

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\  
 Data File : BG028830.D  
 Acq On : 20 Sep 2017 13:57  
 Operator : SJ/JU  
 Sample : PB102449BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102449BL

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-BG091217.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         | 5.391       | 301           | 307         | 314          | rBV3     | 78637          | 125613        | 4.25%           | 0.998%        |
| 2         | 5.855       | 379           | 386         | 398          | rBV      | 522469         | 881814        | 29.85%          | 7.005%        |
| 3         | 7.442       | 649           | 656         | 668          | rBV      | 517958         | 926774        | 31.37%          | 7.362%        |
| 4         | 7.818       | 713           | 720         | 732          | rBV      | 497004         | 897320        | 30.37%          | 7.128%        |
| 5         | 8.288       | 793           | 800         | 809          | rBV      | 99469          | 169363        | 5.73%           | 1.345%        |
| 6         | 8.611       | 846           | 855         | 864          | rBV      | 374356         | 679145        | 22.99%          | 5.395%        |
| 7         | 9.457       | 990           | 999         | 1010         | rBV      | 295984         | 555685        | 18.81%          | 4.414%        |
| 8         | 11.108      | 1271          | 1280        | 1293         | rBV      | 127433         | 247329        | 8.37%           | 1.965%        |
| 9         | 13.523      | 1683          | 1691        | 1704         | rBV      | 904581         | 1464216       | 49.56%          | 11.631%       |
| 10        | 14.904      | 1920          | 1926        | 1936         | rBV2     | 221083         | 382355        | 12.94%          | 3.037%        |
| 11        | 16.396      | 2173          | 2180        | 2201         | rBV      | 828819         | 1377387       | 46.62%          | 10.942%       |
| 12        | 17.659      | 2388          | 2395        | 2405         | rBV      | 379723         | 597385        | 20.22%          | 4.745%        |
| 13        | 20.250      | 2829          | 2836        | 2845         | rBV      | 2139452        | 2954560       | 100.00%         | 23.470%       |
| 14        | 21.984      | 3124          | 3131        | 3146         | rBV      | 392081         | 704608        | 23.85%          | 5.597%        |
| 15        | 25.456      | 3711          | 3722        | 3735         | rBV      | 189008         | 624944        | 21.15%          | 4.964%        |

