

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF120517\  
 Data File : BF101118.D  
 Acq On : 5 Dec 2017 12:27  
 Operator : SJ/JU  
 Sample : PB104707BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB104707BL

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-BF113017.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         | 5.093       | 507           | 511         | 522          | rBV      | 53883          | 77211         | 4.58%           | 0.640%        |
| 2         | 5.475       | 572           | 576         | 579          | rBV      | 1236746        | 1232436       | 73.15%          | 10.221%       |
| 3         | 6.487       | 742           | 748         | 750          | rBV      | 1102055        | 1226579       | 72.80%          | 10.172%       |
| 4         | 6.622       | 766           | 771         | 774          | rBV      | 1370209        | 1302890       | 77.33%          | 10.805%       |
| 5         | 6.845       | 806           | 809         | 813          | rBV      | 347039         | 270570        | 16.06%          | 2.244%        |
| 6         | 7.004       | 831           | 836         | 839          | rBV      | 1225000        | 1035120       | 61.44%          | 8.585%        |
| 7         | 7.410       | 900           | 905         | 908          | rBV      | 723278         | 794130        | 47.13%          | 6.586%        |
| 8         | 8.128       | 1023          | 1027        | 1031         | rBV      | 425802         | 359297        | 21.33%          | 2.980%        |
| 9         | 9.204       | 1204          | 1210        | 1213         | rBV      | 1786820        | 1639508       | 97.31%          | 13.597%       |
| 10        | 9.886       | 1321          | 1326        | 1336         | rBB      | 459545         | 417234        | 24.76%          | 3.460%        |
| 11        | 10.680      | 1456          | 1461        | 1464         | rBV      | 1001579        | 970570        | 57.61%          | 8.049%        |
| 12        | 11.374      | 1575          | 1579        | 1582         | rBV      | 541910         | 447602        | 26.57%          | 3.712%        |
| 13        | 12.963      | 1844          | 1849        | 1852         | rBV      | 1844079        | 1684854       | 100.00%         | 13.973%       |
