

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051415\  
 Data File : BG017140.D  
 Acq On : 14 May 2015 14:56  
 Operator : TP/IZ  
 Sample : G2177-11  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-24(10-15)

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-BG051315.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         | 2.799       | 14            | 19          | 28           | rBV      | 19934161       | 31332235      | 100.00%         | 55.420%       |
| 2         | 2.864       | 28            | 30          | 43           | rVB      | 1293987        | 1746762       | 5.57%           | 3.090%        |
| 3         | 5.296       | 438           | 444         | 460          | rBV      | 1297052        | 1858572       | 5.93%           | 3.287%        |
| 4         | 6.900       | 710           | 717         | 730          | rBV      | 1382566        | 2149389       | 6.86%           | 3.802%        |
| 5         | 7.247       | 768           | 776         | 784          | rBV      | 1307915        | 2042214       | 6.52%           | 3.612%        |
| 6         | 7.705       | 847           | 854         | 860          | rBV      | 255487         | 403417        | 1.29%           | 0.714%        |
| 7         | 8.023       | 902           | 908         | 918          | rVB      | 916014         | 1433119       | 4.57%           | 2.535%        |
| 8         | 8.869       | 1043          | 1052        | 1059         | rBV      | 801902         | 1308994       | 4.18%           | 2.315%        |
| 9         | 10.502      | 1321          | 1330        | 1337         | rBV      | 339807         | 575362        | 1.84%           | 1.018%        |
| 10        | 12.981      | 1745          | 1752        | 1764         | rBV      | 1895862        | 2703082       | 8.63%           | 4.781%        |
| 11        | 14.362      | 1977          | 1987        | 1997         | rBV2     | 538493         | 808409        | 2.58%           | 1.430%        |
| 12        | 15.855      | 2233          | 2241        | 2250         | rBV      | 1822316        | 2580798       | 8.24%           | 4.565%        |
| 13        | 17.106      | 2447          | 2454        | 2460         | rBV2     | 771347         | 1055575       | 3.37%           | 1.867%        |
| 14        | 19.744      | 2897          | 2903        | 2911         | rBV      | 3466256        | 4241009       | 13.54%          | 7.501%        |
| 15        | 21.295      | 3161          | 3167        | 3178         | rVB      | 940795         | 1173841       | 3.75%           | 2.076%        |
| 16        | 23.557      | 3544          | 3552        | 3562         | rBV      | 585590         | 1123560       | 3.59%           | 1.987%        |

