

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\  
 Data File : BG031300.D  
 Acq On : 30 Nov 2017 22:53  
 Operator : SJ/JU  
 Sample : I6634-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 112717-TIDO-E-U-S

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-BG111017.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         | 5.209       | 322           | 327         | 334          | rBV      | 57463          | 96576         | 1.58%           | 0.444%        |
| 2         | 5.691       | 403           | 409         | 421          | rBV      | 262402         | 488603        | 7.99%           | 2.248%        |
| 3         | 7.295       | 676           | 682         | 696          | rBV      | 158936         | 333019        | 5.44%           | 1.532%        |
| 4         | 7.665       | 737           | 745         | 756          | rBV      | 530383         | 986190        | 16.12%          | 4.538%        |
| 5         | 8.129       | 814           | 824         | 833          | rBV      | 223166         | 393872        | 6.44%           | 1.812%        |
| 6         | 8.453       | 871           | 879         | 894          | rBV      | 813861         | 1496814       | 24.46%          | 6.888%        |
| 7         | 9.299       | 1013          | 1023        | 1036         | rBV      | 582752         | 1149599       | 18.79%          | 5.290%        |
| 8         | 10.950      | 1293          | 1304        | 1324         | rBV      | 263202         | 566627        | 9.26%           | 2.607%        |
| 9         | 13.376      | 1709          | 1717        | 1737         | rBV      | 1983492        | 3257477       | 53.24%          | 14.990%       |
| 10        | 14.751      | 1944          | 1951        | 1968         | rVB2     | 515485         | 908999        | 14.86%          | 4.183%        |
| 11        | 16.238      | 2197          | 2204        | 2220         | rBV      | 1001893        | 1678092       | 27.43%          | 7.722%        |
| 12        | 17.495      | 2411          | 2418        | 2432         | rBV      | 764440         | 1228775       | 20.08%          | 5.654%        |
| 13        | 20.086      | 2852          | 2859        | 2868         | rBV      | 4411752        | 6118351       | 100.00%         | 28.154%       |
| 14        | 21.379      | 3074          | 3079        | 3087         | rBV4     | 38416          | 94348         | 1.54%           | 0.434%        |
