

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\  
 Data File : BG022341.D  
 Acq On : 14 Jun 2016 19:05  
 Operator : UM/SJ  
 Sample : H3427-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 W-47

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         | 5.616       | 466           | 473         | 487          | rBV      | 93263          | 185233        | 9.49%           | 2.585%        |
| 2         | 7.238       | 742           | 749         | 763          | rBV      | 61292          | 127165        | 6.52%           | 1.775%        |
| 3         | 7.602       | 804           | 811         | 826          | rBV      | 219453         | 426665        | 21.86%          | 5.955%        |
| 4         | 8.072       | 884           | 891         | 900          | rBV      | 55702          | 106173        | 5.44%           | 1.482%        |
| 5         | 8.395       | 938           | 946         | 957          | rBV      | 197788         | 389507        | 19.96%          | 5.436%        |
| 6         | 9.247       | 1079          | 1091        | 1107         | rBV      | 144388         | 315148        | 16.15%          | 4.398%        |
| 7         | 10.892      | 1364          | 1371        | 1388         | rBV      | 84003          | 181205        | 9.29%           | 2.529%        |
| 8         | 13.331      | 1778          | 1786        | 1798         | rBV      | 590792         | 992846        | 50.87%          | 13.857%       |
| 9         | 14.711      | 2014          | 2021        | 2032         | rBV2     | 173992         | 305116        | 15.63%          | 4.258%        |
| 10        | 16.198      | 2267          | 2274        | 2289         | rBV      | 500865         | 859375        | 44.04%          | 11.994%       |
| 11        | 17.455      | 2482          | 2488        | 2498         | rBV      | 249293         | 417184        | 21.38%          | 5.822%        |
| 12        | 20.052      | 2923          | 2930        | 2941         | rBV      | 1366868        | 1951558       | 100.00%         | 27.237%       |
| 13        | 21.727      | 3208          | 3215        | 3226         | rBV      | 246202         | 469863        | 24.08%          | 6.558%        |
| 14        | 24.999      | 3760          | 3772        | 3790         | rBV3     | 129395         | 438107        | 22.45%          | 6.114%        |

