

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF091516\  
 Data File : BF090084.D  
 Acq On : 15 Sep 2016 11:28  
 Operator : UM/SJ  
 Sample : PB93381BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93381BL

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF091516.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         | 1.690       | 8             | 9           | 32           | rVB      | 408465         | 998551        | 27.87%          | 3.185%        |
| 2         | 4.673       | 267           | 270         | 285          | rBV      | 357570         | 641902        | 17.92%          | 2.047%        |
| 3         | 5.119       | 306           | 309         | 312          | rBV      | 2167858        | 3094574       | 86.38%          | 9.869%        |
| 4         | 6.193       | 400           | 403         | 406          | rBV      | 2155398        | 3188358       | 89.00%          | 10.168%       |
| 5         | 6.319       | 411           | 414         | 416          | rBV      | 2500706        | 3321642       | 92.72%          | 10.593%       |
| 6         | 6.547       | 432           | 434         | 445          | rBV      | 799635         | 793584        | 22.15%          | 2.531%        |
| 7         | 6.707       | 445           | 448         | 450          | rBV      | 2306482        | 2697701       | 75.30%          | 8.604%        |
| 8         | 7.119       | 481           | 484         | 486          | rBV      | 1921241        | 2048614       | 57.18%          | 6.533%        |
| 9         | 7.839       | 544           | 547         | 549          | rBV      | 718646         | 976844        | 27.27%          | 3.115%        |
| 10        | 8.913       | 638           | 641         | 644          | rBV      | 3234769        | 3582544       | 100.00%         | 11.426%       |
| 11        | 9.576       | 696           | 699         | 701          | rBV      | 1401501        | 1231676       | 34.38%          | 3.928%        |
| 12        | 10.011      | 734           | 737         | 742          | rBV      | 29283          | 46942         | 1.31%           | 0.150%        |
| 13        | 10.365      | 765           | 768         | 770          | rBV      | 1582299        | 2047917       | 57.16%          | 6.531%        |
| 14        | 11.051      | 825           | 828         | 830          | rBV      | 909767         | 1156078       | 32.27%          | 3.687%        |
| 15        | 12.628      | 963           | 966         | 969          | rBV      | 2620748        | 3519780       | 98.25%          | 11.225%       |
