

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\  
 Data File : BG037489.D  
 Acq On : 23 Oct 2018 23:25  
 Operator : JU/SJ  
 Sample : J5626-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB-2018.10.19-SW

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-BG101818.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         | 5.188       | 317           | 323         | 331          | rVB      | 31966          | 56849         | 1.38%           | 0.304%        |
| 2         | 5.646       | 394           | 401         | 413          | rVB      | 434139         | 711904        | 17.29%          | 3.805%        |
| 3         | 7.244       | 666           | 673         | 682          | rBV      | 282869         | 493772        | 11.99%          | 2.639%        |
| 4         | 7.632       | 729           | 739         | 747          | rBV      | 771201         | 1369232       | 33.26%          | 7.318%        |
| 5         | 8.108       | 812           | 820         | 830          | rBV      | 189896         | 342094        | 8.31%           | 1.828%        |
| 6         | 8.431       | 867           | 875         | 883          | rVB      | 693737         | 1246221       | 30.27%          | 6.661%        |
| 7         | 9.283       | 1010          | 1020        | 1029         | rBV      | 597624         | 1117386       | 27.14%          | 5.972%        |
| 8         | 10.928      | 1292          | 1300        | 1310         | rVB      | 283605         | 525558        | 12.77%          | 2.809%        |
| 9         | 13.361      | 1704          | 1714        | 1724         | rBV      | 1717130        | 2757629       | 66.99%          | 14.739%       |
| 10        | 14.742      | 1941          | 1949        | 1958         | rVB2     | 497970         | 813061        | 19.75%          | 4.346%        |
| 11        | 16.222      | 2194          | 2201        | 2212         | rBV      | 1304758        | 2043259       | 49.64%          | 10.921%       |
| 12        | 17.485      | 2409          | 2416        | 2428         | rBV      | 670791         | 1034506       | 25.13%          | 5.529%        |
| 13        | 20.088      | 2852          | 2859        | 2873         | rBV      | 2910376        | 4116489       | 100.00%         | 22.002%       |
| 14        | 21.769      | 3138          | 3145        | 3156         | rBV2     | 628167         | 1064994       | 25.87%          | 5.692%        |
| 15        | 25.106      | 3702          | 3713        | 3726         | rBV      | 327628         | 1016298       | 24.69%          | 5.432%        |

