

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF010919\  
 Data File : BF111940.D  
 Acq On : 9 Jan 2019 10:18  
 Operator : JU/SJ  
 Sample : PB116192BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116192BL

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF010719.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         | 5.128       | 512           | 517         | 523          | rBV      | 196918         | 231295        | 4.25%           | 0.546%        |
| 2         | 5.534       | 581           | 586         | 589          | rBV      | 3906403        | 3790873       | 69.63%          | 8.952%        |
| 3         | 6.528       | 750           | 755         | 758          | rBV      | 3712726        | 3708931       | 68.13%          | 8.759%        |
| 4         | 6.663       | 773           | 778         | 781          | rBV      | 4208084        | 3947955       | 72.52%          | 9.323%        |
| 5         | 6.887       | 812           | 816         | 819          | rBV      | 1330215        | 1171949       | 21.53%          | 2.768%        |
| 6         | 7.045       | 838           | 843         | 846          | rBV      | 3233078        | 3189568       | 58.59%          | 7.532%        |
| 7         | 7.445       | 905           | 911         | 914          | rBV      | 2381672        | 2481791       | 45.59%          | 5.861%        |
| 8         | 8.169       | 1028          | 1034        | 1037         | rBV      | 1455942        | 1457452       | 26.77%          | 3.442%        |
| 9         | 9.245       | 1210          | 1217        | 1220         | rBV      | 4523009        | 4698448       | 86.30%          | 11.096%       |
| 10        | 9.922       | 1326          | 1332        | 1336         | rBV      | 1862624        | 1880379       | 34.54%          | 4.441%        |
| 11        | 10.716      | 1460          | 1467        | 1470         | rBV      | 3466122        | 3351465       | 61.56%          | 7.915%        |
| 12        | 11.410      | 1579          | 1585        | 1589         | rBV      | 2263914        | 2062039       | 37.88%          | 4.870%        |
| 13        | 12.998      | 1850          | 1855        | 1858         | rBV      | 5604362        | 5444065       | 100.00%         | 12.856%       |
| 14        | 14.051      | 2030          | 2034        | 2038         | rVB      | 2336094        | 2299968       | 42.25%          | 5.431%        |
| 15        | 14.515      | 2108          | 2113        | 2115         | rBV3     | 41793          | 55491         | 1.02%           | 0.131%        |
| 16        | 14.827      | 2162          | 2166        | 2170         | rVB      | 69148          | 73168         | 1.34%           | 0.173%        |
