

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032916\  
 Data File : BF085860.D  
 Acq On : 29 Mar 2016 20:33  
 Operator : UM/SJ  
 Sample : H1970-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-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-BF032416.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         | 4.996       | 234           | 237         | 245          | rBV      | 33124          | 50849         | 2.15%           | 0.199%        |
| 2         | 5.407       | 270           | 273         | 275          | rBV      | 1992572        | 2286055       | 96.50%          | 8.945%        |
| 3         | 6.447       | 362           | 364         | 366          | rBV      | 2228887        | 2369042       | 100.00%         | 9.270%        |
| 4         | 6.573       | 373           | 375         | 378          | rBV      | 2489121        | 2200593       | 92.89%          | 8.610%        |
| 5         | 6.802       | 393           | 395         | 398          | rBV      | 773374         | 665759        | 28.10%          | 2.605%        |
| 6         | 6.962       | 407           | 409         | 411          | rBV      | 2051570        | 1891834       | 79.86%          | 7.402%        |
| 7         | 7.373       | 442           | 445         | 447          | rBV      | 1712293        | 1651780       | 69.72%          | 6.463%        |
| 8         | 7.476       | 452           | 454         | 460          | rVB      | 33293          | 46594         | 1.97%           | 0.182%        |
| 9         | 7.842       | 484           | 486         | 496          | rBV3     | 13622          | 39178         | 1.65%           | 0.153%        |
| 10        | 8.002       | 498           | 500         | 502          | rBV      | 65339          | 61697         | 2.60%           | 0.241%        |
| 11        | 8.093       | 505           | 508         | 510          | rBV      | 899019         | 886178        | 37.41%          | 3.467%        |
