

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF090917\  
 Data File : BF098382.D  
 Acq On : 9 Sep 2017 13:33  
 Operator : SJ/JU  
 Sample : I5178-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-COMP-0-1

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\_F\METHODS\8270-BF081517.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         | 4.851       | 467           | 470         | 484          | rBV      | 113270         | 153661        | 7.82%           | 0.873%        |
| 2         | 5.287       | 540           | 544         | 561          | rBV      | 1794593        | 1744274       | 88.80%          | 9.911%        |
| 3         | 6.328       | 716           | 721         | 737          | rBV      | 1879957        | 1964262       | 100.00%         | 11.161%       |
| 4         | 6.446       | 737           | 741         | 745          | rBV      | 1863573        | 1762693       | 89.74%          | 10.015%       |
| 5         | 6.675       | 776           | 780         | 788          | rVB      | 806718         | 657595        | 33.48%          | 3.736%        |
| 6         | 6.828       | 802           | 806         | 810          | rBV      | 1430066        | 1296429       | 66.00%          | 7.366%        |
| 7         | 7.240       | 872           | 876         | 880          | rBV      | 1141324        | 1127671       | 57.41%          | 6.407%        |
| 8         | 7.957       | 994           | 998         | 1001         | rBV      | 1036541        | 852867        | 43.42%          | 4.846%        |
| 9         | 9.034       | 1175          | 1181        | 1184         | rBV      | 1947926        | 1733523       | 88.25%          | 9.850%        |
| 10        | 9.428       | 1243          | 1248        | 1251         | rBV      | 155536         | 116897        | 5.95%           | 0.664%        |
| 11        | 9.704       | 1291          | 1295        | 1299         | rBV      | 999249         | 876056        | 44.60%          | 4.978%        |
| 12        | 10.492      | 1425          | 1429        | 1439         | rBV      | 1006767        | 999610        | 50.89%          | 5.680%        |
| 13        | 11.186      | 1543          | 1547        | 1550         | rBV      | 965660         | 801704        | 40.81%          | 4.555%        |
| 14        | 12.398      | 1749          | 1753        | 1755         | rVB      | 30974          | 30528         | 1.55%           | 0.173%        |
| 15        | 12.598      | 1782          | 1787        | 1789         | rBV      | 92949          | 85192         | 4.34%           | 0.484%        |
