

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\  
 Data File : BF097987.D  
 Acq On : 23 Aug 2017 7:29  
 Operator : SJ/JU  
 Sample : I4901-03  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-BE1-3-12-COMP

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         | 4.945       | 483           | 486         | 497          | rVB      | 215900         | 268865        | 10.27%          | 1.111%        |
| 2         | 5.363       | 551           | 557         | 560          | rBV      | 2299163        | 2433562       | 92.94%          | 10.059%       |
| 3         | 6.387       | 725           | 731         | 743          | rBV      | 2514818        | 2618433       | 100.00%         | 10.823%       |
| 4         | 6.516       | 749           | 753         | 757          | rBV      | 2389963        | 2395807       | 91.50%          | 9.902%        |
| 5         | 6.751       | 789           | 793         | 796          | rBV      | 952620         | 848318        | 32.40%          | 3.506%        |
| 6         | 6.904       | 815           | 819         | 823          | rBV      | 2223713        | 1978451       | 75.56%          | 8.177%        |
| 7         | 7.310       | 883           | 888         | 891          | rBV      | 1538858        | 1477818       | 56.44%          | 6.108%        |
| 8         | 8.033       | 1007          | 1011        | 1014         | rBV      | 1204637        | 1044995       | 39.91%          | 4.319%        |
| 9         | 9.110       | 1189          | 1194        | 1197         | rBV      | 2797626        | 2453198       | 93.69%          | 10.140%       |
| 10        | 9.498       | 1257          | 1260        | 1269         | rVB      | 254983         | 234762        | 8.97%           | 0.970%        |
| 11        | 9.786       | 1304          | 1309        | 1312         | rBV      | 1037792        | 957777        | 36.58%          | 3.959%        |
| 12        | 10.569      | 1438          | 1442        | 1454         | rBV      | 1111843        | 974211        | 37.21%          | 4.027%        |
| 13        | 10.692      | 1460          | 1463        | 1470         | rBV      | 47345          | 48035         | 1.83%           | 0.199%        |
| 14        | 11.263      | 1556          | 1560        | 1563         | rBV      | 867091         | 830462        | 31.72%          | 3.433%        |
| 15        | 11.286      | 1563          | 1564        | 1568         | rVV      | 154243         | 101743        | 3.89%           | 0.421%        |
| 16        | 11.339      | 1568          | 1573        | 1577         | rVB      | 33128          | 30787         | 1.18%           | 0.127%        |
| 17        | 11.833      | 1654          | 1657        | 1661         | rVB2     | 33789          | 30659         | 1.17%           | 0.127%        |
| 18        | 12.474      | 1762          | 1766        | 1769         | rBV      | 230673         | 193491        | 7.39%           | 0.800%        |
| 19        | 12.698      | 1798          | 1804        | 1808         | rBV      | 175819         | 193896        | 7.41%           | 0.801%        |
| 20        | 12.851      | 1826          | 1830        | 1833         | rBV      | 2012683        | 1745858       | 66.68%          | 7.216%        |
| 21        | 13.133      | 1874          | 1878        | 1881         | rBV2     | 28250          | 27683         | 1.06%           | 0.114%        |
| 22        | 13.533      | 1943          | 1946        | 1952         | rVB      | 31994          | 40174         | 1.53%           | 0.166%        |
| 23        | 13.645      | 1960          | 1965        | 1968         | rBV2     | 21189          | 30492         | 1.16%           | 0.126%        |
| 24        | 13.751      | 1979          | 1983        | 1990         | rVB2     | 157681         | 166921        | 6.37%           | 0.690%        |
| 25        | 13.898      | 2003          | 2008        | 2011         | rBV2     | 1049380        | 1205083       | 46.02%          | 4.981%        |
| 26        | 13.921      | 2011          | 2012        | 2019         | rVB      | 134328         | 100480        | 3.84%           | 0.415%        |
| 27        | 14.004      | 2023          | 2026        | 2030         | rVB4     | 33567          | 28362         | 1.08%           | 0.117%        |
| 28        | 14.286      | 2071          | 2074        | 2077         | rVB      | 32888          | 29478         | 1.13%           | 0.122%        |
| 29        | 14.674      | 2136          | 2140        | 2146         | rBV6     | 28681          | 61999         | 2.37%           | 0.256%        |
| 30        | 14.909      | 2176          | 2180        | 2184         | rBV      | 92245          | 153556        | 5.86%           | 0.635%        |
| 31        | 15.004      | 2192          | 2196        | 2202         | rVB3     | 41937          | 64268         | 2.45%           | 0.266%        |
| 32        | 15.198      | 2226          | 2229        | 2235         | rVB      | 57732          | 69957         | 2.67%           | 0.289%        |
| 33        | 15.257      | 2235          | 2239        | 2244         | rBV      | 75094          | 86873         | 3.32%           | 0.359%        |
| 34        | 15.321      | 2245          | 2250        | 2254         | rVV      | 518112         | 621618        | 23.74%          | 2.569%        |

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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-BF081517.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 35 | 15.362 | 2254 | 2257 | 2262 | rVB2 | 81727 | 103869 | 3.97% | 0.429% |
| 36 | 15.774 | 2323 | 2327 | 2333 | rBV  | 85333 | 122544 | 4.68% | 0.507% |
| 37 | 16.251 | 2403 | 2408 | 2413 | rBV  | 85190 | 154170 | 5.89% | 0.637% |
| 38 | 16.698 | 2480 | 2484 | 2493 | rVB2 | 25621 | 53525  | 2.04% | 0.221% |
| 39 | 16.815 | 2499 | 2504 | 2509 | rVB  | 52970 | 93353  | 3.57% | 0.386% |
| 40 | 17.468 | 2611 | 2615 | 2623 | rVB3 | 52848 | 118503 | 4.53% | 0.490% |

