

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\  
 Data File : BG022244.D  
 Acq On : 8 Jun 2016 22:03  
 Operator : UM/SJ  
 Sample : H3381-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 W-46

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\_G\METHODS\8270-BG060616.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         | 5.664       | 474           | 481         | 492          | rBV      | 188593         | 356587        | 13.34%          | 3.166%        |
| 2         | 7.274       | 749           | 755         | 769          | rBV      | 123383         | 245532        | 9.19%           | 2.180%        |
| 3         | 7.644       | 811           | 818         | 834          | rBV      | 438221         | 859580        | 32.16%          | 7.631%        |
| 4         | 8.114       | 888           | 898         | 907          | rBV      | 86551          | 173355        | 6.49%           | 1.539%        |
| 5         | 8.443       | 943           | 954         | 963          | rBV      | 421366         | 840377        | 31.44%          | 7.461%        |
| 6         | 9.289       | 1090          | 1098        | 1114         | rBV      | 312473         | 643016        | 24.06%          | 5.709%        |
| 7         | 10.934      | 1369          | 1378        | 1389         | rBV      | 140887         | 289151        | 10.82%          | 2.567%        |
| 8         | 13.367      | 1785          | 1792        | 1808         | rBV      | 1188090        | 1980495       | 74.10%          | 17.583%       |
| 9         | 14.748      | 2019          | 2027        | 2037         | rBV2     | 249545         | 440125        | 16.47%          | 3.907%        |
| 10        | 16.234      | 2272          | 2280        | 2301         | rBV      | 720881         | 1256309       | 47.00%          | 11.154%       |
| 11        | 17.491      | 2487          | 2494        | 2505         | rBV      | 277481         | 490496        | 18.35%          | 4.355%        |
