

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\  
 Data File : BG028987.D  
 Acq On : 30 Sep 2017 20:05  
 Operator : SJ/JU  
 Sample : I5457-17  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB\_092617

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-BG091217.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         | 5.357       | 296           | 301         | 312          | rVB      | 64110          | 104544        | 2.60%           | 0.670%        |
| 2         | 5.821       | 372           | 380         | 398          | rBV      | 383496         | 671514        | 16.73%          | 4.306%        |
| 3         | 7.407       | 644           | 650         | 659          | rBV      | 217195         | 403510        | 10.05%          | 2.588%        |
| 4         | 7.789       | 706           | 715         | 726          | rBV      | 635807         | 1177717       | 29.33%          | 7.553%        |
| 5         | 8.253       | 786           | 794         | 805          | rVB2     | 130863         | 234060        | 5.83%           | 1.501%        |
| 6         | 8.582       | 841           | 850         | 860          | rBV      | 597565         | 1088125       | 27.10%          | 6.978%        |
| 7         | 9.428       | 985           | 994         | 1007         | rBV      | 477705         | 903133        | 22.49%          | 5.792%        |
| 8         | 11.074      | 1266          | 1274        | 1286         | rBV      | 156420         | 304566        | 7.59%           | 1.953%        |
| 9         | 13.494      | 1678          | 1686        | 1697         | rBV      | 1441148        | 2234632       | 55.66%          | 14.331%       |
| 10        | 14.875      | 1914          | 1921        | 1934         | rBV2     | 255929         | 446462        | 11.12%          | 2.863%        |
| 11        | 16.367      | 2167          | 2175        | 2193         | rBV      | 1091112        | 1842751       | 45.90%          | 11.818%       |
| 12        | 17.625      | 2383          | 2389        | 2399         | rBV2     | 374944         | 613024        | 15.27%          | 3.931%        |
| 13        | 20.216      | 2823          | 2830        | 2838         | rBV      | 3107120        | 4014890       | 100.00%         | 25.748%       |
| 14        | 21.937      | 3116          | 3123        | 3133         | rBV2     | 432882         | 777939        | 19.38%          | 4.989%        |
| 15        | 25.369      | 3695          | 3707        | 3718         | rBV2     | 252979         | 776430        | 19.34%          | 4.979%        |

