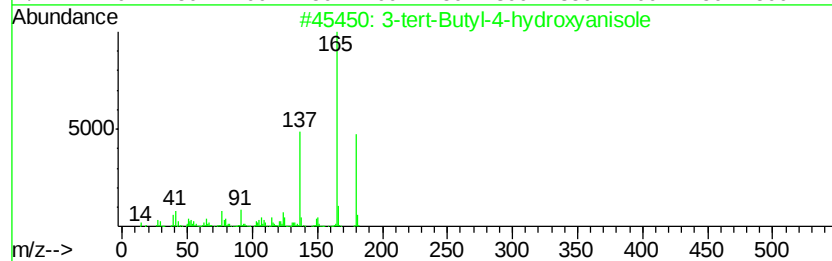
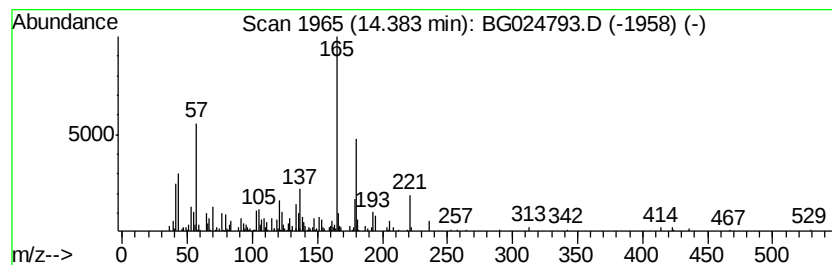
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 3-tert-Butyl-4-hydroxyanisole Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.38 | 3.17 ng/ul | 216649 | Acenaphthene-d10 | 14.88 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 3-tert-Butyl-4-hydroxyanisole       | 180 | C11H16O2 | 000121-00-6 | 76   |
| 2    |    | Phenol, 3-(1,1-dimethylethyl)-4-... | 180 | C11H16O2 | 000088-32-4 | 76   |
| 3    |    | Phenol, 3-(1,1-dimethylethyl)-4-... | 180 | C11H16O2 | 000088-32-4 | 68   |
| 4    |    | 3H-Benz[e]indene, 2-methyl-         | 180 | C14H12   | 150096-60-9 | 58   |
| 5    |    | Ethanone, 1-(3,4-dimethoxyphenyl)-  | 180 | C10H12O3 | 001131-62-0 | 49   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111516\  
Data File : BG024793.D  
Acq On : 15 Nov 2016 12:08  
Operator : UM/SJ  
Sample : H5626-04DL 2X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F2J03DL

