

Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\  
 Data File : BM009483.D  
 Acq On : 31 Mar 2017 20:46  
 Operator : SJ/MA  
 Sample : I2462-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WELL-A

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-BM032217.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         | 4.970       | 316           | 320         | 327          | rBV      | 93396          | 132130        | 1.54%           | 0.315%        |
| 2         | 5.422       | 389           | 397         | 405          | rBV      | 1231154        | 1804179       | 21.07%          | 4.297%        |
| 3         | 7.005       | 659           | 666         | 677          | rBV      | 675628         | 1064443       | 12.43%          | 2.535%        |
| 4         | 7.375       | 719           | 729         | 739          | rBV      | 2427187        | 3788763       | 44.26%          | 9.024%        |
| 5         | 7.846       | 803           | 809         | 818          | rVB      | 475511         | 755784        | 8.83%           | 1.800%        |
| 6         | 8.163       | 856           | 863         | 872          | rBV      | 2309557        | 3765418       | 43.98%          | 8.968%        |
| 7         | 9.010       | 999           | 1007        | 1018         | rBV      | 2014095        | 3303263       | 38.58%          | 7.868%        |
| 8         | 10.646      | 1278          | 1285        | 1291         | rBV      | 576371         | 961713        | 11.23%          | 2.291%        |
| 9         | 13.104      | 1696          | 1703        | 1710         | rBV      | 4492537        | 6505059       | 75.98%          | 15.494%       |
| 10        | 14.487      | 1933          | 1938        | 1946         | rBV2     | 744891         | 1183201       | 13.82%          | 2.818%        |
| 11        | 15.981      | 2186          | 2192        | 2209         | rBV      | 3508555        | 4760151       | 55.60%          | 11.338%       |
| 12        | 17.239      | 2400          | 2406        | 2414         | rBV2     | 1009454        | 1439049       | 16.81%          | 3.427%        |
| 13        | 19.857      | 2845          | 2851        | 2857         | rBV      | 7198286        | 8561006       | 100.00%         | 20.390%       |
| 14        | 21.416      | 3111          | 3116        | 3123         | rBV      | 1599591        | 2027013       | 23.68%          | 4.828%        |
