

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\  
 Data File : BF098013.D  
 Acq On : 24 Aug 2017 20:30  
 Operator : SJ/JU  
 Sample : I4925-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RWB-7

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-BF081517.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         | 3.728       | 274           | 279         | 286          | rVB      | 78321          | 113916        | 2.83%           | 0.390%        |
| 2         | 4.940       | 481           | 485         | 498          | rVB      | 235386         | 358685        | 8.93%           | 1.226%        |
| 3         | 5.351       | 549           | 555         | 558          | rBV      | 3232849        | 3628821       | 90.30%          | 12.408%       |
| 4         | 6.375       | 723           | 729         | 736          | rBV      | 3138661        | 4018424       | 100.00%         | 13.740%       |
| 5         | 6.510       | 746           | 752         | 755          | rBV      | 3294338        | 3512542       | 87.41%          | 12.011%       |
| 6         | 6.740       | 787           | 791         | 794          | rBV      | 856241         | 788097        | 19.61%          | 2.695%        |
| 7         | 6.892       | 813           | 817         | 821          | rBV      | 2477631        | 2289827       | 56.98%          | 7.830%        |
| 8         | 7.140       | 857           | 859         | 868          | rVB      | 53145          | 56039         | 1.39%           | 0.192%        |
| 9         | 7.304       | 881           | 887         | 890          | rBV      | 2138026        | 2154030       | 53.60%          | 7.365%        |
| 10        | 8.022       | 1004          | 1009        | 1012         | rBV      | 1087250        | 1005497       | 25.02%          | 3.438%        |
