

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF063015\  
 Data File : BF080236.D  
 Acq On : 30 Jun 2015 15:10  
 Operator : TP/IZ  
 Sample : PB84270BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84270BL

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-BF061715.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         | 5.499       | 208           | 211         | 213          | rBV      | 367165         | 383032        | 30.44%          | 5.038%        |
| 2         | 5.899       | 244           | 246         | 248          | rBV      | 436415         | 525706        | 41.78%          | 6.914%        |
| 3         | 6.893       | 330           | 333         | 335          | rBV      | 396036         | 513554        | 40.82%          | 6.754%        |
| 4         | 7.053       | 344           | 347         | 349          | rBV      | 584577         | 558237        | 44.37%          | 7.342%        |
| 5         | 7.282       | 365           | 367         | 369          | rVB      | 226049         | 194863        | 15.49%          | 2.563%        |
| 6         | 7.442       | 379           | 381         | 384          | rVB      | 827779         | 670485        | 53.29%          | 8.818%        |
| 7         | 7.842       | 414           | 416         | 418          | rBV      | 630170         | 510950        | 40.61%          | 6.720%        |
| 8         | 8.573       | 478           | 480         | 483          | rBV      | 318418         | 262842        | 20.89%          | 3.457%        |
| 9         | 9.648       | 572           | 574         | 577          | rBV      | 1072514        | 985887        | 78.36%          | 12.967%       |
| 10        | 10.345      | 633           | 635         | 638          | rVB      | 348536         | 298902        | 23.76%          | 3.931%        |
| 11        | 11.133      | 702           | 704         | 707          | rBV2     | 300140         | 389389        | 30.95%          | 5.121%        |
| 12        | 11.853      | 765           | 767         | 770          | rBV      | 402179         | 333291        | 26.49%          | 4.384%        |
| 13        | 13.568      | 914           | 917         | 920          | rBV      | 1387477        | 1258215       | 100.00%         | 16.548%       |
| 14        | 14.871      | 1028          | 1031        | 1033         | rBV      | 276721         | 361581        | 28.74%          | 4.756%        |
