

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\  
 Data File : BG019292.D  
 Acq On : 21 Oct 2015 22:37  
 Operator : UM/NP  
 Sample : G4057-14  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E5LN0

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

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

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

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

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.075       | 36            | 40          | 49           | rVV      | 31058          | 52428         | 9.21%           | 0.985%        |
| 2         | 3.151       | 49            | 53          | 63           | rVB      | 80748          | 105997        | 18.62%          | 1.990%        |
| 3         | 4.027       | 200           | 202         | 211          | rVB5     | 1203           | 2858          | 0.50%           | 0.054%        |
| 4         | 5.995       | 533           | 537         | 539          | rBV3     | 747            | 1309          | 0.23%           | 0.025%        |
| 5         | 6.101       | 552           | 555         | 557          | rBV2     | 1006           | 1288          | 0.23%           | 0.024%        |
| 6         | 7.164       | 729           | 736         | 742          | rBV2     | 10421          | 17253         | 3.03%           | 0.324%        |
| 7         | 7.311       | 754           | 761         | 767          | rBV      | 40454          | 64265         | 11.29%          | 1.207%        |
| 8         | 7.523       | 791           | 797         | 804          | rVB2     | 43025          | 71210         | 12.51%          | 1.337%        |
| 9         | 7.987       | 869           | 876         | 882          | rBV      | 48691          | 78571         | 13.80%          | 1.475%        |
| 10        | 8.357       | 935           | 939         | 943          | rBV2     | 773            | 1396          | 0.25%           | 0.026%        |
| 11        | 8.698       | 992           | 997         | 1007         | rVB      | 32991          | 57246         | 10.06%          | 1.075%        |
| 12        | 9.144       | 1064          | 1073        | 1081         | rBV      | 60166          | 104940        | 18.43%          | 1.971%        |
| 13        | 9.462       | 1122          | 1127        | 1131         | rBV3     | 1313           | 2728          | 0.48%           | 0.051%        |
| 14        | 9.532       | 1134          | 1139        | 1142         | rBV      | 2978           | 4509          | 0.79%           | 0.085%        |
| 15        | 9.867       | 1190          | 1196        | 1204         | rBV2     | 55732          | 99409         | 17.46%          | 1.867%        |
| 16        | 10.419      | 1283          | 1290        | 1301         | rBV      | 79134          | 137654        | 24.18%          | 2.585%        |
| 17        | 10.613      | 1321          | 1323        | 1327         | rVB3     | 1418           | 1680          | 0.30%           | 0.032%        |
| 18        | 10.790      | 1346          | 1353        | 1360         | rBV      | 74292          | 130989        | 23.01%          | 2.460%        |
| 19        | 11.030      | 1390          | 1394        | 1401         | rBV4     | 1505           | 2631          | 0.46%           | 0.049%        |
| 20        | 11.154      | 1412          | 1415        | 1420         | rBV3     | 1171           | 2750          | 0.48%           | 0.052%        |
| 21        | 11.195      | 1420          | 1422        | 1428         | rVB4     | 2667           | 4233          | 0.74%           | 0.079%        |
| 22        | 11.383      | 1449          | 1454        | 1461         | rVB4     | 1869           | 3040          | 0.53%           | 0.057%        |
| 23        | 11.665      | 1498          | 1502        | 1507         | rBV3     | 986            | 1424          | 0.25%           | 0.027%        |
| 24        | 11.912      | 1538          | 1544        | 1548         | rVB2     | 1333           | 2061          | 0.36%           | 0.039%        |
| 25        | 12.376      | 1619          | 1623        | 1627         | rBV3     | 1078           | 1942          | 0.34%           | 0.036%        |
| 26        | 12.482      | 1633          | 1641        | 1646         | rBV3     | 10517          | 17279         | 3.04%           | 0.324%        |
| 27        | 12.640      | 1662          | 1668        | 1669         | rBV2     | 1306           | 1709          | 0.30%           | 0.032%        |
| 28        | 12.664      | 1669          | 1672        | 1676         | rVB3     | 2454           | 2492          | 0.44%           | 0.047%        |
| 29        | 12.775      | 1687          | 1691        | 1696         | rBV3     | 2999           | 3173          | 0.56%           | 0.060%        |
| 30        | 12.822      | 1696          | 1699        | 1704         | rVV3     | 1537           | 2487          | 0.44%           | 0.047%        |
| 31        | 12.887      | 1708          | 1710        | 1714         | rVB3     | 2230           | 2221          | 0.39%           | 0.042%        |
| 32        | 12.969      | 1719          | 1724        | 1728         | rBV2     | 26506          | 36970         | 6.49%           | 0.694%        |
| 33        | 13.016      | 1728          | 1732        | 1742         | rVB6     | 17062          | 31363         | 5.51%           | 0.589%        |
| 34        | 13.228      | 1764          | 1768        | 1770         | rVB3     | 1164           | 1768          | 0.31%           | 0.033%        |

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 Start Thrs: 0.2  
 Stop Thrs : 0

