

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\  
 Data File : BG031557.D  
 Acq On : 14 Dec 2017 9:30  
 Operator : SJ/JU  
 Sample : I6817-13  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 120617-FOPI-F-U-B

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-BG121117.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         | 5.180       | 315           | 322         | 331          | rBV      | 40629          | 67351         | 1.12%           | 0.327%        |
| 2         | 5.668       | 399           | 405         | 419          | rBV      | 203843         | 390054        | 6.51%           | 1.896%        |
| 3         | 7.278       | 673           | 679         | 698          | rBV      | 122445         | 264348        | 4.41%           | 1.285%        |
| 4         | 7.642       | 734           | 741         | 759          | rBV      | 452671         | 820161        | 13.68%          | 3.986%        |
| 5         | 8.106       | 813           | 820         | 832          | rBV      | 157330         | 280568        | 4.68%           | 1.364%        |
| 6         | 8.430       | 867           | 875         | 889          | rBV      | 647628         | 1158861       | 19.33%          | 5.632%        |
| 7         | 9.276       | 1009          | 1019        | 1031         | rBV      | 437626         | 897508        | 14.97%          | 4.362%        |
| 8         | 10.921      | 1293          | 1299        | 1320         | rBV      | 181126         | 421219        | 7.03%           | 2.047%        |
| 9         | 13.353      | 1706          | 1713        | 1726         | rBV      | 1785322        | 2903493       | 48.42%          | 14.110%       |
| 10        | 14.728      | 1940          | 1947        | 1965         | rVB2     | 435274         | 793878        | 13.24%          | 3.858%        |
| 11        | 16.215      | 2194          | 2200        | 2219         | rBV      | 972385         | 1660259       | 27.69%          | 8.069%        |
| 12        | 17.472      | 2407          | 2414        | 2427         | rBV2     | 724434         | 1203865       | 20.08%          | 5.851%        |
| 13        | 20.063      | 2849          | 2855        | 2871         | rBV      | 4282021        | 5995867       | 100.00%         | 29.139%       |
| 14        | 20.797      | 2975          | 2980        | 2986         | rBV      | 739453         | 830746        | 13.86%          | 4.037%        |
| 15        | 21.743      | 3134          | 3141        | 3154         | rBV2     | 838676         | 1488163       | 24.82%          | 7.232%        |
| 16        | 25.022      | 3688          | 3699        | 3717         | rBV2     | 451378         | 1400517       | 23.36%          | 6.806%        |

