

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_G\DATA\BG011518\  
 Data File : BG032058.D  
 Acq On : 16 Jan 2018 7:58  
 Operator : SJ/JU  
 Sample : J1112-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB

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:\HPCHEM1\BNA\_G\METHODS\8270-BG011218.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         | 3.406       | 14            | 20          | 31           | rBV      | 65802          | 144280        | 2.97%           | 0.920%        |
| 2         | 3.500       | 31            | 36          | 44           | rVB      | 88273          | 142097        | 2.92%           | 0.906%        |
| 3         | 6.191       | 487           | 494         | 505          | rBV      | 184157         | 316979        | 6.52%           | 2.021%        |
| 4         | 7.865       | 773           | 779         | 789          | rBV      | 109125         | 196382        | 4.04%           | 1.252%        |
| 5         | 8.276       | 841           | 849         | 858          | rBV      | 371603         | 674199        | 13.86%          | 4.298%        |
| 6         | 8.764       | 925           | 932         | 943          | rVB2     | 121021         | 227446        | 4.68%           | 1.450%        |
| 7         | 9.105       | 981           | 990         | 1001         | rVB      | 570485         | 1089898       | 22.40%          | 6.948%        |
| 8         | 9.963       | 1126          | 1136        | 1145         | rBV      | 396188         | 749656        | 15.41%          | 4.779%        |
| 9         | 11.649      | 1415          | 1423        | 1432         | rBV      | 165570         | 303078        | 6.23%           | 1.932%        |
| 10        | 14.029      | 1819          | 1828        | 1841         | rBV      | 1548132        | 2471228       | 50.80%          | 15.754%       |
| 11        | 15.398      | 2054          | 2061        | 2070         | rBV2     | 278689         | 477959        | 9.83%           | 3.047%        |
| 12        | 16.872      | 2305          | 2312        | 2326         | rBV      | 879596         | 1398614       | 28.75%          | 8.916%        |
| 13        | 18.130      | 2518          | 2526        | 2538         | rBV      | 446060         | 724379        | 14.89%          | 4.618%        |
| 14        | 20.668      | 2951          | 2958        | 2970         | rBV      | 3466074        | 4864661       | 100.00%         | 31.012%       |
| 15        | 22.472      | 3257          | 3265        | 3274         | rBV      | 498653         | 967116        | 19.88%          | 6.165%        |
| 16        | 26.191      | 3885          | 3898        | 3912         | rBV2     | 275898         | 938391        | 19.29%          | 5.982%        |