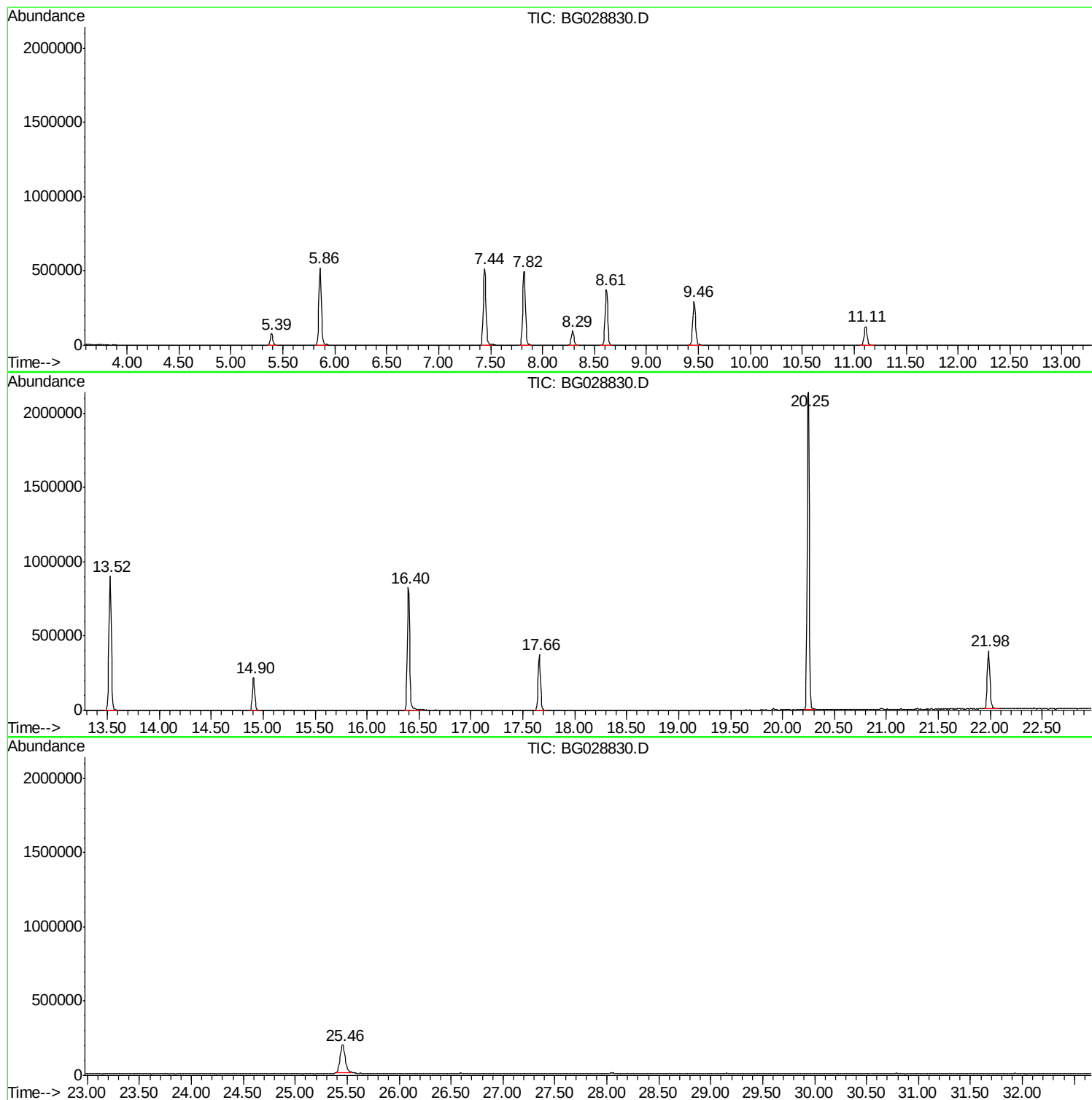
Sum of corrected areas: 12588498

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.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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ClientSampled :  
PB102449BL

