

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061417\  
 Data File : BF095927.D  
 Acq On : 14 Jun 2017 17:37  
 Operator : SJ/MA  
 Sample : PB99714BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB99714BL

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-BF060517.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         | 4.539       | 498           | 502         | 521          | rBV      | 60666          | 162551        | 7.43%           | 1.136%        |
| 2         | 5.234       | 617           | 620         | 654          | rBV      | 475637         | 1093055       | 49.99%          | 7.638%        |
| 3         | 6.898       | 899           | 903         | 915          | rBV      | 539995         | 1015493       | 46.45%          | 7.096%        |
| 4         | 6.992       | 915           | 919         | 940          | rVB      | 790365         | 1352117       | 61.84%          | 9.448%        |
| 5         | 7.333       | 973           | 977         | 993          | rVB      | 281416         | 379656        | 17.36%          | 2.653%        |
| 6         | 7.569       | 1012          | 1017        | 1034         | rBV      | 1014548        | 1403353       | 64.19%          | 9.806%        |
| 7         | 8.251       | 1129          | 1133        | 1157         | rBV      | 662810         | 1029979       | 47.11%          | 7.197%        |
| 8         | 9.369       | 1318          | 1323        | 1346         | rBV      | 334030         | 518394        | 23.71%          | 3.622%        |
| 9         | 11.145      | 1619          | 1625        | 1650         | rBV      | 1647063        | 2178325       | 99.63%          | 15.221%       |
| 10        | 12.186      | 1797          | 1802        | 1819         | rBV2     | 433301         | 599755        | 27.43%          | 4.191%        |