| 17        | 15.168      | 2221          | 2224        | 2228         | rVB      | 115865         | 126528        | 2.32%           | 0.299%        |
| 18        | 15.539      | 2281          | 2287        | 2297         | rVB2     | 1521974        | 2068134       | 37.99%          | 4.884%        |
| 19        | 16.004      | 2362          | 2366        | 2371         | rVB      | 105238         | 159347        | 2.93%           | 0.376%        |
| 20        | 16.521      | 2449          | 2454        | 2461         | rVB      | 81837          | 146164        | 2.68%           | 0.345%        |

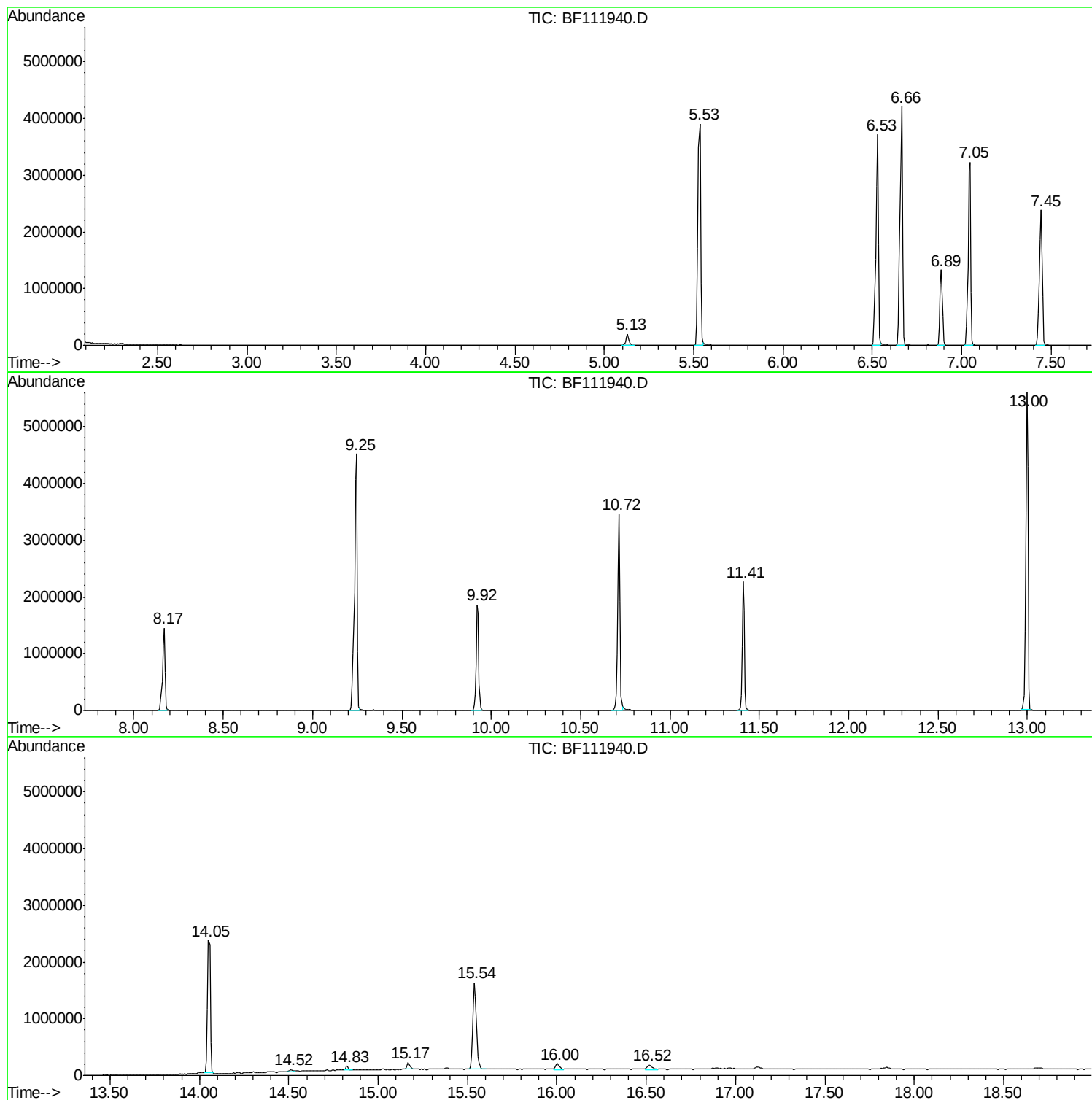
Sum of corrected areas: 42345010

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.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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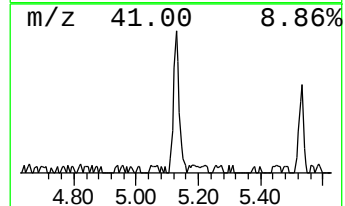
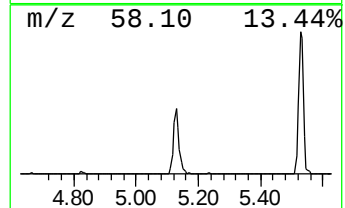
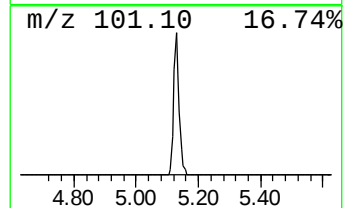
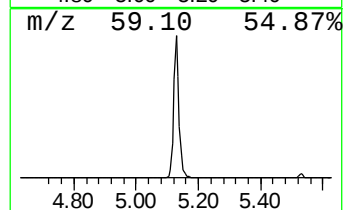
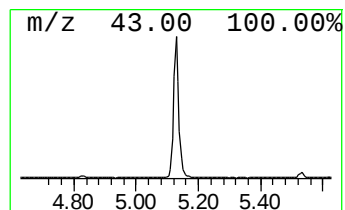
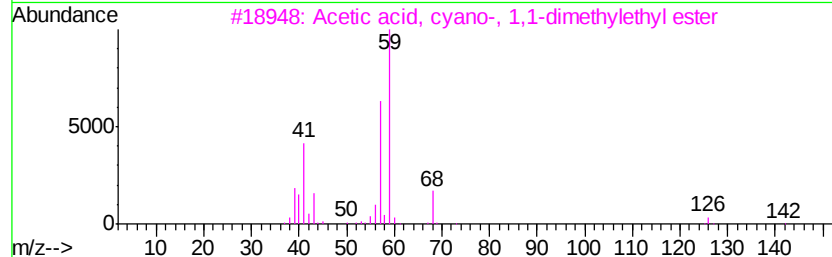
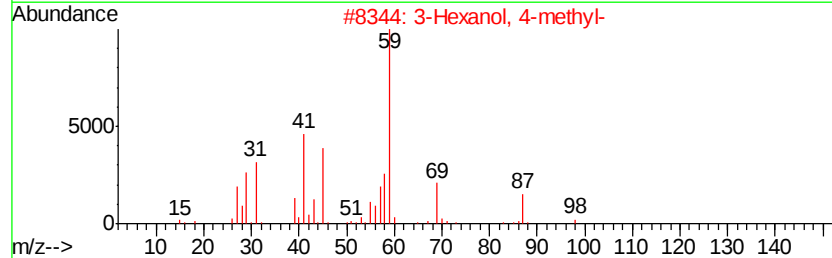
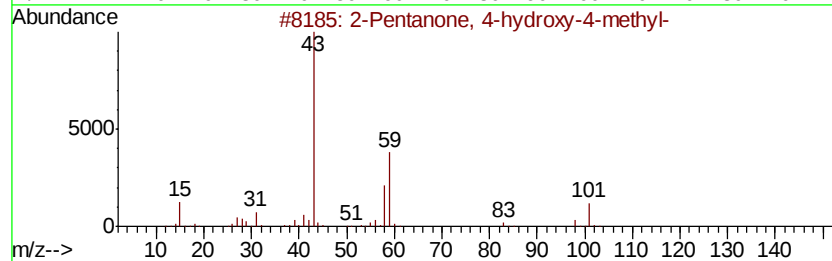
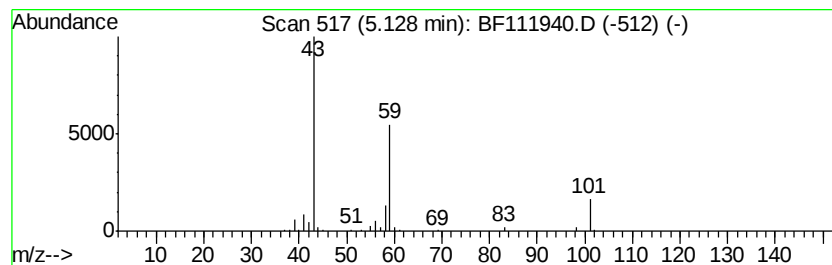