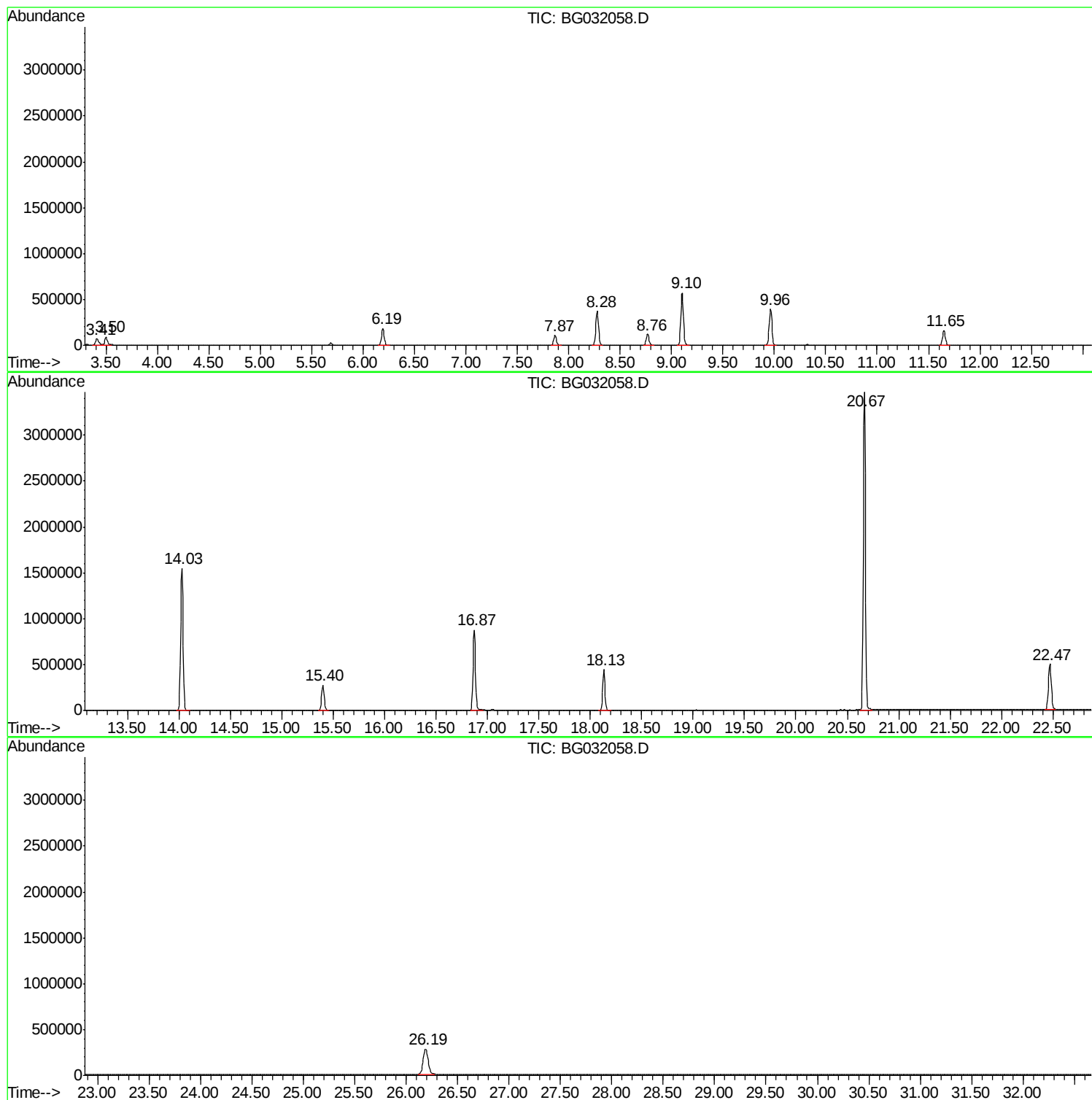
Sum of corrected areas: 15686363

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG011218.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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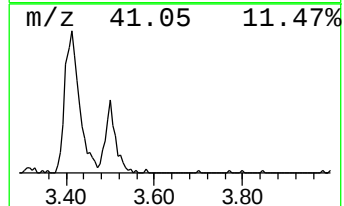
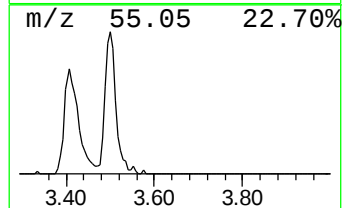
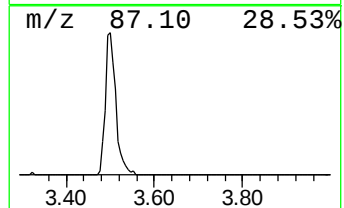
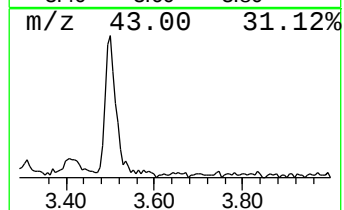
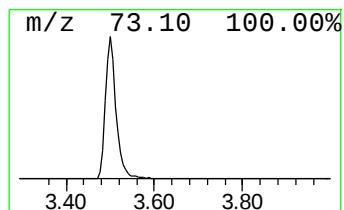
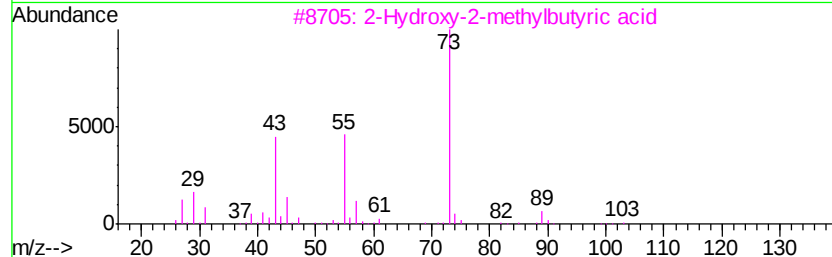
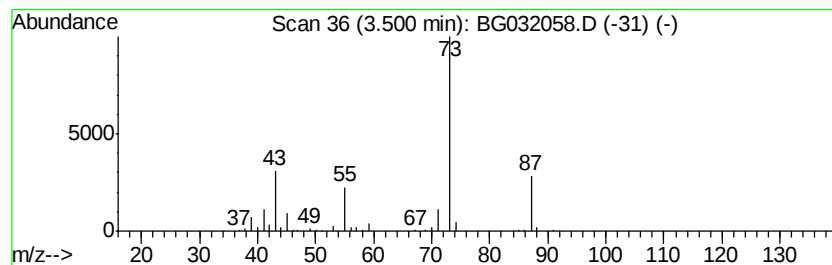
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.50 | 12.50 ng | 142097 | 1,4-Dichlorobenzene-d4 | 8.77 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl-    | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol     | 130 | C8H18O  | 005162-48-1 | 36   |
| 3    |    | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 9    |
| 4    |    | 2-Methyl-5-hexen-3-ol          | 114 | C7H14O  | 032815-70-6 | 9    |
| 5    |    | Pentane, 3-methoxy-            | 102 | C6H14O  | 036839-67-5 | 9    |



