

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050115\  
 Data File : BF078892.D  
 Acq On : 1 May 2015 15:00  
 Operator : TP/IZ  
 Sample : G2044-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-61D

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-BF043015.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         | 1.518       | 26            | 29          | 32           | rVB      | 6227711        | 7156696       | 90.91%          | 18.197%       |
| 2         | 1.656       | 38            | 41          | 50           | rVB      | 237402         | 556338        | 7.07%           | 1.415%        |
| 3         | 1.770       | 50            | 51          | 55           | rVV      | 636974         | 908439        | 11.54%          | 2.310%        |
| 4         | 1.838       | 55            | 57          | 61           | rVV      | 283237         | 432577        | 5.49%           | 1.100%        |
| 5         | 1.907       | 61            | 63          | 107          | rVB      | 2985393        | 7872660       | 100.00%         | 20.017%       |
| 6         | 5.164       | 346           | 348         | 357          | rVB      | 388301         | 464773        | 5.90%           | 1.182%        |
| 7         | 5.656       | 388           | 391         | 393          | rBV      | 2344893        | 2289661       | 29.08%          | 5.822%        |
| 8         | 6.902       | 498           | 500         | 503          | rBV      | 1806086        | 2315315       | 29.41%          | 5.887%        |
| 9         | 7.062       | 512           | 514         | 517          | rBV      | 1889229        | 2424140       | 30.79%          | 6.164%        |
| 10        | 7.359       | 538           | 540         | 542          | rBV      | 509060         | 460209        | 5.85%           | 1.170%        |
| 11        | 7.542       | 554           | 556         | 559          | rVB      | 1726548        | 1660760       | 21.10%          | 4.223%        |
| 12        | 8.045       | 598           | 600         | 603          | rBV      | 1552625        | 1423633       | 18.08%          | 3.620%        |
| 13        | 8.936       | 675           | 678         | 680          | rBV      | 635554         | 621421        | 7.89%           | 1.580%        |
| 14        | 10.285      | 793           | 796         | 798          | rBV      | 2313191        | 2509558       | 31.88%          | 6.381%        |
| 15        | 10.788      | 838           | 840         | 842          | rBV      | 104882         | 126562        | 1.61%           | 0.322%        |
| 16        | 11.108      | 866           | 868         | 871          | rVB      | 644733         | 705544        | 8.96%           | 1.794%        |