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

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

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

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 13.357 | 1788 | 1790 | 1796 | rVB2 | 1054   | 1372   | 0.24%  | 0.026% |
| 36 | 13.504 | 1813 | 1815 | 1819 | rBV2 | 754    | 1144   | 0.20%  | 0.021% |
| 37 | 13.551 | 1819 | 1823 | 1825 | rVV3 | 2428   | 3069   | 0.54%  | 0.058% |
| 38 | 13.580 | 1825 | 1828 | 1833 | rVB2 | 1717   | 2610   | 0.46%  | 0.049% |
| 39 | 13.739 | 1853 | 1855 | 1856 | rBV2 | 1564   | 1204   | 0.21%  | 0.023% |
| 40 | 13.757 | 1856 | 1858 | 1861 | rVV3 | 2002   | 2380   | 0.42%  | 0.045% |
| 41 | 13.786 | 1861 | 1863 | 1870 | rVV4 | 3077   | 4957   | 0.87%  | 0.093% |
| 42 | 13.857 | 1870 | 1875 | 1876 | rVV3 | 1517   | 2037   | 0.36%  | 0.038% |
| 43 | 13.880 | 1877 | 1879 | 1883 | rVB3 | 2684   | 2551   | 0.45%  | 0.048% |
| 44 | 13.951 | 1888 | 1891 | 1892 | rBV  | 1366   | 1797   | 0.32%  | 0.034% |
| 45 | 13.980 | 1892 | 1896 | 1897 | rVV4 | 1796   | 2431   | 0.43%  | 0.046% |
| 46 | 14.021 | 1897 | 1903 | 1909 | rVB  | 195515 | 272818 | 47.92% | 5.123% |
| 47 | 14.121 | 1914 | 1920 | 1926 | rVV4 | 5236   | 9564   | 1.68%  | 0.180% |
| 48 | 14.197 | 1929 | 1933 | 1938 | rVB2 | 1653   | 2731   | 0.48%  | 0.051% |
| 49 | 14.315 | 1946 | 1953 | 1960 | rBV  | 187527 | 300942 | 52.86% | 5.651% |
| 50 | 14.491 | 1978 | 1983 | 1986 | rBV2 | 2670   | 4261   | 0.75%  | 0.080% |
| 51 | 14.532 | 1986 | 1990 | 1993 | rVV4 | 1165   | 2405   | 0.42%  | 0.045% |
| 52 | 14.620 | 1998 | 2005 | 2014 | rBV2 | 144044 | 229084 | 40.24% | 4.302% |
| 53 | 14.697 | 2014 | 2018 | 2022 | rBV3 | 5059   | 6287   | 1.10%  | 0.118% |
| 54 | 14.785 | 2029 | 2033 | 2037 | rBV5 | 4562   | 8251   | 1.45%  | 0.155% |
| 55 | 14.838 | 2037 | 2042 | 2049 | rVB3 | 15274  | 27895  | 4.90%  | 0.524% |
| 56 | 14.926 | 2052 | 2057 | 2059 | rBV3 | 2684   | 4111   | 0.72%  | 0.077% |
| 57 | 15.002 | 2066 | 2070 | 2073 | rVB3 | 1547   | 2016   | 0.35%  | 0.038% |
| 58 | 15.037 | 2073 | 2076 | 2077 | rBV  | 1245   | 1246   | 0.22%  | 0.023% |
| 59 | 15.090 | 2082 | 2085 | 2088 | rBV  | 1444   | 2041   | 0.36%  | 0.038% |
| 60 | 15.149 | 2091 | 2095 | 2096 | rBV  | 1121   | 1320   | 0.23%  | 0.025% |
| 61 | 15.284 | 2116 | 2118 | 2124 | rVB2 | 862    | 1399   | 0.25%  | 0.026% |
| 62 | 15.408 | 2135 | 2139 | 2141 | rBV3 | 2594   | 3827   | 0.67%  | 0.072% |
| 63 | 15.431 | 2141 | 2143 | 2146 | rVB  | 1081   | 1169   | 0.21%  | 0.022% |
| 64 | 15.496 | 2152 | 2154 | 2159 | rVB3 | 1782   | 2277   | 0.40%  | 0.043% |
| 65 | 15.549 | 2161 | 2163 | 2166 | rVV  | 1309   | 1678   | 0.29%  | 0.032% |
| 66 | 15.607 | 2166 | 2173 | 2188 | rVB  | 267847 | 418508 | 73.51% | 7.859% |
| 67 | 15.731 | 2188 | 2194 | 2202 | rBV  | 110796 | 163303 | 28.68% | 3.067% |
| 68 | 15.831 | 2207 | 2211 | 2212 | rBV2 | 2193   | 2378   | 0.42%  | 0.045% |
| 69 | 15.866 | 2212 | 2217 | 2220 | rVV7 | 3905   | 7013   | 1.23%  | 0.132% |
| 70 | 15.913 | 2220 | 2225 | 2229 | rVB  | 65306  | 87419  | 15.35% | 1.642% |
| 71 | 16.060 | 2246 | 2250 | 2254 | rVB3 | 1293   | 2017   | 0.35%  | 0.038% |

