

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG041519\  
 Data File : BG040480.D  
 Acq On : 15 Apr 2019 14:58  
 Operator : JU/SJ  
 Sample : PB118875BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118875BL

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.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         | 5.604       | 421           | 428         | 442          | rBV      | 948058         | 1548257       | 36.81%          | 7.975%        |
| 2         | 7.202       | 692           | 700         | 712          | rBV      | 938555         | 1662316       | 39.52%          | 8.563%        |
| 3         | 7.578       | 756           | 764         | 783          | rBV      | 907433         | 1624340       | 38.62%          | 8.367%        |
| 4         | 8.048       | 837           | 844         | 852          | rVB      | 175235         | 304207        | 7.23%           | 1.567%        |
| 5         | 8.366       | 891           | 898         | 908          | rBV      | 686057         | 1215419       | 28.90%          | 6.261%        |
| 6         | 9.224       | 1036          | 1044        | 1057         | rBV      | 539753         | 1003751       | 23.87%          | 5.170%        |
| 7         | 10.863      | 1315          | 1323        | 1338         | rBV      | 202971         | 406605        | 9.67%           | 2.094%        |
| 8         | 13.301      | 1730          | 1738        | 1754         | rBV      | 1416286        | 2322036       | 55.21%          | 11.961%       |
| 9         | 14.676      | 1965          | 1972        | 1984         | rBV2     | 324149         | 576179        | 13.70%          | 2.968%        |
| 10        | 16.168      | 2219          | 2226        | 2248         | rBV      | 960914         | 1810615       | 43.05%          | 9.326%        |
| 11        | 17.426      | 2433          | 2440        | 2453         | rBV      | 526665         | 864196        | 20.55%          | 4.451%        |
| 12        | 20.023      | 2876          | 2882        | 2896         | rBV      | 3002656        | 4205898       | 100.00%         | 21.665%       |
| 13        | 21.697      | 3160          | 3167        | 3178         | rBV      | 538489         | 1005436       | 23.91%          | 5.179%        |
| 14        | 24.987      | 3717          | 3727        | 3745         | rBV4     | 249966         | 864420        | 20.55%          | 4.453%        |

