

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF033116\  
 Data File : BF085932.D  
 Acq On : 31 Mar 2016 17:25  
 Operator : UM/SJ  
 Sample : H1954-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-4

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\_F\METHODS\8270-BF032416.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         | 2.355       | 4             | 6           | 16           | rVB      | 91254          | 138346        | 4.16%           | 0.667%        |
| 2         | 4.961       | 232           | 234         | 242          | rBV      | 25220          | 38992         | 1.17%           | 0.188%        |
| 3         | 5.384       | 268           | 271         | 273          | rBV      | 1022369        | 1396209       | 42.00%          | 6.735%        |
| 4         | 6.424       | 360           | 362         | 364          | rBV      | 1040624        | 980064        | 29.48%          | 4.728%        |
| 5         | 6.550       | 371           | 373         | 376          | rBV      | 2008044        | 2232623       | 67.16%          | 10.770%       |
| 6         | 6.790       | 392           | 394         | 396          | rBV      | 634059         | 644707        | 19.39%          | 3.110%        |
| 7         | 6.939       | 405           | 407         | 410          | rBV      | 1788356        | 1946539       | 58.55%          | 9.390%        |
| 8         | 7.362       | 441           | 444         | 446          | rBV      | 1384175        | 1858859       | 55.92%          | 8.967%        |