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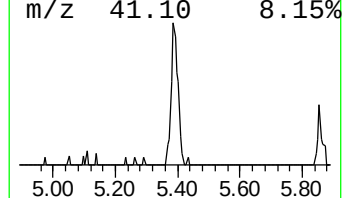
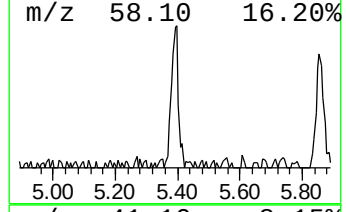
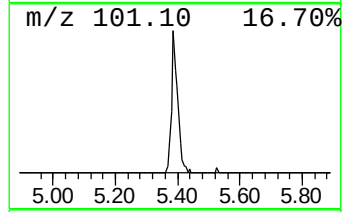
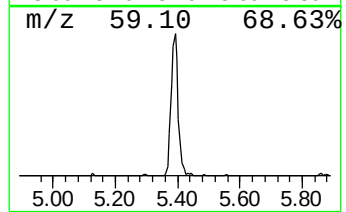
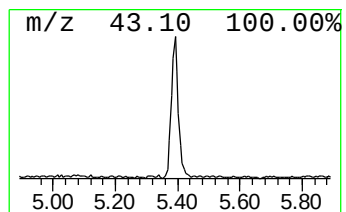
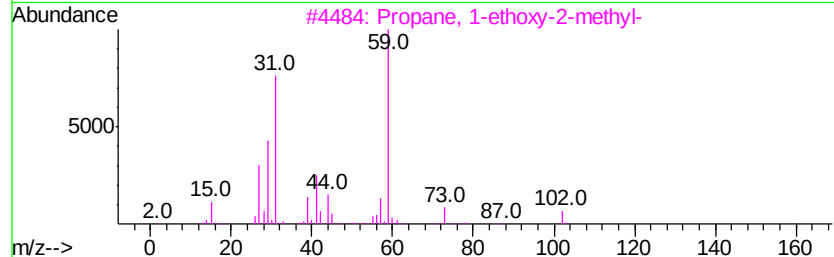
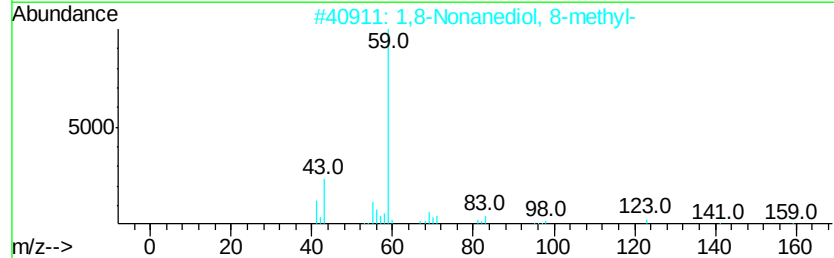
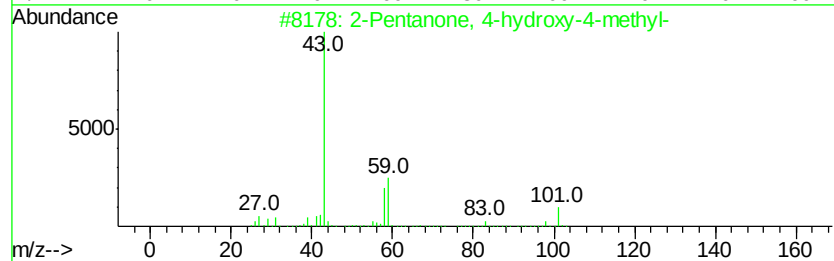
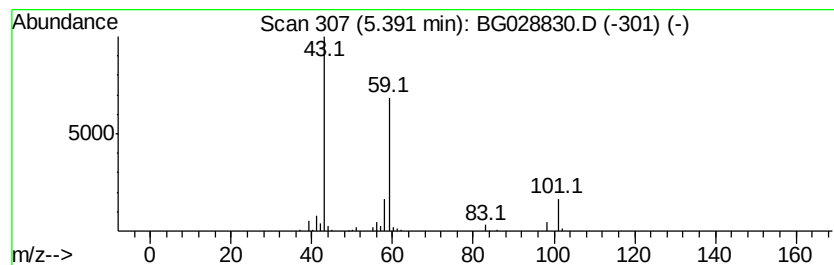
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TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|--------|------------------------|------|
| 5.39 | 14.83 ng | 125613 | 1,4-Dichlorobenzene-d4 | 8.29 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|------|----------------------------------|-----|----------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |      | 1,8-Nonanediol, 8-methyl-        | 174 | C10H22O2 | 054725-73-4 | 23   |
| 3    |      | Propane, 1-ethoxy-2-methyl-      | 102 | C6H14O   | 000627-02-1 | 23   |
| 4    |      | 2,3-Butanedione, monooxime       | 101 | C4H7NO2  | 000057-71-6 | 16   |
| 5    |      | 5-Hexen-2-one                    | 98  | C6H10O   | 000109-49-9 | 10   |