| 17        | 12.091      | 951           | 954         | 957          | rBV      | 2005725        | 1968888       | 25.01%          | 5.006%        |
| 18        | 12.960      | 1027          | 1030        | 1032         | rBV      | 789486         | 764745        | 9.71%           | 1.944%        |
| 19        | 14.960      | 1202          | 1205        | 1207         | rBV      | 2518273        | 2568054       | 32.62%          | 6.530%        |
| 20        | 16.137      | 1305          | 1308        | 1317         | rBV      | 177235         | 254352        | 3.23%           | 0.647%        |
| 21        | 16.274      | 1317          | 1320        | 1322         | rVV      | 777697         | 828439        | 10.52%          | 2.106%        |
| 22        | 16.320      | 1322          | 1324        | 1326         | rVB      | 74710          | 89452         | 1.14%           | 0.227%        |
| 23        | 17.497      | 1424          | 1427        | 1429         | rBV      | 68251          | 81590         | 1.04%           | 0.207%        |
| 24        | 18.103      | 1477          | 1480        | 1483         | rBV      | 653482         | 845959        | 10.75%          | 2.151%        |

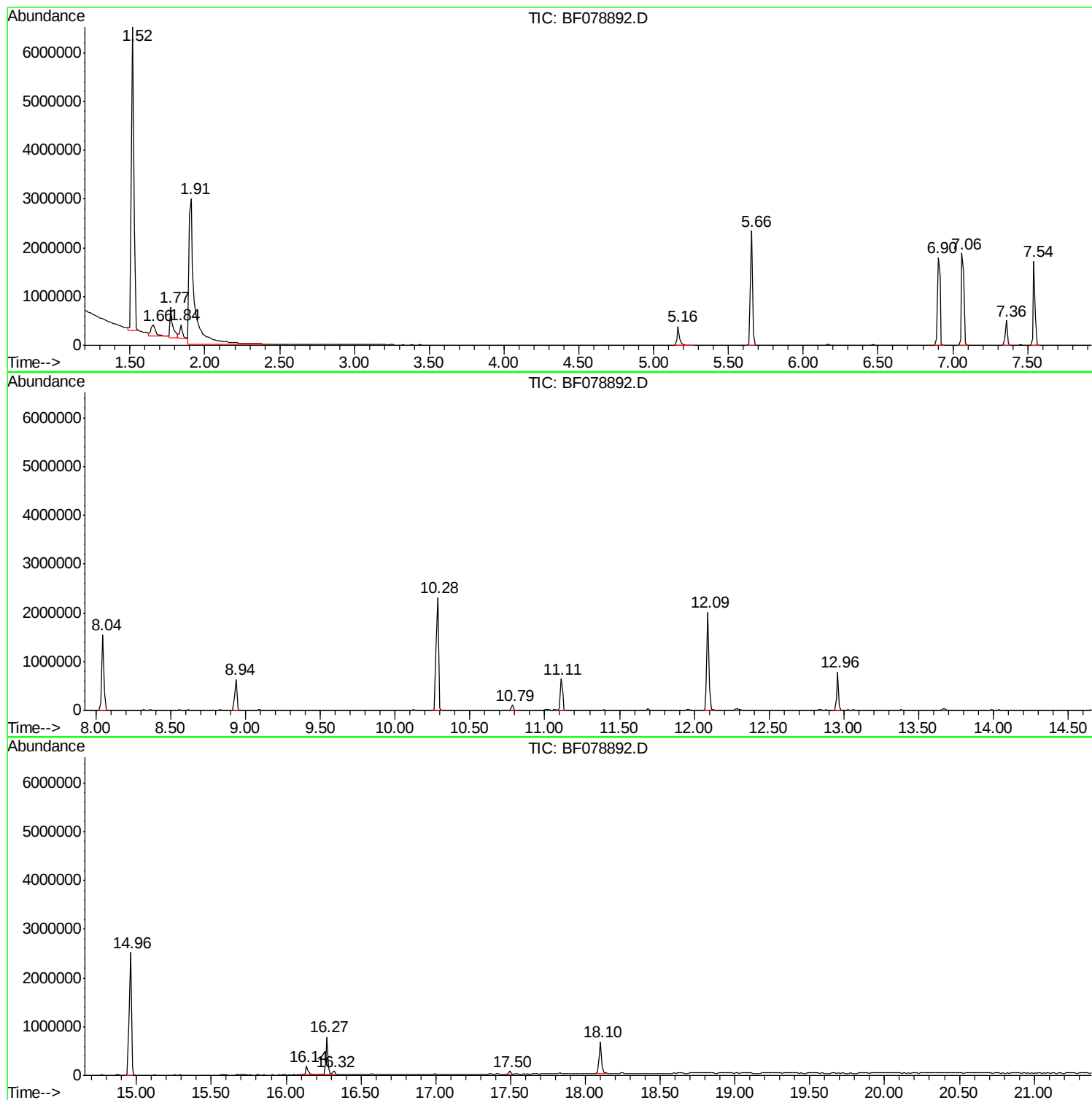
Sum of corrected areas: 39329765

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050115\  
