

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG101518\  
 Data File : BG037335.D  
 Acq On : 15 Oct 2018 16:06  
 Operator : JU/SJ  
 Sample : PB113828BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

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-BG101118.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

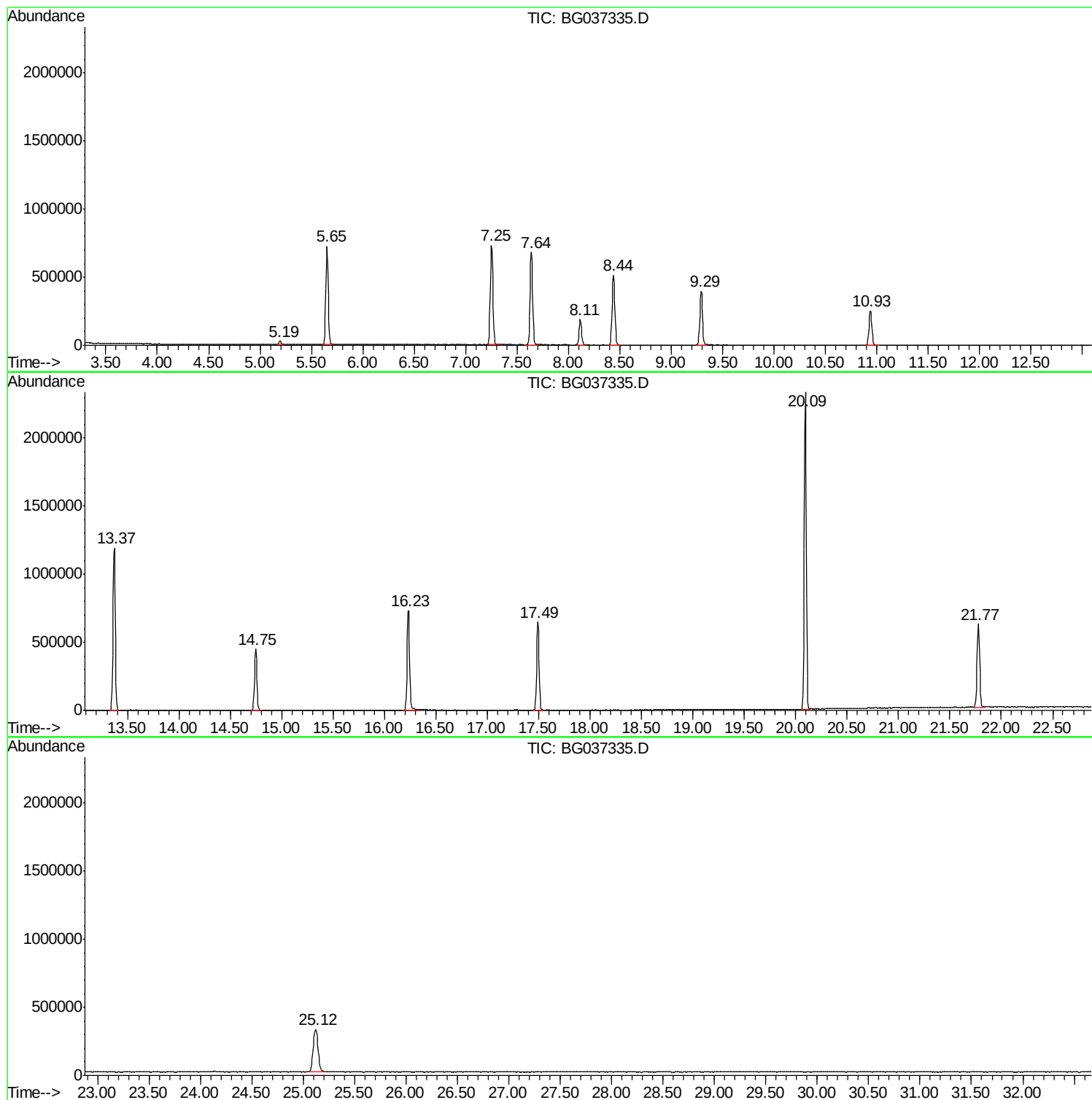
| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.194       | 319           | 324         | 330          | rVB      | 26329          | 40271         | 1.27%           | 0.248%        |
| 2         | 5.652       | 394           | 402         | 412          | rBV      | 723161         | 1168482       | 36.74%          | 7.185%        |
| 3         | 7.250       | 667           | 674         | 689          | rBV      | 733353         | 1286332       | 40.45%          | 7.909%        |
| 4         | 7.638       | 731           | 740         | 750          | rBV      | 680195         | 1202372       | 37.81%          | 7.393%        |
| 5         | 8.114       | 815           | 821         | 830          | rVB      | 185736         | 320909        | 10.09%          | 1.973%        |
