

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102716\  
 Data File : BG024530.D  
 Acq On : 27 Oct 2016 20:52  
 Operator : UM/SJ  
 Sample : H5424-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 14B(1-4)-COMP

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-BG102516.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         | 5.338       | 421           | 425         | 430          | rVB5     | 19315          | 34355         | 1.25%           | 0.262%        |
| 2         | 5.802       | 498           | 504         | 512          | rVB4     | 48575          | 96353         | 3.52%           | 0.734%        |
| 3         | 7.400       | 772           | 776         | 779          | rBV4     | 51667          | 79491         | 2.90%           | 0.606%        |
| 4         | 7.794       | 837           | 843         | 850          | rBV2     | 80452          | 147143        | 5.37%           | 1.122%        |
| 5         | 8.270       | 918           | 924         | 933          | rBV2     | 408911         | 741681        | 27.09%          | 5.653%        |
| 6         | 8.599       | 972           | 980         | 986          | rBV2     | 95888          | 169603        | 6.20%           | 1.293%        |
| 7         | 9.445       | 1118          | 1124        | 1131         | rBV2     | 83418          | 168205        | 6.14%           | 1.282%        |
| 8         | 9.792       | 1176          | 1183        | 1187         | rBV7     | 22549          | 38302         | 1.40%           | 0.292%        |
| 9         | 11.102      | 1397          | 1406        | 1415         | rVB      | 525404         | 986125        | 36.02%          | 7.516%        |
| 10        | 13.511      | 1809          | 1816        | 1822         | rBV      | 215225         | 336281        | 12.28%          | 2.563%        |
| 11        | 14.328      | 1946          | 1955        | 1960         | rBV2     | 255388         | 386586        | 14.12%          | 2.947%        |
| 12        | 14.886      | 2041          | 2050        | 2057         | rVB      | 848226         | 1391716       | 50.84%          | 10.607%       |
| 13        | 15.685      | 2181          | 2186        | 2190         | rVB3     | 53766          | 74963         | 2.74%           | 0.571%        |
| 14        | 16.090      | 2248          | 2255        | 2259         | rBV6     | 21401          | 53040         | 1.94%           | 0.404%        |
| 15        | 16.372      | 2297          | 2303        | 2307         | rBV2     | 77988          | 119444        | 4.36%           | 0.910%        |
| 16        | 16.543      | 2328          | 2332        | 2340         | rBV2     | 80238          | 142465        | 5.20%           | 1.086%        |
| 17        | 17.342      | 2463          | 2468        | 2472         | rBV2     | 35026          | 52203         | 1.91%           | 0.398%        |
| 18        | 17.630      | 2510          | 2517        | 2524         | rBV2     | 1106076        | 1768620       | 64.60%          | 13.480%       |
| 19        | 18.076      | 2588          | 2593        | 2597         | rBV5     | 22021          | 31389         | 1.15%           | 0.239%        |
| 20        | 20.203      | 2950          | 2955        | 2960         | rVV      | 293648         | 408646        | 14.93%          | 3.115%        |
| 21        | 21.507      | 3172          | 3177        | 3188         | rBV4     | 134791         | 265378        | 9.69%           | 2.023%        |
| 22        | 21.925      | 3240          | 3248        | 3256         | rBV      | 1557892        | 2737591       | 100.00%         | 20.866%       |
| 23        | 22.871      | 3404          | 3409        | 3414         | rVB9     | 44565          | 78510         | 2.87%           | 0.598%        |
| 24        | 23.029      | 3431          | 3436        | 3438         | rBV6     | 36298          | 51628         | 1.89%           | 0.394%        |
| 25        | 25.362      | 3821          | 3833        | 3843         | rBV2     | 854312         | 2720029       | 99.36%          | 20.732%       |
| 26        | 27.671      | 4222          | 4226        | 4227         | rBV4     | 30746          | 40414         | 1.48%           | 0.308%        |

