

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041618\  
 Data File : BF104534.D  
 Acq On : 16 Apr 2018 15:12  
 Operator : JU/SJ  
 Sample : J2314-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CA-AQIDW01-20180409

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\_F\METHODS\8270-BF040618.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         | 5.010       | 494           | 497         | 508          | rVB      | 128873         | 150774        | 3.18%           | 0.480%        |
| 2         | 5.428       | 563           | 568         | 571          | rBV      | 2220139        | 1949618       | 41.08%          | 6.210%        |
| 3         | 6.439       | 736           | 740         | 752          | rVB      | 1270914        | 1279924       | 26.97%          | 4.077%        |
| 4         | 6.581       | 759           | 764         | 767          | rBV      | 3616396        | 3552507       | 74.86%          | 11.316%       |
| 5         | 6.810       | 799           | 803         | 806          | rBV      | 1383335        | 1084623       | 22.85%          | 3.455%        |
| 6         | 6.969       | 825           | 830         | 833          | rBV      | 3857392        | 3555915       | 74.93%          | 11.327%       |
| 7         | 7.381       | 894           | 900         | 903          | rBV      | 2715137        | 2949810       | 62.16%          | 9.396%        |
| 8         | 8.092       | 1017          | 1021        | 1024         | rBV      | 1766072        | 1417129       | 29.86%          | 4.514%        |
