

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\  
 Data File : BF090748.D  
 Acq On : 22 Oct 2016 8:46  
 Operator : UM/SJ  
 Sample : H5308-23  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-103D

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:\HPCHEM1\BNA F\METHODS\8270-BF102116.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 5.046    | 235        | 237      | 249       | rBV   | 427369      | 541952     | 6.89%        | 1.049%     |
| 2      | 5.469    | 271        | 274      | 276       | rBV   | 2964816     | 3250449    | 41.32%       | 6.290%     |
| 3      | 6.486    | 361        | 363      | 372       | rBV   | 1782406     | 2032263    | 25.83%       | 3.933%     |
| 4      | 6.623    | 372        | 375      | 378       | rBV   | 4927000     | 5218037    | 66.33%       | 10.097%    |
| 5      | 6.852    | 393        | 395      | 406       | rBV   | 1369478     | 1563485    | 19.88%       | 3.025%     |
| 6      | 7.012    | 406        | 409      | 412       | rBV   | 5142464     | 5103813    | 64.88%       | 9.876%     |
| 7      | 7.423    | 442        | 445      | 447       | rBV   | 3602728     | 4228216    | 53.75%       | 8.182%     |
| 8      | 8.143    | 505        | 508      | 510       | rBV   | 1825844     | 2047591    | 26.03%       | 3.962%     |
| 9      | 9.217    | 599        | 602      | 605       | rBV   | 6209854     | 7384963    | 93.88%       | 14.291%    |
| 10     | 9.606    | 634        | 636      | 639       | rBV   | 205657      | 261065     | 3.32%        | 0.505%     |
| 11     | 9.892    | 658        | 661      | 664       | rBV   | 2594513     | 2375509    | 30.20%       | 4.597%     |
| 12     | 10.326   | 692        | 699      | 701       | rBV4  | 46794       | 81625      | 1.04%        | 0.158%     |
| 13     | 10.692   | 727        | 731      | 733       | rBV2  | 3066772     | 4793437    | 60.94%       | 9.276%     |
| 14     | 10.806   | 739        | 741      | 745       | rVB   | 46164       | 85531      | 1.09%        | 0.166%     |
| 15     | 11.378   | 789        | 791      | 794       | rBV   | 2234273     | 2084746    | 26.50%       | 4.034%     |
| 16     | 12.795   | 912        | 915      | 917       | rBV   | 66940       | 83450      | 1.06%        | 0.161%     |
