

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032615\  
 Data File : BG016152.D  
 Acq On : 26 Mar 2015 22:07  
 Operator : TP/IZ  
 Sample : PB82341BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82341BL

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG032515.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.793       | 14            | 18          | 33           | rVB      | 912536         | 979172        | 30.51%          | 6.004%        |
| 2         | 2.928       | 36            | 41          | 52           | rVB2     | 19159          | 34360         | 1.07%           | 0.211%        |
| 3         | 4.920       | 375           | 380         | 388          | rVB      | 85675          | 116197        | 3.62%           | 0.713%        |
| 4         | 5.384       | 452           | 459         | 466          | rBV      | 772716         | 1102218       | 34.34%          | 6.759%        |
| 5         | 6.964       | 718           | 728         | 742          | rBV      | 764149         | 1172036       | 36.52%          | 7.187%        |
| 6         | 7.328       | 782           | 790         | 800          | rBV      | 768547         | 1198081       | 37.33%          | 7.347%        |
| 7         | 7.792       | 862           | 869         | 878          | rBV      | 168495         | 258179        | 8.04%           | 1.583%        |
| 8         | 8.109       | 915           | 923         | 931          | rBV      | 575936         | 901243        | 28.08%          | 5.527%        |
| 9         | 8.944       | 1058          | 1065        | 1075         | rBV      | 419949         | 691285        | 21.54%          | 4.239%        |
| 10        | 10.577      | 1336          | 1343        | 1353         | rVB      | 235950         | 385522        | 12.01%          | 2.364%        |
| 11        | 13.038      | 1756          | 1762        | 1770         | rBV      | 1235474        | 1837809       | 57.26%          | 11.270%       |
| 12        | 14.419      | 1990          | 1997        | 2004         | rVB2     | 365939         | 562243        | 17.52%          | 3.448%        |
| 13        | 15.899      | 2243          | 2249        | 2264         | rBV      | 982502         | 1397439       | 43.54%          | 8.569%        |
| 14        | 17.156      | 2456          | 2463        | 2471         | rBV      | 513283         | 740010        | 23.06%          | 4.538%        |