| 15        | 21.766      | 3138          | 3145        | 3154         | rBV2     | 866773         | 1495801       | 24.45%          | 6.883%        |
| 16        | 25.063      | 3695          | 3706        | 3721         | rBV2     | 485148         | 1438536       | 23.51%          | 6.620%        |

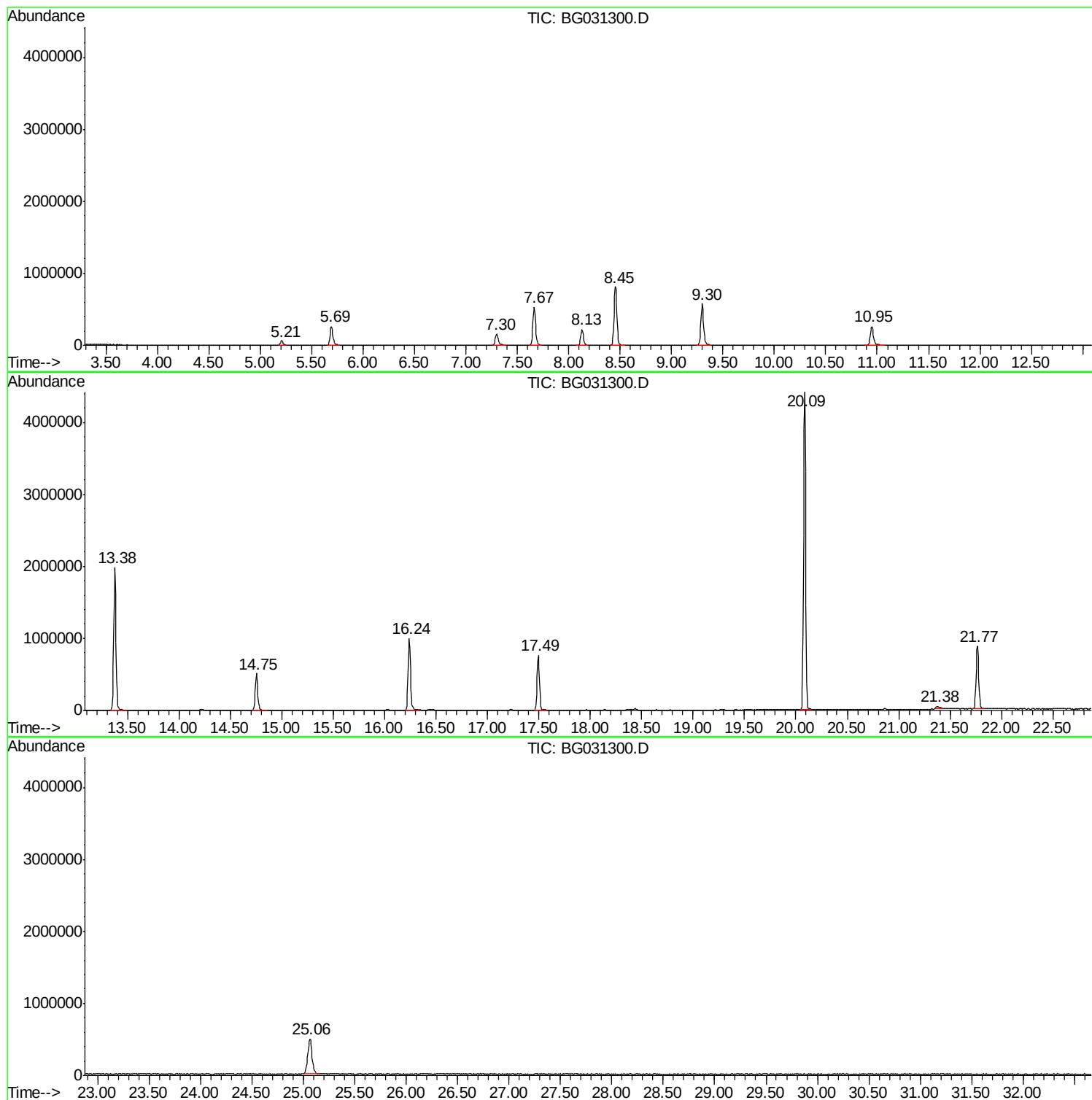
Sum of corrected areas: 21731679

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.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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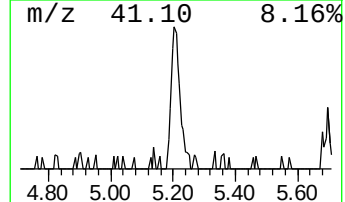
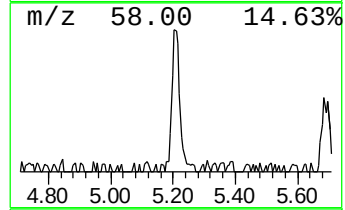
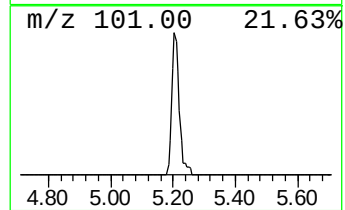
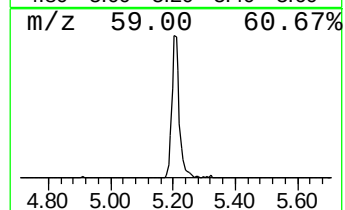
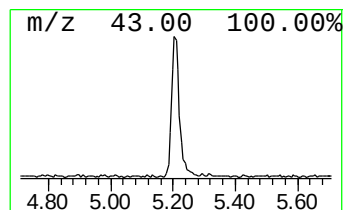
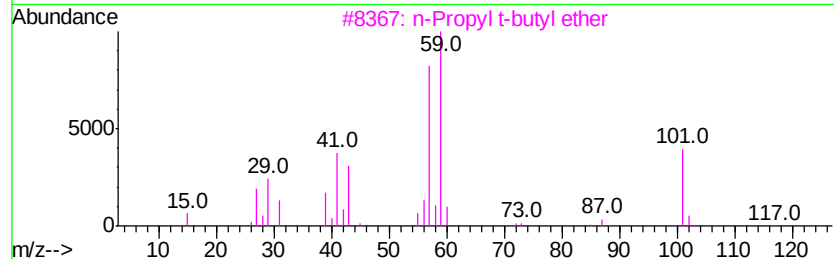
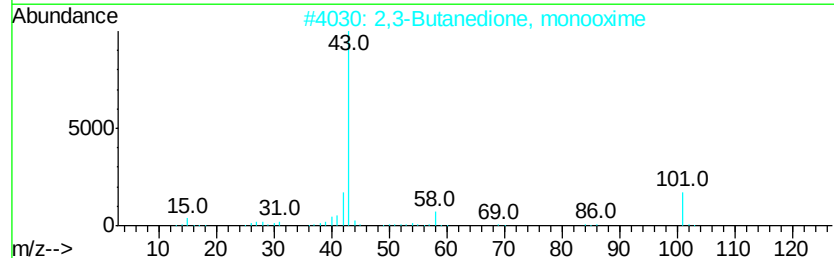
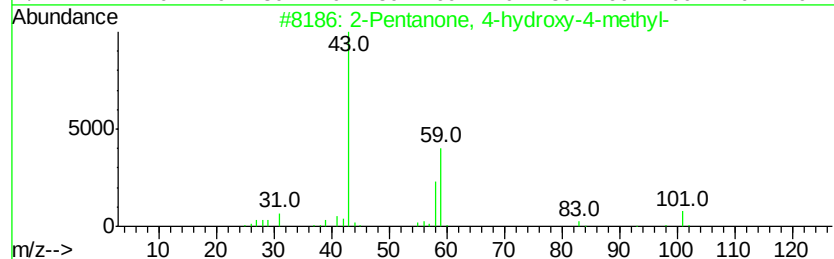
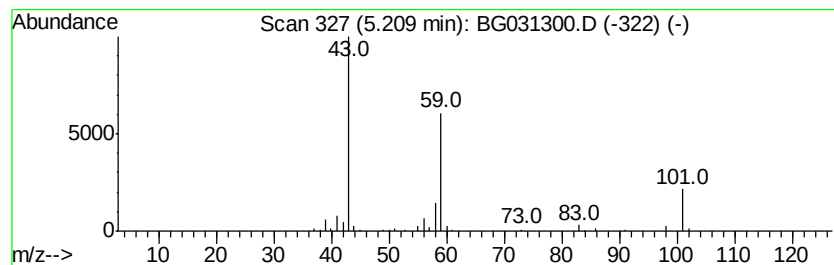
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.21 | 4.90 ng | 96576 | 1,4-Dichlorobenzene-d4 | 8.13 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2  | 50   |
| 2    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6  | 38   |