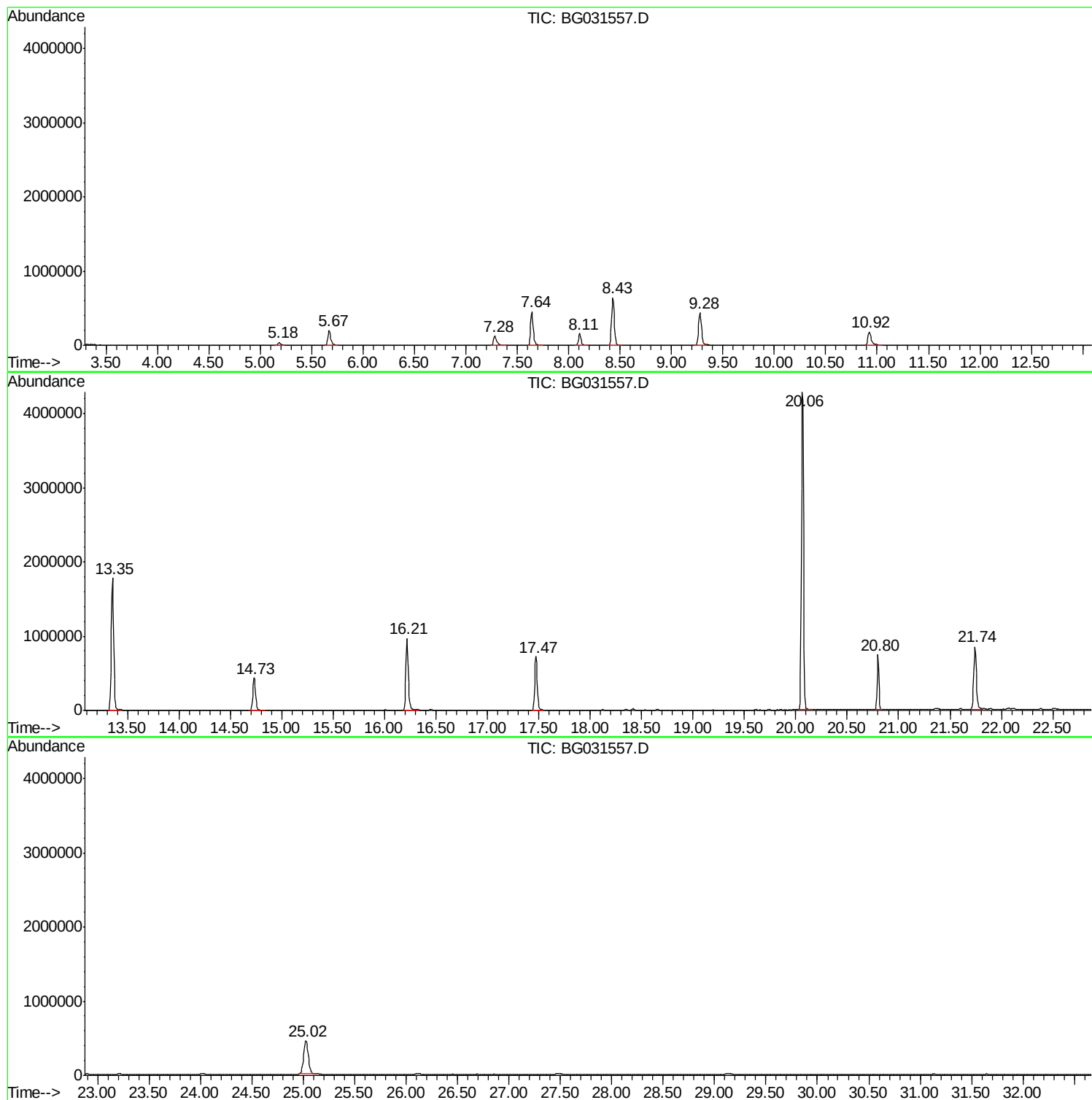
Sum of corrected areas: 20576858

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\  
Data File : BG031557.D  
Acq On : 14 Dec 2017 9:30  
Operator : SJ/JU  
Sample : I6817-13  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
120617-FOPI-F-U-B

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\  
Data File : BG031557.D  
Acq On : 14 Dec 2017 9:30  
Operator : SJ/JU  
Sample : I6817-13  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
120617-FOPI-F-U-B

