

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\  
 Data File : BG024155.D  
 Acq On : 28 Sep 2016 21:25  
 Operator : UM/SJ  
 Sample : H4992-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 092716-DRDC-F-U-M

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-BG092316.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         | 5.100       | 383           | 385         | 390          | rVB      | 45953          | 64325         | 1.18%           | 0.320%        |
| 2         | 5.587       | 464           | 468         | 479          | rBV      | 270798         | 475866        | 8.73%           | 2.366%        |
| 3         | 7.214       | 740           | 745         | 754          | rBV      | 191544         | 364923        | 6.70%           | 1.814%        |
| 4         | 7.567       | 799           | 805         | 816          | rBV      | 561346         | 1004237       | 18.43%          | 4.993%        |
| 5         | 8.037       | 879           | 885         | 893          | rBV      | 187970         | 337979        | 6.20%           | 1.680%        |
| 6         | 8.360       | 933           | 940         | 948          | rBV2     | 759466         | 1322110       | 24.27%          | 6.573%        |
| 7         | 9.217       | 1079          | 1086        | 1101         | rBV      | 699604         | 1346488       | 24.71%          | 6.694%        |
| 8         | 10.868      | 1359          | 1367        | 1380         | rBV      | 237031         | 483868        | 8.88%           | 2.406%        |
| 9         | 13.324      | 1777          | 1785        | 1801         | rBV      | 1938993        | 3166107       | 58.11%          | 15.740%       |
| 10        | 14.164      | 1924          | 1928        | 1937         | rBV      | 71561          | 129363        | 2.37%           | 0.643%        |
| 11        | 14.710      | 2015          | 2021        | 2032         | rBV      | 480406         | 769367        | 14.12%          | 3.825%        |
| 12        | 16.214      | 2271          | 2277        | 2295         | rBV      | 1054526        | 1847592       | 33.91%          | 9.185%        |
| 13        | 17.477      | 2486          | 2492        | 2504         | rBV2     | 624689         | 1048487       | 19.24%          | 5.213%        |
| 14        | 20.085      | 2930          | 2936        | 2949         | rBV      | 4144534        | 5448235       | 100.00%         | 27.086%       |
| 15        | 21.783      | 3219          | 3225        | 3242         | rVB      | 655613         | 1209489       | 22.20%          | 6.013%        |
