

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012418\  
 Data File : BG032273.D  
 Acq On : 24 Jan 2018 22:48  
 Operator : SJ/JU  
 Sample : PB105928BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105928BL

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-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         | 3.470       | 25            | 31          | 41           | rBV      | 57610          | 86119         | 2.60%           | 0.633%        |
| 2         | 6.155       | 480           | 488         | 500          | rBV      | 444080         | 764611        | 23.09%          | 5.623%        |
| 3         | 7.835       | 766           | 774         | 786          | rBV      | 439211         | 789827        | 23.86%          | 5.808%        |
| 4         | 8.235       | 834           | 842         | 855          | rVB      | 458077         | 858661        | 25.93%          | 6.314%        |
| 5         | 8.722       | 917           | 925         | 934          | rBB      | 122487         | 214877        | 6.49%           | 1.580%        |
| 6         | 9.057       | 974           | 982         | 992          | rBV      | 399172         | 728680        | 22.01%          | 5.359%        |
| 7         | 9.921       | 1120          | 1129        | 1143         | rBB      | 261616         | 492116        | 14.86%          | 3.619%        |
| 8         | 11.607      | 1408          | 1416        | 1425         | rBV      | 146462         | 288444        | 8.71%           | 2.121%        |
| 9         | 13.987      | 1813          | 1821        | 1831         | rBV      | 951593         | 1551622       | 46.86%          | 11.410%       |
| 10        | 15.362      | 2048          | 2055        | 2066         | rBB2     | 266830         | 454606        | 13.73%          | 3.343%        |
| 11        | 16.830      | 2299          | 2305        | 2317         | rBV      | 842989         | 1371832       | 41.43%          | 10.088%       |
| 12        | 18.094      | 2512          | 2520        | 2527         | rBV      | 446210         | 703056        | 21.23%          | 5.170%        |
| 13        | 20.626      | 2945          | 2951        | 2960         | rBV      | 2437040        | 3310931       | 100.00%         | 24.348%       |