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TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|--------|------------------------|------|
| 5.13 | 3.95 ng | 231295 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | 3-Hexanol, 4-methyl-                 | 116 | C7H16O   | 000615-29-2 | 33   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 32   |
| 4    |    |   | 2-Hexanol, 2-methyl-                 | 116 | C7H16O   | 000625-23-0 | 28   |
| 5    |    |   | 1-Propen-2-ol, acetate               | 100 | C5H8O2   | 000108-22-5 | 10   |



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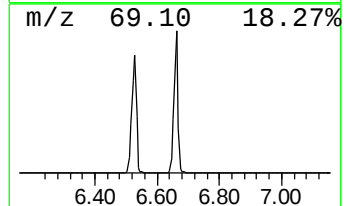
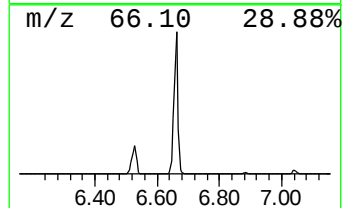
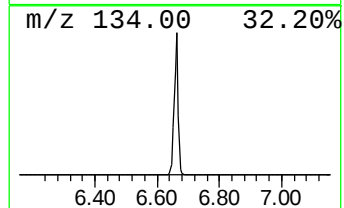
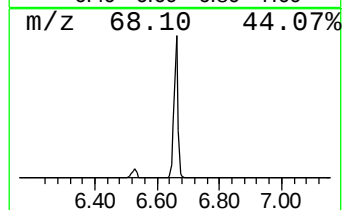
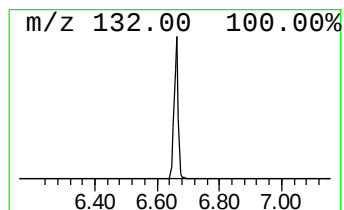
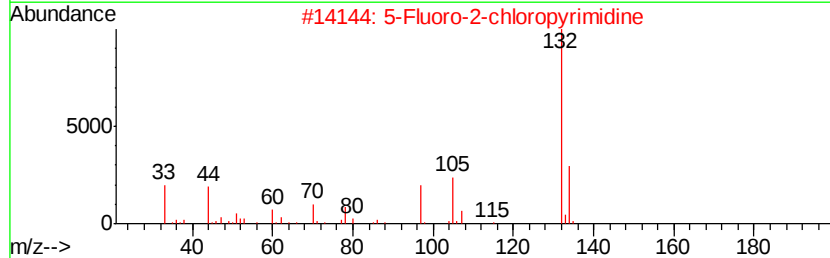
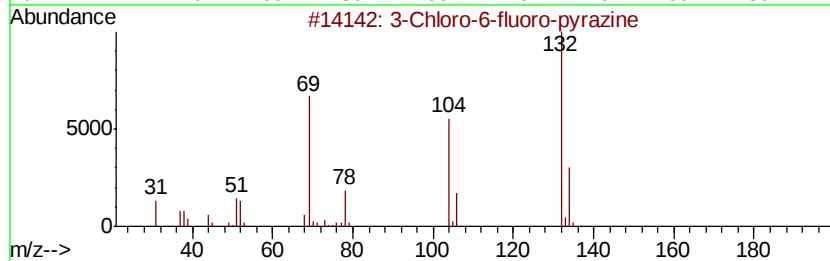
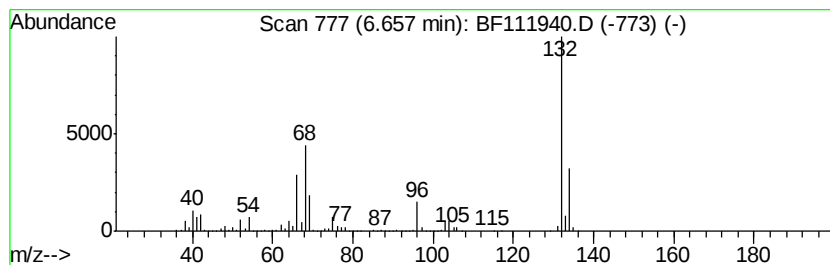
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Peak Number 2 unknown6.66 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.66 | 67.37 ng | 3947960 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 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... | 5.13 | 4.0     | ng    | 231295   | 1                     | 6.89 | 1171950 | 20.0 |
| unknown6.66          | 6.66 | 67.4    | ng    | 3947960  | 1                     | 6.89 | 1171950 | 20.0 |