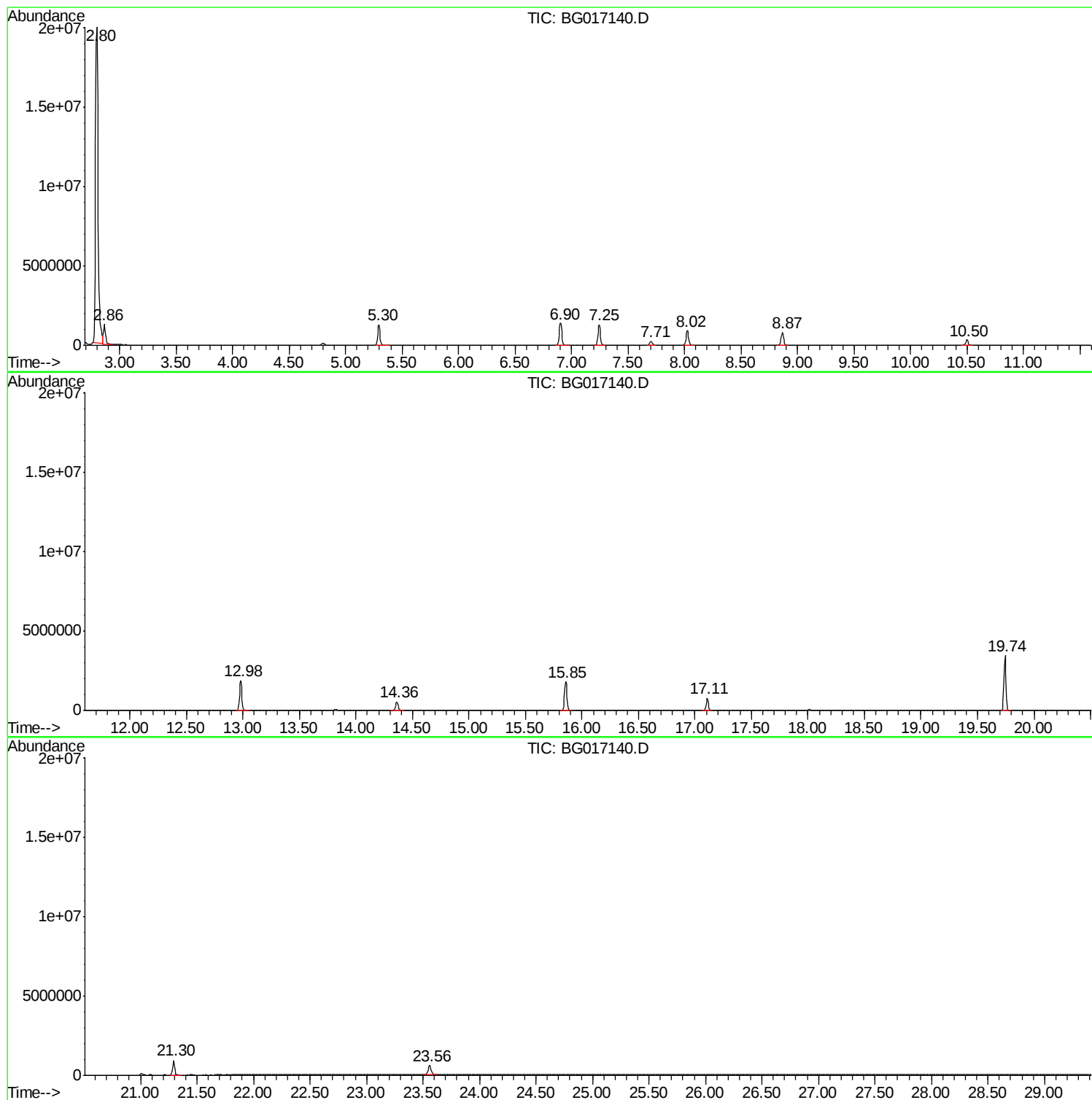
Sum of corrected areas: 56536338

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051415\  
Data File : BG017140.D  
Acq On : 14 May 2015 14:56  
Operator : TP/IZ  
Sample : G2177-11  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PS-24(10-15)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051415\  
Data File : BG017140.D  
Acq On : 14 May 2015 14:56  
Operator : TP/IZ  
Sample : G2177-11  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PS-24(10-15)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

