

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\  
 Data File : BG037032.D  
 Acq On : 28 Sep 2018 2:23  
 Operator : JU/SJ  
 Sample : PB113286BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113286BL

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:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092018.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         | 5.146       | 312           | 316         | 325          | rVB      | 24331          | 39023         | 1.49%           | 0.297%        |
| 2         | 5.616       | 390           | 396         | 413          | rBV      | 530521         | 973675        | 37.14%          | 7.420%        |
| 3         | 7.202       | 659           | 666         | 686          | rBV      | 504788         | 1038361       | 39.61%          | 7.913%        |
| 4         | 7.573       | 722           | 729         | 752          | rBV      | 512564         | 1002712       | 38.25%          | 7.642%        |
| 5         | 8.043       | 802           | 809         | 822          | rBV      | 121600         | 251484        | 9.59%           | 1.917%        |
| 6         | 8.360       | 856           | 863         | 879          | rBV      | 407074         | 793001        | 30.25%          | 6.043%        |
| 7         | 9.200       | 999           | 1006        | 1020         | rBV      | 290747         | 632498        | 24.13%          | 4.820%        |
| 8         | 10.845      | 1279          | 1286        | 1303         | rBV      | 161839         | 339679        | 12.96%          | 2.589%        |
| 9         | 13.289      | 1695          | 1702        | 1718         | rBV      | 814760         | 1455371       | 55.52%          | 11.091%       |
| 10        | 14.664      | 1929          | 1936        | 1951         | rBV2     | 270718         | 487759        | 18.61%          | 3.717%        |
| 11        | 16.151      | 2182          | 2189        | 2213         | rBV      | 600481         | 1159821       | 44.24%          | 8.839%        |
| 12        | 17.414      | 2397          | 2404        | 2421         | rBV      | 384692         | 665988        | 25.40%          | 5.075%        |
| 13        | 20.017      | 2841          | 2847        | 2861         | rBV      | 1940534        | 2621558       | 100.00%         | 19.979%       |
| 14        | 21.674      | 3123          | 3129        | 3142         | rBV      | 438585         | 832456        | 31.75%          | 6.344%        |
| 15        | 23.953      | 3512          | 3517        | 3527         | rVB5     | 15319          | 35856         | 1.37%           | 0.273%        |
| 16        | 24.882      | 3665          | 3675        | 3692         | rVB2     | 252944         | 792540        | 30.23%          | 6.040%        |

