

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG102418\  
 Data File : BG037539.D  
 Acq On : 25 Oct 2018 9:49  
 Operator : JU/SJ  
 Sample : PB114090BL  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114090BL

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         | 5.179       | 315           | 322         | 335          | rBV      | 107654         | 174584        | 4.66%           | 1.002%        |
| 2         | 5.643       | 392           | 401         | 415          | rBV      | 603822         | 991810        | 26.48%          | 5.691%        |
| 3         | 7.242       | 666           | 673         | 691          | rBV      | 614373         | 1101377       | 29.40%          | 6.320%        |
| 4         | 7.629       | 731           | 739         | 750          | rBV      | 580230         | 1025701       | 27.38%          | 5.886%        |
| 5         | 8.105       | 812           | 820         | 828          | rBV      | 161283         | 284606        | 7.60%           | 1.633%        |
| 6         | 8.428       | 867           | 875         | 884          | rBV      | 609132         | 1113285       | 29.72%          | 6.389%        |
| 7         | 9.280       | 1012          | 1020        | 1035         | rBV      | 537865         | 970584        | 25.91%          | 5.570%        |
| 8         | 10.925      | 1292          | 1300        | 1307         | rBV      | 249739         | 456961        | 12.20%          | 2.622%        |
| 9         | 13.358      | 1706          | 1714        | 1723         | rBV      | 1583986        | 2572536       | 68.67%          | 14.762%       |
| 10        | 14.739      | 1942          | 1949        | 1957         | rBV2     | 425384         | 723178        | 19.30%          | 4.150%        |
| 11        | 16.219      | 2194          | 2201        | 2217         | rBV2     | 755538         | 1234595       | 32.96%          | 7.085%        |
| 12        | 17.482      | 2409          | 2416        | 2428         | rBV2     | 618828         | 971911        | 25.94%          | 5.577%        |
| 13        | 19.750      | 2797          | 2802        | 2806         | rBV2     | 68462          | 81979         | 2.19%           | 0.470%        |
| 14        | 20.079      | 2852          | 2858        | 2869         | rBV      | 2668177        | 3746150       | 100.00%         | 21.497%       |
| 15        | 20.790      | 2975          | 2979        | 2983         | rBV2     | 60726          | 69793         | 1.86%           | 0.401%        |
