

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF111414\  
 Data File : BF075532.D  
 Acq On : 15 Nov 2014 10:39  
 Operator : TP / JJ  
 Sample : F4706-06  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FIELDBLANK-111014

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-BF111214.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         | 1.761       | 56            | 59          | 62           | rVV      | 440082         | 590410        | 19.68%          | 3.425%        |
| 2         | 1.830       | 63            | 65          | 72           | rVB      | 100529         | 157110        | 5.24%           | 0.911%        |
| 3         | 1.967       | 72            | 77          | 119          | rVB2     | 1130429        | 2999448       | 100.00%         | 17.400%       |
| 4         | 5.339       | 370           | 372         | 377          | rBV      | 124193         | 137156        | 4.57%           | 0.796%        |
| 5         | 5.830       | 413           | 415         | 418          | rBV      | 498537         | 591854        | 19.73%          | 3.433%        |
| 6         | 7.087       | 523           | 525         | 527          | rBV      | 442281         | 363050        | 12.10%          | 2.106%        |
| 7         | 7.259       | 537           | 540         | 542          | rBV      | 1152937        | 1194929       | 39.84%          | 6.932%        |
| 8         | 7.545       | 563           | 565         | 568          | rBV      | 437102         | 491528        | 16.39%          | 2.851%        |
| 9         | 7.739       | 579           | 582         | 584          | rBV      | 1204742        | 1150015       | 38.34%          | 6.671%        |
| 10        | 8.242       | 623           | 626         | 628          | rBV      | 935572         | 953770        | 31.80%          | 5.533%        |
| 11        | 9.133       | 701           | 704         | 706          | rVB      | 620399         | 682427        | 22.75%          | 3.959%        |
| 12        | 10.471      | 819           | 821         | 824          | rBV      | 1507083        | 1681817       | 56.07%          | 9.756%        |
| 13        | 11.305      | 892           | 894         | 897          | rBV      | 628454         | 731127        | 24.38%          | 4.241%        |
| 14        | 12.288      | 977           | 980         | 983          | rBV      | 1084004        | 1037314       | 34.58%          | 6.018%        |
| 15        | 13.157      | 1053          | 1056        | 1059         | rBV      | 800243         | 760298        | 25.35%          | 4.411%        |
