

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020316\  
 Data File : BF084790.D  
 Acq On : 3 Feb 2016 17:49  
 Operator : SJ/IZ  
 Sample : PB88149BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88149BL

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-BF020116.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         | 4.156       | 179           | 181         | 187          | rVB      | 35661          | 59647         | 1.20%           | 0.144%        |
| 2         | 4.841       | 238           | 241         | 252          | rBV      | 971568         | 1525649       | 30.79%          | 3.686%        |
| 3         | 5.287       | 277           | 280         | 282          | rBV      | 4201650        | 4320596       | 87.20%          | 10.439%       |
| 4         | 6.339       | 369           | 372         | 374          | rBV      | 4031106        | 4270031       | 86.18%          | 10.317%       |
| 5         | 6.453       | 379           | 382         | 385          | rBV      | 4101675        | 3866595       | 78.04%          | 9.342%        |
| 6         | 6.682       | 400           | 402         | 405          | rVB      | 1291711        | 1148616       | 23.18%          | 2.775%        |
| 7         | 6.842       | 413           | 416         | 418          | rBV      | 3840501        | 3333384       | 67.28%          | 8.054%        |
| 8         | 7.253       | 449           | 452         | 455          | rBV      | 2414572        | 2459602       | 49.64%          | 5.943%        |
| 9         | 7.973       | 512           | 515         | 517          | rBV      | 1741951        | 1613419       | 32.56%          | 3.898%        |
| 10        | 9.059       | 606           | 610         | 612          | rBV      | 3542079        | 4866724       | 98.22%          | 11.758%       |
| 11        | 9.722       | 665           | 668         | 671          | rVB      | 1867325        | 1713909       | 34.59%          | 4.141%        |
| 12        | 10.511      | 734           | 737         | 739          | rBV      | 3159153        | 2997122       | 60.49%          | 7.241%        |
| 13        | 11.196      | 795           | 797         | 800          | rBV      | 1243854        | 1656749       | 33.44%          | 4.003%        |
| 14        | 12.796      | 934           | 937         | 939          | rBV      | 3693466        | 4954685       | 100.00%         | 11.971%       |
| 15        | 13.825      | 1025          | 1027        | 1030         | rBV      | 1111486        | 1529234       | 30.86%          | 3.695%        |