| 16        | 21.766      | 3138          | 3145        | 3156         | rBV2     | 586904         | 1038050       | 27.71%          | 5.957%        |
| 17        | 25.103      | 3701          | 3713        | 3725         | rBV2     | 252469         | 869280        | 23.20%          | 4.988%        |

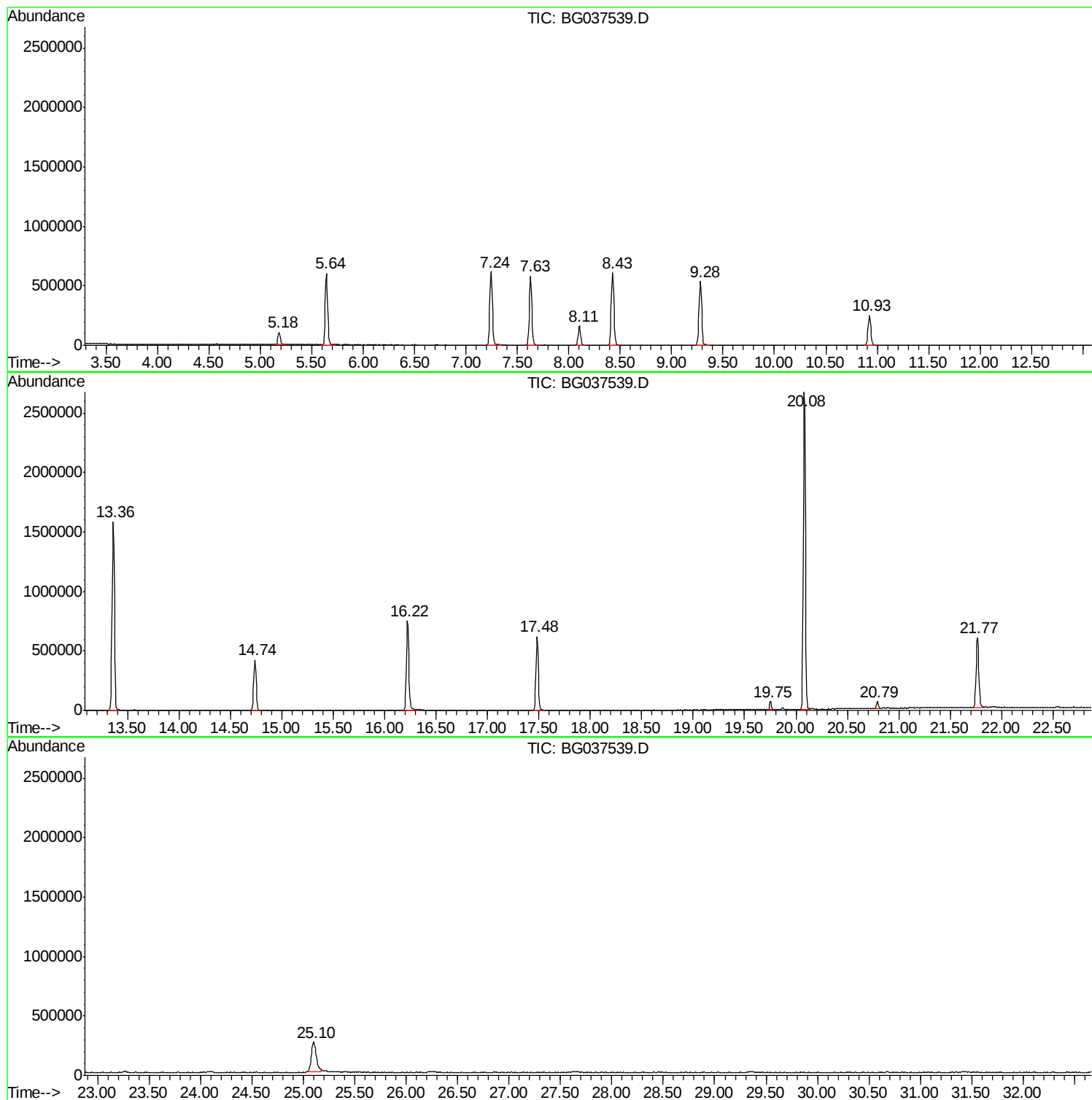
Sum of corrected areas: 17426380

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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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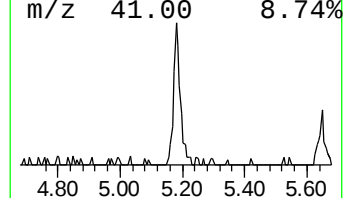
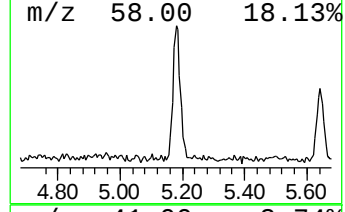
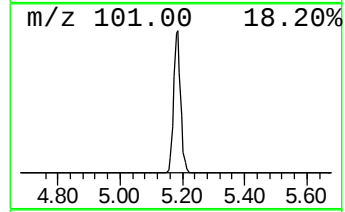
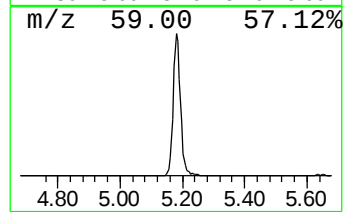
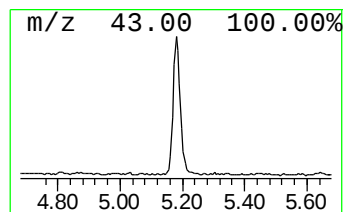
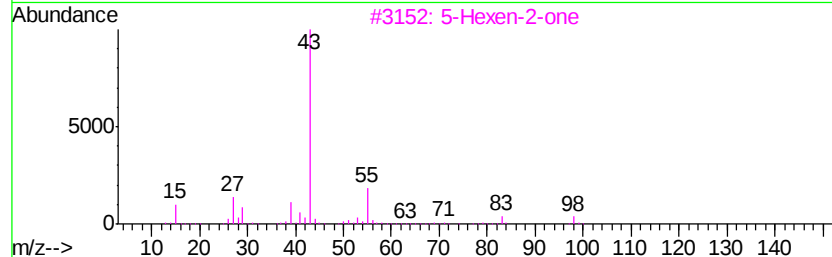
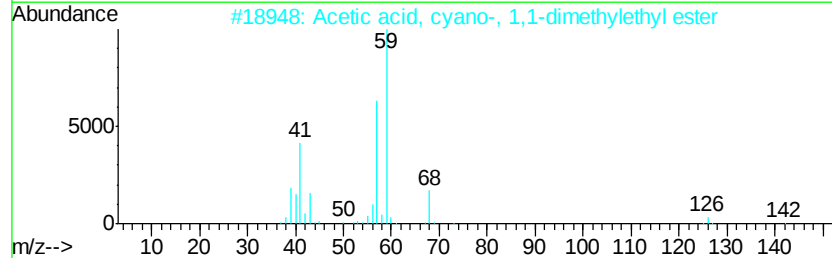
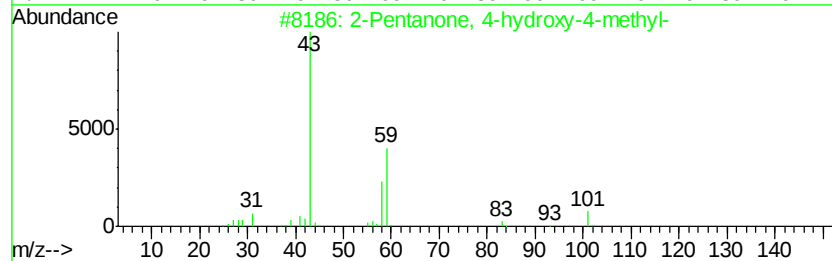
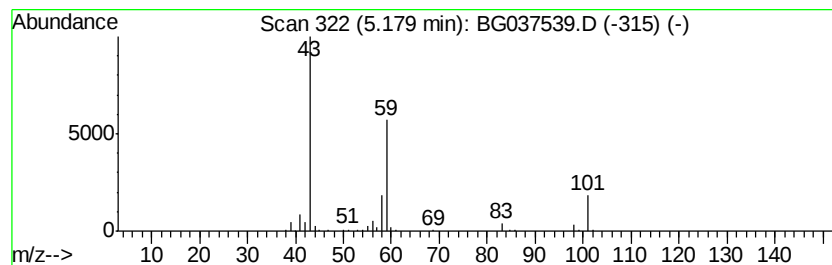
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG101818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.18 | 12.27 ng | 174584 | 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 | 45   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 3    |    |   | 5-Hexen-2-one                       | 98  | C6H10O   | 000109-49-9 | 9    |
| 4    |    |   | Silane, dimethyl-                   | 60  | C2H8Si   | 001111-74-6 | 9    |