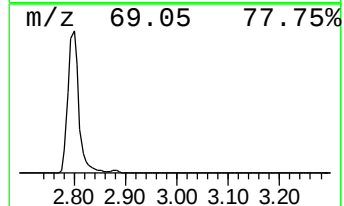
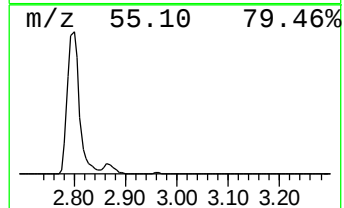
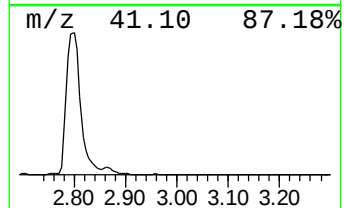
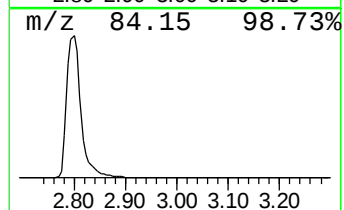
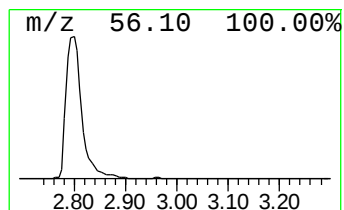
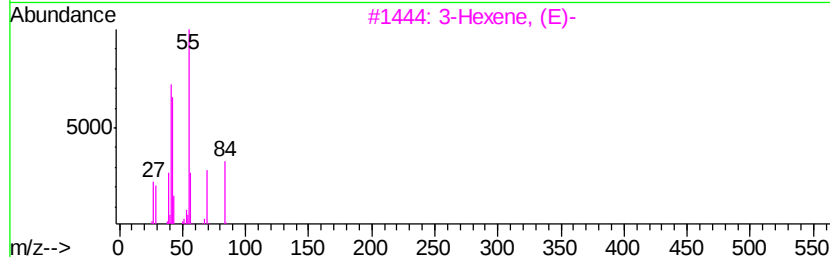
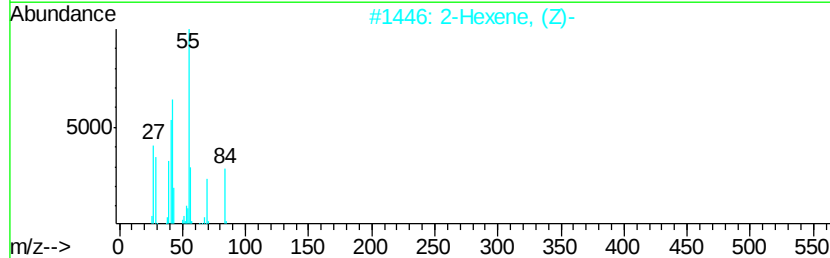
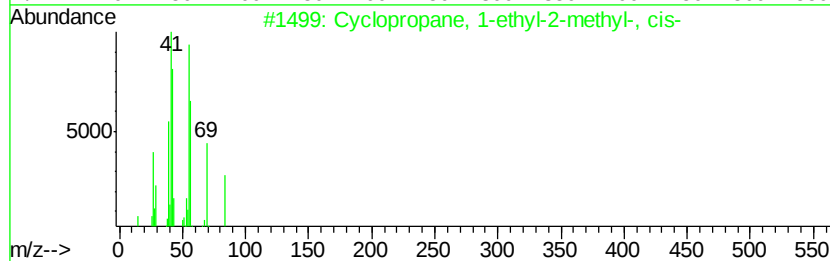
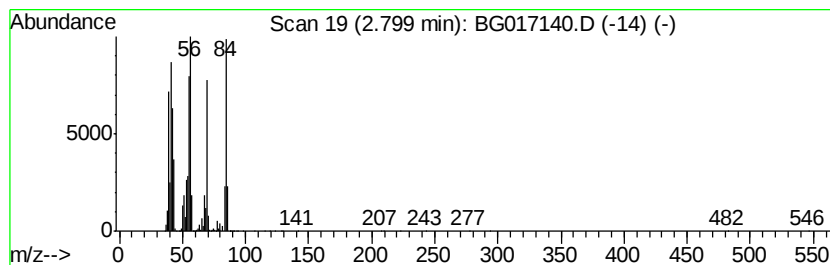
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Cyclopropane, 1-ethyl-2-met... Concentration Rank 1

| R.T. | EstConc    | Area     | Relative to ISTD       | R.T. |
|------|------------|----------|------------------------|------|
| 2.80 | 1553.34 ng | 31332200 | 1,4-Dichlorobenzene-d4 | 7.71 |

| Hit# of | 5 | Tentative ID                         | MW | MolForm | CAS#        | Qual |
|---------|---|--------------------------------------|----|---------|-------------|------|
| 1       |   | Cyclopropane, 1-ethyl-2-methyl-, ... | 84 | C6H12   | 019781-68-1 | 53   |
| 2       |   | 2-Hexene, (Z)-                       | 84 | C6H12   | 007688-21-3 | 52   |
| 3       |   | 3-Hexene, (E)-                       | 84 | C6H12   | 013269-52-8 | 50   |
| 4       |   | 3-Hexene, (Z)-                       | 84 | C6H12   | 007642-09-3 | 50   |
| 5       |   | 2-Hexene, (E)-                       | 84 | C6H12   | 004050-45-7 | 50   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051415\  
Data File : BG017140.D  
Acq On : 14 May 2015 14:56  
Operator : TP/IZ  
Sample : G2177-11  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PS-24(10-15)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