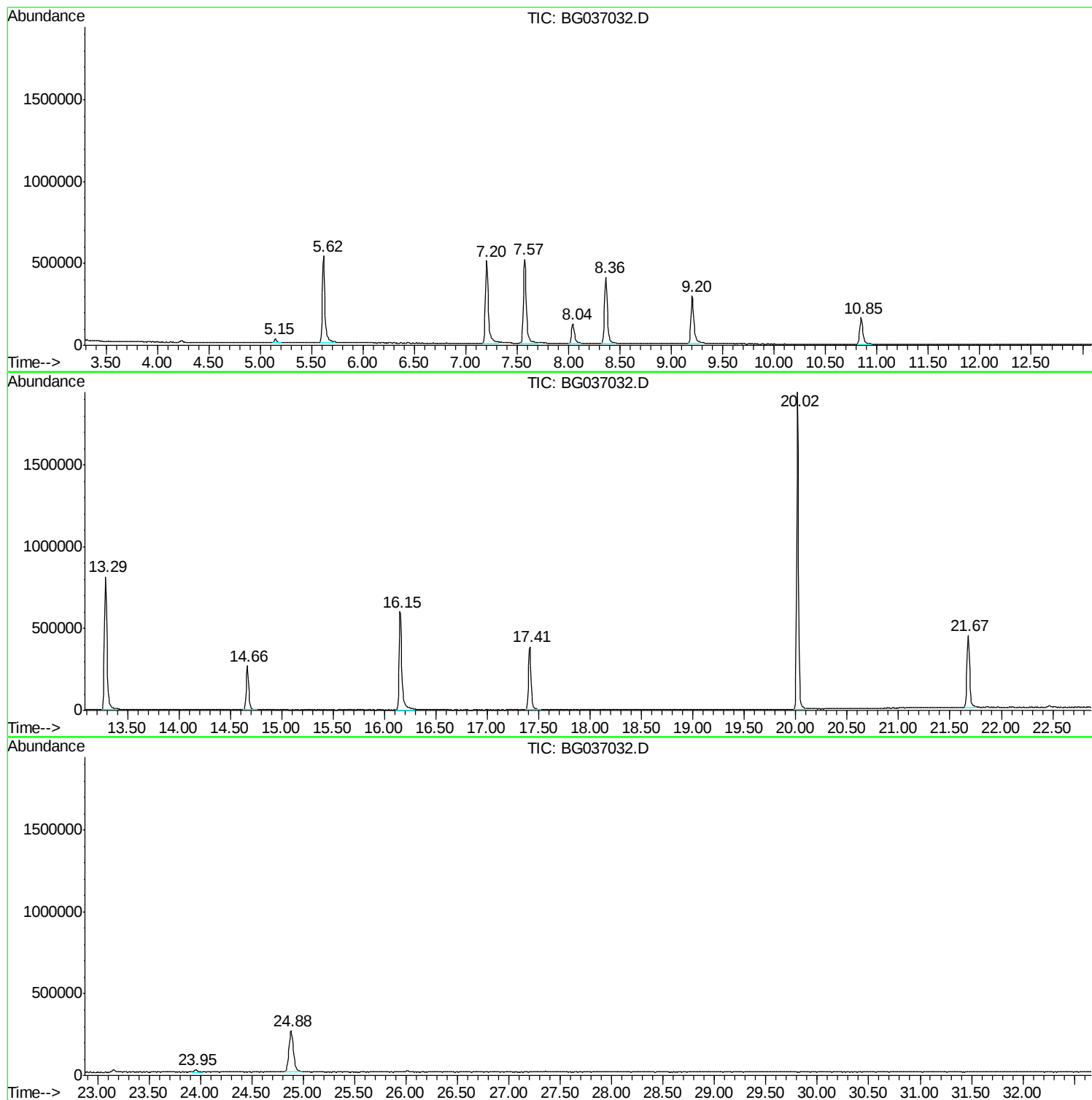
Sum of corrected areas: 13121782

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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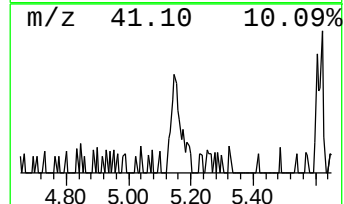
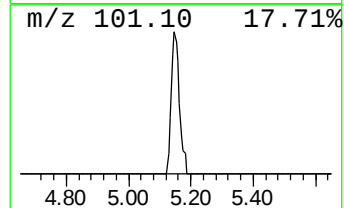
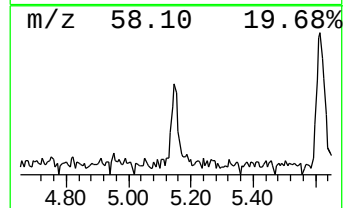
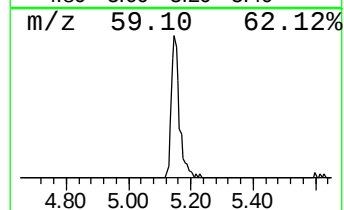
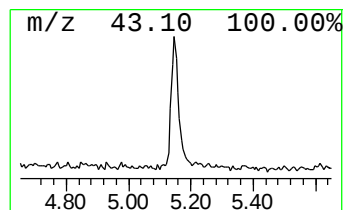
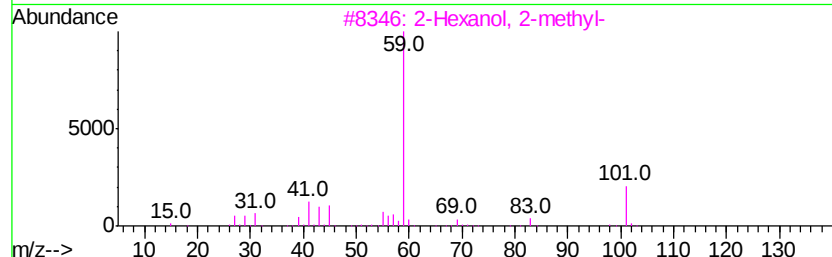
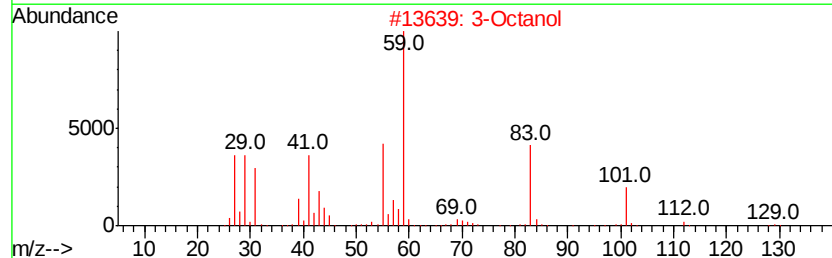
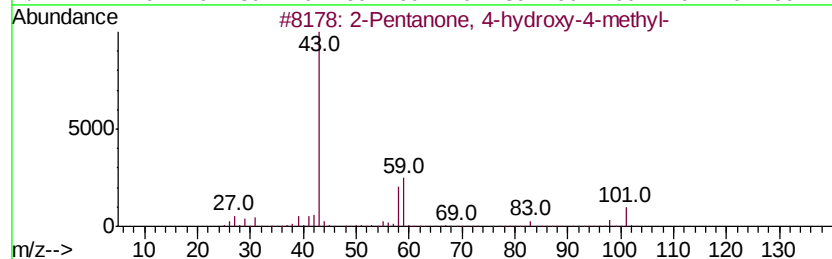
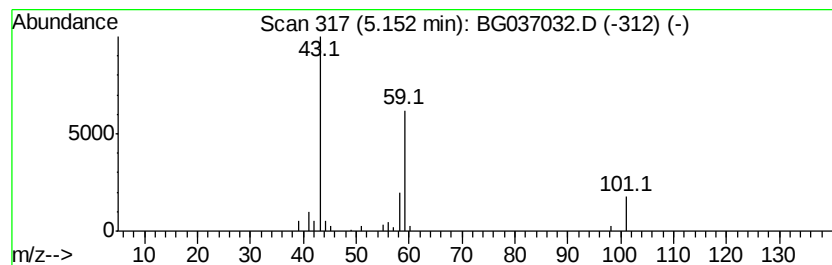
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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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.        |      |
|-----------|----------------------------------|-------|------------------------|-------------|------|
| 5.15      | 3.10 ng                          | 39023 | 1,4-Dichlorobenzene-d4 | 8.04        |      |
| Hit# of 5 | Tentative ID                     | MW    | MolForm                | CAS#        | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl- | 116   | C6H12O2                | 000123-42-2 | 64   |
| 2         | 3-Octanol                        | 130   | C8H18O                 | 000589-98-0 | 33   |
| 3         | 2-Hexanol, 2-methyl-             | 116   | C7H16O                 | 000625-23-0 | 25   |
| 4         | Diacetamide                      | 101   | C4H7NO2                | 000625-77-4 | 9    |
