

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
 Data File : BF114732.D  
 Acq On : 1 Jun 2019 2:47  
 Operator : HP/JU  
 Sample : K3104-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIT-WATER

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052919.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         | 4.881       | 468           | 475         | 483          | rVB2     | 175480         | 232678        | 2.42%           | 0.378%        |
| 2         | 5.298       | 542           | 546         | 550          | rBV      | 2566820        | 2509119       | 26.08%          | 4.080%        |
| 3         | 6.322       | 716           | 720         | 730          | rVB      | 2111527        | 1689814       | 17.57%          | 2.748%        |
| 4         | 6.463       | 739           | 744         | 747          | rBV      | 5199903        | 4541719       | 47.21%          | 7.385%        |
| 5         | 6.692       | 780           | 783         | 787          | rBV      | 2460208        | 2245740       | 23.34%          | 3.652%        |
| 6         | 6.857       | 806           | 811         | 814          | rBV      | 7403226        | 7316353       | 76.05%          | 11.897%       |
| 7         | 7.257       | 873           | 879         | 882          | rBV      | 5584812        | 5669532       | 58.93%          | 9.219%        |
| 8         | 7.975       | 997           | 1001        | 1004         | rBV      | 3329250        | 2753241       | 28.62%          | 4.477%        |
| 9         | 9.051       | 1179          | 1184        | 1187         | rBV      | 9540167        | 9619979       | 100.00%         | 15.643%       |
| 10        | 9.133       | 1195          | 1198        | 1203         | rBV5     | 144098         | 184956        | 1.92%           | 0.301%        |
| 11        | 9.439       | 1247          | 1250        | 1253         | rBV      | 650246         | 549000        | 5.71%           | 0.893%        |
| 12        | 9.469       | 1253          | 1255        | 1257         | rVV      | 320683         | 262959        | 2.73%           | 0.428%        |
| 13        | 9.498       | 1257          | 1260        | 1264         | rVB2     | 172273         | 185998        | 1.93%           | 0.302%        |
| 14        | 9.598       | 1274          | 1277        | 1280         | rBV5     | 250177         | 326344        | 3.39%           | 0.531%        |
| 15        | 9.645       | 1282          | 1285        | 1288         | rVB      | 552322         | 527570        | 5.48%           | 0.858%        |
| 16        | 9.680       | 1288          | 1291        | 1293         | rBV3     | 137159         | 171467        | 1.78%           | 0.279%        |
| 17        | 9.722       | 1293          | 1298        | 1304         | rVV      | 3406663        | 3248830       | 33.77%          | 5.283%        |
| 18        | 9.774       | 1304          | 1307        | 1312         | rBV      | 167254         | 234113        | 2.43%           | 0.381%        |
| 19        | 9.892       | 1325          | 1327        | 1329         | rBV2     | 149165         | 144375        | 1.50%           | 0.235%        |
| 20        | 9.998       | 1342          | 1345        | 1348         | rBV2     | 397237         | 394323        | 4.10%           | 0.641%        |
| 21        | 10.098      | 1359          | 1362        | 1364         | rBV3     | 213289         | 255130        | 2.65%           | 0.415%        |
| 22        | 10.133      | 1365          | 1368        | 1371         | rVV2     | 442646         | 482238        | 5.01%           | 0.784%        |
| 23        | 10.392      | 1410          | 1412        | 1415         | rVB      | 341951         | 332087        | 3.45%           | 0.540%        |
| 24        | 10.504      | 1427          | 1431        | 1434         | rBV      | 3205124        | 2916822       | 30.32%          | 4.743%        |
| 25        | 10.657      | 1455          | 1457        | 1461         | rVB      | 684180         | 547212        | 5.69%           | 0.890%        |
| 26        | 10.710      | 1464          | 1466        | 1468         | rVB      | 251645         | 180238        | 1.87%           | 0.293%        |
| 27        | 11.121      | 1534          | 1536        | 1539         | rVB      | 635069         | 534981        | 5.56%           | 0.870%        |
| 28        | 11.198      | 1545          | 1549        | 1552         | rVB      | 2452717        | 2264002       | 23.53%          | 3.681%        |
| 29        | 12.780      | 1814          | 1818        | 1821         | rBV      | 7173670        | 6885736       | 71.58%          | 11.197%       |
| 30        | 13.680      | 1969          | 1971        | 1979         | rVB2     | 405695         | 508661        | 5.29%           | 0.827%        |
| 31        | 13.815      | 1990          | 1994        | 1998         | rVB      | 2257456        | 2019785       | 21.00%          | 3.284%        |
| 32        | 15.204      | 2225          | 2230        | 2234         | rVB      | 1547388        | 1763971       | 18.34%          | 2.868%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052919.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