| 6         | 8.437       | 868           | 876         | 886          | rVB      | 514853         | 930179        | 29.25%          | 5.719%        |
| 7         | 9.289       | 1013          | 1021        | 1031         | rBV      | 395616         | 718702        | 22.60%          | 4.419%        |
| 8         | 10.934      | 1293          | 1301        | 1315         | rVB      | 253406         | 474917        | 14.93%          | 2.920%        |
| 9         | 13.373      | 1708          | 1716        | 1723         | rBV      | 1191429        | 1927762       | 60.61%          | 11.853%       |
| 10        | 14.747      | 1943          | 1950        | 1960         | rVB2     | 450206         | 719013        | 22.61%          | 4.421%        |
| 11        | 16.234      | 2195          | 2203        | 2219         | rBV      | 734294         | 1208360       | 37.99%          | 7.430%        |
| 12        | 17.491      | 2410          | 2417        | 2426         | rBV      | 647080         | 1002799       | 31.53%          | 6.166%        |
| 13        | 20.094      | 2853          | 2860        | 2868         | rBV      | 2329072        | 3180437       | 100.00%         | 19.555%       |
| 14        | 21.774      | 3139          | 3146        | 3157         | rBV2     | 613314         | 1086934       | 34.18%          | 6.683%        |
| 15        | 25.123      | 3704          | 3716        | 3730         | rBV3     | 309438         | 996311        | 31.33%          | 6.126%        |

Sum of corrected areas: 16263780

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG101118.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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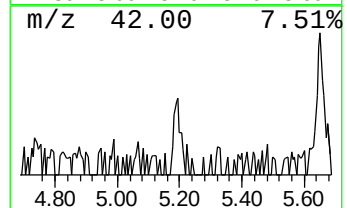
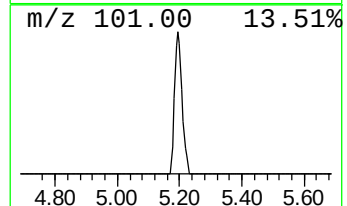
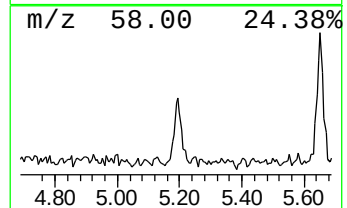
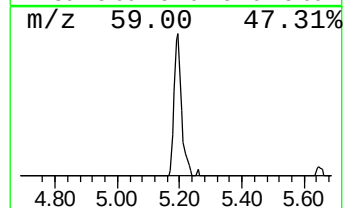
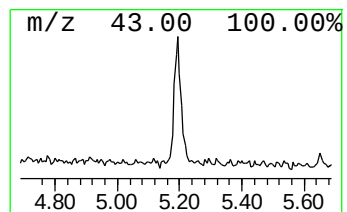
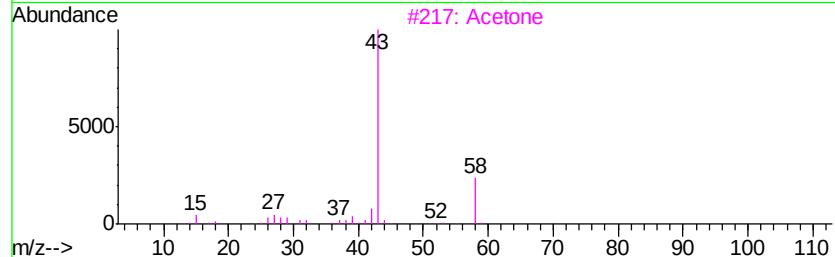
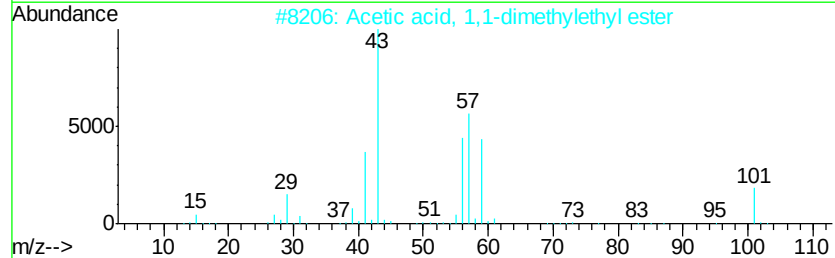
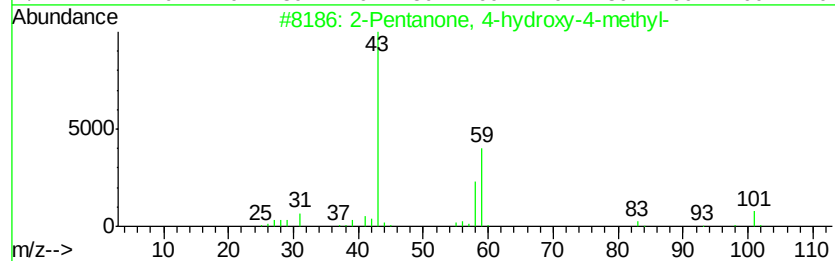
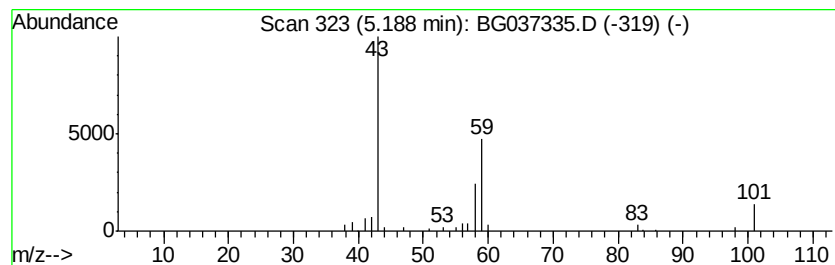
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.19 | 2.51 ng | 40271 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 72   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 42   |
| 3    |    |   | Acetone                             | 58  | C3H6O   | 000067-64-1 | 9    |