| 5    |    |   | 4-Hydroxy-3-hexanone                | 116 | C6H12O2  | 004984-85-4 | 9    |



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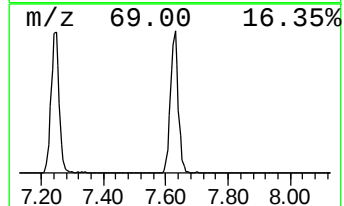
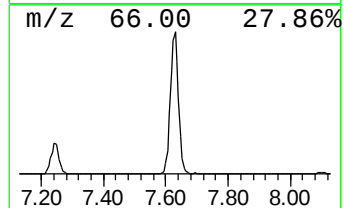
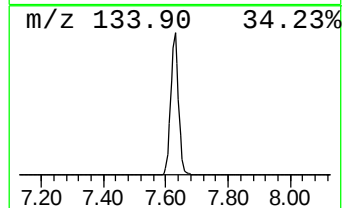
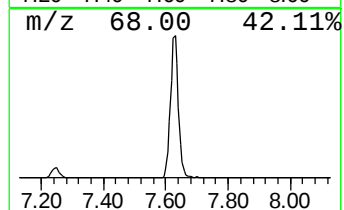
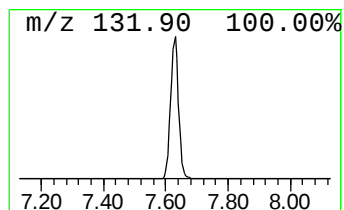
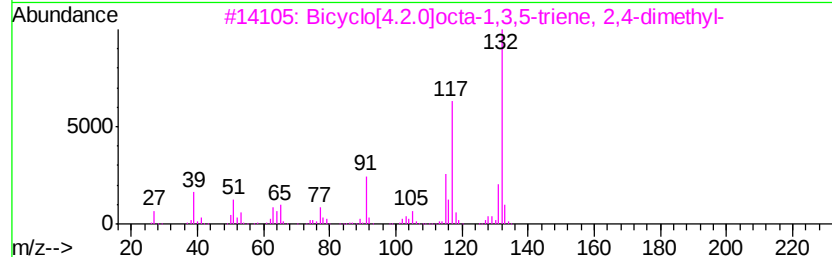
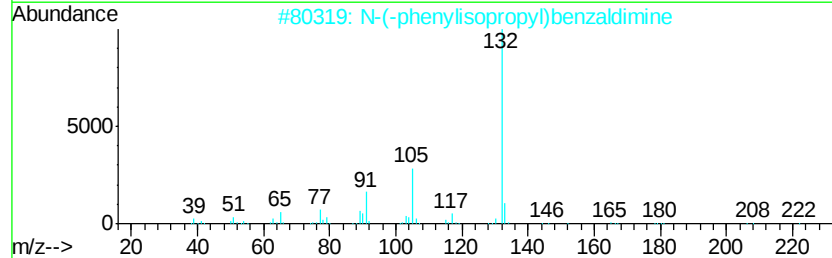
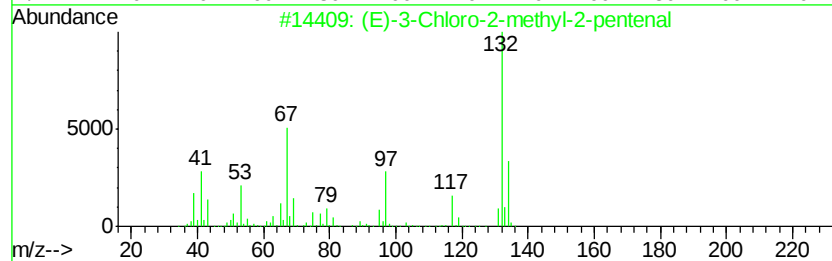
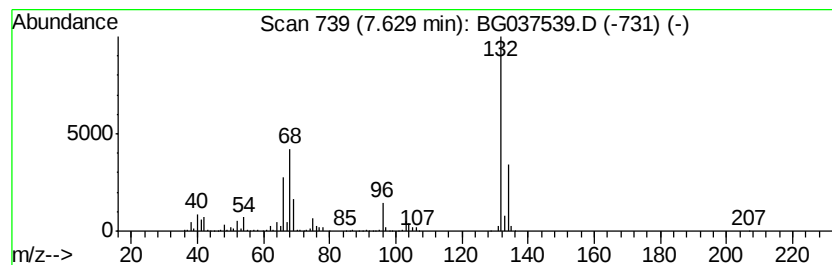
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Peak Number 2 unknown7.63 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.63 | 72.08 ng | 1025700 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 2    |    | N-(-phenylisopropyl)benzalimine     | 223 | C16H17N   | 1000379-01-3 | 10   |
| 3    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 4    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    | 1-Methylpyrrolo[1,2-a]pyrazine      | 132 | C8H8N2    | 064608-59-9  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.18 | 12.3    | ng    | 174584   | 1                     | 8.11 | 284606 | 20.0 |
| unknown7.63          | 7.63 | 72.1    | ng    | 1025700  | 1                     | 8.11 | 284606 | 20.0 |