| 9         | 8.070       | 504           | 506         | 509          | rBV      | 907861         | 860800        | 25.89%          | 4.152%        |
| 10        | 9.156       | 598           | 601         | 603          | rBV      | 3094942        | 3324423       | 100.00%         | 16.037%       |
| 11        | 9.545       | 634           | 635         | 637          | rBV      | 74572          | 67554         | 2.03%           | 0.326%        |
| 12        | 9.830       | 657           | 660         | 662          | rBV      | 850698         | 896941        | 26.98%          | 4.327%        |
| 13        | 10.619      | 726           | 729         | 731          | rBV      | 1917670        | 1869324       | 56.23%          | 9.017%        |
| 14        | 10.733      | 737           | 739         | 745          | rVB      | 29789          | 37410         | 1.13%           | 0.180%        |
| 15        | 11.305      | 787           | 789         | 792          | rBV2     | 675673         | 819809        | 24.66%          | 3.955%        |
| 16        | 11.842      | 834           | 836         | 838          | rBV      | 49895          | 55847         | 1.68%           | 0.269%        |
| 17        | 12.619      | 903           | 904         | 911          | rBV      | 31474          | 66134         | 1.99%           | 0.319%        |
| 18        | 12.894      | 926           | 928         | 931          | rBV      | 2491190        | 2330507       | 70.10%          | 11.242%       |
