

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\  
 Data File : BG037560.D  
 Acq On : 26 Oct 2018 00:51  
 Operator : JU/SJ  
 Sample : PB114176BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114176BL

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         | 5.183       | 316           | 322         | 329          | rBV      | 31310          | 49544         | 1.64%           | 0.317%        |
| 2         | 5.641       | 391           | 400         | 417          | rVB      | 656851         | 1109541       | 36.75%          | 7.096%        |
| 3         | 7.245       | 665           | 673         | 684          | rBV      | 716225         | 1247521       | 41.32%          | 7.978%        |
| 4         | 7.627       | 731           | 738         | 747          | rBV      | 670906         | 1164818       | 38.58%          | 7.449%        |
| 5         | 8.103       | 812           | 819         | 828          | rBV      | 158661         | 278035        | 9.21%           | 1.778%        |
| 6         | 8.426       | 866           | 874         | 882          | rBV      | 472251         | 849487        | 28.14%          | 5.433%        |
| 7         | 9.278       | 1011          | 1019        | 1031         | rBV      | 403122         | 745370        | 24.69%          | 4.767%        |
| 8         | 10.923      | 1292          | 1299        | 1308         | rVB      | 235740         | 435037        | 14.41%          | 2.782%        |
| 9         | 13.361      | 1706          | 1714        | 1722         | rBV      | 1176675        | 1935962       | 64.13%          | 12.381%       |
| 10        | 14.736      | 1941          | 1948        | 1955         | rBV2     | 423068         | 686581        | 22.74%          | 4.391%        |
| 11        | 16.223      | 2194          | 2201        | 2218         | rBV      | 897269         | 1427660       | 47.29%          | 9.130%        |
| 12        | 17.480      | 2409          | 2415        | 2427         | rBV2     | 576969         | 904418        | 29.96%          | 5.784%        |
| 13        | 20.083      | 2851          | 2858        | 2871         | rBV      | 2122135        | 3018985       | 100.00%         | 19.308%       |
| 14        | 21.763      | 3137          | 3144        | 3155         | rBV      | 551867         | 951475        | 31.52%          | 6.085%        |
| 15        | 25.095      | 3700          | 3711        | 3725         | rBV2     | 247817         | 831795        | 27.55%          | 5.320%        |