| 15        | 19.776      | 2903          | 2909        | 2924         | rBV      | 2622525        | 3209437       | 100.00%         | 19.681%       |
| 16        | 21.321      | 3167          | 3172        | 3180         | rBV      | 695970         | 867852        | 27.04%          | 5.322%        |
| 17        | 23.606      | 3553          | 3561        | 3573         | rBV      | 462093         | 854352        | 26.62%          | 5.239%        |

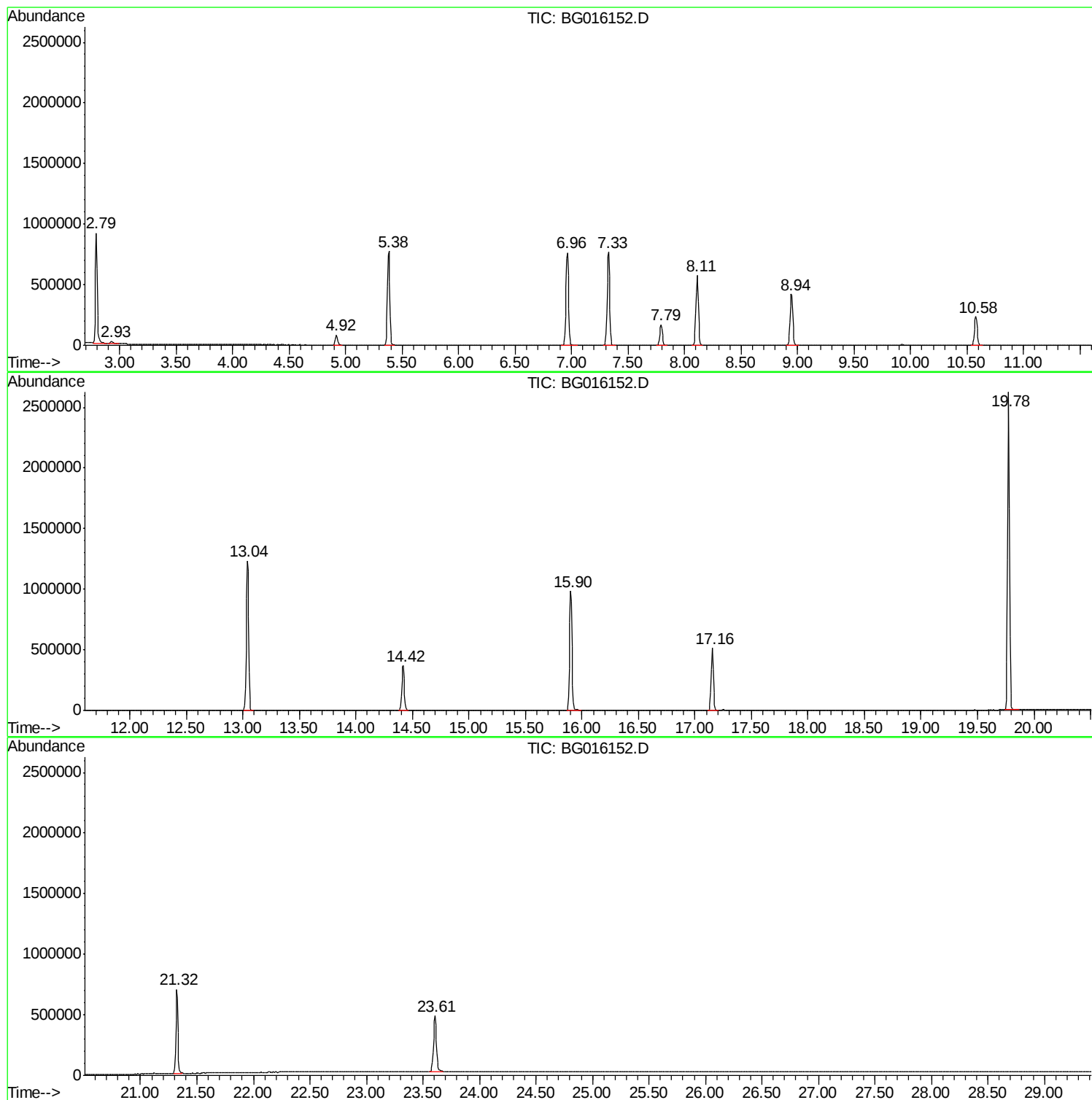
Sum of corrected areas: 16307435

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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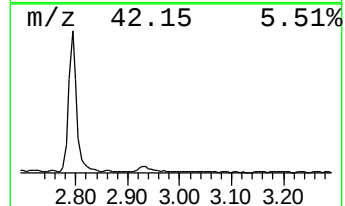
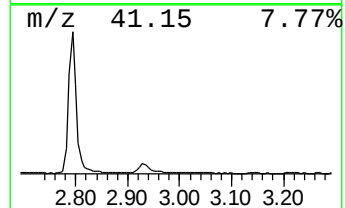
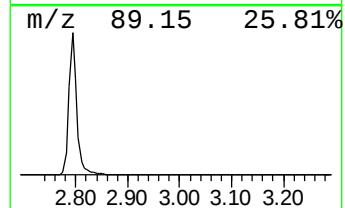
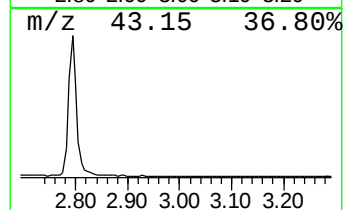
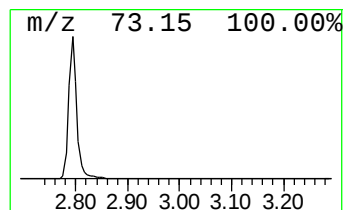
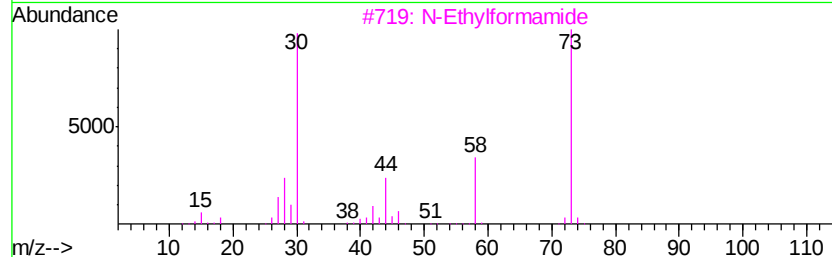
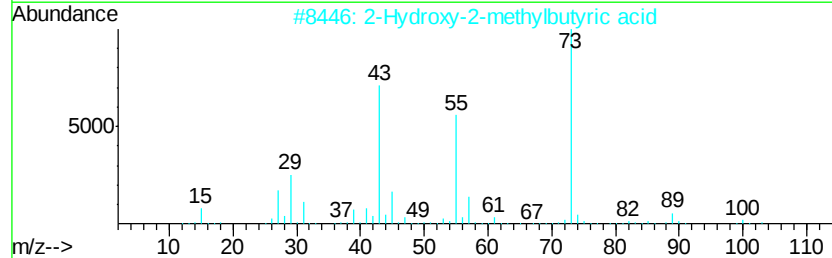
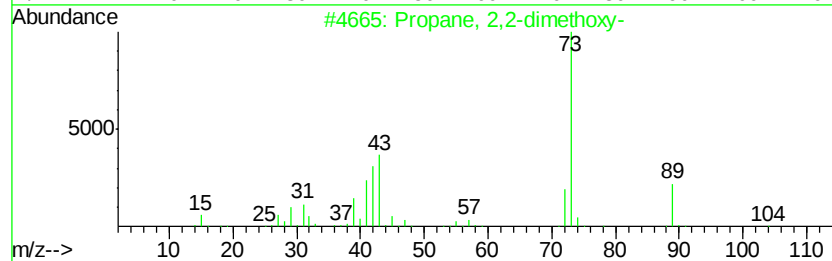
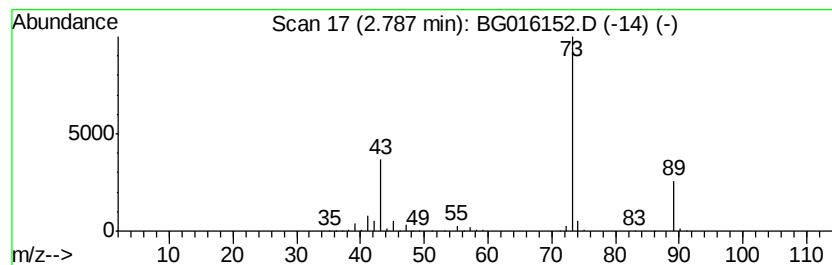
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG032515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown2.79 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.79 | 75.85 ng | 979172 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propane, 2,2-dimethoxy-        | 104 | C5H12O2 | 000077-76-9 | 45   |
