

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF111717\  
 Data File : BF100702.D  
 Acq On : 18 Nov 2017 4:12  
 Operator : SJ/JU  
 Sample : I6340-06  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HL-7B

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-BF110817.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         | 5.104       | 509           | 513         | 524          | rBV      | 196374         | 230185        | 16.96%          | 1.796%        |
| 2         | 5.498       | 575           | 580         | 583          | rBV      | 1465872        | 1308422       | 96.39%          | 10.211%       |
| 3         | 6.504       | 746           | 751         | 754          | rBV      | 1447995        | 1312464       | 96.68%          | 10.243%       |
| 4         | 6.651       | 771           | 776         | 779          | rBV      | 1464951        | 1357479       | 100.00%         | 10.594%       |
| 5         | 6.881       | 811           | 815         | 819          | rBV      | 686446         | 547982        | 40.37%          | 4.277%        |
| 6         | 7.040       | 838           | 842         | 845          | rBV      | 1114069        | 1006896       | 74.17%          | 7.858%        |
| 7         | 7.440       | 906           | 910         | 914          | rBV      | 859492         | 812516        | 59.85%          | 6.341%        |
| 8         | 7.516       | 920           | 923         | 926          | rBV      | 15600          | 15566         | 1.15%           | 0.121%        |
| 9         | 8.163       | 1029          | 1033        | 1036         | rBV      | 877119         | 701325        | 51.66%          | 5.473%        |
| 10        | 9.234       | 1211          | 1215        | 1219         | rBV      | 1410864        | 1253564       | 92.35%          | 9.783%        |
| 11        | 9.628       | 1278          | 1282        | 1285         | rBV      | 343007         | 266332        | 19.62%          | 2.079%        |
| 12        | 9.916       | 1327          | 1331        | 1335         | rBV      | 797192         | 715647        | 52.72%          | 5.585%        |
| 13        | 10.704      | 1461          | 1465        | 1471         | rBV      | 772414         | 677147        | 49.88%          | 5.285%        |
| 14        | 10.810      | 1480          | 1483        | 1490         | rBV2     | 9103           | 15784         | 1.16%           | 0.123%        |
| 15        | 11.404      | 1580          | 1584        | 1587         | rBV      | 721924         | 608317        | 44.81%          | 4.747%        |
| 16        | 12.986      | 1849          | 1853        | 1856         | rBV      | 873717         | 811899        | 59.81%          | 6.336%        |
| 17        | 13.869      | 1995          | 2003        | 2008         | rBV7     | 31756          | 57902         | 4.27%           | 0.452%        |