Data File : BF078892.D  
Acq On : 1 May 2015 15:00  
Operator : TP/IZ  
Sample : G2044-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-61D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.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\_F\DATA\BF050115\  
Data File : BF078892.D  
Acq On : 1 May 2015 15:00  
Operator : TP/IZ  
Sample : G2044-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-61D

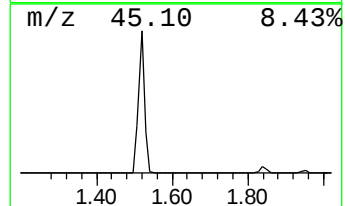
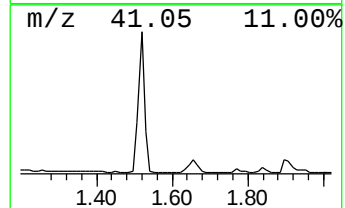
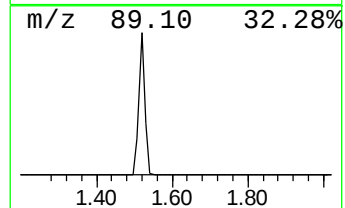
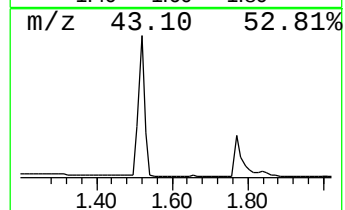
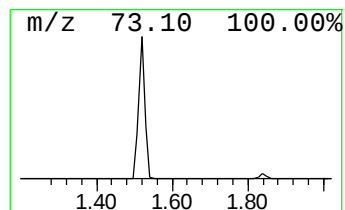
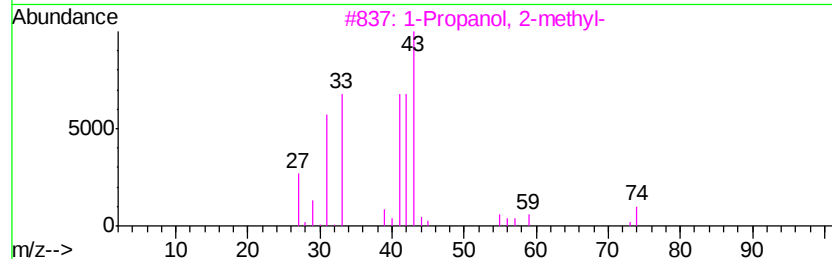
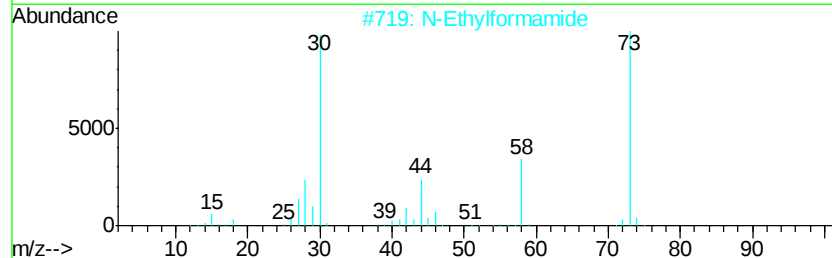
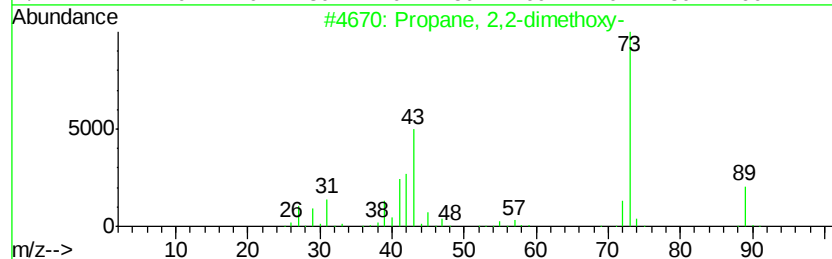
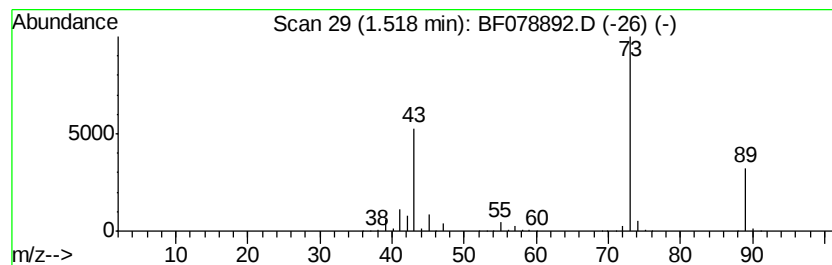
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 1.52 | 311.02 ng | 7156700 | 1,4-Dichlorobenzene-d4 | 7.36 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propane, 2,2-dimethoxy-      | 104 | C5H12O2 | 000077-76-9 | 72   |
| 2    |    |   | N-Ethylformamide             | 73  | C3H7NO  | 000627-45-2 | 9    |
| 3    |    |   | 1-Propanol, 2-methyl-        | 74  | C4H10O  | 000078-83-1 | 9    |
| 4    |    |   | 1,3-Diaminoquanidine         | 89  | CH7N5   | 004364-78-7 | 9    |
| 5    |    |   | Propane, 2-methoxy-2-methyl- | 88  | C5H12O  | 001634-04-4 | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050115\  