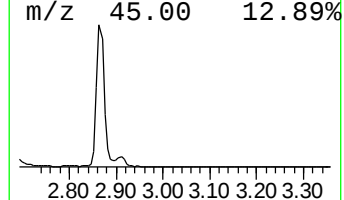
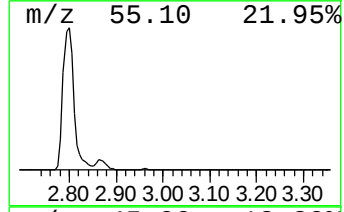
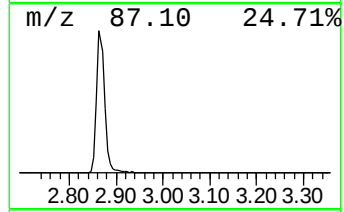
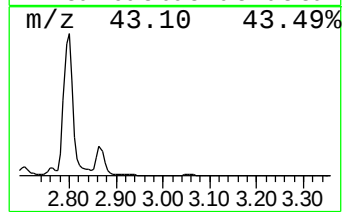
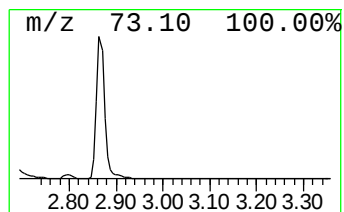
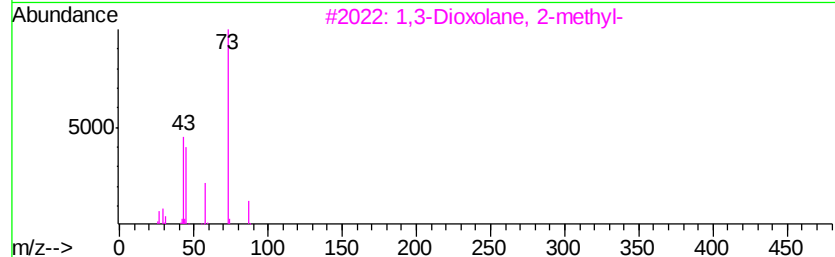
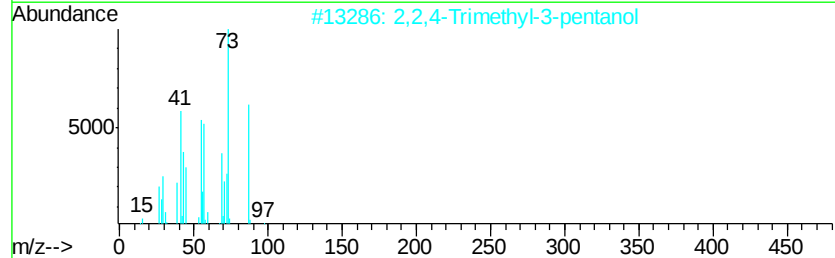
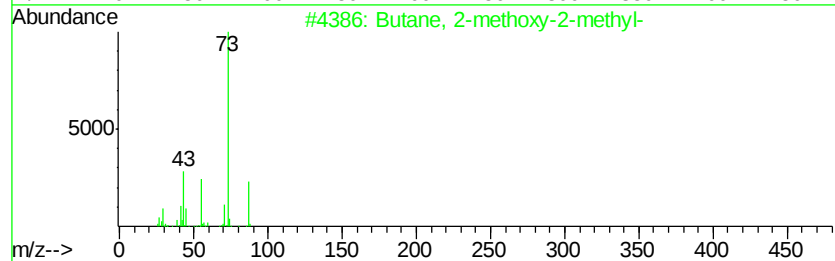
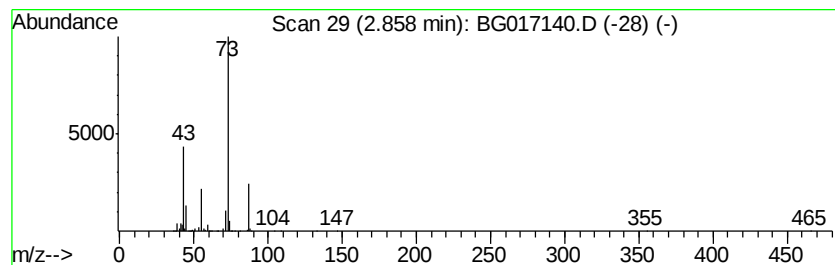
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 2.86 | 86.60 ng | 1746760 | 1,4-Dichlorobenzene-d4 | 7.71 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 36   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 9    |
| 5    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 9    |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051415\  
Data File : BG017140.D  
Acq On : 14 May 2015 14:56  
Operator : TP/IZ  
Sample : G2177-11  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PS-24(10-15)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