| 19        | 13.797      | 1004          | 1007        | 1014         | rBV      | 19070          | 35010         | 1.05%           | 0.169%        |
| 20        | 13.945      | 1018          | 1020        | 1023         | rVB      | 668526         | 576877        | 17.35%          | 2.783%        |
| 21        | 15.362      | 1141          | 1144        | 1147         | rBV      | 425499         | 553347        | 16.64%          | 2.669%        |

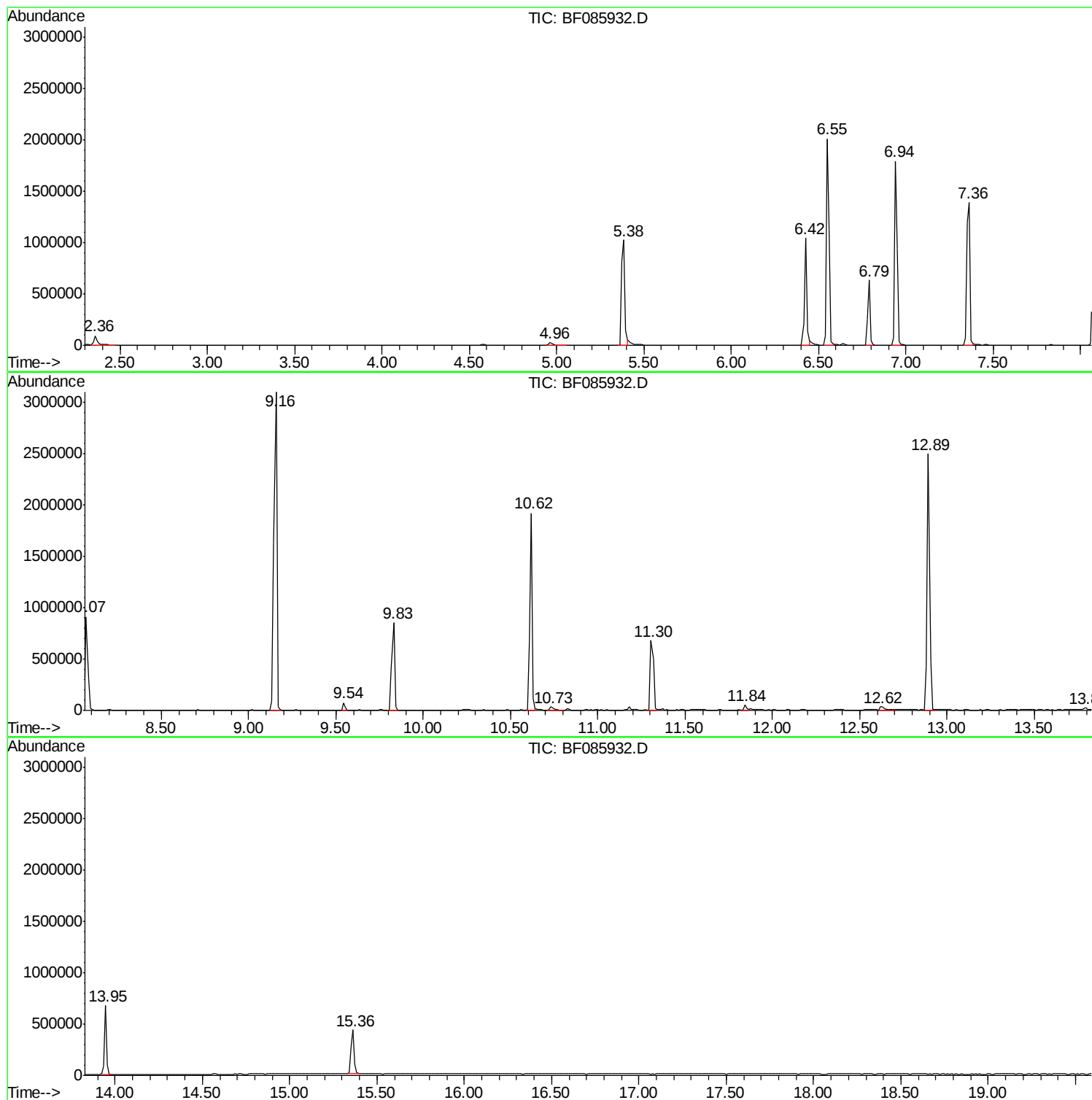
Sum of corrected areas: 20730322

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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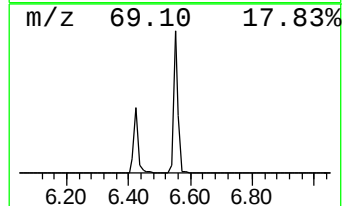
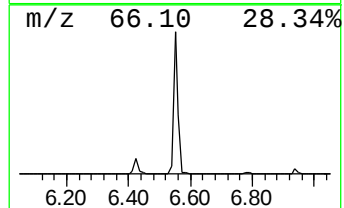
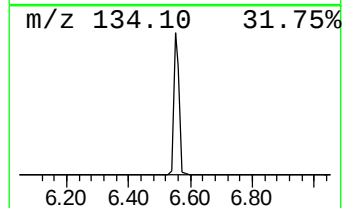
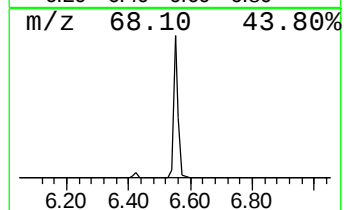
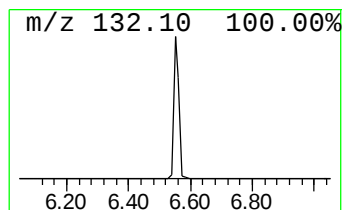
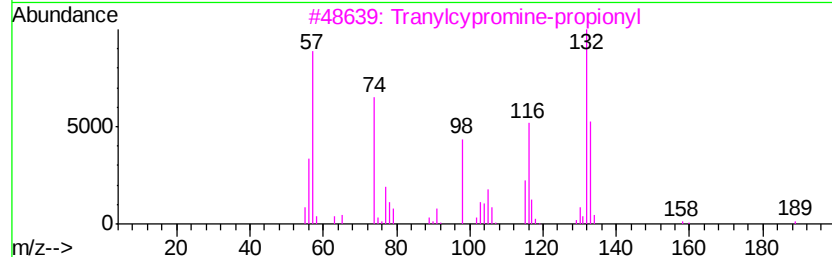
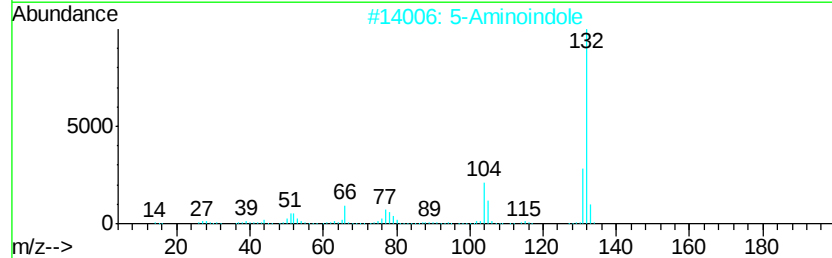
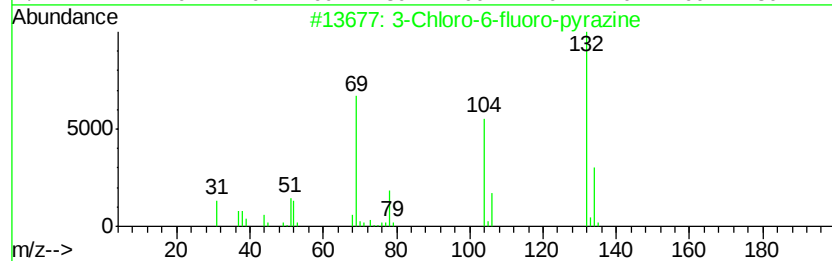
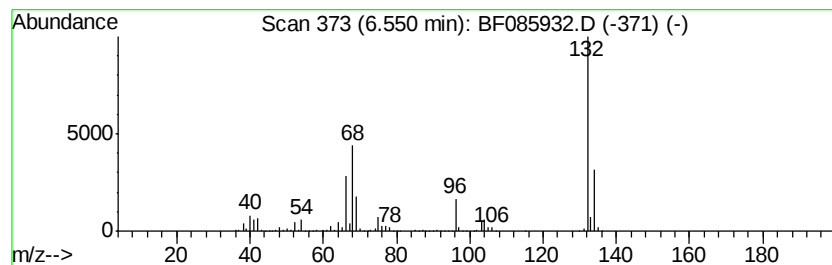
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Peak Number 1 unknown6.55 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.55 | 69.26 ng | 2232620 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    |   | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    |   | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    |   | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown6.55      | 6.55 | 69.3    | ng    | 2232620  | 1                     | 6.79 | 644707 | 20.0 |