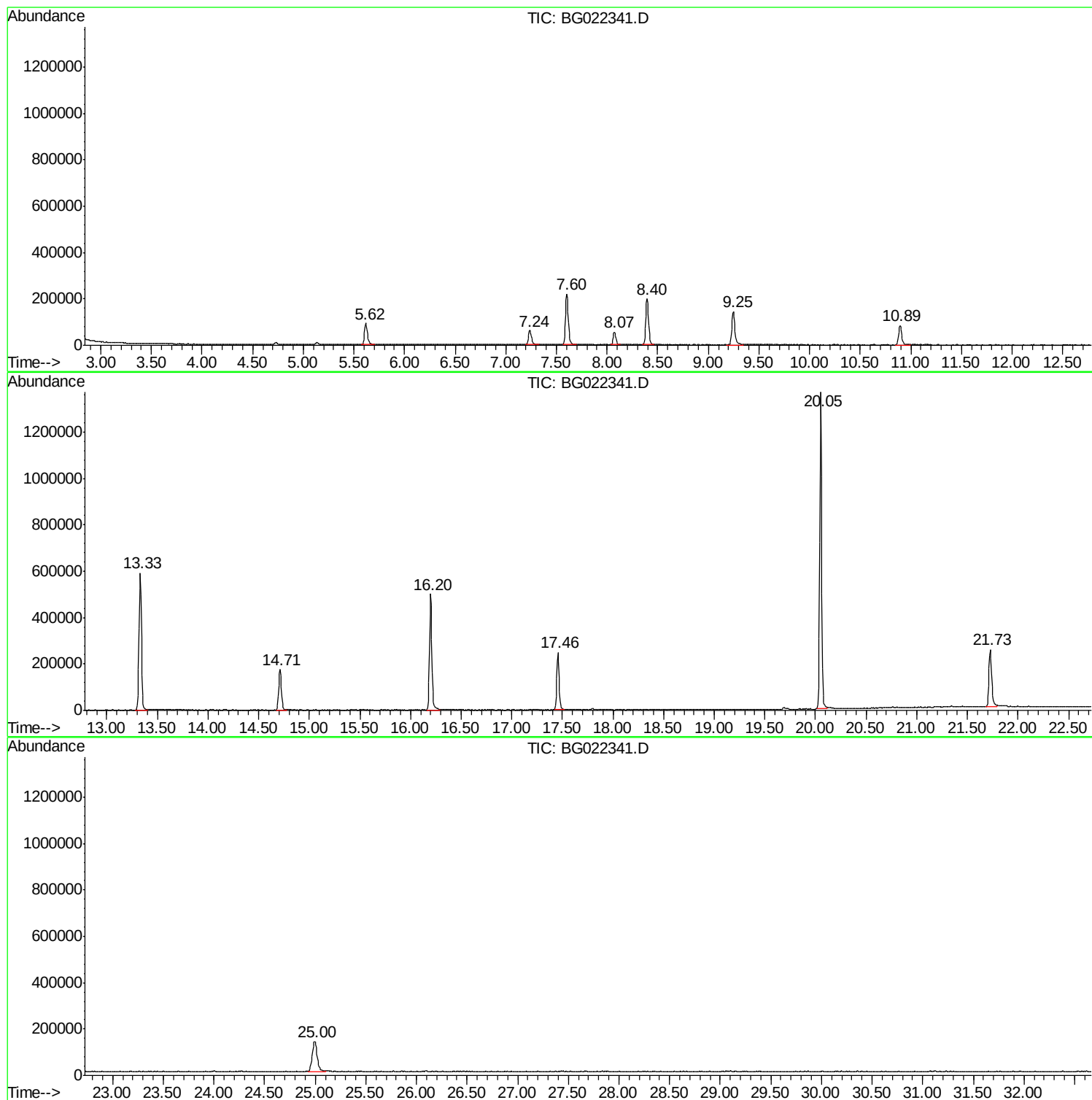
Sum of corrected areas: 7165145

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.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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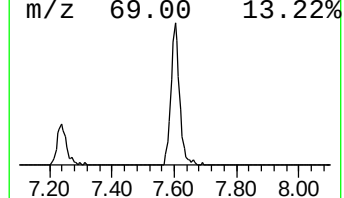
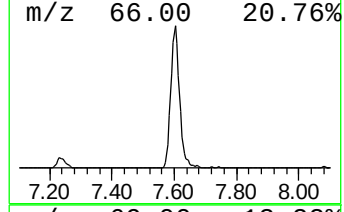
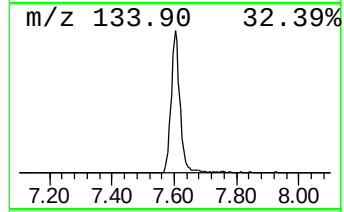
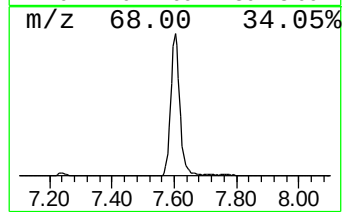
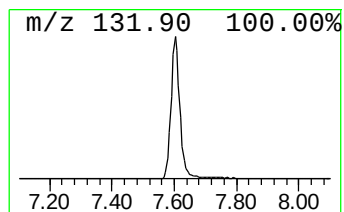
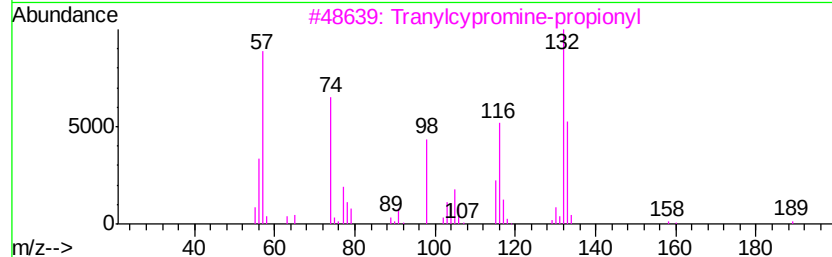
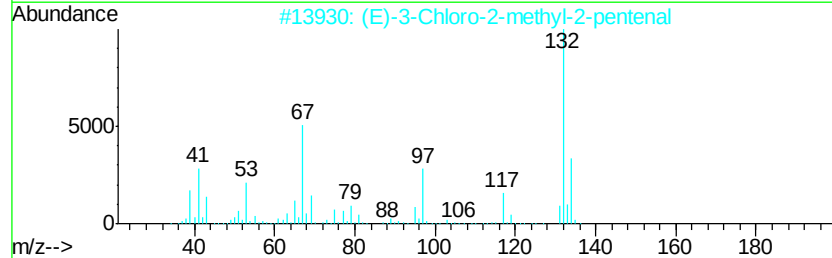
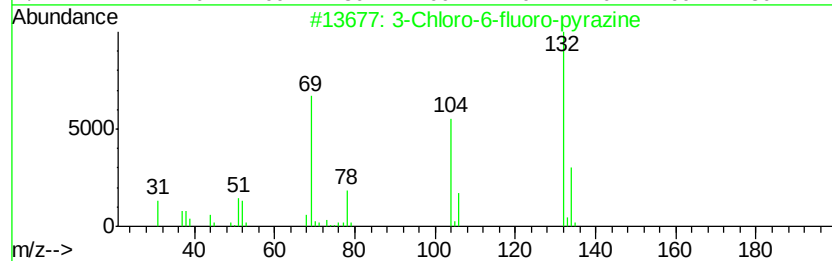
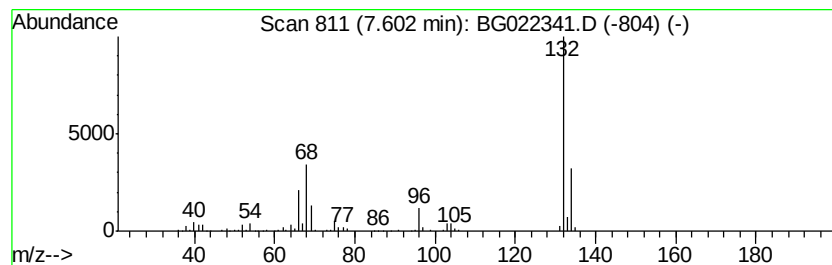
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Peak Number 1 unknown7.60 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.60 | 80.37 ng | 426665 | 1,4-Dichlorobenzene-d4 | 8.07 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 35   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Benzene, 1,3,5-trifluoro-        | 132 | C6H3F3    | 000372-38-3  | 9    |
| 5    |    | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4    | 019485-35-9  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.60      | 7.60 | 80.4    | ng    | 426665   | 1                     | 8.07 | 106173 | 20.0 |