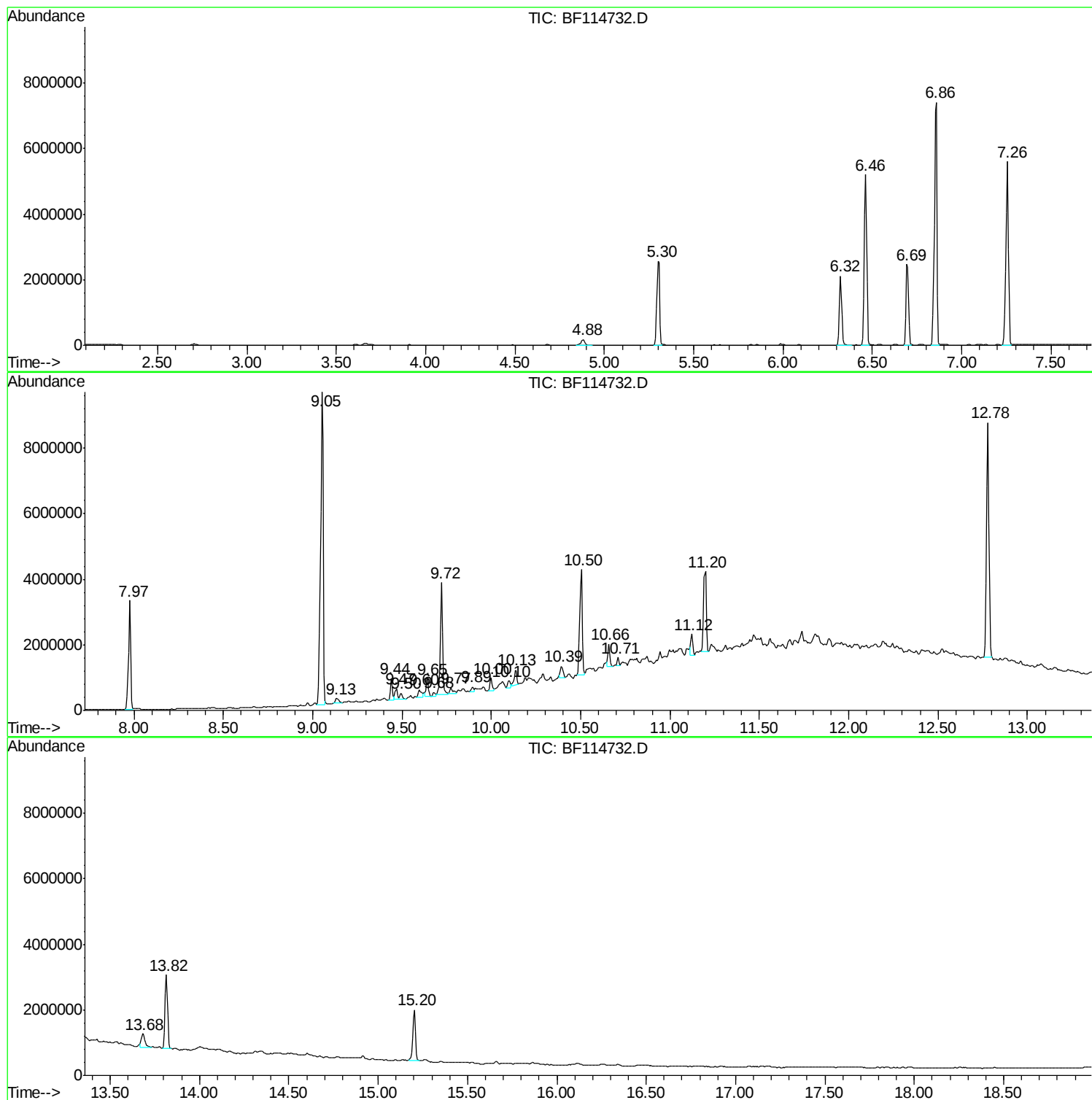
Sum of corrected areas: 61498973

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

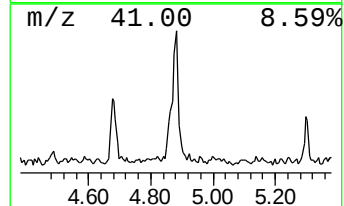
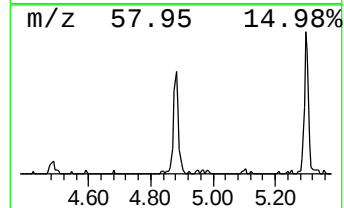
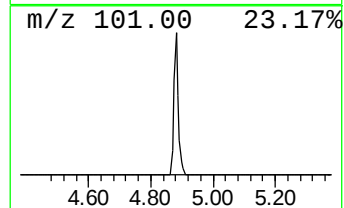
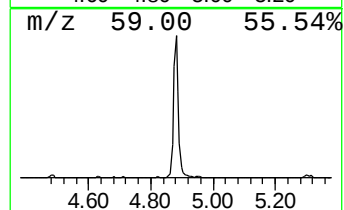
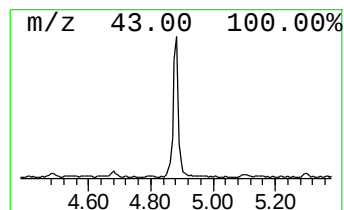
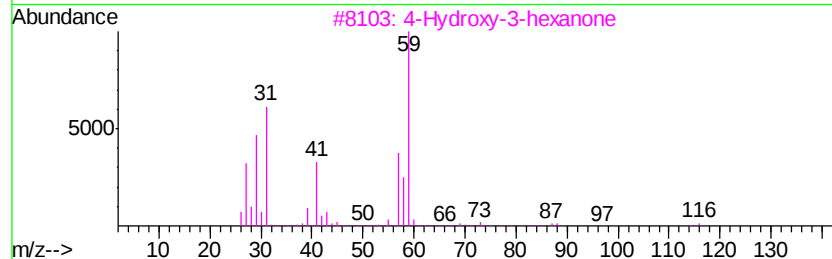
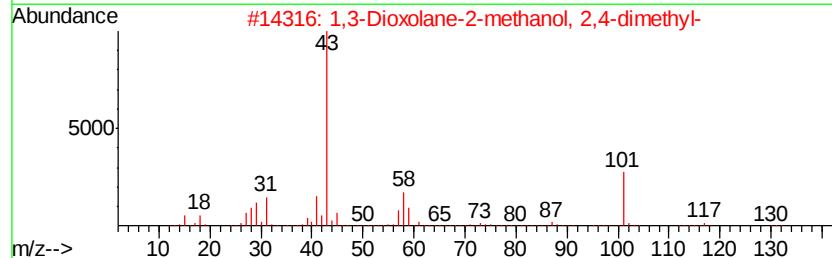
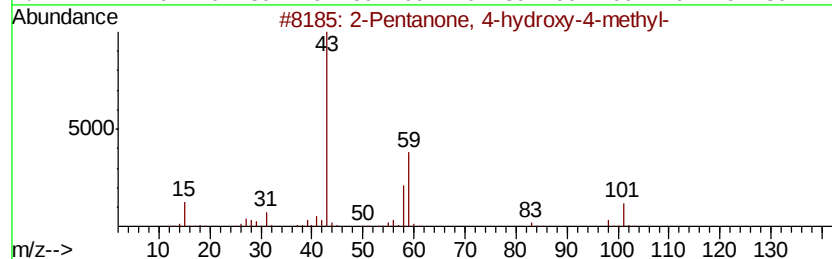
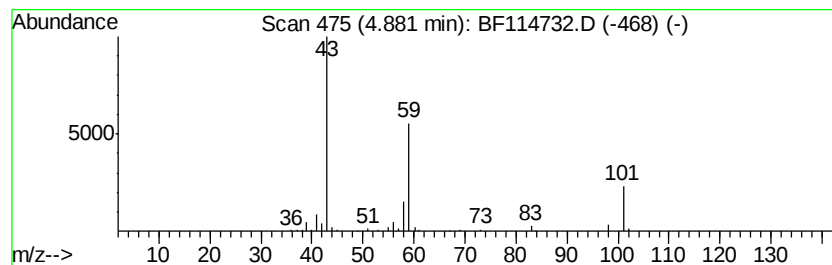
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.88 | 2.07 ng | 232678 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 47   |
| 2    |    |   | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3  | 053951-43-2 | 28   |
| 3    |    |   | 4-Hydroxy-3-hexanone                | 116 | C6H12O2  | 004984-85-4 | 25   |
| 4    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 5    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 17   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