| 12        | 8.882       | 575           | 577         | 582          | rBV      | 21369          | 32840         | 1.39%           | 0.128%        |
| 13        | 9.168       | 599           | 602         | 604          | rBV      | 2594687        | 2208406       | 93.22%          | 8.641%        |
| 14        | 9.568       | 635           | 637         | 639          | rBV      | 452233         | 454676        | 19.19%          | 1.779%        |
| 15        | 9.773       | 653           | 655         | 659          | rBV      | 46369          | 59354         | 2.51%           | 0.232%        |
| 16        | 9.842       | 659           | 661         | 663          | rVV      | 1052893        | 938715        | 39.62%          | 3.673%        |
| 17        | 10.276      | 697           | 699         | 701          | rVB      | 93353          | 74516         | 3.15%           | 0.292%        |
| 18        | 10.493      | 715           | 718         | 721          | rBV      | 26930          | 48309         | 2.04%           | 0.189%        |
| 19        | 10.631      | 727           | 730         | 733          | rBV      | 1471942        | 1519581       | 64.14%          | 5.946%        |
| 20        | 10.745      | 739           | 740         | 745          | rBV      | 73723          | 104011        | 4.39%           | 0.407%        |
| 21        | 10.962      | 755           | 759         | 761          | rBV2     | 31575          | 47271         | 2.00%           | 0.185%        |
| 22        | 11.076      | 767           | 769         | 773          | rBV3     | 16813          | 24712         | 1.04%           | 0.097%        |
| 23        | 11.191      | 778           | 779         | 781          | rBV      | 28758          | 39339         | 1.66%           | 0.154%        |
| 24        | 11.328      | 789           | 791         | 792          | rBV      | 1095579        | 960073        | 40.53%          | 3.757%        |
