

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\  
 Data File : BM010840.D  
 Acq On : 17 Jul 2017 15:36  
 Operator : SJ/JU  
 Sample : PB100669BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB100669BL

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\_M\METHODS\8270-BM071217.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         | 4.634       | 293           | 297         | 308          | rVB      | 383334         | 519113        | 2.08%           | 0.442%        |
| 2         | 5.081       | 367           | 373         | 382          | rBV      | 6736146        | 9180217       | 36.78%          | 7.809%        |
| 3         | 6.640       | 630           | 638         | 651          | rBV      | 6475460        | 9708231       | 38.90%          | 8.258%        |
| 4         | 6.987       | 688           | 697         | 706          | rBV      | 6397056        | 9730619       | 38.99%          | 8.277%        |
| 5         | 7.445       | 766           | 775         | 782          | rVB      | 1183522        | 1837600       | 7.36%           | 1.563%        |
| 6         | 7.757       | 820           | 828         | 838          | rVB      | 4839409        | 7432987       | 29.78%          | 6.323%        |
| 7         | 8.592       | 959           | 970         | 978          | rBV      | 3849460        | 6243896       | 25.02%          | 5.311%        |
| 8         | 10.204      | 1237          | 1244        | 1255         | rVB      | 1507455        | 2471389       | 9.90%           | 2.102%        |
| 9         | 12.710      | 1662          | 1670        | 1681         | rBV      | 9944386        | 14635209      | 58.64%          | 12.449%       |
| 10        | 14.092      | 1899          | 1905        | 1913         | rVB2     | 2272531        | 3443622       | 13.80%          | 2.929%        |
| 11        | 15.598      | 2153          | 2161        | 2176         | rBV      | 9332043        | 13135605      | 52.63%          | 11.173%       |
| 12        | 16.851      | 2365          | 2374        | 2384         | rBV2     | 3250351        | 4533292       | 18.16%          | 3.856%        |
| 13        | 19.509      | 2820          | 2826        | 2834         | rBV      | 20561866       | 24957925      | 100.00%         | 21.230%       |
| 14        | 21.062      | 3085          | 3090        | 3099         | rBV      | 4425696        | 5405280       | 21.66%          | 4.598%        |
