

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF111715\  
 Data File : BF082975.D  
 Acq On : 17 Nov 2015 19:36  
 Operator : UM/IZ  
 Sample : G4439-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-SOIL-006

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-BF110715.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         | 4.270       | 187           | 191         | 194          | rBV      | 40023          | 65729         | 1.07%           | 0.130%        |
| 2         | 4.933       | 246           | 249         | 252          | rBV      | 1786363        | 3122316       | 50.64%          | 6.188%        |
| 3         | 5.379       | 285           | 288         | 290          | rBV      | 4540756        | 5010419       | 81.25%          | 9.931%        |
| 4         | 6.407       | 375           | 378         | 381          | rBV      | 4124758        | 4119955       | 66.81%          | 8.166%        |
| 5         | 6.533       | 386           | 389         | 391          | rBV      | 4769628        | 5322699       | 86.32%          | 10.550%       |
| 6         | 6.750       | 406           | 408         | 410          | rBV      | 1195035        | 1079968       | 17.51%          | 2.140%        |
| 7         | 6.910       | 419           | 422         | 425          | rVB      | 4131984        | 3677441       | 59.64%          | 7.289%        |
| 8         | 7.322       | 455           | 458         | 460          | rBV      | 3390755        | 3791083       | 61.48%          | 7.514%        |
| 9         | 8.042       | 518           | 521         | 523          | rBV      | 1409449        | 1463305       | 23.73%          | 2.900%        |
| 10        | 9.116       | 612           | 615         | 618          | rBV      | 4518513        | 5925287       | 96.09%          | 11.744%       |
| 11        | 9.791       | 671           | 674         | 677          | rVB      | 1769487        | 1643192       | 26.65%          | 3.257%        |
| 12        | 10.579      | 740           | 743         | 746          | rBV      | 3553018        | 3815580       | 61.88%          | 7.562%        |
| 13        | 11.276      | 801           | 804         | 806          | rBV      | 1260524        | 1698890       | 27.55%          | 3.367%        |
| 14        | 11.848      | 852           | 854         | 856          | rVB      | 154411         | 132569        | 2.15%           | 0.263%        |
| 15        | 12.865      | 940           | 943         | 945          | rBV      | 6034366        | 6166314       | 100.00%         | 12.222%       |
| 16        | 13.905      | 1031          | 1034        | 1036         | rBV      | 1831631        | 1798038       | 29.16%          | 3.564%        |
| 17        | 15.300      | 1153          | 1156        | 1159         | rBV      | 1035608        | 1292240       | 20.96%          | 2.561%        |