| 12        | 20.083      | 2928          | 2935        | 2951         | rBV      | 1873655        | 2672829       | 100.00%         | 23.730%       |
| 13        | 21.763      | 3214          | 3221        | 3236         | rBV      | 268336         | 523053        | 19.57%          | 4.644%        |
| 14        | 25.059      | 3770          | 3782        | 3800         | rVB      | 144647         | 492809        | 18.44%          | 4.375%        |

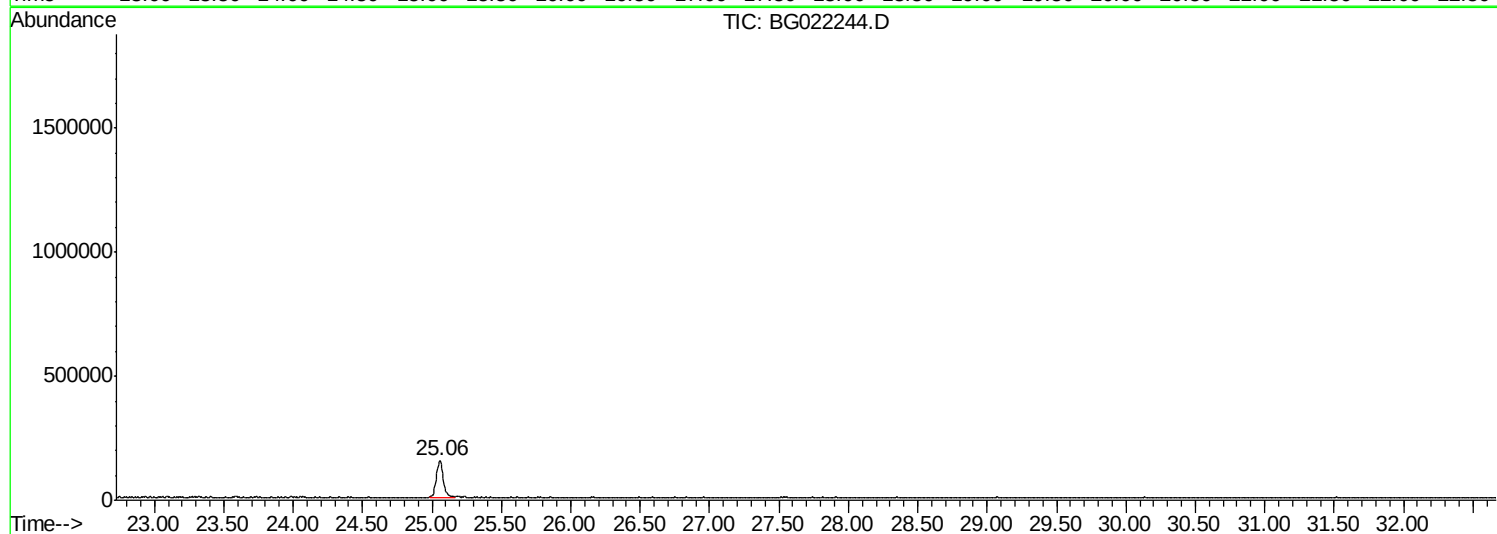
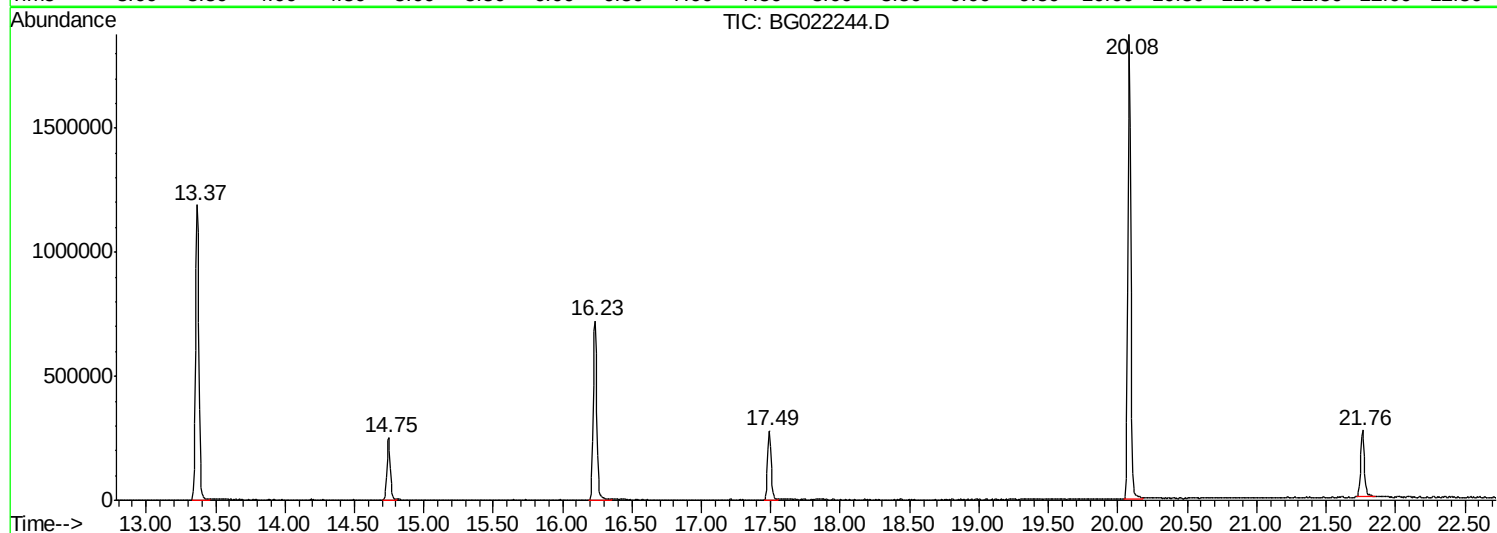
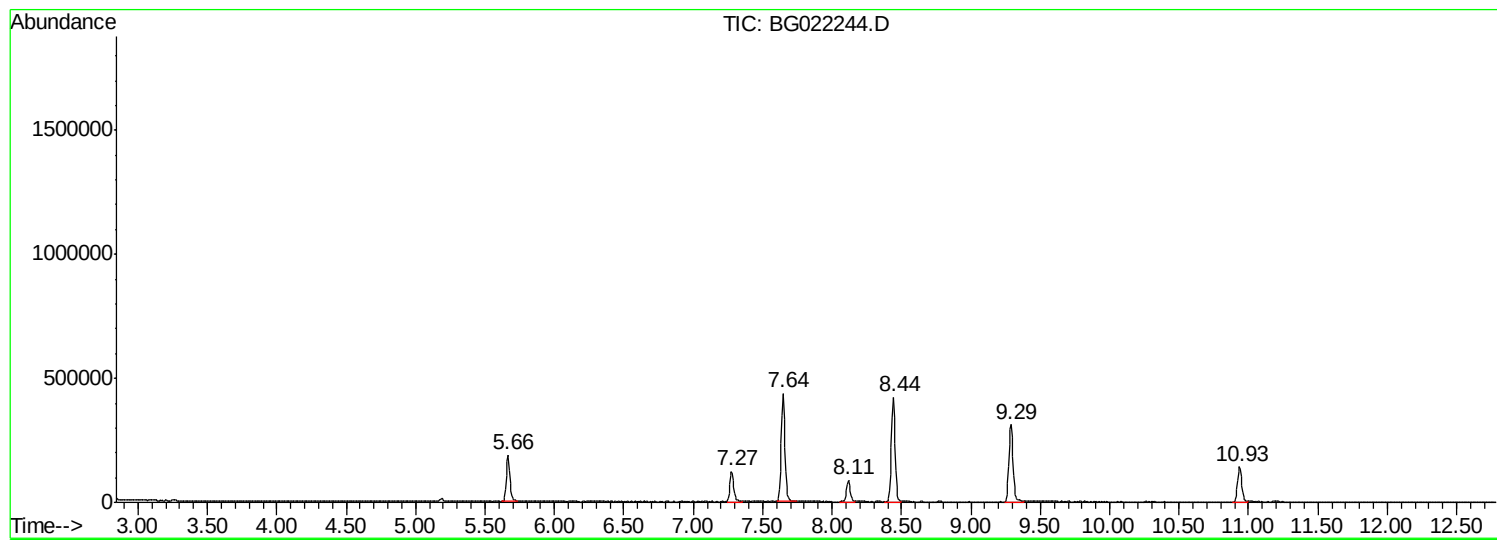
Sum of corrected areas: 11263714

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Quant Title :

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



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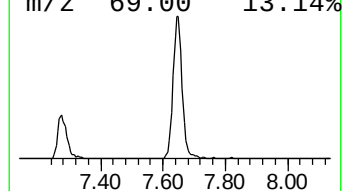
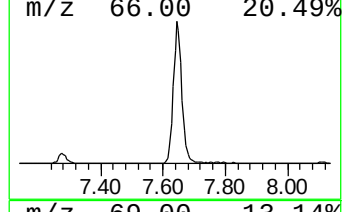
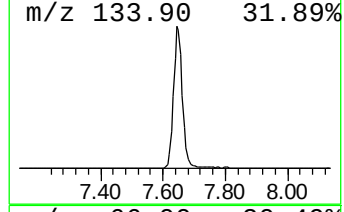
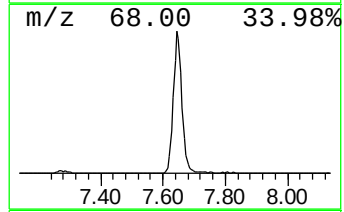