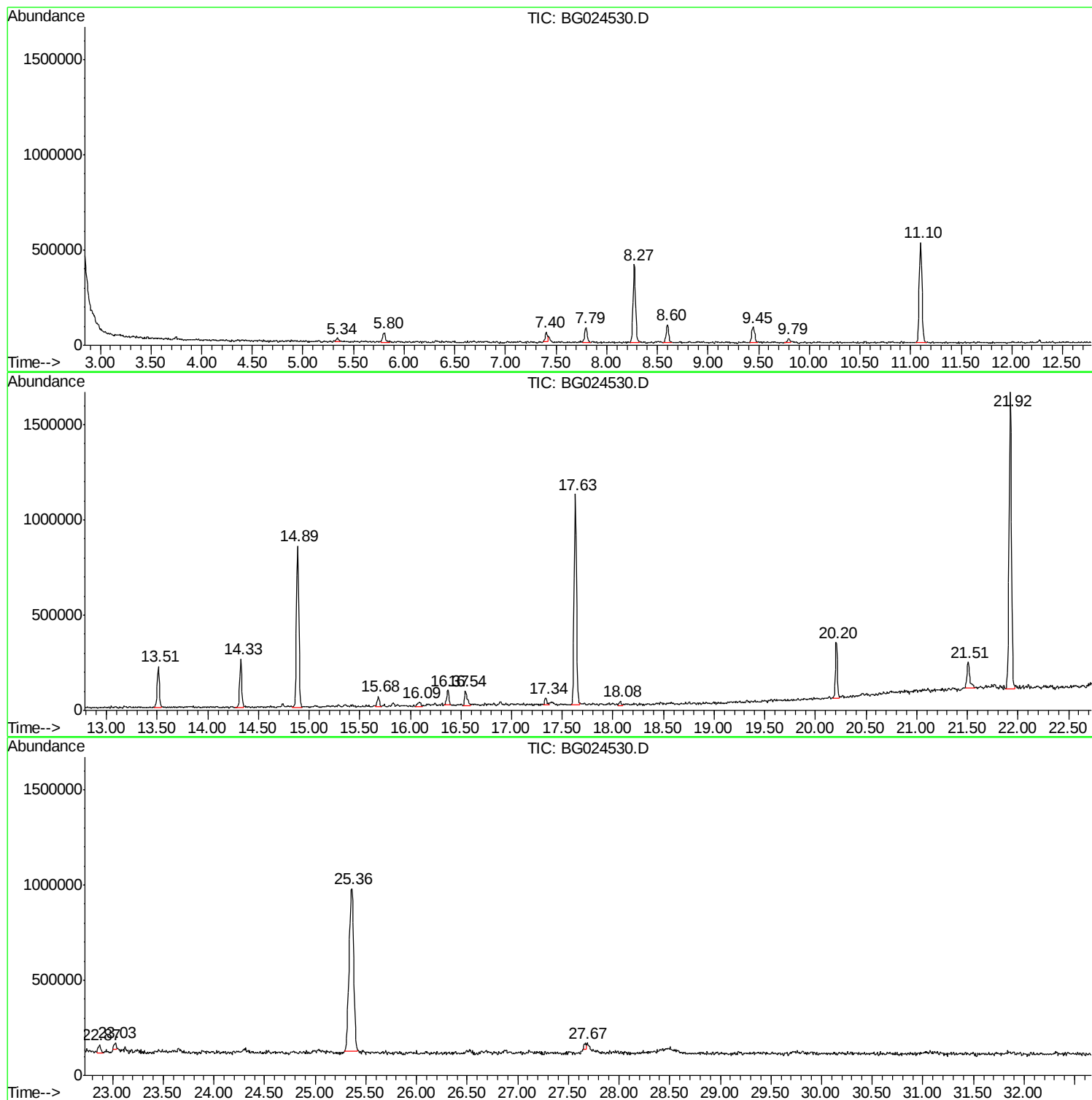
Sum of corrected areas: 13120161

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG102516.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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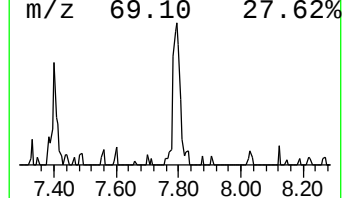
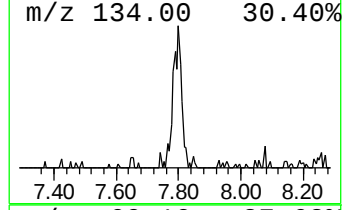
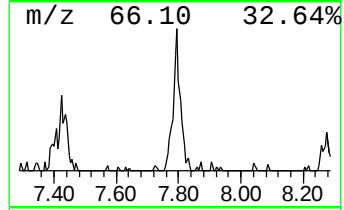
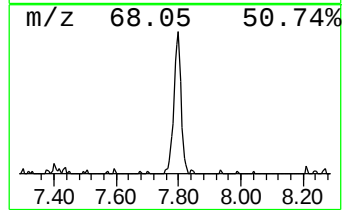
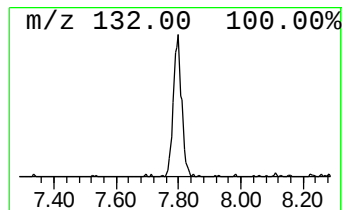
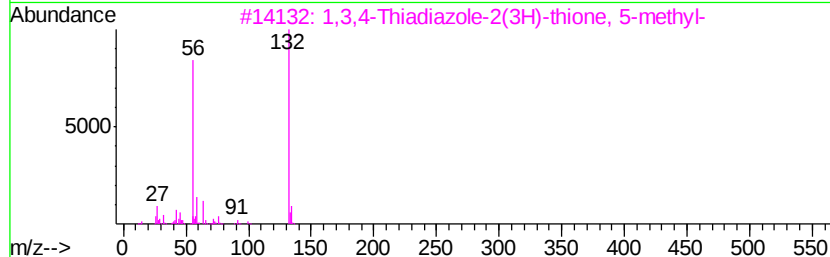
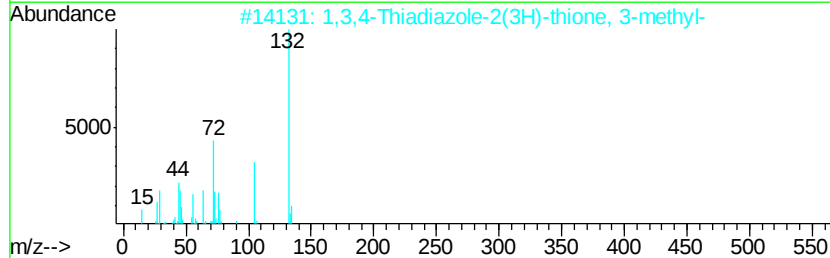
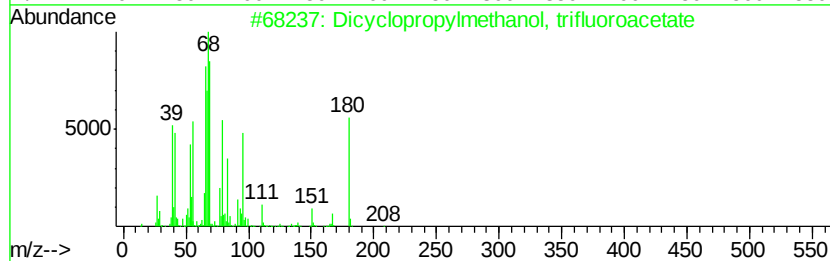
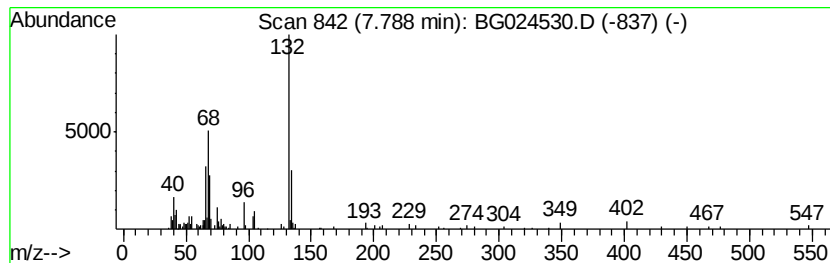
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Peak Number 1 unknown7.79 Concentration Rank 2

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 7.79 | 3.97 ng | 147143 | 1,4-Dichlorobenzene-d4 | 8.27 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Dicyclopropylmethanol, trifluoro... | 208 | C9H11F3O2 | 1000364-11-4 | 32   |
| 2    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029338-54-3  | 14   |
| 3    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 14   |
| 4    |    | 1,3,5-Trifluorobenzene              | 132 | C6H3F3    | 000372-38-3  | 10   |
| 5    |    | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 10   |