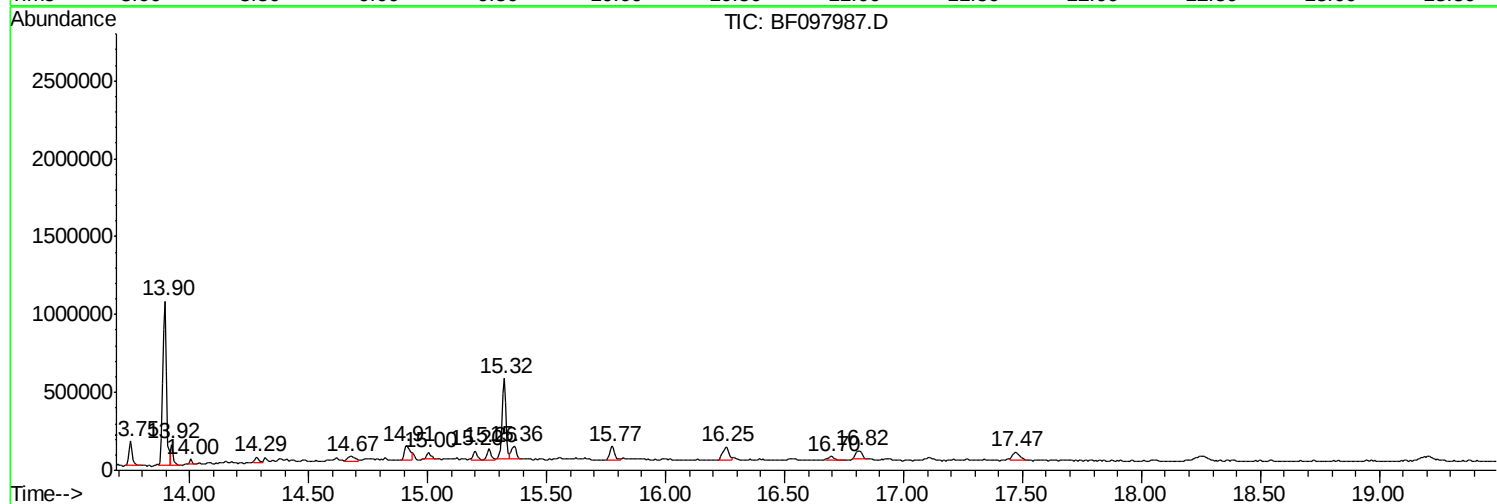
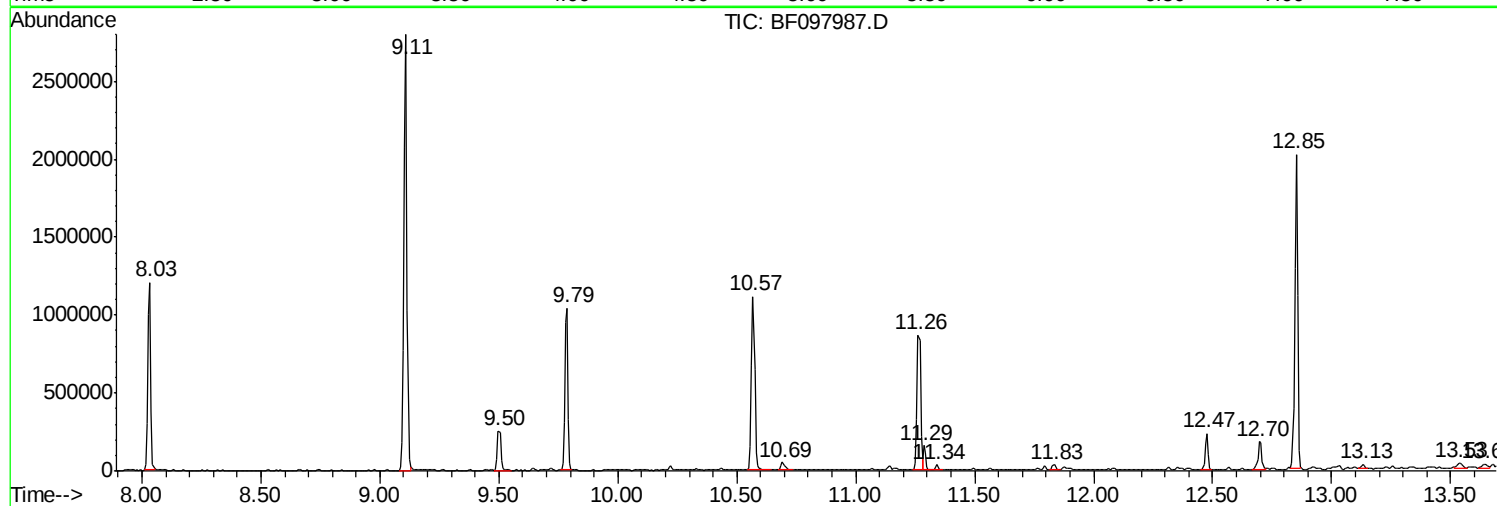
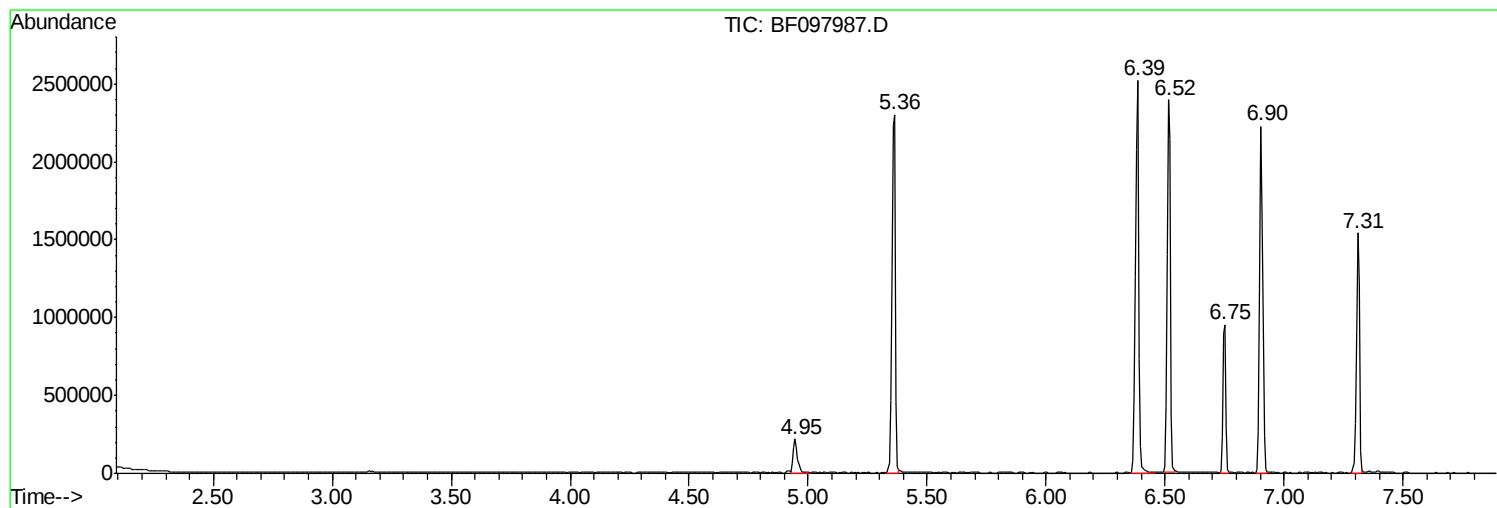
Sum of corrected areas: 24194036

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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

