

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF092717\  
 Data File : BF098856.D  
 Acq On : 27 Sep 2017 11:56  
 Operator : SJ/JU  
 Sample : PB102634BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102634BL

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-BF092317.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         | 5.157       | 517           | 522         | 535          | rBV      | 451869         | 615655        | 15.14%          | 1.957%        |
| 2         | 5.545       | 582           | 588         | 591          | rBV      | 3225332        | 3439654       | 84.57%          | 10.935%       |
| 3         | 6.539       | 751           | 757         | 760          | rBV      | 3178317        | 3347630       | 82.31%          | 10.643%       |
| 4         | 6.687       | 777           | 782         | 785          | rBV      | 3455586        | 3504751       | 86.17%          | 11.142%       |
| 5         | 6.916       | 817           | 821         | 824          | rVB      | 884987         | 791901        | 19.47%          | 2.518%        |
| 6         | 7.069       | 843           | 847         | 851          | rBV      | 2940100        | 2744325       | 67.48%          | 8.725%        |
| 7         | 7.475       | 910           | 916         | 919          | rBV      | 2153213        | 2200309       | 54.10%          | 6.995%        |
| 8         | 8.192       | 1034          | 1038        | 1042         | rBV      | 1211130        | 1107610       | 27.23%          | 3.521%        |
| 9         | 9.269       | 1215          | 1221        | 1224         | rBV      | 4009790        | 4067020       | 100.00%         | 12.930%       |
| 10        | 9.951       | 1332          | 1337        | 1341         | rBV      | 1422231        | 1214021       | 29.85%          | 3.860%        |
| 11        | 10.739      | 1466          | 1471        | 1474         | rBV      | 2197083        | 2098539       | 51.60%          | 6.672%        |
| 12        | 11.439      | 1586          | 1590        | 1593         | rBV      | 1422337        | 1184600       | 29.13%          | 3.766%        |
| 13        | 13.027      | 1854          | 1860        | 1863         | rBV      | 3431212        | 3596875       | 88.44%          | 11.435%       |
| 14        | 14.074      | 2034          | 2038        | 2042         | rBV      | 965806         | 834014        | 20.51%          | 2.651%        |
| 15        | 15.568      | 2286          | 2292        | 2301         | rBV      | 539770         | 708101        | 17.41%          | 2.251%        |