| 2    |    | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 9    |
| 3    |    | N-Ethylformamide               | 73  | C3H7NO  | 000627-45-2 | 7    |
| 4    |    | Methane, isothiocyanato-       | 73  | C2H3NS  | 000556-61-6 | 7    |
| 5    |    | 1,3,5-Trioxane                 | 90  | C3H6O3  | 000110-88-3 | 4    |



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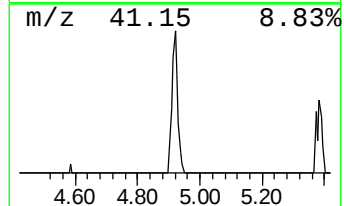
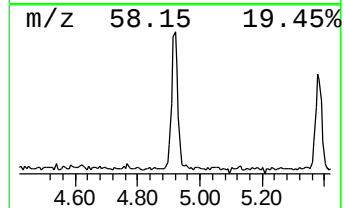
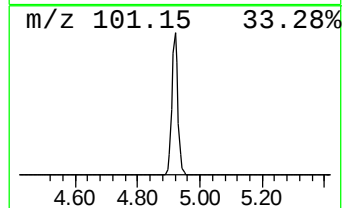
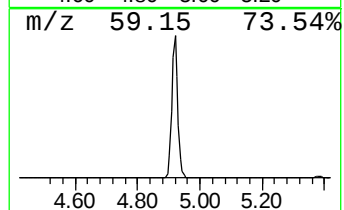
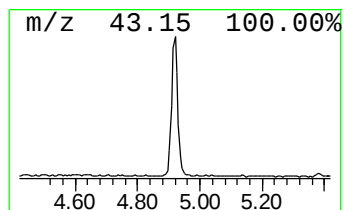
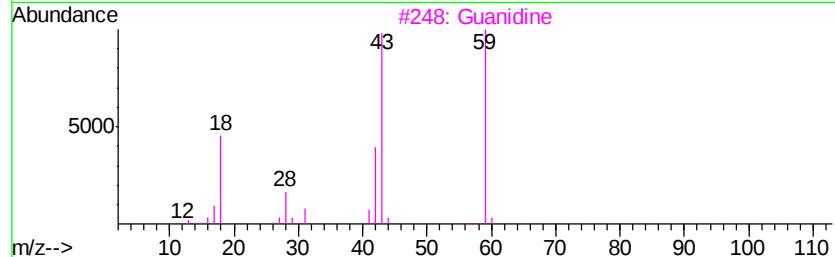
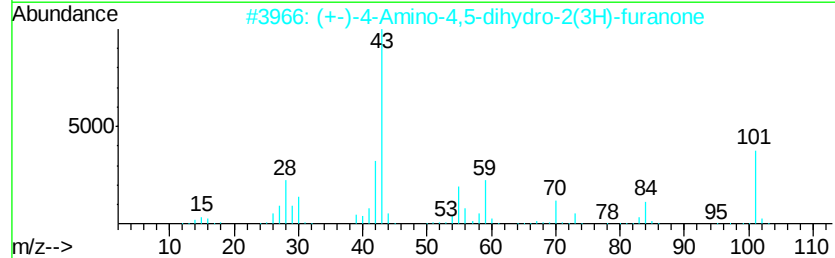
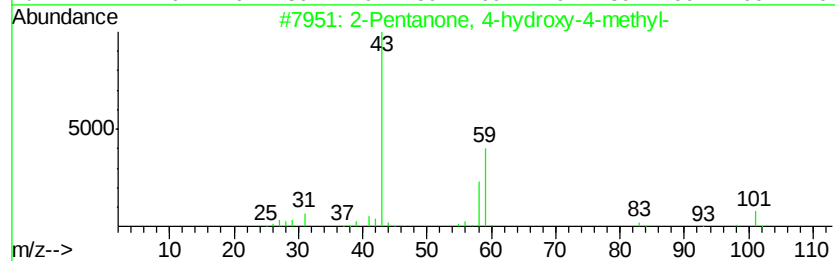
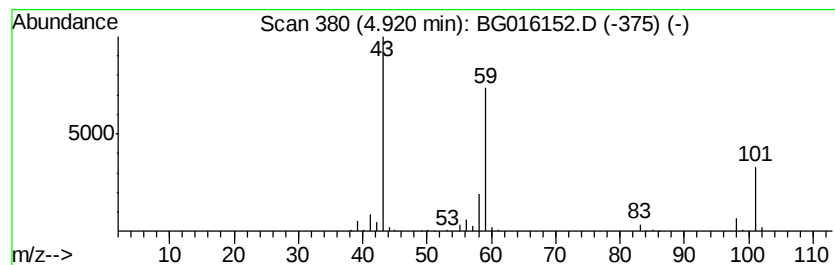
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.92 | 9.00 ng | 116197 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|---------|---|------------------------------------|-----|---------|-------------|------|
| 1       |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2 | 000123-42-2 | 59   |
| 2       |   | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 27   |
| 3       |   | Guanidine                          | 59  | CH5N3   | 000113-00-8 | 9    |
