

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF090117\  
 Data File : BF098216.D  
 Acq On : 1 Sep 2017 10:29  
 Operator : SJ/JU  
 Sample : PB101969BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101969BL

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-BF081517.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         | 4.928       | 479           | 483         | 496          | rBV      | 170110         | 258456        | 7.56%           | 0.931%        |
| 2         | 5.340       | 548           | 553         | 556          | rBV      | 2914280        | 3025880       | 88.47%          | 10.898%       |
| 3         | 6.369       | 722           | 728         | 730          | rBV      | 2656400        | 3122894       | 91.31%          | 11.247%       |
| 4         | 6.492       | 744           | 749         | 752          | rBV      | 3042667        | 2985335       | 87.29%          | 10.752%       |
| 5         | 6.716       | 783           | 787         | 791          | rBV      | 859611         | 666016        | 19.47%          | 2.399%        |
| 6         | 6.875       | 809           | 814         | 817          | rBV      | 2623731        | 2340653       | 68.44%          | 8.430%        |
| 7         | 7.286       | 878           | 884         | 887          | rBV      | 1915003        | 1951597       | 57.06%          | 7.029%        |
| 8         | 7.998       | 1001          | 1005        | 1019         | rBV      | 909665         | 899651        | 26.30%          | 3.240%        |
| 9         | 9.080       | 1183          | 1189        | 1192         | rBV      | 3376232        | 3420102       | 100.00%         | 12.318%       |
| 10        | 9.751       | 1298          | 1303        | 1316         | rBB2     | 1085057        | 997119        | 29.15%          | 3.591%        |
| 11        | 10.545      | 1432          | 1438        | 1441         | rBV      | 1989968        | 2031445       | 59.40%          | 7.316%        |
| 12        | 11.233      | 1551          | 1555        | 1563         | rBV      | 1275707        | 1087983       | 31.81%          | 3.918%        |
| 13        | 12.821      | 1820          | 1825        | 1828         | rBV      | 3167720        | 3419210       | 99.97%          | 12.315%       |
| 14        | 13.862      | 1998          | 2002        | 2010         | rBV      | 856125         | 901516        | 26.36%          | 3.247%        |