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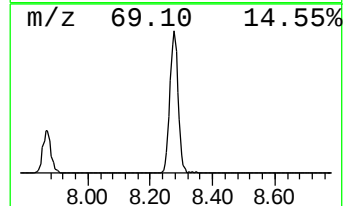
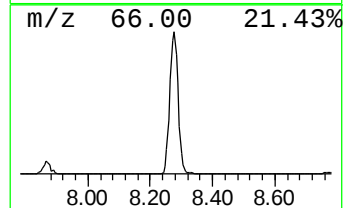
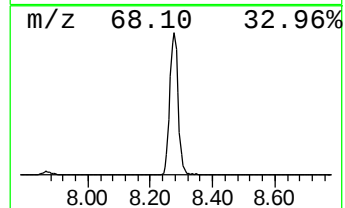
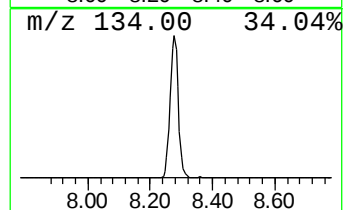
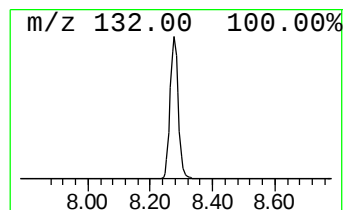
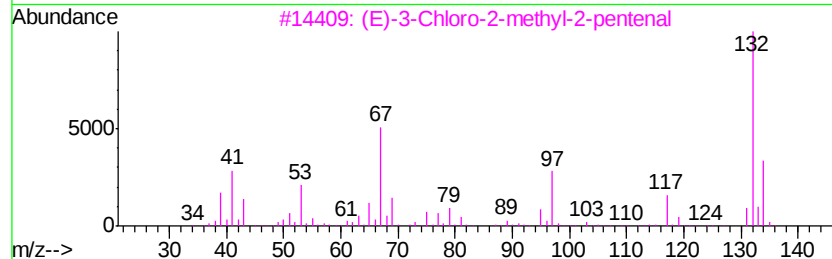
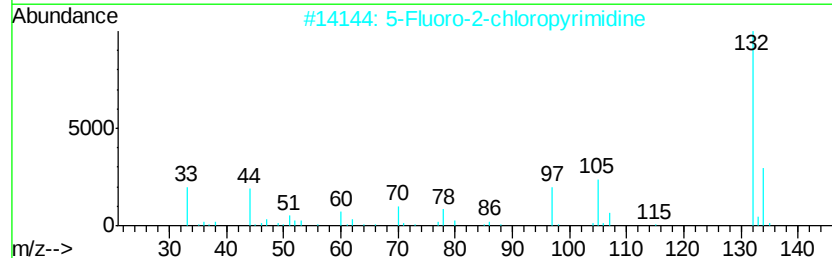
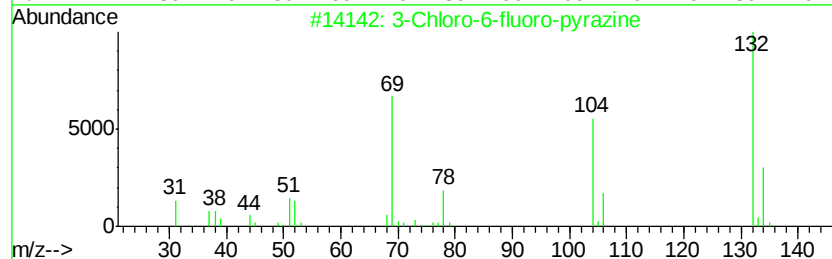
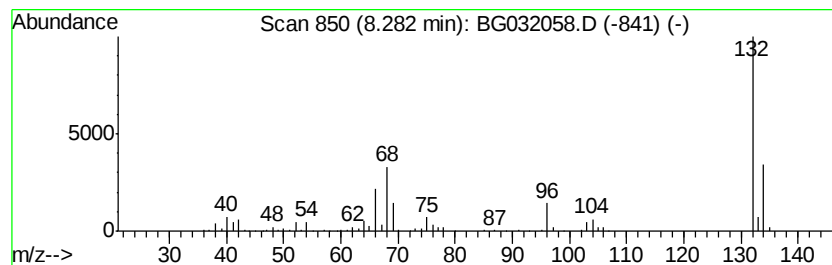
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Peak Number 3 unknown8.28 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 8.28 | 59.28 ng | 674199 | 1,4-Dichlorobenzene-d4 | 8.77 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 17   |
| 3    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 4    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.50 | 12.5    | ng    | 142097   | 1                     | 8.77 | 227446 | 20.0 |
| unknown8.28          | 8.28 | 59.3    | ng    | 674199   | 1                     | 8.77 | 227446 | 20.0 |