| 9         | 9.175       | 1199          | 1205        | 1208         | rBV      | 4640452        | 4745786       | 100.00%         | 15.117%       |
| 10        | 9.563       | 1267          | 1271        | 1274         | rBV      | 254587         | 205116        | 4.32%           | 0.653%        |
| 11        | 9.775       | 1304          | 1307        | 1310         | rBV      | 86218          | 64569         | 1.36%           | 0.206%        |
| 12        | 9.851       | 1316          | 1320        | 1328         | rVB      | 1696601        | 1484278       | 31.28%          | 4.728%        |
| 13        | 10.275      | 1389          | 1392        | 1395         | rVB2     | 110274         | 94821         | 2.00%           | 0.302%        |
| 14        | 10.645      | 1450          | 1455        | 1458         | rBV      | 2410538        | 2315887       | 48.80%          | 7.377%        |
| 15        | 10.751      | 1470          | 1473        | 1482         | rBV      | 102339         | 106257        | 2.24%           | 0.338%        |
| 16        | 11.339      | 1569          | 1573        | 1576         | rBV      | 1450866        | 1194459       | 25.17%          | 3.805%        |
| 17        | 12.933      | 1839          | 1844        | 1847         | rBV      | 3309374        | 3329946       | 70.17%          | 10.607%       |
| 18        | 13.821      | 1991          | 1995        | 1999         | rBV2     | 53118          | 66775         | 1.41%           | 0.213%        |