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

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 72  | 16.318 | 2291 | 2294 | 2298 | rVB4 | 1202   | 1683   | 0.30%   | 0.032%  |
| 73  | 16.495 | 2317 | 2324 | 2327 | rBV3 | 2527   | 4133   | 0.73%   | 0.078%  |
| 74  | 16.835 | 2380 | 2382 | 2387 | rVB2 | 1769   | 1841   | 0.32%   | 0.035%  |
| 75  | 16.929 | 2394 | 2398 | 2401 | rBV  | 1368   | 2078   | 0.36%   | 0.039%  |
| 76  | 17.106 | 2421 | 2428 | 2432 | rVV5 | 3229   | 4832   | 0.85%   | 0.091%  |
| 77  | 17.159 | 2432 | 2437 | 2440 | rVB3 | 1627   | 2381   | 0.42%   | 0.045%  |
| 78  | 17.270 | 2453 | 2456 | 2458 | rBV2 | 1547   | 1880   | 0.33%   | 0.035%  |
| 79  | 17.364 | 2466 | 2472 | 2479 | rBV2 | 188987 | 282405 | 49.60%  | 5.303%  |
| 80  | 17.464 | 2483 | 2489 | 2496 | rVV  | 317129 | 474559 | 83.35%  | 8.911%  |
| 81  | 17.552 | 2500 | 2504 | 2510 | rVV4 | 4870   | 8527   | 1.50%   | 0.160%  |
| 82  | 17.623 | 2514 | 2516 | 2521 | rVB2 | 1439   | 2311   | 0.41%   | 0.043%  |
| 83  | 17.681 | 2521 | 2526 | 2528 | rBV  | 916    | 1514   | 0.27%   | 0.028%  |
| 84  | 17.734 | 2531 | 2535 | 2542 | rVB3 | 1193   | 2828   | 0.50%   | 0.053%  |
| 85  | 17.828 | 2550 | 2551 | 2553 | rBV  | 1277   | 1345   | 0.24%   | 0.025%  |
| 86  | 18.122 | 2598 | 2601 | 2605 | rBV2 | 1261   | 1891   | 0.33%   | 0.036%  |
| 87  | 18.251 | 2619 | 2623 | 2628 | rBV4 | 5994   | 9498   | 1.67%   | 0.178%  |
| 88  | 18.322 | 2632 | 2635 | 2641 | rVB  | 5389   | 6790   | 1.19%   | 0.128%  |
| 89  | 18.539 | 2667 | 2672 | 2673 | rBV2 | 1387   | 1285   | 0.23%   | 0.024%  |
| 90  | 18.610 | 2680 | 2684 | 2685 | rBV3 | 1075   | 1523   | 0.27%   | 0.029%  |
| 91  | 18.727 | 2700 | 2704 | 2706 | rBV2 | 1942   | 2291   | 0.40%   | 0.043%  |
| 92  | 19.027 | 2753 | 2755 | 2758 | rBV2 | 1574   | 1190   | 0.21%   | 0.022%  |
| 93  | 19.385 | 2809 | 2816 | 2821 | rBV2 | 5032   | 10252  | 1.80%   | 0.193%  |
| 94  | 19.520 | 2836 | 2839 | 2842 | rBV4 | 3145   | 4230   | 0.74%   | 0.079%  |
| 95  | 19.632 | 2857 | 2858 | 2862 | rVV  | 2914   | 2695   | 0.47%   | 0.051%  |
| 96  | 19.750 | 2872 | 2878 | 2885 | rBV  | 409530 | 561471 | 98.62%  | 10.543% |
| 97  | 21.624 | 3191 | 3197 | 3204 | rBV  | 222563 | 358699 | 63.00%  | 6.736%  |
| 98  | 22.781 | 3391 | 3394 | 3402 | rVB7 | 13153  | 22200  | 3.90%   | 0.417%  |
| 99  | 24.597 | 3694 | 3703 | 3714 | rVB  | 216278 | 569324 | 100.00% | 10.691% |
| 100 | 24.820 | 3732 | 3741 | 3752 | rVB2 | 125545 | 334877 | 58.82%  | 6.288%  |

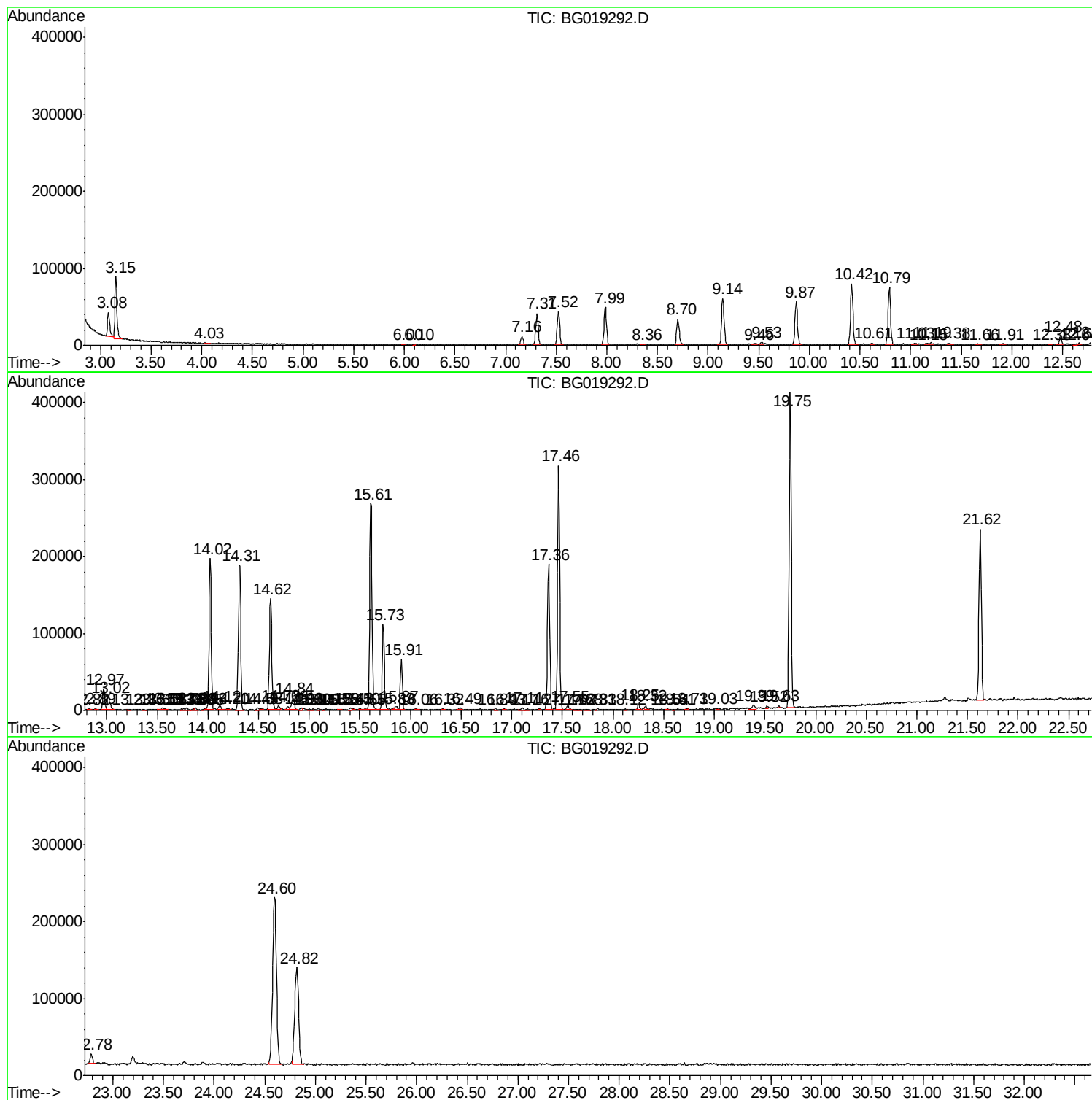
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Instrument :  
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