| 14        | 14.015      | 2024          | 2028        | 2035         | rBV      | 367686         | 336656        | 19.98%          | 2.792%        |
| 15        | 15.492      | 2273          | 2279        | 2289         | rBV      | 190624         | 263236        | 15.62%          | 2.183%        |

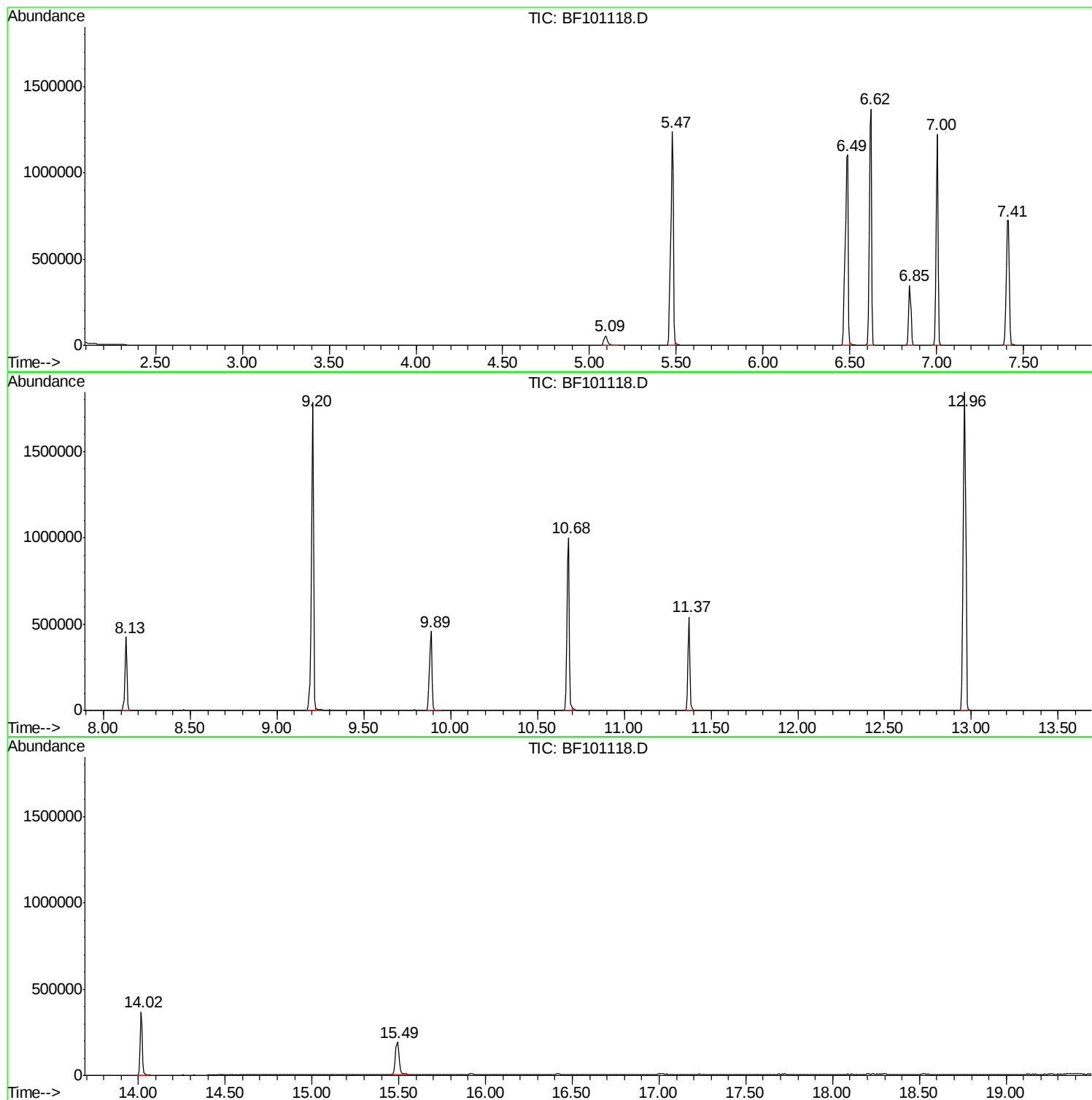
Sum of corrected areas: 12057893

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF113017.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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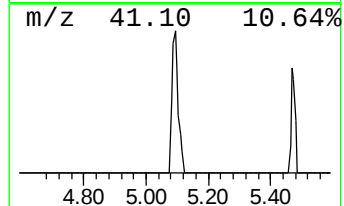
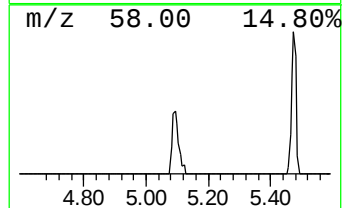
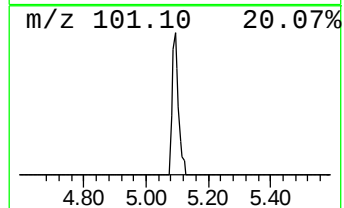
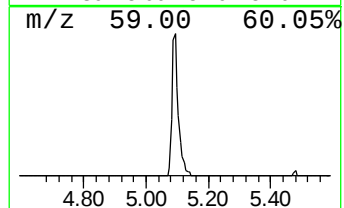
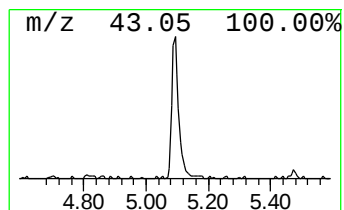
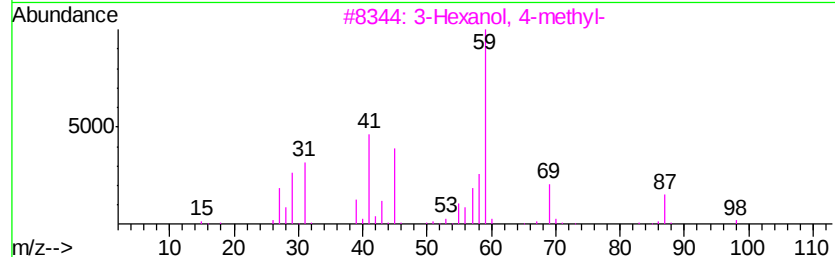
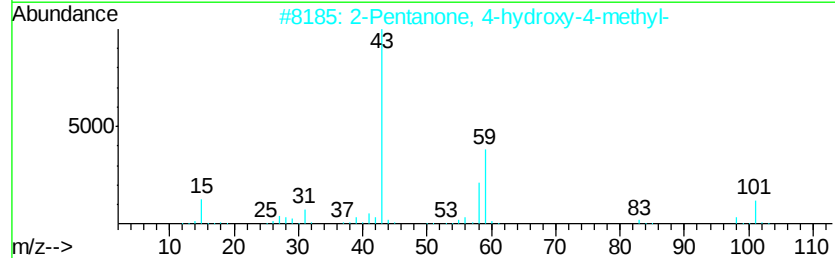
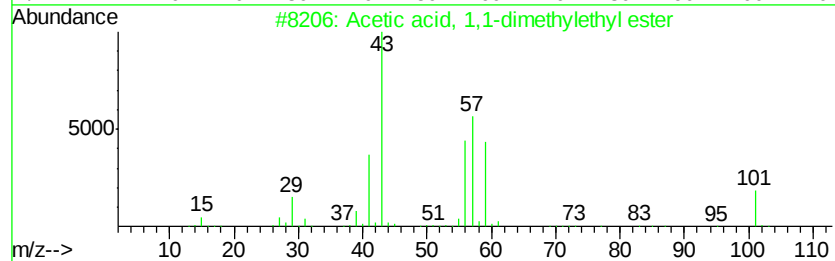
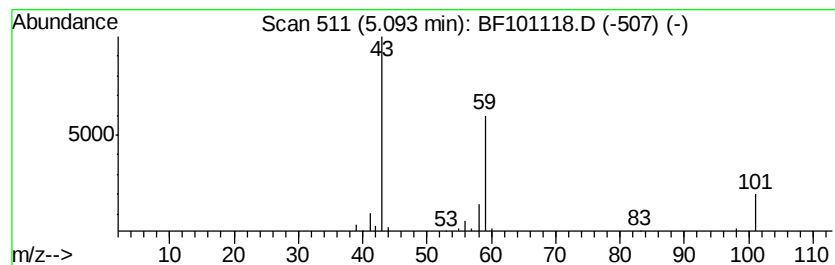
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown5.09 Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.09 | 5.71 ng | 77211 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 33   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 28   |