| 15        | 23.197      | 3446          | 3453        | 3460         | rVB      | 2503271        | 4326013       | 17.33%          | 3.680%        |

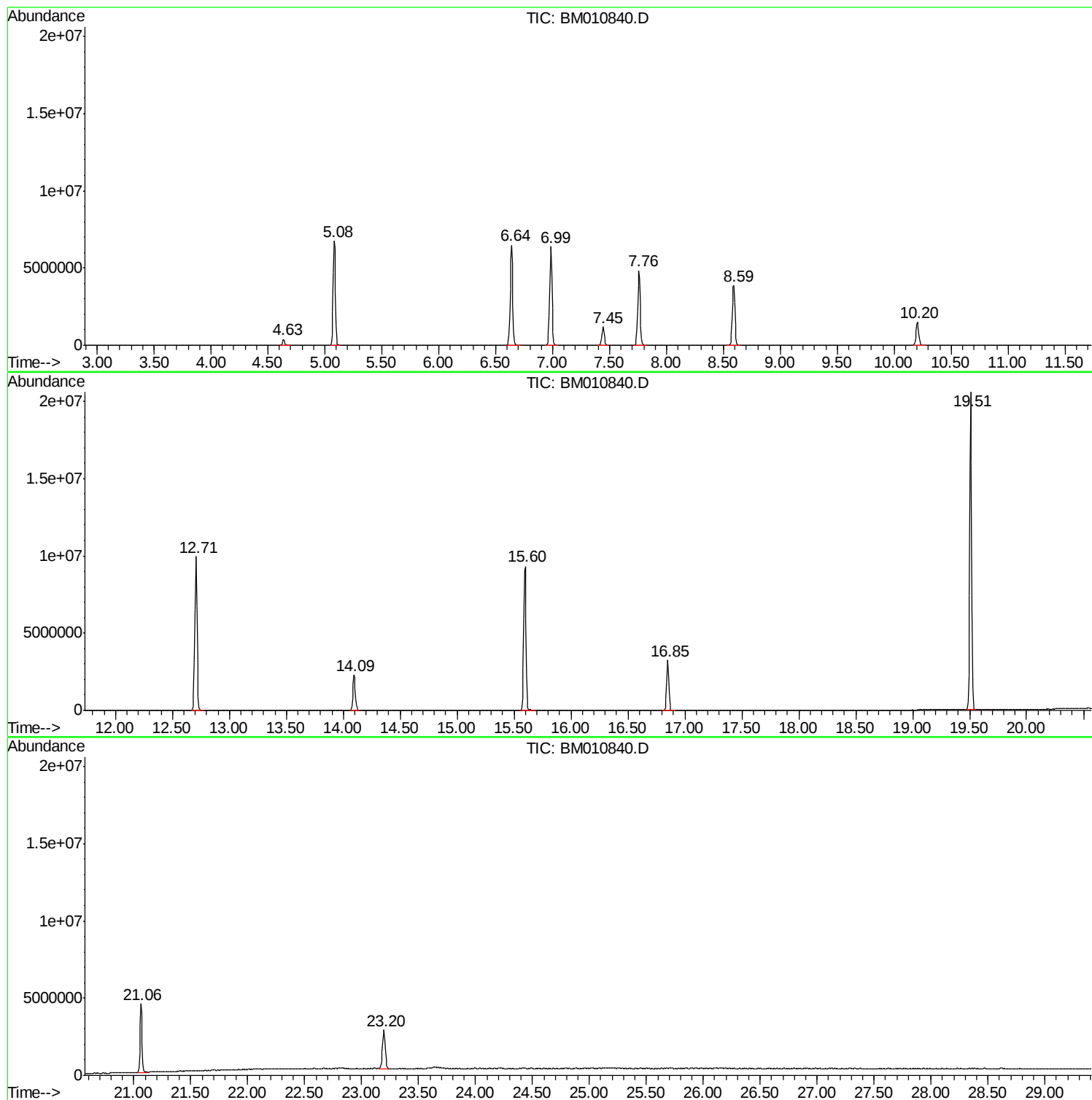
Sum of corrected areas: 117560998

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.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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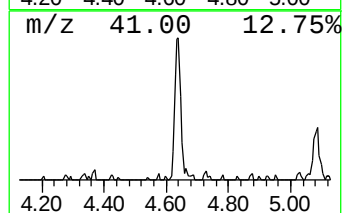
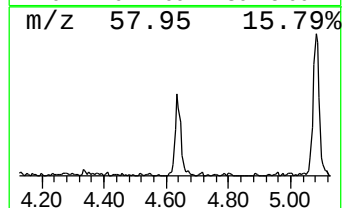
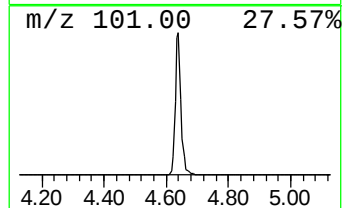
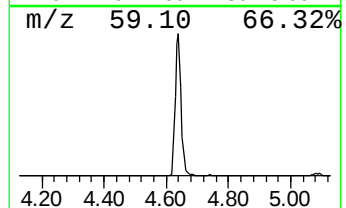
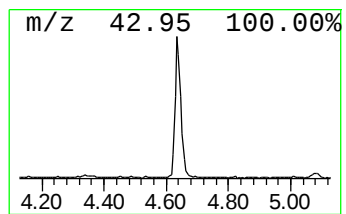
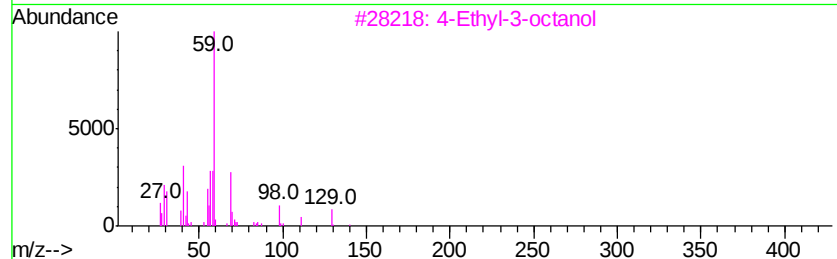
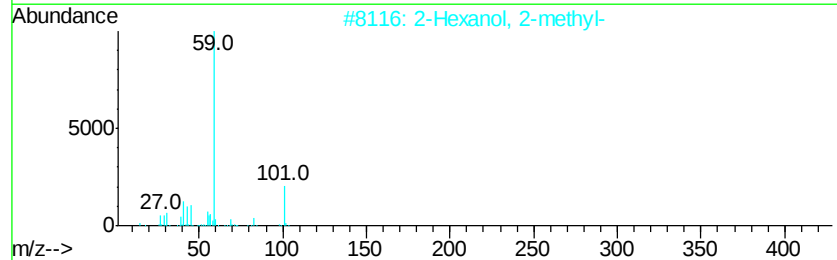
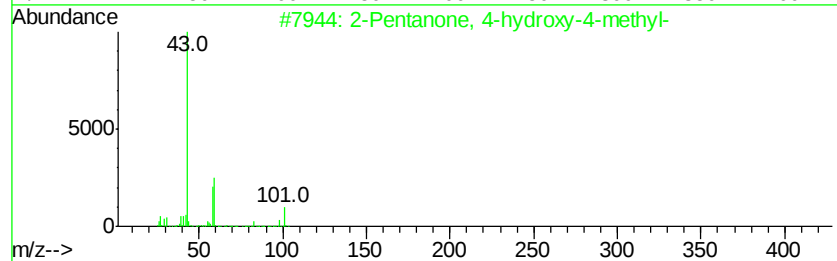
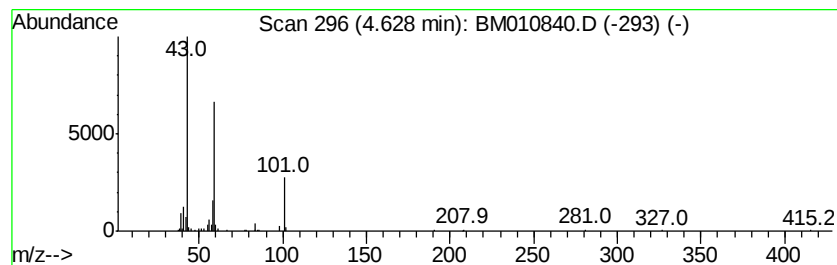
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TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|--------|------------------------|------|
| 4.63 | 5.65 ng | 519113 | 1,4-Dichlorobenzene-d4 | 7.44 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64   |
| 2    |      | 2-Hexanol, 2-methyl-             | 116 | C7H16O  | 000625-23-0 | 28   |
| 3    |      | 4-Ethyl-3-octanol                | 158 | C10H22O | 019781-26-1 | 25   |