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



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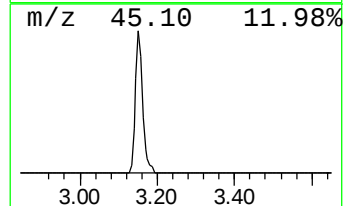
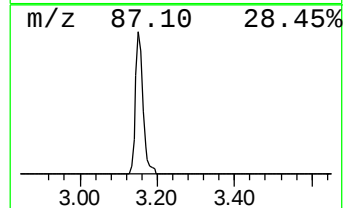
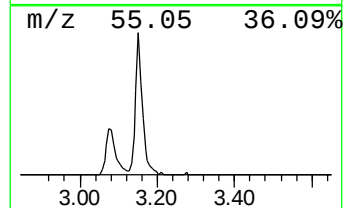
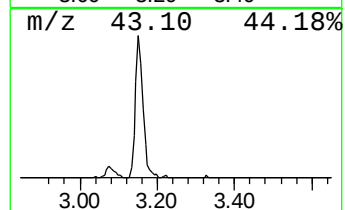
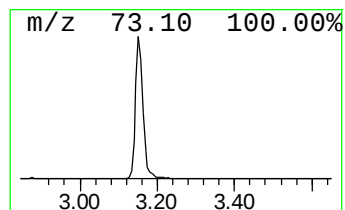
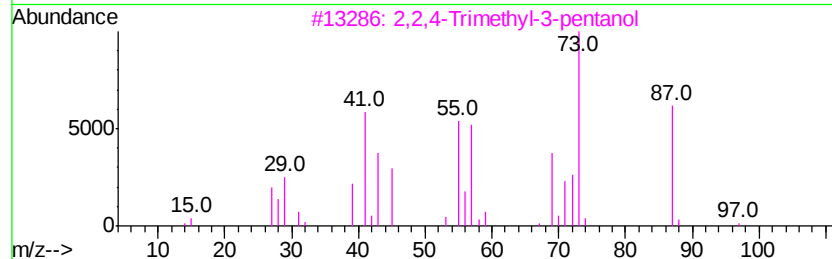
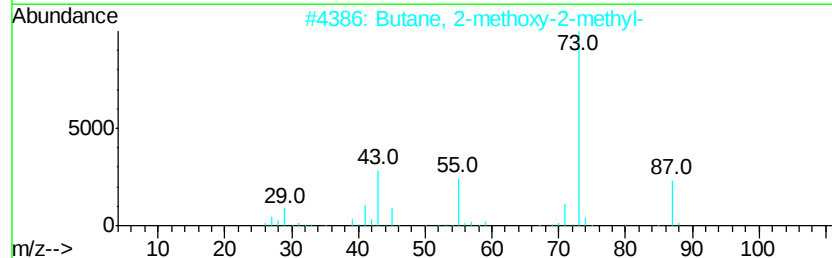
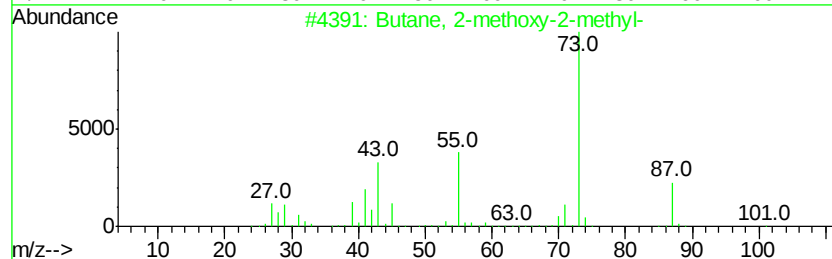
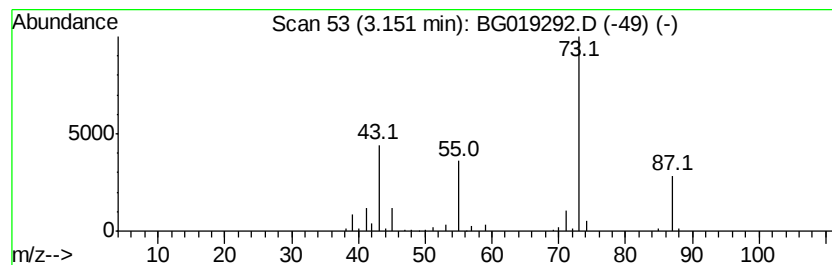
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.15 | 26.98 ng/ul | 105997 | 1,4-Dichlorobenzene-d4 | 7.99 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |