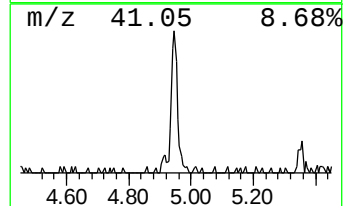
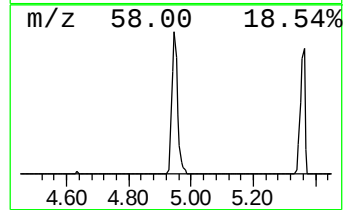
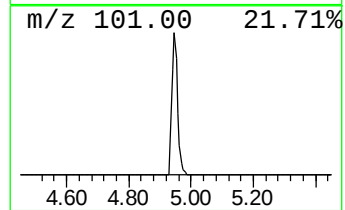
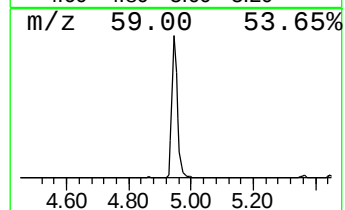
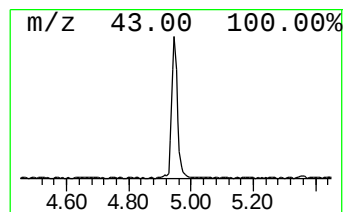
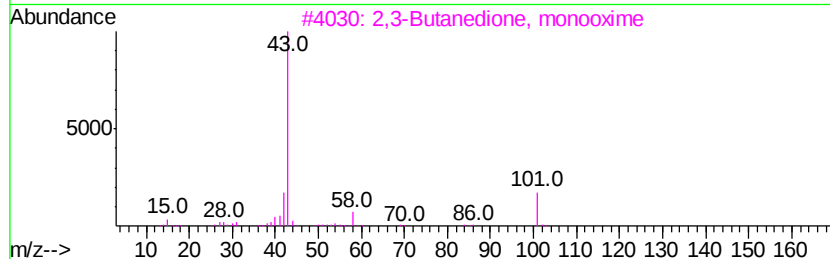
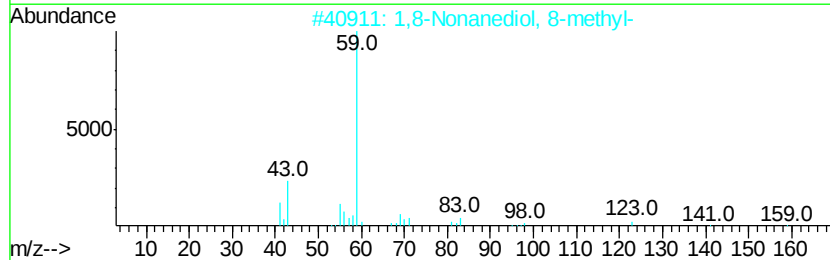
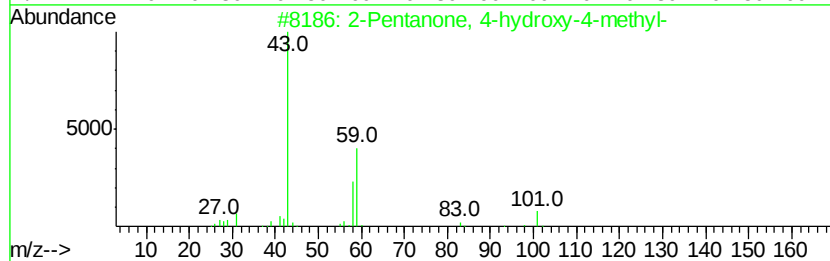
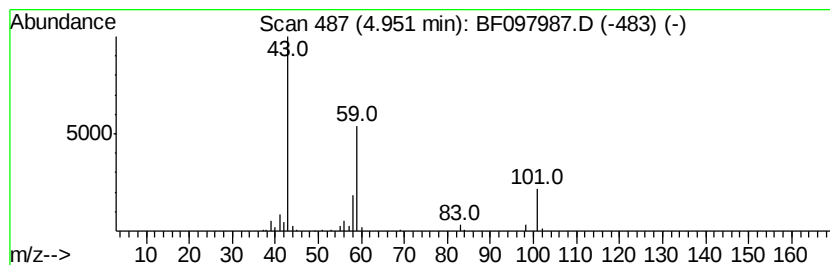
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.95 | 6.34 ng | 268865 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | 1,8-Nonanediol, 8-methyl-          | 174 | C10H22O2 | 054725-73-4 | 25   |
| 3    |    |   | 2,3-Butanedione, monooxime         | 101 | C4H7NO2  | 000057-71-6 | 25   |
| 4    |    |   | Acetic acid, cyano-, 1,1-dimethyl- | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 5    |    |   | Morpholine, 4-methyl-              | 101 | C5H11NO  | 000109-02-4 | 9    |



Data Path : U:\HPCHEM1\BNA\_F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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

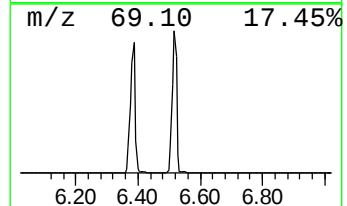
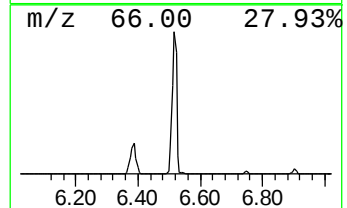
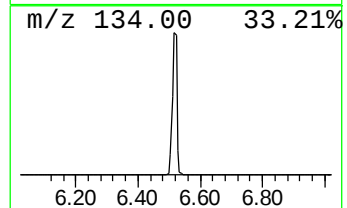
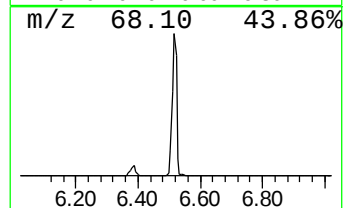
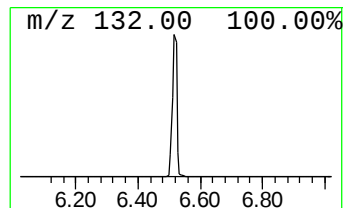
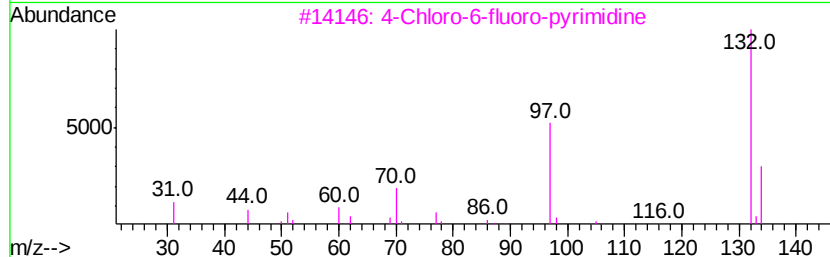
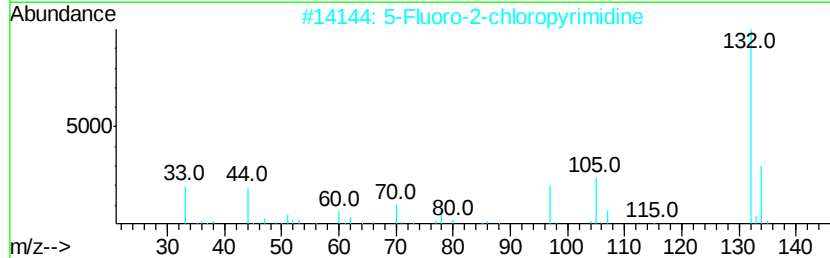
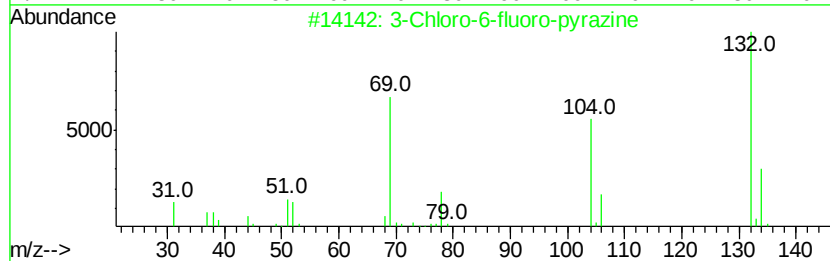
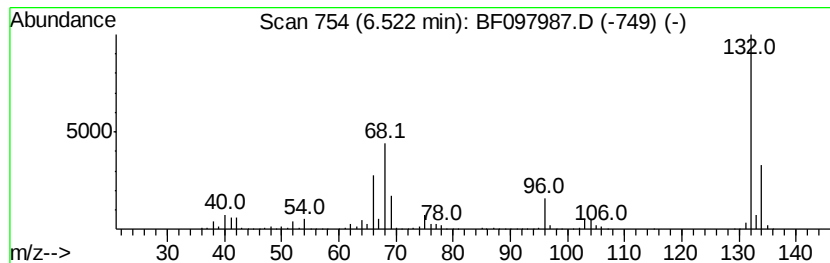
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown6.52 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.52 | 56.48 ng | 2395810 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | 4-Chloro-6-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-01-6  | 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 : U:\HPCHEM1\BNA\_F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

