

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090415\  
 Data File : BF081429.D  
 Acq On : 4 Sep 2015 20:23  
 Operator : UM/IZ  
 Sample : PB85372BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB85372BL

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-BF090115.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         | 4.421       | 244           | 248         | 263          | rBV      | 538384         | 1102563       | 49.72%          | 6.034%        |
| 2         | 4.913       | 288           | 291         | 294          | rBV      | 1751398        | 1872353       | 84.43%          | 10.246%       |
| 3         | 6.033       | 386           | 389         | 391          | rBV      | 1997402        | 2217713       | 100.00%         | 12.136%       |
| 4         | 6.124       | 395           | 397         | 400          | rVV      | 1976582        | 1778189       | 80.18%          | 9.731%        |
| 5         | 6.353       | 415           | 417         | 420          | rBV      | 478027         | 464684        | 20.95%          | 2.543%        |
| 6         | 6.513       | 428           | 431         | 433          | rBV      | 1720423        | 1478975       | 66.69%          | 8.093%        |
| 7         | 6.936       | 465           | 468         | 470          | rBV      | 1308689        | 1331538       | 60.04%          | 7.287%        |
| 8         | 7.644       | 528           | 530         | 533          | rBV      | 659190         | 592496        | 26.72%          | 3.242%        |
| 9         | 8.730       | 622           | 625         | 627          | rBV      | 2296965        | 2127547       | 95.93%          | 11.643%       |
| 10        | 9.382       | 680           | 682         | 685          | rBV2     | 539622         | 608344        | 27.43%          | 3.329%        |