| 16        | 15.208      | 1145          | 1148        | 1151         | rBV      | 922958         | 1073772       | 21.67%          | 2.594%        |

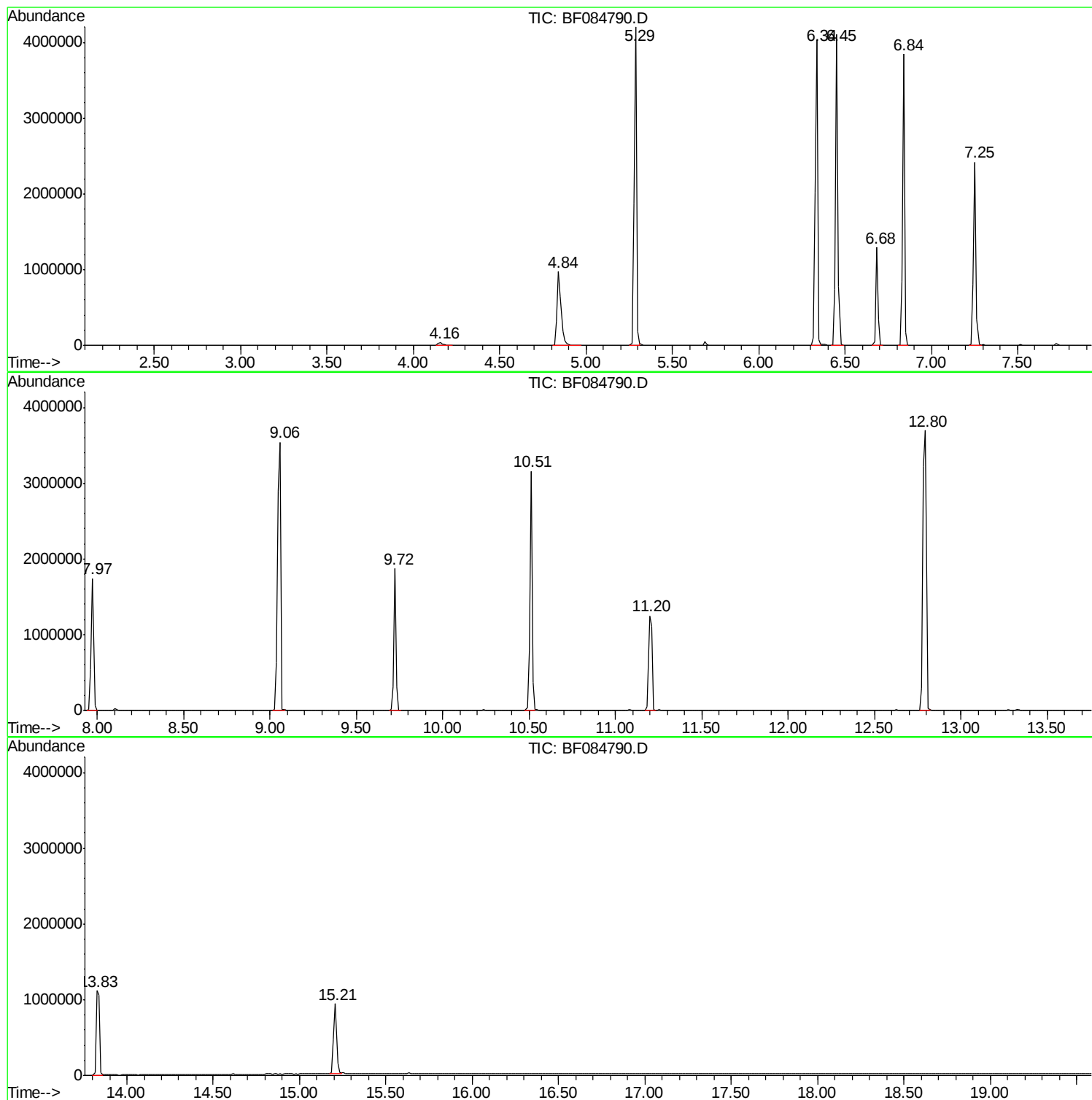
Sum of corrected areas: 41389734

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.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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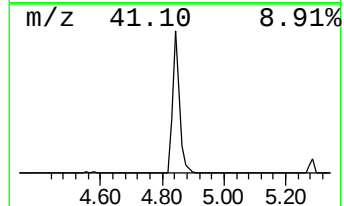
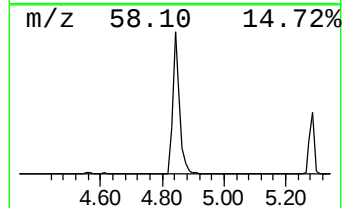
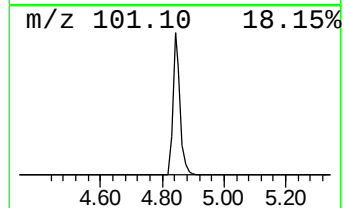
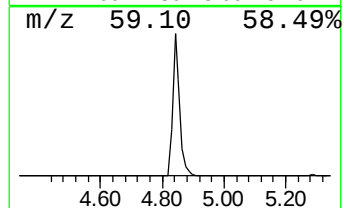
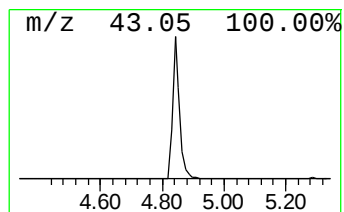
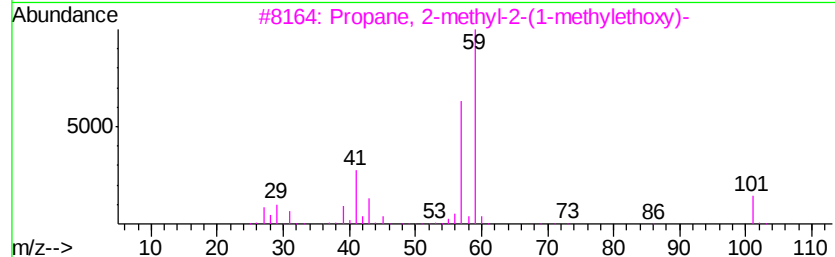
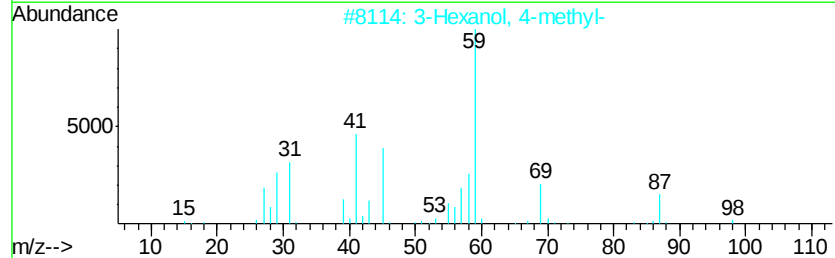
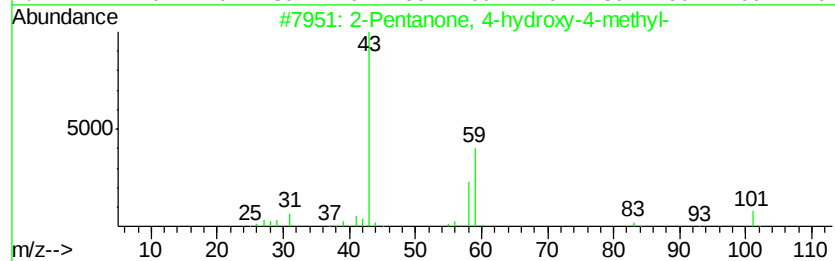
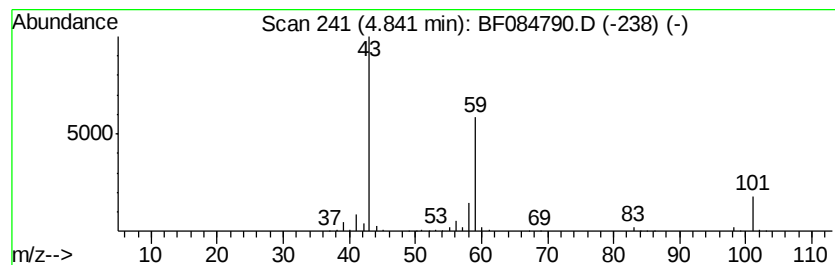
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|---------|------------------------|------|
| 4.84 | 26.57 ng | 1525650 | 1,4-Dichlorobenzene-d4 | 6.68 |

| Hit# of | 5                                    | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|--------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-     | 116          | C6H12O2  | 000123-42-2 | 50   |      |
| 2       | 3-Hexanol, 4-methyl-                 | 116          | C7H16O   | 000615-29-2 | 33   |      |