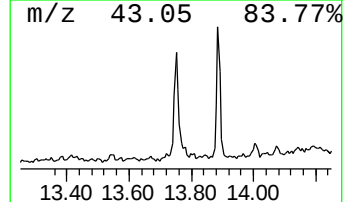
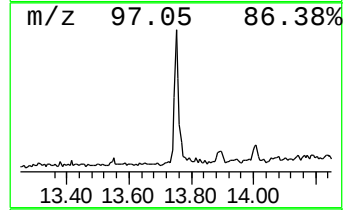
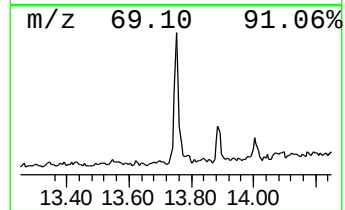
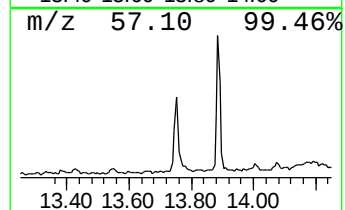
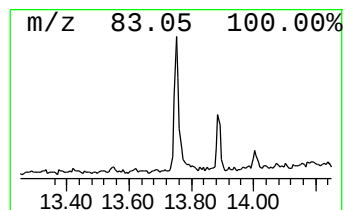
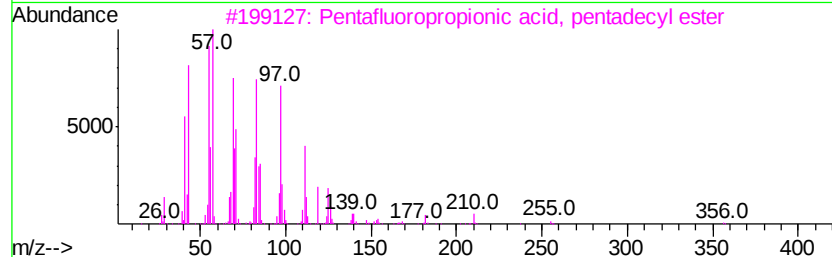
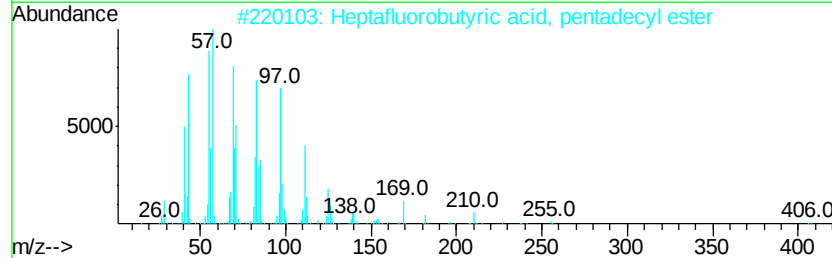
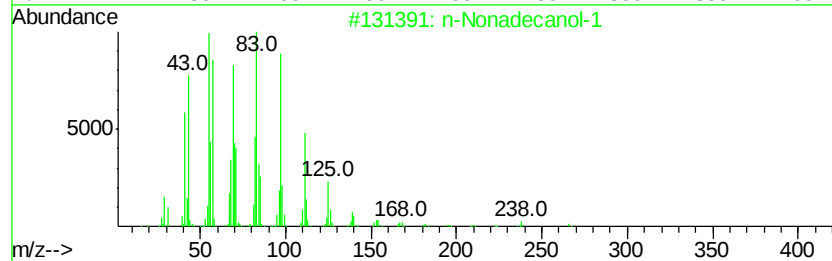
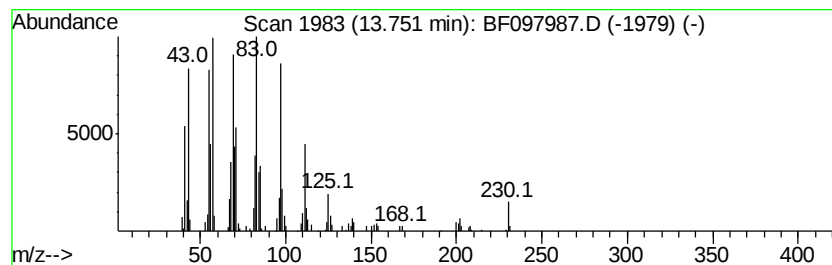
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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

\*\*\*\*\*  
Peak Number 4 n-Nonadecanol-1 Concentration Rank 8

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.       |             |      |
|---------|-------------------------------------|--------------|------------------|------------|-------------|------|
| 13.75   | 2.77 ng                             | 166921       | Chrysene-d12     | 13.90      |             |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm    | CAS#        | Qual |
| 1       | n-Nonadecanol-1                     |              | 284              | C19H40O    | 001454-84-8 | 95   |
| 2       | Heptafluorobutyric acid, pentade... |              | 424              | C19H31F7O2 | 959261-23-5 | 93   |
| 3       | Pentafluoropropionic acid, penta... |              | 374              | C18H31F5O2 | 959092-08-1 | 93   |
| 4       | Trifluoroacetic acid, pentadecyl... |              | 324              | C17H31F3O2 | 959010-23-2 | 93   |
| 5       | n-Heptadecanol-1                    |              | 256              | C17H36O    | 001454-85-9 | 91   |



Data Path : U:\HPCHEM1\BNA\_F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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