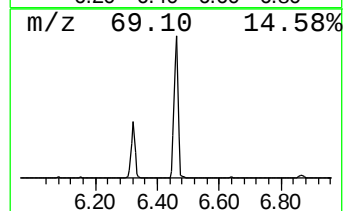
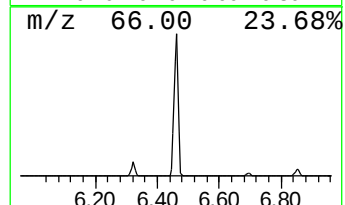
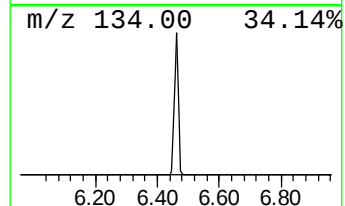
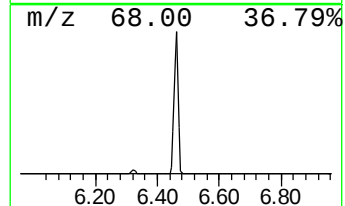
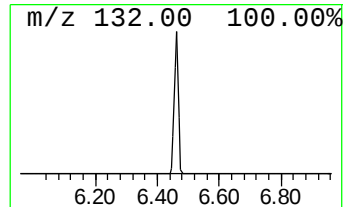
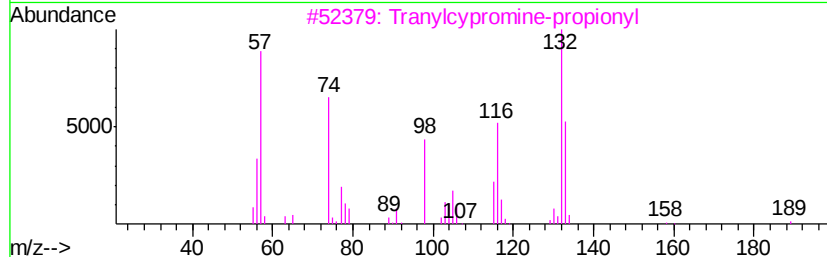
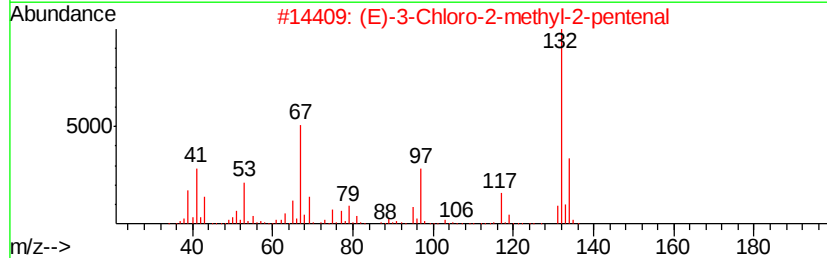
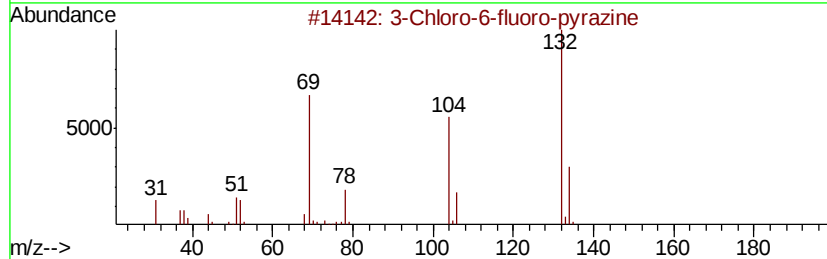
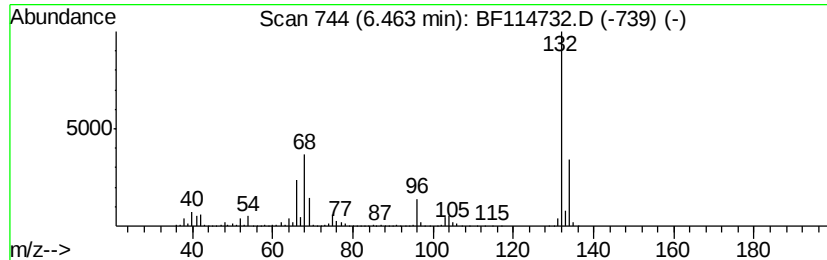
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown6.46 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.46 | 40.45 ng | 4541720 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 25   |
| 3    |    | Tranvlcypropane-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 16   |
| 4    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

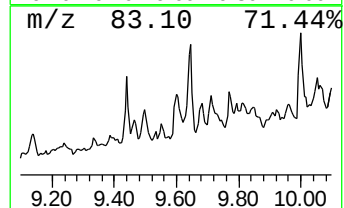
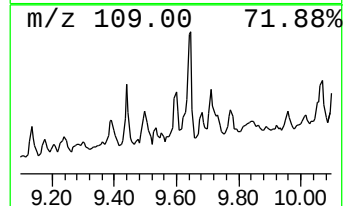
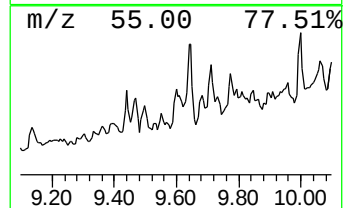
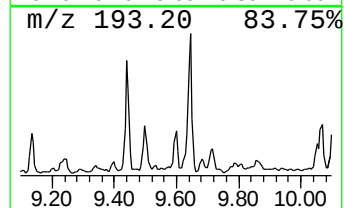
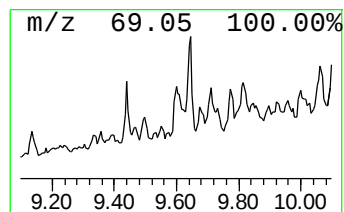
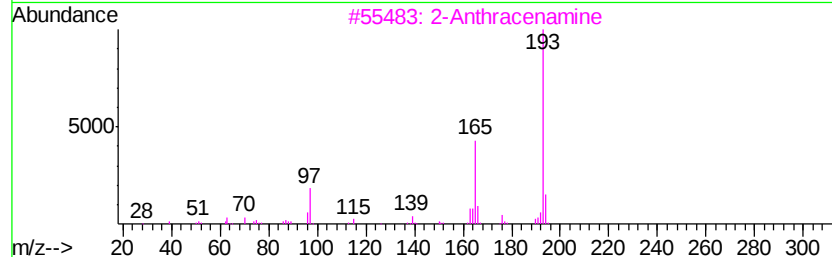
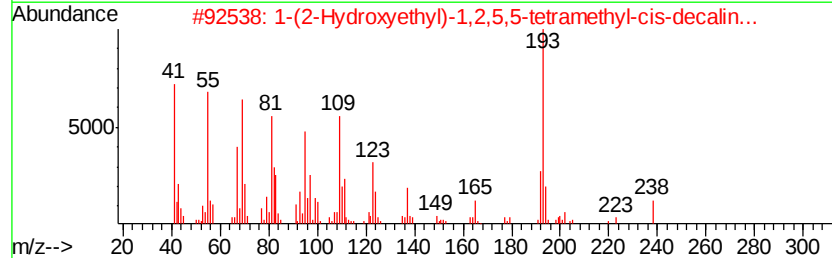
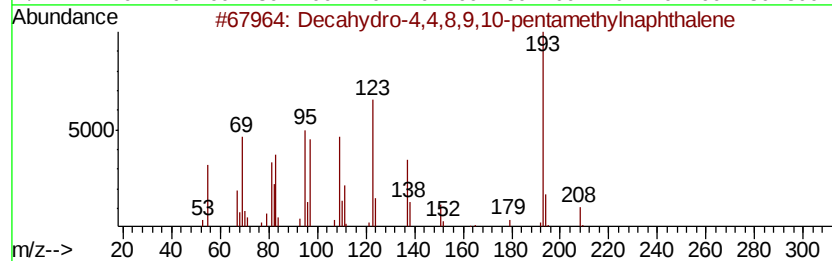
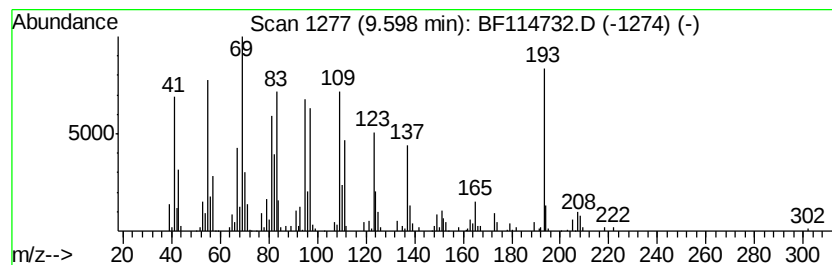
Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.60      | 2.01 ng                             | 326344 | Acenaphthene-d10 | 9.72         |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Decahydro-4,4,8,9,10-pentamethyl... | 208    | C15H28           | 080655-44-3  | 95   |
| 2         | 1-(2-Hydroxyethyl)-1,2,5,5-tetra... | 238    | C16H30O          | 1000298-97-4 | 50   |
| 3         | 2-Anthracenamine                    | 193    | C14H11N          | 000613-13-8  | 35   |
| 4         | 1-Anthracenamine                    | 193    | C14H11N          | 000610-49-1  | 35   |
| 5         | Cyclopentane, 1-methyl-1-(2-meth... | 138    | C10H18           | 074764-47-9  | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