| 3       | Propane, 2-methyl-2-(1-methylethyl)- | 116          | C7H16O   | 017348-59-3 | 33   |      |
| 4       | Acetic acid, cyano-, 1,1-dimethyl-   | 141          | C7H11NO2 | 001116-98-9 | 23   |      |
| 5       | 2,3-Butanedione, monooxime           | 101          | C4H7NO2  | 000057-71-6 | 9    |      |



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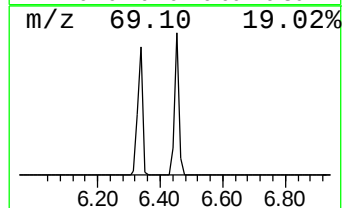
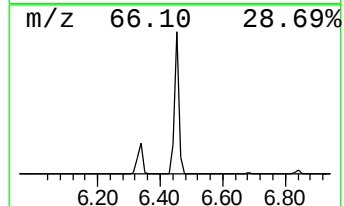
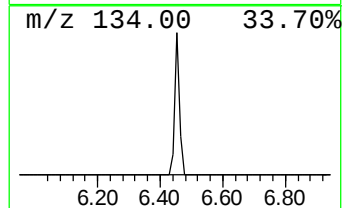
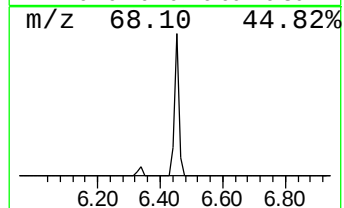
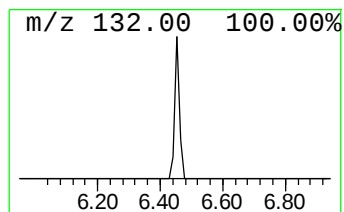
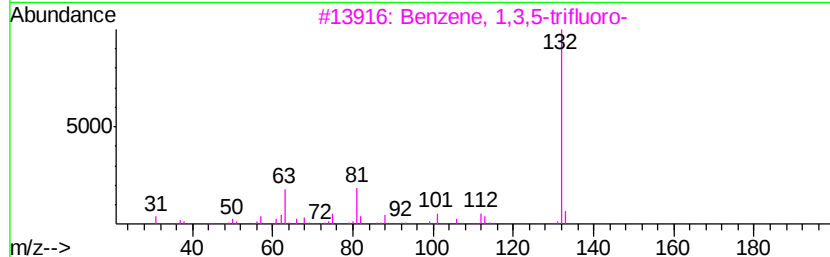
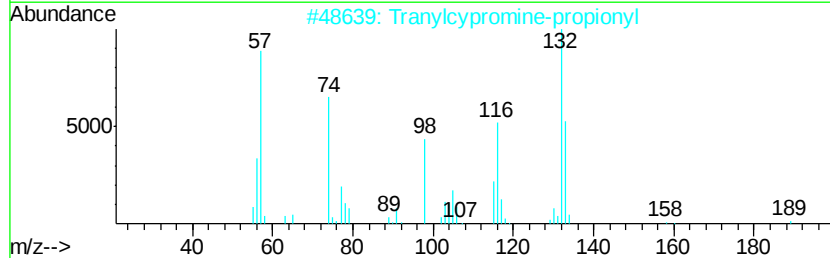
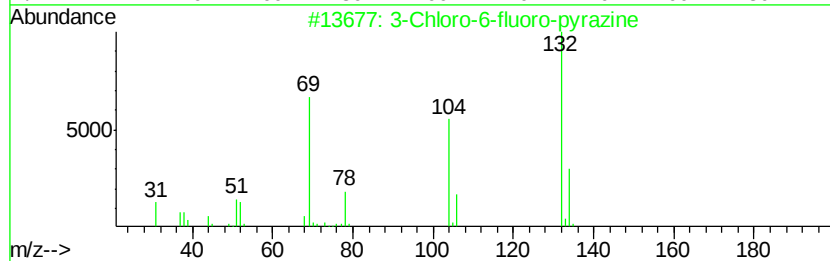
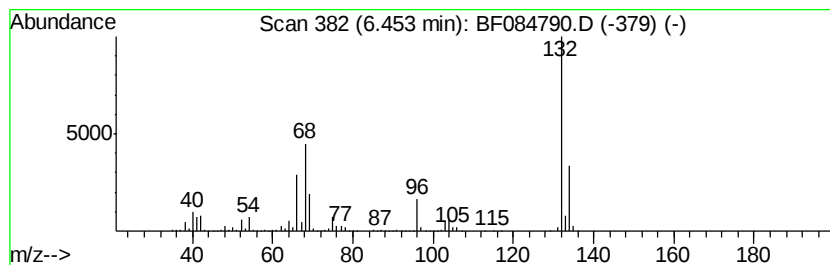
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Peak Number 2 unknown6.45 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.45 | 67.33 ng | 3866600 | 1,4-Dichlorobenzene-d4 | 6.68 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | Benzene, 1,3,5-trifluoro-           | 132 | C6H3F3    | 000372-38-3  | 9    |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.84 | 26.6    | ng    | 1525650  | 1                     | 6.68 | 1148620 | 20.0 |
| unknown6.45          | 6.45 | 67.3    | ng    | 3866600  | 1                     | 6.68 | 1148620 | 20.0 |