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Quant Title : SVOA CALIBRATION

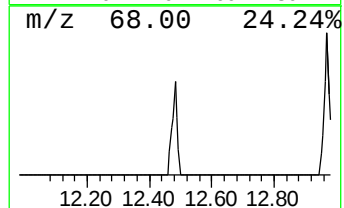
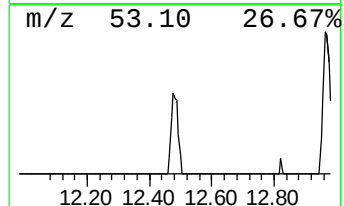
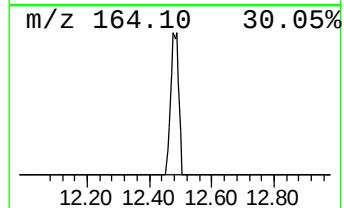
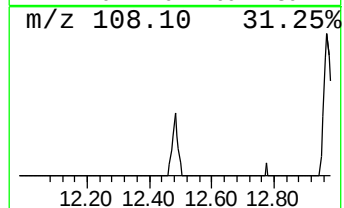
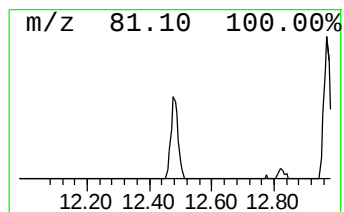
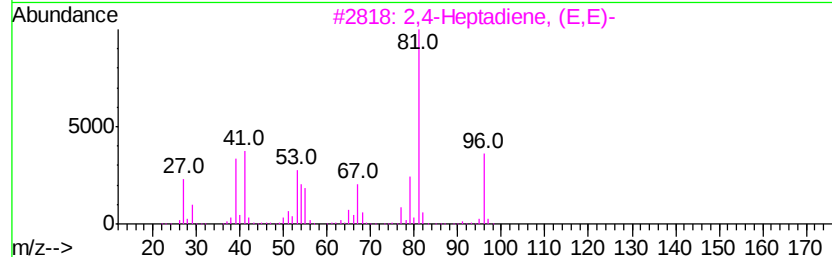
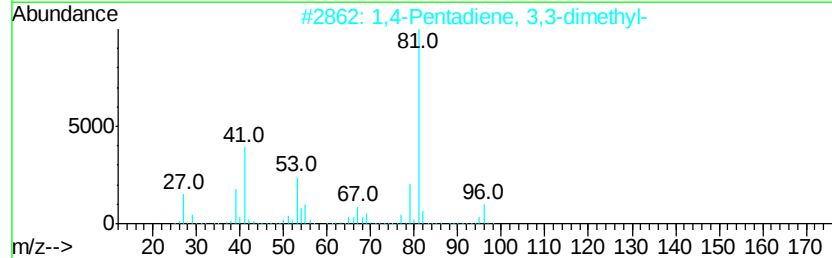
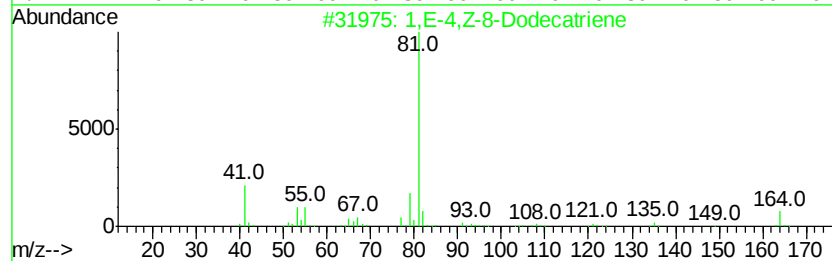
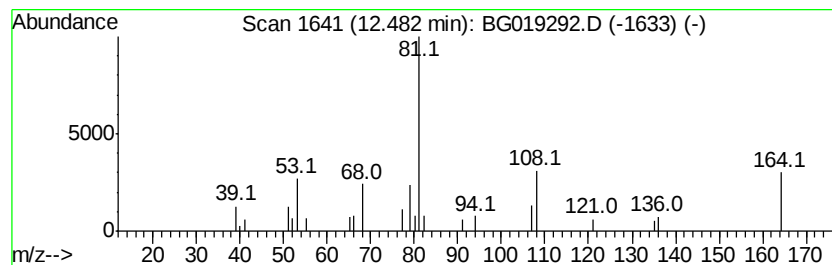
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 1,E-4,Z-8-Dodecatriene Concentration Rank 6

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 12.48 | 2.64 ng/ul | 17279 | Napthalene-d8    | 10.79 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1,E-4,Z-8-Dodecatriene              | 164 | C12H20  | 083489-22-9 | 53   |
| 2    |    | 1,4-Pentadiene, 3,3-dimethyl-       | 96  | C7H12   | 001112-35-2 | 47   |
| 3    |    | 2,4-Heptadiene, (E,E)-              | 96  | C7H12   | 002384-94-3 | 47   |
| 4    |    | Cyclohexene, 1-bromo-               | 160 | C6H9Br  | 002044-08-8 | 43   |
| 5    |    | 1,3-Butadiene, 2-(bromomethyl)-3... | 160 | C6H9Br  | 074793-41-2 | 43   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\  
Data File : BG019292.D  
Acq On : 21 Oct 2015 22:37  
Operator : UM/NP  
Sample : G4057-14  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E5LN0