| 11        | 9.098       | 1186          | 1192        | 1195         | rBV      | 2647056        | 2508375       | 62.42%          | 8.577%        |
| 12        | 9.492       | 1254          | 1259        | 1262         | rBV      | 679088         | 567509        | 14.12%          | 1.941%        |
| 13        | 9.769       | 1300          | 1306        | 1310         | rBV      | 1069868        | 1015876       | 25.28%          | 3.474%        |
| 14        | 10.410      | 1411          | 1415        | 1420         | rBV2     | 32306          | 48271         | 1.20%           | 0.165%        |
| 15        | 10.557      | 1435          | 1440        | 1444         | rBV      | 1877305        | 1942500       | 48.34%          | 6.642%        |
| 16        | 10.604      | 1445          | 1448        | 1452         | rVB      | 74756          | 70995         | 1.77%           | 0.243%        |
| 17        | 11.251      | 1554          | 1558        | 1561         | rBV      | 1192740        | 1016627       | 25.30%          | 3.476%        |
| 18        | 12.457      | 1760          | 1763        | 1766         | rBV      | 165506         | 144071        | 3.59%           | 0.493%        |
| 19        | 12.686      | 1795          | 1802        | 1806         | rBV      | 145300         | 169713        | 4.22%           | 0.580%        |
| 20        | 12.839      | 1823          | 1828        | 1831         | rVB      | 1993299        | 1844832       | 45.91%          | 6.308%        |
| 21        | 13.733      | 1978          | 1980        | 1986         | rVB4     | 46476          | 56816         | 1.41%           | 0.194%        |
| 22        | 13.880      | 2001          | 2005        | 2008         | rBV      | 918291         | 907018        | 22.57%          | 3.101%        |