| 16        | 25.119      | 3782          | 3793        | 3807         | rBV      | 361417         | 1096291       | 20.12%          | 5.450%        |

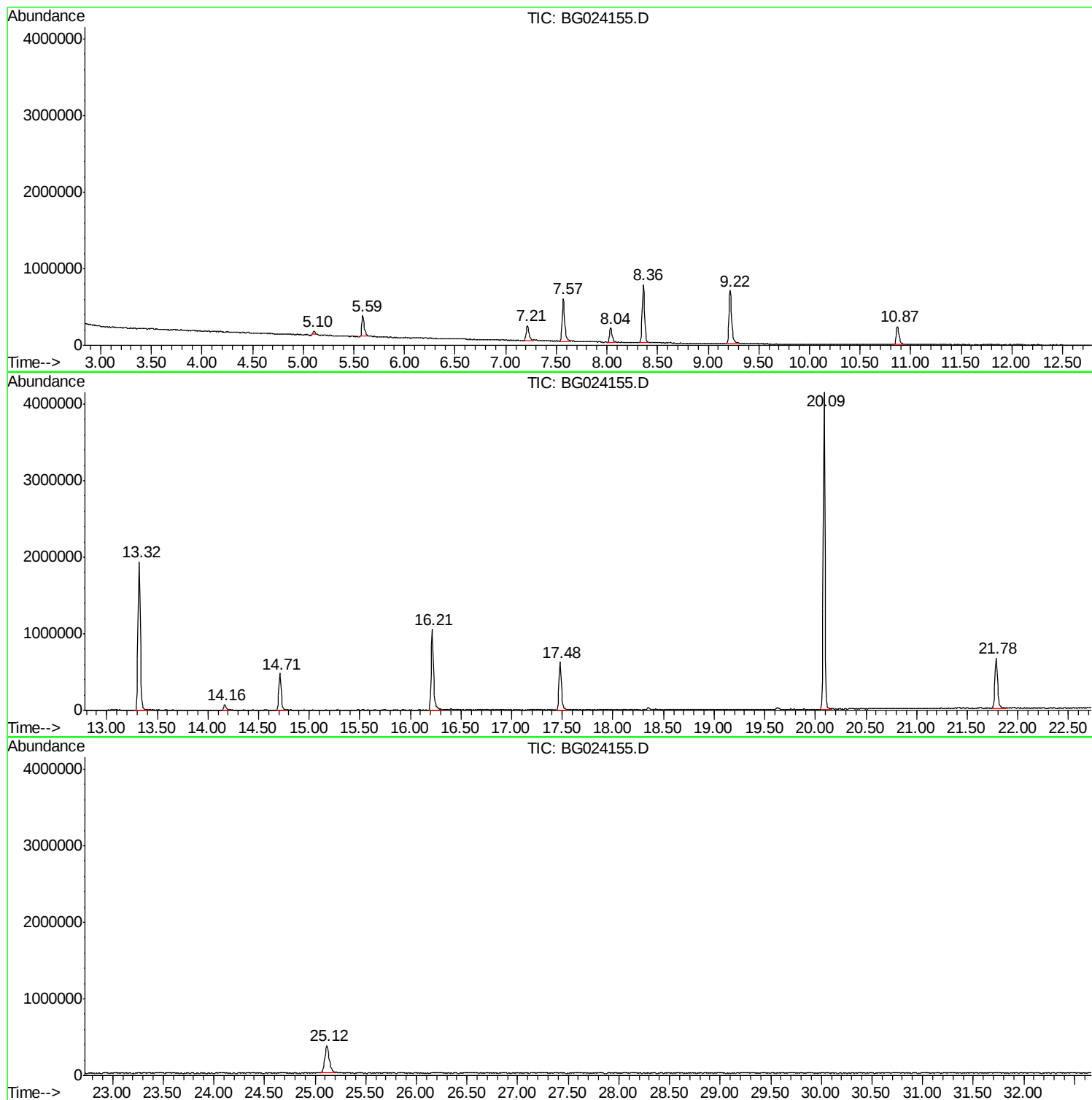
Sum of corrected areas: 20114727

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.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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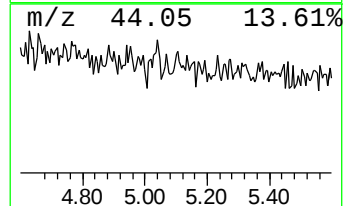
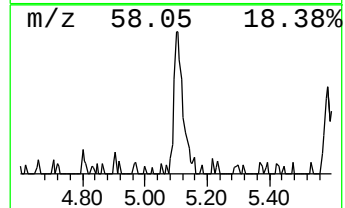
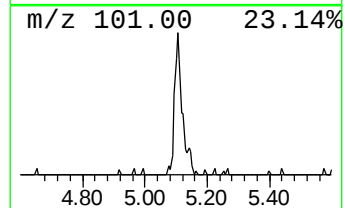
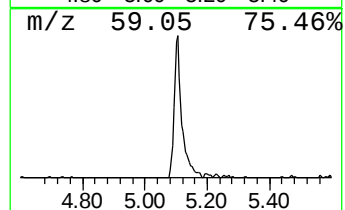
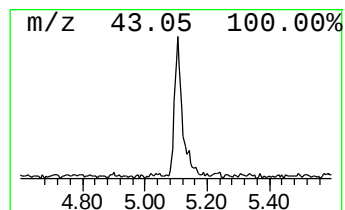
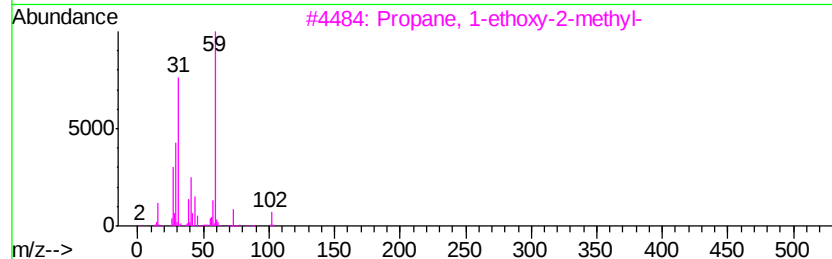
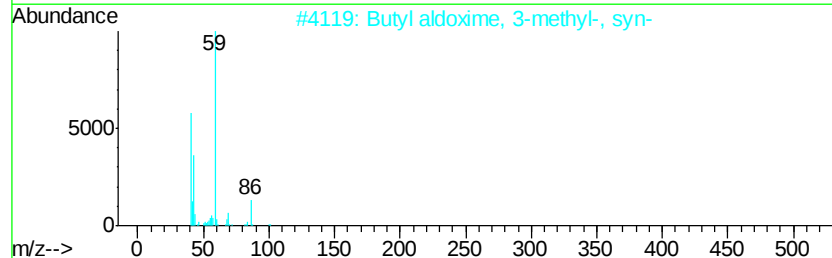
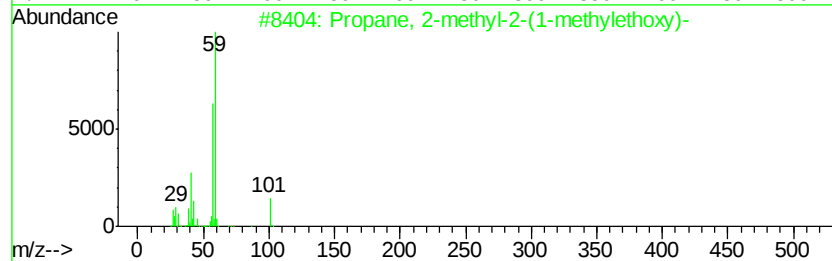
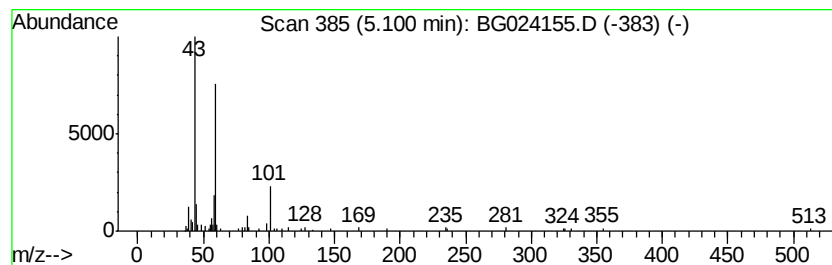
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Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.10 | 3.81 ng | 64325 | 1,4-Dichlorobenzene-d4 | 8.04 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O  | 017348-59-3 | 50   |
| 2    |    |   | Butyl aldoxime, 3-methyl-, syn-     | 101 | C5H11NO | 005780-40-5 | 40   |
| 3    |    |   | Propane, 1-ethoxy-2-methyl-         | 102 | C6H14O  | 000627-02-1 | 40   |
| 4    |    |   | 1-Butanol, 3-methoxy-               | 104 | C5H12O2 | 002517-43-3 | 40   |