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

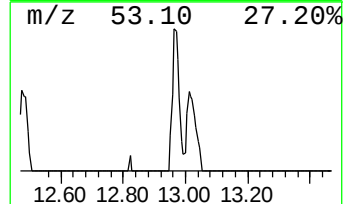
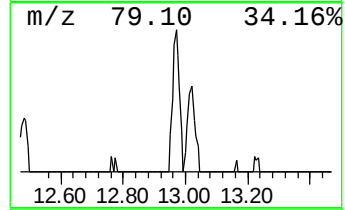
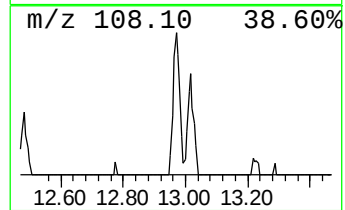
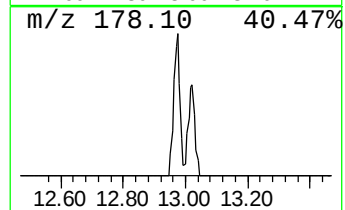
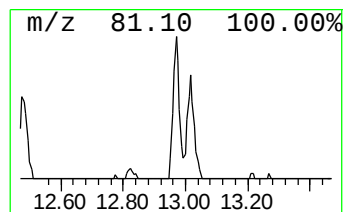
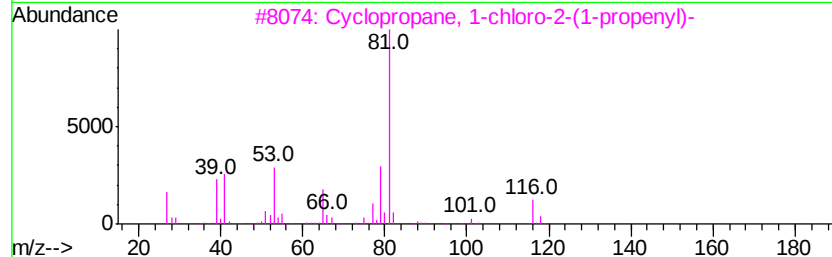
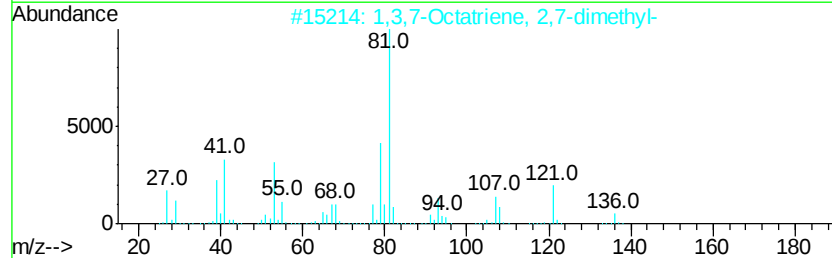
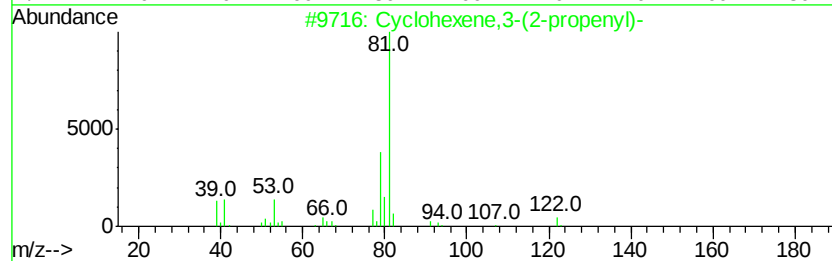
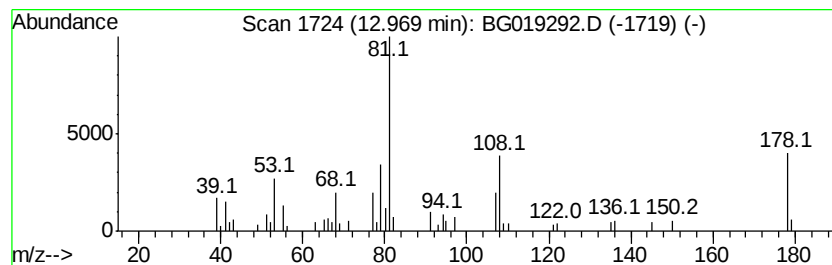
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 unknown-01 Concentration Rank 4

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 12.97 | 3.23 ng/ul | 36970 | Acenaphthene-d10 | 14.61 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexene,3-(2-propenyl)-         | 122 | C9H14   | 015232-95-8 | 45   |
| 2    |    | 1,3,7-Octatriene, 2,7-dimethyl-     | 136 | C10H16  | 036638-38-7 | 43   |
| 3    |    | Cyclopropane, 1-chloro-2-(1-prop... | 116 | C6H9Cl  | 074752-94-6 | 38   |
| 4    |    | Isomycorene                         | 136 | C10H16  | 006876-07-9 | 38   |
| 5    |    | Bicyclo[2.1.0]pentane-5-carboxyl... | 154 | C9H14O2 | 074810-55-2 | 38   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\  
Data File : BG019292.D  
Acq On : 21 Oct 2015 22:37  
Operator : UM/NP  
Sample : G4057-14  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E5LN0