| 16        | 12.622      | 1789          | 1791        | 1794         | rVV      | 31843          | 28832         | 1.47%           | 0.164%        |
| 17        | 12.675      | 1797          | 1800        | 1804         | rVB2     | 45105          | 40167         | 2.04%           | 0.228%        |
| 18        | 12.769      | 1812          | 1816        | 1820         | rBV      | 1352447        | 1235330       | 62.89%          | 7.019%        |
| 19        | 13.257      | 1893          | 1899        | 1904         | rBV      | 585447         | 583431        | 29.70%          | 3.315%        |
| 20        | 13.304      | 1904          | 1907        | 1909         | rVV      | 42389          | 39389         | 2.01%           | 0.224%        |
| 21        | 13.333      | 1909          | 1912        | 1917         | rVV4     | 24071          | 29689         | 1.51%           | 0.169%        |
| 22        | 13.669      | 1966          | 1969        | 1975         | rBV      | 99599          | 114678        | 5.84%           | 0.652%        |
| 23        | 13.821      | 1990          | 1995        | 1998         | rBV      | 691213         | 655724        | 33.38%          | 3.726%        |
| 24        | 14.569      | 2120          | 2122        | 2124         | rBV      | 55893          | 51823         | 2.64%           | 0.294%        |
| 25        | 15.227      | 2229          | 2234        | 2242         | rVB      | 484511         | 617800        | 31.45%          | 3.510%        |

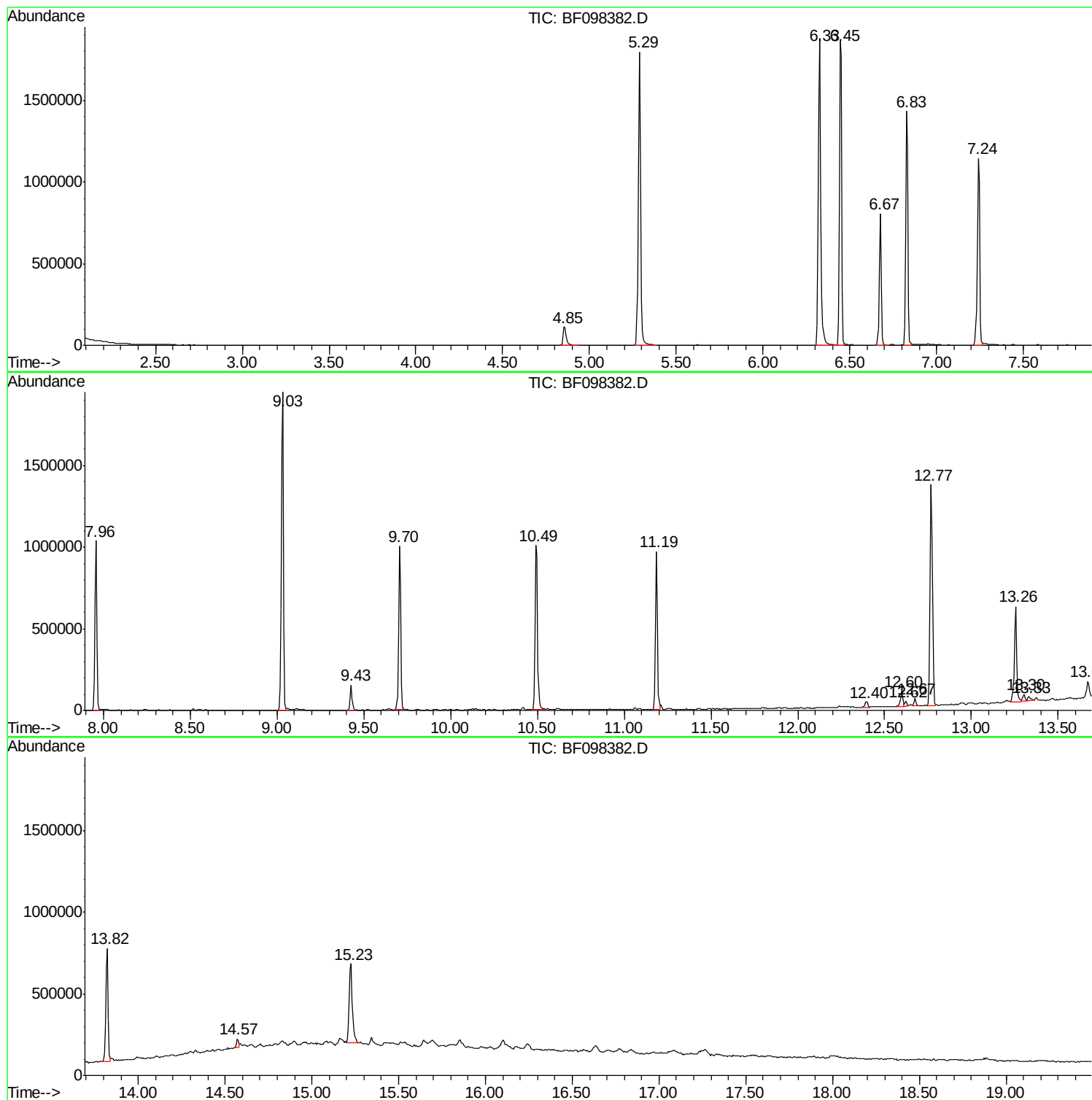
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-COMP-0-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.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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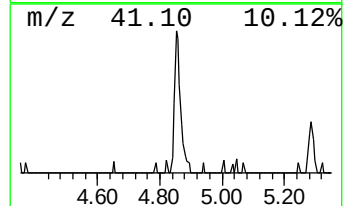
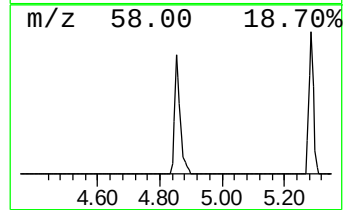
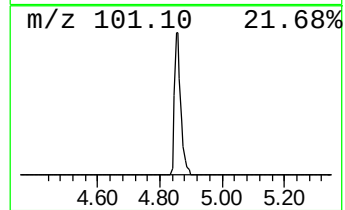
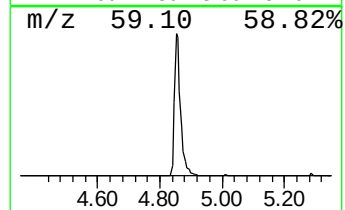
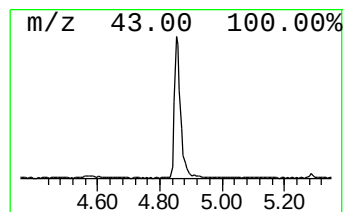
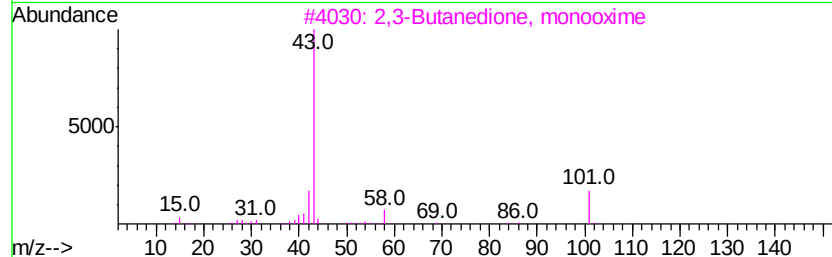
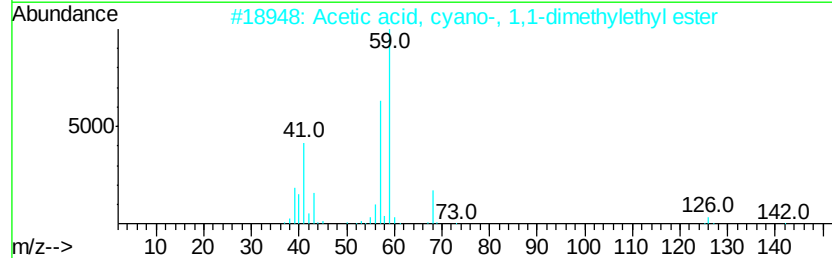
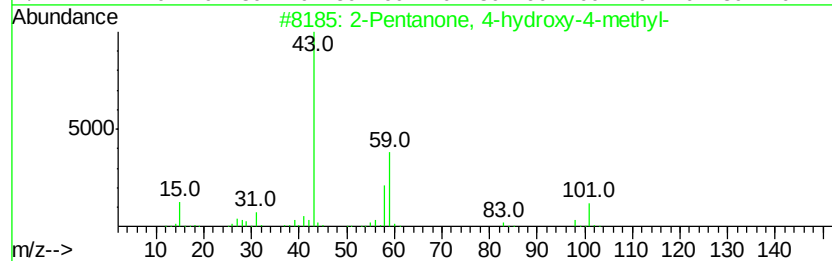
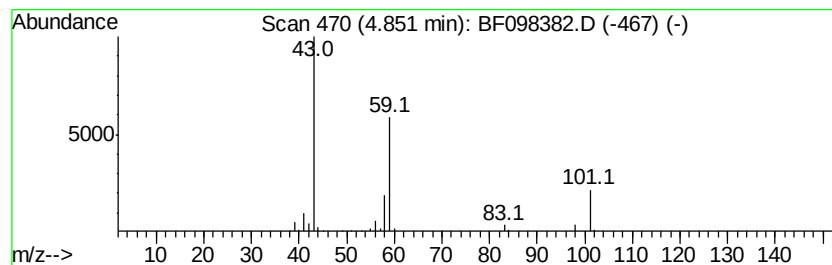
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.85 | 4.67 ng | 153661 | 1,4-Dichlorobenzene-d4 | 6.67 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 3    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 9    |
| 4    |    |   | 5-Hexen-2-one                        | 98  | C6H10O   | 000109-49-9 | 9    |
| 5    |    |   | Butane, 1-ethoxy-                    | 102 | C6H14O   | 000628-81-9 | 9    |



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TEC-COMP-0-1