| 16        | 13.657      | 1053          | 1056        | 1069         | rBV      | 1077133        | 1165739       | 32.54%          | 3.718%        |
| 17        | 14.982      | 1169          | 1172        | 1187         | rBV      | 659065         | 843230        | 23.54%          | 2.689%        |

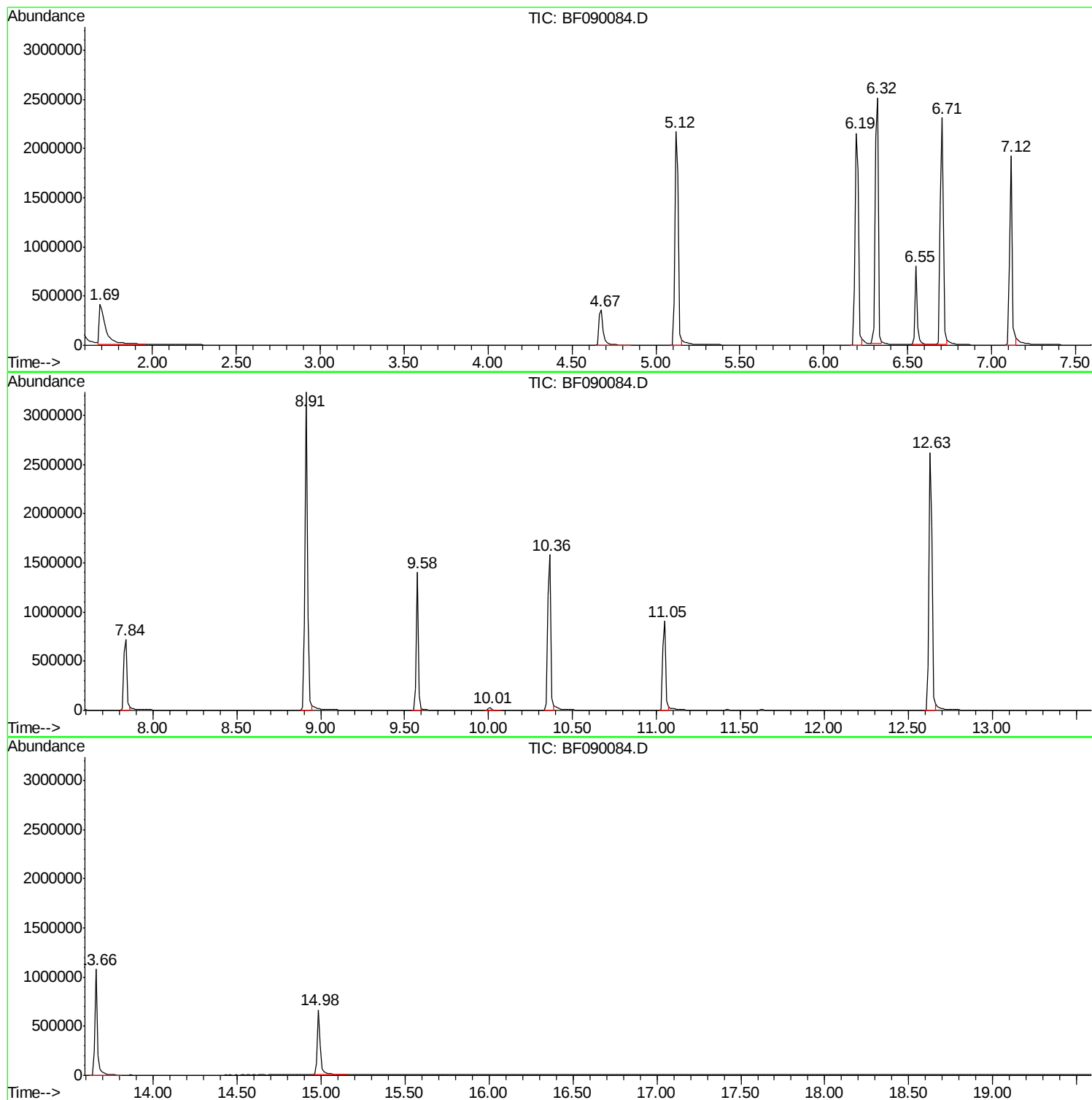
Sum of corrected areas: 31355676

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF091516.M  
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TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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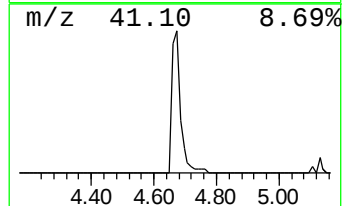
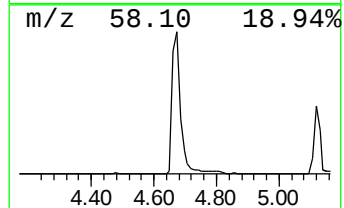
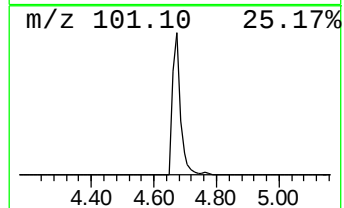
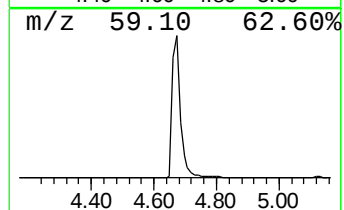
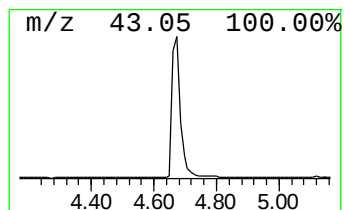
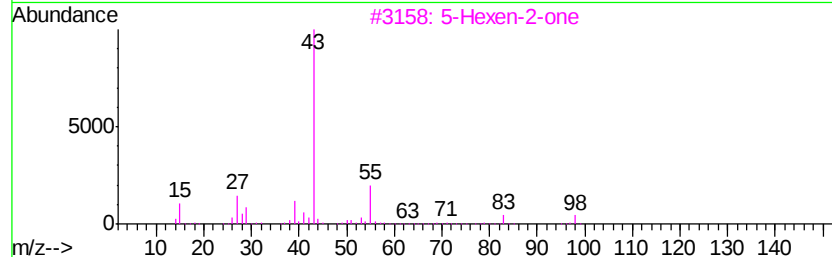
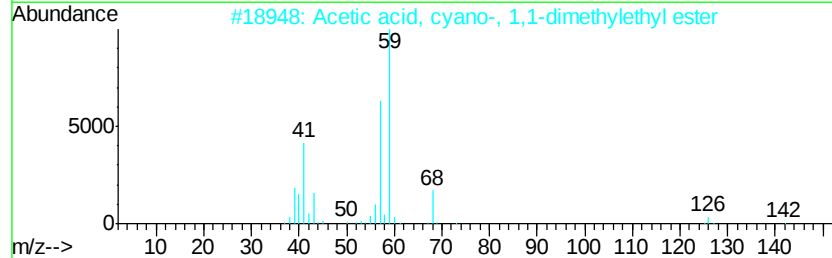
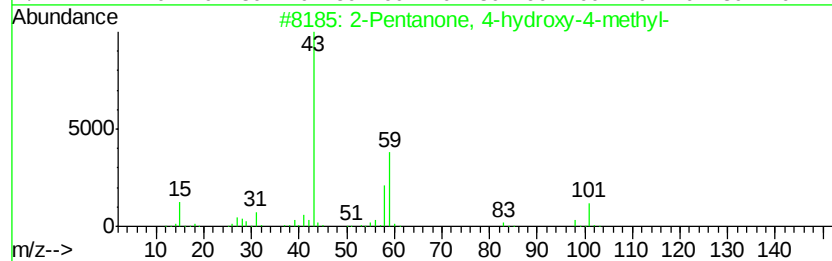
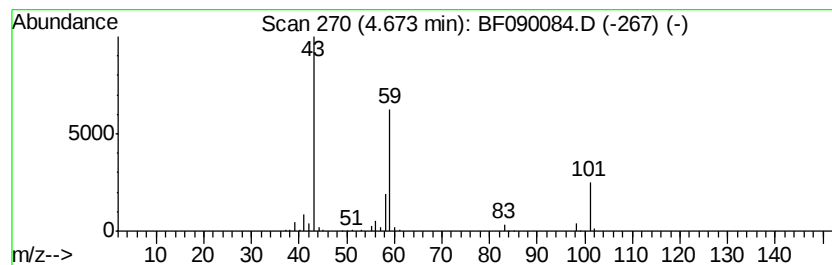
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.67 | 16.18 ng | 641902 | 1,4-Dichlorobenzene-d4 | 6.55 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |    | 5-Hexen-2-one                       | 98  | C6H10O   | 000109-49-9 | 10   |