| 25        | 11.351      | 792           | 793         | 795          | rVV      | 112563         | 90983         | 3.84%           | 0.356%        |
| 26        | 11.408      | 795           | 798         | 799          | rVB2     | 22668          | 31475         | 1.33%           | 0.123%        |
| 27        | 11.785      | 828           | 831         | 833          | rBV2     | 21748          | 40165         | 1.70%           | 0.157%        |
| 28        | 11.865      | 836           | 838         | 839          | rBV      | 183955         | 256276        | 10.82%          | 1.003%        |
| 29        | 12.128      | 857           | 861         | 862          | rBV2     | 18722          | 25280         | 1.07%           | 0.099%        |
| 30        | 12.162      | 862           | 864         | 867          | rBV4     | 12246          | 25961         | 1.10%           | 0.102%        |
| 31        | 12.265      | 870           | 873         | 875          | rBV4     | 11681          | 26382         | 1.11%           | 0.103%        |
| 32        | 12.391      | 881           | 884         | 885          | rBV2     | 19430          | 31756         | 1.34%           | 0.124%        |
| 33        | 12.539      | 894           | 897         | 899          | rBV      | 251430         | 249308        | 10.52%          | 0.975%        |
| 34        | 12.642      | 904           | 906         | 909          | rVV      | 166018         | 199241        | 8.41%           | 0.780%        |

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Misc :  
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Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

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-BF032416.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.768 | 913  | 917  | 918  | rVV  | 203306  | 253446  | 10.70% | 0.992% |
| 36 | 12.791 | 918  | 919  | 925  | rVB2 | 33827   | 60115   | 2.54%  | 0.235% |
