

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121115\  
 Data File : BF083721.D  
 Acq On : 12 Dec 2015 3:29  
 Operator : UM/IZ  
 Sample : G4648-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-01(21-24.75)

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-BF121115.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         | 5.116       | 262           | 265         | 271          | rBV      | 524409         | 718477        | 18.27%          | 2.309%        |
| 2         | 5.527       | 298           | 301         | 304          | rBV      | 2601278        | 3389935       | 86.22%          | 10.897%       |
| 3         | 6.544       | 387           | 390         | 393          | rBV      | 2686130        | 3090326       | 78.60%          | 9.934%        |
| 4         | 6.693       | 400           | 403         | 405          | rBV      | 3325616        | 3616811       | 91.99%          | 11.626%       |
| 5         | 6.922       | 421           | 423         | 426          | rBV      | 883570         | 746654        | 18.99%          | 2.400%        |
| 6         | 7.082       | 434           | 437         | 439          | rVB      | 3029627        | 2729845       | 69.43%          | 8.775%        |
| 7         | 7.482       | 469           | 472         | 474          | rBV      | 2216361        | 2170291       | 55.20%          | 6.976%        |
| 8         | 8.202       | 533           | 535         | 538          | rVB      | 810029         | 944558        | 24.02%          | 3.036%        |
| 9         | 9.287       | 627           | 630         | 632          | rBV      | 3513644        | 3931672       | 100.00%         | 12.638%       |
| 10        | 9.676       | 661           | 664         | 666          | rBV      | 518555         | 506547        | 12.88%          | 1.628%        |
| 11        | 9.905       | 681           | 684         | 686          | rVB      | 49191          | 45832         | 1.17%           | 0.147%        |
| 12        | 9.962       | 686           | 689         | 691          | rBV      | 1075363        | 1065127       | 27.09%          | 3.424%        |
| 13        | 10.396      | 726           | 727         | 729          | rVB      | 67207          | 61518         | 1.56%           | 0.198%        |
| 14        | 10.739      | 755           | 757         | 760          | rBV      | 1998131        | 2204316       | 56.07%          | 7.086%        |
| 15        | 10.876      | 767           | 769         | 773          | rBV      | 56708          | 93594         | 2.38%           | 0.301%        |