| 5    |    |   | 3-Octanol                           | 130 | C8H18O  | 000589-98-0 | 36   |



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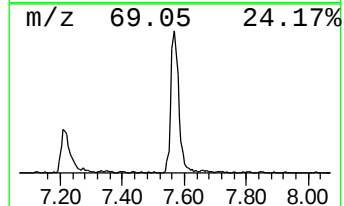
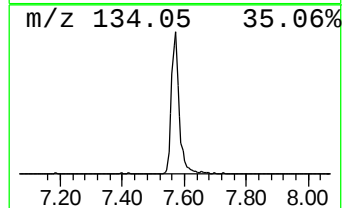
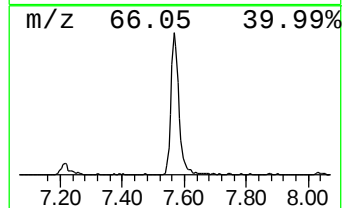
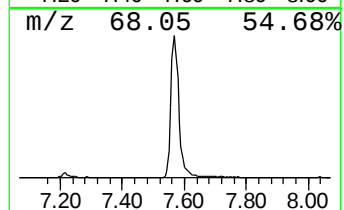
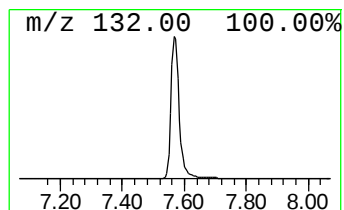
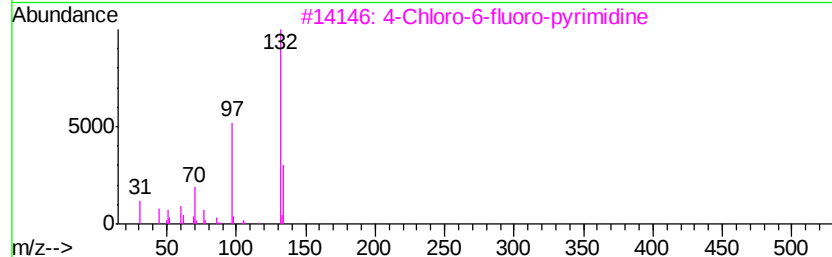
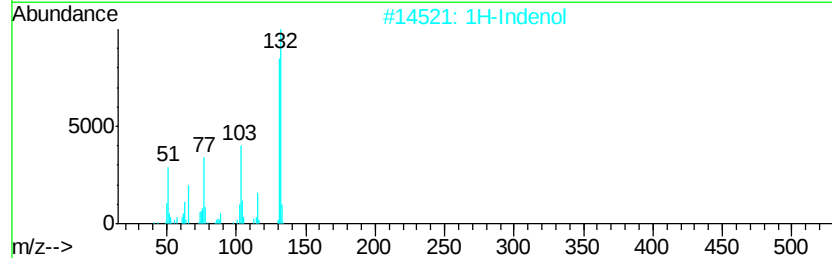
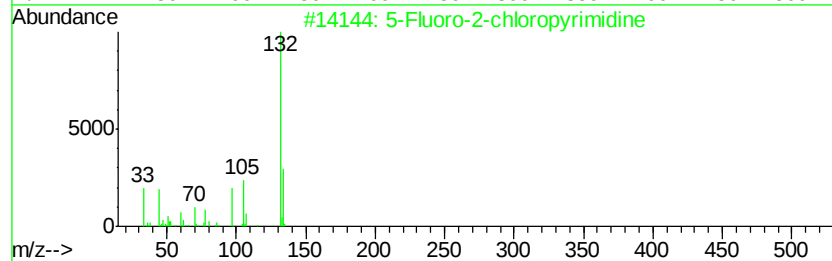
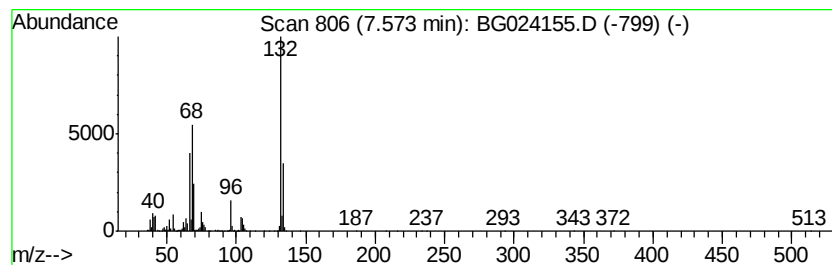
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Peak Number 2 unknown7.57 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.57 | 59.43 ng | 1004240 | 1,4-Dichlorobenzene-d4 | 8.04 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 14   |
| 2    |    | 1H-Indenol                       | 132 | C9H8O     | 056631-57-3  | 14   |
| 3    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 14   |
| 4    |    | Cyclopropanamine, 1-phenyl-      | 133 | C9H11N    | 1000351-26-2 | 10   |
| 5    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Propane, 2-methyl... | 5.10 | 3.8     | ng    | 64325    | 1                     | 8.04 | 337979 | 20.0 |
| unknown7.57          | 7.57 | 59.4    | ng    | 1004240  | 1                     | 8.04 | 337979 | 20.0 |