| 37 | 12.905 | 927  | 929  | 931  | rVV  | 1207641 | 1605621 | 67.78% | 6.282% |
| 38 | 12.939 | 931  | 932  | 934  | rVB  | 68426   | 51694   | 2.18%  | 0.202% |
| 39 | 13.145 | 948  | 950  | 953  | rBV3 | 25736   | 49721   | 2.10%  | 0.195% |
| 40 | 13.625 | 989  | 992  | 994  | rBV2 | 332543  | 389156  | 16.43% | 1.523% |
| 41 | 13.762 | 1002 | 1004 | 1007 | rVV  | 292933  | 293581  | 12.39% | 1.149% |
| 42 | 13.808 | 1007 | 1008 | 1013 | rVB2 | 85221   | 141099  | 5.96%  | 0.552% |
| 43 | 13.968 | 1018 | 1022 | 1026 | rBV4 | 523103  | 1329861 | 56.13% | 5.203% |
| 44 | 14.071 | 1029 | 1031 | 1032 | rBV  | 71907   | 64813   | 2.74%  | 0.254% |
| 45 | 14.128 | 1034 | 1036 | 1038 | rBV2 | 57297   | 67138   | 2.83%  | 0.263% |
| 46 | 14.437 | 1061 | 1063 | 1065 | rBV2 | 42221   | 86531   | 3.65%  | 0.339% |
| 47 | 14.974 | 1108 | 1110 | 1114 | rBV  | 71566   | 169135  | 7.14%  | 0.662% |
| 48 | 15.042 | 1114 | 1116 | 1118 | rVB  | 62176   | 69365   | 2.93%  | 0.271% |
| 49 | 15.328 | 1138 | 1141 | 1143 | rVV  | 61955   | 96498   | 4.07%  | 0.378% |
| 50 | 15.385 | 1143 | 1146 | 1154 | rVB  | 383575  | 719075  | 30.35% | 2.814% |
| 51 | 15.797 | 1180 | 1182 | 1185 | rBV  | 37196   | 64465   | 2.72%  | 0.252% |
| 52 | 16.265 | 1221 | 1223 | 1229 | rVB2 | 30943   | 71065   | 3.00%  | 0.278% |
| 53 | 16.425 | 1234 | 1237 | 1241 | rVB3 | 30032   | 62430   | 2.64%  | 0.244% |
| 54 | 16.768 | 1264 | 1267 | 1269 | rBV2 | 33720   | 72994   | 3.08%  | 0.286% |
| 55 | 16.814 | 1269 | 1271 | 1275 | rVB  | 29967   | 61449   | 2.59%  | 0.240% |
| 56 | 17.180 | 1300 | 1303 | 1309 | rVB  | 19822   | 49397   | 2.09%  | 0.193% |
| 57 | 18.231 | 1391 | 1395 | 1402 | rVB3 | 27982   | 90413   | 3.82%  | 0.354% |

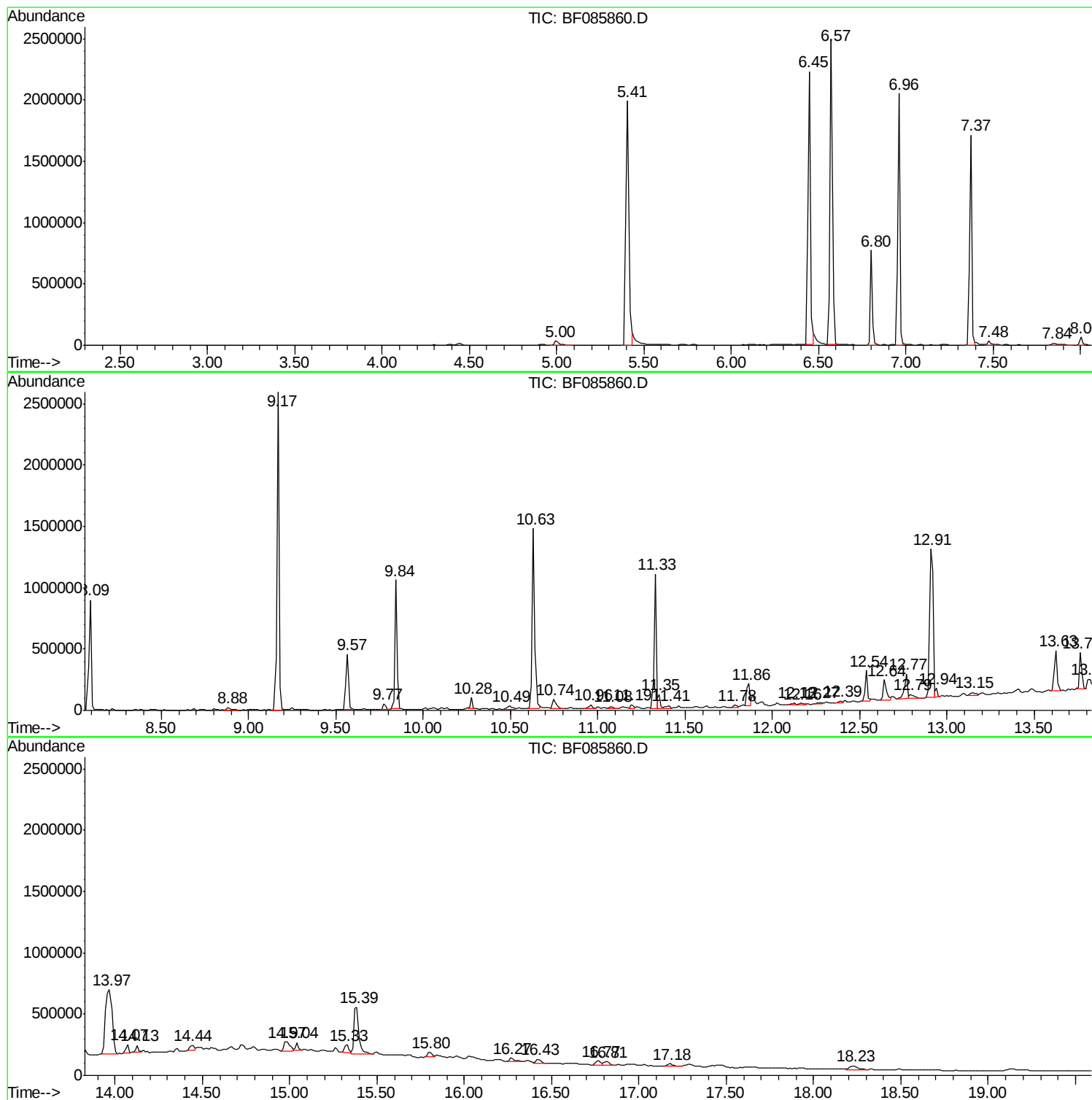
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
TP-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 29 Mar 2016 20:33  
Operator : UM/SJ  
Sample : H1970-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

