

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081717\  
 Data File : BF097790.D  
 Acq On : 17 Aug 2017 17:09  
 Operator : SJ/JU  
 Sample : PB101563BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101563BL

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         | 4.993       | 489           | 494         | 502          | rBV      | 452726         | 617245        | 15.24%          | 1.832%        |
| 2         | 5.393       | 556           | 562         | 565          | rBV      | 3452612        | 3722645       | 91.89%          | 11.051%       |
| 3         | 6.410       | 728           | 735         | 737          | rBV      | 3306003        | 3774401       | 93.17%          | 11.205%       |
| 4         | 6.545       | 752           | 758         | 761          | rBV      | 3526062        | 3618634       | 89.33%          | 10.742%       |
| 5         | 6.775       | 793           | 797         | 800          | rVB      | 960383         | 842741        | 20.80%          | 2.502%        |
| 6         | 6.928       | 819           | 823         | 827          | rBV      | 2949002        | 2799395       | 69.10%          | 8.310%        |
| 7         | 7.334       | 887           | 892         | 895          | rBV      | 2150047        | 2333470       | 57.60%          | 6.927%        |
| 8         | 8.057       | 1010          | 1015        | 1018         | rBV      | 1096731        | 1110409       | 27.41%          | 3.296%        |
| 9         | 9.133       | 1192          | 1198        | 1201         | rBV      | 3849098        | 4051029       | 100.00%         | 12.026%       |
| 10        | 9.810       | 1307          | 1313        | 1317         | rBV      | 1190856        | 1195532       | 29.51%          | 3.549%        |
| 11        | 10.598      | 1440          | 1447        | 1450         | rBV      | 2373539        | 2454241       | 60.58%          | 7.286%        |
| 12        | 11.292      | 1559          | 1565        | 1568         | rBV      | 1502263        | 1256720       | 31.02%          | 3.731%        |
| 13        | 12.880      | 1828          | 1835        | 1838         | rBV      | 3666490        | 3935921       | 97.16%          | 11.684%       |
| 14        | 13.921      | 2008          | 2012        | 2016         | rBV      | 1235077        | 1157265       | 28.57%          | 3.435%        |