Data File : BF078892.D  
Acq On : 1 May 2015 15:00  
Operator : TP/IZ  
Sample : G2044-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-61D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

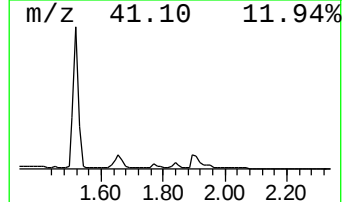
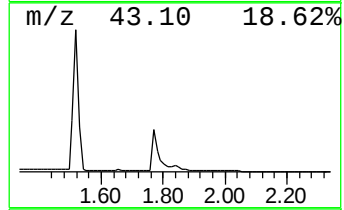
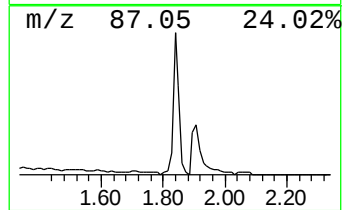
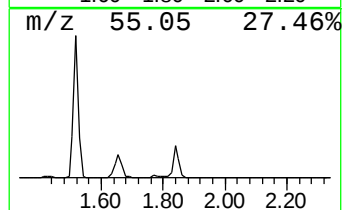
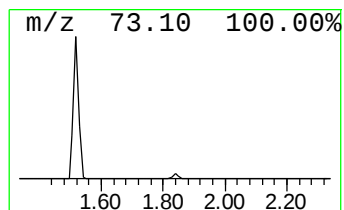
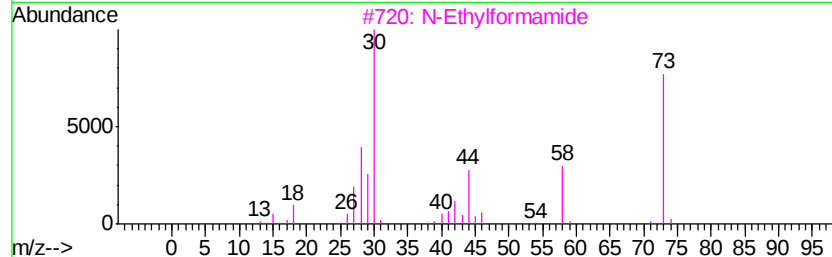
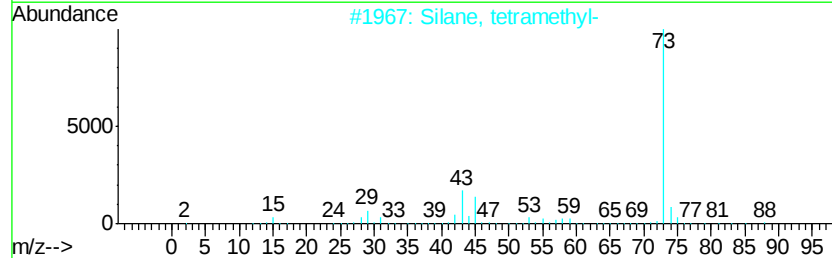
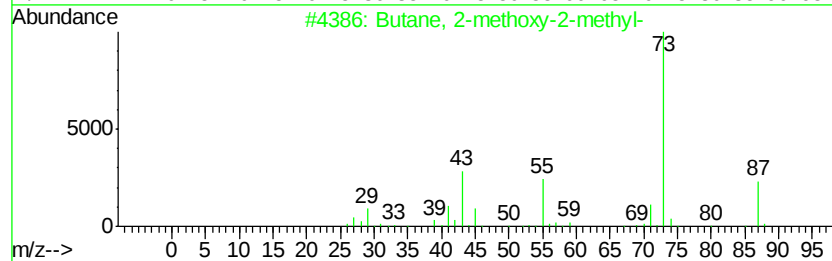
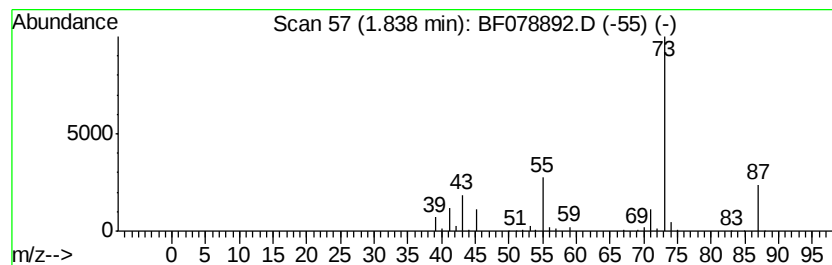
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 8

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 1.84 | 18.80 ng | 432577 | 1,4-Dichlorobenzene-d4 | 7.36 |

| Hit# of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------------|-----|---------|-------------|------|
| 1         | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2         | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 30   |
| 3         | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 4         | 1-Propene-1-thiol           | 74  | C3H6S   | 000925-89-3 | 9    |
| 5         | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 9    |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\  
Data File : BF078892.D  
Acq On : 1 May 2015 15:00  