| 4    |      | Butyl aldoxime, 3-methyl-, syn-  | 101 | C5H11NO | 005780-40-5 | 17   |
| 5    |      | 1-Propanol, 2,2'-oxybis-         | 134 | C6H14O3 | 000108-61-2 | 12   |



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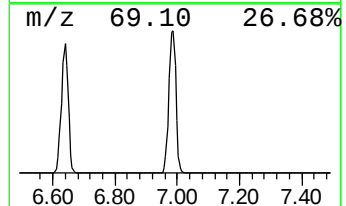
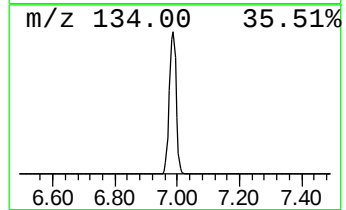
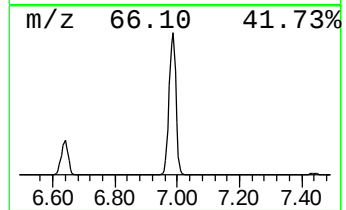
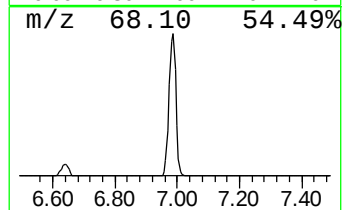
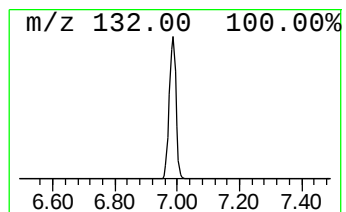
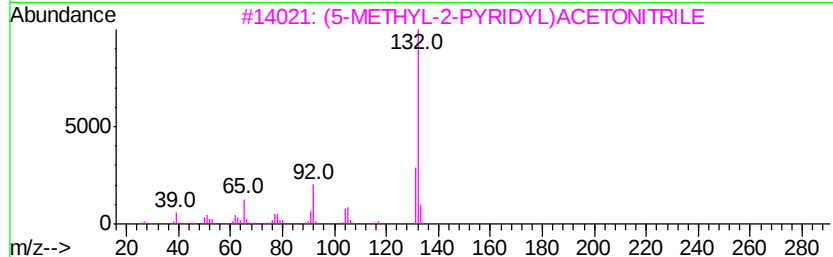
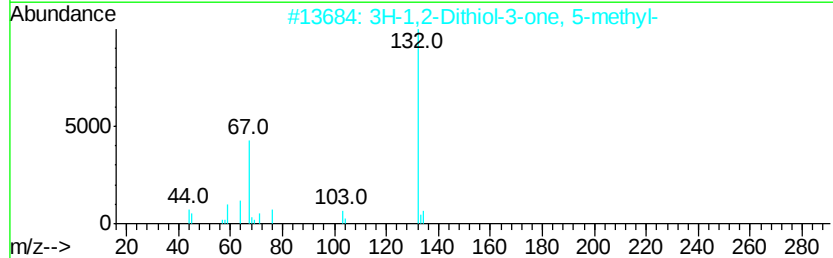
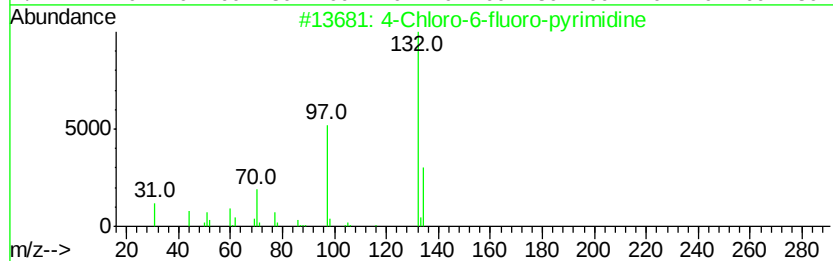
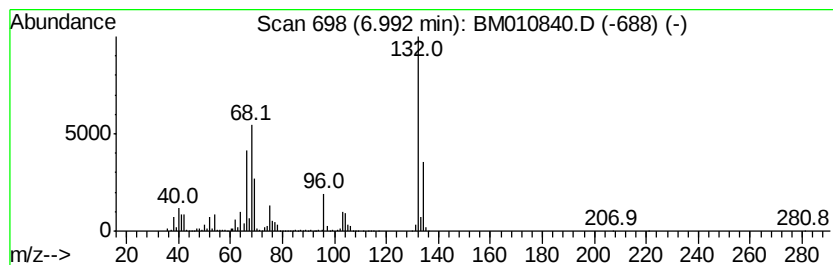
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Peak Number 2 unknown6.99 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 6.99 | 105.91 ng | 9730620 | 1,4-Dichlorobenzene-d4 | 7.44 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 14   |
| 2    |    | 3H-1,2-Dithiol-3-one, 5-methyl-  | 132 | C4H4OS2   | 003620-08-4  | 14   |
| 3    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12    | 002039-90-9  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.63 | 5.7     | ng    | 519113   | 1                     | 7.44 | 1837600 | 20.0 |
| unknown6.99          | 6.99 | 105.9   | ng    | 9730620  | 1                     | 7.44 | 1837600 | 20.0 |