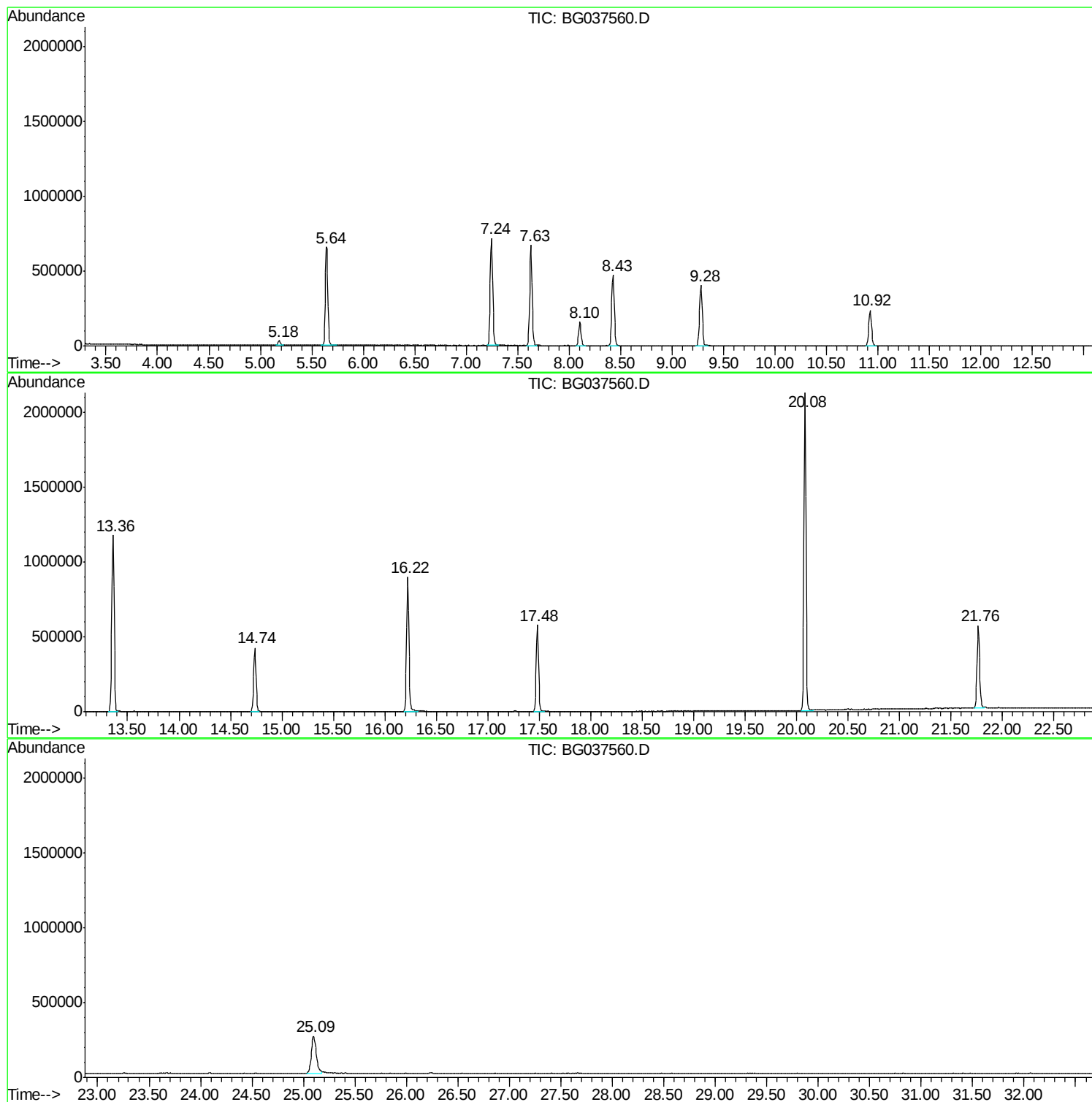
Sum of corrected areas: 15636229

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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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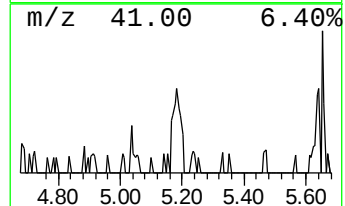
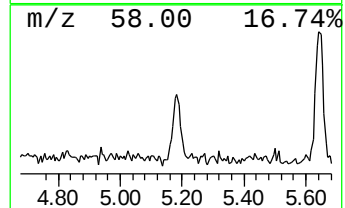
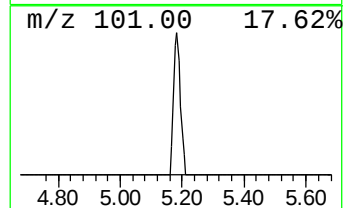
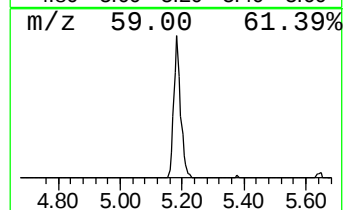
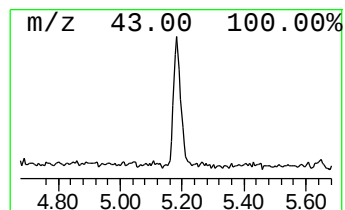
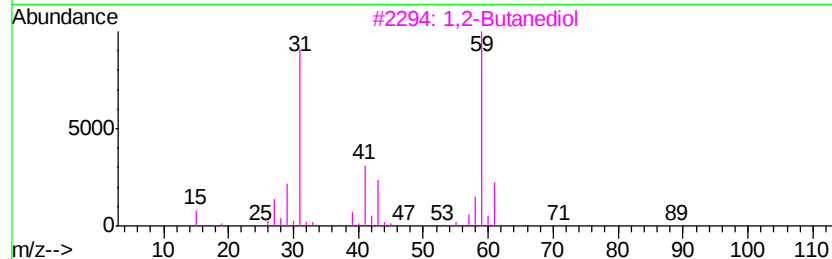
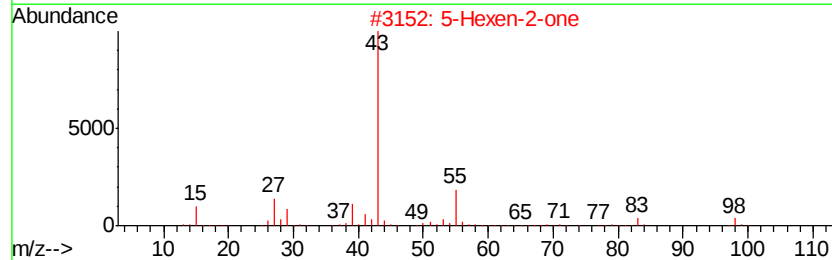
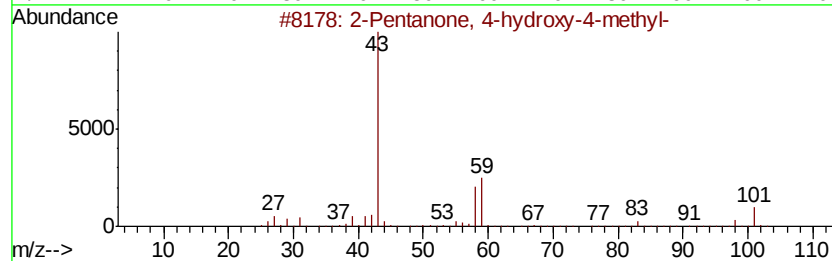
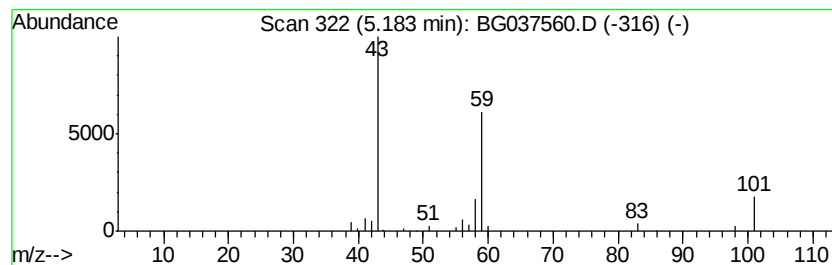
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TIC Integration Parameters: LSCINT.P