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

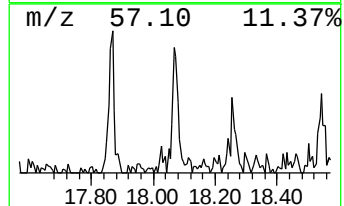
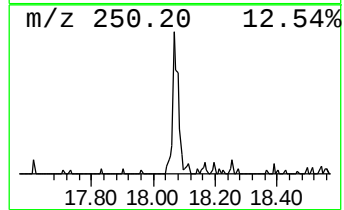
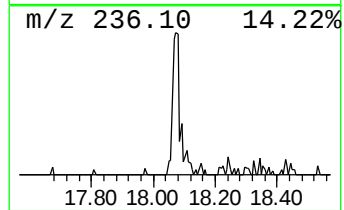
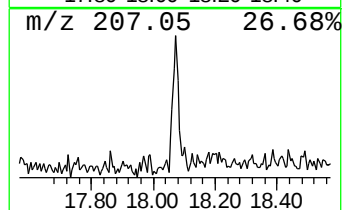
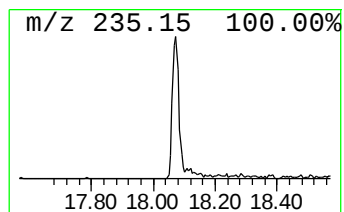
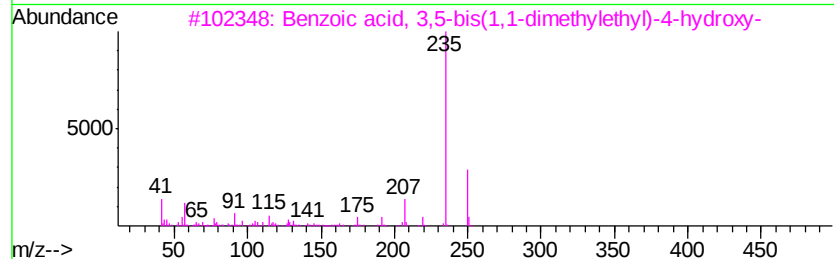
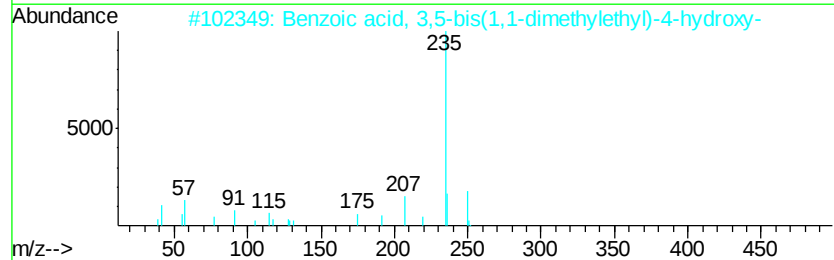
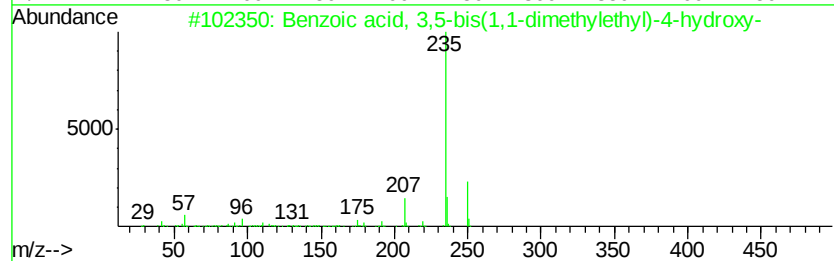
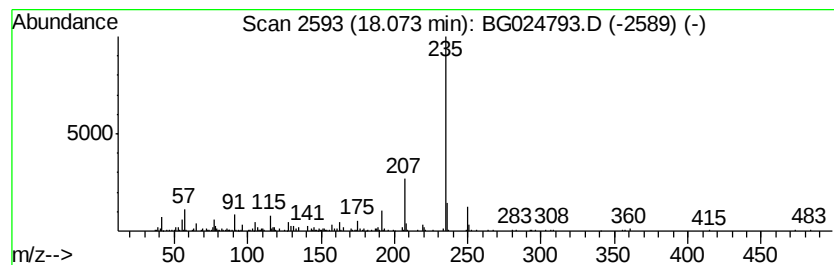
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.07 | 2.09 ng/ul | 205152 | Phenanthrene-d10 | 17.62 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 91   |
| 2    |    | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 86   |
| 3    |    | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 72   |
| 4    |    | 1,3-Benzenedicarboxylic acid, 5-... | 250 | C14H18O4 | 016308-65-9 | 56   |
| 5    |    | 4-Pyrimidinamine, 5-iodo-6-methyl-  | 235 | C5H6IN3  | 083410-18-8 | 50   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111516\  
Data File : BG024793.D  
Acq On : 15 Nov 2016 12:08  
Operator : UM/SJ  
Sample : H5626-04DL 2X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F2J03DL

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 |
| Benzene, cyclopro... | 8.64  | 5.8     | ng/ul | 175227   | 1                     | 8.26  | 606364  | 20.0 |
| 1-Propyne, 3-phenyl- | 8.80  | 5.8     | ng/ul | 176743   | 1                     | 8.26  | 606364  | 20.0 |
| Benzo[b]thiophene    | 11.26 | 5.3     | ng/ul | 227688   | 2                     | 11.09 | 855926  | 20.0 |
| Bicyclo[4.4.1]und... | 12.94 | 2.5     | ng/ul | 106167   | 2                     | 11.09 | 855926  | 20.0 |
| 3-tert-Butyl-4-hy... | 14.38 | 3.2     | ng/ul | 216649   | 3                     | 14.88 | 1368660 | 20.0 |
| Benzoic acid, 3,5... | 18.07 | 2.1     | ng/ul | 205152   | 4                     | 17.62 | 1966270 | 20.0 |