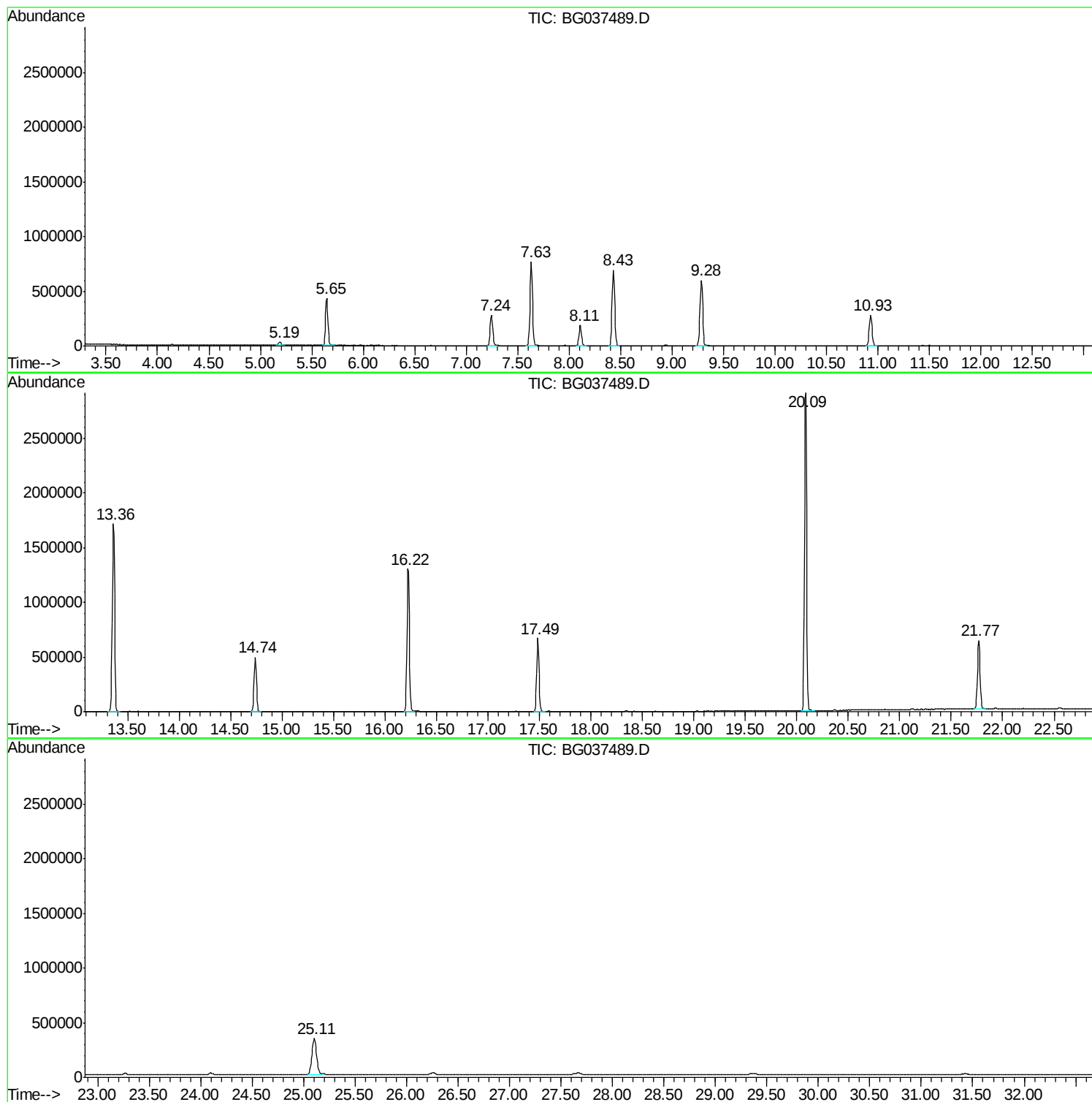
Sum of corrected areas: 18709252

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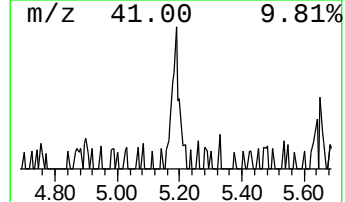
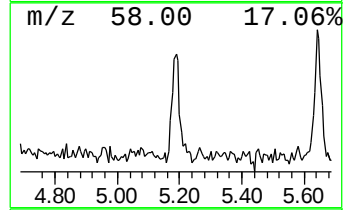
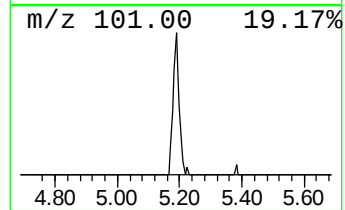
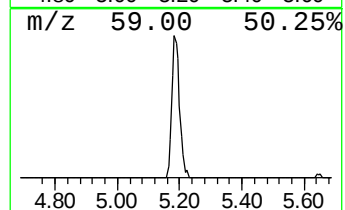
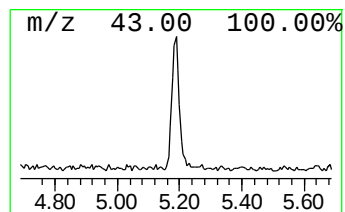
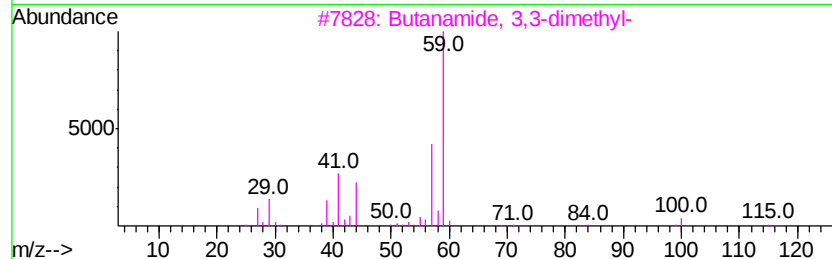
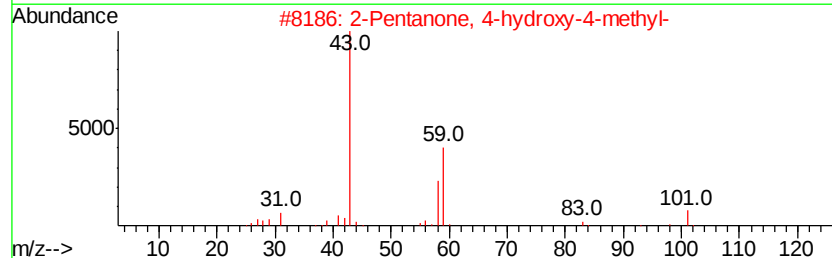
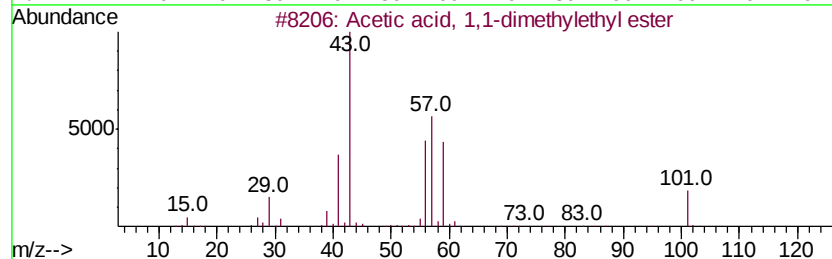
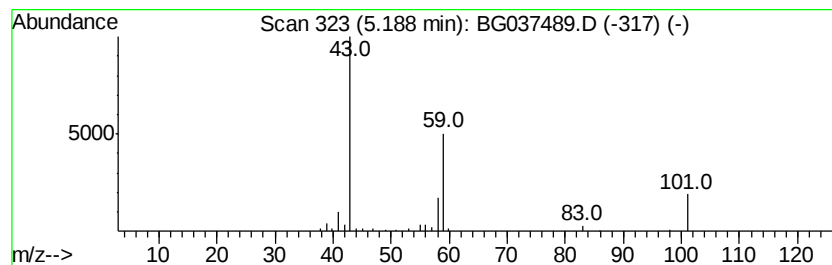
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TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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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.        |      |
|-----------|-------------------------------------|-------|------------------------|-------------|------|
| 5.19      | 3.32 ng                             | 56849 | 1,4-Dichlorobenzene-d4 | 8.11        |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm                | CAS#        | Qual |
| 1         | Acetic acid, 1,1-dimethylethyl e... | 116   | C6H12O2                | 000540-88-5 | 50   |
| 2         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116   | C6H12O2                | 000123-42-2 | 42   |
| 3         | Butanamide, 3,3-dimethyl-           | 115   | C6H13NO                | 000926-04-5 | 25   |
| 4         | Acetone                             | 58    | C3H6O                  | 000067-64-1 | 9    |
| 5         | 1-Butanol, 3-methoxy-               | 104   | C5H12O2                | 002517-43-3 | 9    |