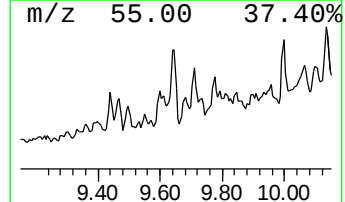
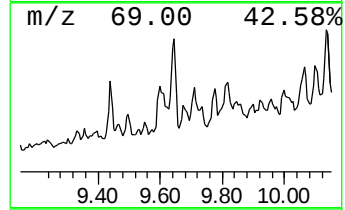
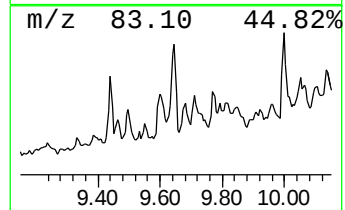
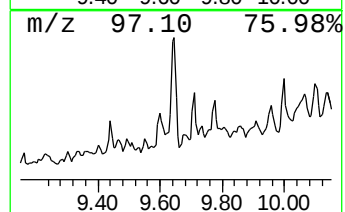
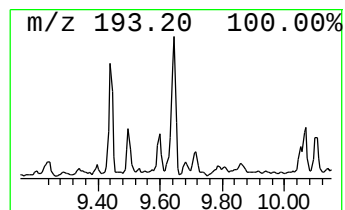
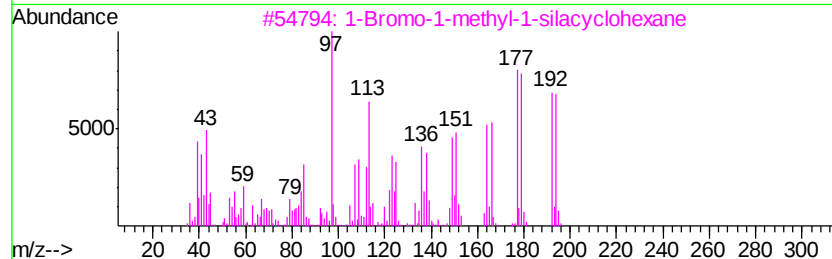
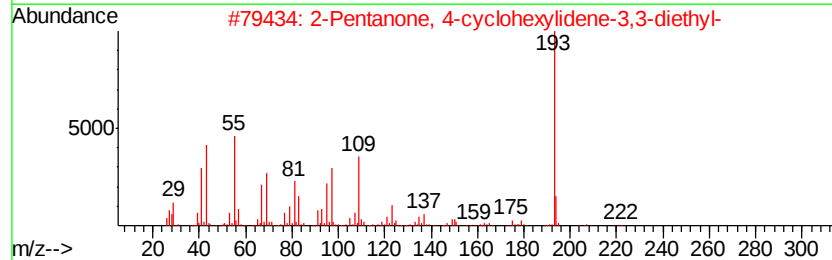
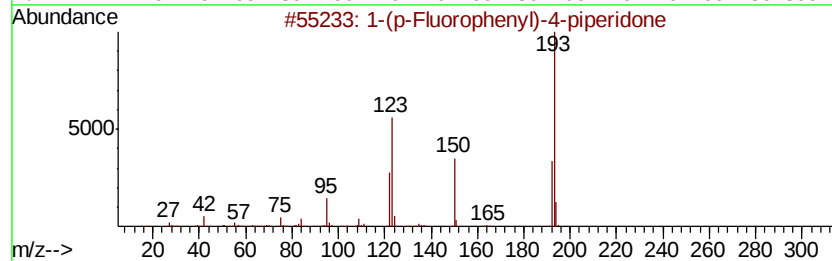
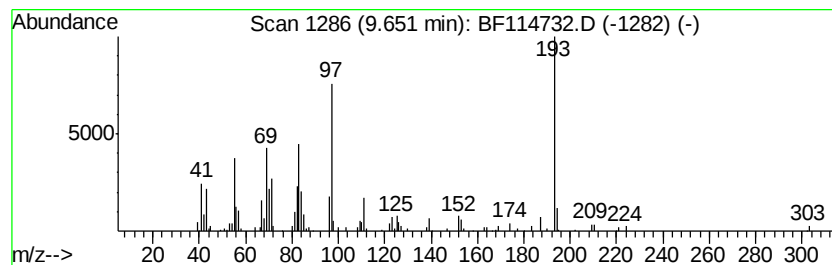
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 unknown9.65 Concentration Rank 6

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.65 | 3.25 ng | 527570 | Acenaphthene-d10 | 9.72 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1-(p-Fluorophenyl)-4-piperidone     | 193 | C11H12FNO  | 1000238-56-7 | 38   |
| 2    |    | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O    | 313253-65-5  | 37   |
| 3    |    | 1-Bromo-1-methyl-1-silacyclohexane  | 192 | C6H13BrSi  | 085125-32-2  | 35   |
| 4    |    | 2-Anthracenamine                    | 193 | C14H11N    | 000613-13-8  | 22   |
| 5    |    | Trisiloxane, 1,1,3,3,5,5-hexamet... | 208 | C6H20O2Si3 | 001189-93-1  | 22   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

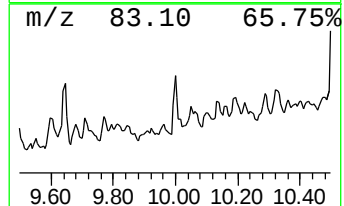
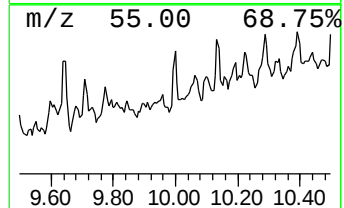
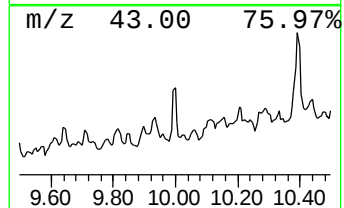
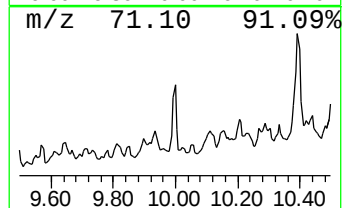
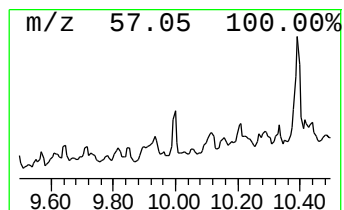
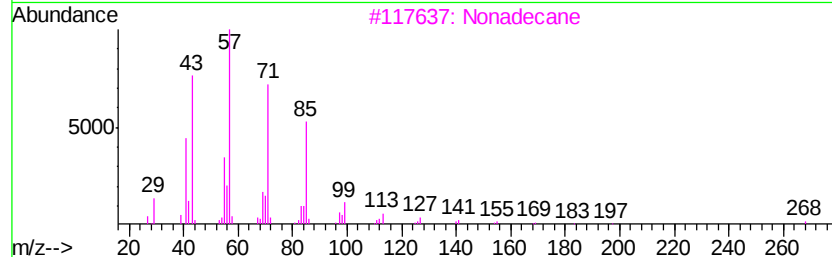
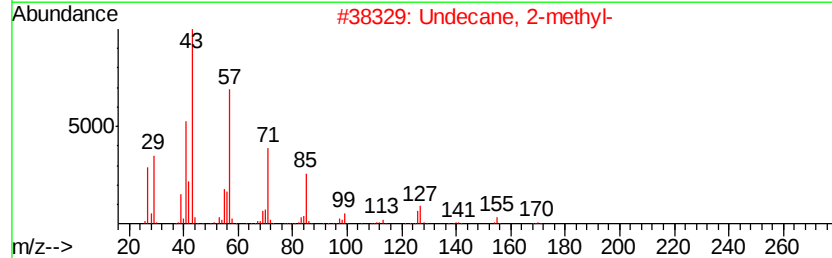
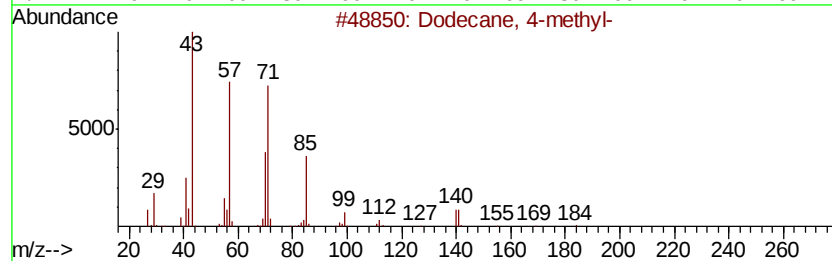
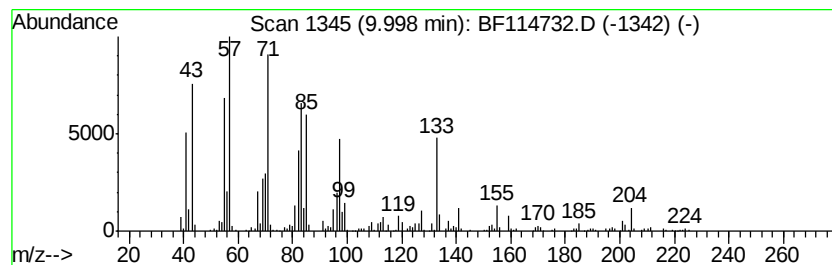
Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 unknown10.00 Concentration Rank 8