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

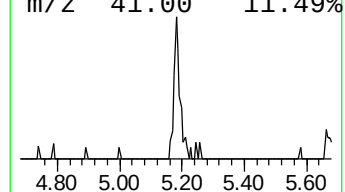
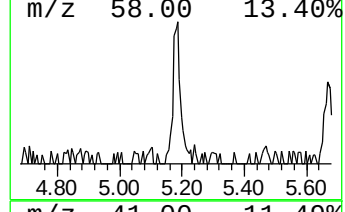
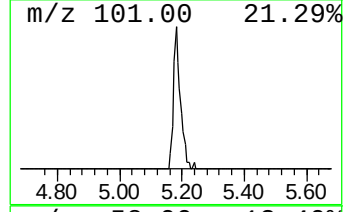
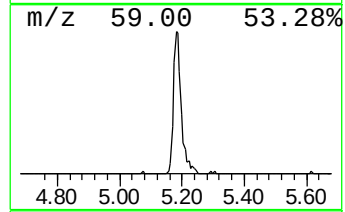
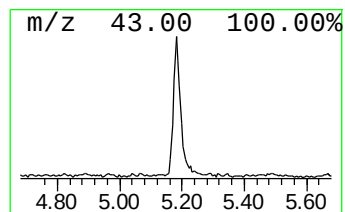
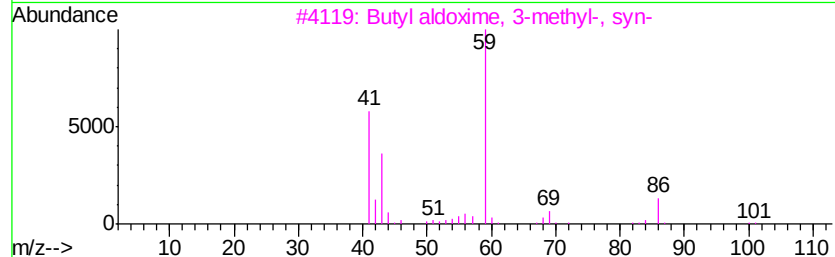
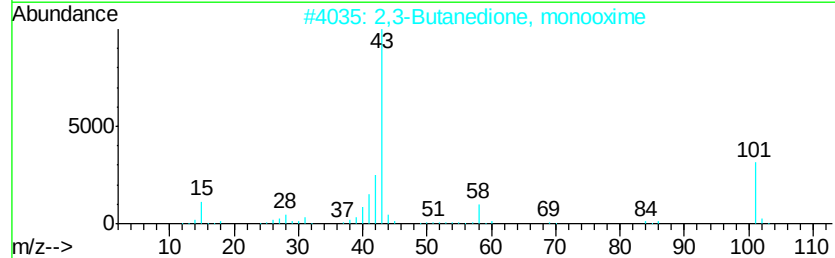
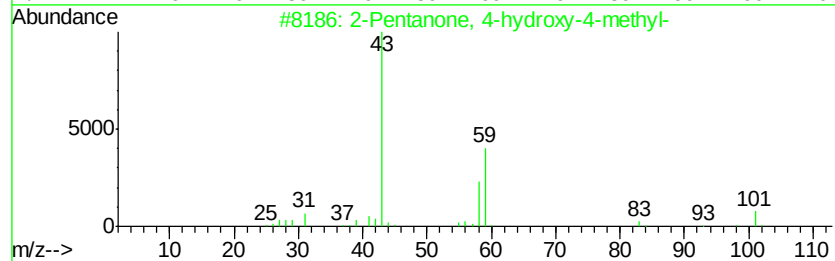
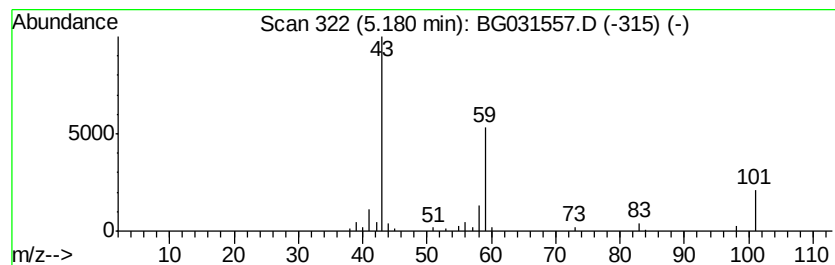
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.18 | 4.80 ng | 67351 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56   |
| 2    |    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 32   |
| 3    |    | Butyl aldoxime, 3-methyl-, syn-  | 101 | C5H11NO | 005780-40-5 | 17   |
| 4    |    | Propane, 2-ethoxy-2-methyl-      | 102 | C6H14O  | 000637-92-3 | 12   |
| 5    |    | Propylamine                      | 59  | C3H9N   | 000107-10-8 | 9    |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\  
Data File : BG031557.D  
Acq On : 14 Dec 2017 9:30  
Operator : SJ/JU  
Sample : I6817-13  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
120617-FOPI-F-U-B