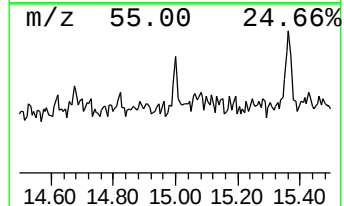
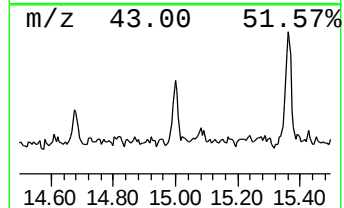
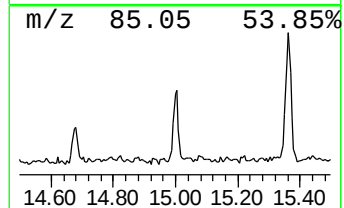
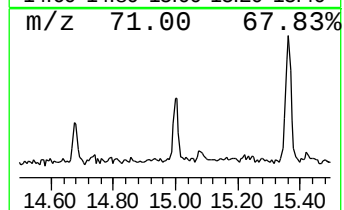
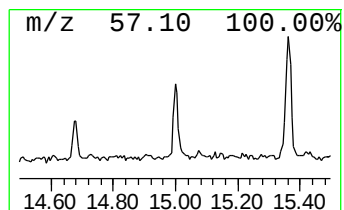
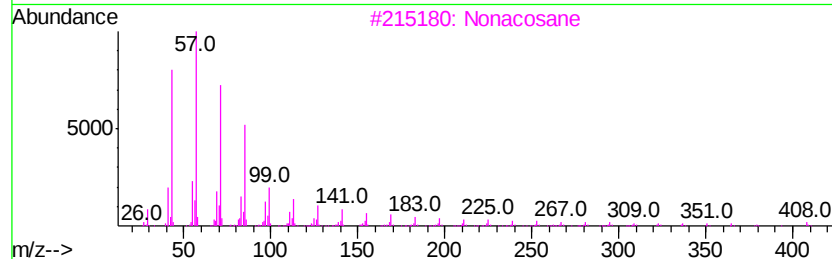
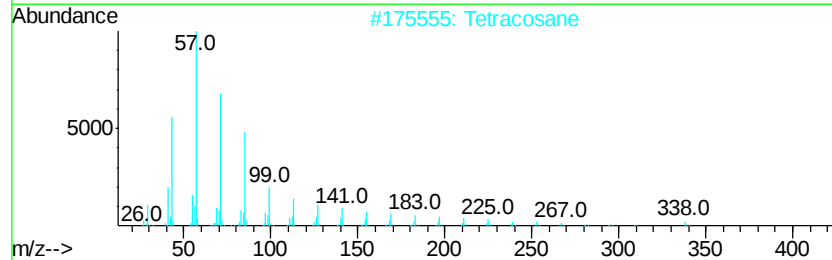
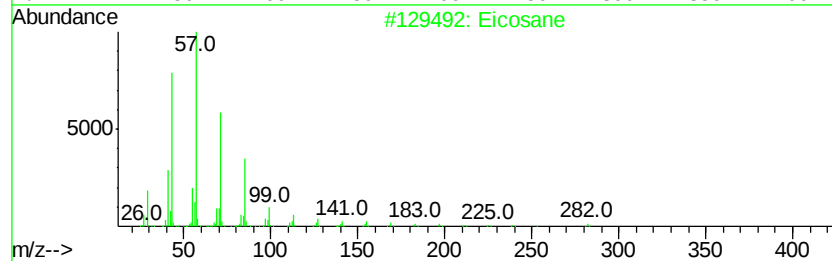
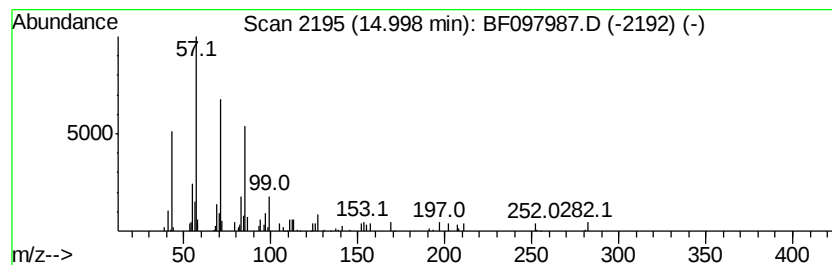
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Eicosane Concentration Rank 10

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.00 | 2.07 ng | 64268 | Perylene-d12     | 15.32 |

| Hit# of | 5              | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|----------------|--------------|-----|---------|-------------|------|
| 1       | Eicosane       |              | 282 | C20H42  | 000112-95-8 | 93   |
| 2       | Tetracosane    |              | 338 | C24H50  | 000646-31-1 | 64   |
| 3       | Nonacosane     |              | 408 | C29H60  | 000630-03-5 | 64   |
| 4       | Heptadecane    |              | 240 | C17H36  | 000629-78-7 | 58   |
| 5       | Hentriacontane |              | 437 | C31H64  | 000630-04-6 | 58   |



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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

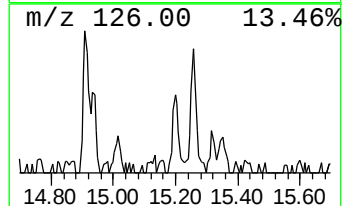
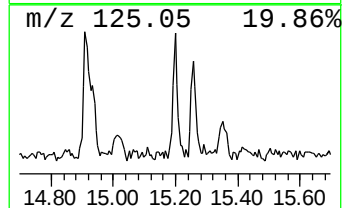
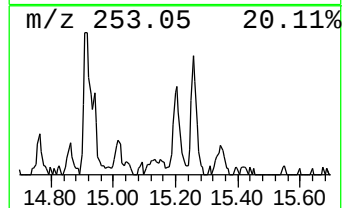
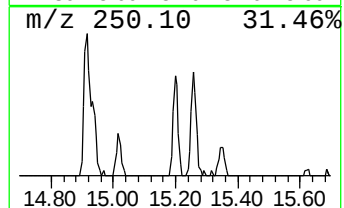
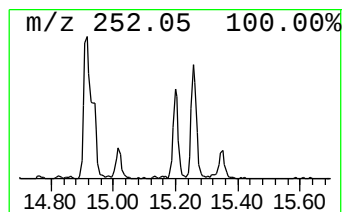
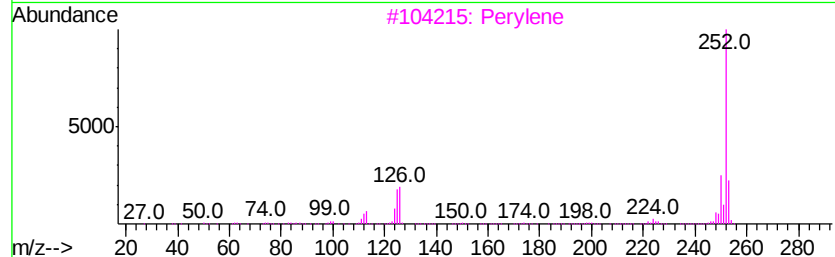
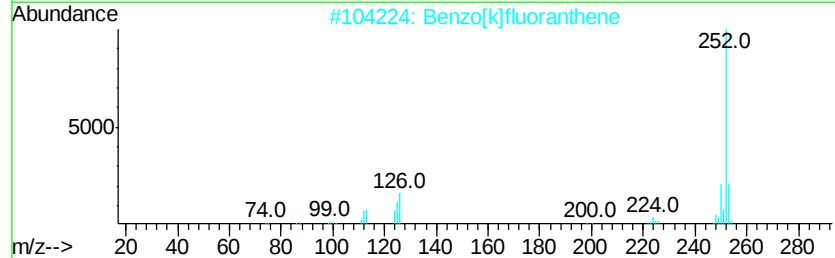
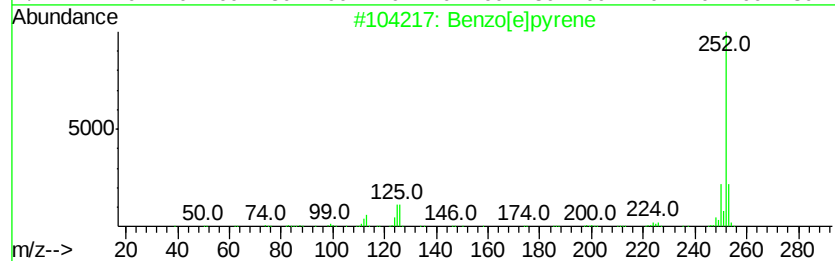
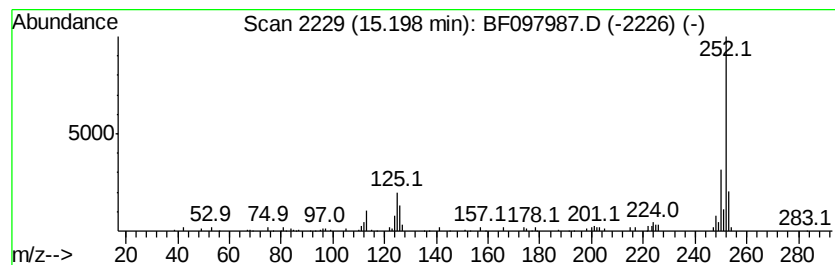
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Benzo[e]pyrene Concentration Rank 9