| 16        | 15.157      | 1228          | 1231        | 1233         | rBV      | 1579033        | 1861549       | 62.06%          | 10.799%       |
| 17        | 16.448      | 1341          | 1344        | 1347         | rBV      | 878383         | 889605        | 29.66%          | 5.161%        |
| 18        | 18.197      | 1494          | 1497        | 1500         | rBV      | 716409         | 964623        | 32.16%          | 5.596%        |

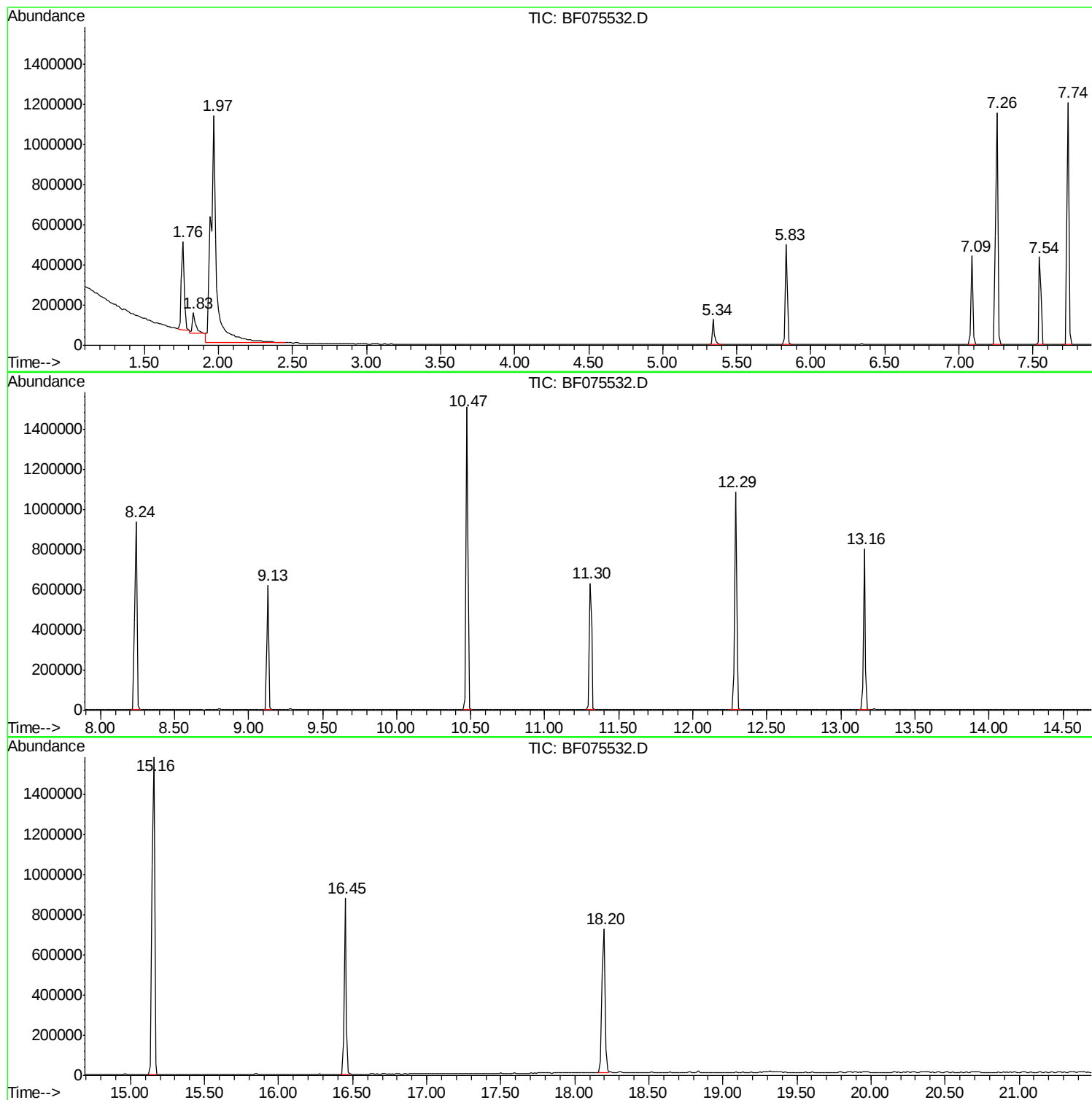
Sum of corrected areas: 17238030

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF111214.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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

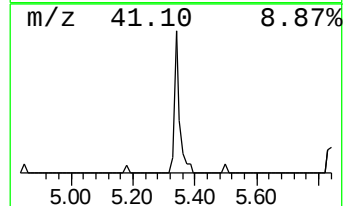
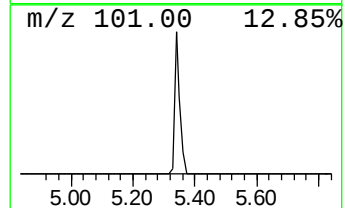
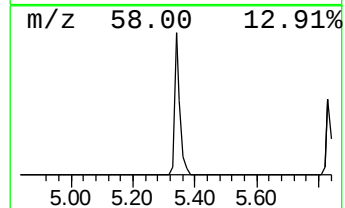
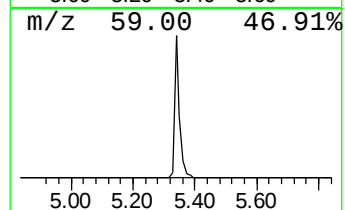
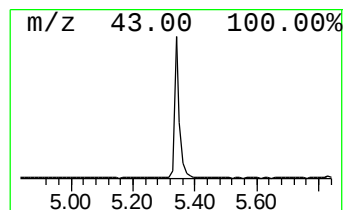
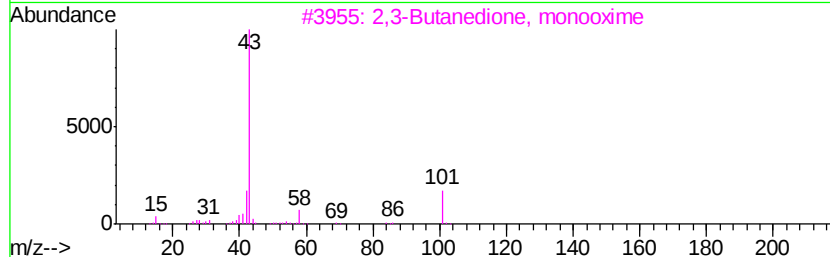
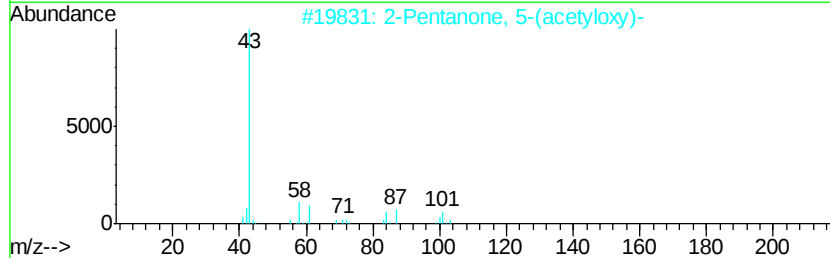
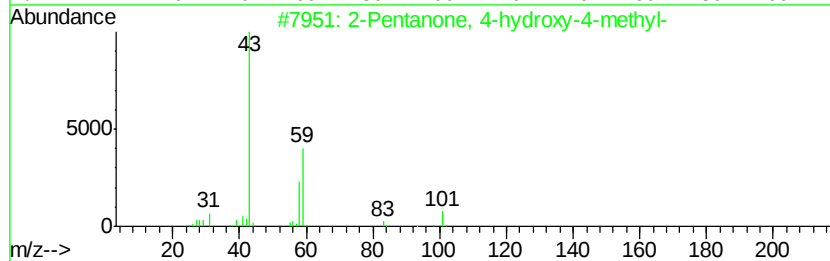
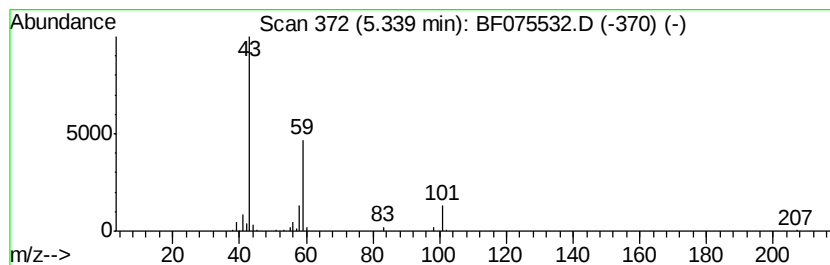
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.34 | 5.58 ng | 137156 | 1,4-Dichlorobenzene-d4 | 7.54 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 45   |