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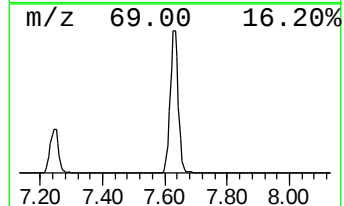
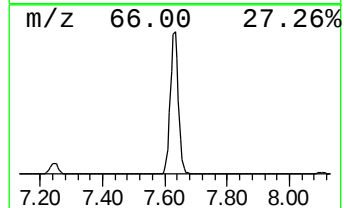
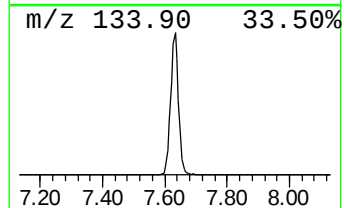
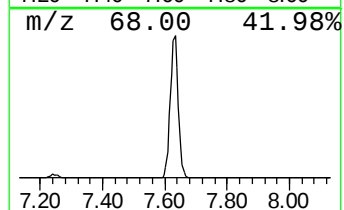
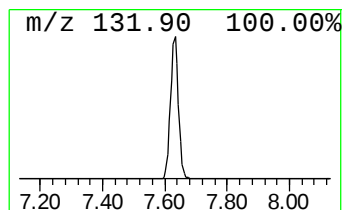
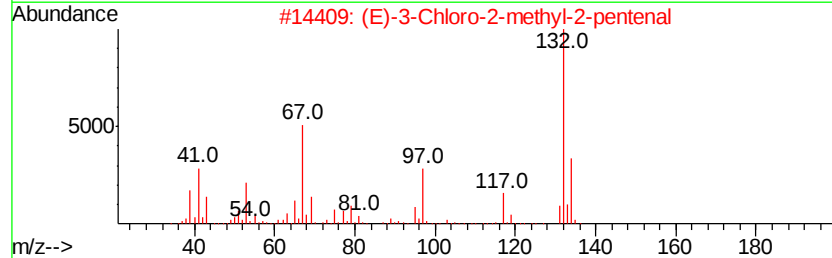
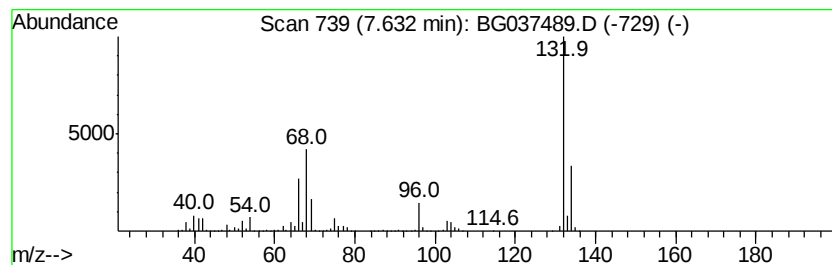
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Peak Number 2 unknown7.63 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.63 | 80.05 ng | 1369230 | 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  | 12   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | Imidazole, 4,5-dicvano-1-methyl- | 132 | C6H4N4    | 019485-35-9  | 9    |
| 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... | 5.19 | 3.3     | ng    | 56849    | 1                       | 8.11 | 342094 | 20.0 |
| unknown7.63          | 7.63 | 80.0    | ng    | 1369230  | 1                       | 8.11 | 342094 | 20.0 |