

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\  
Data File : BM017875.D  
Acq On : 02 Dec 2018 02:58  
Operator : JU/SJ  
Sample : PB115173BL  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB115173BL

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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM111218.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         | 4.763       | 297           | 302         | 312          | rBV      | 149880         | 213877        | 1.84%           | 0.387%        |
| 2         | 5.210       | 372           | 378         | 394          | rBV      | 2448302        | 3483065       | 29.95%          | 6.295%        |
| 3         | 6.769       | 636           | 643         | 659          | rBV      | 2247897        | 3716310       | 31.95%          | 6.717%        |
| 4         | 7.122       | 696           | 703         | 714          | rBV      | 2500430        | 3910955       | 33.63%          | 7.069%        |
| 5         | 7.581       | 774           | 781         | 791          | rBV      | 736112         | 1121714       | 9.64%           | 2.027%        |
| 6         | 7.898       | 827           | 835         | 847          | rBV      | 2696668        | 4415069       | 37.96%          | 7.980%        |
| 7         | 8.739       | 970           | 978         | 995          | rBV      | 1946463        | 3418880       | 29.40%          | 6.179%        |
| 8         | 10.351      | 1245          | 1252        | 1268         | rBV      | 838016         | 1588613       | 13.66%          | 2.871%        |
| 9         | 12.839      | 1668          | 1675        | 1702         | rBV      | 5496854        | 8430402       | 72.49%          | 15.237%       |
| 10        | 14.227      | 1905          | 1911        | 1926         | rBV2     | 1286553        | 2120779       | 18.24%          | 3.833%        |
| 11        | 15.727      | 2160          | 2166        | 2183         | rBV      | 2523320        | 4042018       | 34.75%          | 7.306%        |
| 12        | 16.986      | 2373          | 2380        | 2399         | rBV      | 1598383        | 2493393       | 21.44%          | 4.507%        |
| 13        | 19.633      | 2824          | 2830        | 2843         | rBV      | 9829788        | 11630108      | 100.00%         | 21.021%       |
| 14        | 21.192      | 3090          | 3095        | 3105         | rBV      | 1865846        | 2588126       | 22.25%          | 4.678%        |
| 15        | 23.368      | 3459          | 3465        | 3482         | rVB      | 1076956        | 2153893       | 18.52%          | 3.893%        |

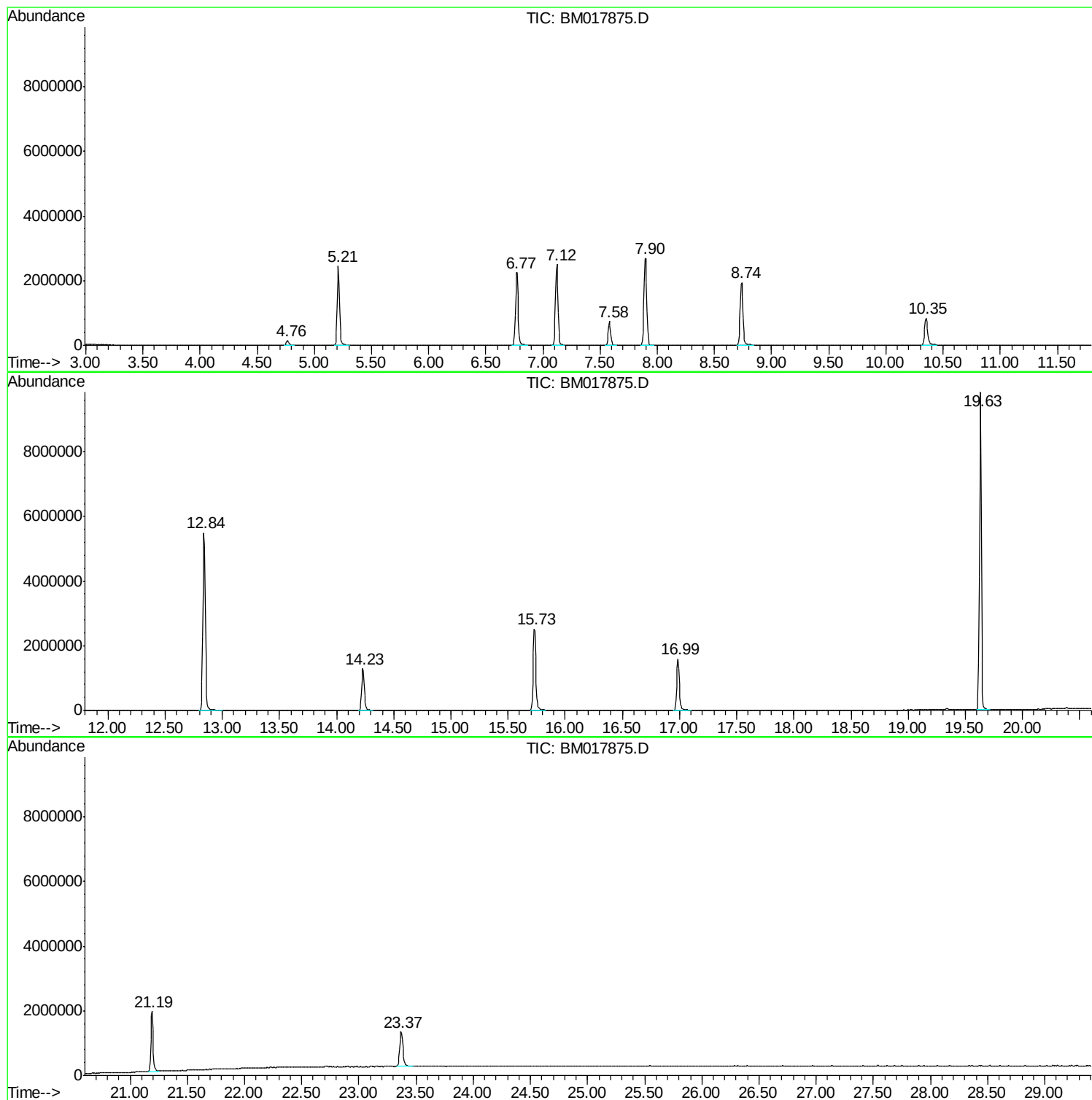