| 2    |    | 2-Pentanone, 5-(acetyloxy)-      | 144 | C7H12O3 | 005185-97-7 | 9    |
| 3    |    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 7    |
| 4    |    | Formamide, N,N-diethyl-          | 101 | C5H11NO | 000617-84-5 | 7    |
| 5    |    | Propylamine                      | 59  | C3H9N   | 000107-10-8 | 7    |



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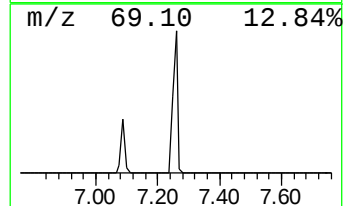
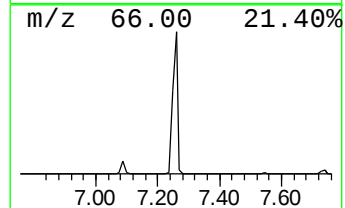
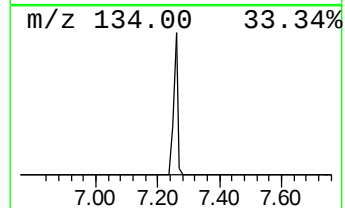
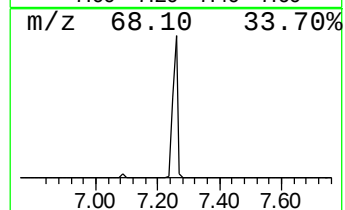
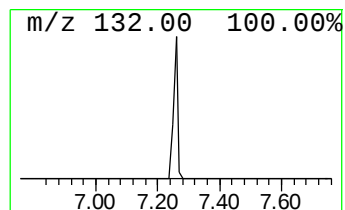
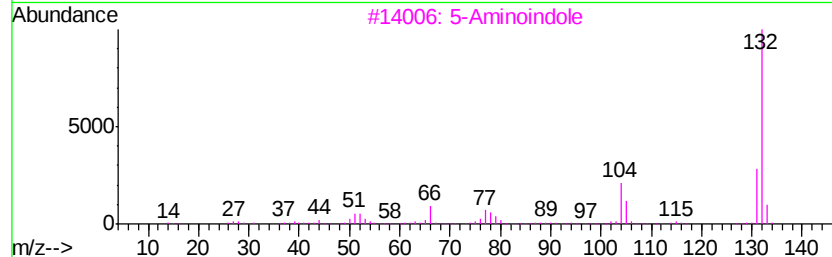
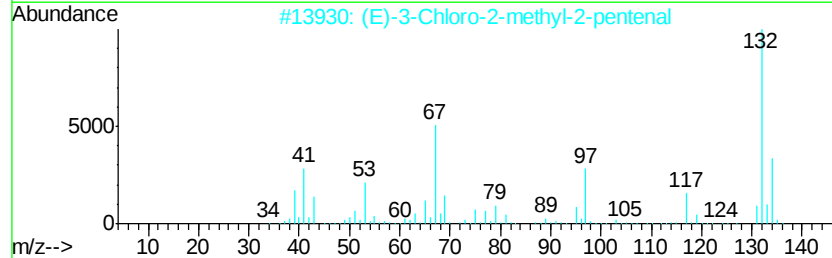
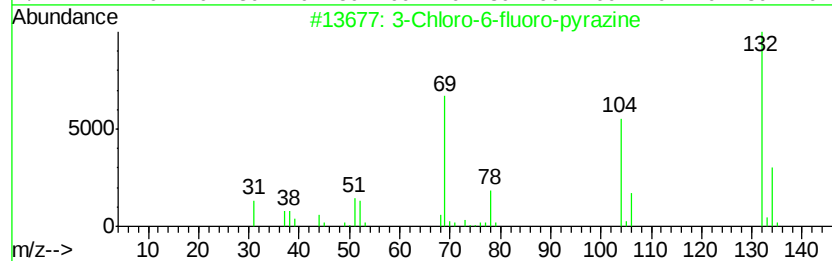
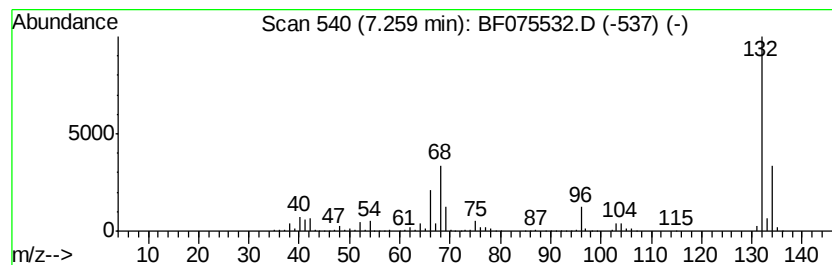
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Peak Number 5 unknown7.26 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.26 | 48.62 ng | 1194930 | 1,4-Dichlorobenzene-d4 | 7.54 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | 4-Chloro-6-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.34 | 5.6     | ng    | 137156   | 1                     | 7.54 | 491528 | 20.0 |
| unknown7.26          | 7.26 | 48.6    | ng    | 1194930  | 1                     | 7.54 | 491528 | 20.0 |