

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
 Data File : BF092469.D  
 Acq On : 25 Jan 2017 11:53  
 Operator : SJ/MA  
 Sample : PB96126BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB96126BL

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-BF012417.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         | 4.830       | 238           | 240         | 248          | rVB      | 29212          | 51652         | 1.06%           | 0.119%        |
| 2         | 5.173       | 266           | 270         | 278          | rBV      | 1250944        | 1994612       | 41.08%          | 4.582%        |
| 3         | 5.573       | 302           | 305         | 307          | rBV      | 4081652        | 4630535       | 95.36%          | 10.637%       |
| 4         | 6.590       | 390           | 394         | 396          | rBV      | 4173287        | 4644376       | 95.65%          | 10.669%       |
| 5         | 6.727       | 404           | 406         | 409          | rBV      | 3312473        | 4357173       | 89.73%          | 10.010%       |
| 6         | 6.967       | 424           | 427         | 429          | rVB      | 1341493        | 1165227       | 24.00%          | 2.677%        |
| 7         | 7.127       | 438           | 441         | 443          | rBV      | 3239568        | 3542821       | 72.96%          | 8.139%        |
| 8         | 7.527       | 473           | 476         | 479          | rBV      | 2327778        | 2773072       | 57.11%          | 6.370%        |
| 9         | 8.259       | 537           | 540         | 542          | rBV      | 1575537        | 1572904       | 32.39%          | 3.613%        |
| 10        | 9.345       | 631           | 635         | 637          | rBV      | 4301604        | 4855702       | 100.00%         | 11.155%       |
| 11        | 10.019      | 691           | 694         | 697          | rBV      | 1449701        | 1720694       | 35.44%          | 3.953%        |
| 12        | 10.819      | 760           | 764         | 766          | rBV      | 1910840        | 2851098       | 58.72%          | 6.550%        |
| 13        | 11.516      | 822           | 825         | 827          | rVB      | 1373079        | 1765705       | 36.36%          | 4.056%        |
| 14        | 13.105      | 961           | 964         | 966          | rBV      | 4321112        | 4496926       | 92.61%          | 10.331%       |
| 15        | 14.145      | 1053          | 1055        | 1058         | rBV      | 1435324        | 1575708       | 32.45%          | 3.620%        |