| 18        | 14.010      | 2024          | 2027        | 2028         | rBV      | 23502          | 18177         | 1.34%           | 0.142%        |
| 19        | 14.039      | 2028          | 2032        | 2036         | rVV      | 652071         | 583905        | 43.01%          | 4.557%        |
| 20        | 15.515      | 2278          | 2283        | 2292         | rVB      | 401076         | 511978        | 37.72%          | 3.996%        |

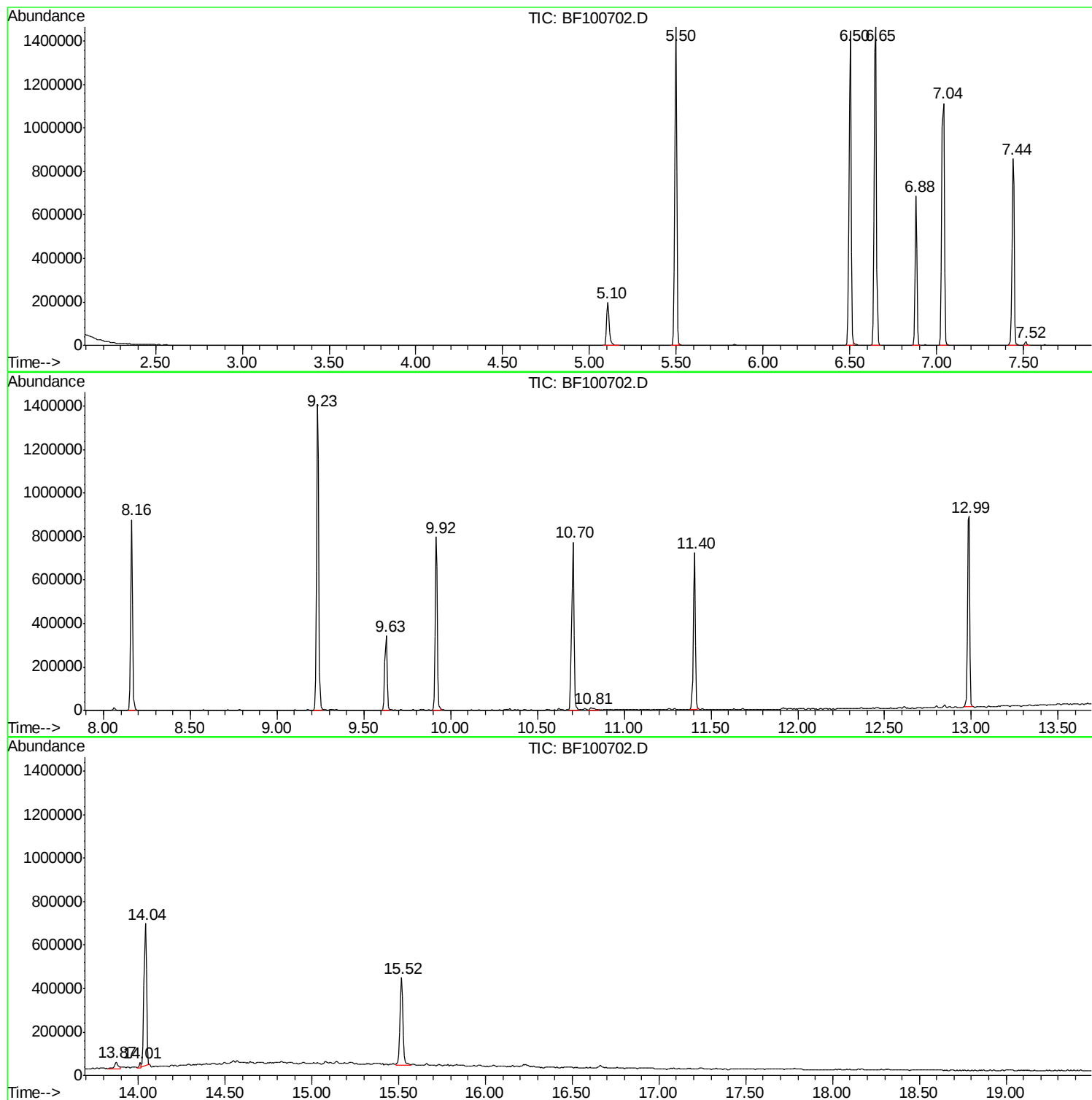
Sum of corrected areas: 12813487

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.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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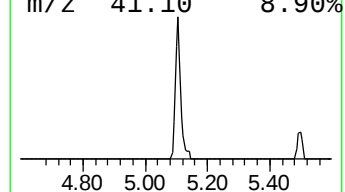
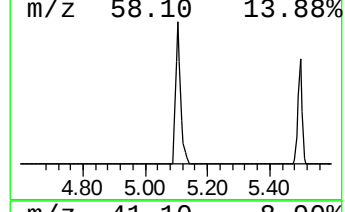
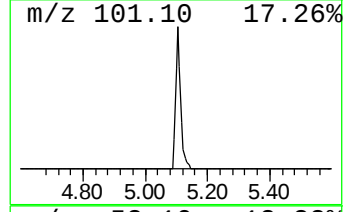
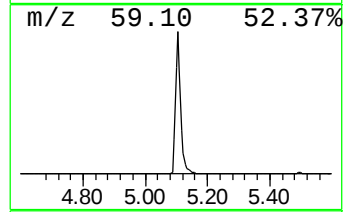
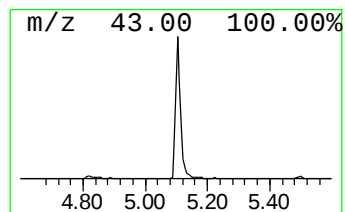
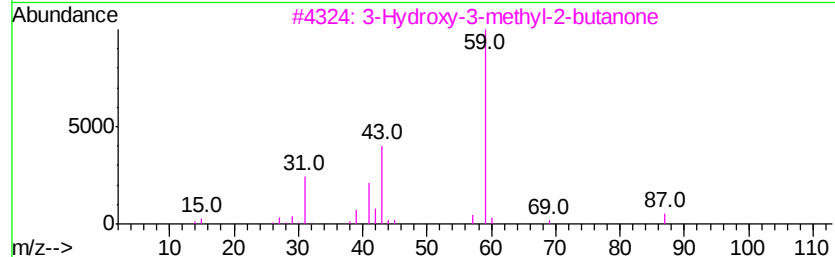
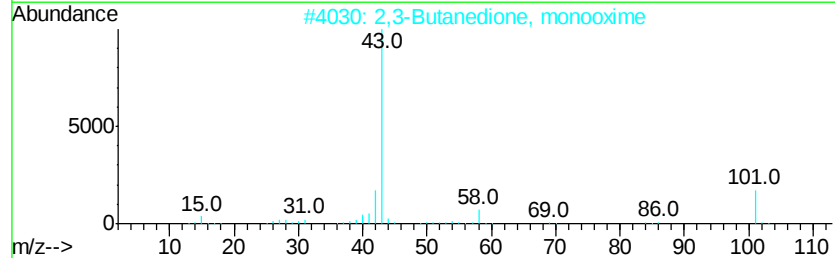
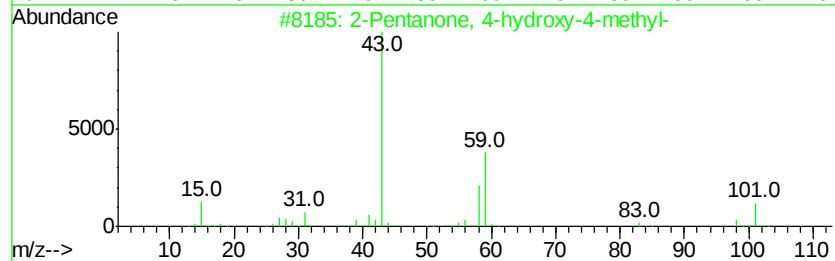
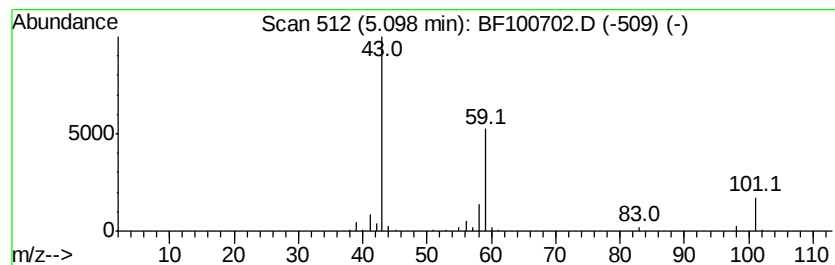
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.10 | 8.40 ng | 230185 | 1,4-Dichlorobenzene-d4 | 6.88 |

| Hit# of | 5                                    | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|--------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-     | 116          | C6H12O2  | 000123-42-2 | 53   |      |