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

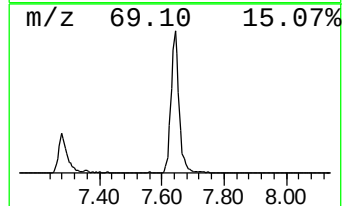
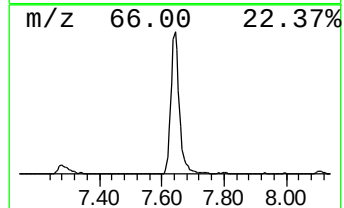
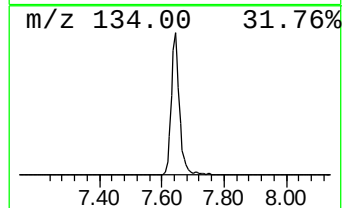
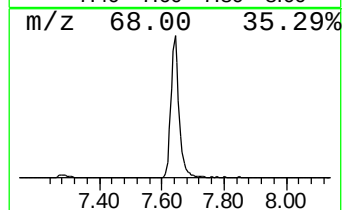
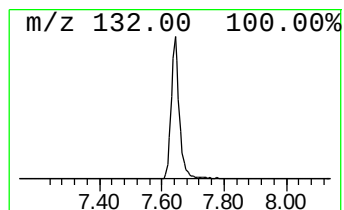
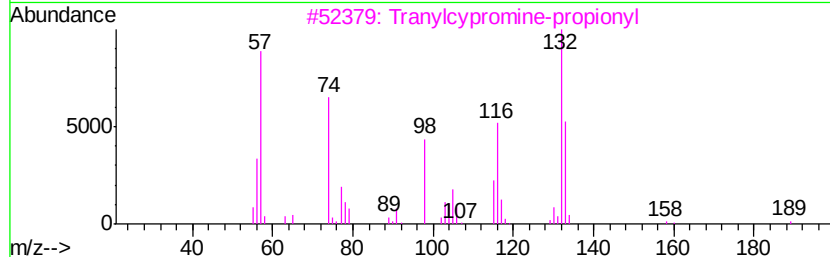
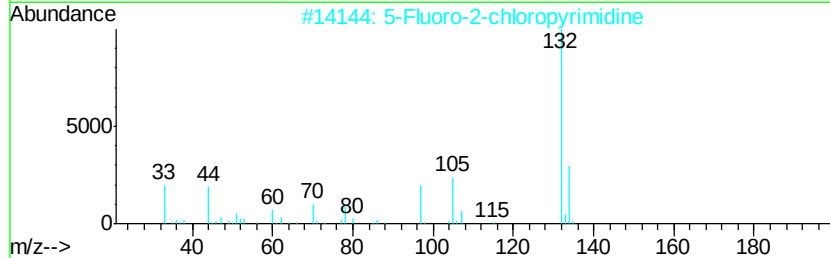
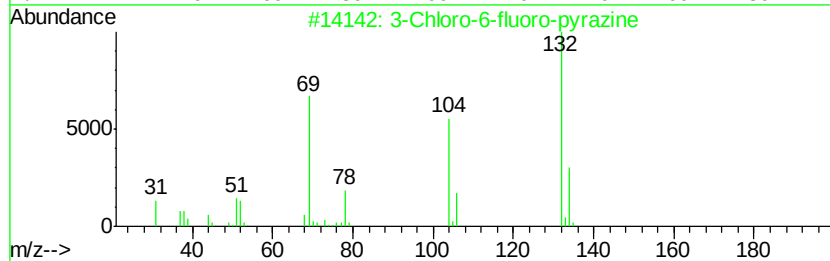
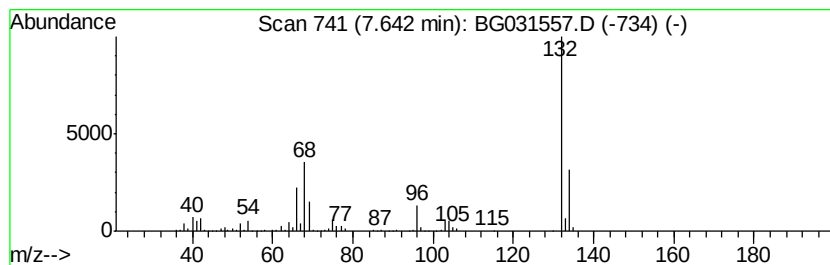
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown7.64 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.64 | 58.46 ng | 820161 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 17   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 9    |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\  
Data File : BG031557.D  
Acq On : 14 Dec 2017 9:30  
Operator : SJ/JU  
Sample : I6817-13  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
120617-FOPI-F-U-B