| 11        | 13.480      | 2017          | 2022        | 2043         | rBV      | 514058         | 788614        | 36.07%          | 5.511%        |
| 12        | 14.580      | 2204          | 2209        | 2227         | rBV2     | 408027         | 610703        | 27.93%          | 4.267%        |
| 13        | 16.962      | 2607          | 2614        | 2617         | rBV      | 1689155        | 2186403       | 100.00%         | 15.278%       |
| 14        | 18.297      | 2837          | 2841        | 2851         | rBV      | 405232         | 561057        | 25.66%          | 3.920%        |
| 15        | 19.968      | 3121          | 3125        | 3140         | rBV      | 300321         | 431436        | 19.73%          | 3.015%        |

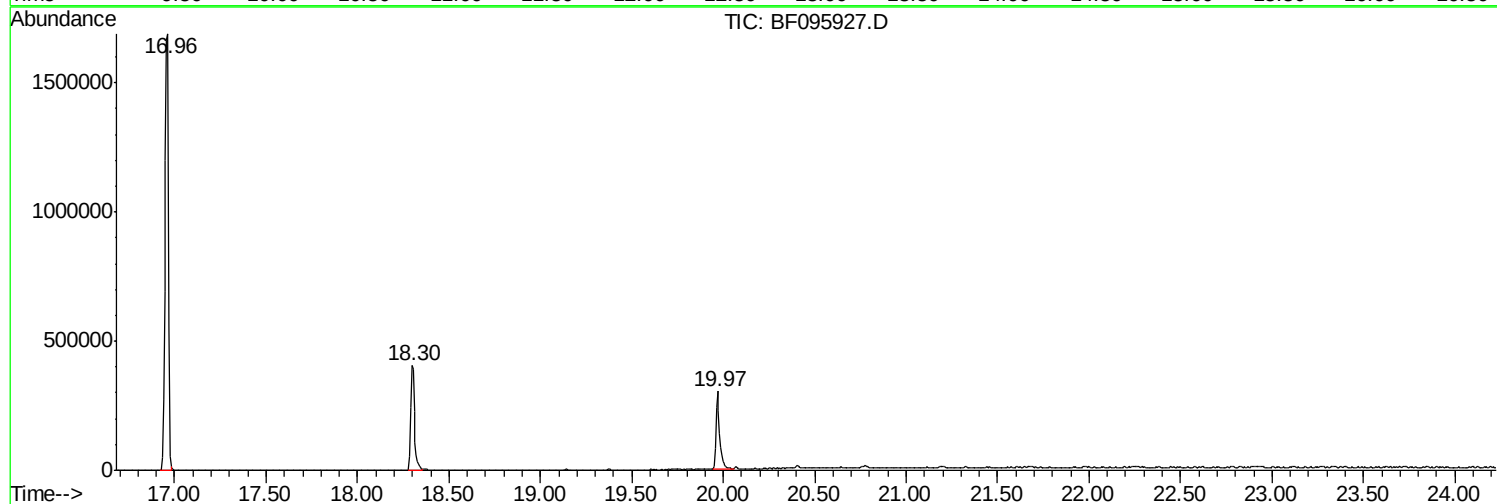
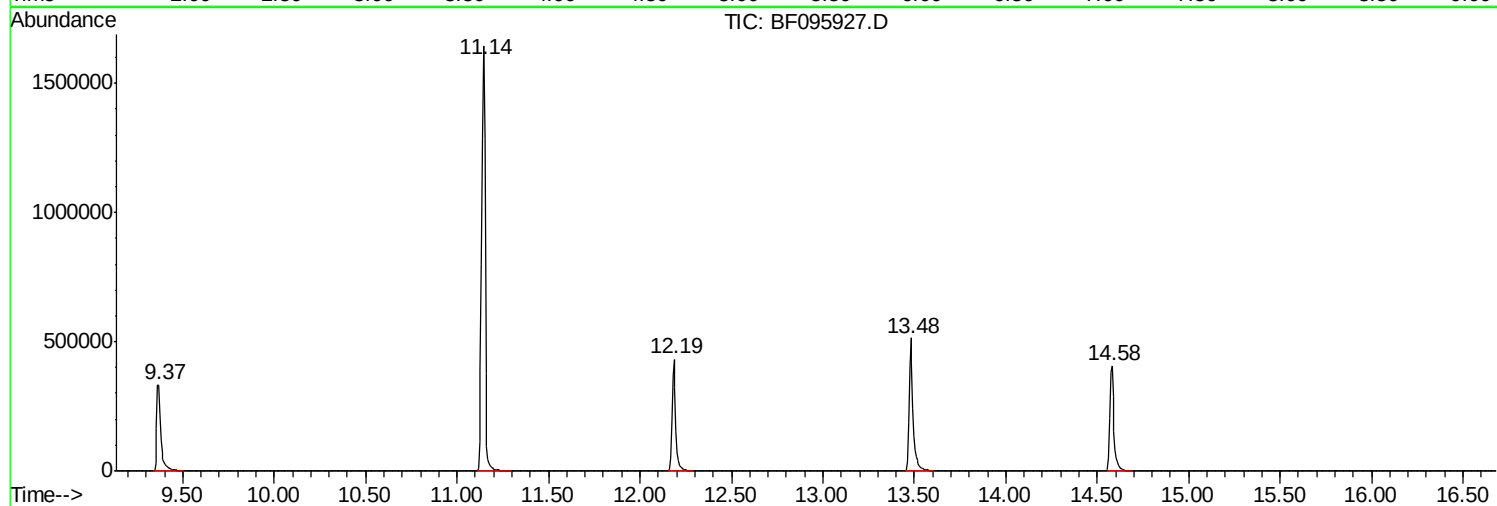
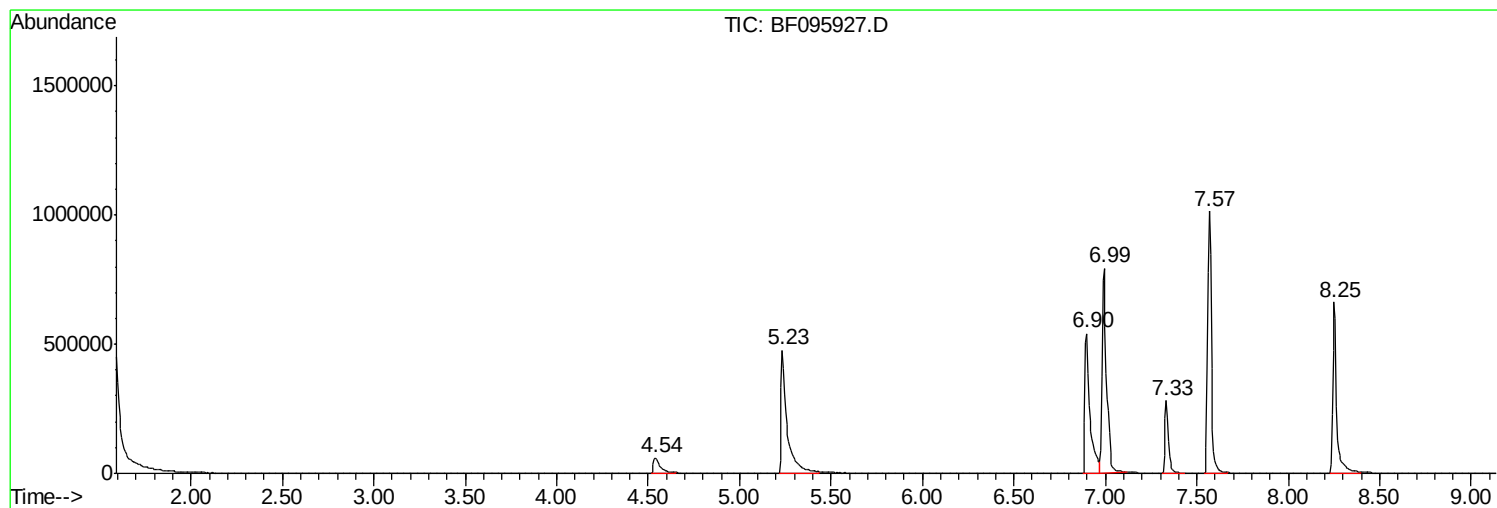
Sum of corrected areas: 14310891

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

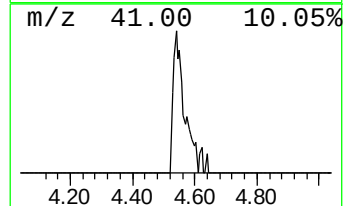