| 2       | 2,3-Butanedione, monooxime           | 101          | C4H7NO2  | 000057-71-6 | 9    |      |
| 3       | 3-Hydroxy-3-methyl-2-butanone        | 102          | C5H10O2  | 000115-22-0 | 9    |      |
| 4       | Acetic acid, cyano-, 1,1-dimethyl... | 141          | C7H11NO2 | 001116-98-9 | 9    |      |
| 5       | 1-Propen-2-ol, acetate               | 100          | C5H8O2   | 000108-22-5 | 9    |      |



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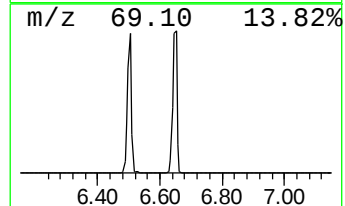
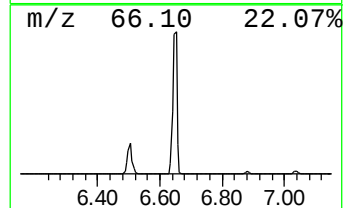
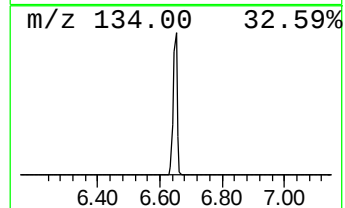
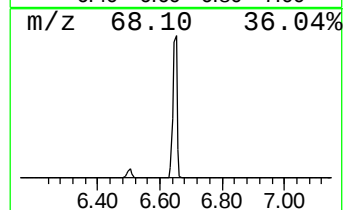
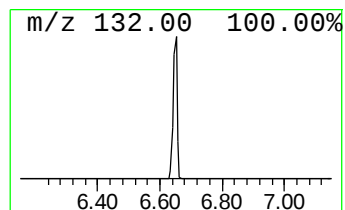
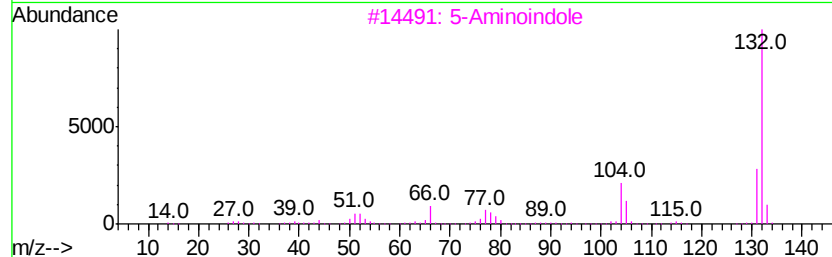
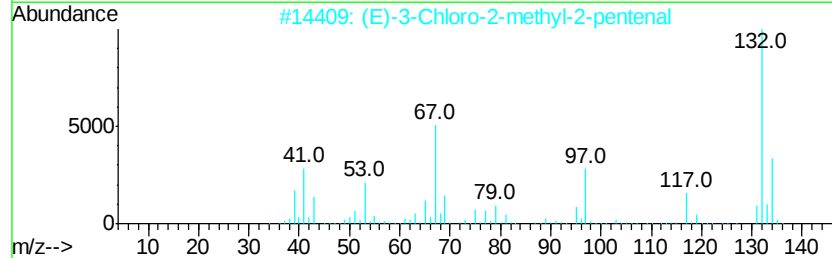
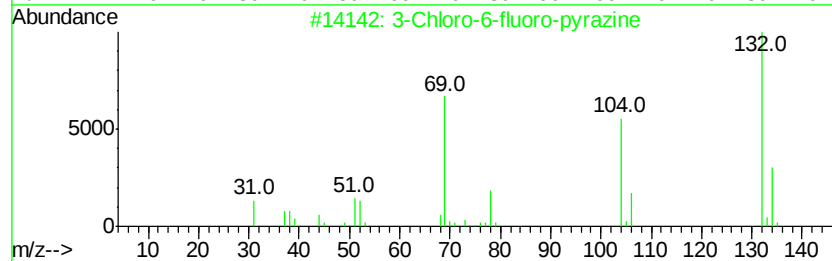
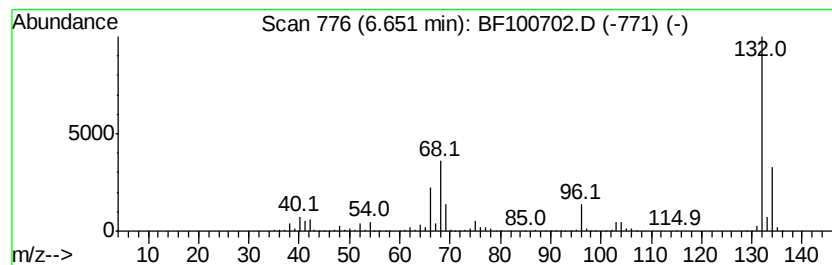
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Peak Number 2 unknown6.65 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.65 | 49.54 ng | 1357480 | 1,4-Dichlorobenzene-d4 | 6.88 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | 1,3,5-Trifluorobenzene           | 132 | C6H3F3    | 000372-38-3  | 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... | 5.10 | 8.4     | ng    | 230185   | 1                     | 6.88 | 547982 | 20.0 |
| unknown6.65          | 6.65 | 49.5    | ng    | 1357480  | 1                     | 6.88 | 547982 | 20.0 |