| 16        | 11.436      | 816           | 818         | 821          | rBV      | 1192915        | 1008943       | 25.66%          | 3.243%        |
| 17        | 13.025      | 954           | 957         | 959          | rBV      | 3330931        | 3383079       | 86.05%          | 10.875%       |
| 18        | 14.065      | 1046          | 1048        | 1050         | rBV      | 941292         | 841931        | 21.41%          | 2.706%        |
| 19        | 15.505      | 1171          | 1174        | 1177         | rBV      | 486042         | 560366        | 14.25%          | 1.801%        |

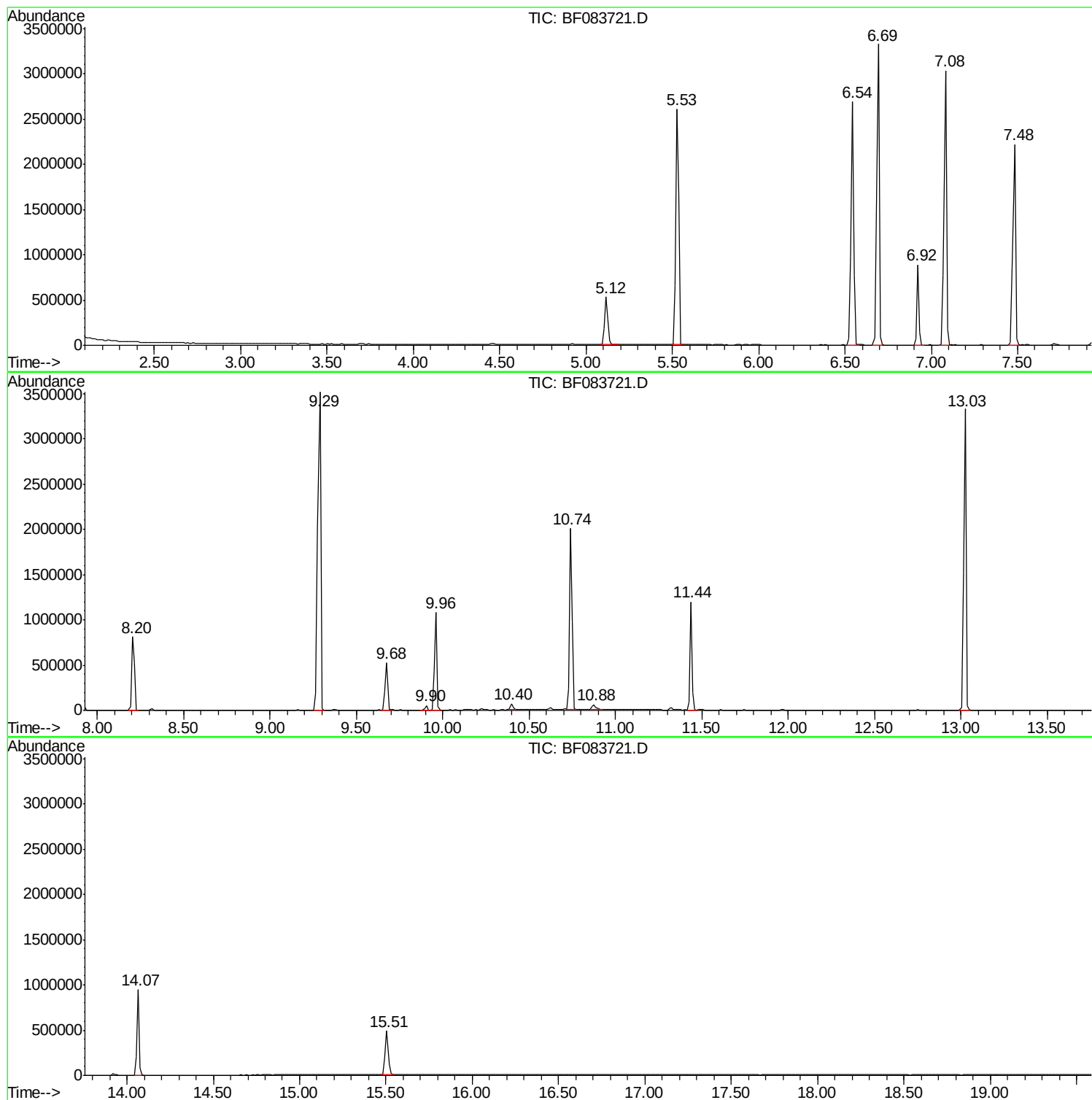
Sum of corrected areas: 31109822

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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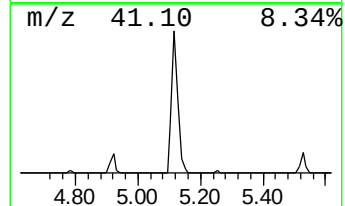
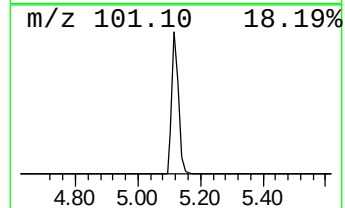
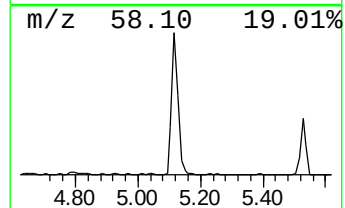
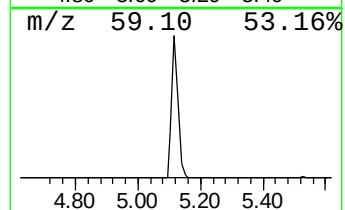
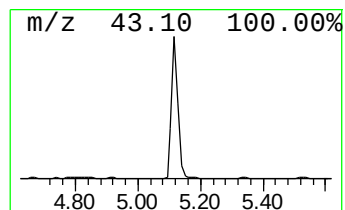
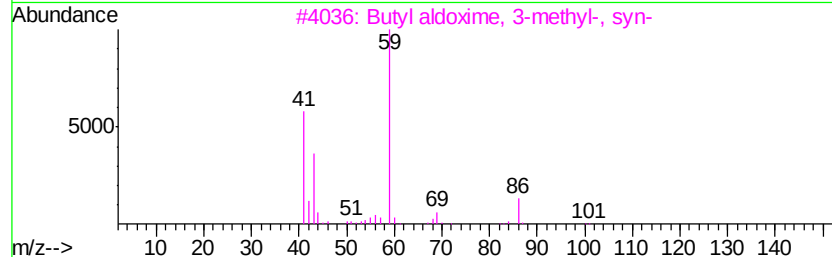
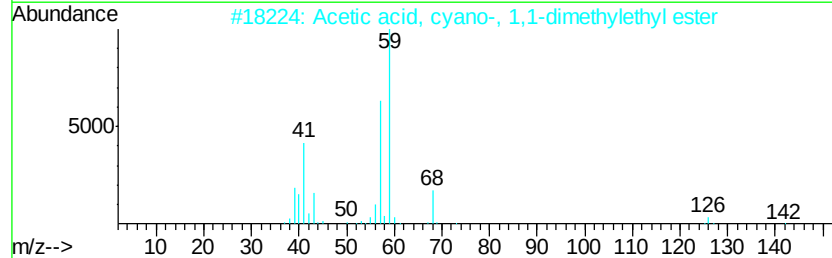
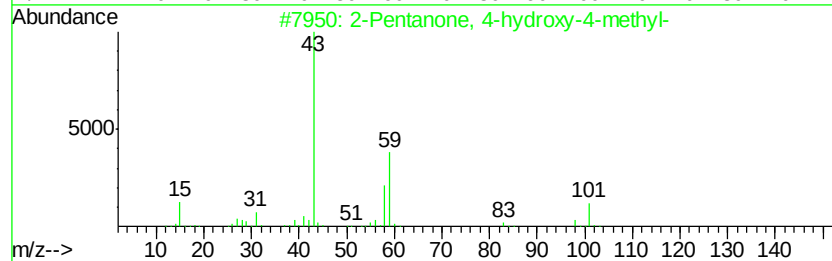
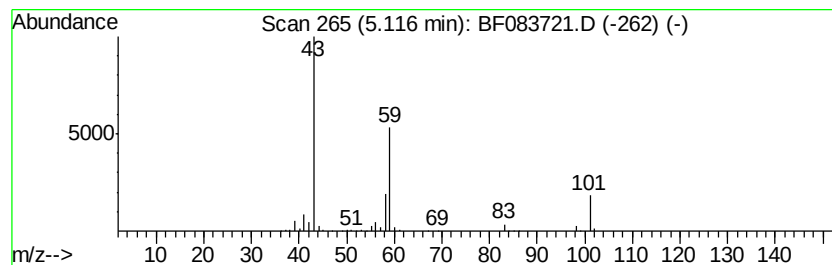
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121115.M  
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|--------|------------------------|------|