| R.T.      | EstConc                | Area   | Relative to ISTD |             | R.T. |
|-----------|------------------------|--------|------------------|-------------|------|
| 10.00     | 2.43 ng                | 394323 | Acenaphthene-d10 |             | 9.72 |
| Hit# of 5 | Tentative ID           | MW     | MolForm          | CAS#        | Qual |
| 1         | Dodecane, 4-methyl-    | 184    | C13H28           | 006117-97-1 | 30   |
| 2         | Undecane, 2-methyl-    | 170    | C12H26           | 007045-71-8 | 30   |
| 3         | Nonadecane             | 268    | C19H40           | 000629-92-5 | 30   |
| 4         | Heptadecane, 8-methyl- | 254    | C18H38           | 013287-23-5 | 30   |
| 5         | Dodecane               | 170    | C12H26           | 000112-40-3 | 30   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

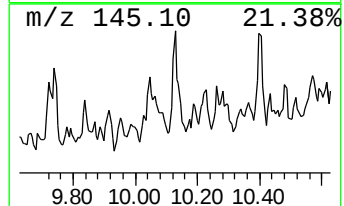
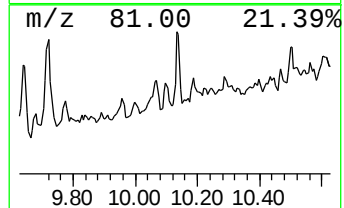
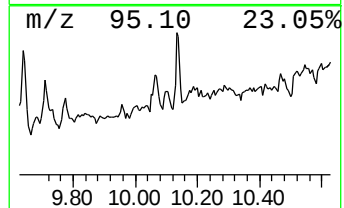
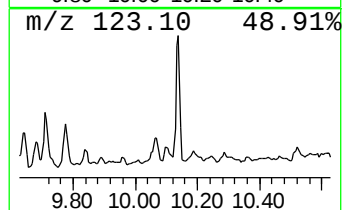
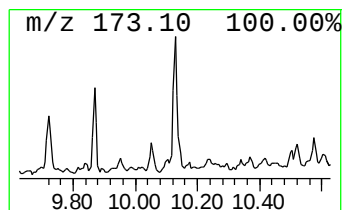
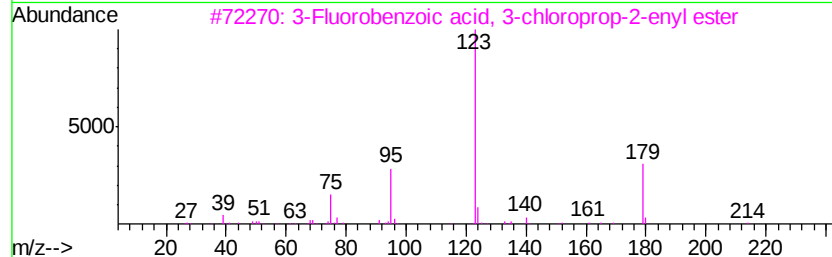
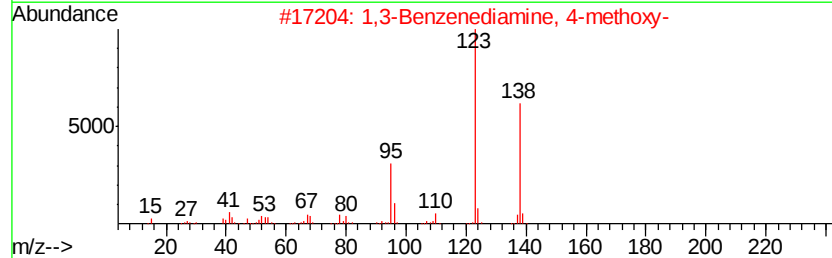
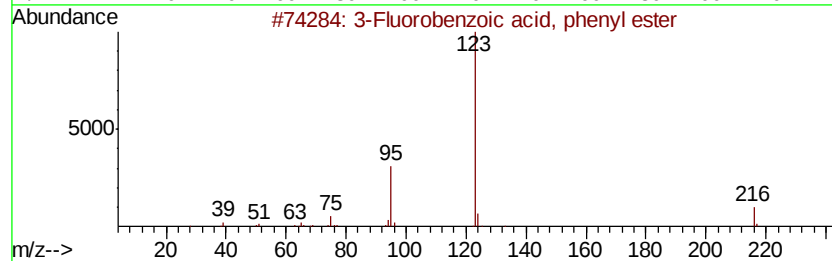
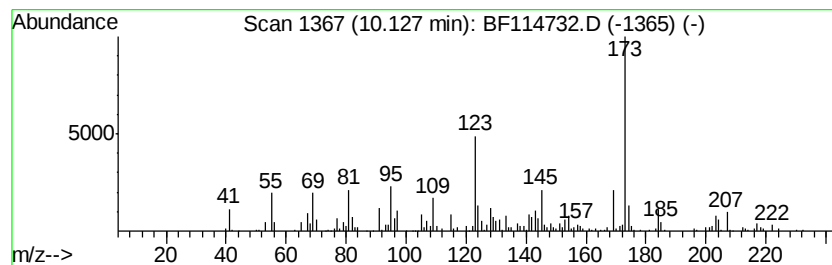
Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 unknown10.13 Concentration Rank 7

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 10.13     | 2.97 ng                             | 482238 | Acenaphthene-d10 | 9.72         |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 3-Fluorobenzoic acid, phenyl ester  | 216    | C13H9F02         | 1000299-05-5 | 38   |
| 2         | 1,3-Benzenediamine, 4-methoxy-      | 138    | C7H10N2O         | 000615-05-4  | 38   |
| 3         | 3-Fluorobenzoic acid, 3-chloropr... | 214    | C10H8ClF02       | 1000292-61-0 | 38   |
| 4         | 4-Fluorobenzoic acid, 3-methylbu... | 208    | C12H13F02        | 1000299-15-1 | 38   |
| 5         | Pentanamide, N-(4-methoxyphenyl)-   | 207    | C12H17N02        | 1000306-89-3 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