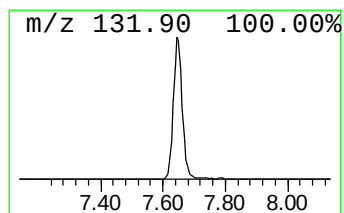
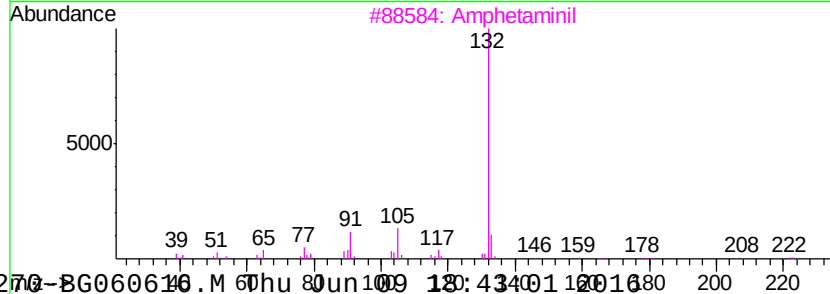
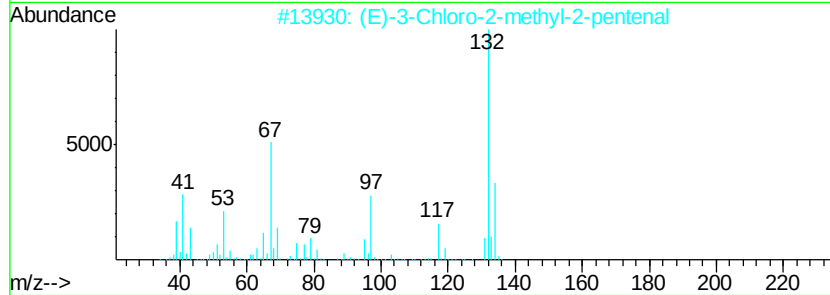
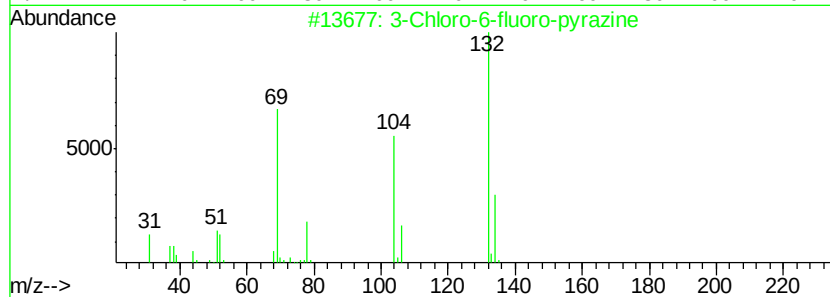
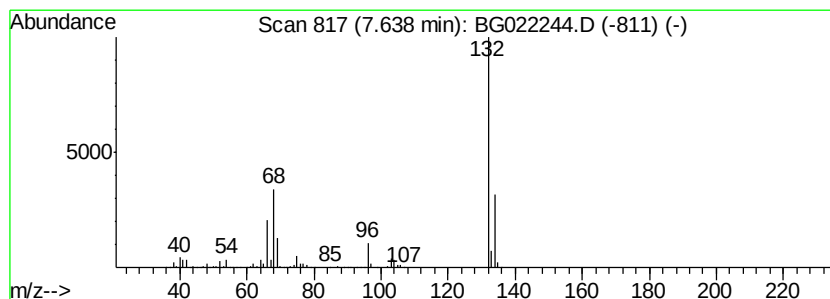
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.64 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.64 | 99.17 ng | 859580 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# of 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|-----------|----------------------------------|-----|-----------|--------------|------|
| 1         | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2         | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 35   |
| 3         | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4         | Benzene, 1,3,5-trifluoro-        | 132 | C6H3F3    | 000372-38-3  | 9    |
| 5         | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.64      | 7.64 | 99.2    | ng    | 859580   | 1                     | 8.11 | 173355 | 20.0 |