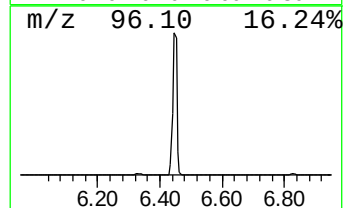
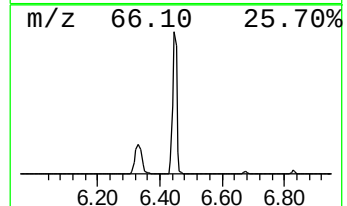
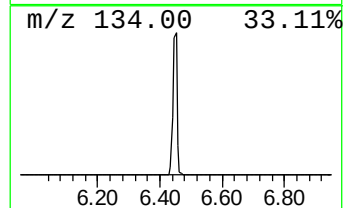
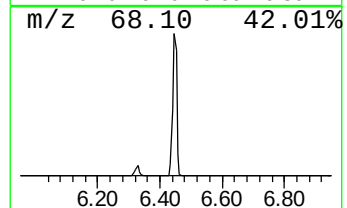
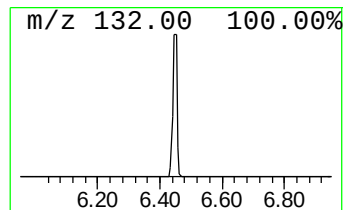
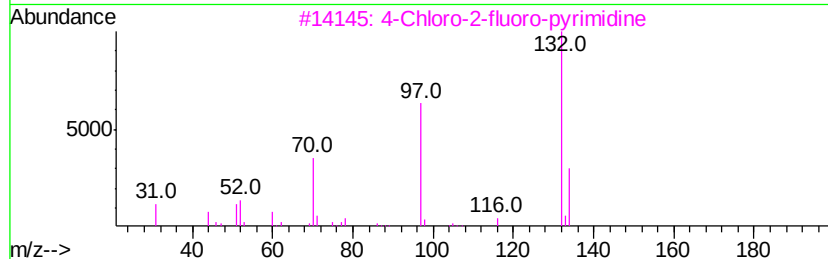
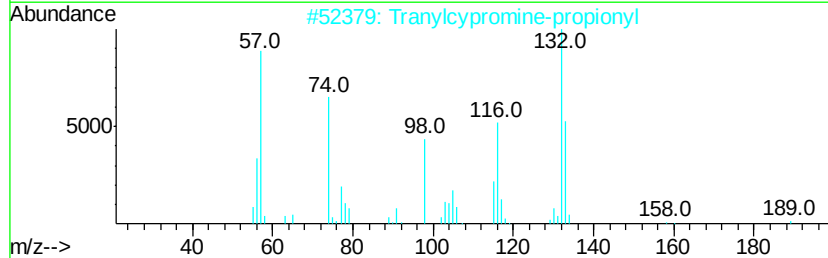
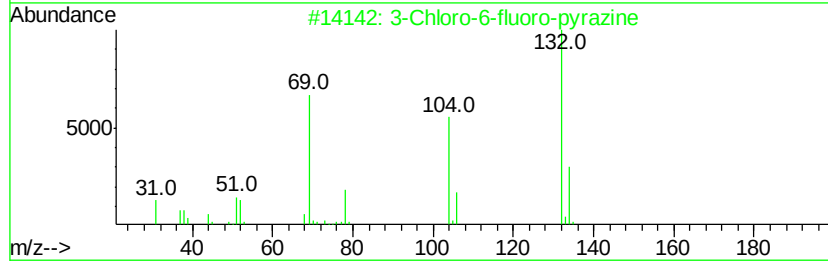
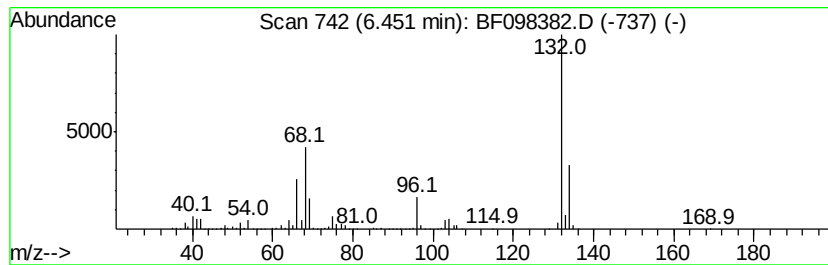
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.45 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.45 | 53.61 ng | 1762690 | 1,4-Dichlorobenzene-d4 | 6.67 |

| Hit# | of | Tentative ID                   | MW  | MolForm   | CAS#         | Qual |
|------|----|--------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine     | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | Tranylcypromine-propionyl      | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | 4-Chloro-2-fluoro-pyrimidine   | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 4    |    | 4-Chloro-6-fluoro-pyrimidine   | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 5    |    | 1-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2    | 064608-59-9  | 9    |



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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :  
TEC-COMP-0-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