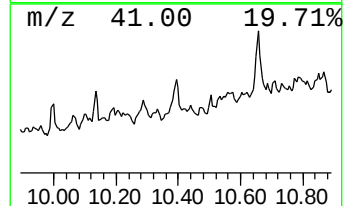
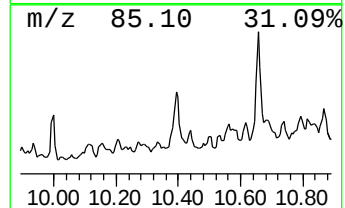
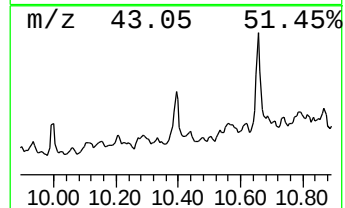
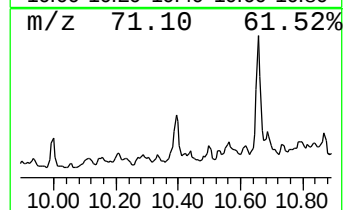
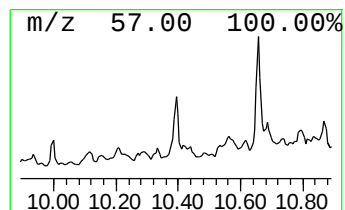
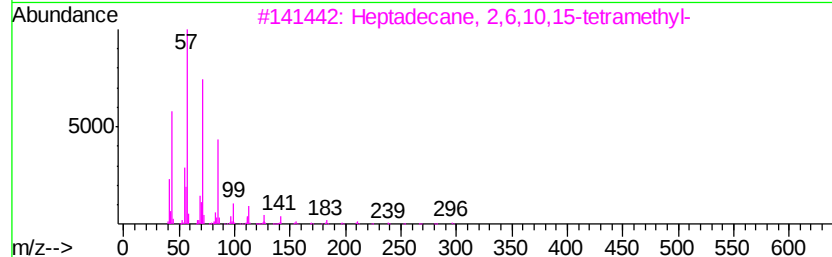
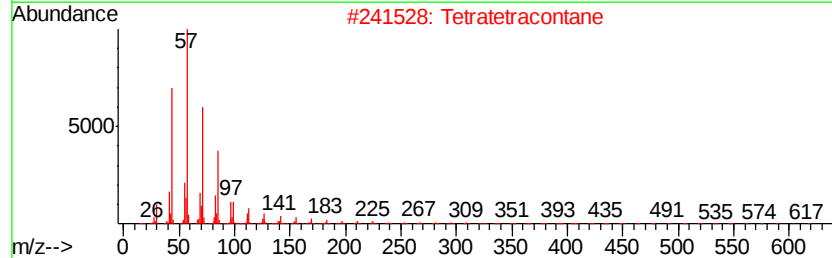
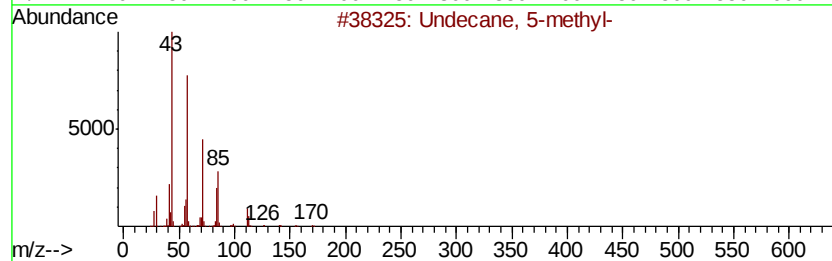
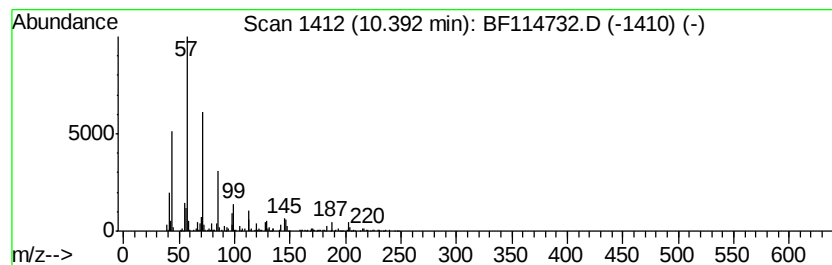
Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Undecane, 5-methyl- Concentration Rank 10

| R.T.    | EstConc                             | Area          | Relative to ISTD | R.T.      |
|---------|-------------------------------------|---------------|------------------|-----------|
| 10.39   | 2.04 ng                             | 332087        | Acenaphthene-d10 | 9.72      |
| Hit# of | 5                                   | Tentative ID  | MW MolForm       | CAS# Qual |
| 1       | Undecane, 5-methyl-                 | 170 C12H26    | 001632-70-8      | 64        |
| 2       | Tetratetracontane                   | 619 C44H90    | 007098-22-8      | 64        |
| 3       | Heptadecane, 2,6,10,15-tetramethyl- | 296 C21H44    | 054833-48-6      | 58        |
| 4       | Sulfurous acid, 2-ethylhexyl non... | 320 C17H36O3S | 1000309-19-2     | 52        |
| 5       | Decane, 3,6-dimethyl-               | 170 C12H26    | 017312-53-7      | 50        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