| 15        | 23.739      | 3504          | 3511        | 3519         | rBV      | 975664         | 1934455       | 22.60%          | 4.607%        |

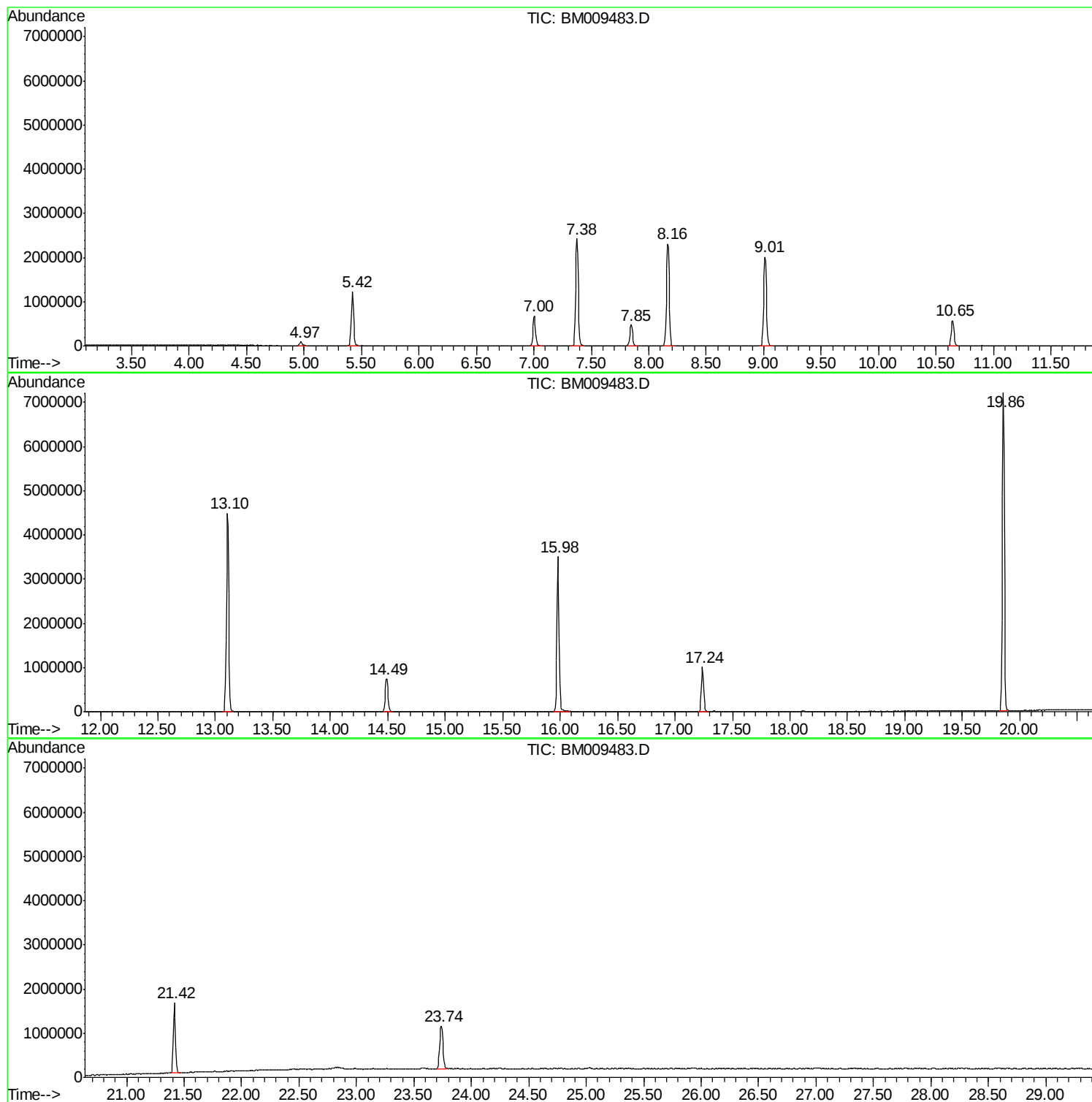
Sum of corrected areas: 41985627

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.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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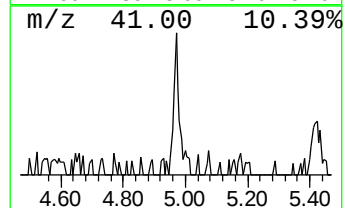
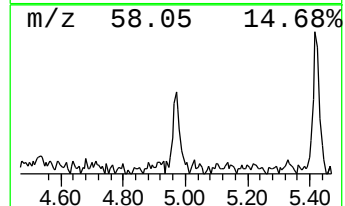
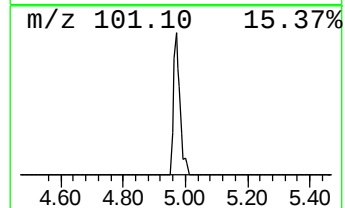
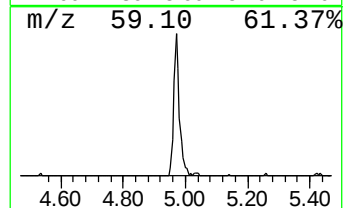
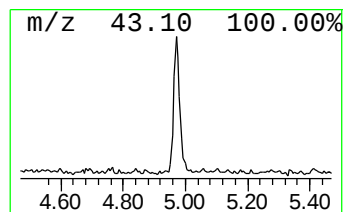
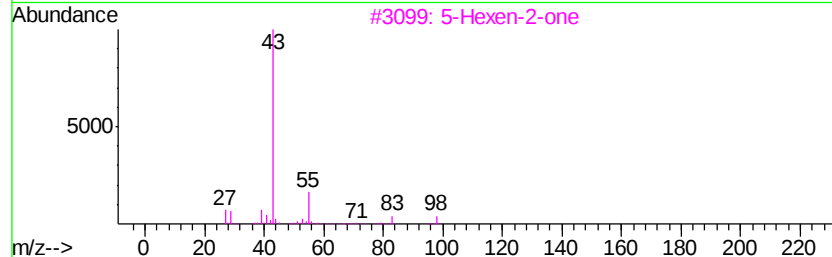
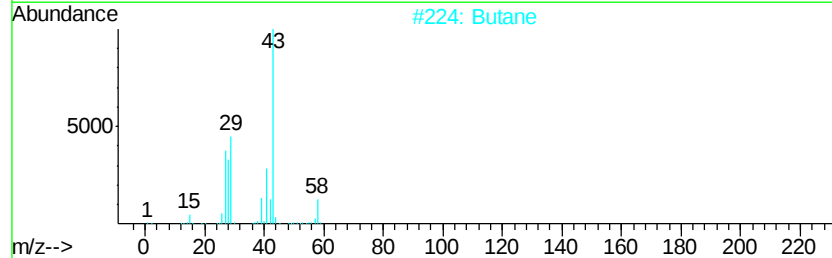
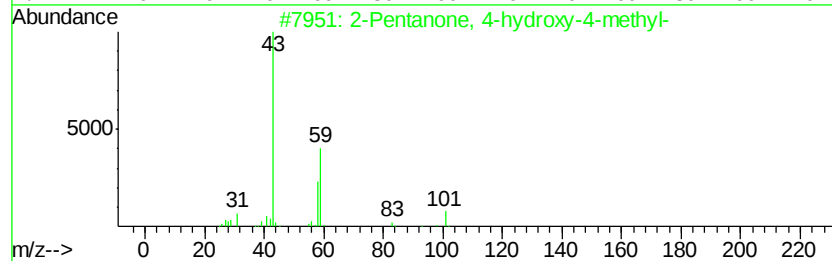
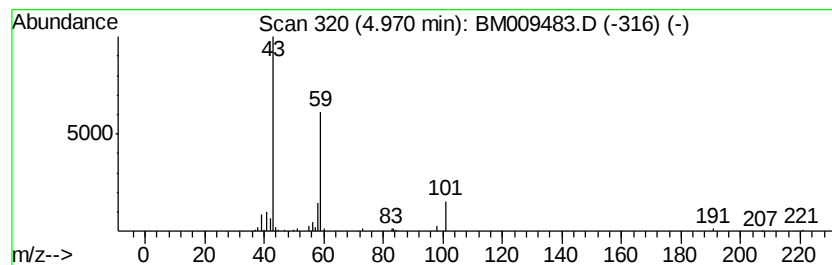
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|--------|------------------------|------|
| 4.97 | 3.50 ng | 132130 | 1,4-Dichlorobenzene-d4 | 7.85 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 45   |
| 2    |      | Butane                              | 58  | C4H10   | 000106-97-8 | 9    |
| 3    |      | 5-Hexen-2-one                       | 98  | C6H10O  | 000109-49-9 | 9    |
| 4    |      | 2-Propanol, 1,1'-[(1-methyl-1,2-... | 192 | C9H20O4 | 001638-16-0 | 9    |
| 5    |      | 1-Propen-2-ol, acetate              | 100 | C5H8O2  | 000108-22-5 | 9    |