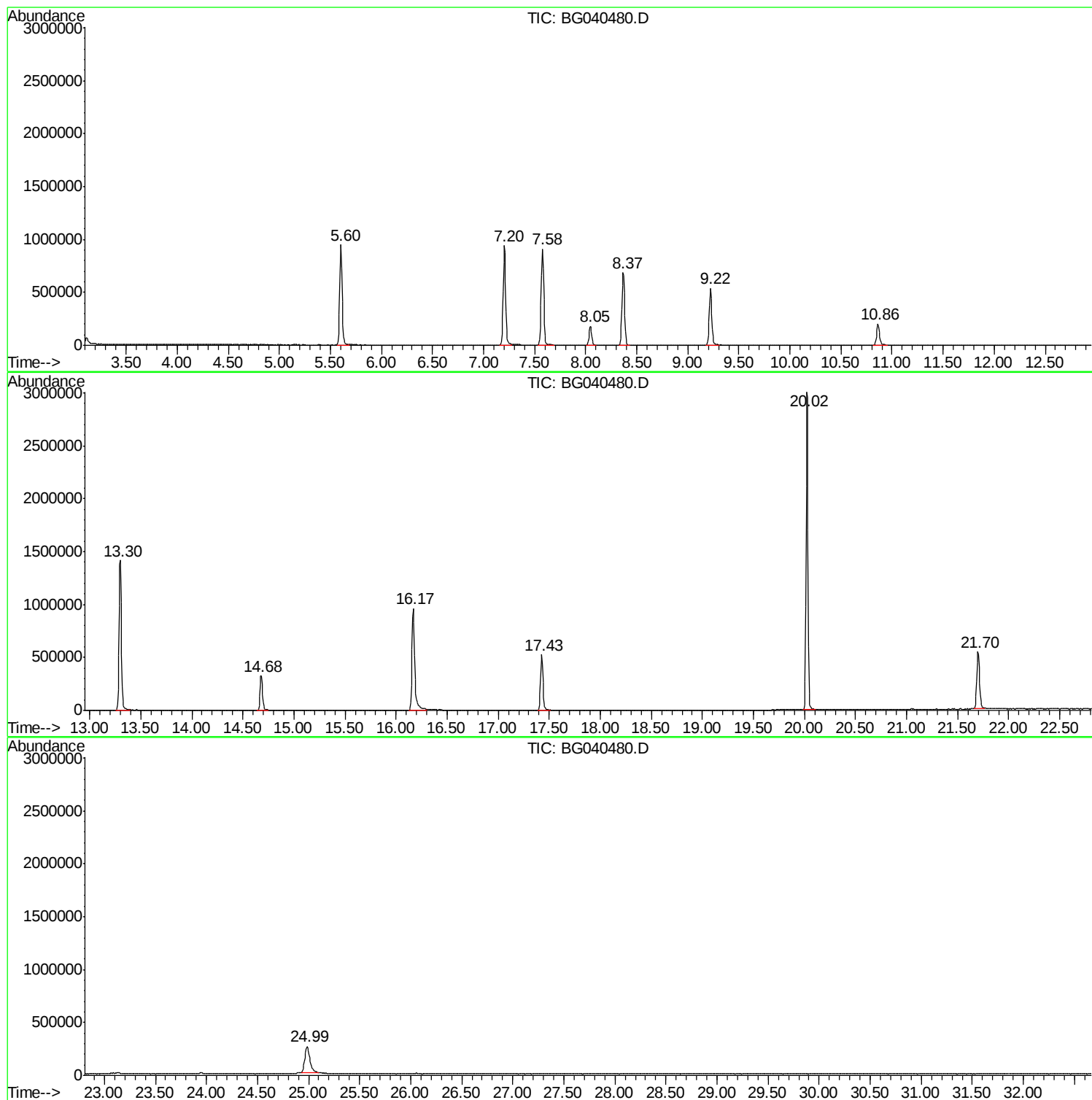
Sum of corrected areas: 19413675

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.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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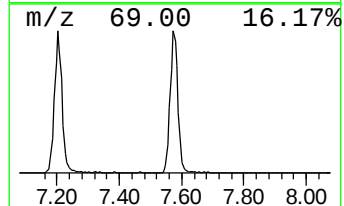
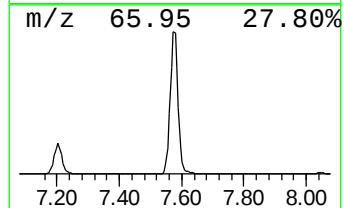
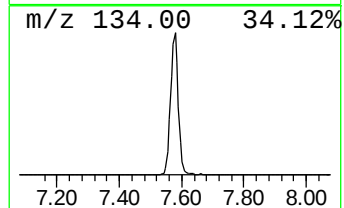
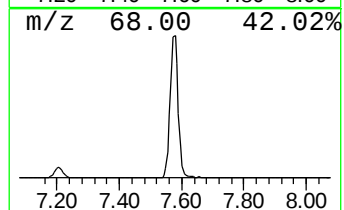
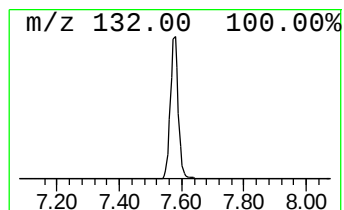
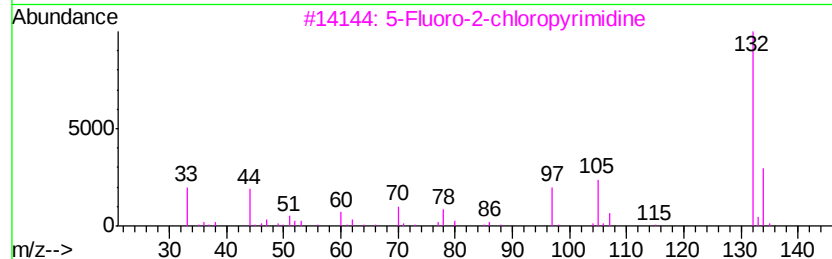
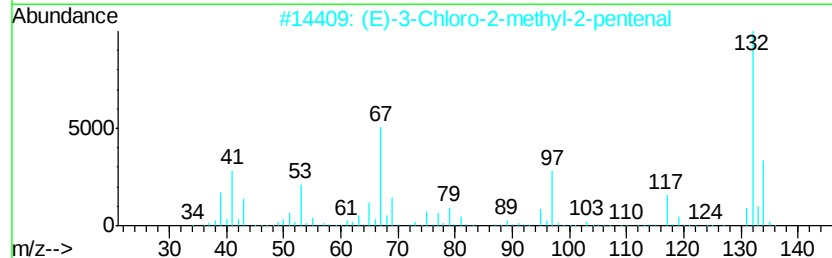
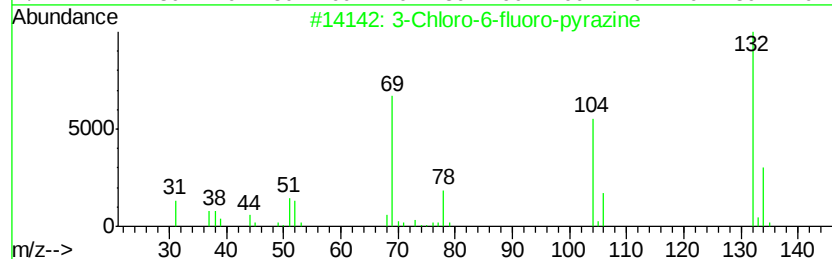
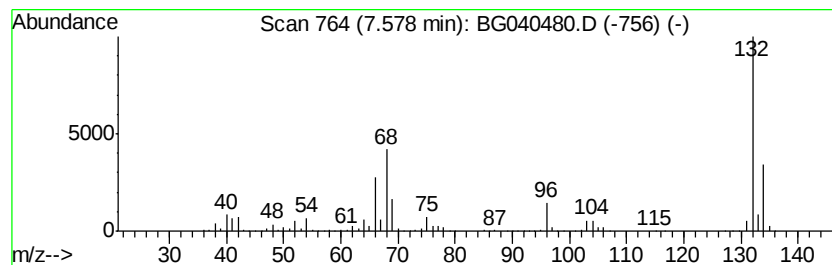
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.58 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.58 | 106.79 ng | 1624340 | 1,4-Dichlorobenzene-d4 | 8.04 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 3    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.58      | 7.58 | 106.8   | ng    | 1624340  | 1                     | 8.04 | 304207 | 20.0 |