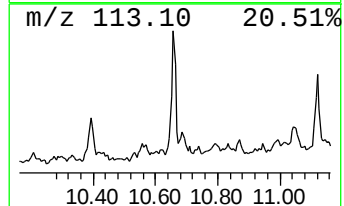
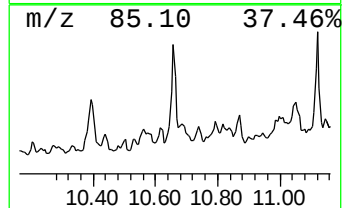
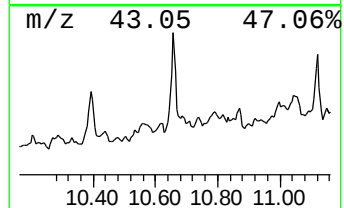
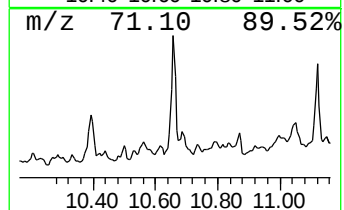
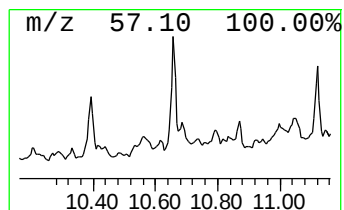
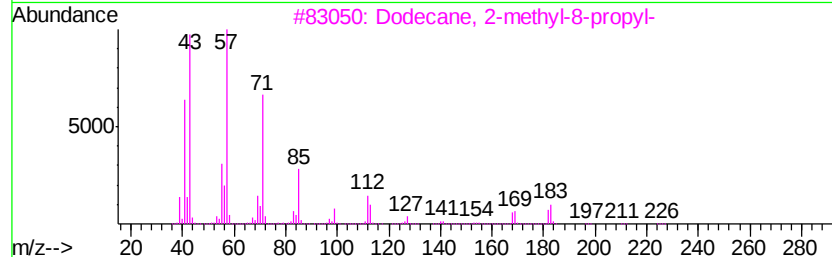
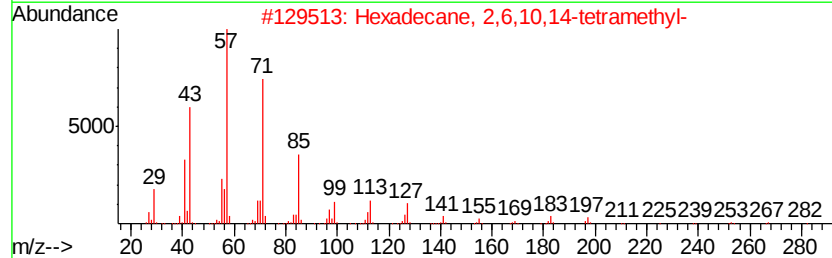
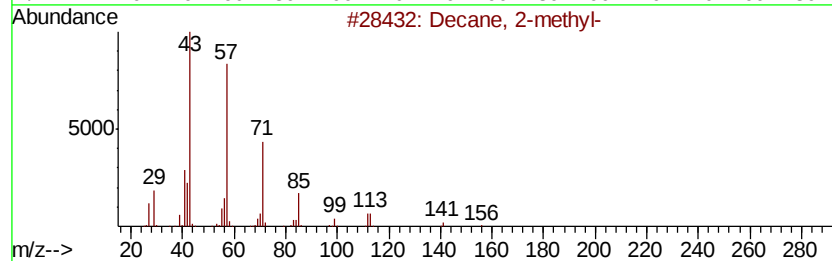
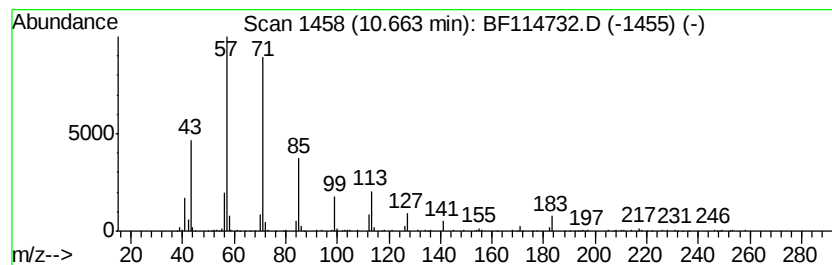
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Decane, 2-methyl- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.66 | 4.83 ng | 547212 | Phenanthrene-d10 | 11.20 |

| Hit# of | 5                                  | Tentative ID | MW     | MolForm     | CAS# | Qual |
|---------|------------------------------------|--------------|--------|-------------|------|------|
| 1       | Decane, 2-methyl-                  | 156          | C11H24 | 006975-98-0 | 90   |      |
| 2       | Hexadecane, 2,6,10,14-tetramethyl- | 282          | C20H42 | 000638-36-8 | 90   |      |
| 3       | Dodecane, 2-methyl-8-propyl-       | 226          | C16H34 | 055045-07-3 | 86   |      |
| 4       | Dodecane, 2,7,10-trimethyl-        | 212          | C15H32 | 074645-98-0 | 72   |      |
| 5       | Dodecane, 4,6-dimethyl-            | 198          | C14H30 | 061141-72-8 | 72   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

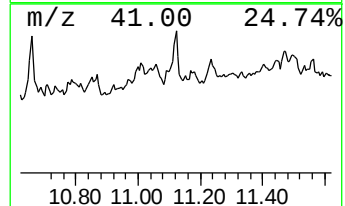
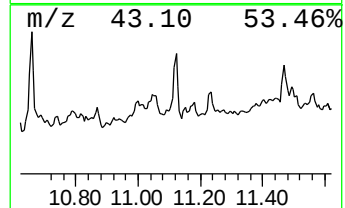
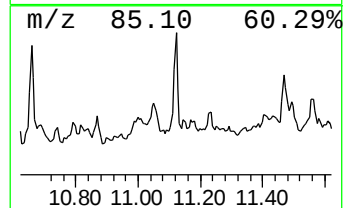
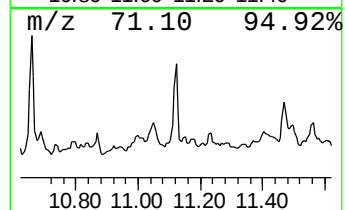
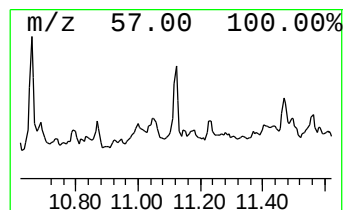
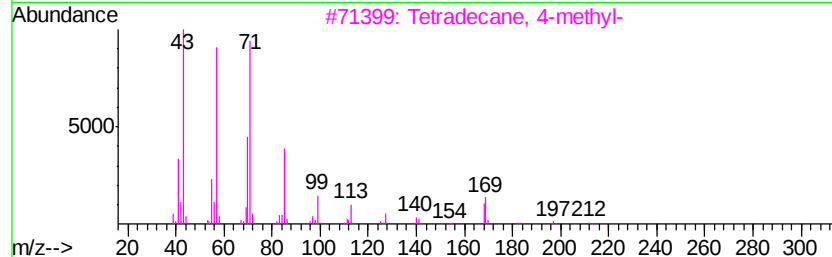
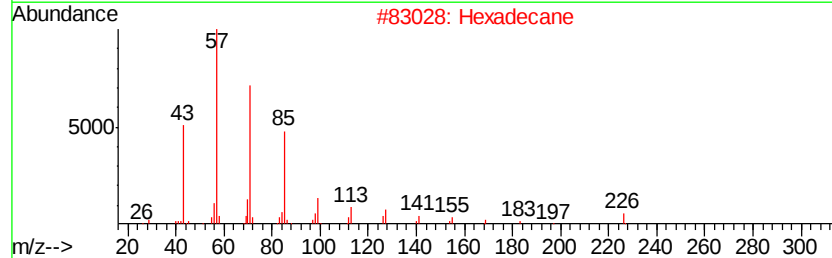
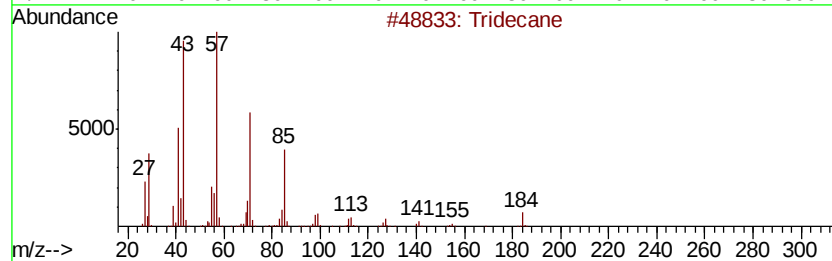
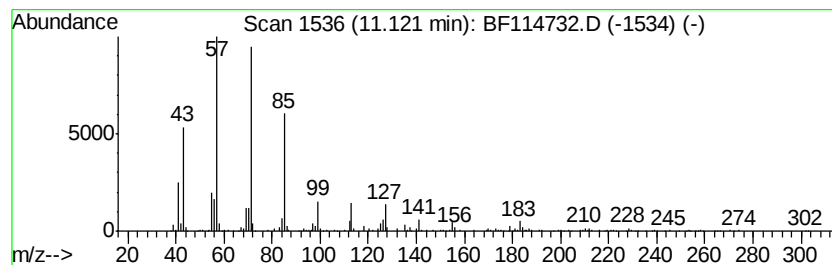
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.12 | 4.73 ng | 534981 | Phenanthrene-d10 | 11.20 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Tridecane                          | 184 | C13H28  | 000629-50-5 | 90   |
| 2    |    | Hexadecane                         | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |    | Tetradecane, 4-methyl-             | 212 | C15H32  | 025117-24-2 | 86   |
| 4    |    | Nonadecane                         | 268 | C19H40  | 000629-92-5 | 86   |
| 5    |    | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\  
Data File : BF114732.D  
Acq On : 1 Jun 2019 2:47  
Operator : HP/JU  
Sample : K3104-07  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