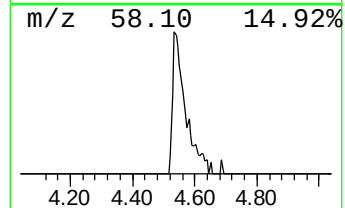
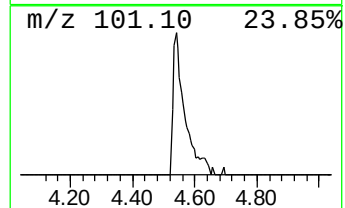
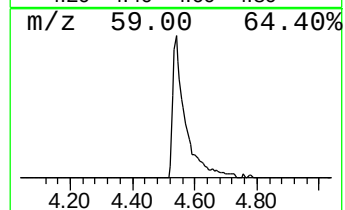
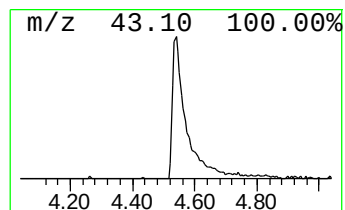
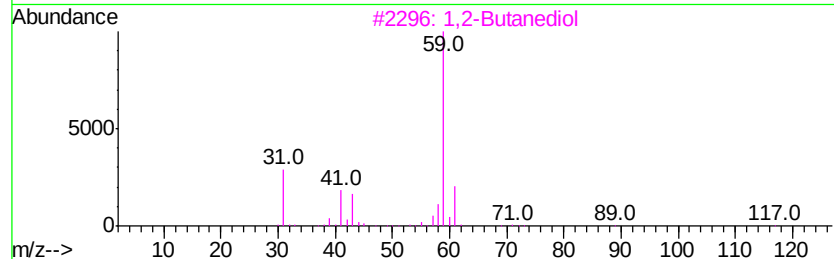
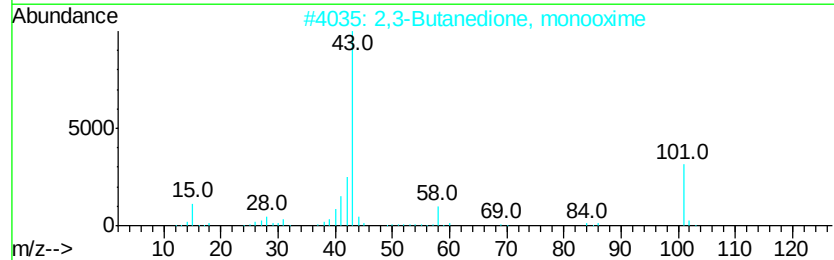
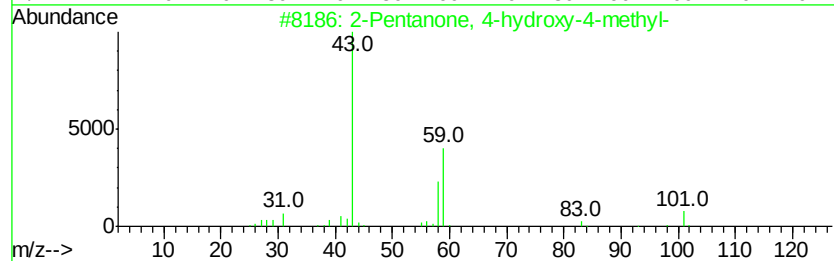
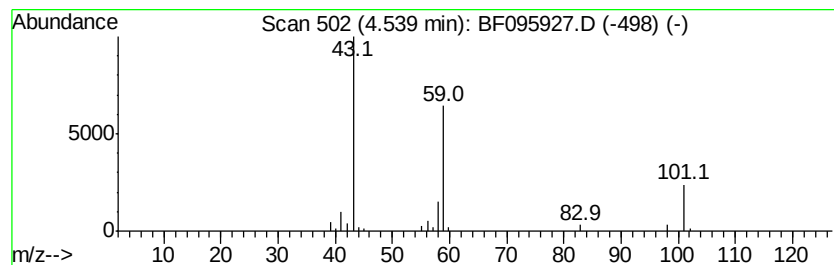
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TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|--------|------------------------|------|
| 4.54 | 8.56 ng | 162551 | 1,4-Dichlorobenzene-d4 | 7.33 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56   |
| 2    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 25   |
| 3    |    |   | 1,2-Butanediol                   | 90  | C4H10O2 | 000584-03-2 | 23   |
| 4    |    |   | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9 | 9    |
| 5    |    |   | Butane, 1-ethoxy-                | 102 | C6H14O  | 000628-81-9 | 9    |