| 4    |    |   | 3-Hexanol                           | 102 | C6H14O   | 000623-37-0 | 28   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |



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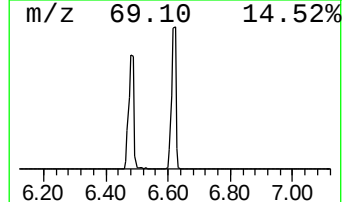
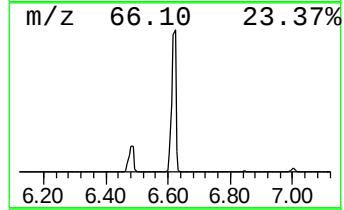
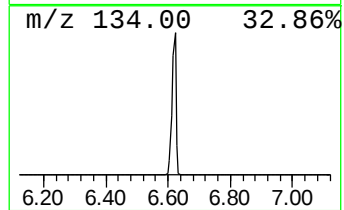
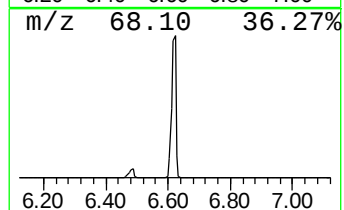
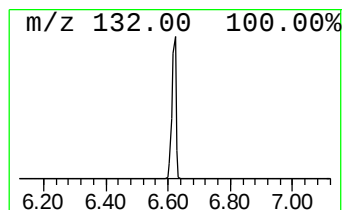
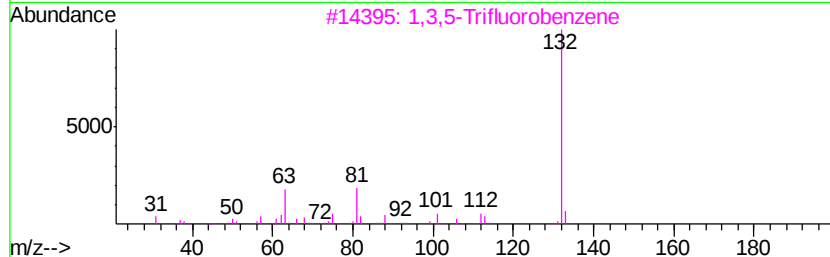
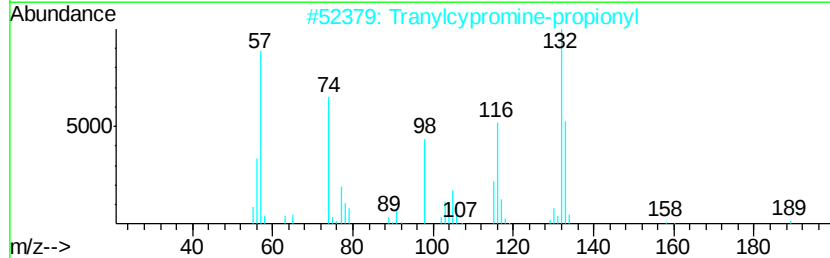
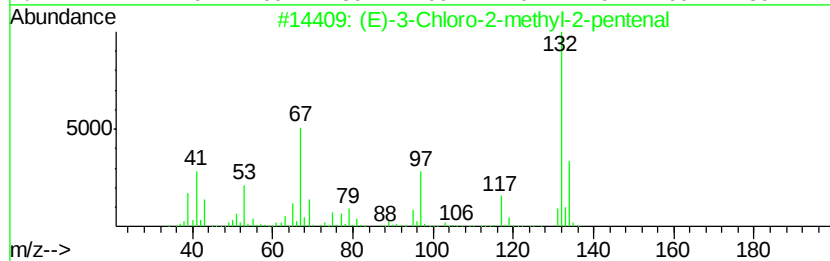
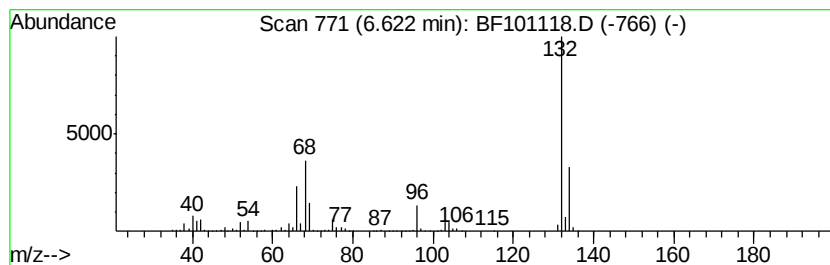
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.62 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.62 | 96.31 ng | 1302890 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 2    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 3    |    | 1,3,5-Trifluorobenzene           | 132 | C6H3F3    | 000372-38-3  | 9    |
| 4    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown5.09      | 5.09 | 5.7     | ng    | 77211    | 1                     | 6.85 | 270570 | 20.0 |
| unknown6.62      | 6.62 | 96.3    | ng    | 1302890  | 1                     | 6.85 | 270570 | 20.0 |