| 19        | 13.986      | 2019          | 2023        | 2027         | rBV      | 1087766        | 960535        | 20.24%          | 3.060%        |
| 20        | 15.457      | 2267          | 2273        | 2281         | rBV      | 658962         | 885721        | 18.66%          | 2.821%        |

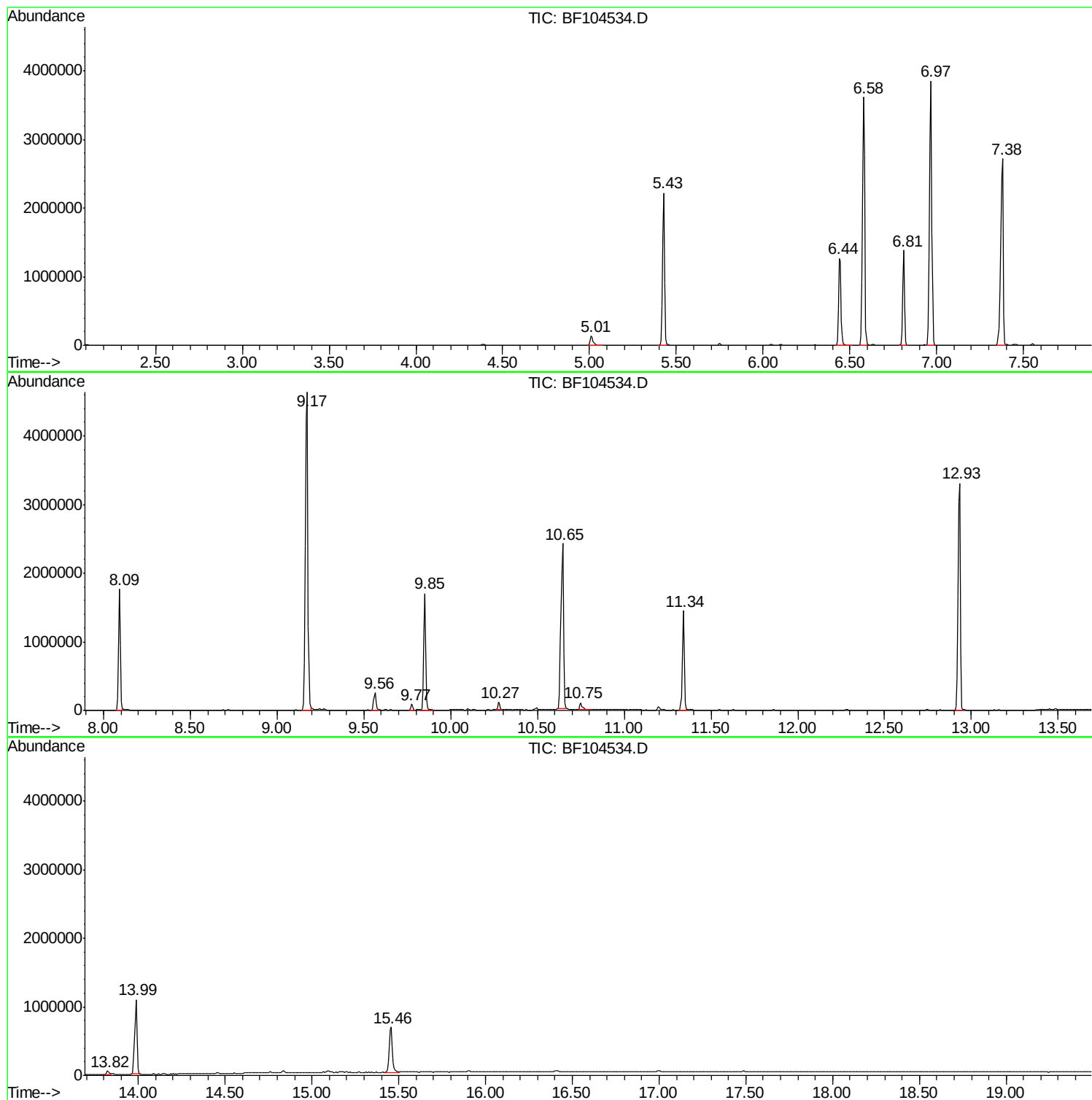
Sum of corrected areas: 31394450

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CA-AQIDW01-20180409

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.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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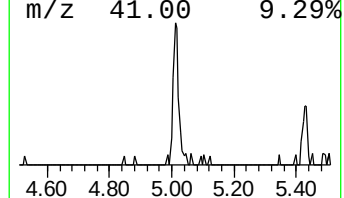
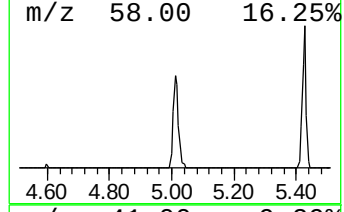
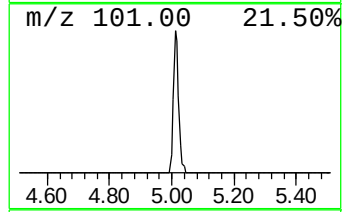
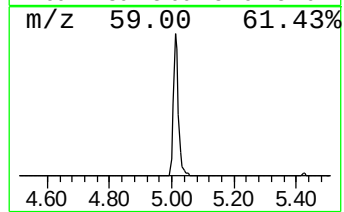
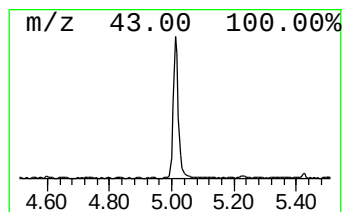
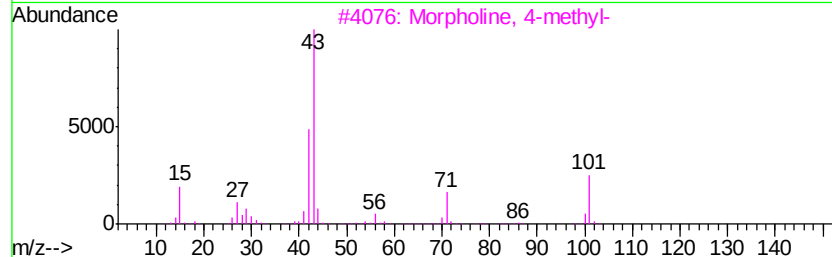
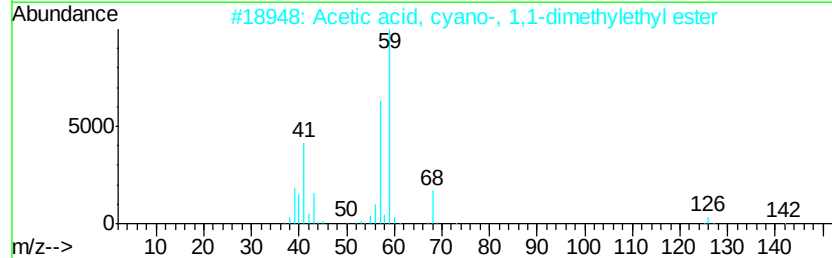
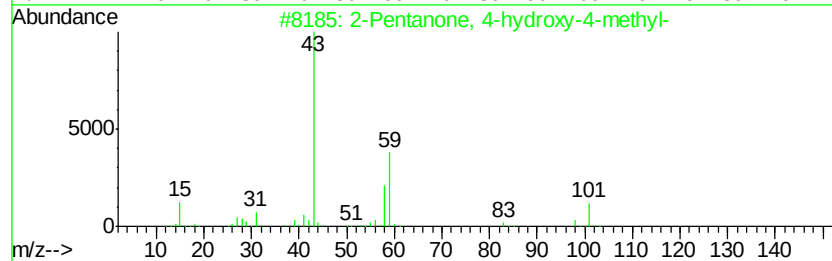
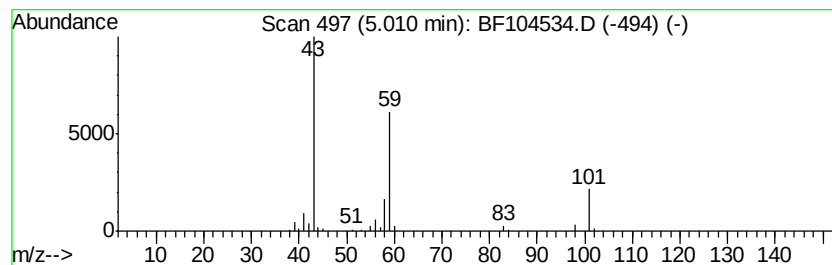
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TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|--------|------------------------|------|
| 5.01 | 2.78 ng | 150774 | 1,4-Dichlorobenzene-d4 | 6.81 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |    | Morpholine, 4-methyl-                | 101 | C5H11NO  | 000109-02-4 | 9    |
| 4    |    | 5-Hexen-2-one                        | 98  | C6H10O   | 000109-49-9 | 9    |