| 18        | 15.380      | 1161          | 1163        | 1171         | rVB      | 195213         | 329006        | 5.34%           | 0.652%        |

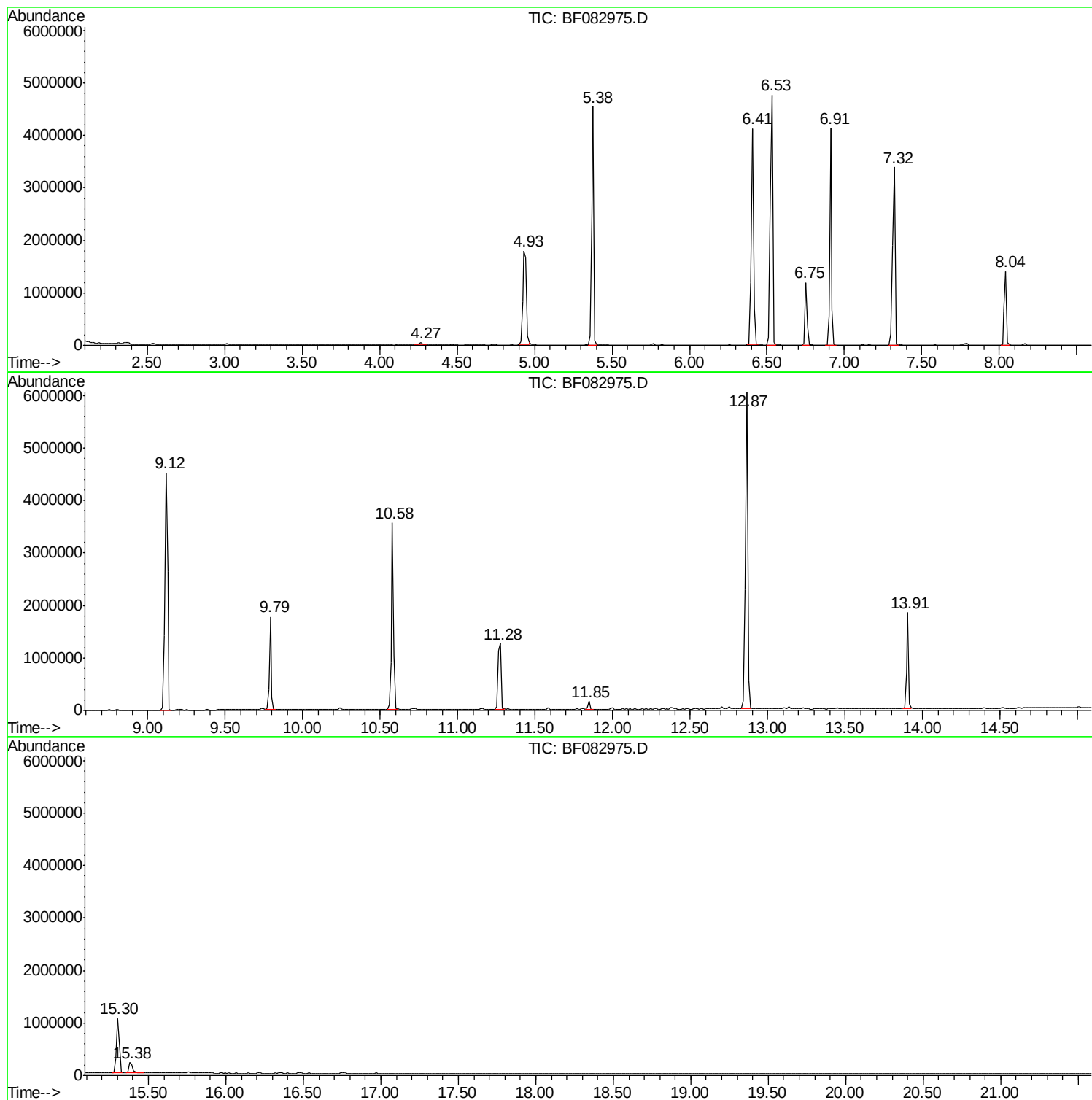
Sum of corrected areas: 50454031

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110715.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

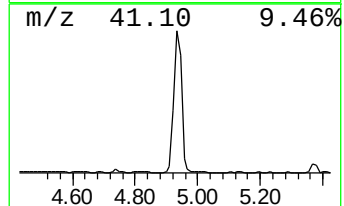
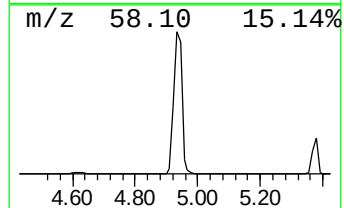
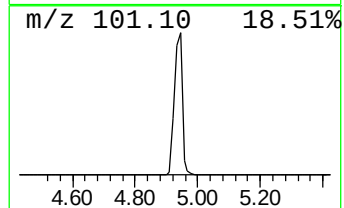
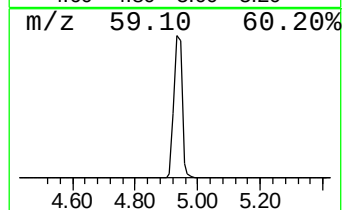
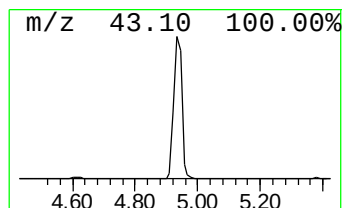
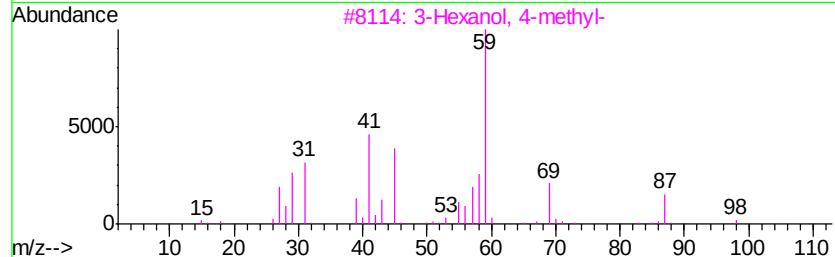
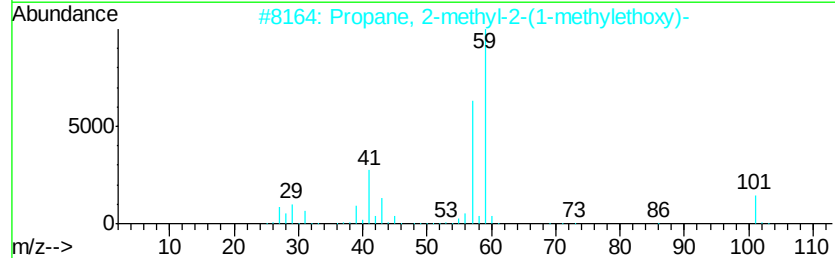
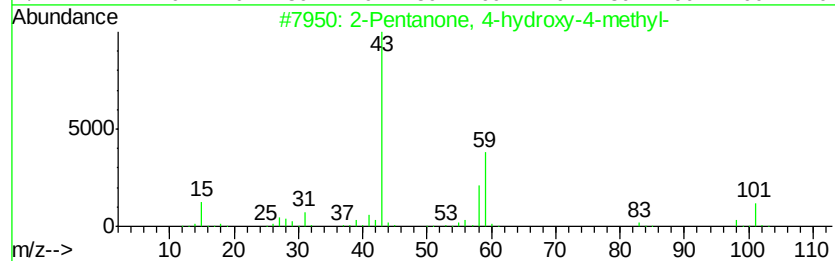
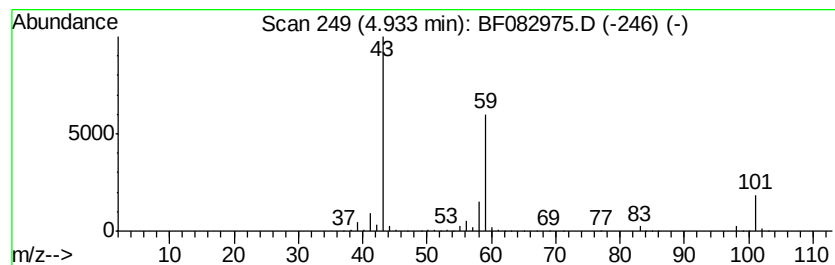
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|---------|------------------------|------|
| 4.93 | 57.82 ng | 3122320 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# of | 5                                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|-------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-    | 116          | C6H12O2  | 000123-42-2 | 50   |      |
| 2       | Propane, 2-methyl-2-(1-methyleth... | 116          | C7H16O   | 017348-59-3 | 33   |      |
| 3       | 3-Hexanol, 4-methyl-                | 116          | C7H16O   | 000615-29-2 | 33   |      |
| 4       | 2-Hexanol, 2-methyl-                | 116          | C7H16O   | 000625-23-0 | 33   |      |