| 17     | 12.966   | 927        | 930      | 933       | rBV   | 5388174     | 7866343    | 100.00%      | 15.222%    |
| 18     | 14.018   | 1019       | 1022     | 1024      | rBV   | 1504827     | 1537560    | 19.55%       | 2.975%     |
| 19     | 15.447   | 1144       | 1147     | 1158      | rBV   | 711188      | 1137334    | 14.46%       | 2.201%     |

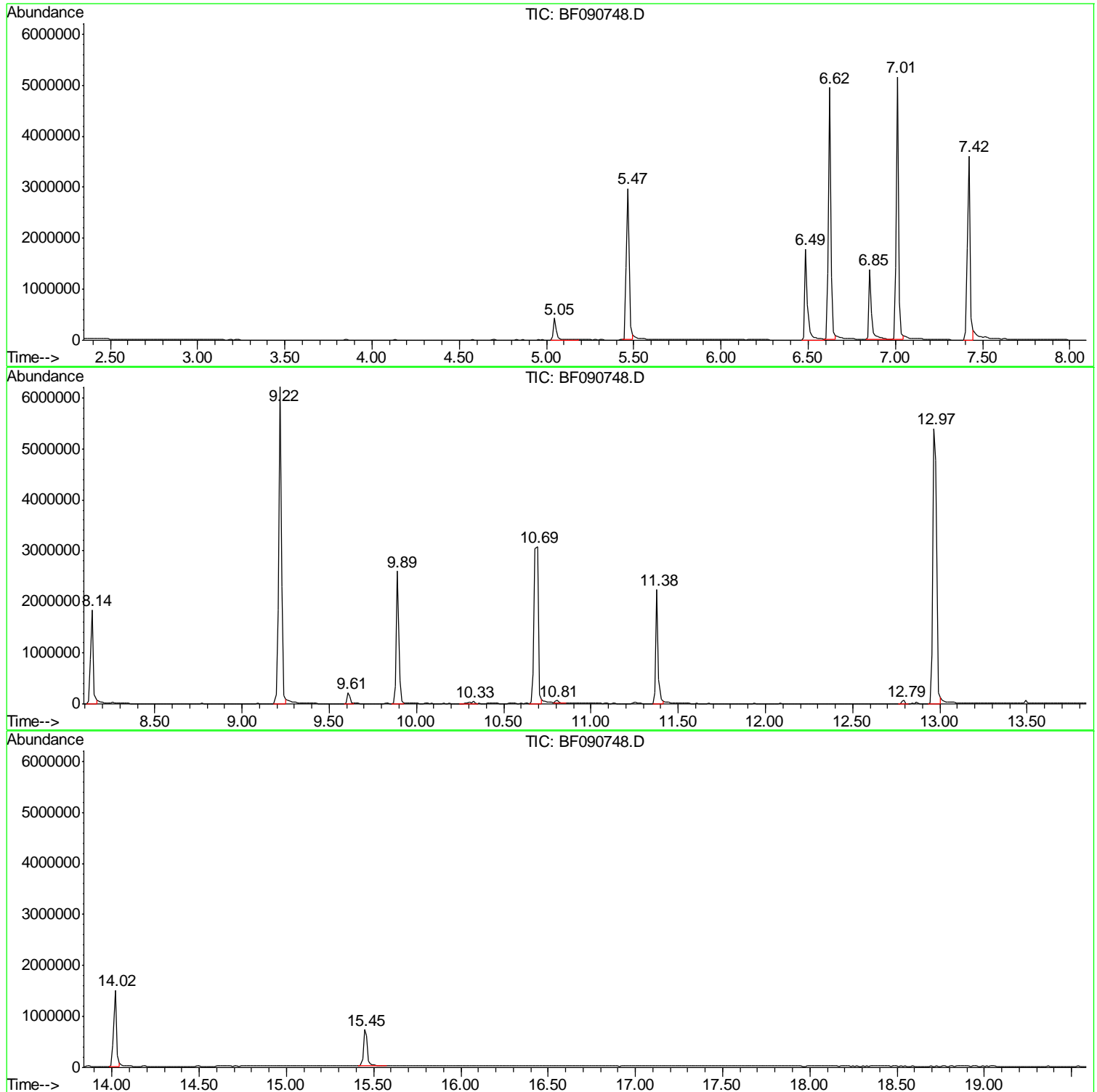
Sum of corrected areas: 51677369

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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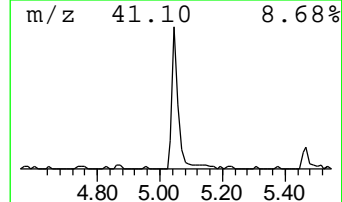
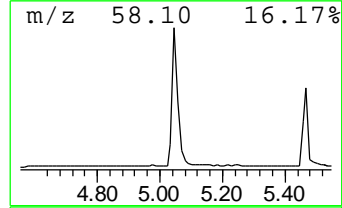
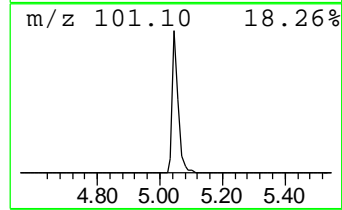
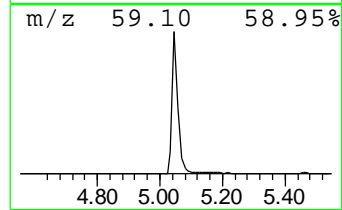
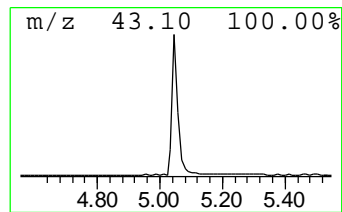
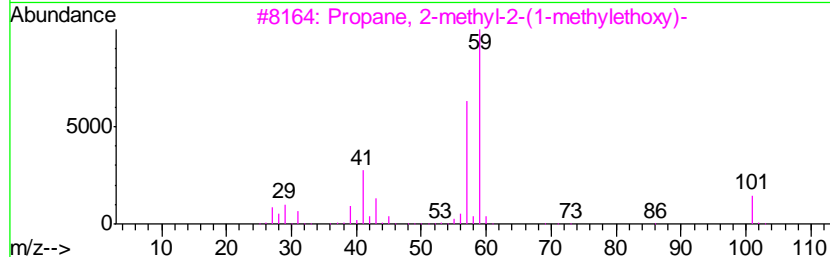
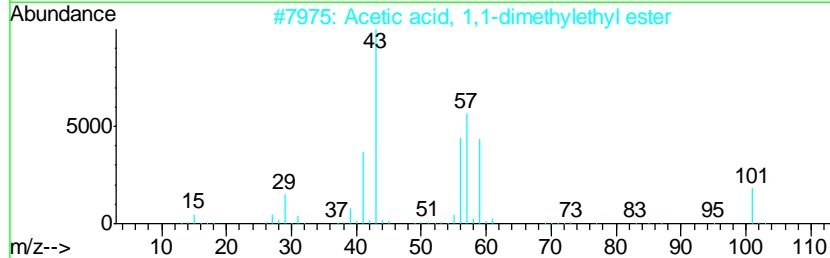
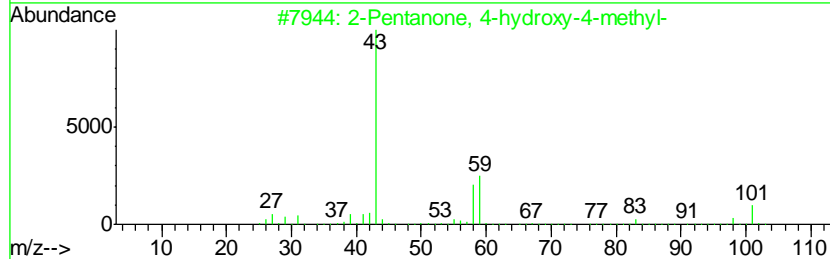
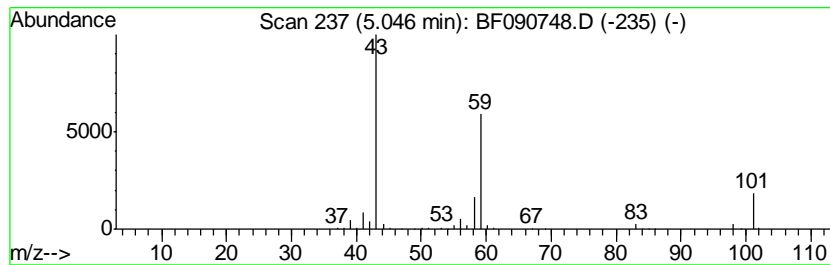
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M  