| 16        | 15.631      | 1181          | 1185        | 1187         | rBV      | 990017         | 1339126       | 27.58%          | 3.076%        |
| 17        | 15.677      | 1187          | 1189        | 1192         | rVB      | 47569          | 66210         | 1.36%           | 0.152%        |
| 18        | 16.122      | 1225          | 1228        | 1232         | rVB      | 38444          | 64976         | 1.34%           | 0.149%        |
| 19        | 16.637      | 1270          | 1273        | 1278         | rVB      | 32374          | 61845         | 1.27%           | 0.142%        |

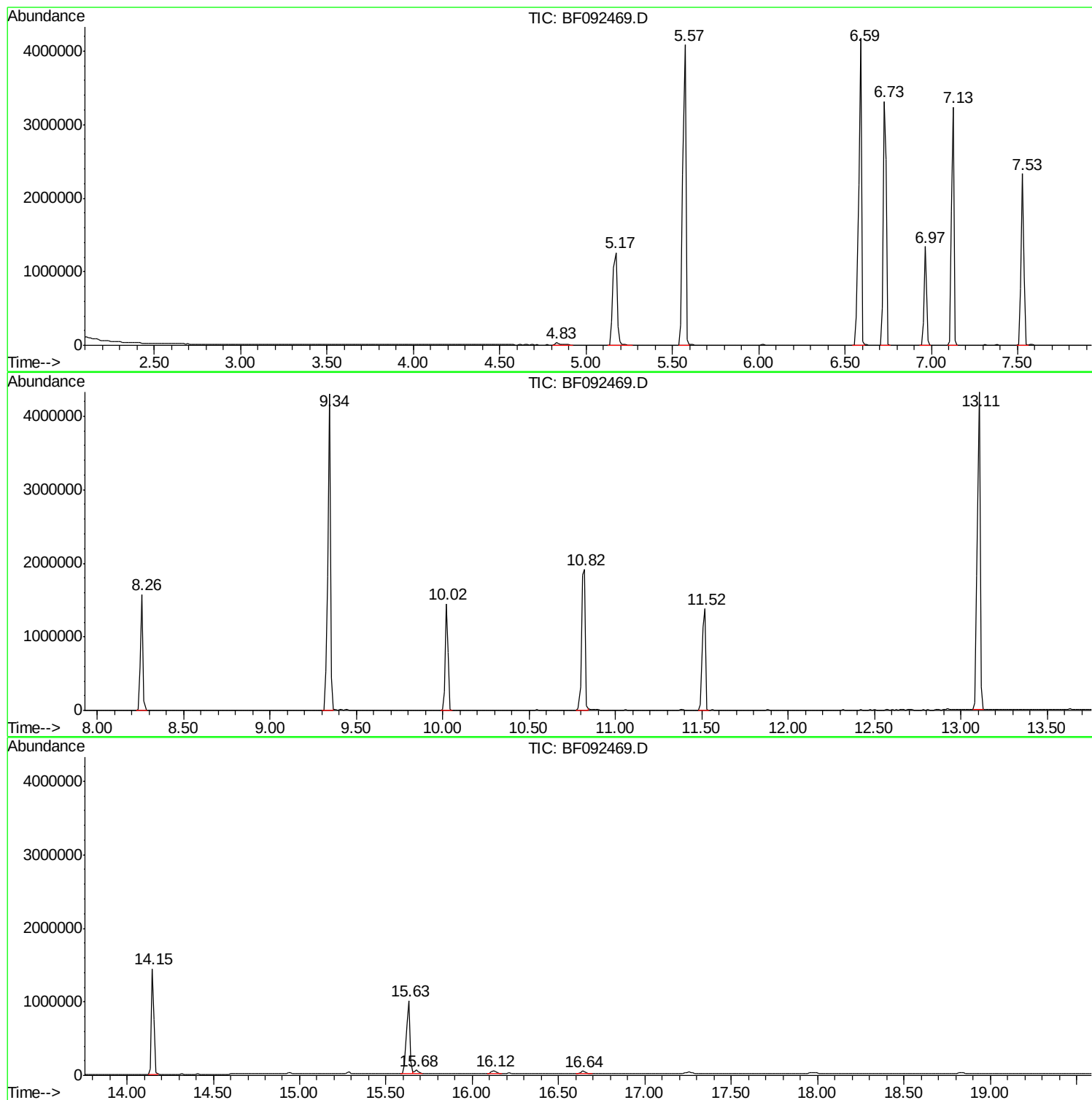
Sum of corrected areas: 43530362

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.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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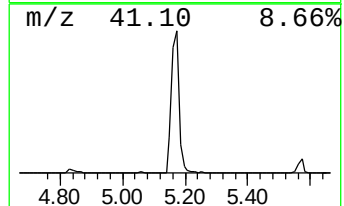
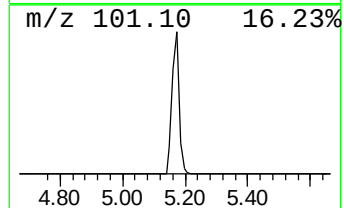
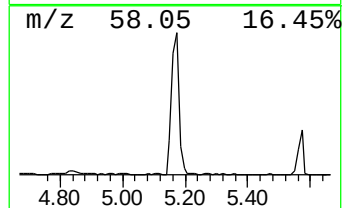
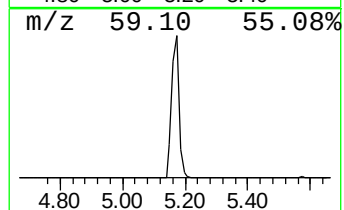
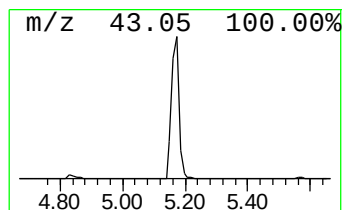
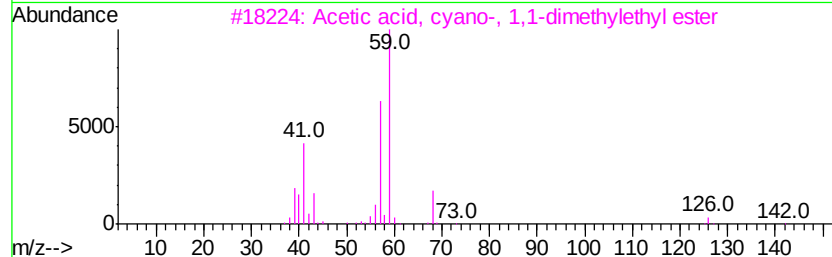
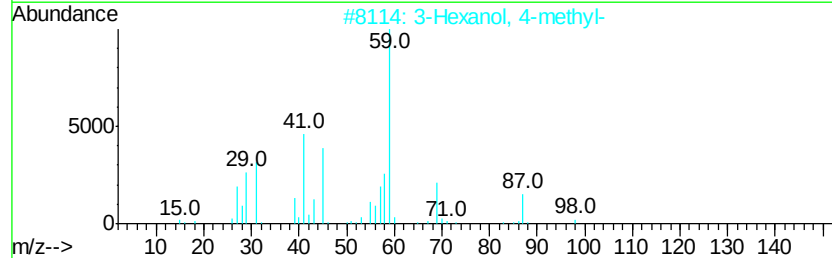
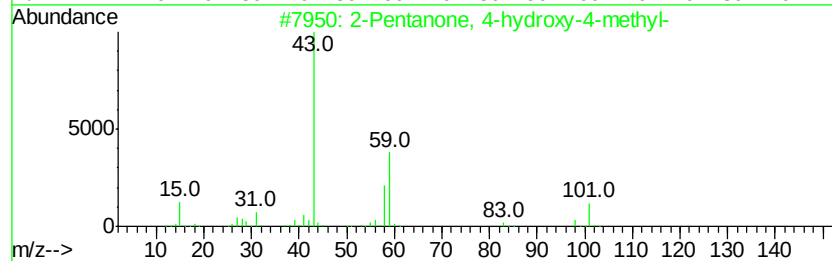
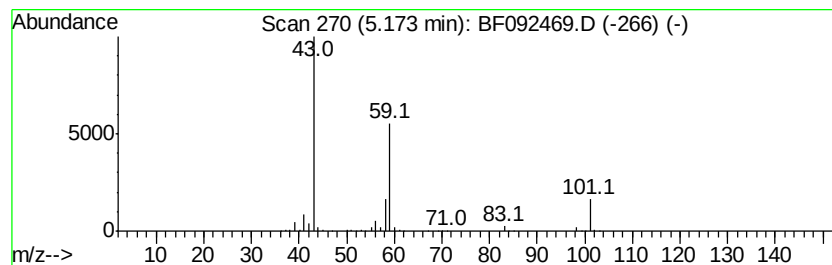
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|---------|------------------------|------|