| 15        | 16.768      | 1194          | 1197        | 1201         | rBV      | 240091         | 356326        | 28.32%          | 4.686%        |

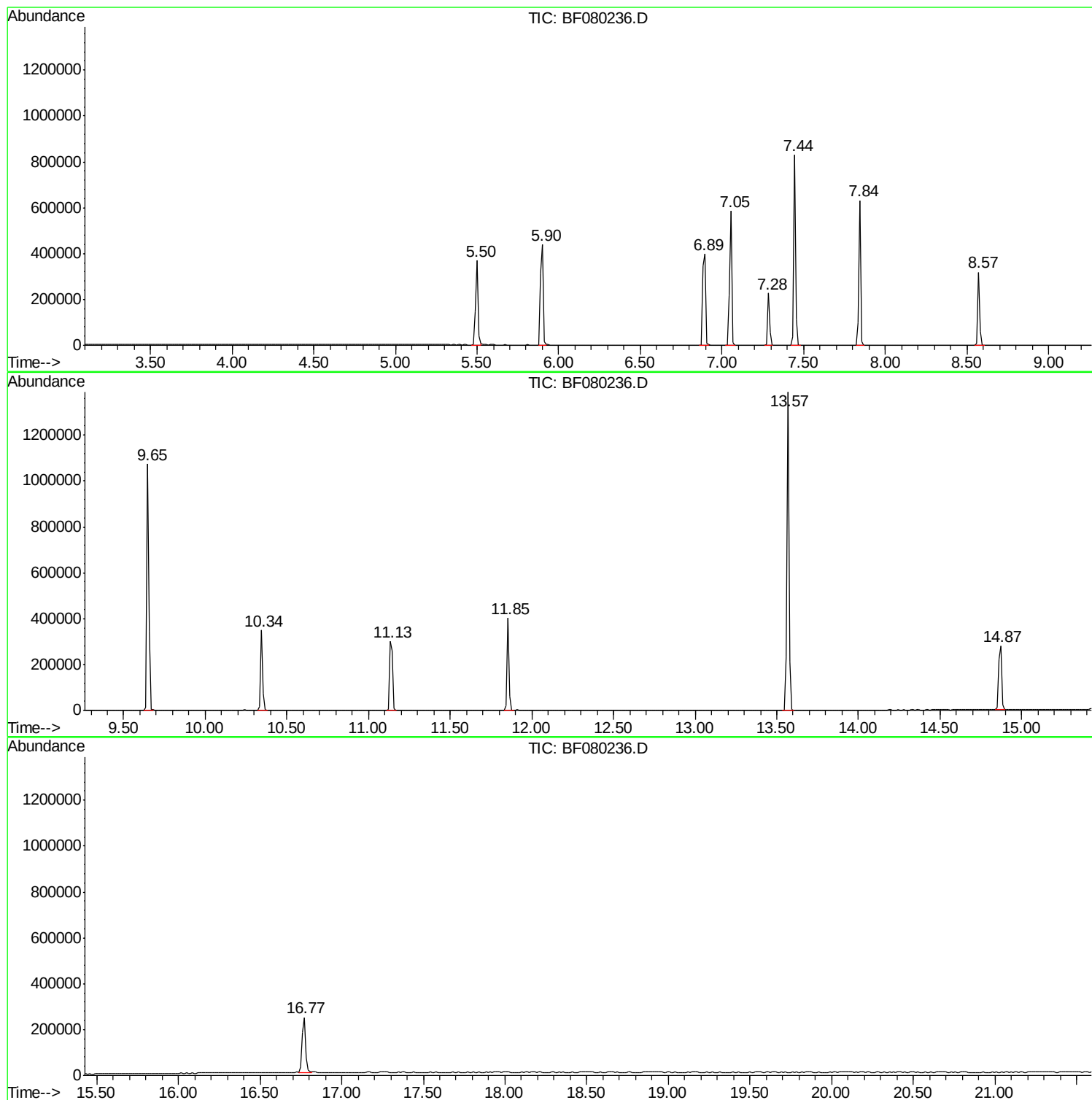
Sum of corrected areas: 7603260

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.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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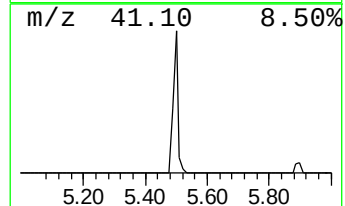
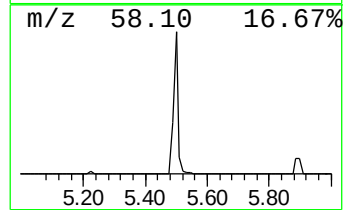
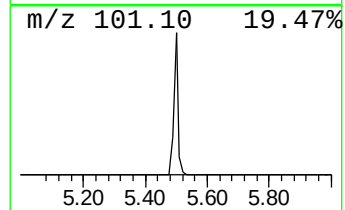
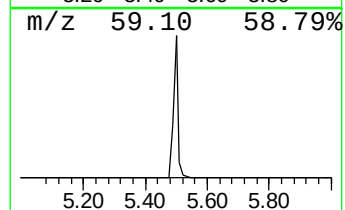
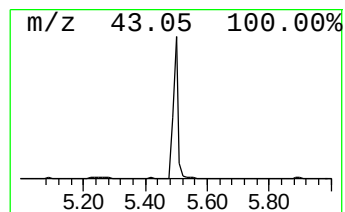
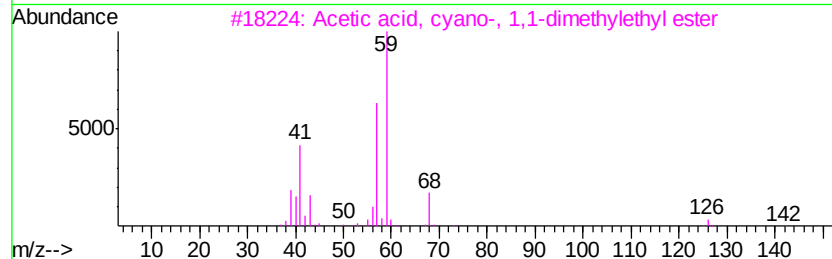
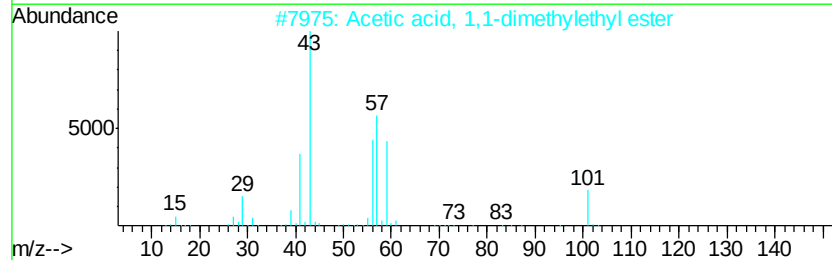
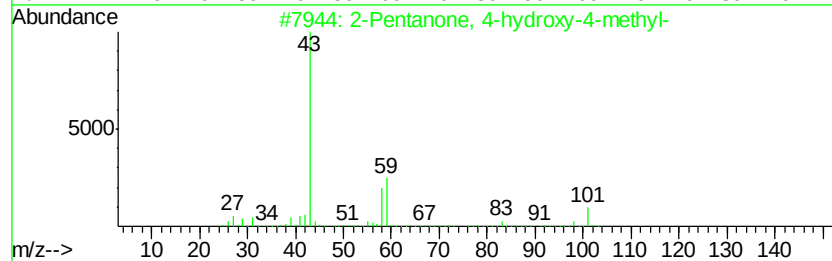
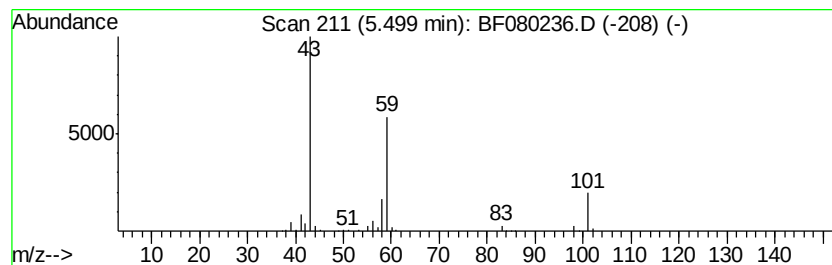
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|--------|------------------------|------|
| 5.50 | 39.31 ng | 383032 | 1,4-Dichlorobenzene-d4 | 7.28 |

| Hit# of | 5                                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|-------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-    | 116          | C6H12O2  | 000123-42-2 | 64   |      |
| 2       | Acetic acid, 1,1-dimethylethyl e... | 116          | C6H12O2  | 000540-88-5 | 39   |      |
| 3       | Acetic acid, cyano-, 1,1-dimethy... | 141          | C7H11NO2 | 001116-98-9 | 23   |      |