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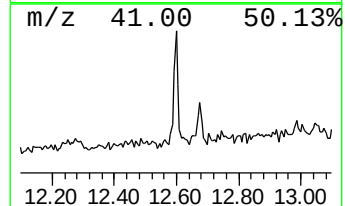
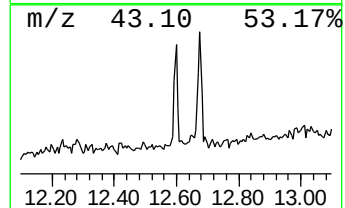
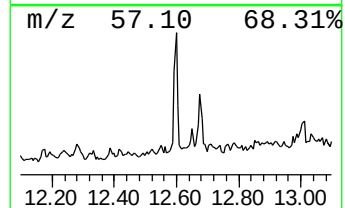
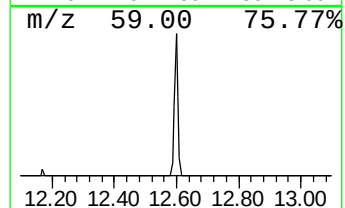
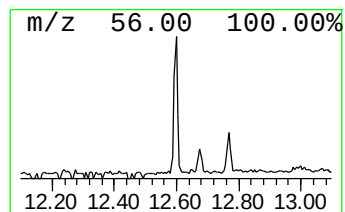
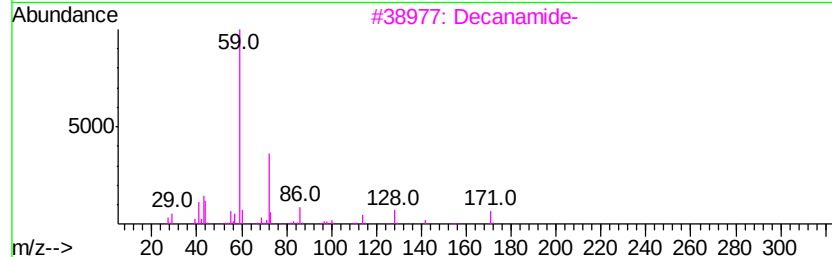
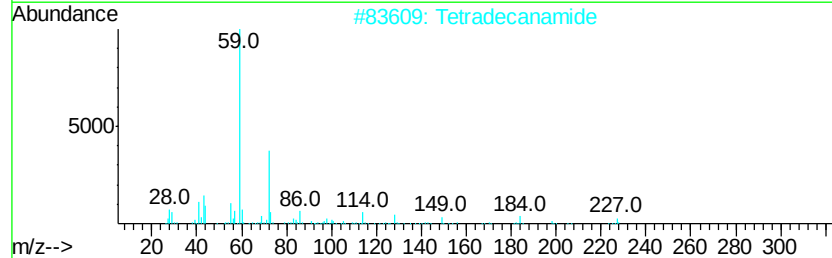
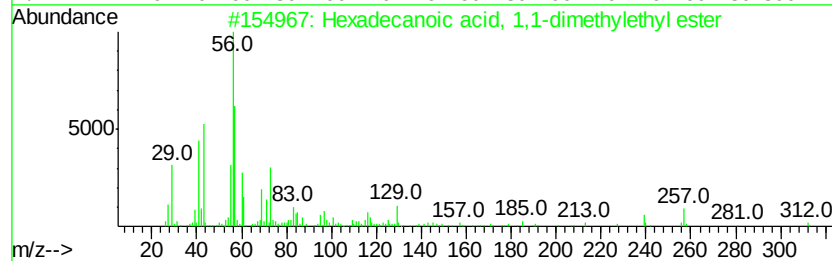
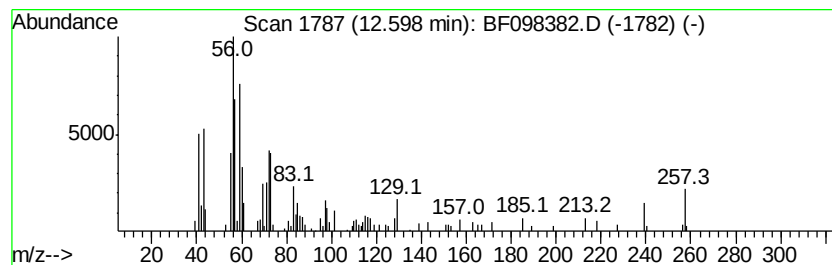
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown12.60 Concentration Rank 6

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 12.60 | 2.60 ng | 85192 | Chrysene-d12     | 13.82 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, 1,1-dimethyle... | 312 | C20H40O2 | 031158-91-5 | 38   |
| 2    |    | Tetradecanamide                     | 227 | C14H29NO | 000638-58-4 | 38   |
| 3    |    | Decanamide-                         | 171 | C10H21NO | 002319-29-1 | 35   |
| 4    |    | Hexadecanoic acid, 2-methylpropy... | 312 | C20H40O2 | 000110-34-9 | 27   |
| 5    |    | trans-2-Aminocyclohexanol           | 115 | C6H13NO  | 006982-39-4 | 25   |



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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
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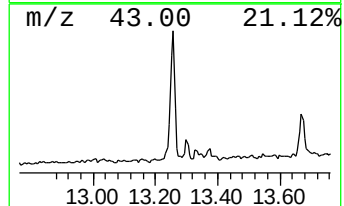
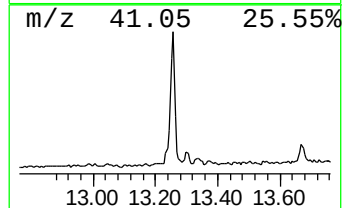