| 4    |    | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |    | Acetone                             | 58  | C3H6O    | 000067-64-1 | 9    |



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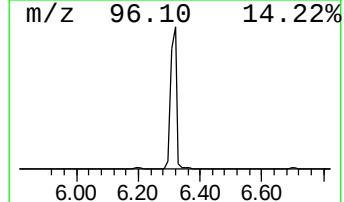
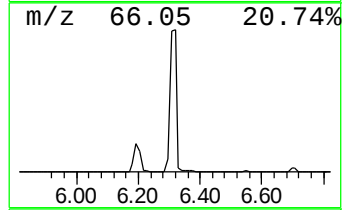
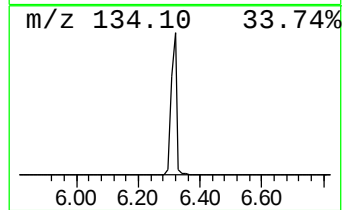
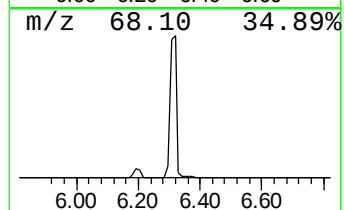
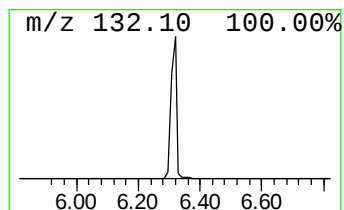
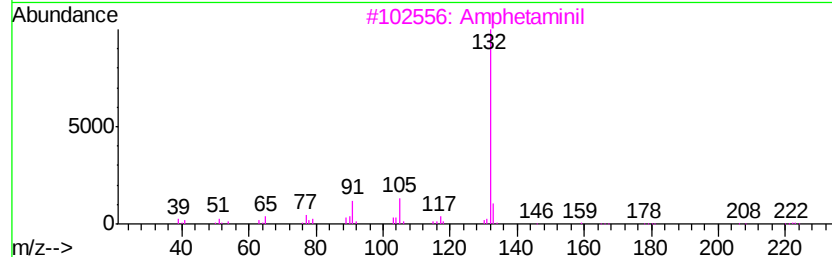
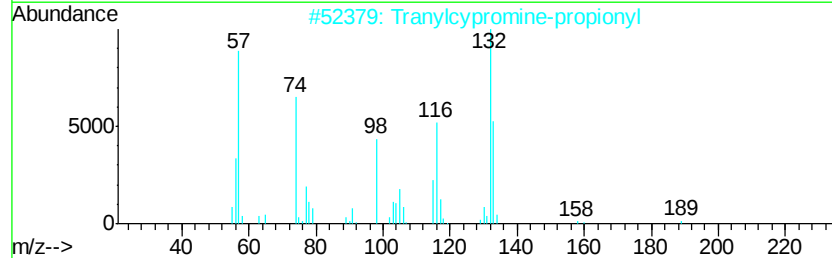
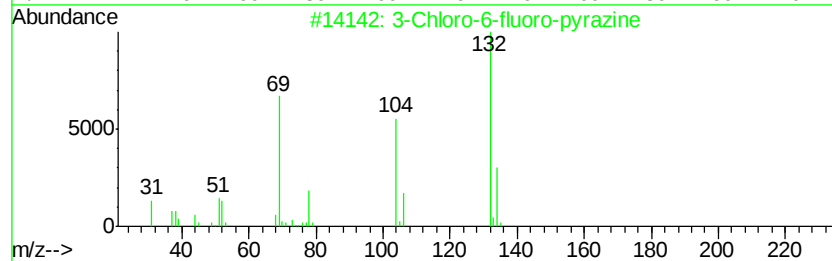
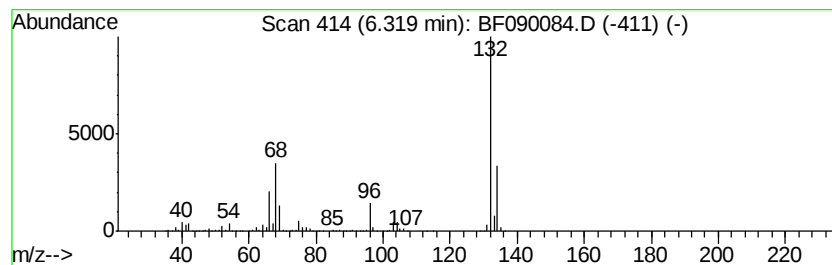
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Peak Number 3 unknown6.32 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.32 | 83.71 ng | 3321640 | 1,4-Dichlorobenzene-d4 | 6.55 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 16   |
| 3    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|----------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                      |      |         |       |          | #                       | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.67 | 16.2    | ng    | 641902   | 1                       | 6.55 | 793584 | 20.0 |
| unknown6.32          | 6.32 | 83.7    | ng    | 3321640  | 1                       | 6.55 | 793584 | 20.0 |