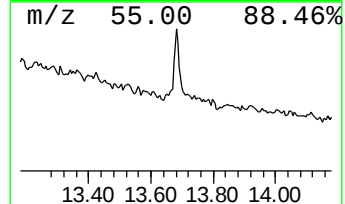
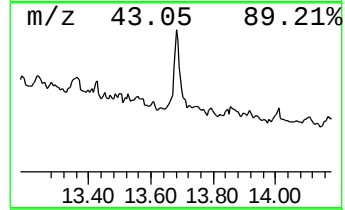
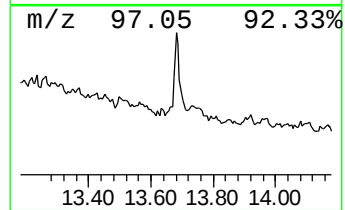
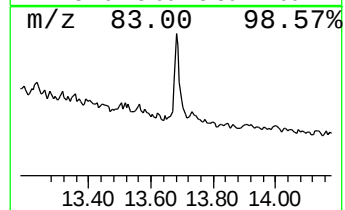
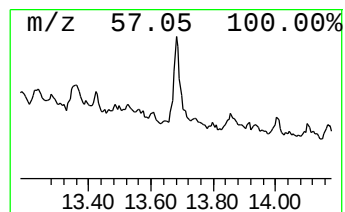
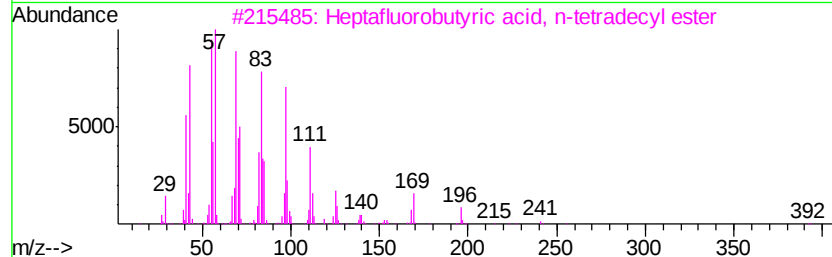
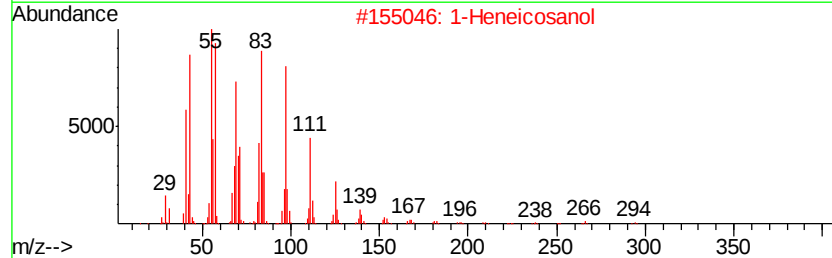
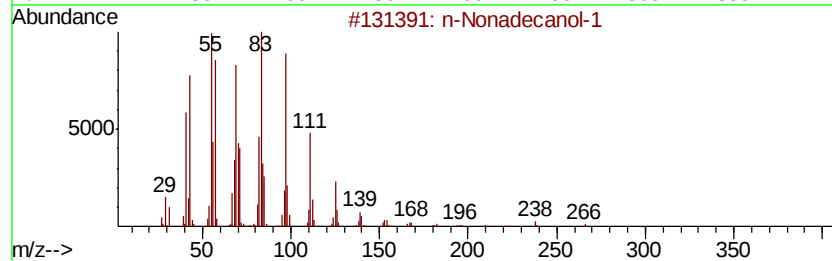
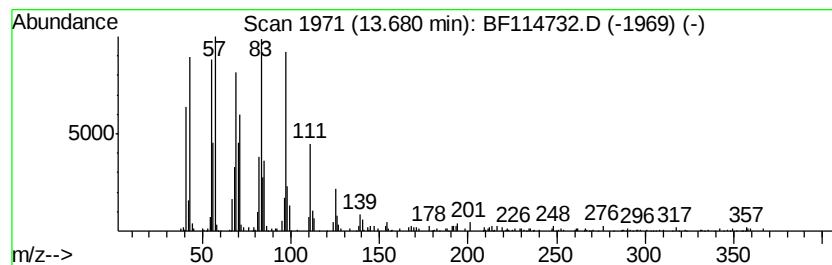
Instrument :  
BNA\_F  
ClientSampleId :  
PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 n-Nonadecanol-1 Concentration Rank 3

| R.T.      | EstConc                              | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------------|--------|------------------|-------------|------|
| 13.68     | 5.04 ng                              | 508661 | Chrysene-d12     | 13.82       |      |
| Hit# of 5 | Tentative ID                         | MW     | MolForm          | CAS#        | Qual |
| 1         | n-Nonadecanol-1                      | 284    | C19H40O          | 001454-84-8 | 94   |
| 2         | 1-Heneicosanol                       | 312    | C21H44O          | 015594-90-8 | 94   |
| 3         | Heptafluorobutyrlic acid, n-tetra... | 410    | C18H29F7O2       | 007365-36-8 | 94   |
| 4         | Pentafluoropropionic acid, penta...  | 374    | C18H31F5O2       | 959092-08-1 | 94   |
| 5         | Heptafluorobutyric acid, pentade...  | 424    | C19H31F7O2       | 959261-23-5 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF053119\  
 Data File : BF114732.D  
 Acq On : 1 Jun 2019 2:47  
 Operator : HP/JU  
 Sample : K3104-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052919.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... | 4.88  | 2.1 ng  |       | 232678   | 1                     | 6.70  | 2245740 | 20.0 |
| unknown6.46          | 6.46  | 40.5 ng |       | 4541720  | 1                     | 6.70  | 2245740 | 20.0 |
| Decahydro-4,4,8,9... | 9.60  | 2.0 ng  |       | 326344   | 3                     | 9.72  | 3248830 | 20.0 |
| unknown9.65          | 9.65  | 3.3 ng  |       | 527570   | 3                     | 9.72  | 3248830 | 20.0 |
| unknown10.00         | 10.00 | 2.4 ng  |       | 394323   | 3                     | 9.72  | 3248830 | 20.0 |
| unknown10.13         | 10.13 | 3.0 ng  |       | 482238   | 3                     | 9.72  | 3248830 | 20.0 |
| Undecane, 5-methyl-  | 10.39 | 2.0 ng  |       | 332087   | 3                     | 9.72  | 3248830 | 20.0 |
| Decane, 2-methyl-    | 10.66 | 4.8 ng  |       | 547212   | 4                     | 11.20 | 2264000 | 20.0 |
| Tridecane            | 11.12 | 4.7 ng  |       | 534981   | 4                     | 11.20 | 2264000 | 20.0 |
| n-Nonadecanol-1      | 13.68 | 5.0 ng  |       | 508661   | 5                     | 13.82 | 2019790 | 20.0 |