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.20 | 2.25 ng | 69957 | Perylene-d12     | 15.32 |

| Hit# of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|---------|---|---------------------------|-----|---------|-------------|------|
| 1       |   | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 95   |
| 2       |   | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 93   |
| 3       |   | Perylene                  | 252 | C20H12  | 000198-55-0 | 93   |
| 4       |   | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 90   |
| 5       |   | Benzo[j]fluoranthene      | 252 | C20H12  | 000205-82-3 | 81   |



Data Path : U:\HPCHEM1\BNA\_F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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

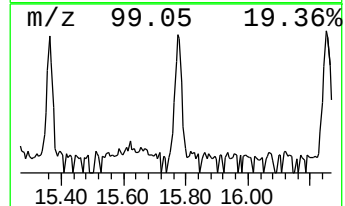
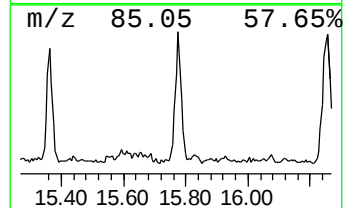
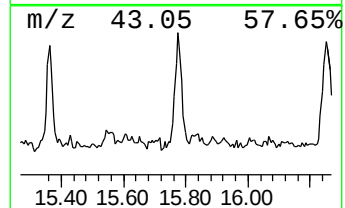
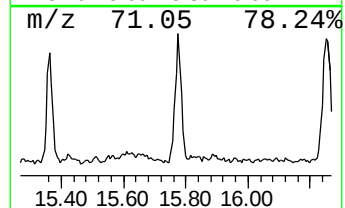
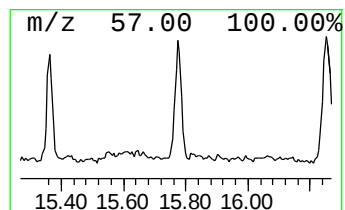
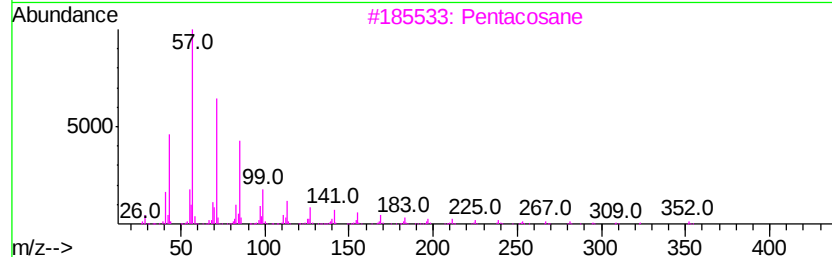
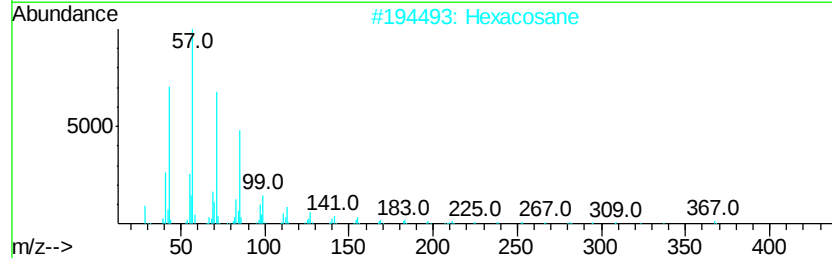
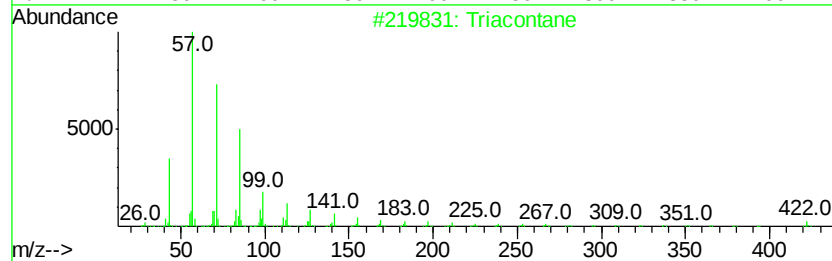
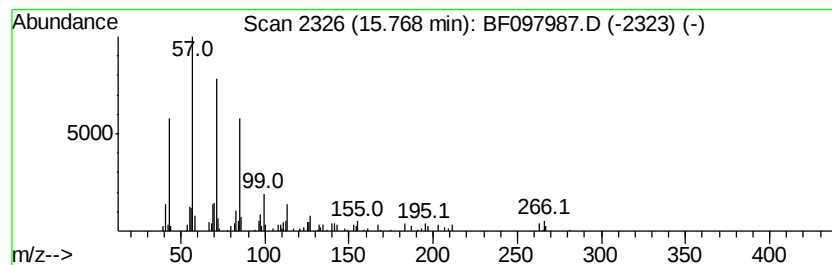
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Triacontane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.77 | 3.94 ng | 122544 | Perylene-d12     | 15.32 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Triacontane  | 422 | C30H62  | 000638-68-6 | 91   |
| 2    |    | Hexacosane   | 366 | C26H54  | 000630-01-3 | 91   |
| 3    |    | Pentacosane  | 352 | C25H52  | 000629-99-2 | 91   |
| 4    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |    | Eicosane     | 282 | C20H42  | 000112-95-8 | 90   |



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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