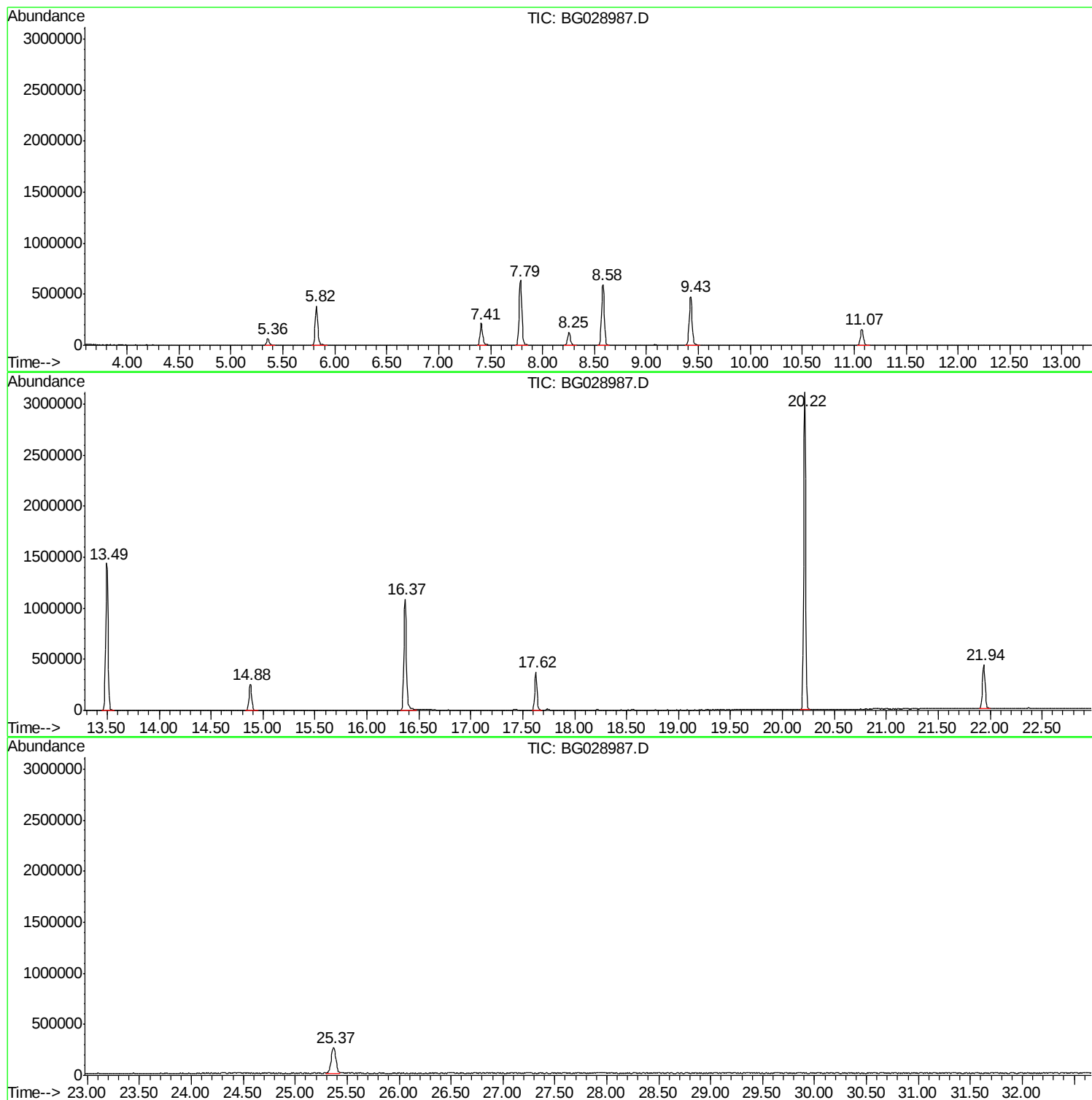
Sum of corrected areas: 15593297

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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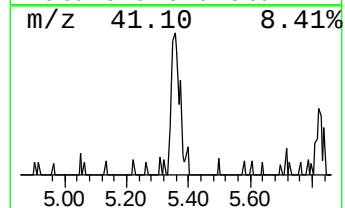
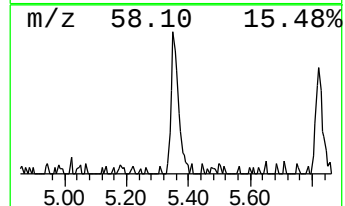
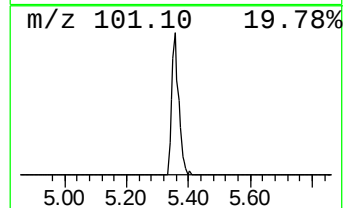
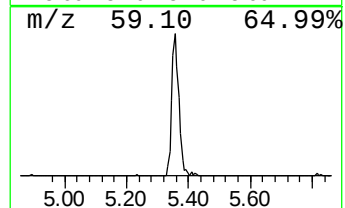
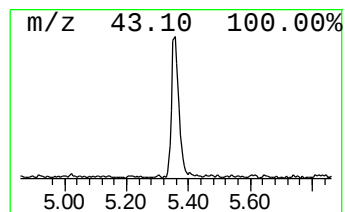
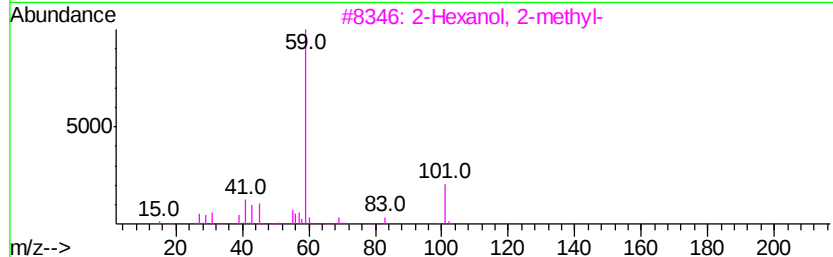
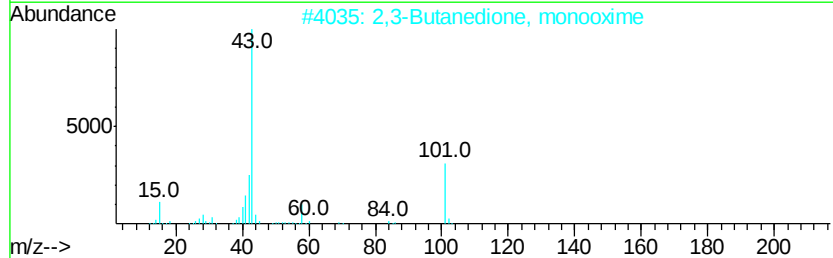
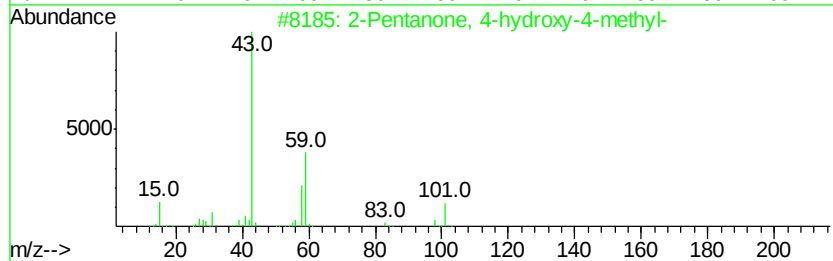
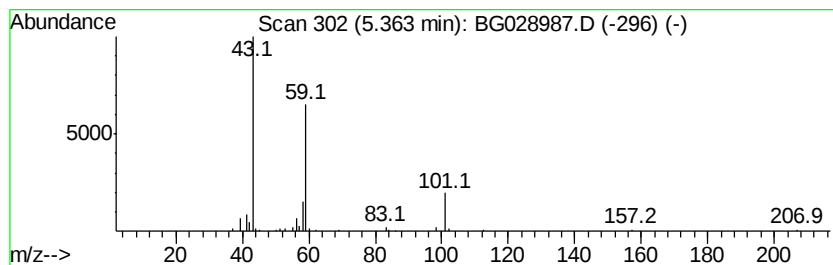
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
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Peak Number 1 unknown5.36 Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.36 | 8.93 ng | 104544 | 1,4-Dichlorobenzene-d4 | 8.25 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 38      |      |      |
| 2    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2      | 000057-71-6 | 38      |      |      |
| 3    | 2-Hexanol, 2-methyl-             | 116 | C7H16O       | 000625-23-0 | 38      |      |      |
| 4    | 3-Heptanol, 4-methyl-            | 130 | C8H18O       | 014979-39-6 | 25      |      |      |