Operator : TP/IZ  
Sample : G2044-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-61D

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

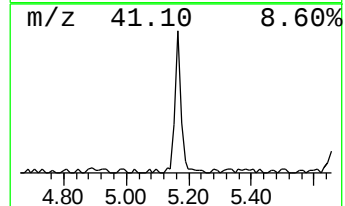
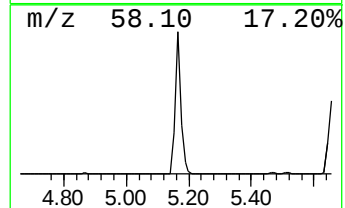
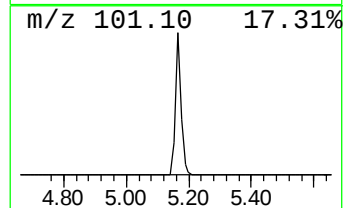
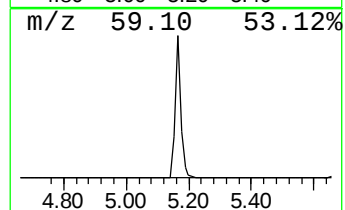
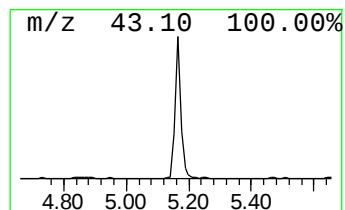
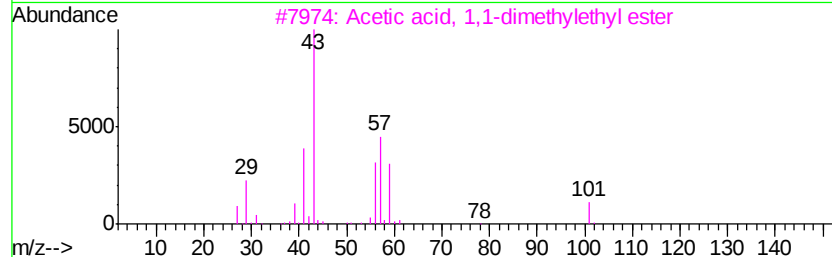
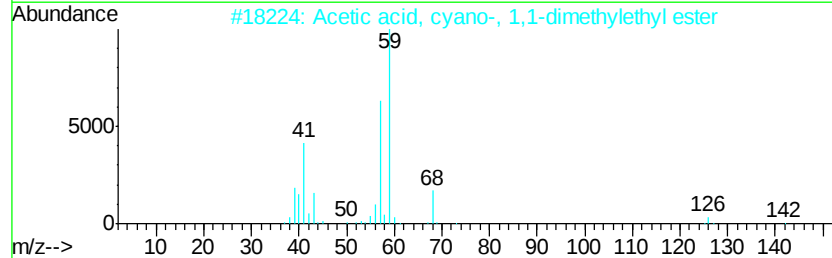
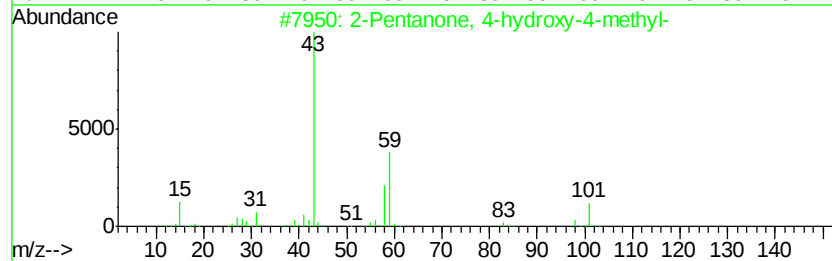
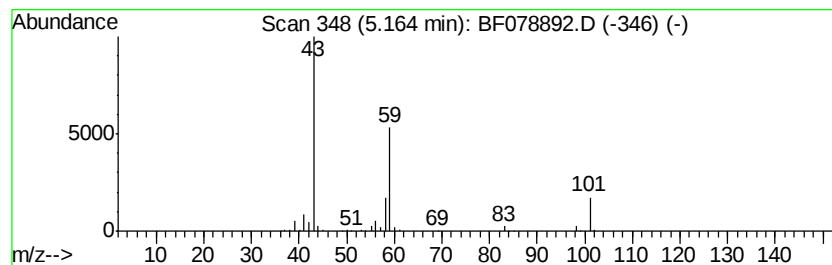
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.16 | 20.20 ng | 464773 | 1,4-Dichlorobenzene-d4 | 7.36 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 3    |    | Acetic acid, 1,1-dimethylethyl e...  | 116 | C6H12O2  | 000540-88-5 | 17   |
| 4    |    | 1-Propen-2-ol, acetate               | 100 | C5H8O2   | 000108-22-5 | 10   |
| 5    |    | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050115\  
Data File : BF078892.D  
Acq On : 1 May 2015 15:00  
Operator : TP/IZ  
Sample : G2044-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-61D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

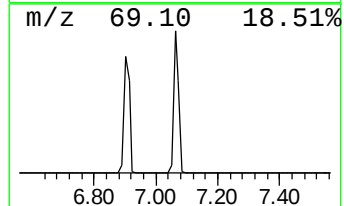
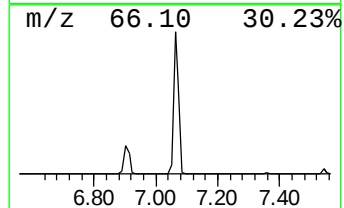
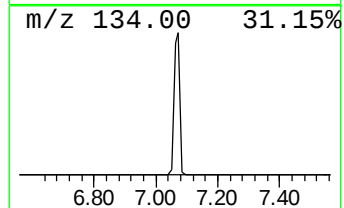
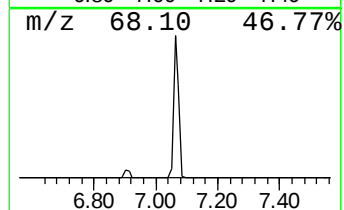
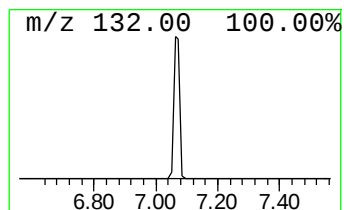
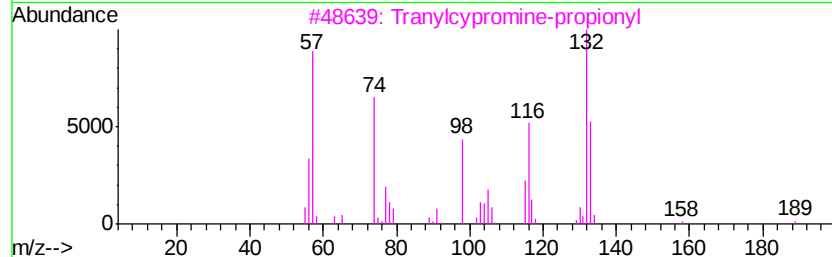