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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 | 3.56 ng | 49544 | 1,4-Dichlorobenzene-d4 | 8.10 |

| Hit# | of | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    | 5-Hexen-2-one                      | 98  | C6H10O   | 000109-49-9 | 9    |
| 3    |    | 1,2-Butanediol                     | 90  | C4H10O2  | 000584-03-2 | 9    |
| 4    |    | Acetic acid, cyano-, 1,1-dimethyl- | 141 | C7H11NO2 | 001116-98-9 | 9    |
| 5    |    | Propane, 2-ethoxy-2-methyl-        | 102 | C6H14O   | 000637-92-3 | 9    |



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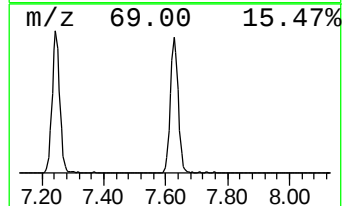
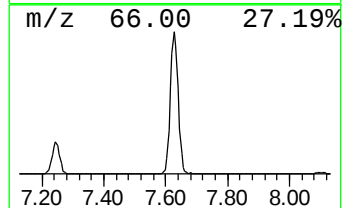
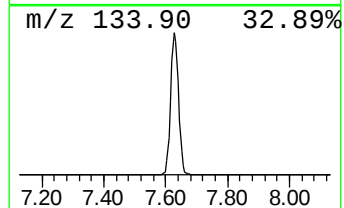
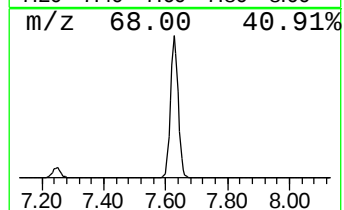
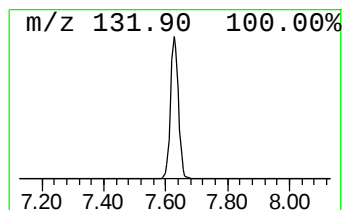
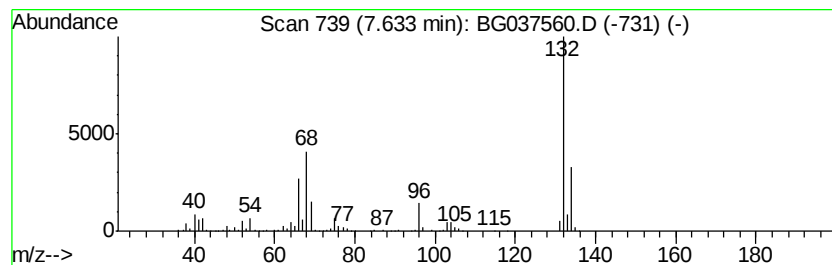
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Peak Number 2 unknown7.63 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.63 | 83.79 ng | 1164820 | 1,4-Dichlorobenzene-d4 | 8.10 |

| 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    |    | Tranvlcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 1,2,4-Trifluorobenzene              | 132 | C6H3F3    | 000367-23-7  | 9    |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.18 | 3.6     | ng    | 49544    | 1                     | 8.10 | 278035 | 20.0 |
| unknown7.63          | 7.63 | 83.8    | ng    | 1164820  | 1                     | 8.10 | 278035 | 20.0 |