| 15        | 15.280      | 2237          | 2243        | 2253         | rBV      | 474176         | 657865        | 19.24%          | 2.369%        |

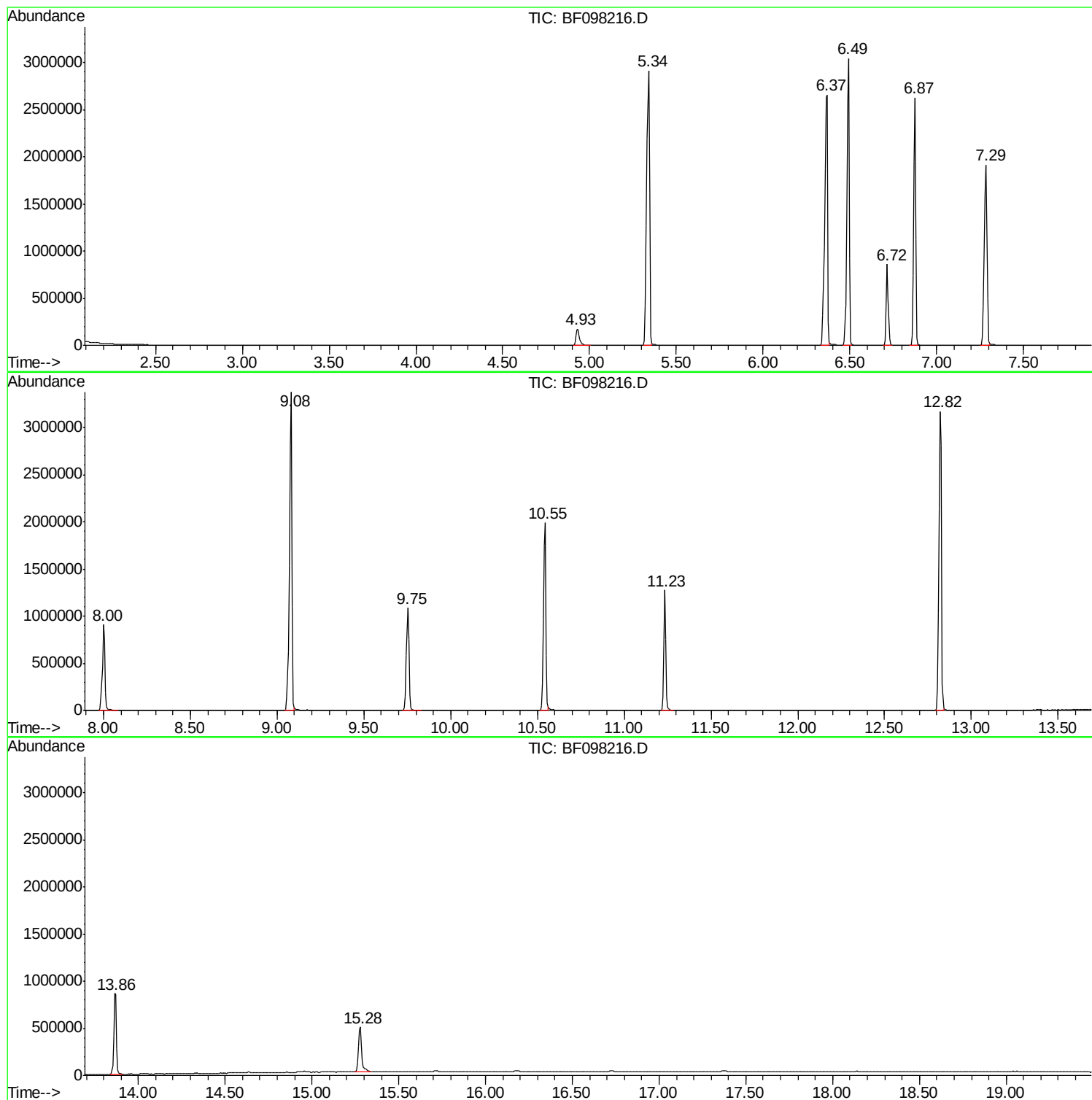
Sum of corrected areas: 27765722

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.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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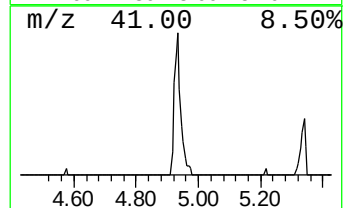
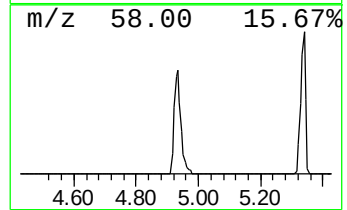
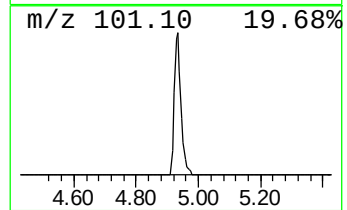
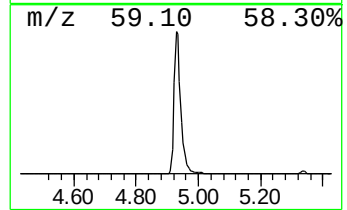
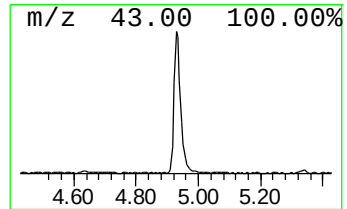
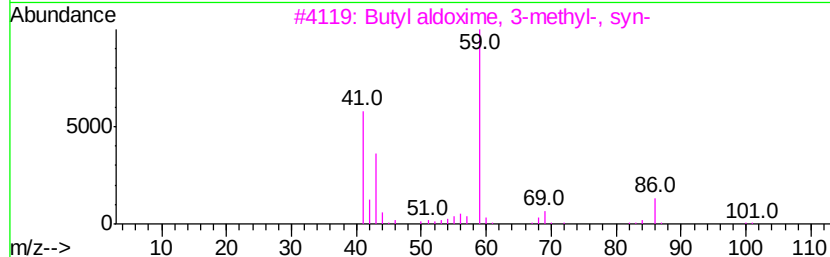
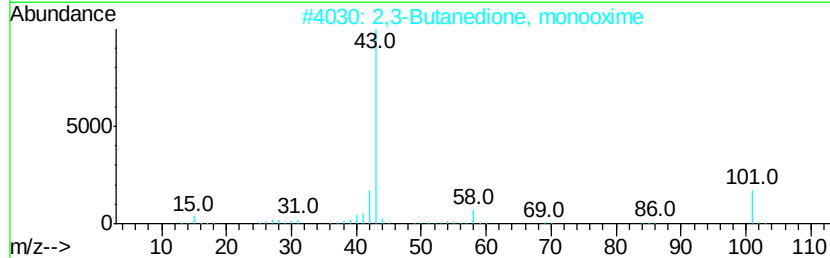
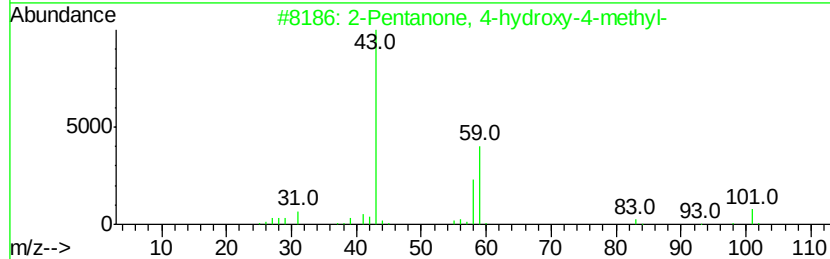
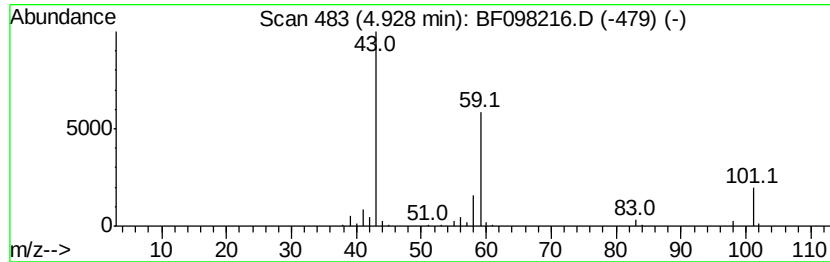
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown4.93 Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.93 | 7.76 ng | 258456 | 1,4-Dichlorobenzene-d4 | 6.72 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 42   |
| 2    |    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 25   |
| 3    |    | Butyl aldoxime, 3-methyl-, syn-  | 101 | C5H11NO | 005780-40-5 | 25   |