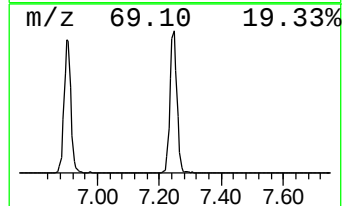
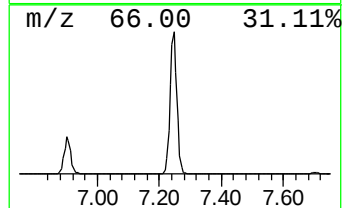
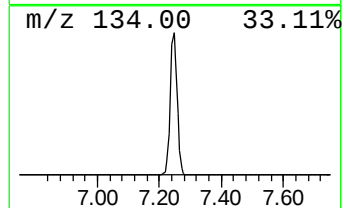
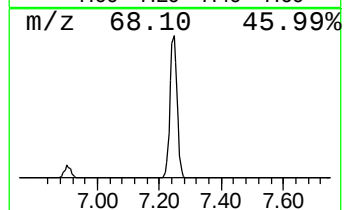
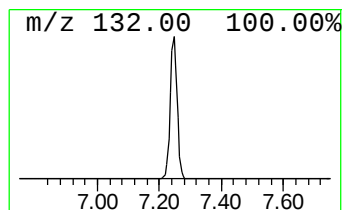
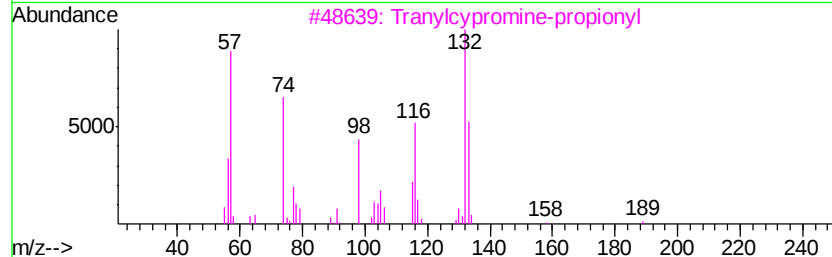
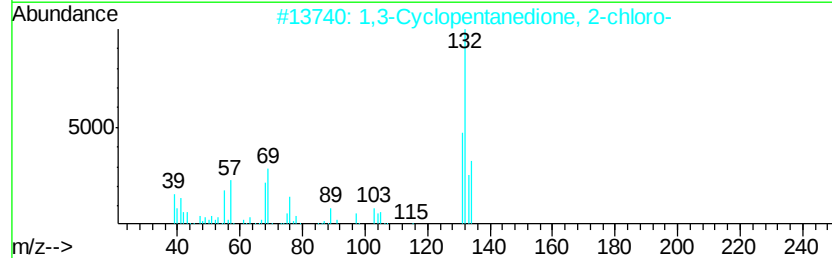
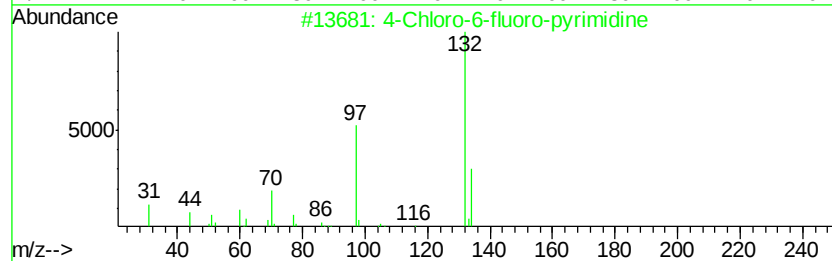
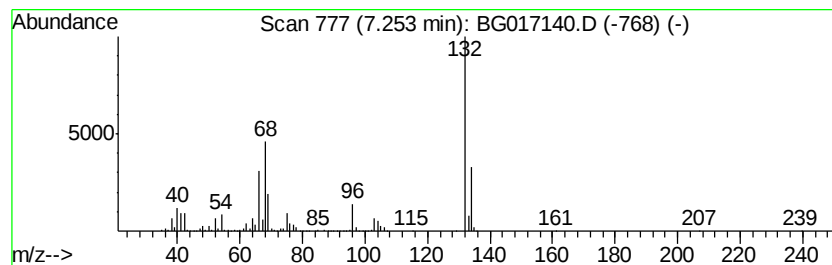
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown7.25 Concentration Rank 2

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.25 | 101.25 ng | 2042210 | 1,4-Dichlorobenzene-d4 | 7.71 |

| Hit# of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|---------|---|----------------------------------|-----|-----------|--------------|------|
| 1       |   | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2       |   | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 23   |
| 3       |   | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 4       |   | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 5       |   | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051415\  
Data File : BG017140.D  
Acq On : 14 May 2015 14:56  
Operator : TP/IZ  
Sample : G2177-11  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PS-24(10-15)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Cyclopropane, 1-e... | 2.80 | 1553.3  | ng    | 31332200 | 1                     | 7.71 | 403417 | 20.0 |
| Butane, 2-methoxy... | 2.86 | 86.6    | ng    | 1746760  | 1                     | 7.71 | 403417 | 20.0 |
| unknown7.25          | 7.25 | 101.3   | ng    | 2042210  | 1                     | 7.71 | 403417 | 20.0 |