

Data Path : Z:\HPCHEM1\BNA\_F\Data\BF031817\  
 Data File : BF093742.D  
 Acq On : 18 Mar 2017 9:54  
 Operator : SJ/MA  
 Sample : I2263-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB-03132017

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-BF031817.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         | 5.019       | 271           | 274         | 280          | rBV      | 222371         | 299158        | 4.84%           | 0.770%        |
| 2         | 5.442       | 308           | 311         | 313          | rBV      | 2535984        | 2378850       | 38.49%          | 6.120%        |
| 3         | 6.470       | 398           | 401         | 403          | rBV      | 1467128        | 1583137       | 25.62%          | 4.073%        |
| 4         | 6.607       | 410           | 413         | 416          | rBV      | 3517133        | 4021304       | 65.07%          | 10.345%       |
| 5         | 6.847       | 431           | 434         | 436          | rVB      | 1300747        | 1152122       | 18.64%          | 2.964%        |
| 6         | 7.007       | 445           | 448         | 450          | rVB      | 3843453        | 4156151       | 67.25%          | 10.692%       |
| 7         | 7.407       | 480           | 483         | 485          | rBV      | 3256067        | 3418358       | 55.31%          | 8.794%        |
| 8         | 8.127       | 544           | 546         | 549          | rBV      | 1578461        | 1460522       | 23.63%          | 3.757%        |
| 9         | 9.213       | 637           | 641         | 643          | rBV      | 5041311        | 6180013       | 100.00%         | 15.899%       |
| 10        | 9.876       | 697           | 699         | 702          | rVB      | 1384327        | 1618295       | 26.19%          | 4.163%        |
| 11        | 10.665      | 765           | 768         | 771          | rBV      | 2831392        | 3014039       | 48.77%          | 7.754%        |
| 12        | 11.362      | 826           | 829         | 831          | rVB      | 1544077        | 1661228       | 26.88%          | 4.274%        |
| 13        | 12.951      | 965           | 968         | 970          | rVB      | 4725983        | 5275691       | 85.37%          | 13.572%       |
| 14        | 13.991      | 1056          | 1059        | 1061         | rBV      | 1214133        | 1440580       | 23.31%          | 3.706%        |
| 15        | 15.397      | 1179          | 1182        | 1185         | rBV      | 867975         | 1211518       | 19.60%          | 3.117%        |

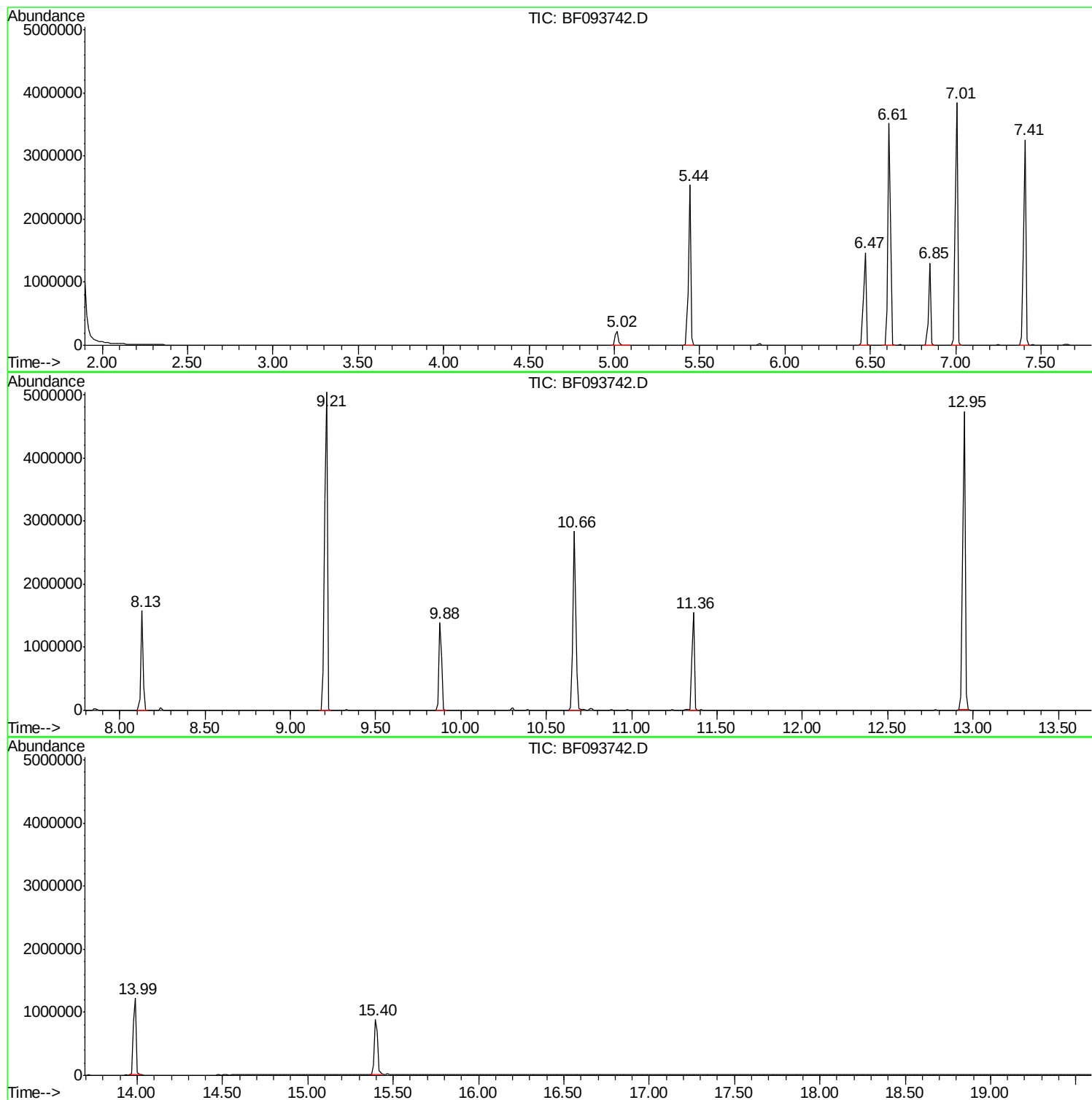
Sum of corrected areas: 38870966