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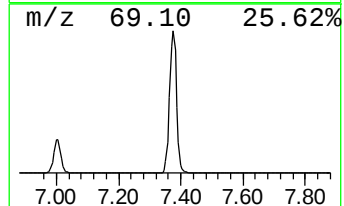
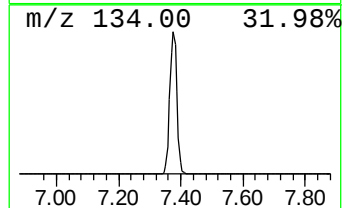
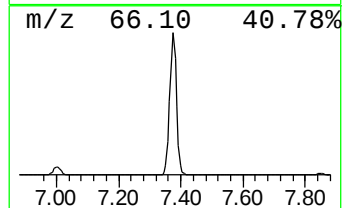
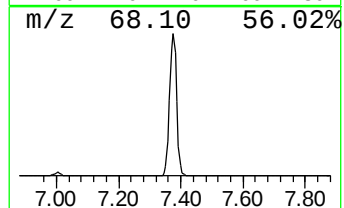
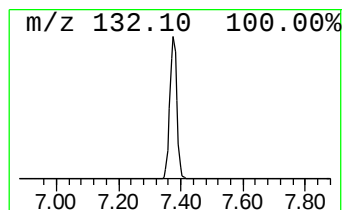
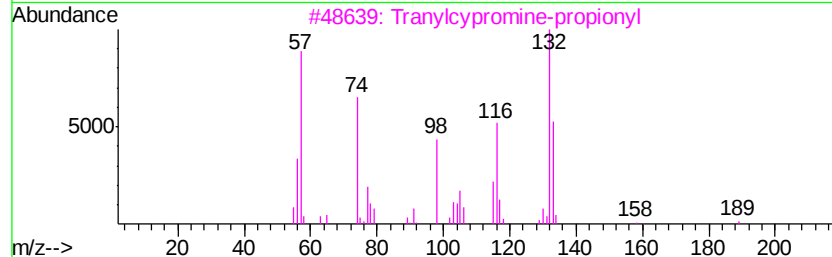
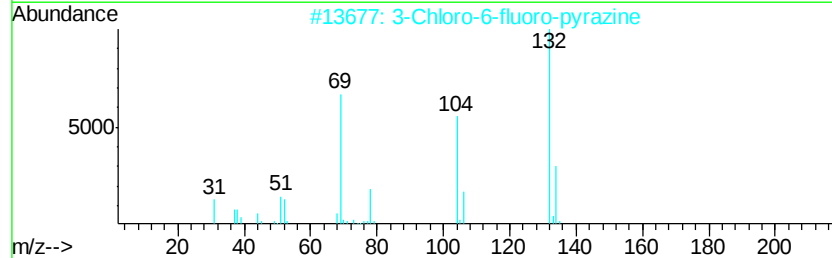
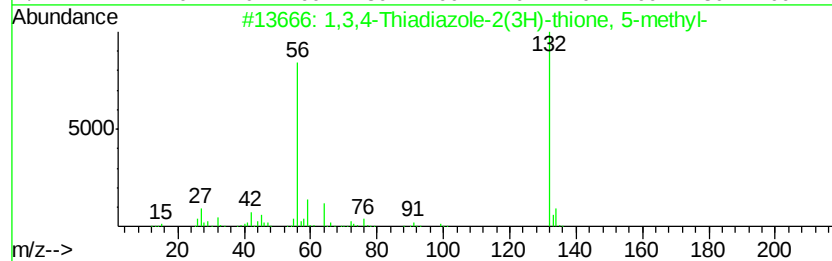
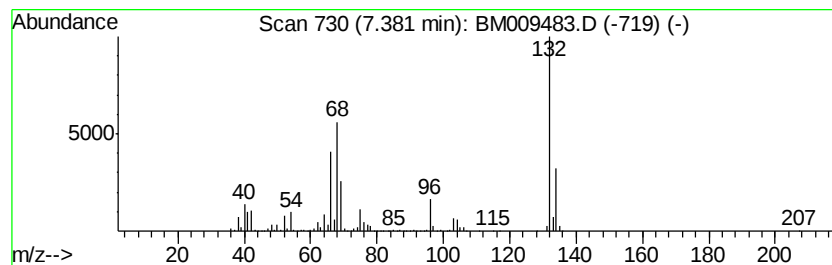
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Peak Number 2 unknown7.38 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.38 | 100.26 ng | 3788760 | 1,4-Dichlorobenzene-d4 | 7.85 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 14   |
| 2    |    |   | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 14   |
| 3    |    |   | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    |   | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2    | 000615-15-6  | 10   |
| 5    |    |   | Imidazole, 4,5-dicyano-1-methyl-    | 132 | C6H4N4    | 019485-35-9  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.97 | 3.5     | ng    | 132130   | 1                     | 7.85 | 755784 | 20.0 |
| unknown7.38          | 7.38 | 100.3   | ng    | 3788760  | 1                     | 7.85 | 755784 | 20.0 |