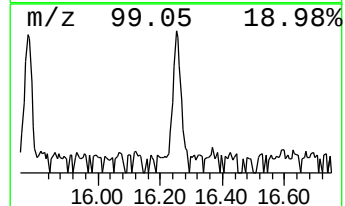
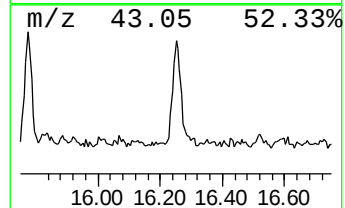
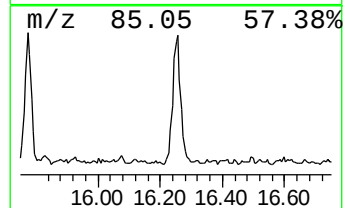
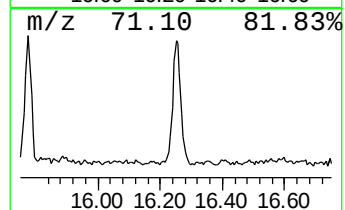
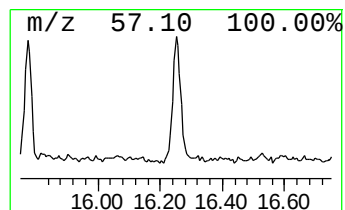
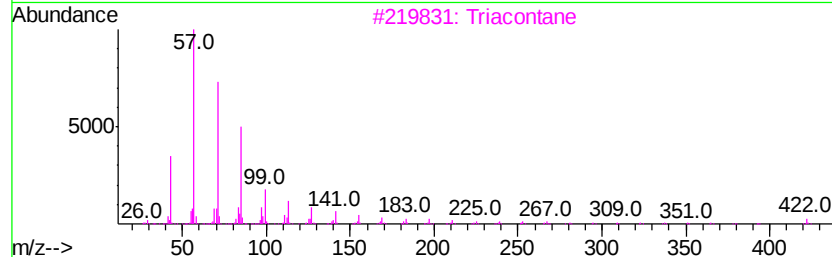
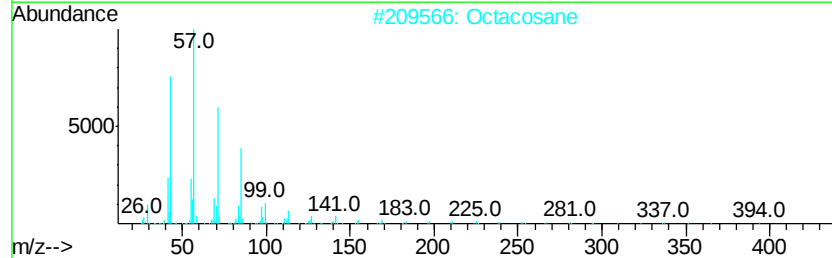
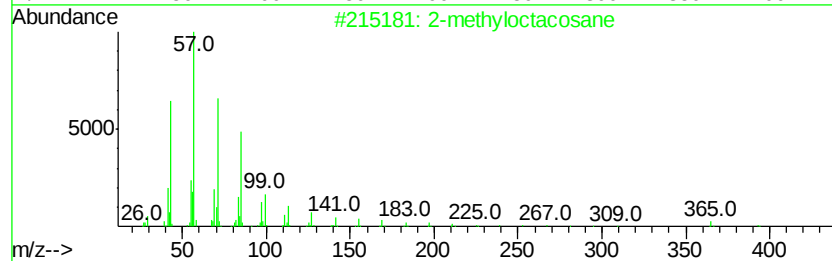
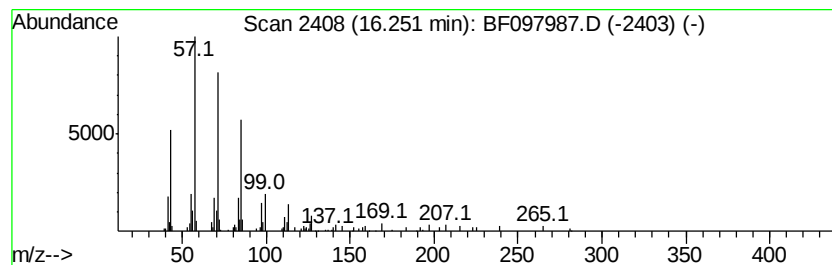
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 2-methyloctacosane Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.25 | 4.96 ng | 154170 | Perylene-d12     | 15.32 |

| Hit# of | 5                   | Tentative ID | MW  | MolForm | CAS#         | Qual |
|---------|---------------------|--------------|-----|---------|--------------|------|
| 1       | 2-methyloctacosane  |              | 408 | C29H60  | 1000376-72-8 | 91   |
| 2       | Octacosane          |              | 394 | C28H58  | 000630-02-4  | 90   |
| 3       | Triacontane         |              | 422 | C30H62  | 000638-68-6  | 90   |
| 4       | Hexadecane, 1-iodo- |              | 352 | C16H33I | 000544-77-4  | 86   |
| 5       | Heneicosane         |              | 296 | C21H44  | 000629-94-7  | 86   |



Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

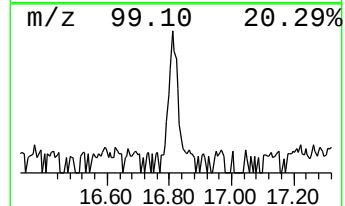
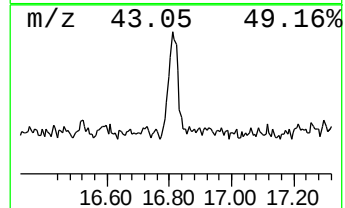
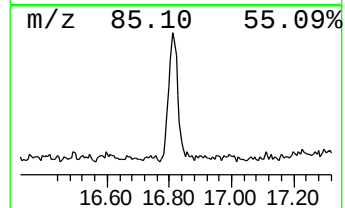
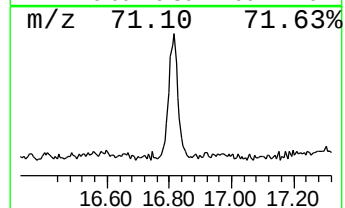
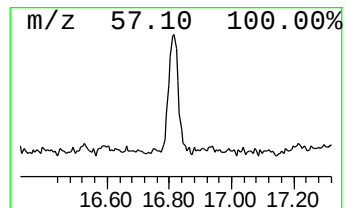
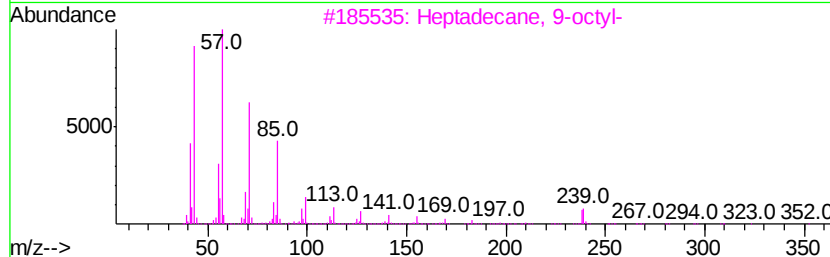
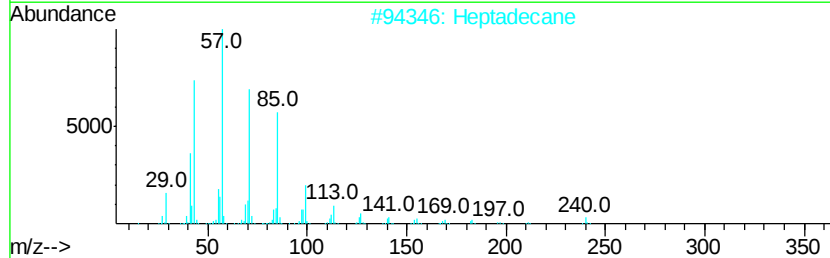
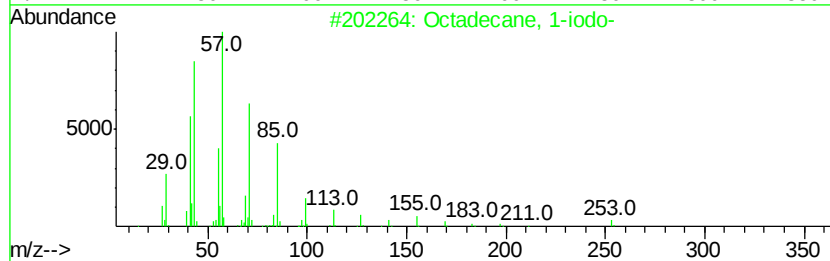
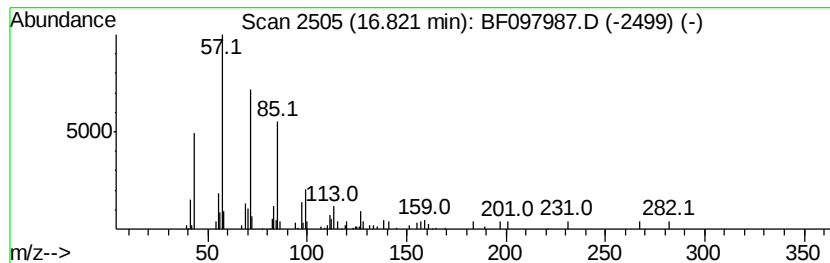
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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