Sum of corrected areas: 55327202

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.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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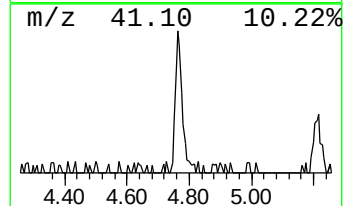
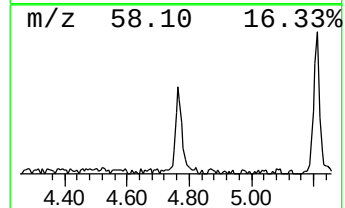
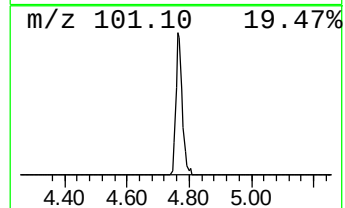
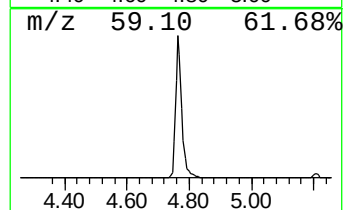
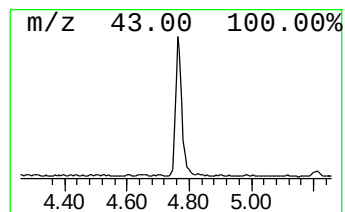
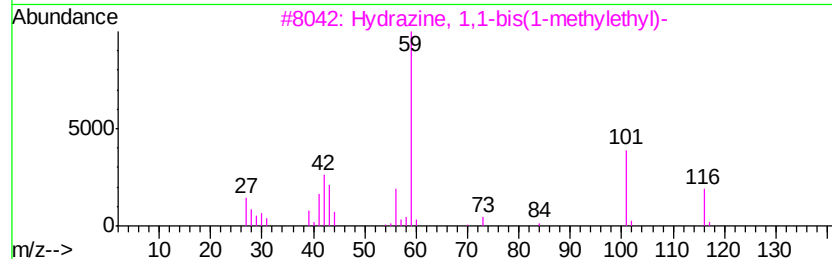
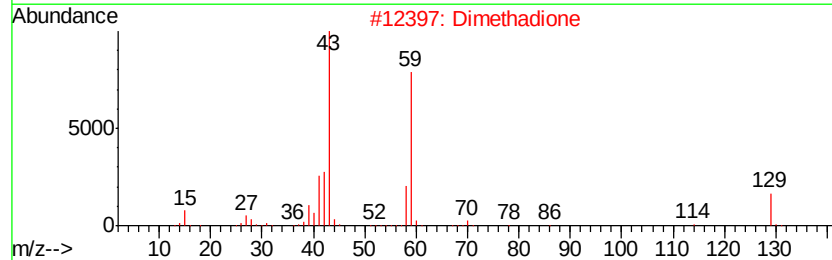
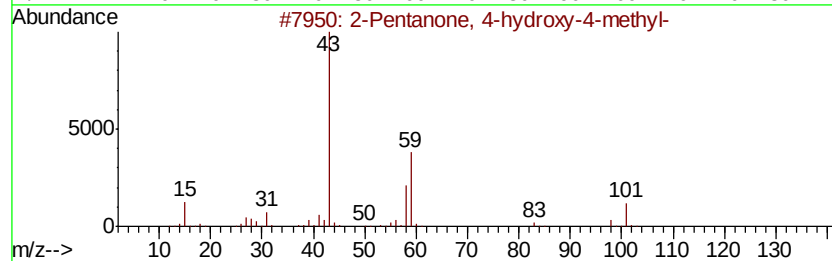
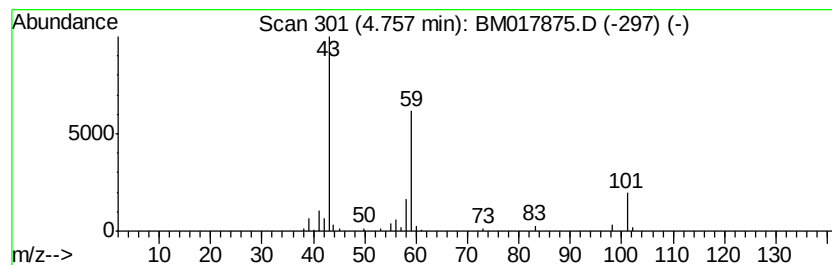
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|--------|------------------------|------|
| 4.76 | 3.81 ng | 213877 | 1,4-Dichlorobenzene-d4 | 7.58 |

| Hit# of | 5                                  | Tentative ID | MW      | MolForm | CAS#        | Qual |
|---------|------------------------------------|--------------|---------|---------|-------------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-   | 116          | C6H12O2 |         | 000123-42-2 | 56   |
| 2       | Dimethadione                       | 129          | C5H7NO3 |         | 000695-53-4 | 33   |
| 3       | Hydrazine, 1,1-bis(1-methylethyl)- | 116          | C6H16N2 |         | 000921-14-2 | 33   |
| 4       | 2,3-Butanedione, monooxime         | 101          | C4H7NO2 |         | 000057-71-6 | 25   |