| 11        | 10.170      | 748           | 751         | 753          | rBV      | 1269742        | 1218677       | 54.95%          | 6.669%        |
| 12        | 10.845      | 808           | 810         | 813          | rBV      | 498159         | 654495        | 29.51%          | 3.582%        |
| 13        | 12.433      | 946           | 949         | 952          | rBV      | 1666602        | 1963773       | 88.55%          | 10.746%       |
| 14        | 13.451      | 1036          | 1038        | 1041         | rBV      | 410181         | 499496        | 22.52%          | 2.733%        |
| 15        | 14.765      | 1150          | 1153        | 1155         | rBV      | 331356         | 362874        | 16.36%          | 1.986%        |

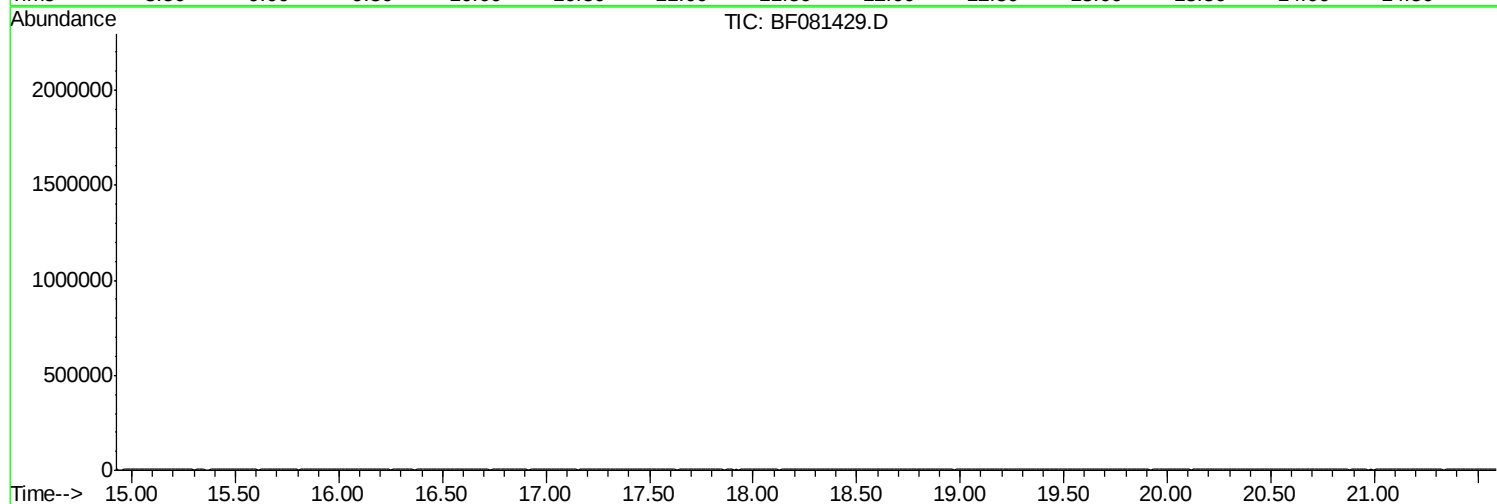
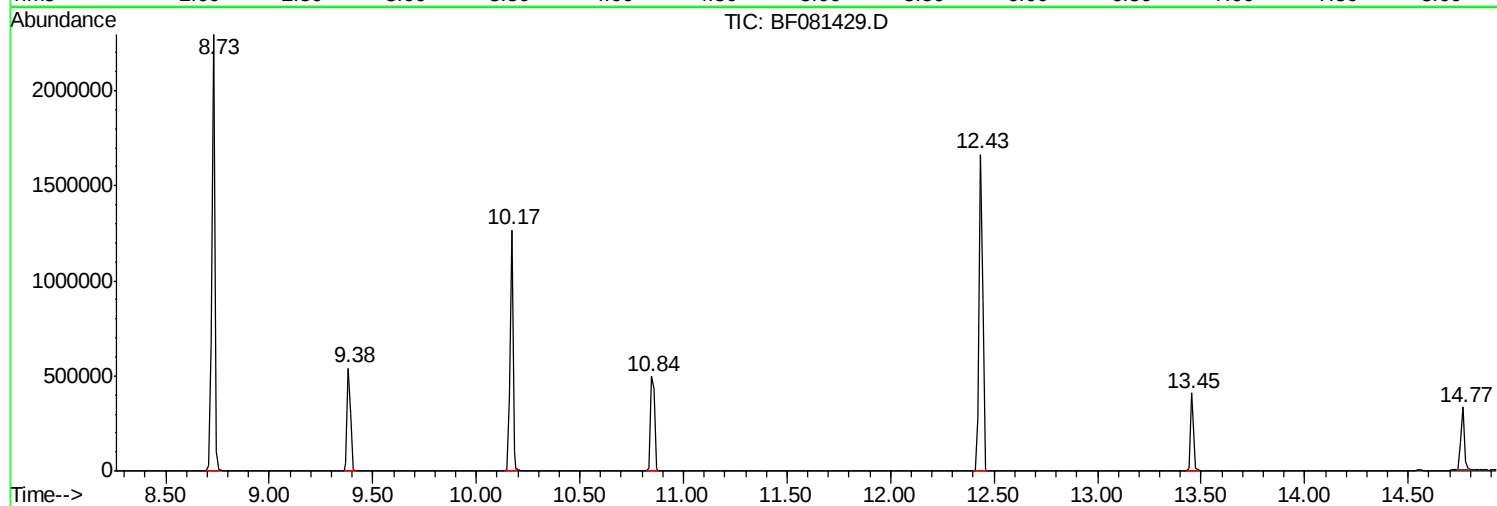