\*\*\*\*\*  
Peak Number 9 Octadecane, 1-iodo- Concentration Rank 7

| R.T.      | EstConc                       | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------|-------|------------------|--------------|------|
| 16.82     | 3.00 ng                       | 93353 | Perylene-d12     | 15.32        |      |
| Hit# of 5 | Tentative ID                  | MW    | MolForm          | CAS#         | Qual |
| 1         | Octadecane, 1-iodo-           | 380   | C18H37I          | 000629-93-6  | 86   |
| 2         | Heptadecane                   | 240   | C17H36           | 000629-78-7  | 86   |
| 3         | Heptadecane, 9-octyl-         | 352   | C25H52           | 007225-64-1  | 86   |
| 4         | Tridecanol, 2-ethyl-2-methyl- | 242   | C16H34O          | 1000115-66-1 | 86   |
| 5         | Hexacosane                    | 366   | C26H54           | 000630-01-3  | 83   |



Data Path : U:\HPCHEM1\BNA\_F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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

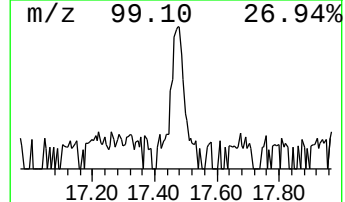
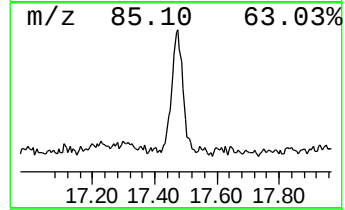
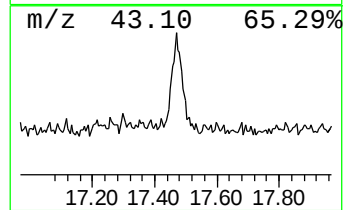
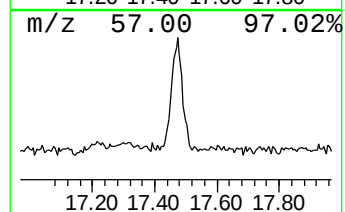
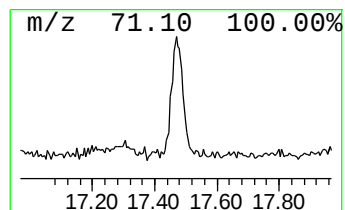
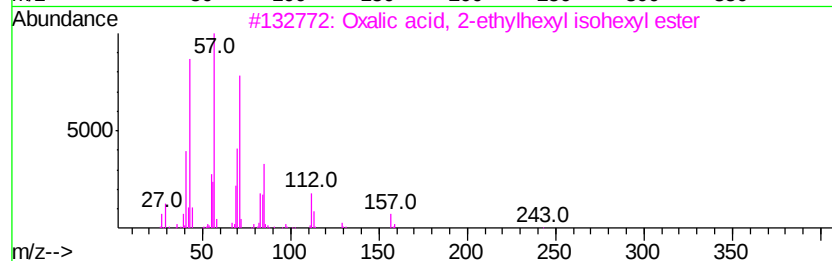
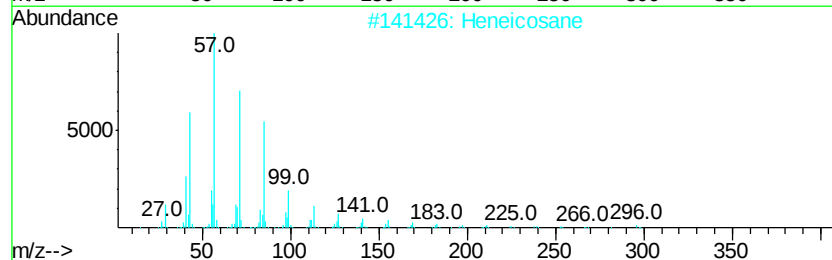
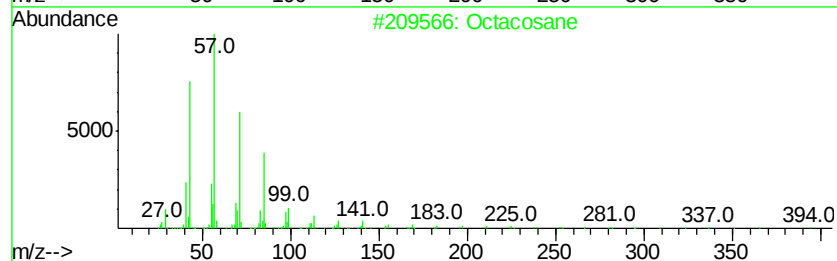
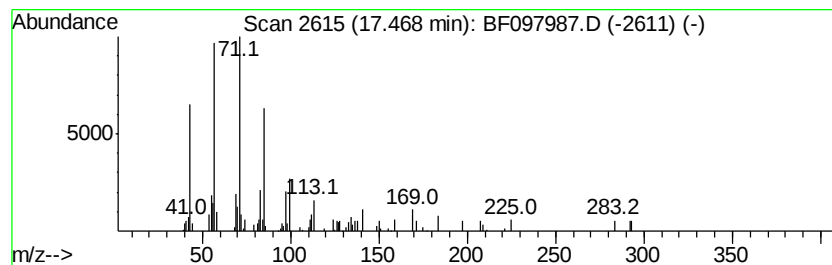
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Octacosane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.47 | 3.81 ng | 118503 | Perylene-d12     | 15.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Octacosane                          | 394 | C28H58   | 000630-02-4  | 86   |
| 2    |    | Heneicosane                         | 296 | C21H44   | 000629-94-7  | 72   |
| 3    |    | Oxalic acid, 2-ethylhexyl isohex... | 286 | C16H30O4 | 1000309-38-8 | 53   |
| 4    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 50   |
| 5    |    | Hentriacontane                      | 437 | C31H64   | 000630-04-6  | 50   |



Data Path : U:\HPCHEM1\BNA\_F\DATA\BF082217\  
Data File : BF097987.D  
Acq On : 23 Aug 2017 7:29  
Operator : SJ/JU  
Sample : I4901-03  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-BE1-3-12-COMP

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... | 4.95  | 6.3     | ng    | 268865   | 1                     | 6.75  | 848318  | 20.0 |
| unknown6.52          | 6.52  | 56.5    | ng    | 2395810  | 1                     | 6.75  | 848318  | 20.0 |
| n-Nonadecanol-1      | 13.75 | 2.8     | ng    | 166921   | 5                     | 13.90 | 1205080 | 20.0 |
| Eicosane             | 15.00 | 2.1     | ng    | 64268    | 6                     | 15.32 | 621618  | 20.0 |
| Benzo[e]pyrene       | 15.20 | 2.3     | ng    | 69957    | 6                     | 15.32 | 621618  | 20.0 |
| Triacontane          | 15.77 | 3.9     | ng    | 122544   | 6                     | 15.32 | 621618  | 20.0 |
| 2-methyloctacosane   | 16.25 | 5.0     | ng    | 154170   | 6                     | 15.32 | 621618  | 20.0 |
| Octadecane, 1-iodo-  | 16.82 | 3.0     | ng    | 93353    | 6                     | 15.32 | 621618  | 20.0 |
| Octacosane           | 17.47 | 3.8     | ng    | 118503   | 6                     | 15.32 | 621618  | 20.0 |