| 4    |    | Butane, 1-ethoxy-                | 102 | C6H14O  | 000628-81-9 | 9    |
| 5    |    | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9 | 9    |



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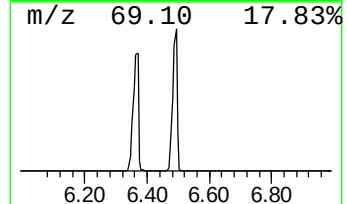
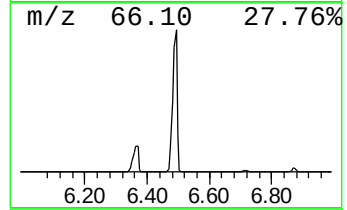
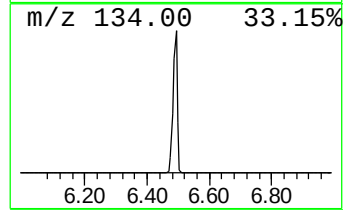
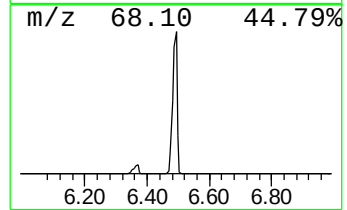
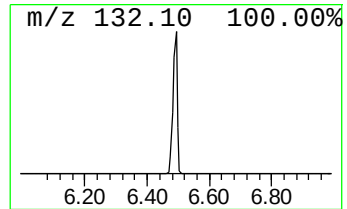
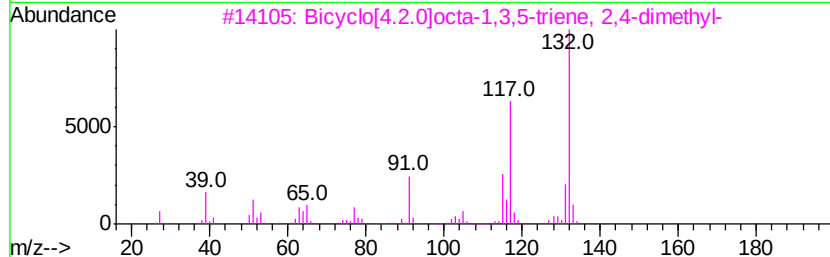
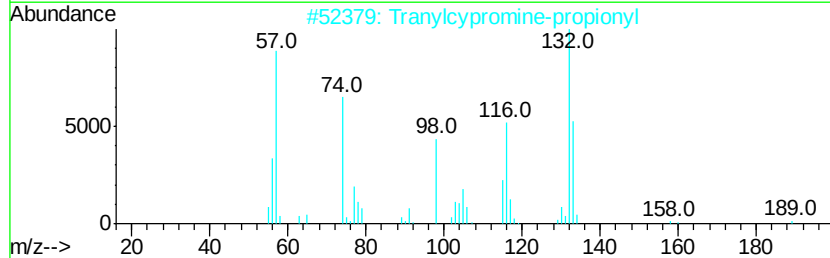
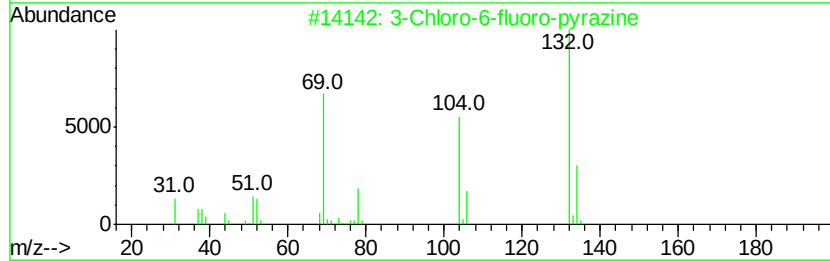
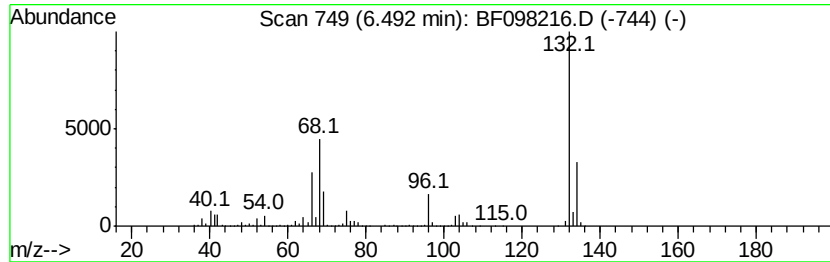
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.49 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.49 | 89.65 ng | 2985340 | 1,4-Dichlorobenzene-d4 | 6.72 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | Tranlycypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 4    |    | Xenon                               | 132 | Xe        | 007440-63-3  | 9    |
| 5    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown4.93      | 4.93 | 7.8     | ng    | 258456   | 1                     | 6.72 | 666016 | 20.0 |
| unknown6.49      | 6.49 | 89.7    | ng    | 2985340  | 1                     | 6.72 | 666016 | 20.0 |