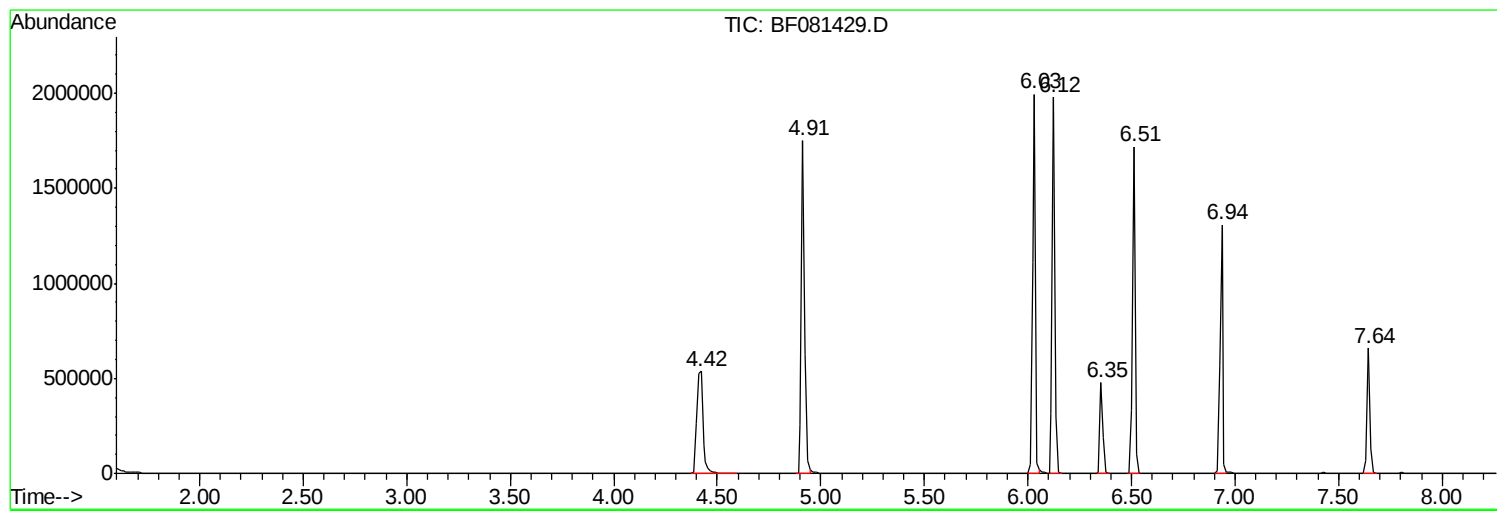
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

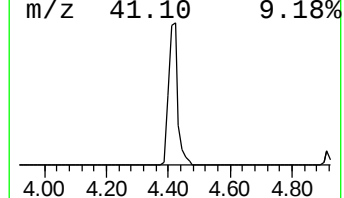
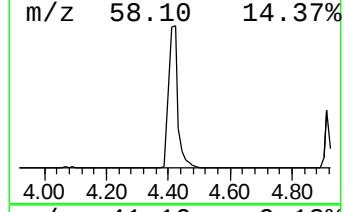
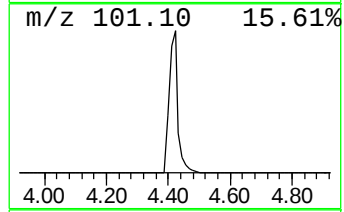
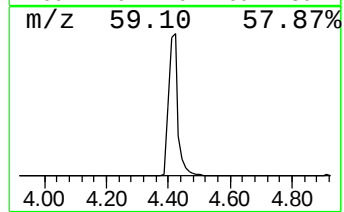
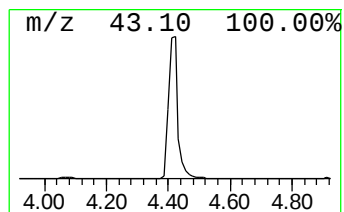
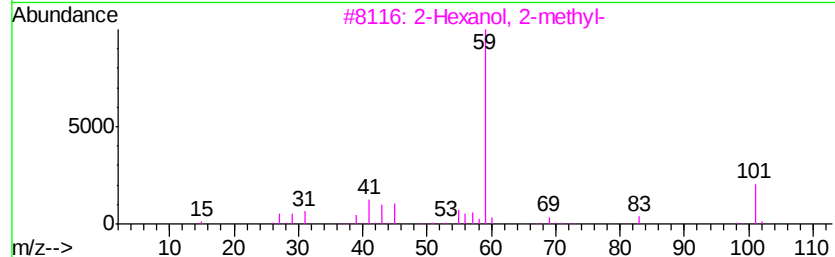
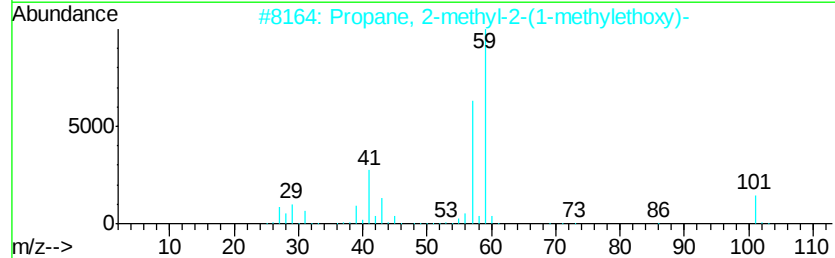
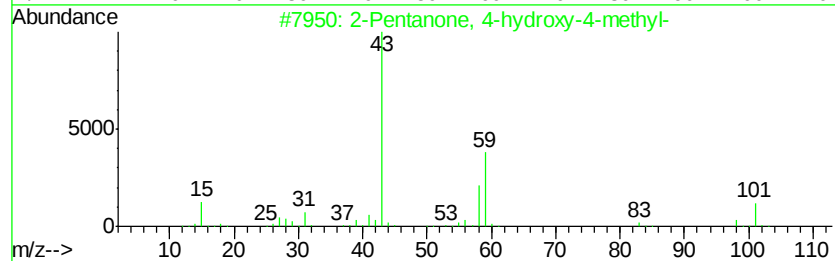
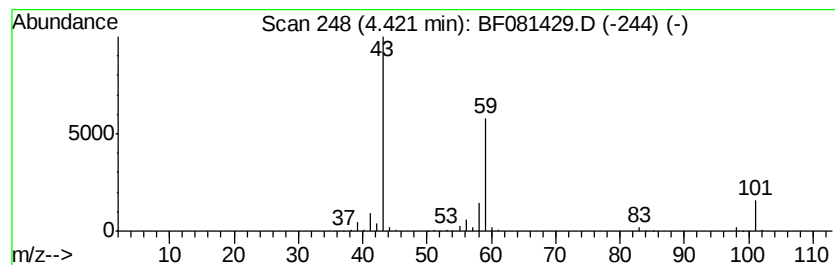
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|---------|------------------------|------|
| 4.42 | 47.45 ng | 1102560 | 1,4-Dichlorobenzene-d4 | 6.35 |

| 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 | 36   |
| 3    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 33   |
| 4    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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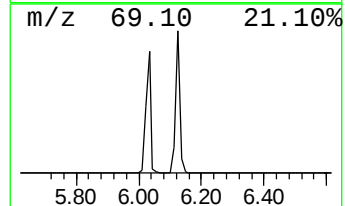