| 5    | 3-Hexanol, 4-methyl-             | 116 | C7H16O       | 000615-29-2 | 23      |      |      |



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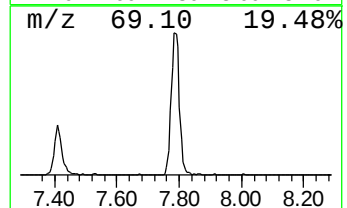
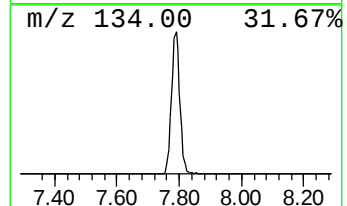
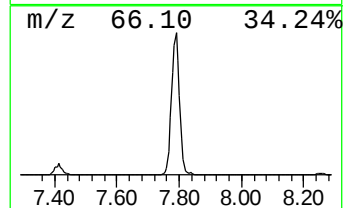
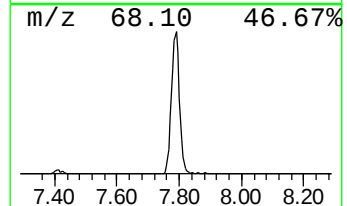
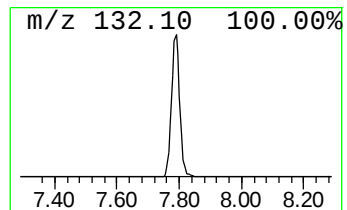
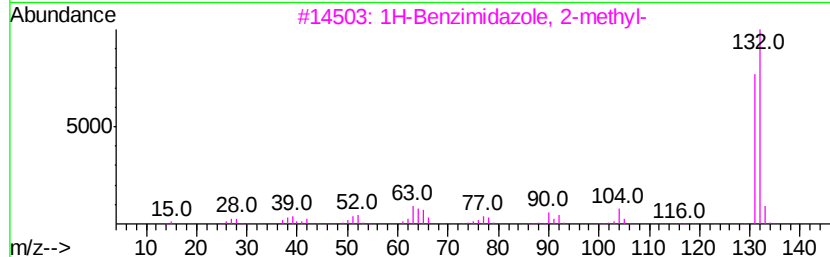
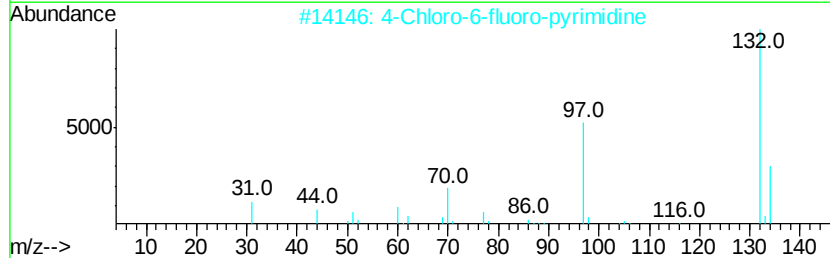
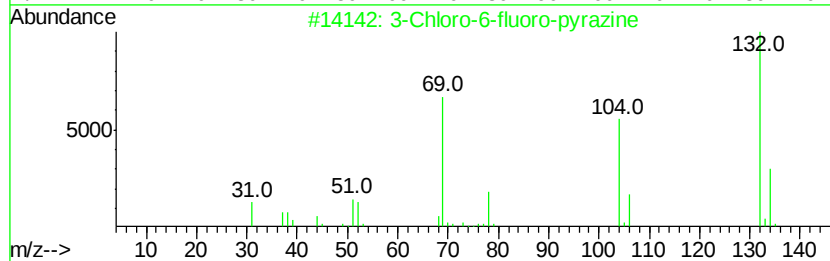
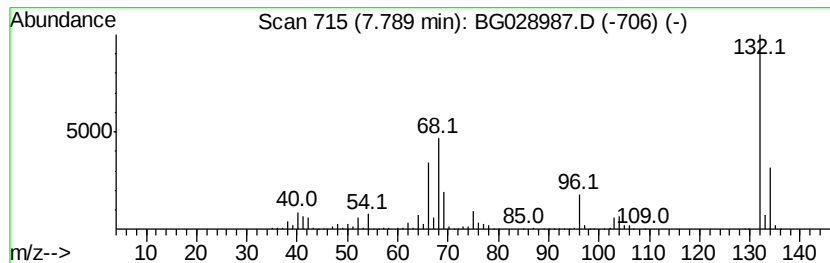
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Peak Number 2 unknown7.79 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.79 | 100.63 ng | 1177720 | 1,4-Dichlorobenzene-d4 | 8.25 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 12   |
| 4    |    | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | Tranylcypromine-propionyl    | 189 | C12H15NO  | 1000123-86-3 | 10   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                  |      |         |       |          | #                       | RT   | Resp   | Conc |
| unknown5.36      | 5.36 | 8.9     | ng    | 104544   | 1                       | 8.25 | 234060 | 20.0 |
| unknown7.79      | 7.79 | 100.6   | ng    | 1177720  | 1                       | 8.25 | 234060 | 20.0 |