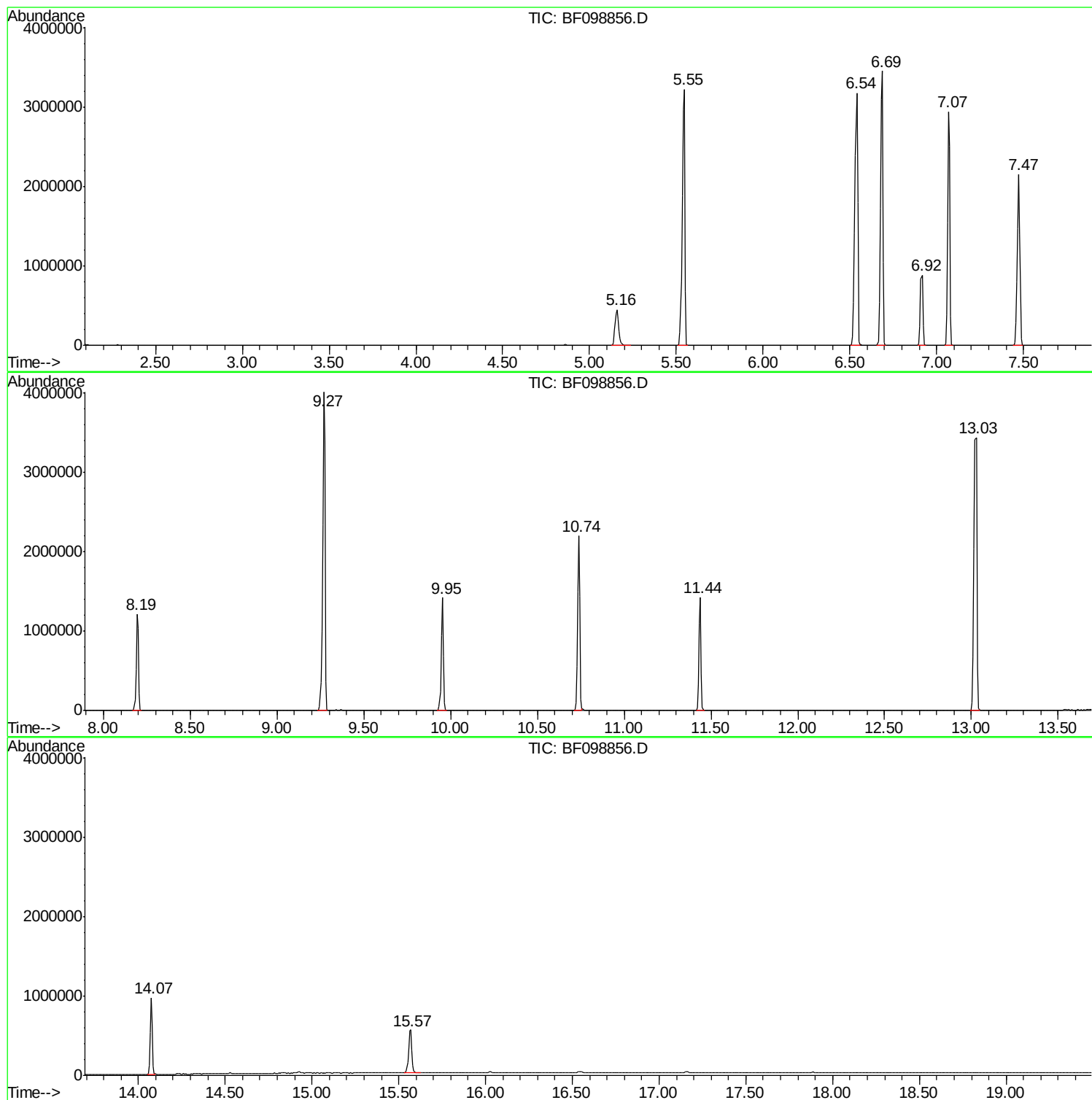
Sum of corrected areas: 31455005

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ClientSampled :  
PB102634BL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092317.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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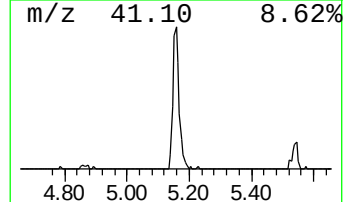
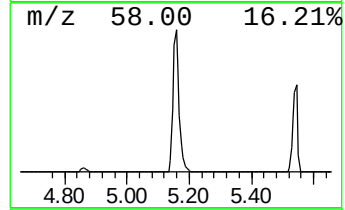
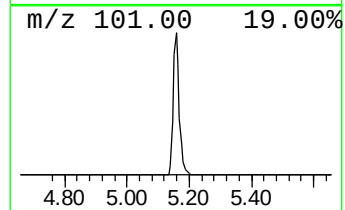
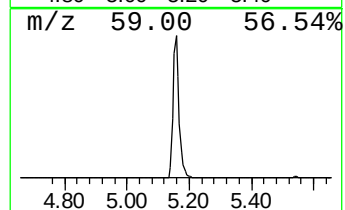
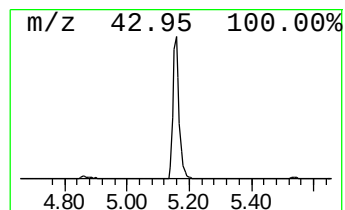
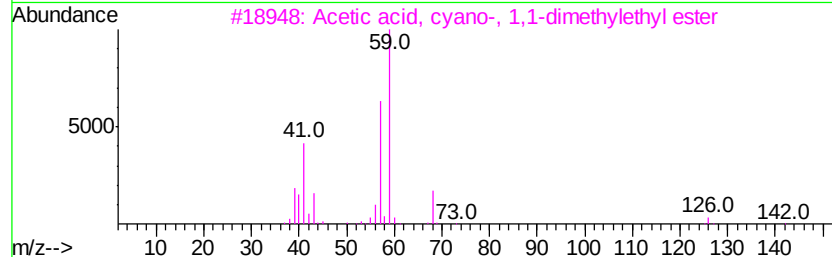
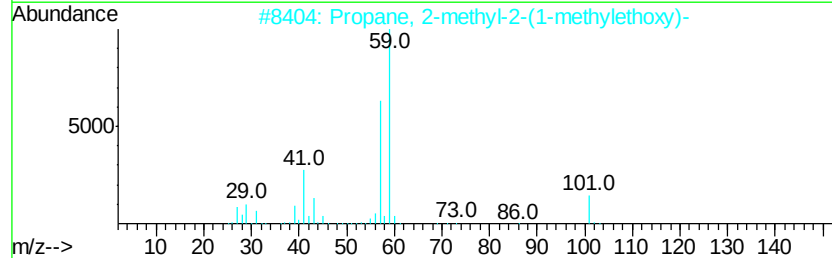
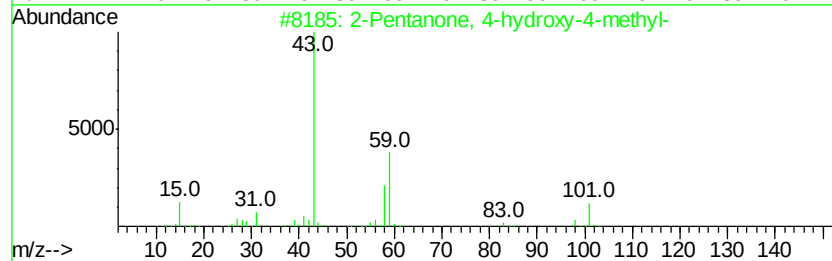
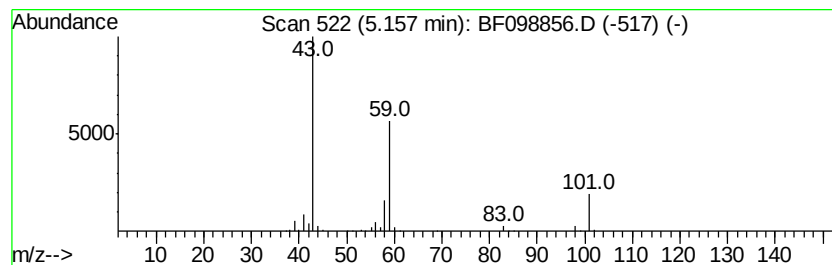
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TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|--------|------------------------|------|
| 5.16 | 15.55 ng | 615655 | 1,4-Dichlorobenzene-d4 | 6.92 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    |   | Propane, 2-methyl-2-(1-methyleth...  | 116 | C7H16O   | 017348-59-3 | 42   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 4    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 9    |
| 5    |    |   | Butane, 1-ethoxy-                    | 102 | C6H14O   | 000628-81-9 | 9    |