| 5         | Butyl aldoxime, 3-methyl-, syn-  | 101   | C5H11NO                | 005780-40-5 | 9    |



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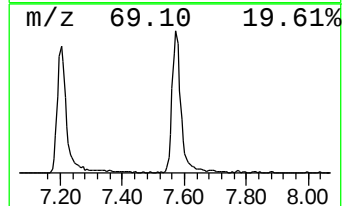
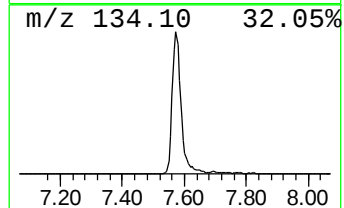
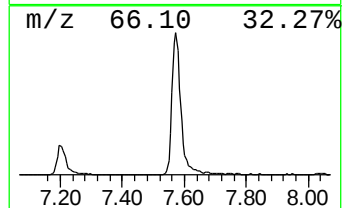
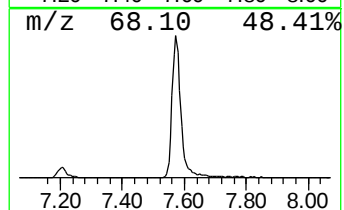
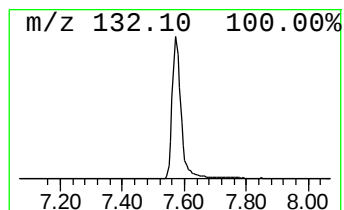
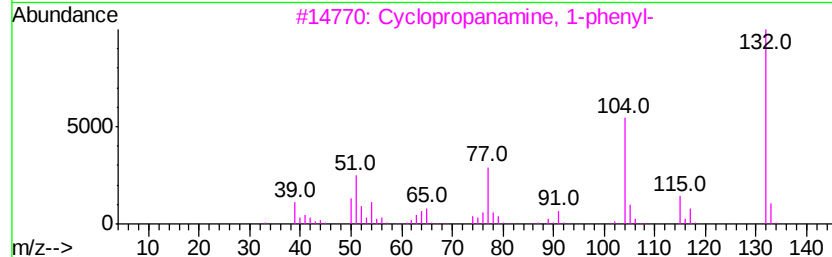
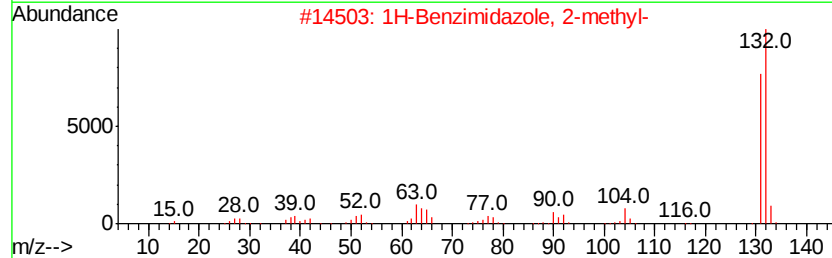
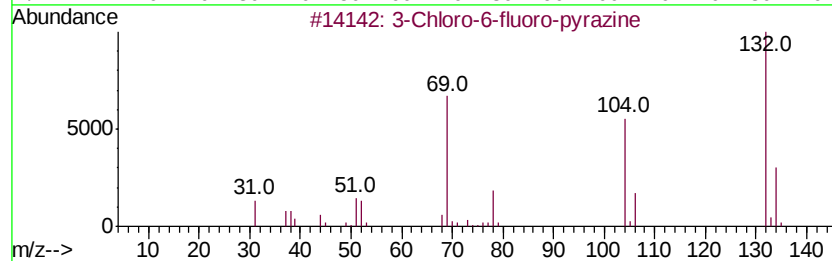
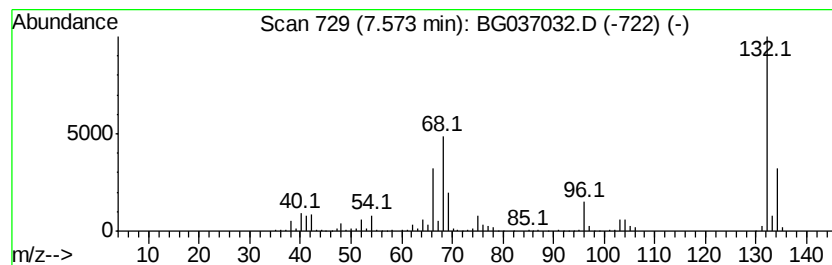
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Peak Number 2 unknown7.57 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.57 | 79.74 ng | 1002710 | 1,4-Dichlorobenzene-d4 | 8.04 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|---|----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    |   | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 3    |    |   | Cyclopropanamine, 1-phenyl-      | 133 | C9H11N    | 1000351-26-2 | 10   |
| 4    |    |   | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 5    |    |   | 1,3,5-Trifluorobenzene           | 132 | C6H3F3    | 000372-38-3  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.15 | 3.1     | ng    | 39023    | 1                     | 8.04 | 251484 | 20.0 |
| unknown7.57          | 7.57 | 79.7    | ng    | 1002710  | 1                     | 8.04 | 251484 | 20.0 |