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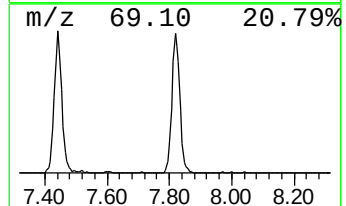
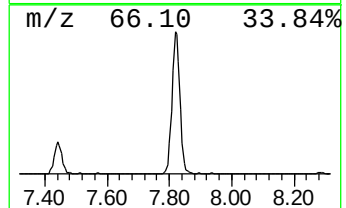
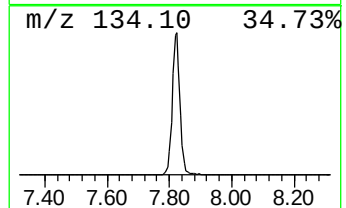
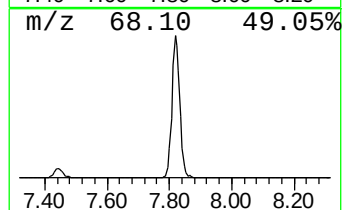
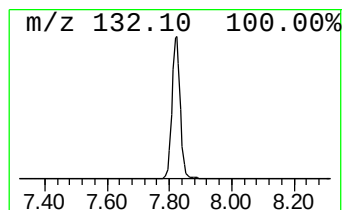
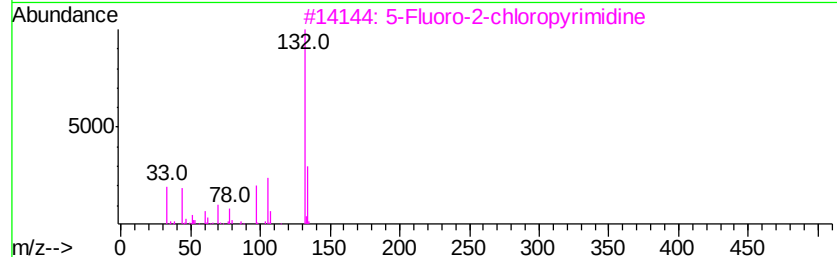
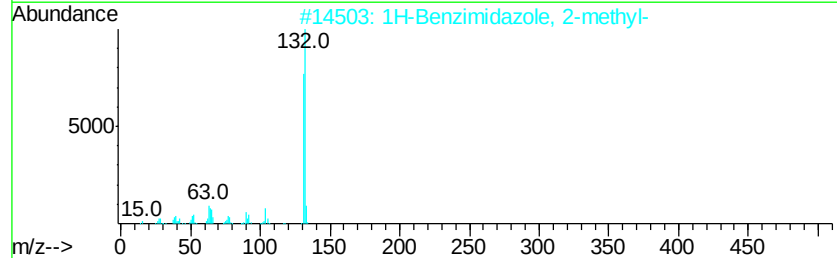
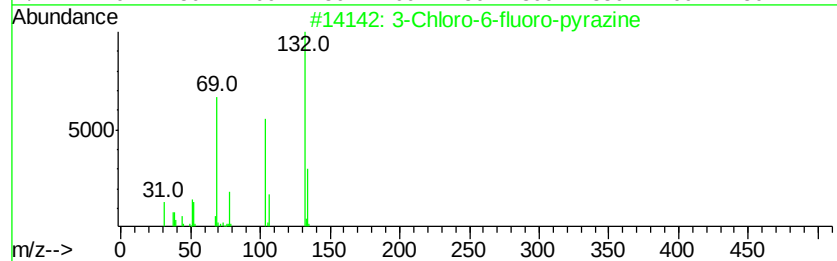
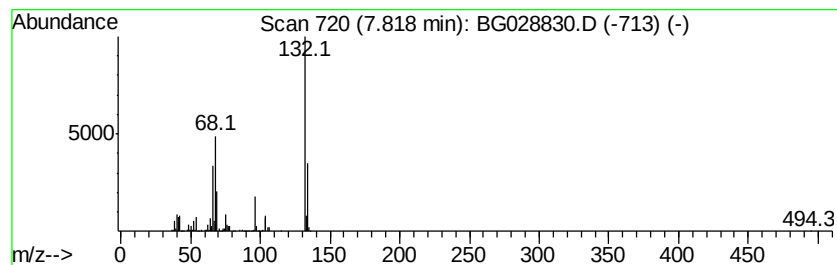
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Peak Number 2 unknown7.82 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 7.82 | 105.96 ng | 897320 | 1,4-Dichlorobenzene-d4 | 8.29 |

| Hit# | of | Tentative ID                | MW  | MolForm   | CAS#         | Qual |
|------|----|-----------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine  | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 1H-Benzimidazole, 2-methyl- | 132 | C8H8N2    | 000615-15-6  | 22   |
| 3    |    | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 4    |    | Cyclopropanamine, 1-phenyl- | 133 | C9H11N    | 1000351-26-2 | 10   |
| 5    |    | Tranlycypromine-propionyl   | 189 | C12H15NO  | 1000123-86-3 | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.39 | 14.8    | ng    | 125613   | 1                     | 8.29 | 169363 | 20.0 |
| unknown7.82          | 7.82 | 106.0   | ng    | 897320   | 1                     | 8.29 | 169363 | 20.0 |