| 14        | 22.418      | 3248          | 3256        | 3268         | rBV2     | 535047         | 986942        | 29.81%          | 7.258%        |
| 15        | 26.102      | 3870          | 3883        | 3898         | rBV2     | 309361         | 995926        | 30.08%          | 7.324%        |

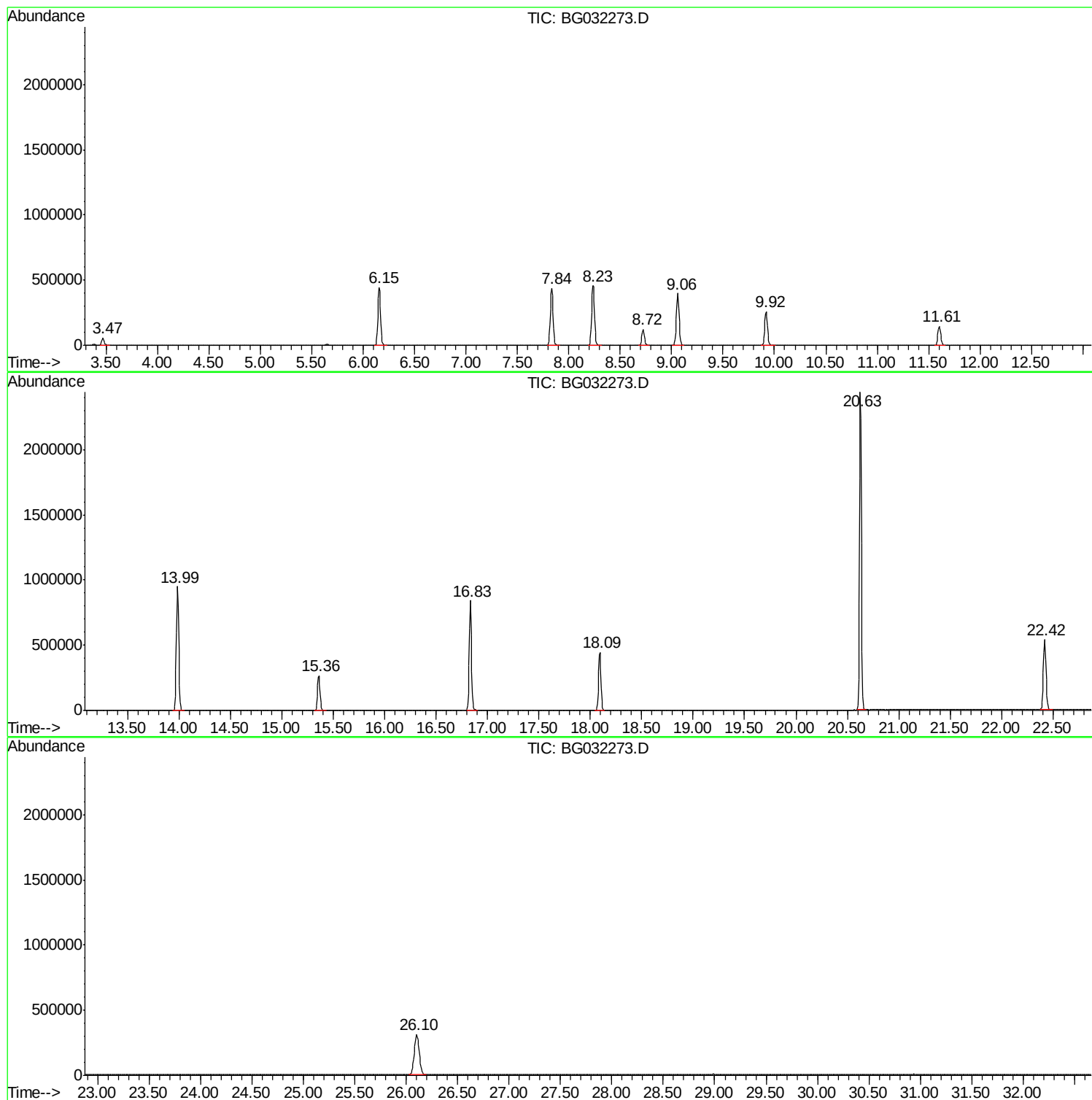
Sum of corrected areas: 13598250

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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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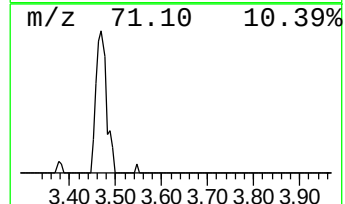
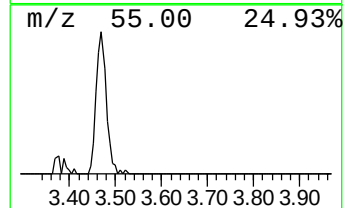
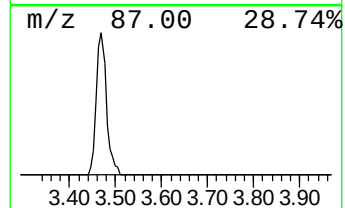
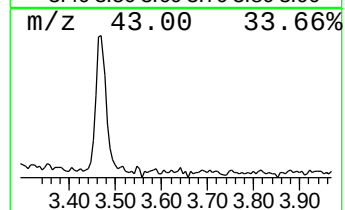
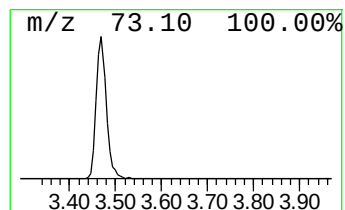
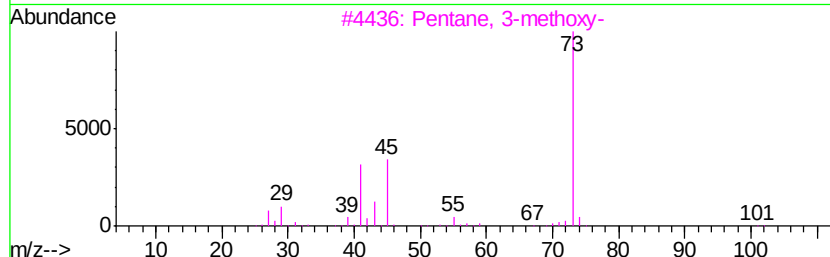
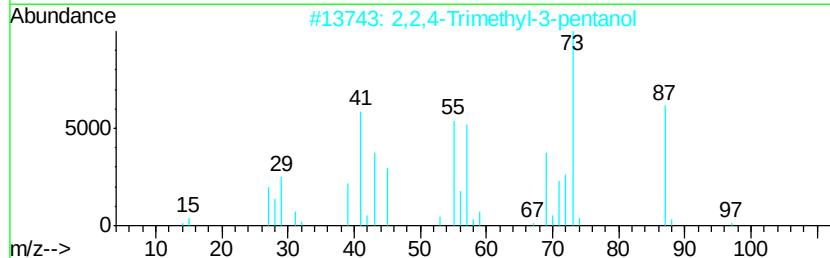
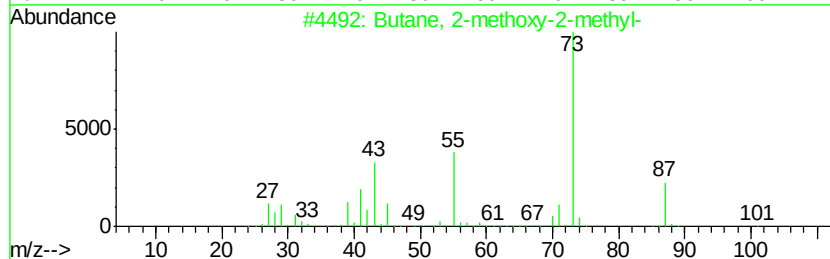
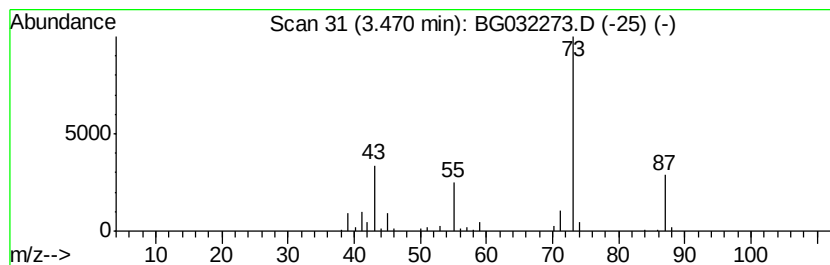
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 3.47 | 8.02 ng | 86119 | 1,4-Dichlorobenzene-d4 | 8.72 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 74   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 56   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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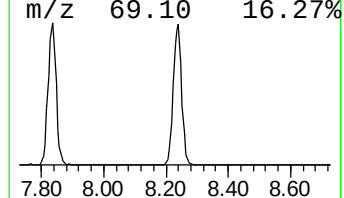