| 23        | 14.892      | 2173          | 2177        | 2180         | rBV      | 67693          | 94057         | 2.34%           | 0.322%        |
| 24        | 14.980      | 2189          | 2192        | 2198         | rVB2     | 29929          | 42456         | 1.06%           | 0.145%        |
| 25        | 15.233      | 2232          | 2235        | 2241         | rVB      | 52726          | 58045         | 1.44%           | 0.198%        |
| 26        | 15.298      | 2241          | 2246        | 2250         | rBV      | 588556         | 685853        | 17.07%          | 2.345%        |
| 27        | 15.751      | 2319          | 2323        | 2328         | rBV2     | 30252          | 40474         | 1.01%           | 0.138%        |
| 28        | 16.662      | 2472          | 2478        | 2484         | rBV2     | 24034          | 47820         | 1.19%           | 0.164%        |
| 29        | 19.151      | 2897          | 2901        | 2912         | rVB2     | 20017          | 58304         | 1.45%           | 0.199%        |

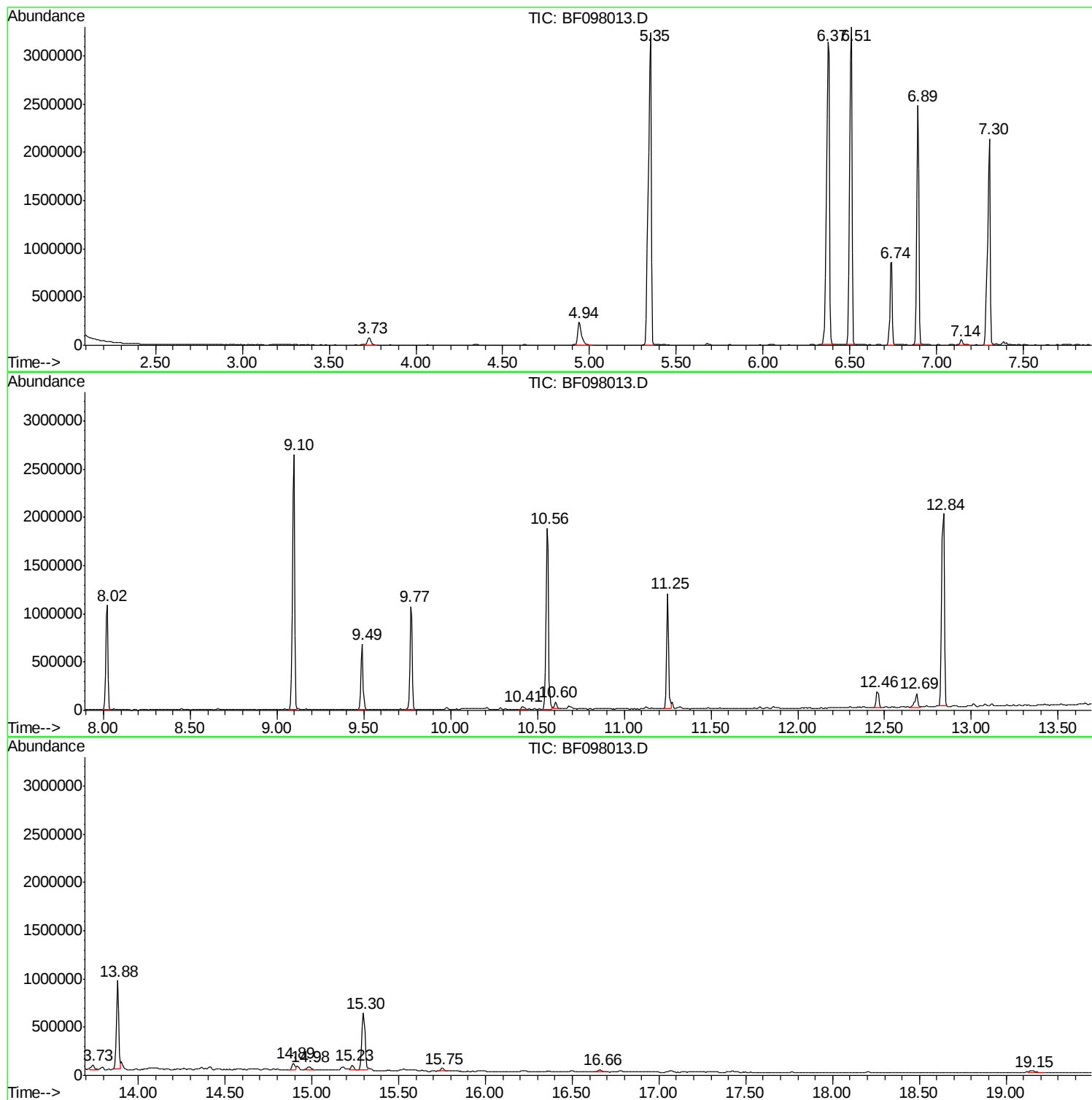
Sum of corrected areas: 29245490

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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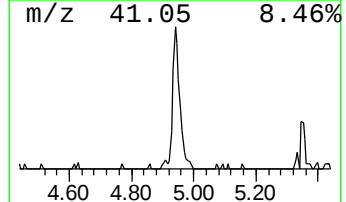
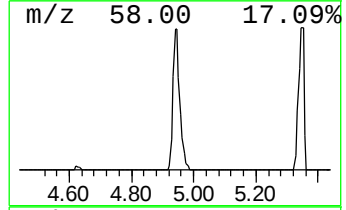
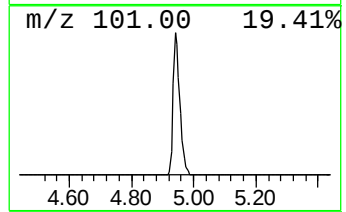
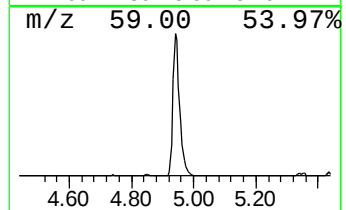
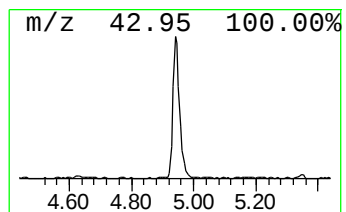
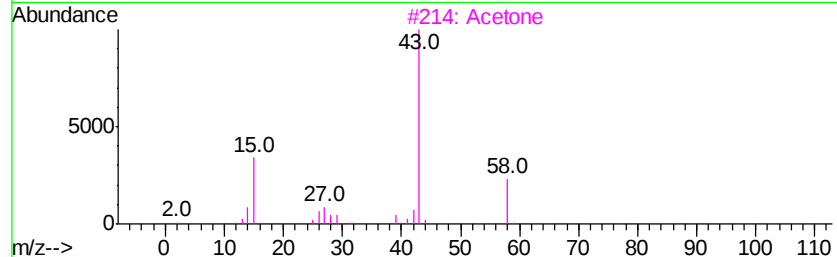
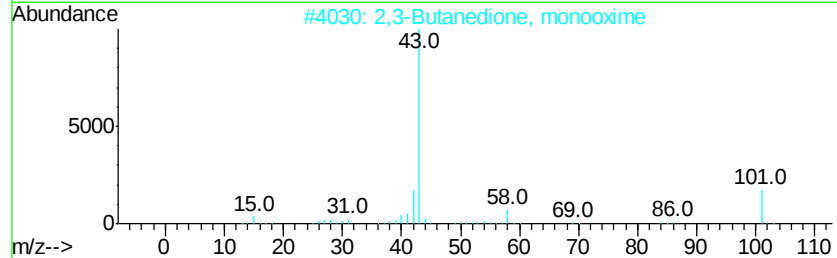
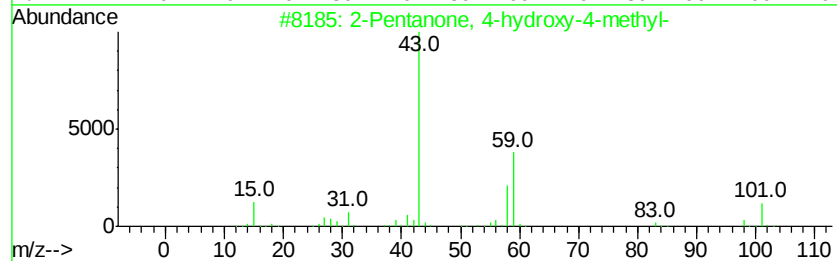
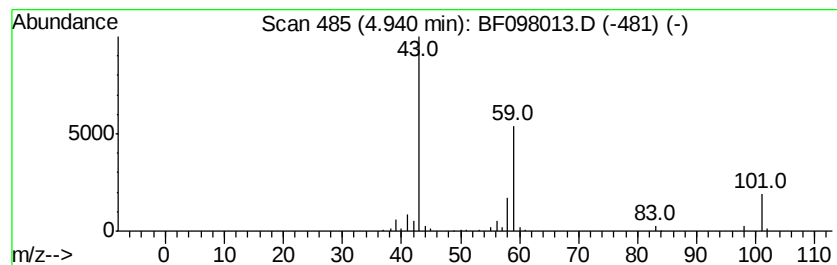
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.94 | 9.10 ng | 358685 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53   |
