

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\  
 Data File : BG033193.D  
 Acq On : 16 Mar 2018 1:26  
 Operator : SJ/JU  
 Sample : PB107389BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BL

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-BG022118.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         | 6.313       | 508           | 515         | 531          | rBV      | 217050         | 431736        | 18.39%          | 5.323%        |
| 2         | 7.999       | 795           | 802         | 825          | rBV      | 202629         | 443731        | 18.90%          | 5.471%        |
| 3         | 8.410       | 864           | 872         | 893          | rBV      | 228947         | 473911        | 20.18%          | 5.843%        |
| 4         | 8.898       | 947           | 955         | 965          | rBV2     | 43182          | 87235         | 3.72%           | 1.076%        |
| 5         | 9.233       | 1004          | 1012        | 1024         | rBV      | 183582         | 365394        | 15.56%          | 4.505%        |
| 6         | 10.096      | 1151          | 1159        | 1175         | rBV      | 129330         | 273413        | 11.64%          | 3.371%        |
| 7         | 11.782      | 1439          | 1446        | 1458         | rBV      | 59978          | 123773        | 5.27%           | 1.526%        |
| 8         | 14.144      | 1841          | 1848        | 1863         | rBV      | 438847         | 740535        | 31.54%          | 9.131%        |
| 9         | 15.512      | 2075          | 2081        | 2097         | rBV3     | 104118         | 183180        | 7.80%           | 2.259%        |
| 10        | 16.987      | 2325          | 2332        | 2353         | rBV2     | 589992         | 1031000       | 43.91%          | 12.713%       |
| 11        | 18.244      | 2539          | 2546        | 2555         | rBV      | 286347         | 454073        | 19.34%          | 5.599%        |
| 12        | 20.764      | 2969          | 2975        | 2982         | rBV      | 1792433        | 2347916       | 100.00%         | 28.951%       |
| 13        | 22.597      | 3280          | 3287        | 3296         | rBV2     | 292359         | 579694        | 24.69%          | 7.148%        |
| 14        | 26.404      | 3924          | 3935        | 3946         | rVB2     | 181708         | 574480        | 24.47%          | 7.084%        |