| 4       |   | Butane, 1-ethoxy-                  | 102 | C6H14O  | 000628-81-9 | 9    |
| 5       |   | 5-Hexen-2-one                      | 98  | C6H10O  | 000109-49-9 | 9    |



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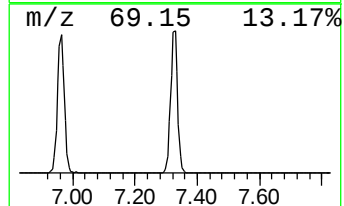
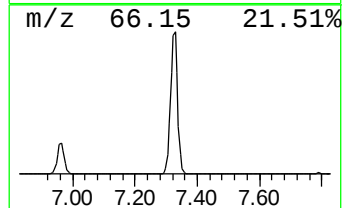
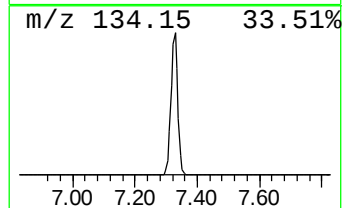
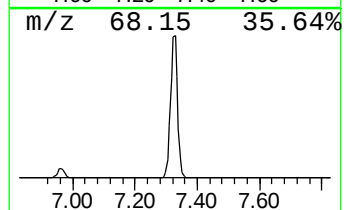
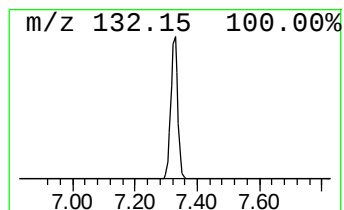
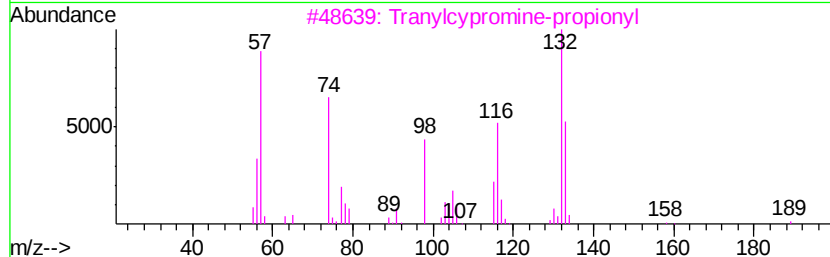
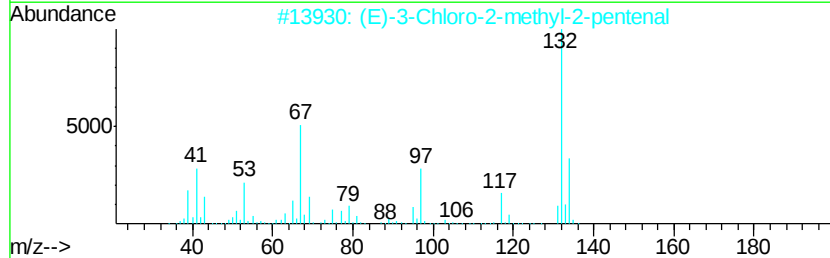
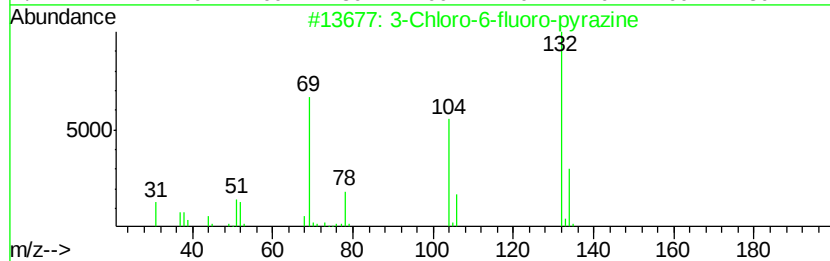
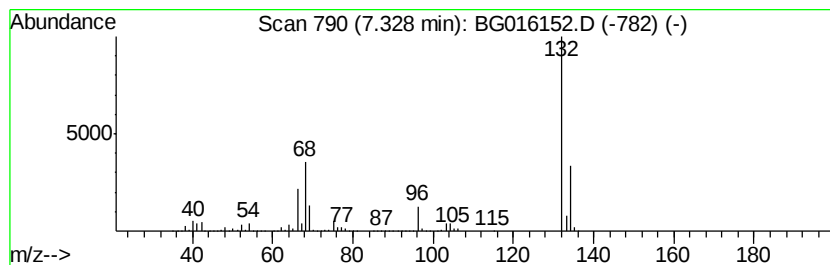
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Peak Number 4 unknown7.33 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.33 | 92.81 ng | 1198080 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 35   |
| 3    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown2.79          | 2.79 | 75.8    | ng    | 979172   | 1                     | 7.79 | 258179 | 20.0 |
| 2-Pentanone, 4-hy... | 4.92 | 9.0     | ng    | 116197   | 1                     | 7.79 | 258179 | 20.0 |
| unknown7.33          | 7.33 | 92.8    | ng    | 1198080  | 1                     | 7.79 | 258179 | 20.0 |