| 3    |    |   | n-Propyl t-butyl ether           | 116 | C7H16O  | 1000334-81-9 | 33   |
| 4    |    |   | 3-Hexanol, 4-methyl-             | 116 | C7H16O  | 000615-29-2  | 25   |
| 5    |    |   | 3-Heptanol, 4-methyl-            | 130 | C8H18O  | 014979-39-6  | 25   |



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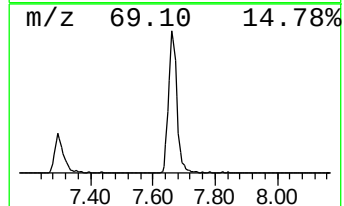
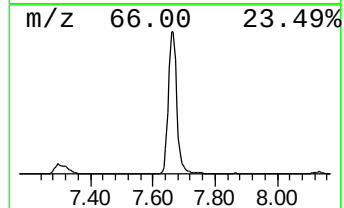
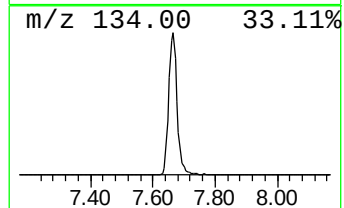
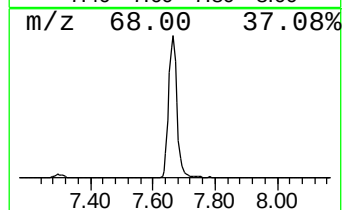
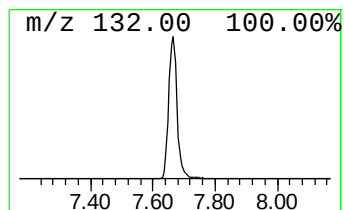
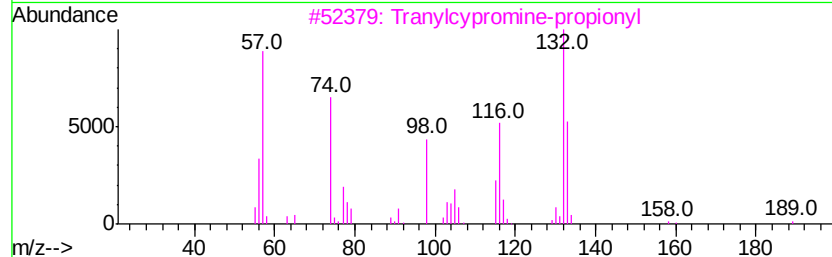
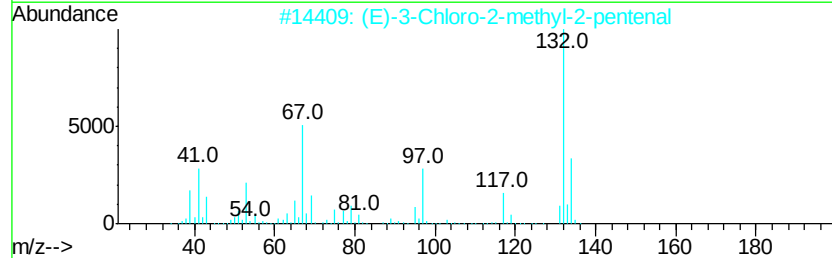
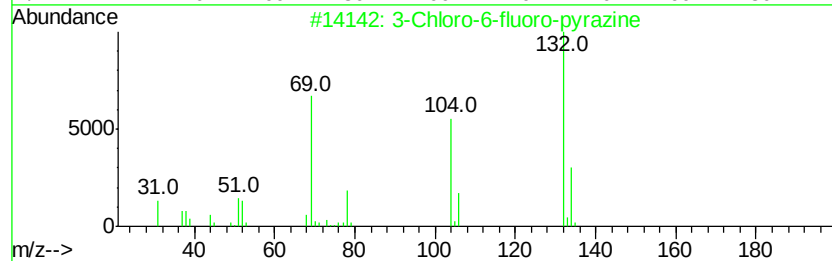
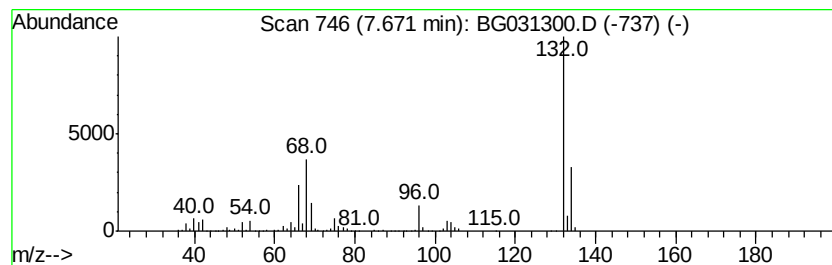
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Peak Number 2 unknown7.67 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.67 | 50.08 ng | 986190 | 1,4-Dichlorobenzene-d4 | 8.13 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 25   |
| 3    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.21 | 4.9     | ng    | 96576    | 1                     | 8.13 | 393872 | 20.0 |
| unknown7.67          | 7.67 | 50.1    | ng    | 986190   | 1                     | 8.13 | 393872 | 20.0 |