| 5.17 | 34.24 ng | 1994610 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    |   | 3-Hexanol, 4-methyl-                 | 116 | C7H16O   | 000615-29-2 | 33   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 4    |    |   | 1-Propen-2-ol, acetate               | 100 | C5H8O2   | 000108-22-5 | 10   |
| 5    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 9    |



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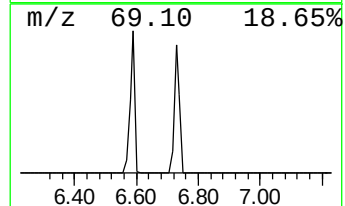
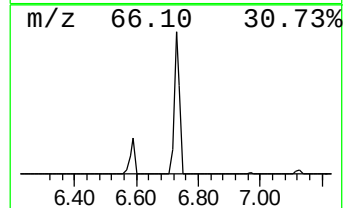
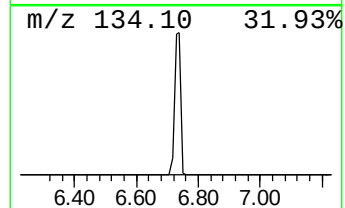
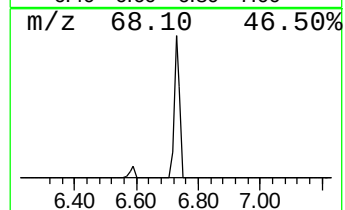
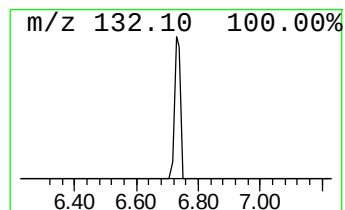
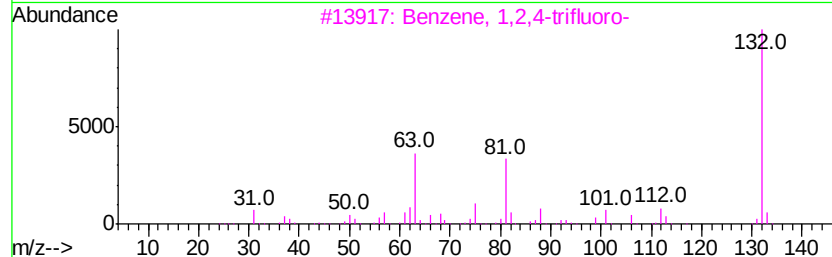
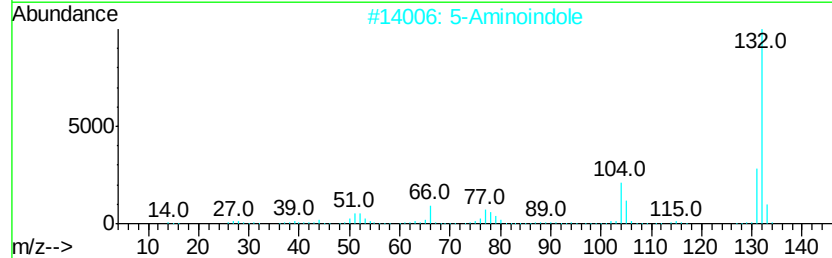
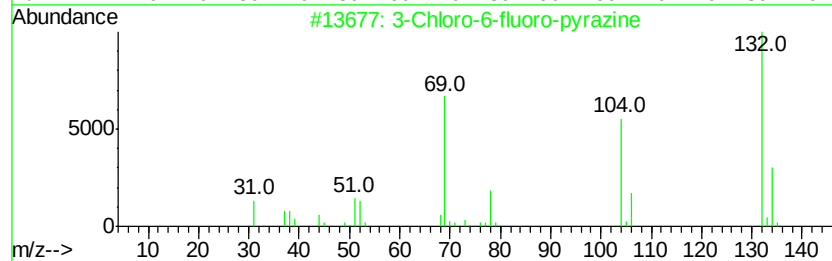
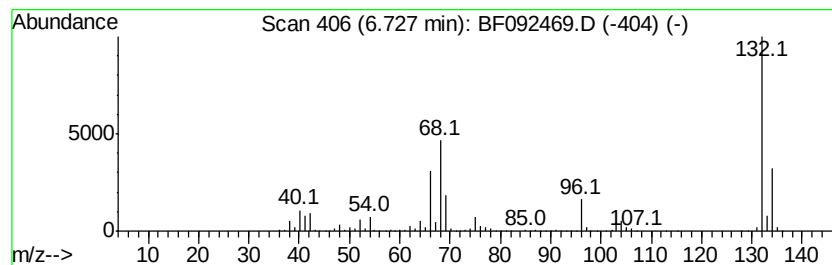
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Peak Number 2 unknown6.73 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.73 | 74.79 ng | 4357170 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    | Benzene, 1,2,4-trifluoro-           | 132 | C6H3F3    | 000367-23-7  | 9    |
| 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... | 5.17 | 34.2    | ng    | 1994610  | 1                     | 6.97 | 1165230 | 20.0 |
| unknown6.73          | 6.73 | 74.8    | ng    | 4357170  | 1                     | 6.97 | 1165230 | 20.0 |