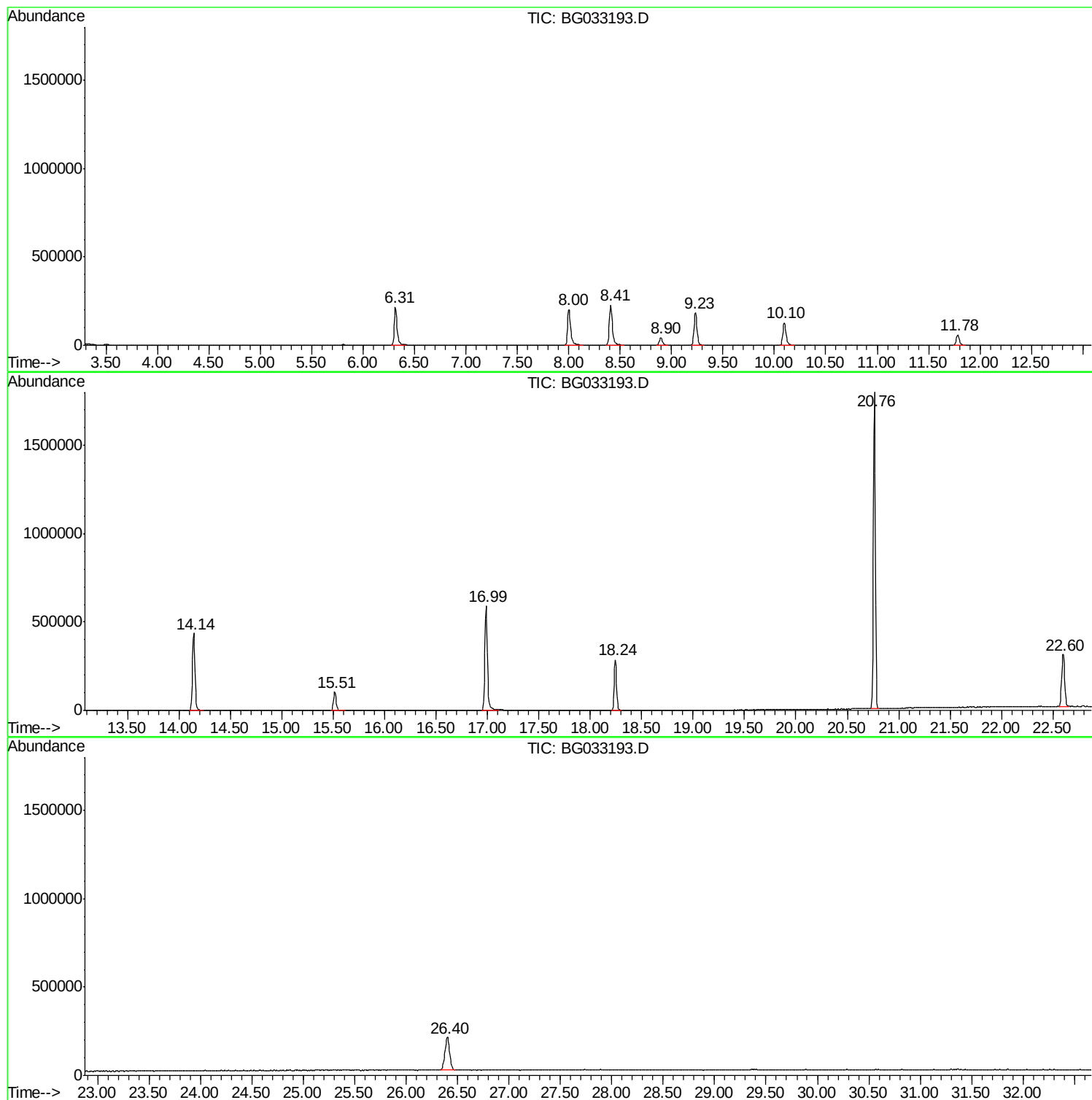
Sum of corrected areas: 8110071

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.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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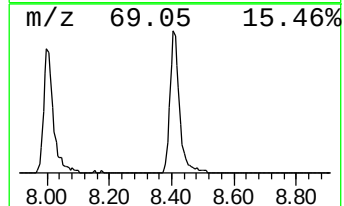
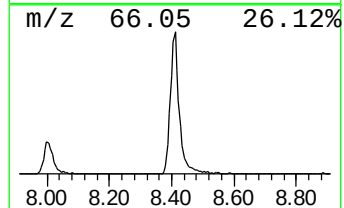
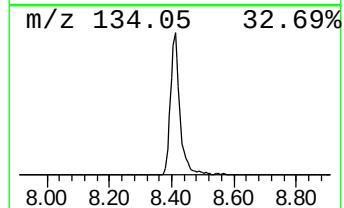
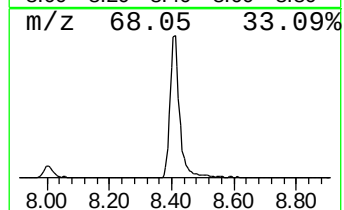
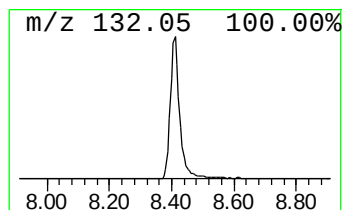
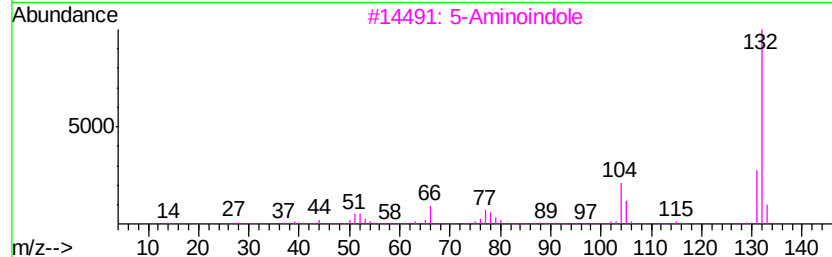
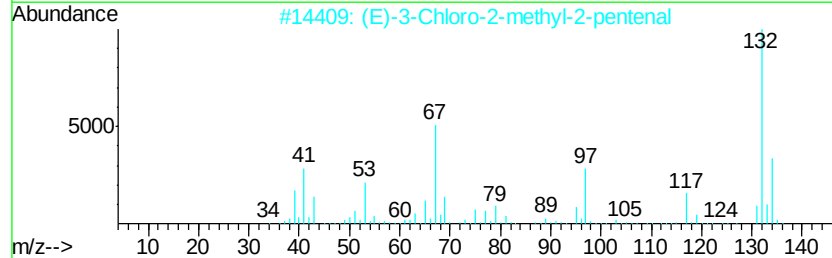
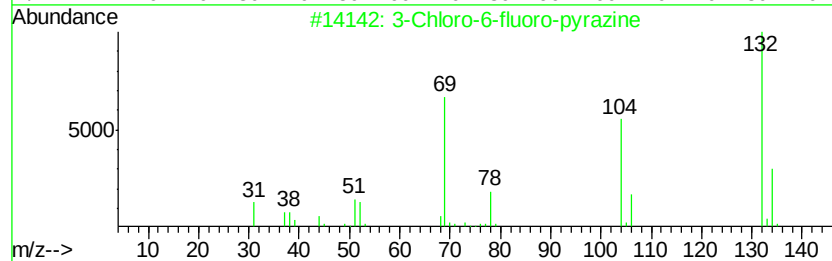
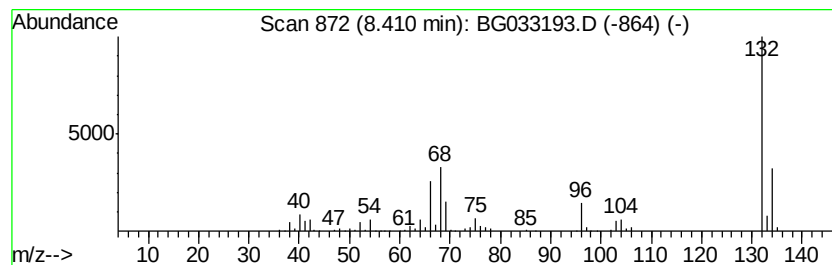
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Peak Number 1 unknown8.41 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 8.41 | 108.65 ng | 473911 | 1,4-Dichlorobenzene-d4 | 8.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 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 |
| unknown8.41      | 8.41 | 108.7   | ng    | 473911   | 1                     | 8.89 | 87235 | 20.0 |