| 15        | 15.351      | 2249          | 2255        | 2261         | rBV      | 673158         | 816479        | 20.15%          | 2.424%        |

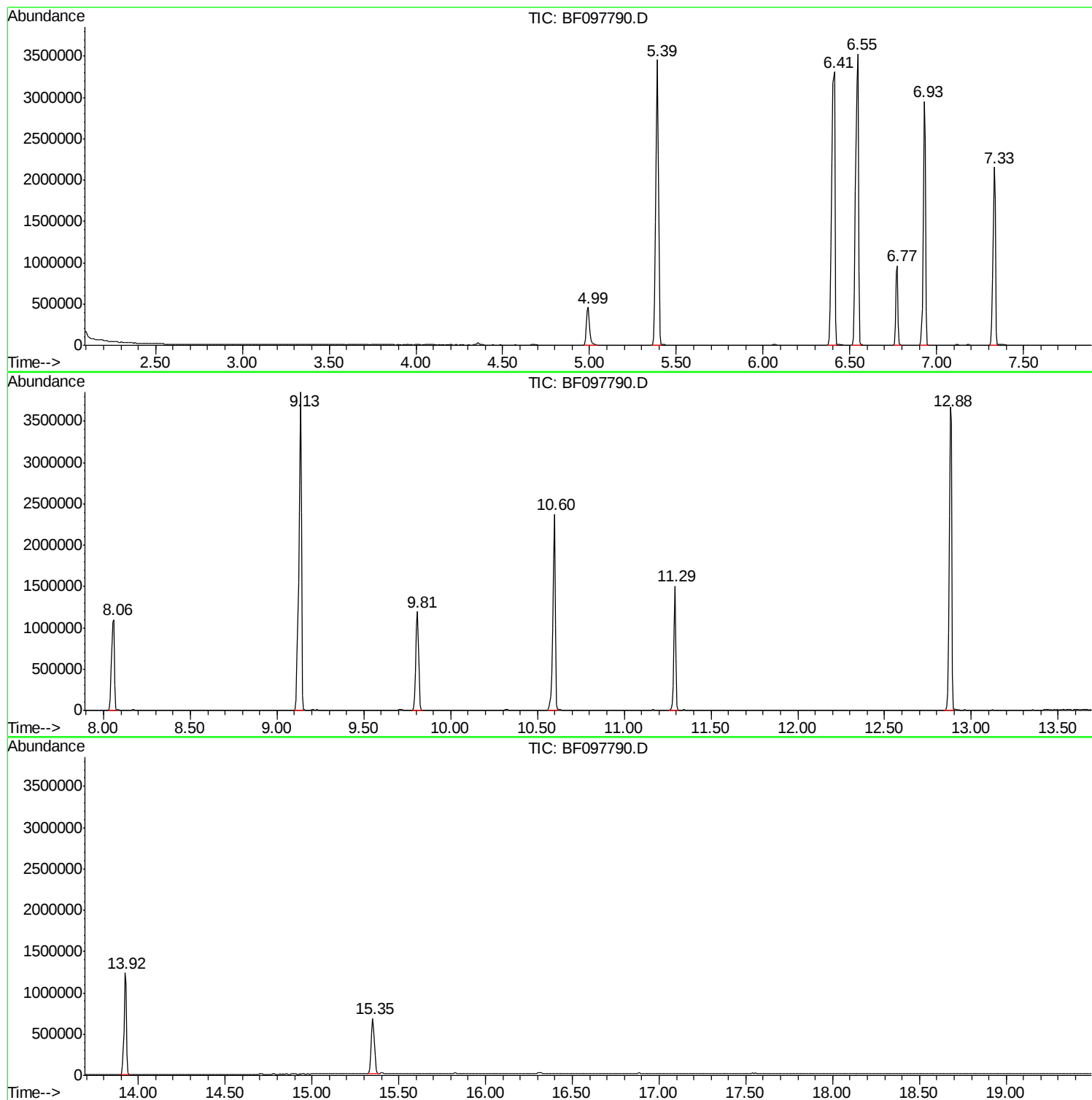
Sum of corrected areas: 33686127

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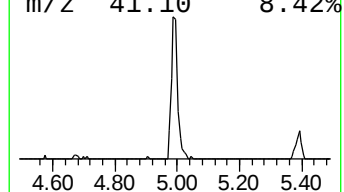
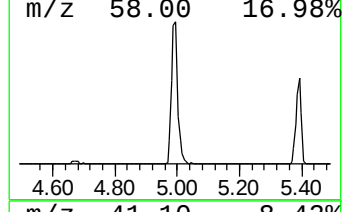
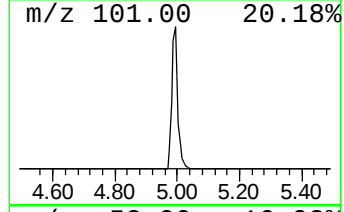
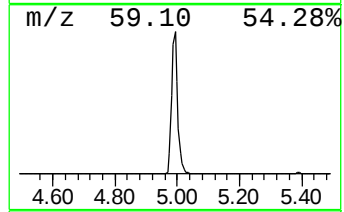
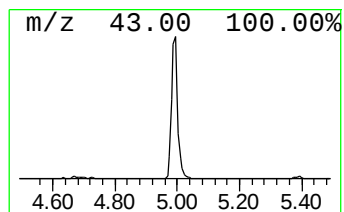
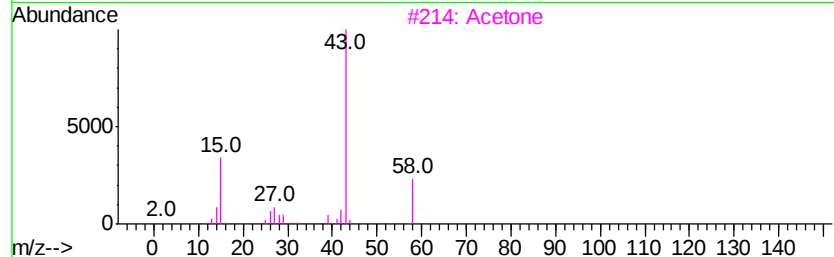
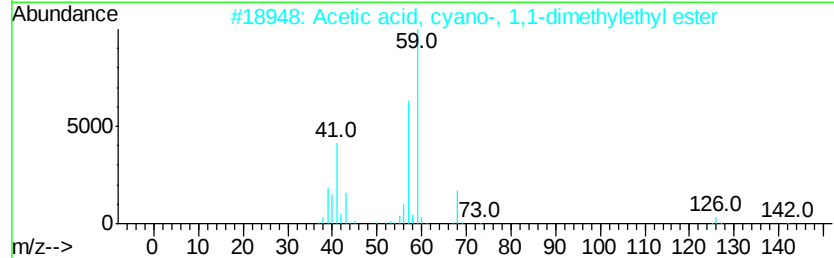
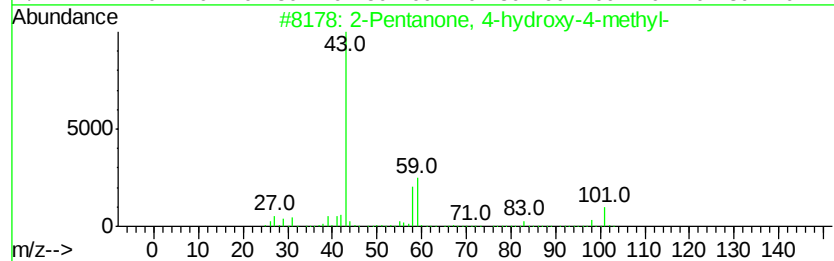
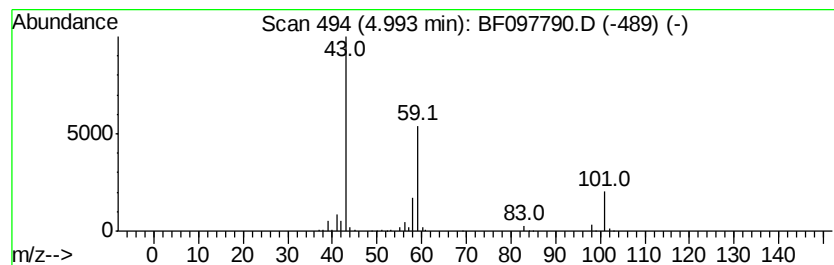
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|--------|------------------------|------|
| 4.99 | 14.65 ng | 617245 | 1,4-Dichlorobenzene-d4 | 6.77 |

| Hit# | of                                   | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|--------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2      | 000123-42-2 | 72      |      |      |