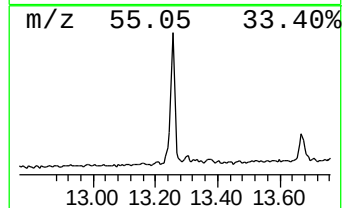
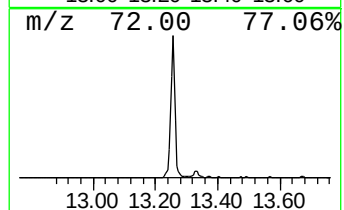
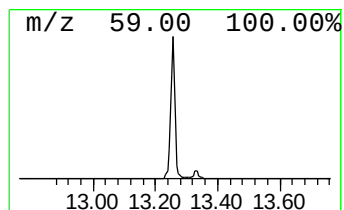
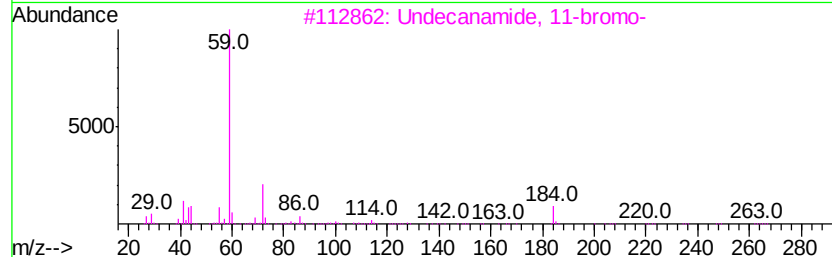
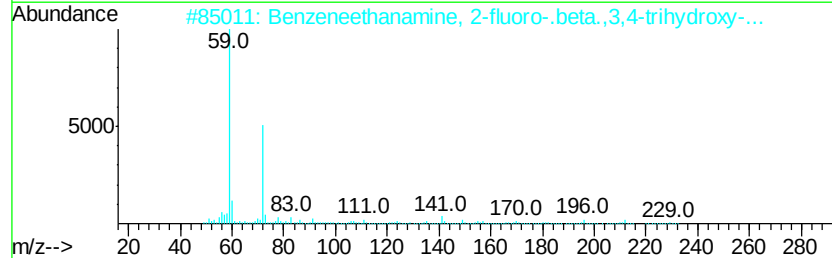
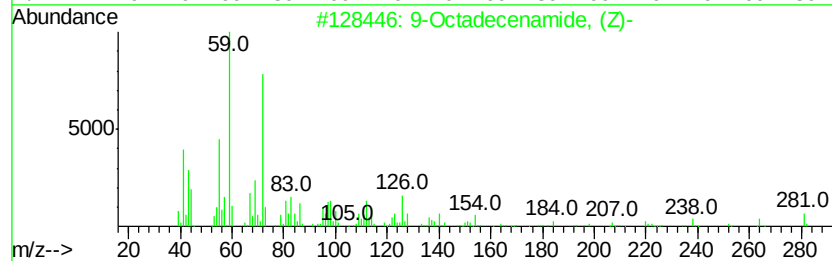
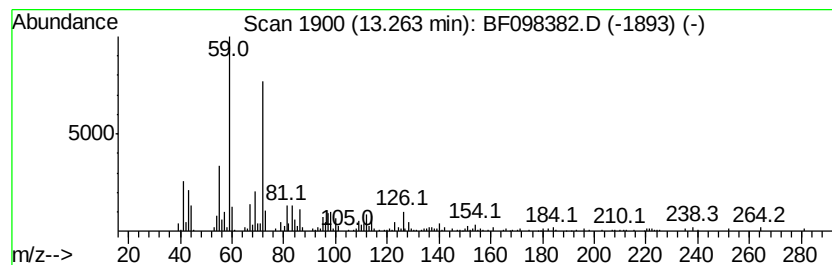
TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 13.26 | 17.80 ng | 583431 | Chrysene-d12     | 13.82 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | 9-Octadecenamide, (Z)-              | 281 | C18H35NO   | 000301-02-0 | 92   |
| 2       |   | Benzeneethanamine, 2-fluoro-.bet... | 229 | C11H16FN03 | 061338-98-5 | 56   |
| 3       |   | Undecanamide, 11-bromo-             | 263 | C11H22BrNO | 005875-26-3 | 47   |
| 4       |   | Hexadecanamide                      | 255 | C16H33NO   | 000629-54-9 | 45   |
| 5       |   | Dodecanamide                        | 199 | C12H25NO   | 001120-16-7 | 38   |



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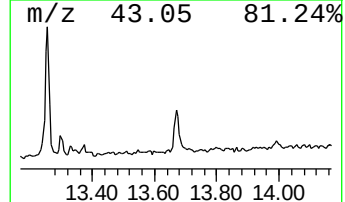
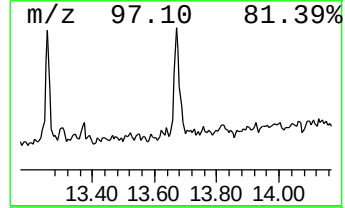
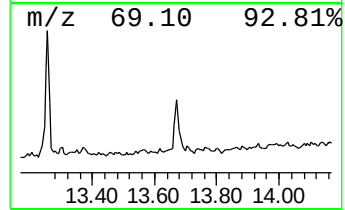
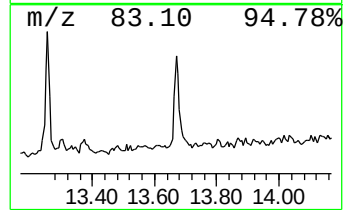
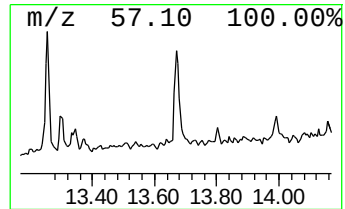
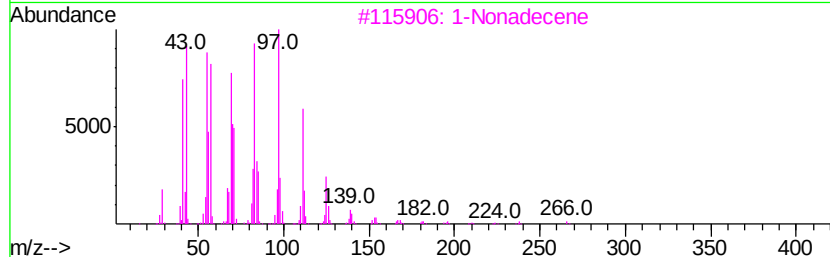
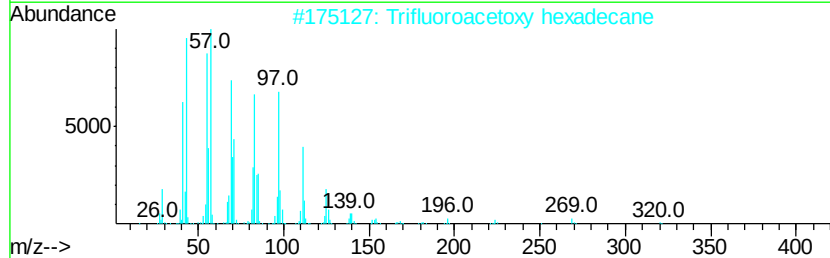
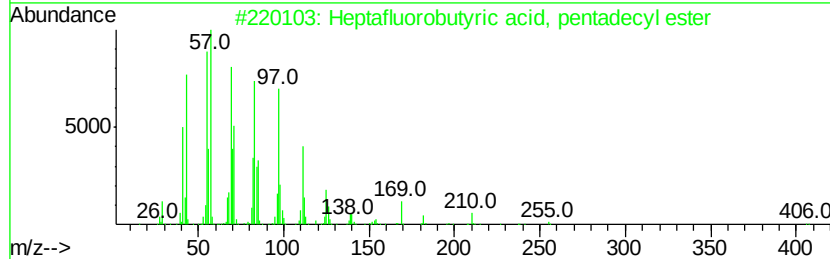
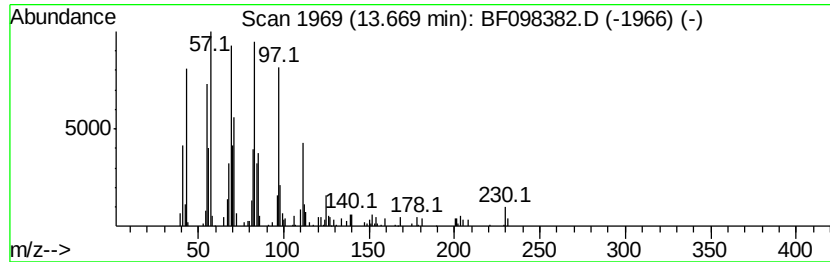
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.67 | 3.50 ng | 114678 | Chrysene-d12     | 13.82 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91   |
| 2       |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 91   |
| 3       |   | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5 | 90   |
| 4       |   | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 90   |
| 5       |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 90   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF090917\  
Data File : BF098382.D  
Acq On : 9 Sep 2017 13:33  
Operator : SJ/JU  
Sample : I5178-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-COMP-0-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.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... | 4.85  | 4.7     | ng    | 153661   | 1                     | 6.67  | 657595 | 20.0 |
| unknown6.45          | 6.45  | 53.6    | ng    | 1762690  | 1                     | 6.67  | 657595 | 20.0 |
| unknown12.60         | 12.60 | 2.6     | ng    | 85192    | 5                     | 13.82 | 655724 | 20.0 |
| 9-Octadecenamide,... | 13.26 | 17.8    | ng    | 583431   | 5                     | 13.82 | 655724 | 20.0 |
| Heptafluorobutyri... | 13.67 | 3.5     | ng    | 114678   | 5                     | 13.82 | 655724 | 20.0 |