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

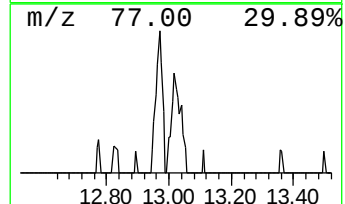
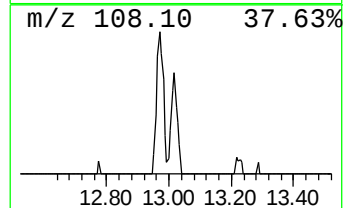
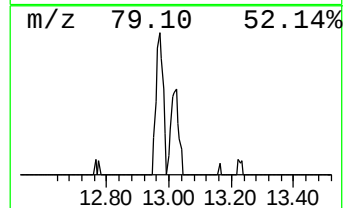
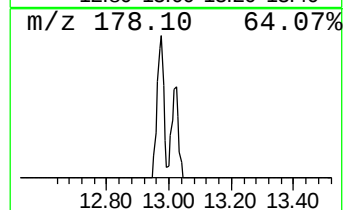
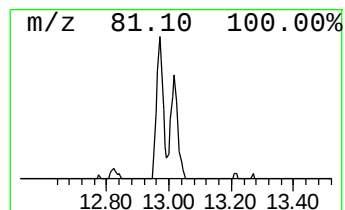
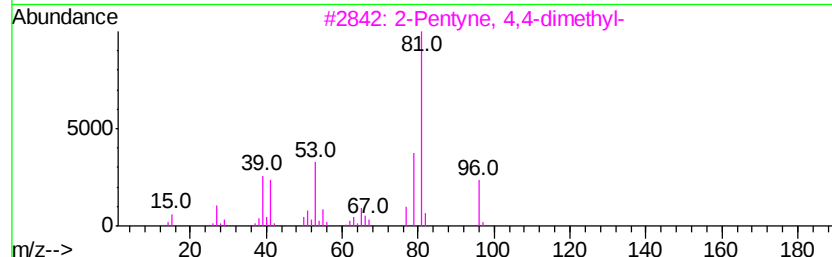
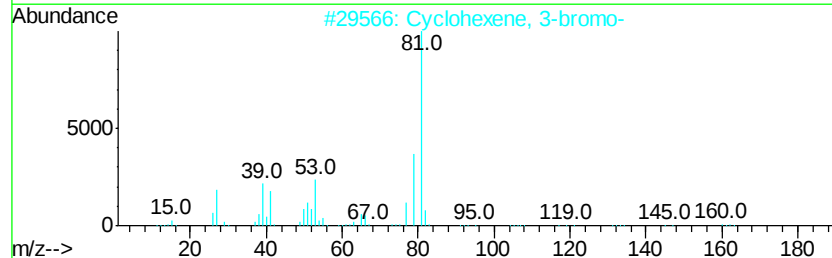
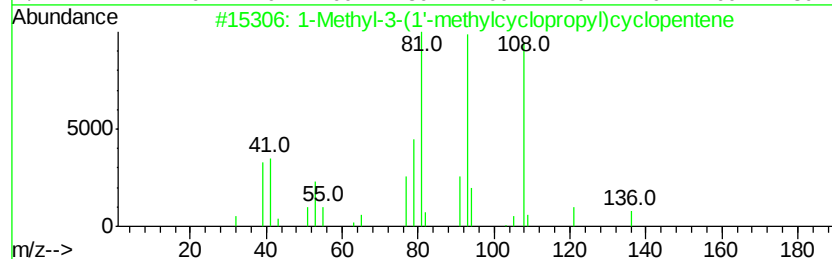
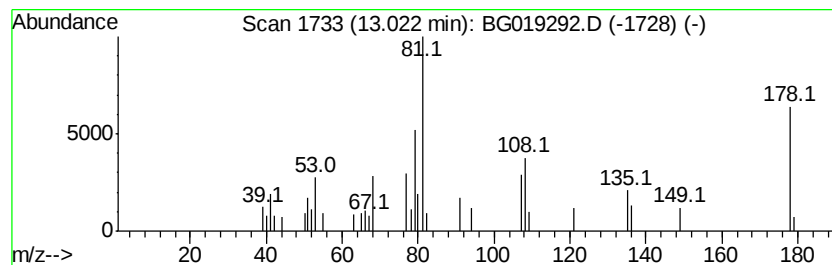
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown-02 Concentration Rank 5

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 13.02 | 2.74 ng/ul | 31363 | Acenaphthene-d10 | 14.61 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Methyl-3-(1'-methylcyclopropyl)... | 136 | C10H16  | 103240-53-5 | 49   |
| 2    |    | Cyclohexene, 3-bromo-                | 160 | C6H9Br  | 001521-51-3 | 35   |
| 3    |    | 2-Pentyne, 4,4-dimethyl-             | 96  | C7H12   | 000999-78-0 | 35   |
| 4    |    | Bicyclo[2.1.0]pentane, 1,4-dimet...  | 96  | C7H12   | 017065-18-8 | 35   |
| 5    |    | 2,3-Dimethyl-1,4-pentadiene          | 96  | C7H12   | 000758-86-1 | 35   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\  
Data File : BG019292.D  
Acq On : 21 Oct 2015 22:37  
Operator : UM/NP  
Sample : G4057-14  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E5LN0