| 2    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 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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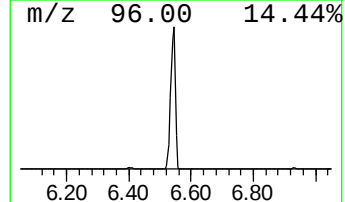
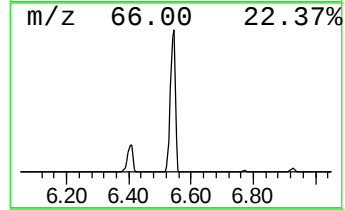
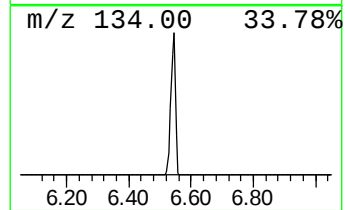
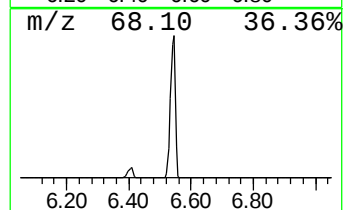
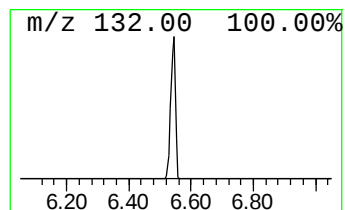
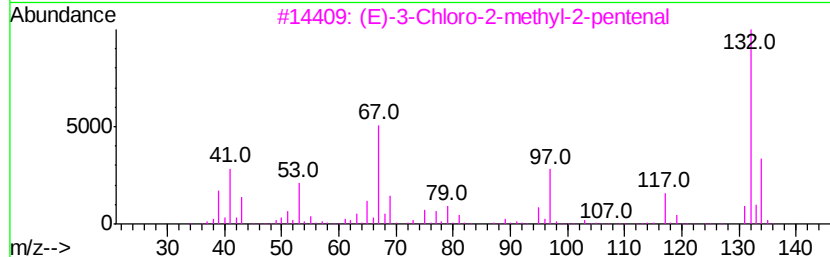
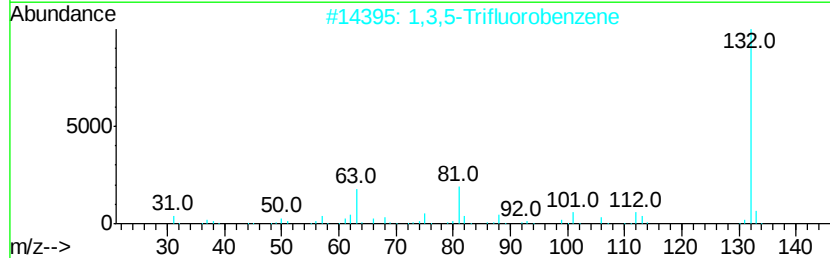
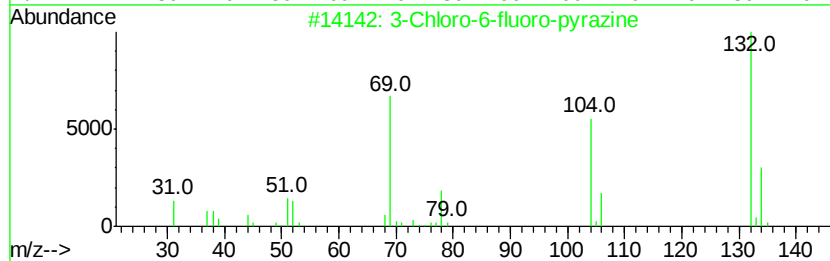
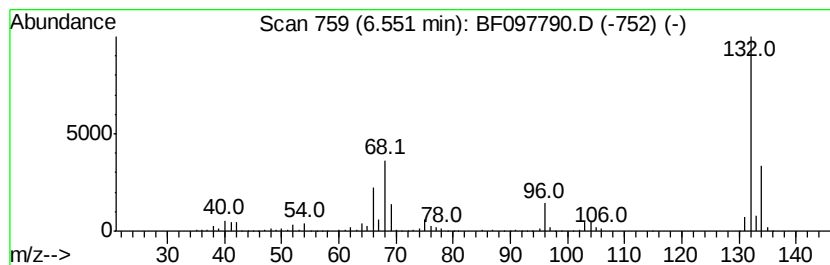
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Peak Number 2 unknown6.55 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.55 | 85.88 ng | 3618630 | 1,4-Dichlorobenzene-d4 | 6.77 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 2    |    | 1,3,5-Trifluorobenzene              | 132 | C6H3F3    | 000372-38-3  | 9    |
| 3    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | Xenon                               | 132 | Xe        | 007440-63-3  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.99 | 14.7    | ng    | 617245   | 1                     | 6.77 | 842741 | 20.0 |
| unknown6.55          | 6.55 | 85.9    | ng    | 3618630  | 1                     | 6.77 | 842741 | 20.0 |