| 4       | Morpholine, 4-methyl-               | 101          | C5H11NO  | 000109-02-4 | 9    |      |
| 5       | Acetone                             | 58           | C3H6O    | 000067-64-1 | 9    |      |



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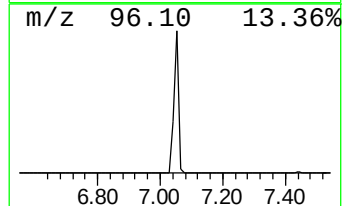
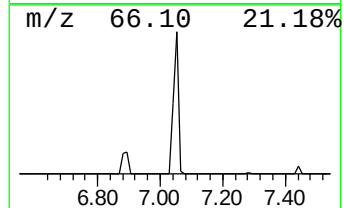
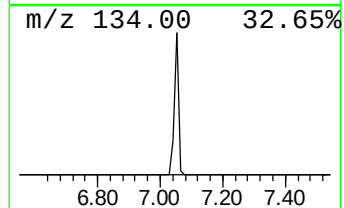
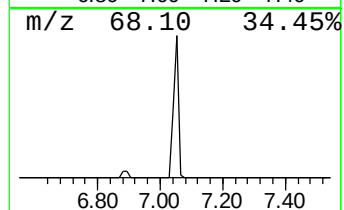
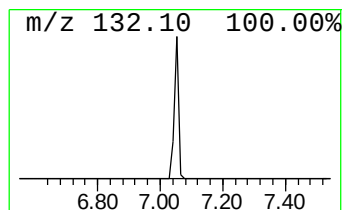
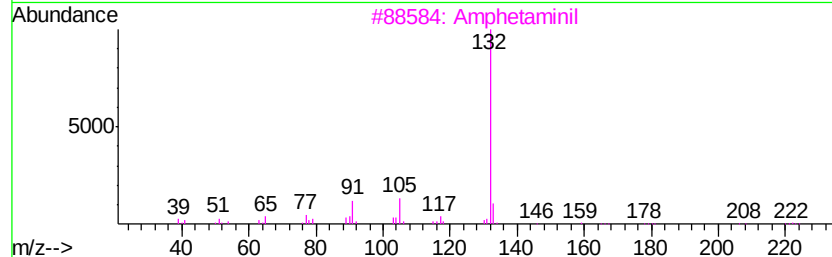
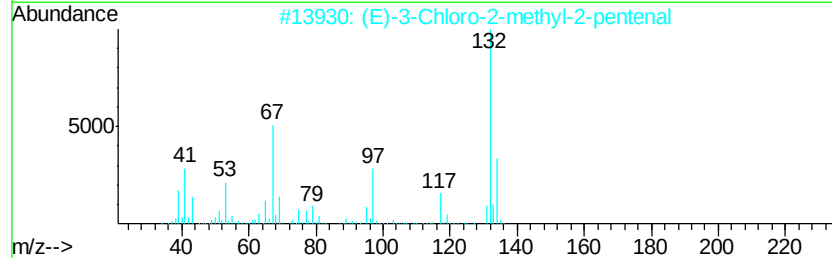
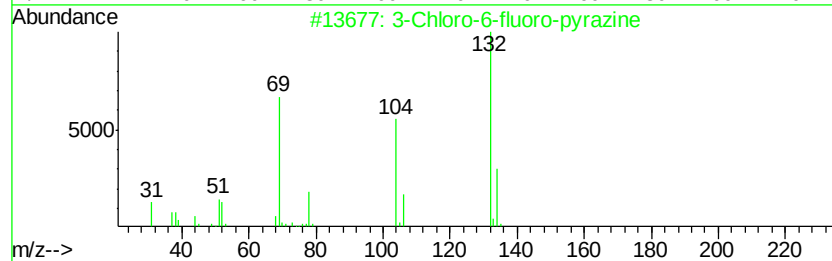
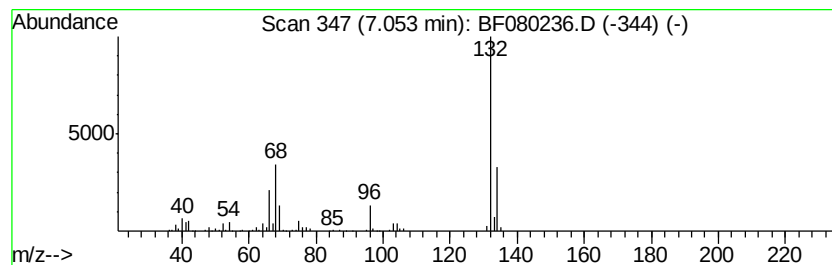
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown7.05 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.05 | 57.30 ng | 558237 | 1,4-Dichlorobenzene-d4 | 7.28 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Amphetaminil                        | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 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... | 5.50 | 39.3    | ng    | 383032   | 1                     | 7.28 | 194863 | 20.0 |
| unknown7.05          | 7.05 | 57.3    | ng    | 558237   | 1                     | 7.28 | 194863 | 20.0 |