| 5    |    | Butyl aldoxime, 3-methyl-, syn-      | 101 | C5H11NO  | 005780-40-5 | 9    |



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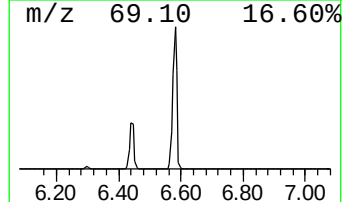
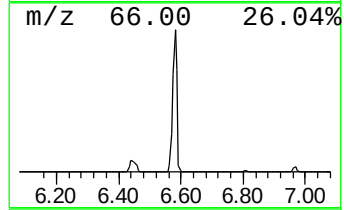
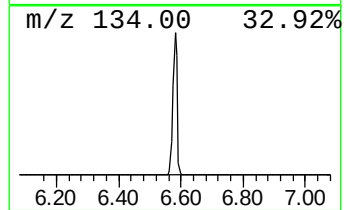
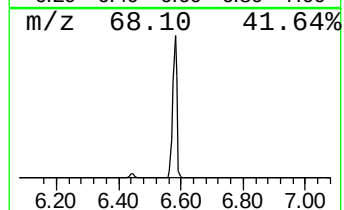
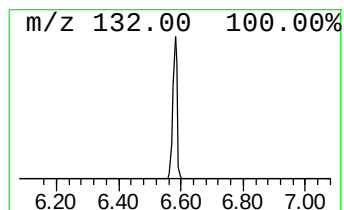
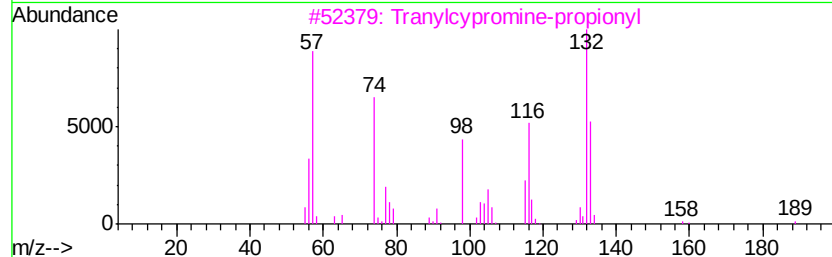
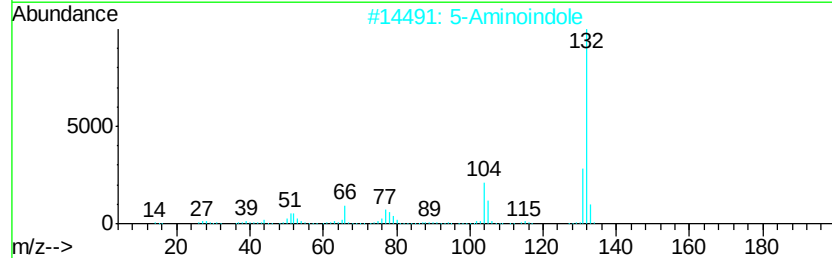
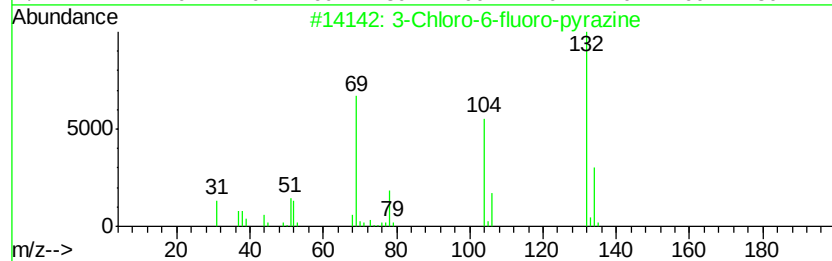
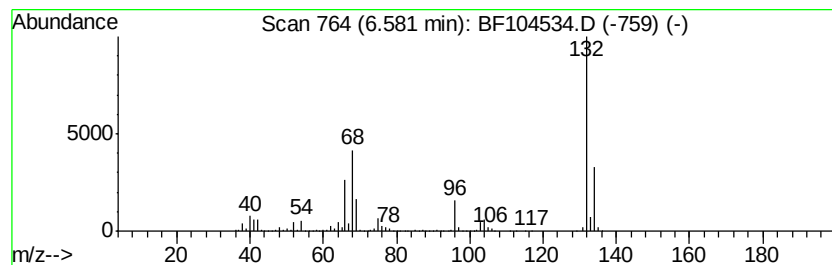
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Peak Number 2 unknown6.58 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.58 | 65.51 ng | 3552510 | 1,4-Dichlorobenzene-d4 | 6.81 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm   | CAS#         | Qual |
|------|----|---|--------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine     | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    |   | 5-Aminoindole                  | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | Tranvlcyproline-propionyl      | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    |   | 5-Fluoro-2-chloropyrimidine    | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    |   | 1-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2    | 064608-59-9  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.01 | 2.8     | ng    | 150774   | 1                     | 6.81 | 1084620 | 20.0 |
| unknown6.58          | 6.58 | 65.5    | ng    | 3552510  | 1                     | 6.81 | 1084620 | 20.0 |