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

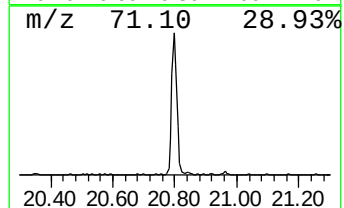
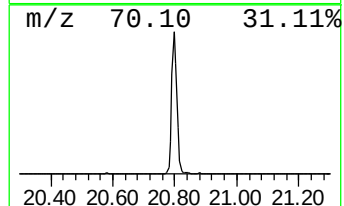
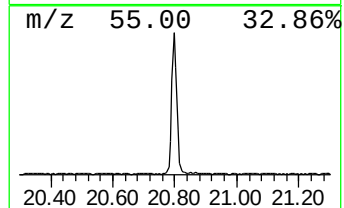
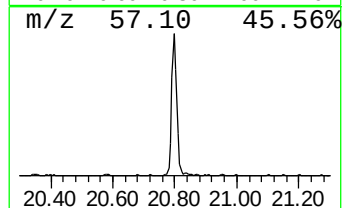
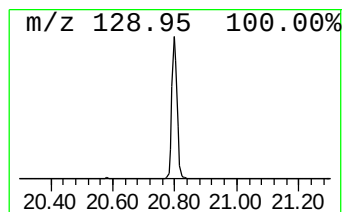
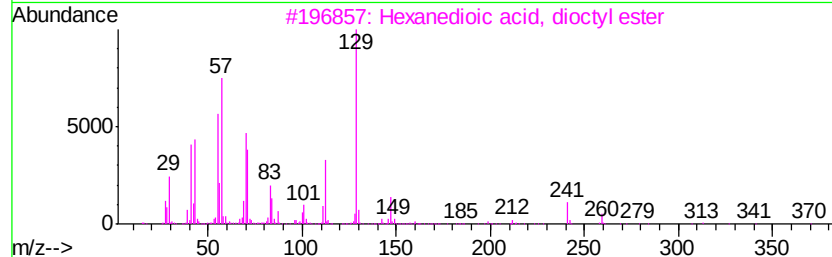
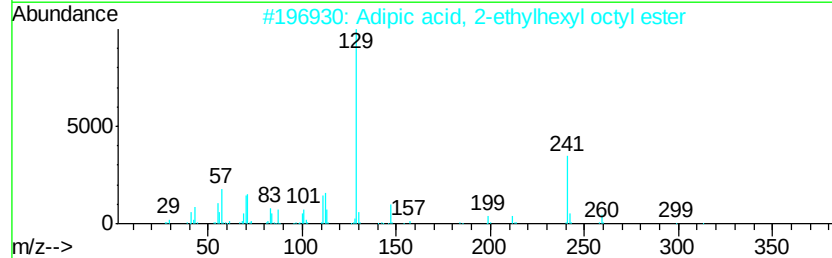
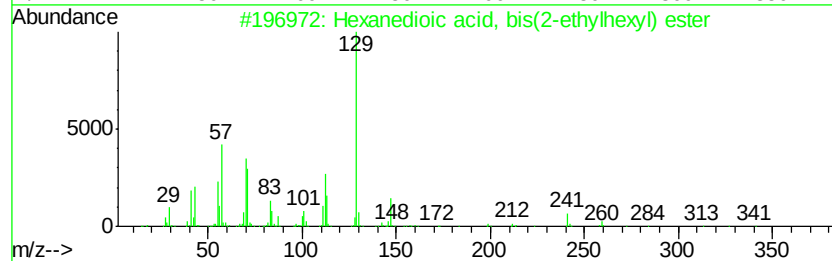
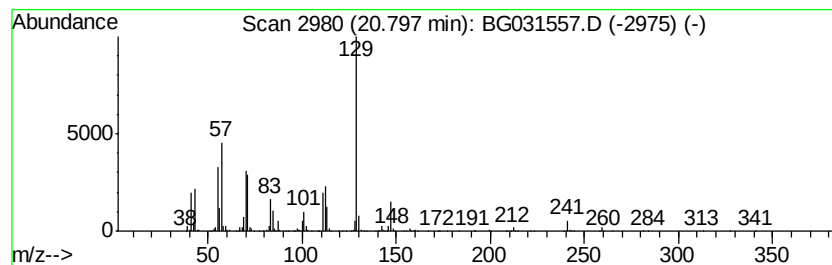
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 20.80 | 11.16 ng | 830746 | Chrysene-d12     | 21.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1  | 90   |
| 2    |    | Adipic acid, 2-ethylhexyl octyl ... | 370 | C22H42O4 | 1000324-48-6 | 83   |
| 3    |    | Hexanedioic acid, dioctyl ester     | 370 | C22H42O4 | 000123-79-5  | 83   |
| 4    |    | Diisooctyl adipate                  | 370 | C22H42O4 | 001330-86-5  | 78   |
| 5    |    | Adipic acid, 2-ethylhexyl isobut... | 314 | C18H34O4 | 1000324-48-0 | 72   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121317\  
Data File : BG031557.D  
Acq On : 14 Dec 2017 9:30  
Operator : SJ/JU  
Sample : I6817-13  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
120617-FOPI-F-U-B

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG121117.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.18  | 4.8     | ng    | 67351    | 1                     | 8.11  | 280568  | 20.0 |
| unknown7.64          | 7.64  | 58.5    | ng    | 820161   | 1                     | 8.11  | 280568  | 20.0 |
| Hexanedioic acid,... | 20.80 | 11.2    | ng    | 830746   | 5                     | 21.74 | 1488160 | 20.0 |