| 4    |    |   | 2-hydroxy-2-methyl-4-heptanone      | 144 | C8H16O2 | 054862-91-8 | 9    |
| 5    |    |   | Oxirane, (propoxymethyl)-           | 116 | C6H12O2 | 003126-95-2 | 9    |



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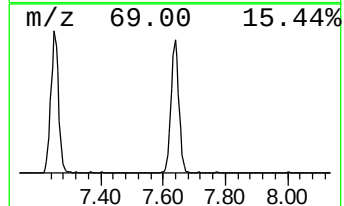
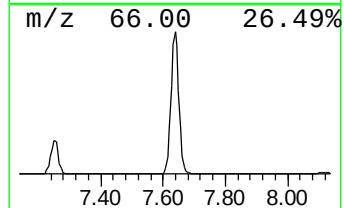
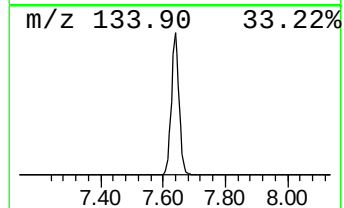
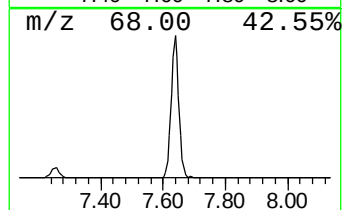
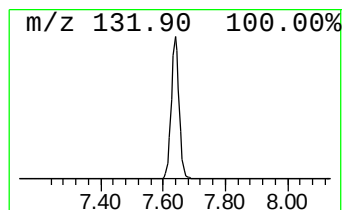
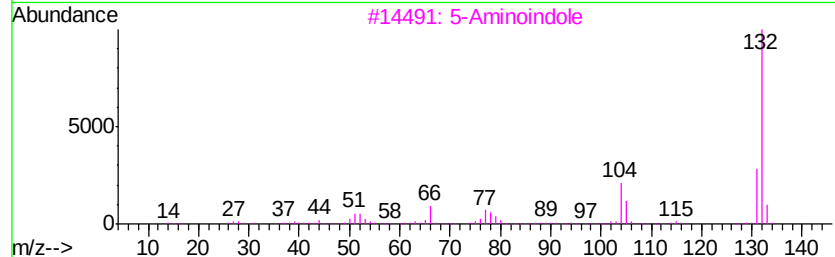
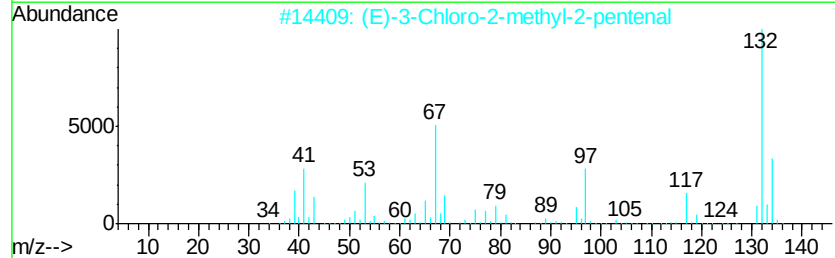
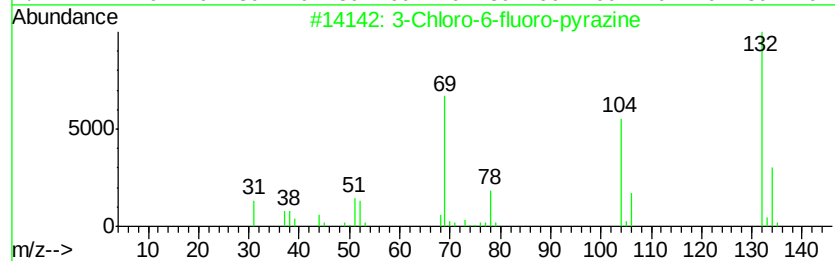
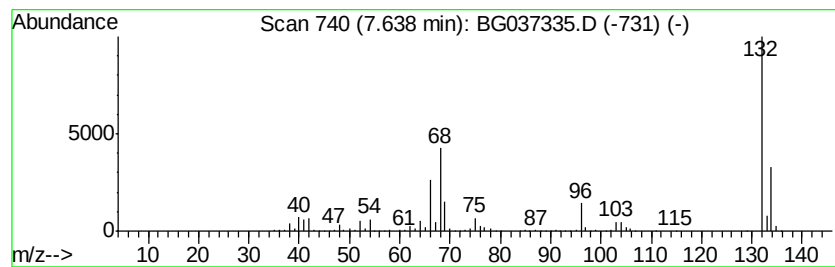
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Peak Number 2 unknown7.64 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.64 | 74.94 ng | 1202370 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Benzene, 1-ethenyl-3,5-dimethyl- | 132 | C10H12    | 005379-20-4  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.19 | 2.5     | ng    | 40271    | 1                     | 8.11 | 320909 | 20.0 |
| unknown7.64          | 7.64 | 74.9    | ng    | 1202370  | 1                     | 8.11 | 320909 | 20.0 |