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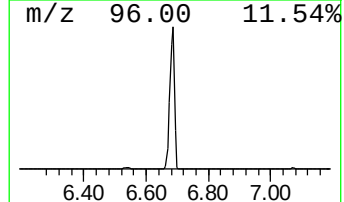
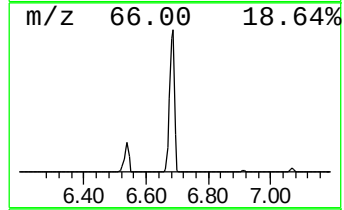
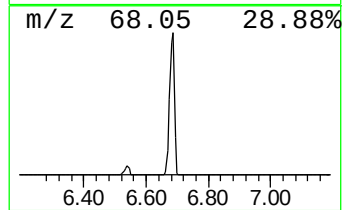
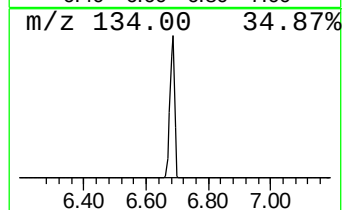
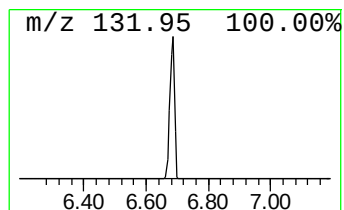
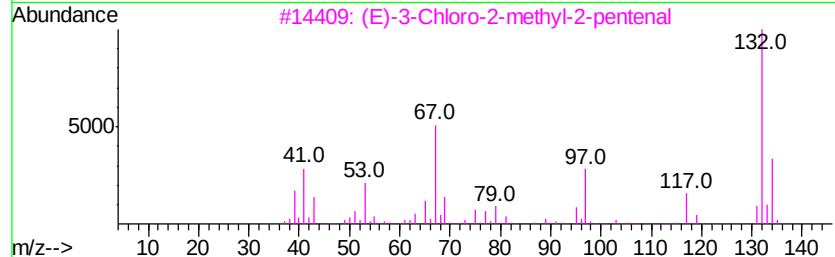
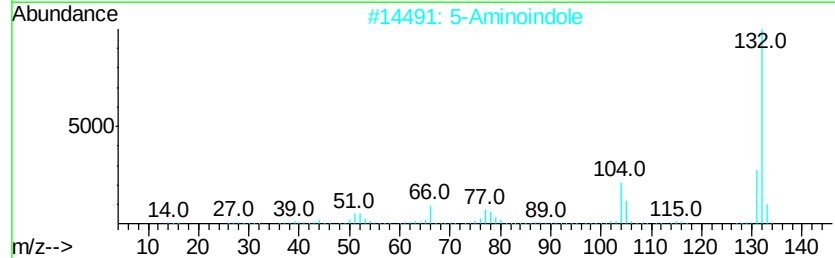
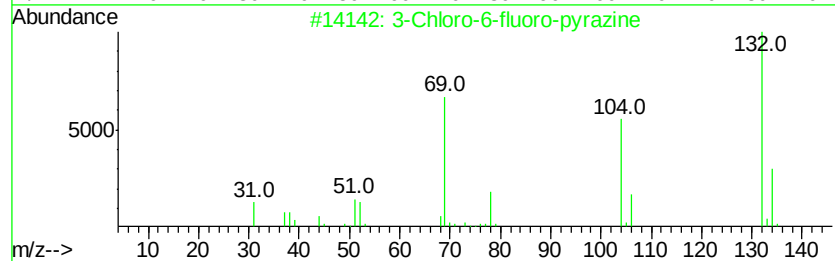
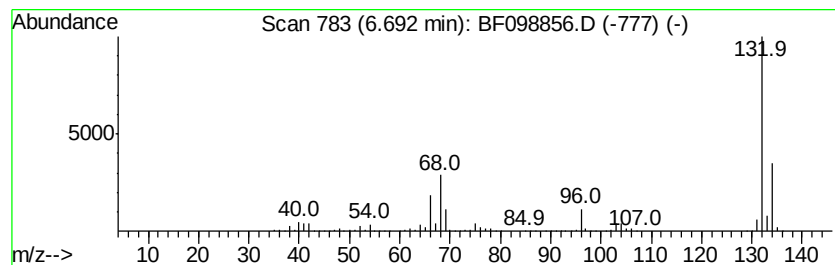
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Peak Number 2 unknown6.69 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.69 | 88.51 ng | 3504750 | 1,4-Dichlorobenzene-d4 | 6.92 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|---|----------------------------------|-----|-----------|--------------|------|
| 1    | 3  |   | Chloro-6-fluoro-pyrazine         | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    | 5  |   | Aminoindole                      | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 4    |    |   | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 5    |    |   | 1,3,5-Trifluorobenzene           | 132 | C6H3F3    | 000372-38-3  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.16 | 15.6    | ng    | 615655   | 1                     | 6.92 | 791901 | 20.0 |
| unknown6.69          | 6.69 | 88.5    | ng    | 3504750  | 1                     | 6.92 | 791901 | 20.0 |