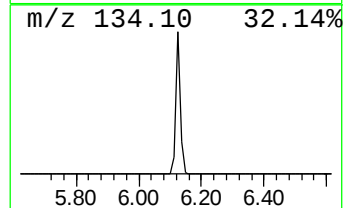
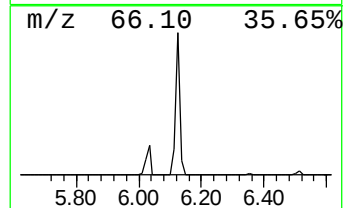
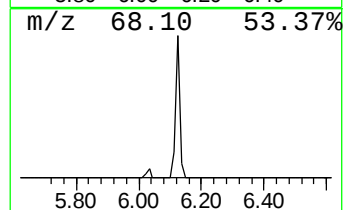
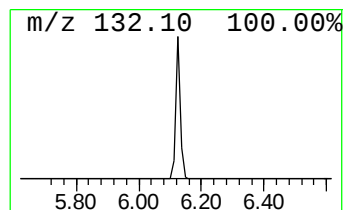
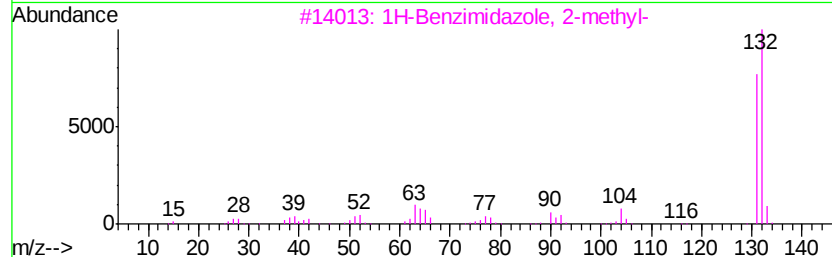
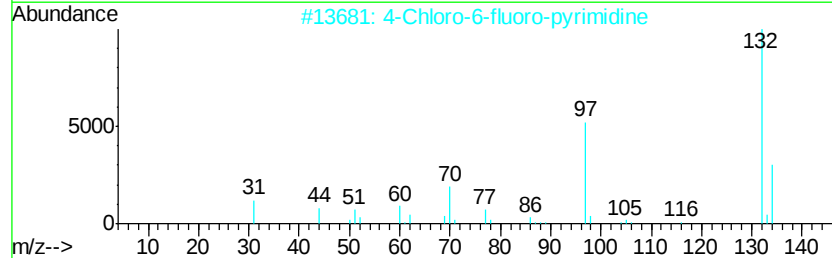
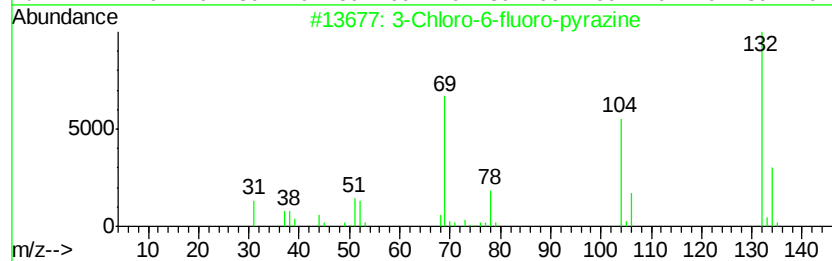
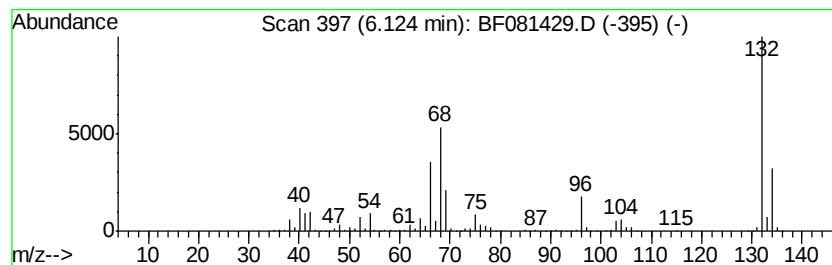
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Peak Number 2 unknown6.12 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.12 | 76.53 ng | 1778190 | 1,4-Dichlorobenzene-d4 | 6.35 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 5    |    | 2-Cyclohexen-1-one           | 96  | C6H8O     | 000930-68-7  | 11   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.42 | 47.5    | ng    | 1102560  | 1                     | 6.35 | 464684 | 20.0 |
| unknown6.12          | 6.12 | 76.5    | ng    | 1778190  | 1                     | 6.35 | 464684 | 20.0 |