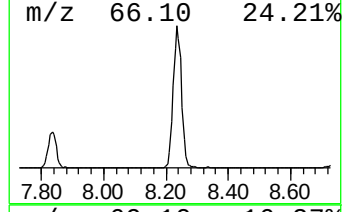
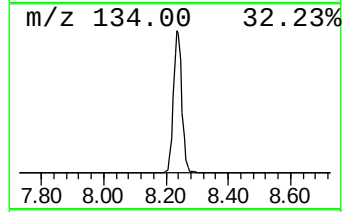
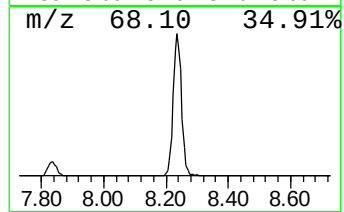
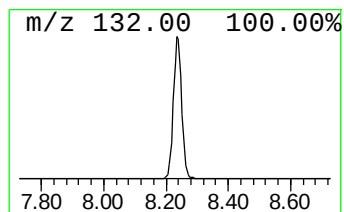
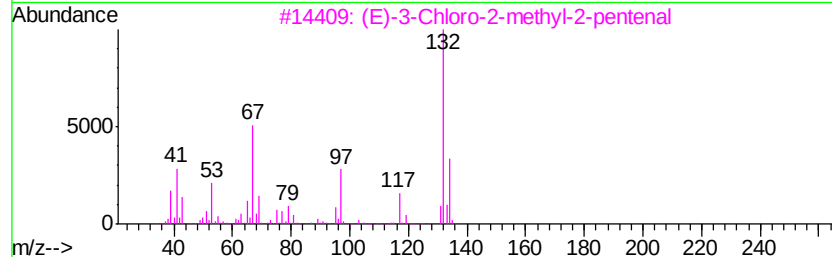
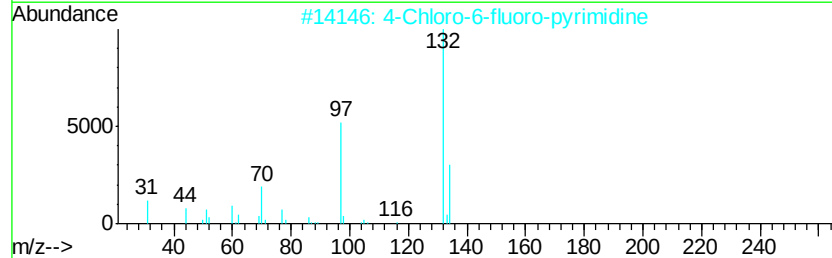
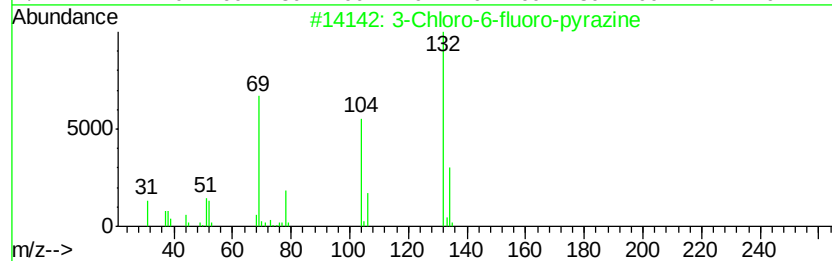
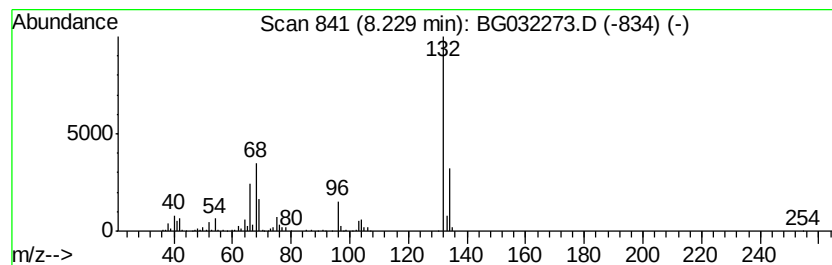
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Peak Number 2 unknown8.23 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 8.23 | 79.92 ng | 858661 | 1,4-Dichlorobenzene-d4 | 8.72 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 35   |
| 3    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 4    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 17   |
| 5    |    | Tranlylcypromine-propionyl       | 189 | C12H15NO  | 1000123-86-3 | 12   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.47 | 8.0     | ng    | 86119    | 1                     | 8.72 | 214877 | 20.0 |
| unknown8.23          | 8.23 | 79.9    | ng    | 858661   | 1                     | 8.72 | 214877 | 20.0 |