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031817.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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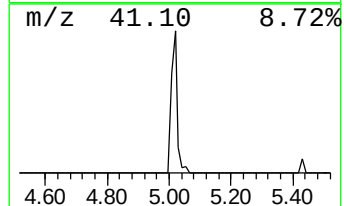
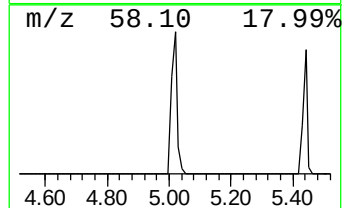
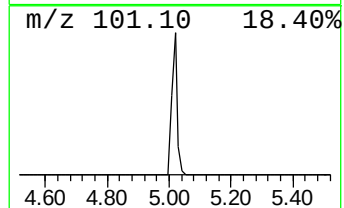
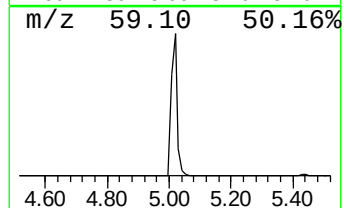
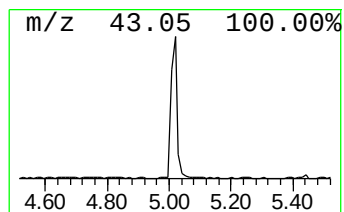
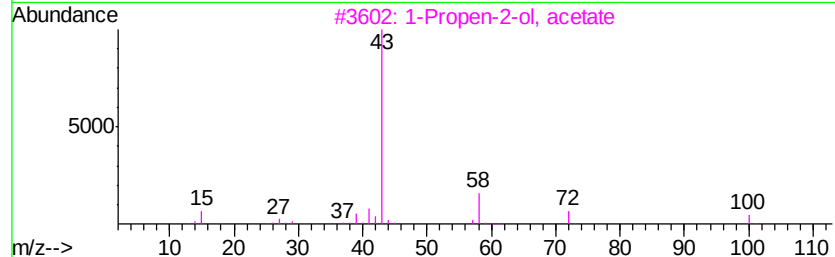
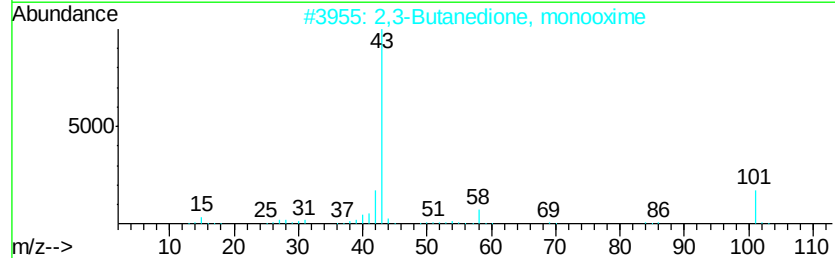
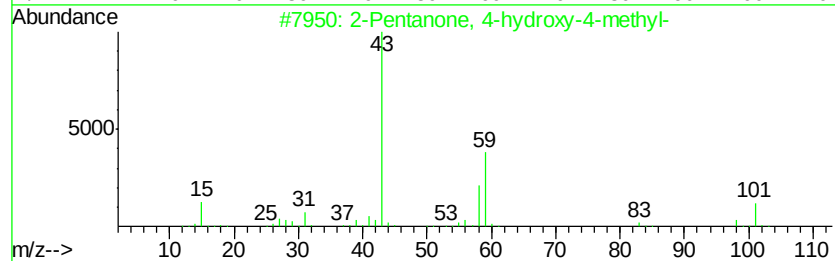
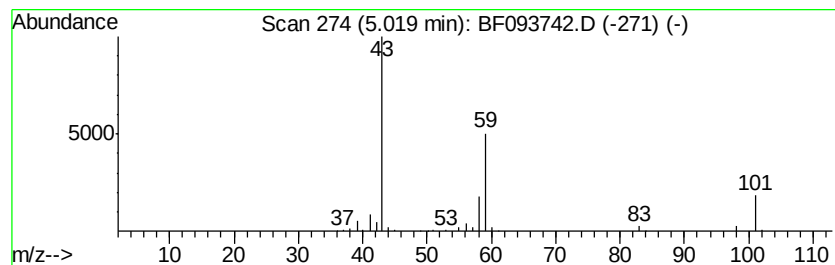
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TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|--------|------------------------|------|
| 5.02 | 5.19 ng | 299158 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of | 5                                | Tentative ID | MW      | MolForm     | CAS# | Qual |
|---------|----------------------------------|--------------|---------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl- | 116          | C6H12O2 | 000123-42-2 | 59   |      |
| 2       | 2,3-Butanedione, monooxime       | 101          | C4H7NO2 | 000057-71-6 | 27   |      |
| 3       | 1-Propen-2-ol, acetate           | 100          | C5H8O2  | 000108-22-5 | 10   |      |
| 4       | 5-Hexen-2-one                    | 98           | C6H10O  | 000109-49-9 | 9    |      |