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 Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.05 | 6.93 ng | 541952 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 33   |
| 4    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 5    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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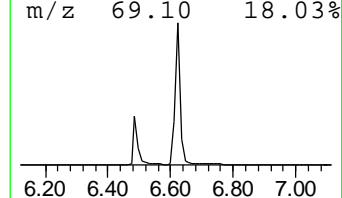
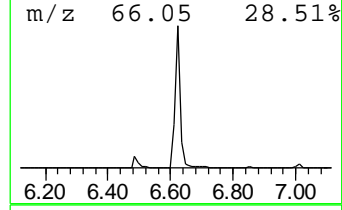
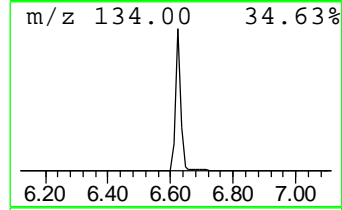
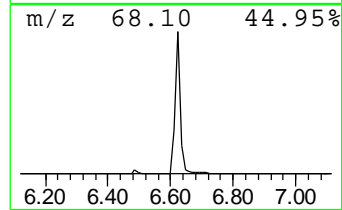
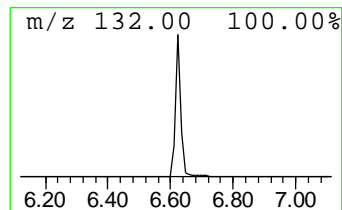
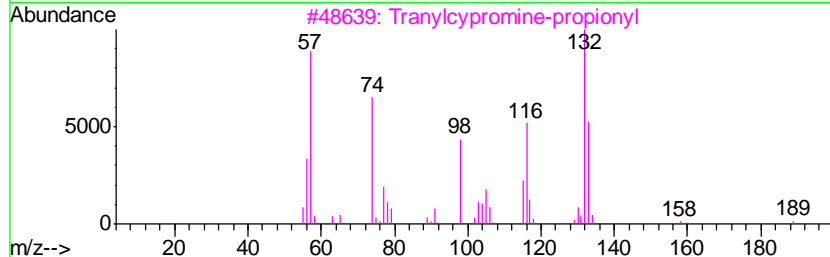
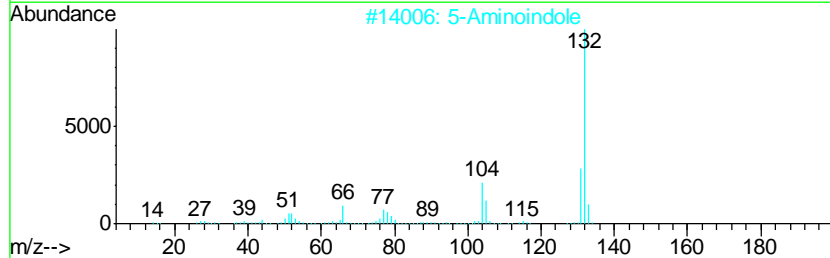
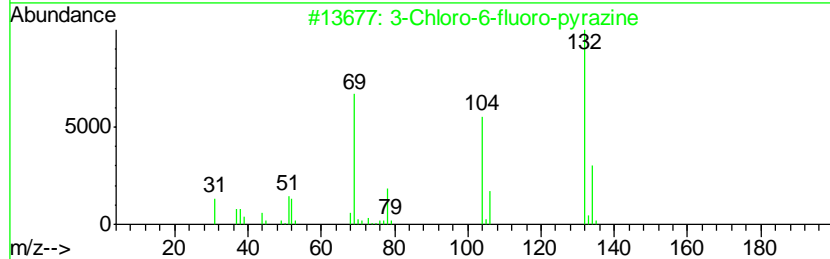
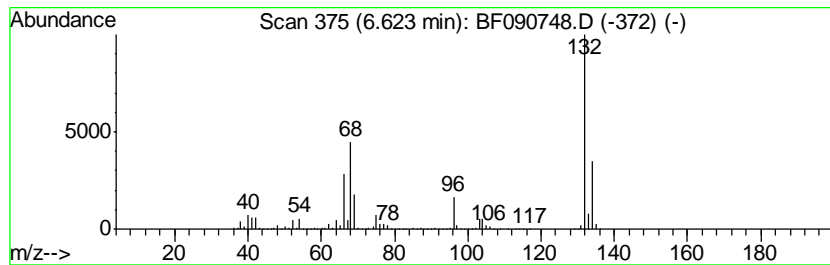
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 Peak Number 2 unknown6.62 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.62 | 66.75 ng | 5218040 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    | Tranlycypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.05 | 6.9     | ng    | 541952   | 1                     | 6.85 | 1563490 | 20.0 |
| unknown6.62          | 6.62 | 66.8    | ng    | 5218040  | 1                     | 6.85 | 1563490 | 20.0 |