| 5       | Butyl aldoxime, 3-methyl-, syn-    | 101          | C5H11NO |         | 005780-40-5 | 17   |



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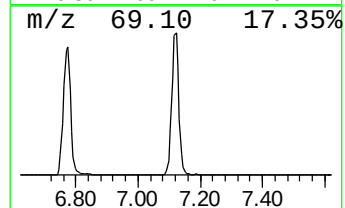
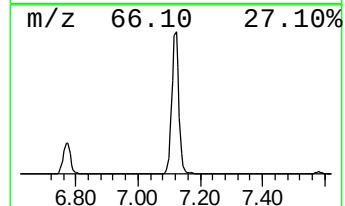
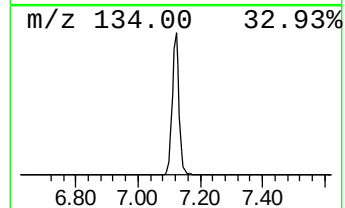
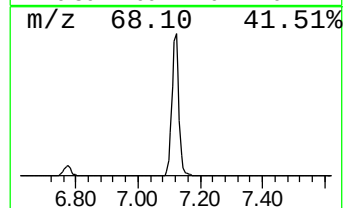
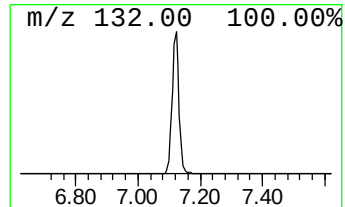
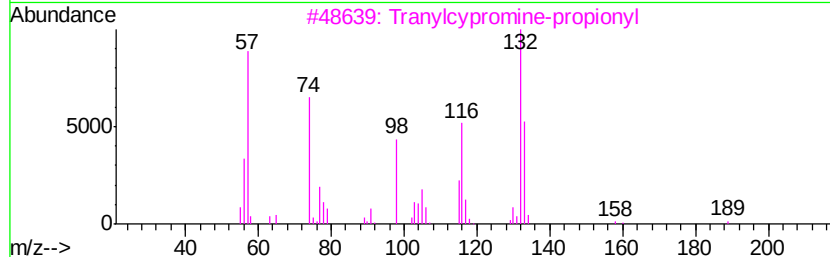
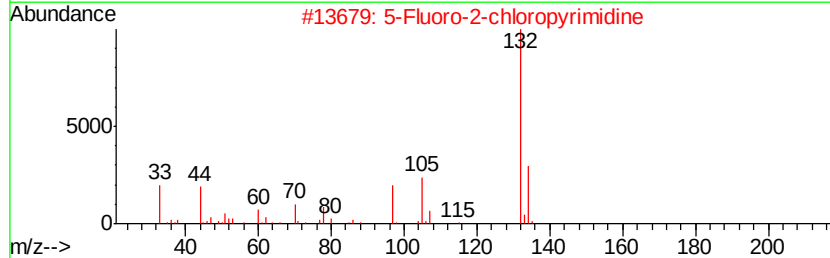
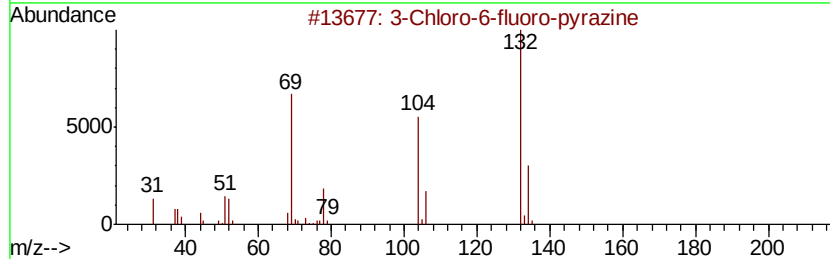
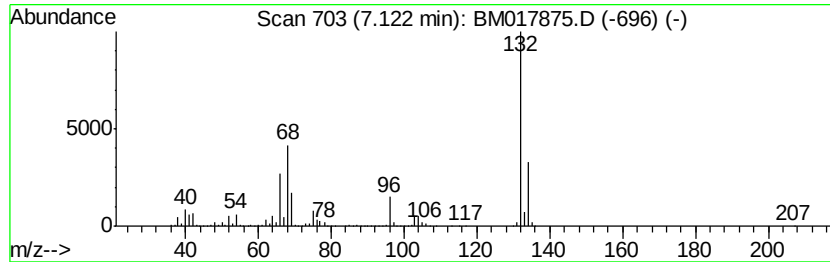
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown7.12 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.12 | 69.73 ng | 3910960 | 1,4-Dichlorobenzene-d4 | 7.58 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | Tranvlcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE    | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |         |      |
|----------------------|------|---------|-------|----------|-------------------------|------|---------|------|
|                      |      |         |       |          | #                       | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.76 | 3.8     | ng    | 213877   | 1                       | 7.58 | 1121710 | 20.0 |
| unknown7.12          | 7.12 | 69.7    | ng    | 3910960  | 1                       | 7.58 | 1121710 | 20.0 |