| 5.12 | 19.25 ng | 718477 | 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    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 3    |    |   | Butyl aldoxime, 3-methyl-, syn-      | 101 | C5H11NO  | 005780-40-5 | 23   |
| 4    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 16   |
| 5    |    |   | 1-Propen-2-ol, acetate               | 100 | C5H8O2   | 000108-22-5 | 10   |



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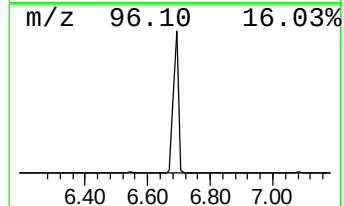
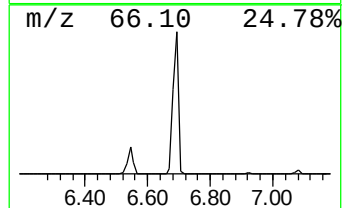
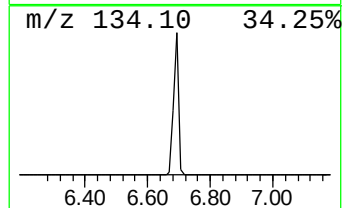
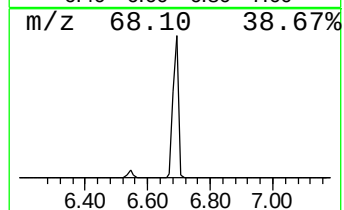
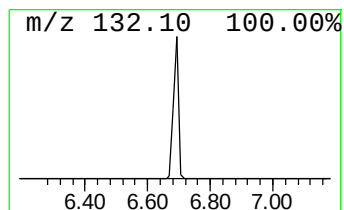
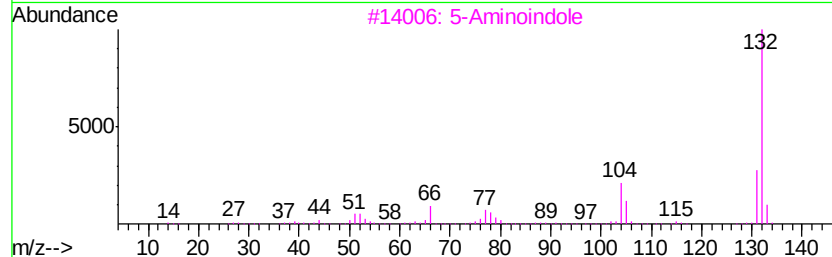
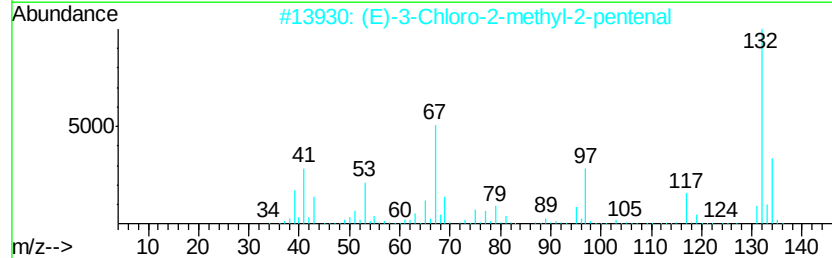
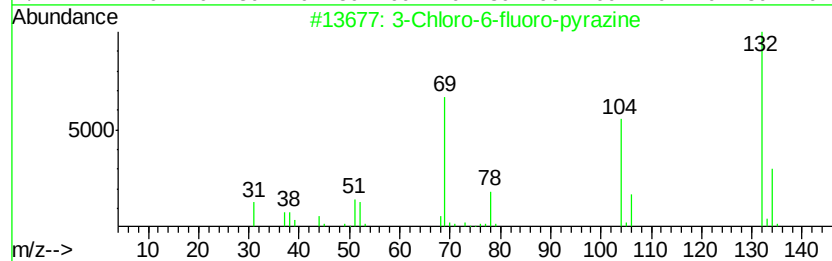
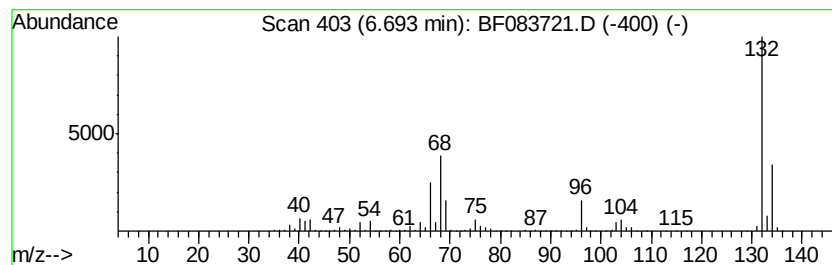
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Peak Number 2 unknown6.69 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.69 | 96.88 ng | 3616810 | 1,4-Dichlorobenzene-d4 | 6.92 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Benzene, 1,3,5-trifluoro-           | 132 | C6H3F3    | 000372-38-3  | 9    |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.12 | 19.3    | ng    | 718477   | 1                     | 6.92 | 746654 | 20.0 |
| unknown6.69          | 6.69 | 96.9    | ng    | 3616810  | 1                     | 6.92 | 746654 | 20.0 |