| 5       | Morpholine, 4-methyl-            | 101          | C5H11NO | 000109-02-4 | 9    |      |



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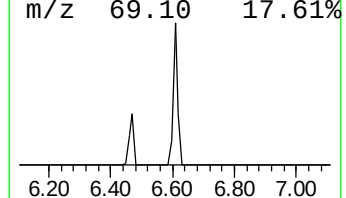
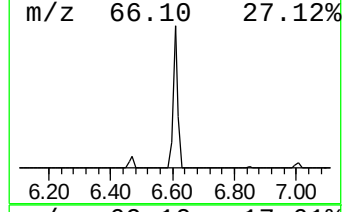
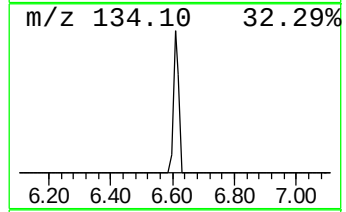
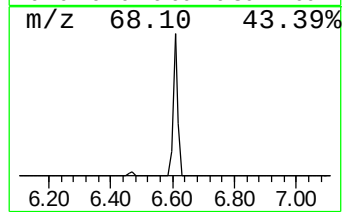
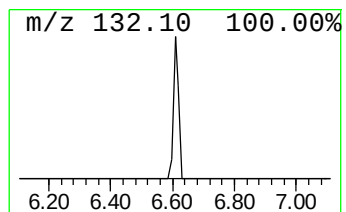
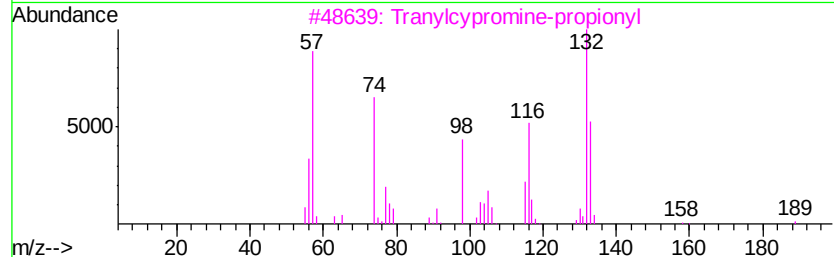
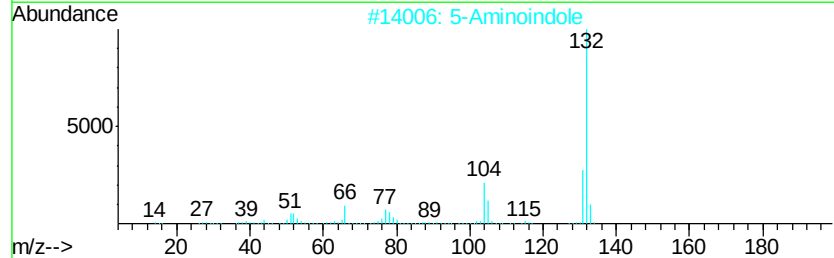
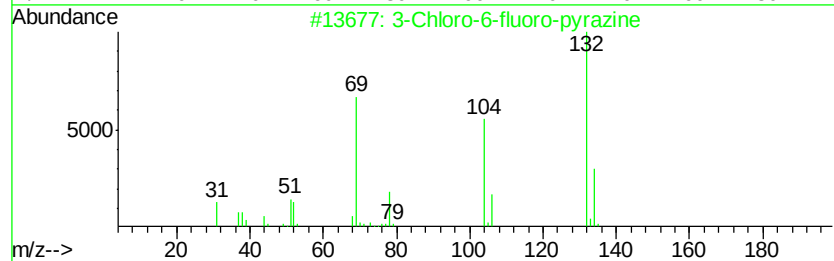
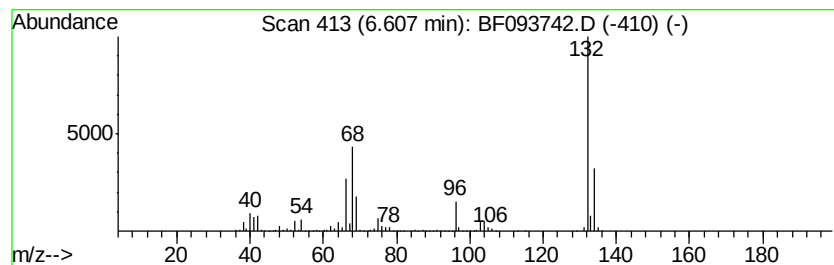
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Peak Number 2 unknown6.61 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.61 | 69.81 ng | 4021300 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    |   | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    |   | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    |   | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |         |      |
|----------------------|------|---------|-------|----------|-------------------------|------|---------|------|
|                      |      |         |       |          | #                       | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.02 | 5.2     | ng    | 299158   | 1                       | 6.85 | 1152120 | 20.0 |
| unknown6.61          | 6.61 | 69.8    | ng    | 4021300  | 1                       | 6.85 | 1152120 | 20.0 |