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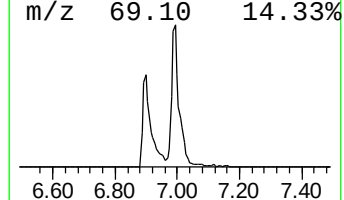
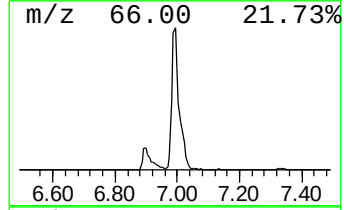
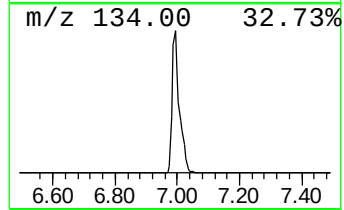
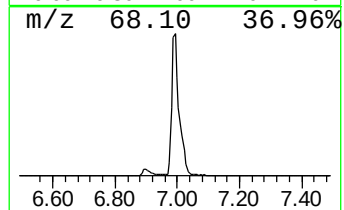
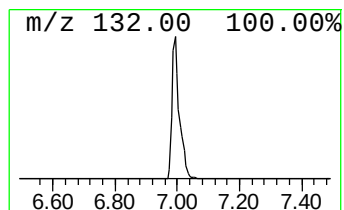
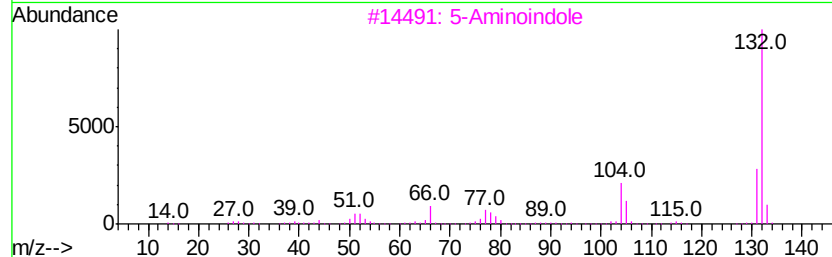
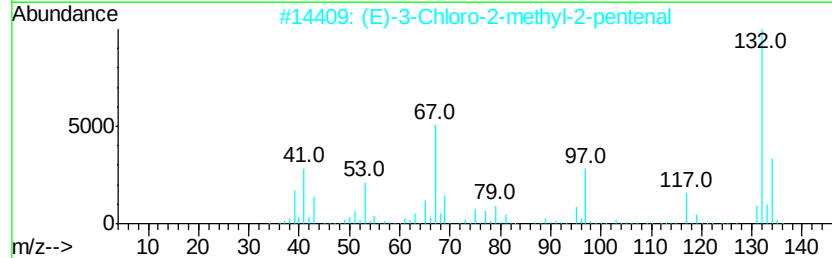
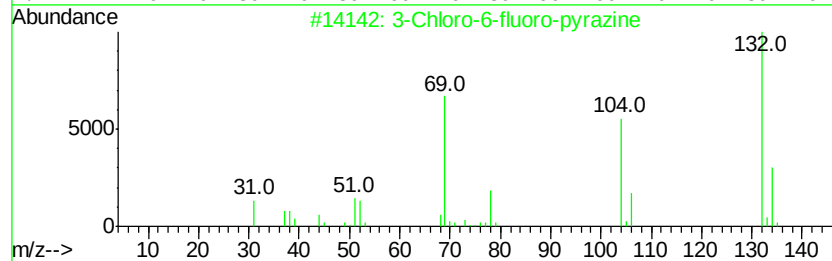
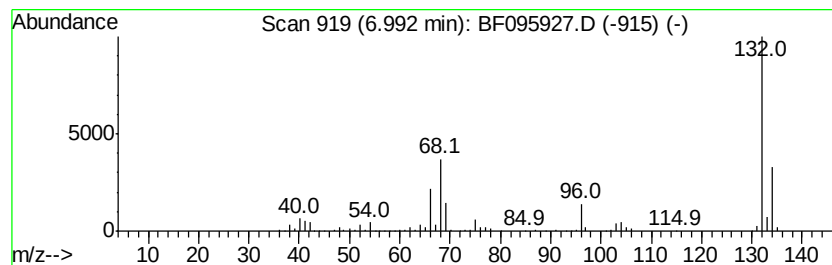
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Peak Number 2 unknown6.99 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.99 | 71.23 ng | 1352120 | 1,4-Dichlorobenzene-d4 | 7.33 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Xenon                            | 132 | Xe        | 007440-63-3  | 9    |
| 5    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.54 | 8.6     | ng    | 162551   | 1                     | 7.33 | 379656 | 20.0 |
| unknown6.99          | 6.99 | 71.2    | ng    | 1352120  | 1                     | 7.33 | 379656 | 20.0 |