| 2    |    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 25   |
| 3    |    | Acetone                          | 58  | C3H6O   | 000067-64-1 | 10   |
| 4    |    | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9 | 9    |
| 5    |    | Morpholine, 4-methyl-            | 101 | C5H11NO | 000109-02-4 | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

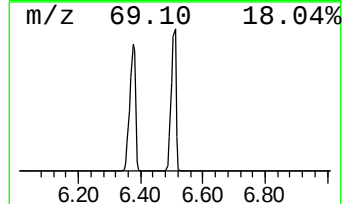
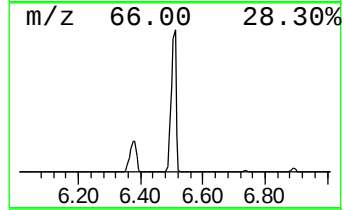
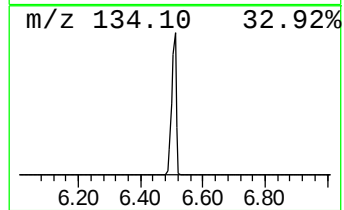
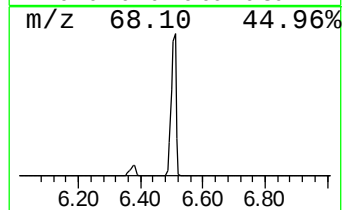
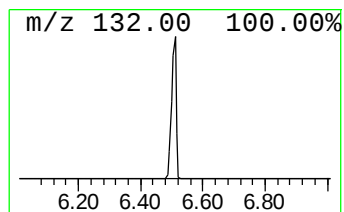
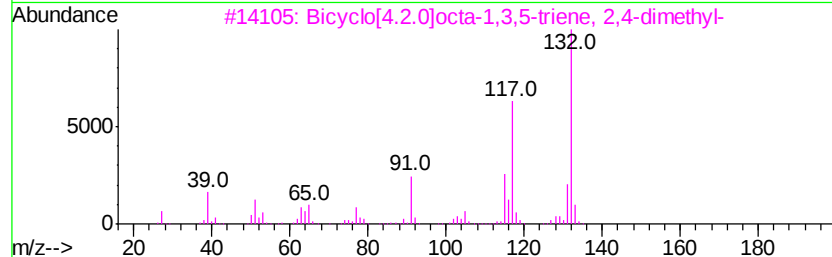
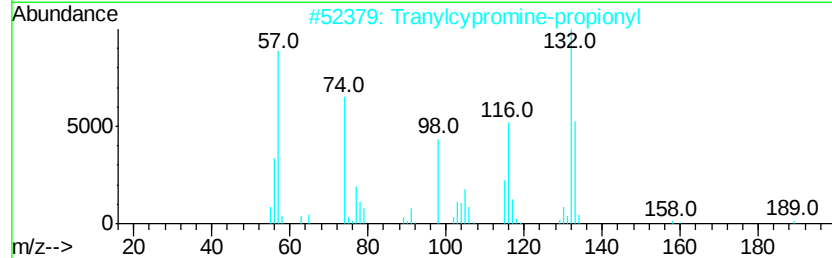
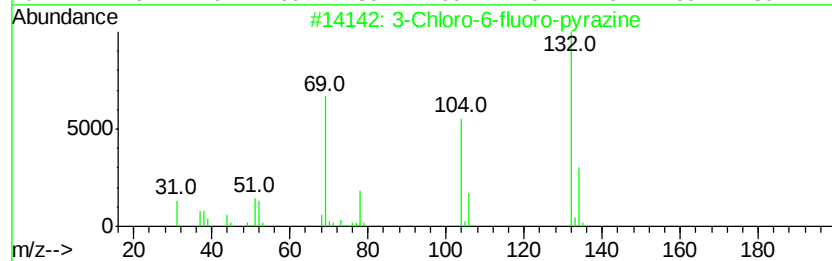
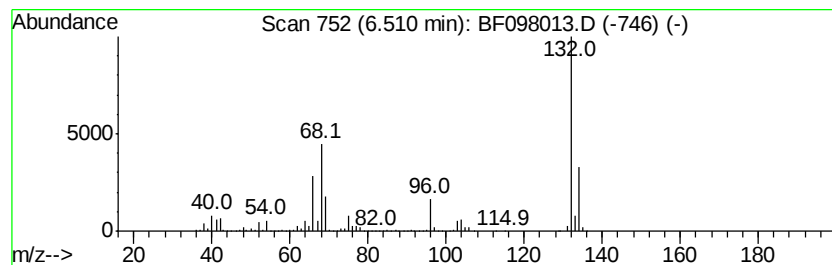
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Peak Number 3 unknown6.51 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.51 | 89.14 ng | 3512540 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm   | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|-----------|--------------|------|
| 1    | 3-Chloro-6-fluoro-pyrazine          |   |              | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    | Tranylcypromine-propionyl           |   |              | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    | Bicyclo[4.2.0]octa-1,3,5-triene,... |   |              | 132 | C10H12    | 028749-81-7  | 9    |
| 4    | 5-Fluoro-2-chloropyrimidine         |   |              | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    | 2H-Cyclopenta[d]pyridazine, 2-me... |   |              | 132 | C8H8N2    | 022291-85-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.94 | 9.1     | ng    | 358685   | 1                     | 6.74 | 788097 | 20.0 |
| unknown6.51          | 6.51 | 89.1    | ng    | 3512540  | 1                     | 6.74 | 788097 | 20.0 |