| 5       | Acetic acid, cyano-, 1,1-dimethy... | 141          | C7H11NO2 | 001116-98-9 | 32   |      |



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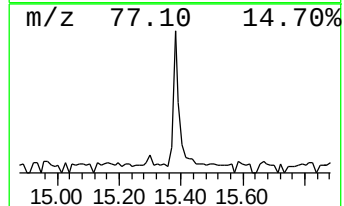
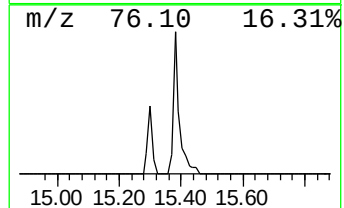
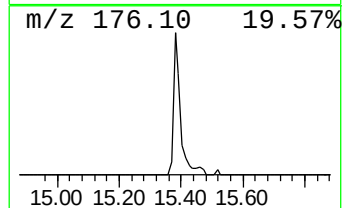
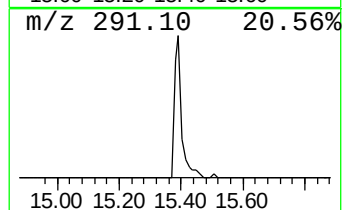
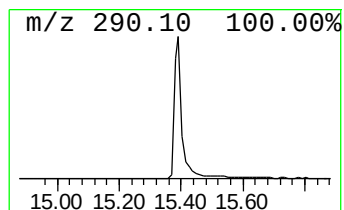
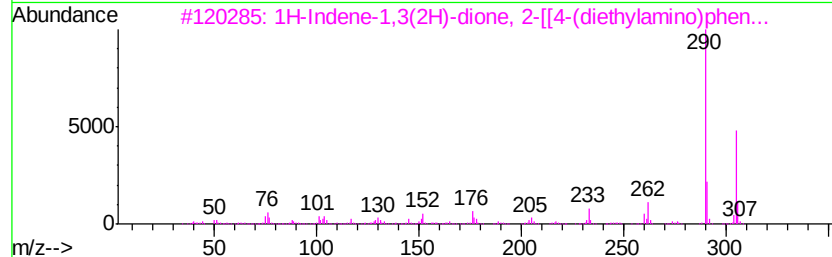
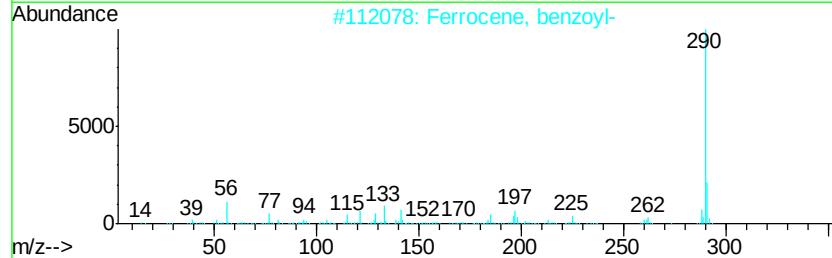
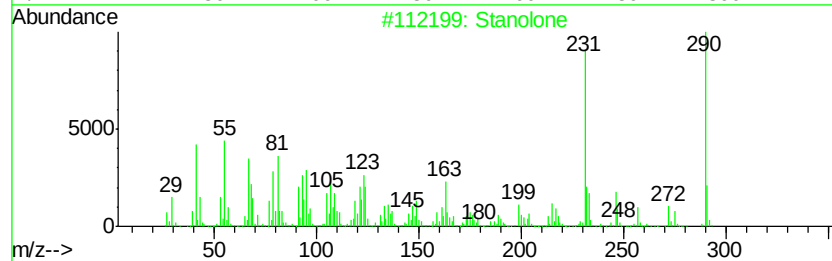
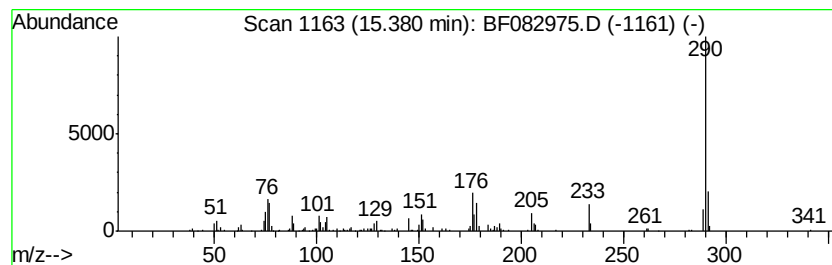
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Peak Number 4 unknown15.38 Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.38 | 5.09 ng | 329006 | Perylene-d12     | 15.30 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Stanolone                           | 290 | C19H30O2  | 000521-18-6  | 47   |
| 2    |    | Ferrocene, benzoyl-                 | 290 | C17H14FeO | 001272-44-2  | 43   |
| 3    |    | 1H-Indene-1,3(2H)-dione, 2-[[4-(... | 305 | C20H19NO2 | 034200-53-8  | 42   |
| 4    |    | Cyclopentane, 3-butyl-1-diphenyl... | 290 | C22H26    | 1000151-81-7 | 40   |
| 5    |    | 2,6-Diphenyl-3-carboethoxy-4-pyr... | 319 | C20H17NO3 | 060032-44-2  | 38   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.93  | 57.8    | ng    | 3122320  | 1                     | 6.75  | 1079970 | 20.0 |
| unknown15.38         | 15.38 | 5.1     | ng    | 329006   | 6                     | 15.30 | 1292240 | 20.0 |