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

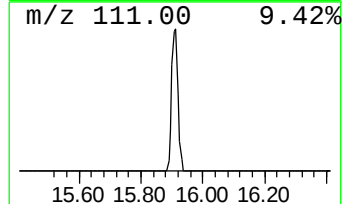
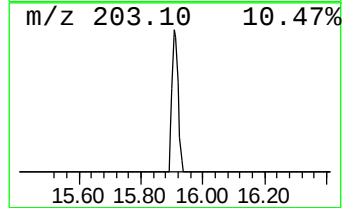
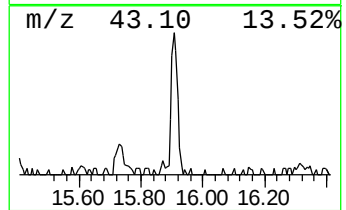
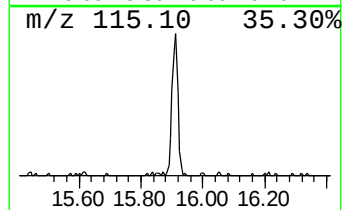
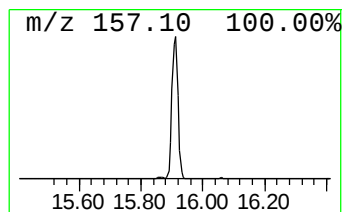
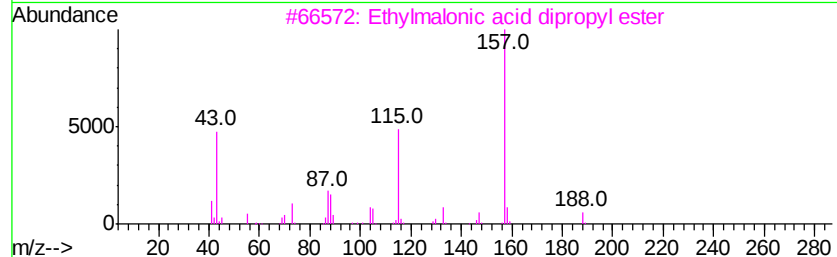
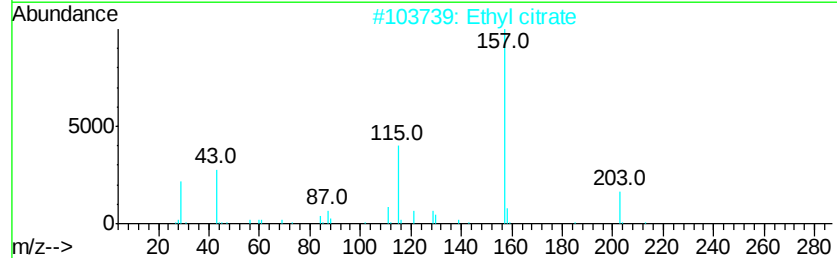
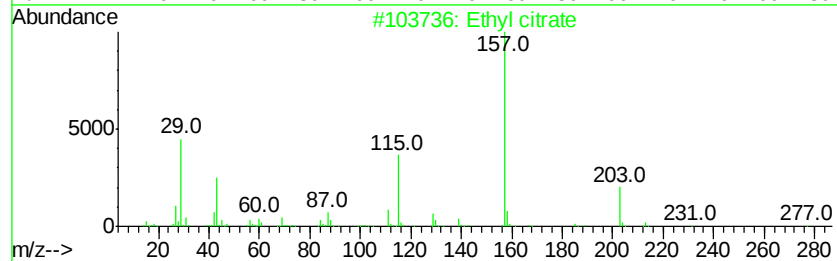
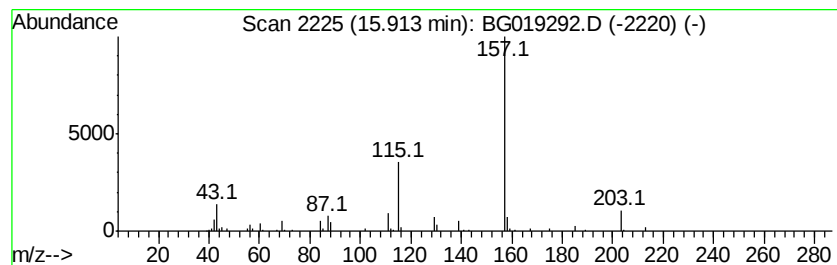
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Ethyl citrate Concentration Rank 3

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 15.91 | 7.63 ng/ul | 87419 | Acenaphthene-d10 | 14.61 |

| Hit# of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|---------|---|----------------------------------|-----|----------|-------------|------|
| 1       |   | Ethyl citrate                    | 276 | C12H20O7 | 000077-93-0 | 87   |
| 2       |   | Ethyl citrate                    | 276 | C12H20O7 | 000077-93-0 | 78   |
| 3       |   | Ethylmalonic acid dipropyl ester | 216 | C11H20O4 | 001113-91-3 | 59   |
| 4       |   | Ethyl citrate                    | 276 | C12H20O7 | 000077-93-0 | 52   |
| 5       |   | Ethyl citrate                    | 276 | C12H20O7 | 000077-93-0 | 50   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102115\  
Data File : BG019292.D  
Acq On : 21 Oct 2015 22:37  
Operator : UM/NP  
Sample : G4057-14  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E5LN0

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

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 3.15  | 27.0    | ng/ul | 105997   | 1                     | 7.99  | 78571  | 20.0 |
| 1,E-4,Z-8-Dodecat... | 12.48 | 2.6     | ng/ul | 17279    | 2                     | 10.79 | 130989 | 20.0 |
| unknown-01           | 12.97 | 3.2     | ng/ul | 36970    | 3                     | 14.61 | 229084 | 20.0 |
| unknown-02           | 13.02 | 2.7     | ng/ul | 31363    | 3                     | 14.61 | 229084 | 20.0 |
| Ethyl citrate        | 15.91 | 7.6     | ng/ul | 87419    | 3                     | 14.61 | 229084 | 20.0 |