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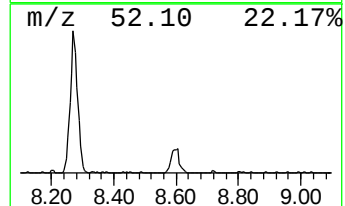
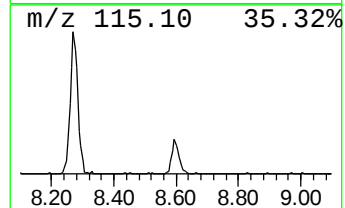
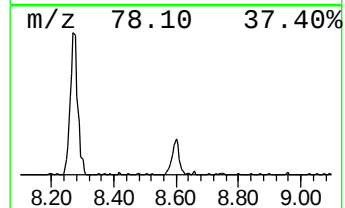
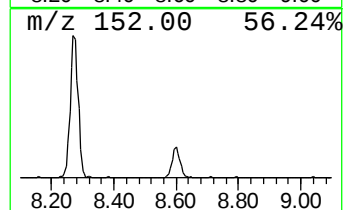
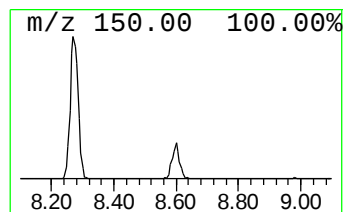
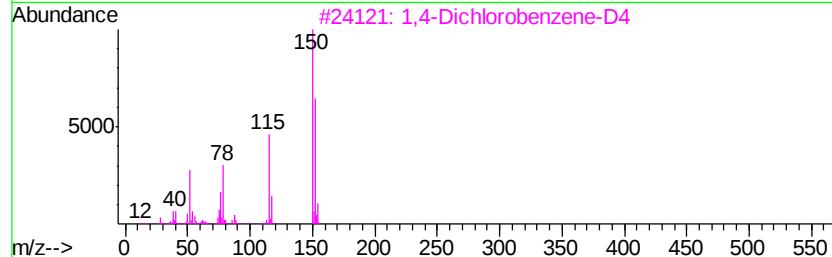
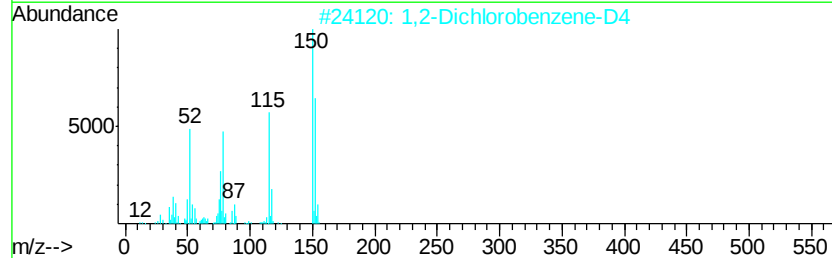
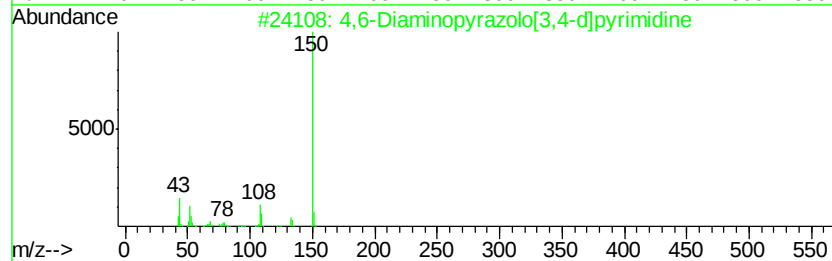
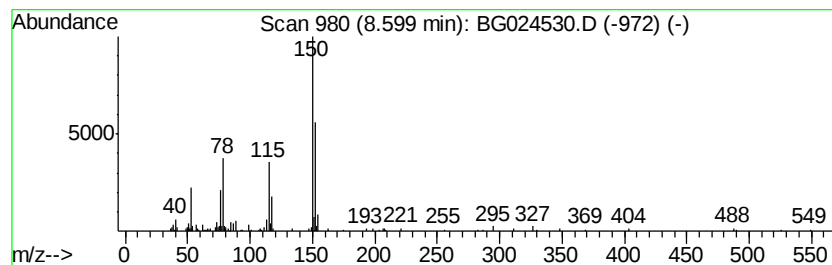
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Peak Number 2 unknown8.60 Concentration Rank 1

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 8.60 | 4.57 ng | 169603 | 1,4-Dichlorobenzene-d4 | 8.27 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 4,6-Diaminopyrazolo[3,4-d]pyrimi... | 150 | C5H6N6       | 005413-80-9  | 47      |      |      |
| 2    | 1,2-Dichlorobenzene-D4              | 150 | C6D4Cl2      | 002199-69-1  | 46      |      |      |
| 3    | 1,4-Dichlorobenzene-D4              | 150 | C6D4Cl2      | 003855-82-1  | 37      |      |      |
| 4    | Cyclobuta[1,2-a:3,4-a']diindene,... | 300 | C18H14Cl2    | 110848-73-2  | 25      |      |      |
| 5    | 4-Nitrobenzamide, N-allyl-          | 206 | C10H10N2O3   | 1000345-70-7 | 14      |      |      |



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| TIC Top Hit name | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                  |      |         |       |          | #                       | RT   | Resp   | Conc |
| unknown7.79      | 7.79 | 4.0     | ng    | 147143   | 1                       | 8.27 | 741681 | 20.0 |
| unknown8.60      | 8.60 | 4.6     | ng    | 169603   | 1                       | 8.27 | 741681 | 20.0 |