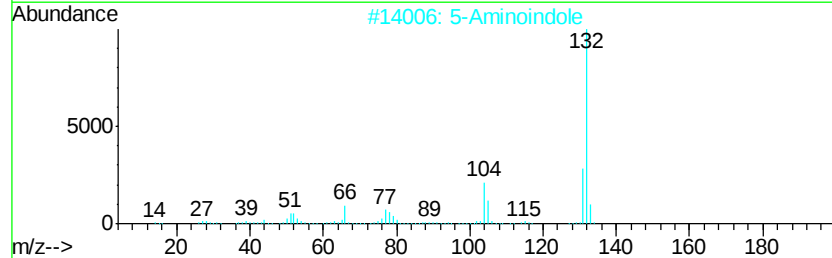
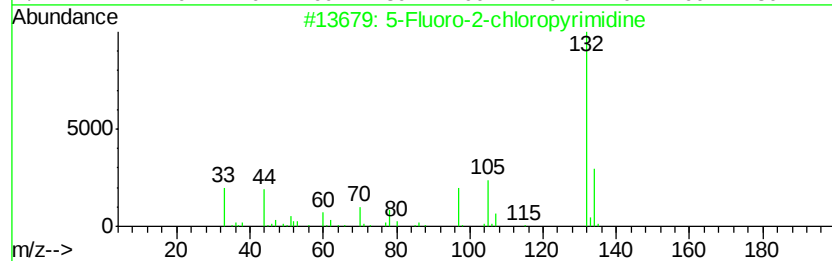
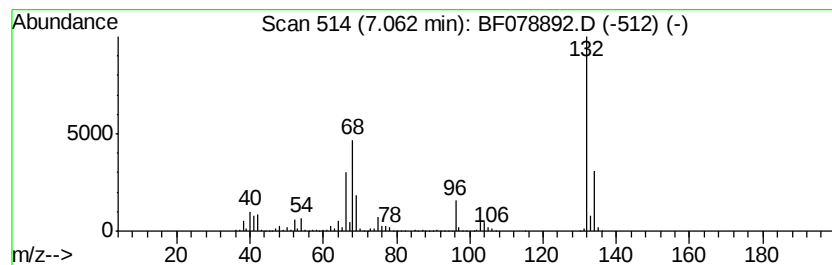
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 unknown7.06 Concentration Rank 3

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.06 | 105.35 ng | 2424140 | 1,4-Dichlorobenzene-d4 | 7.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 2    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    | Tranvlcyproline-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 9    |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\  
Data File : BF078892.D  
Acq On : 1 May 2015 15:00  
Operator : TP/IZ  
Sample : G2044-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-61D

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

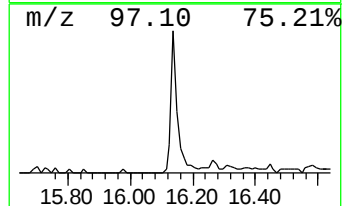
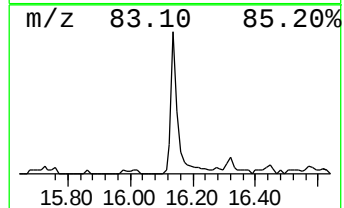
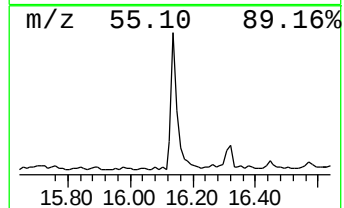
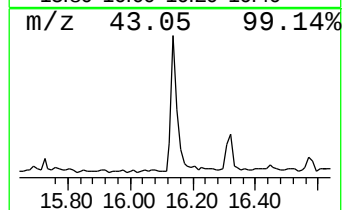
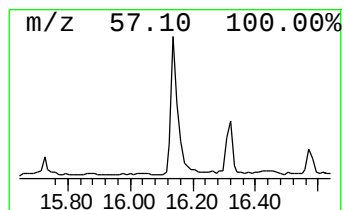
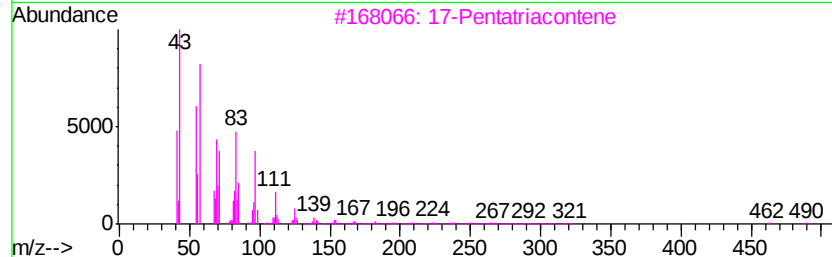
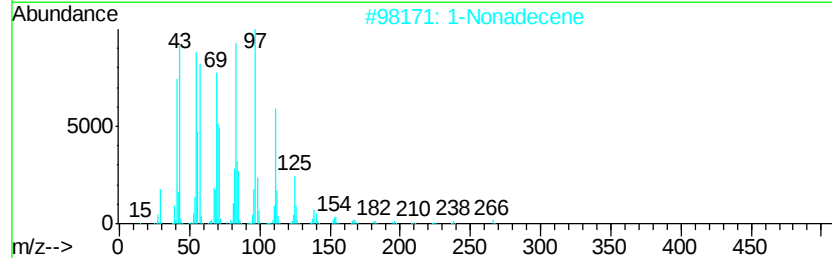
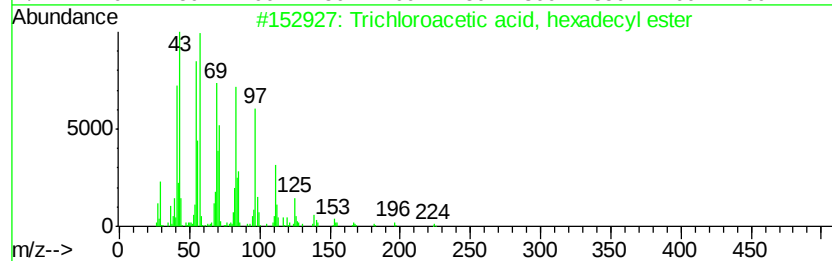
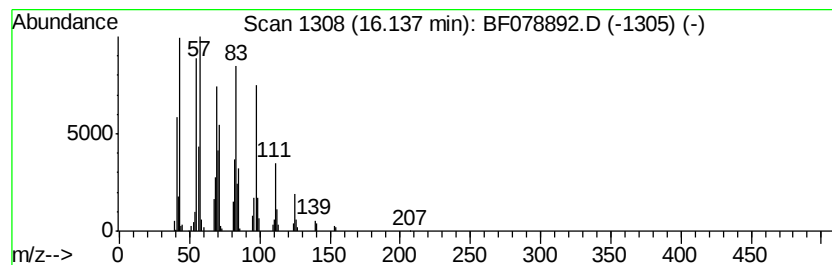
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Trichloroacetic acid, hexad... Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.14 | 6.14 ng | 254352 | Chrysene-d12     | 16.27 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|---------|---|-------------------------------------|-----|-------------|-------------|------|
| 1       |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |
| 2       |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5 | 91   |
| 3       |   | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0 | 91   |
| 4       |   | 1-Heptadecanol                      | 256 | C17H36O     | 001454-85-9 | 90   |
| 5       |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9 | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050115\  
Data File : BF078892.D  
Acq On : 1 May 2015 15:00  
Operator : TP/IZ  
Sample : G2044-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-61D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.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 |
| Propane, 2,2-dime... | 1.52  | 311.0   | ng    | 7156700  | 1                     | 7.36  | 460209 | 20.0 |
| Butane, 2-methoxy... | 1.84  | 18.8    | ng    | 432577   | 1                     | 7.36  | 460209 | 20.0 |
| 2-Pentanone, 4-hy... | 5.16  | 20.2    | ng    | 464773   | 1                     | 7.36  | 460209 | 20.0 |
| unknown7.06          | 7.06  | 105.3   | ng    | 2424140  | 1                     | 7.36  | 460209 | 20.0 |
| Trichloroacetic a... | 16.14 | 6.1     | ng    | 254352   | 5                     | 16.27 | 828439 | 20.0 |