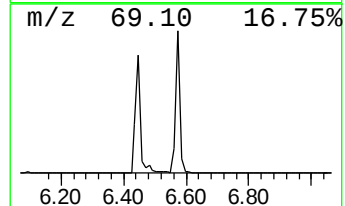
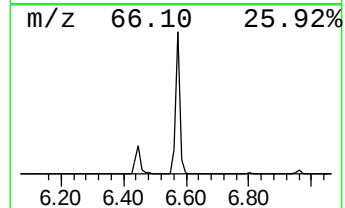
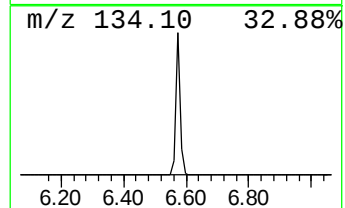
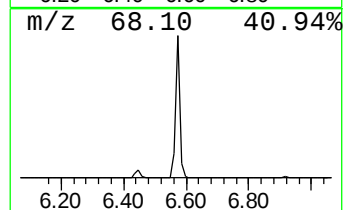
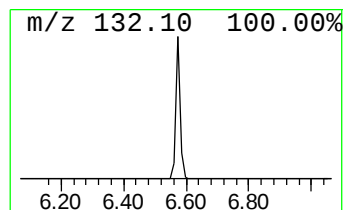
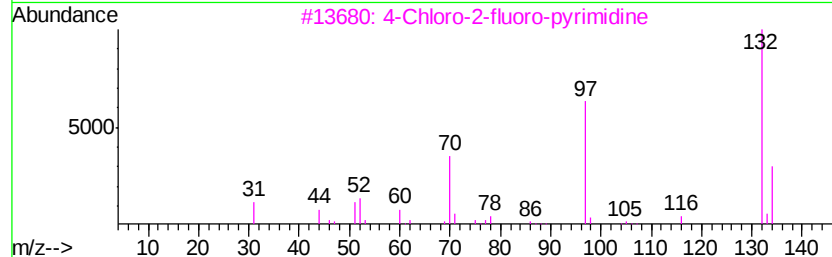
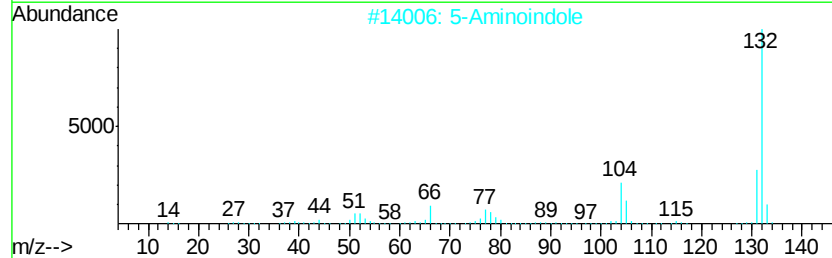
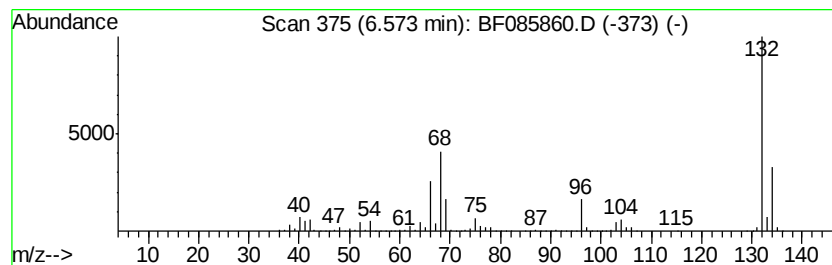
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.57 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.57 | 66.11 ng | 2200590 | 1,4-Dichlorobenzene-d4 | 6.80 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|---|------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    |   | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 12   |
| 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    |    |   | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
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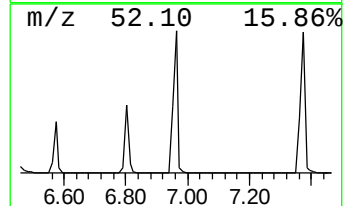
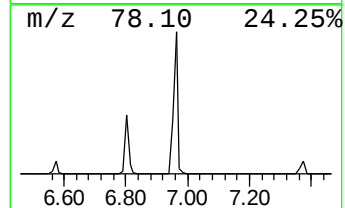
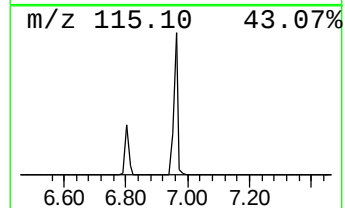
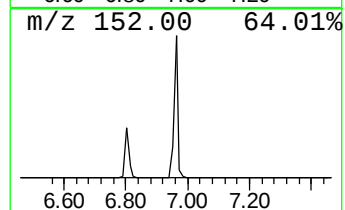
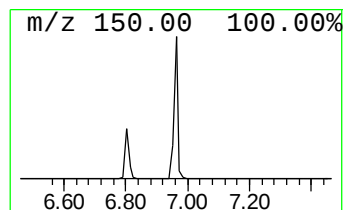
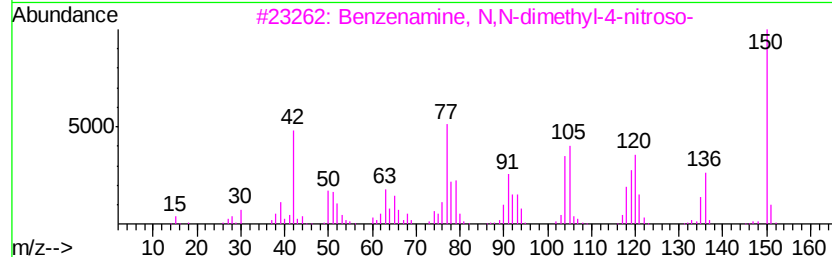
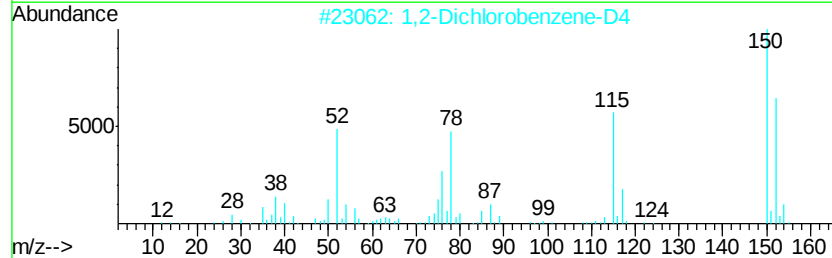
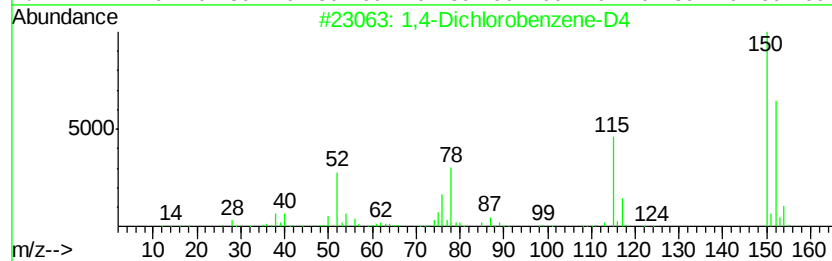
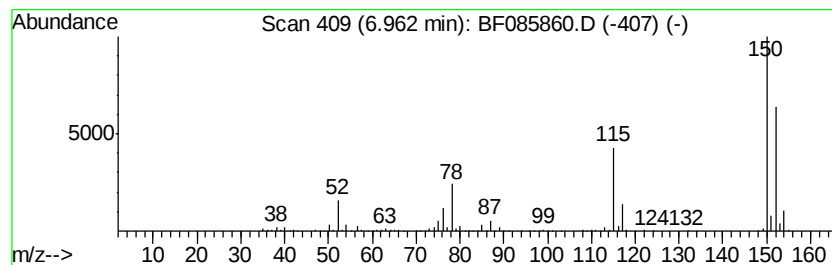
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown6.96 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.96 | 56.83 ng | 1891830 | 1,4-Dichlorobenzene-d4 | 6.80 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1,4-Dichlorobenzene-D4              | 150 | C6D4Cl2     | 003855-82-1  | 94   |
| 2    |    |   | 1,2-Dichlorobenzene-D4              | 150 | C6D4Cl2     | 002199-69-1  | 91   |
| 3    |    |   | Benzenamine, N,N-dimethyl-4-nitr... | 150 | C8H10N2O    | 000138-89-6  | 32   |
| 4    |    |   | 2-Bromo-2'-nitroacetophenone        | 243 | C8H6BrNO3   | 006851-99-6  | 17   |
| 5    |    |   | 2,3,5-Tri-O-p-nitrobenzoyl-.alph... | 606 | C27H18N4O13 | 1000129-91-5 | 16   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

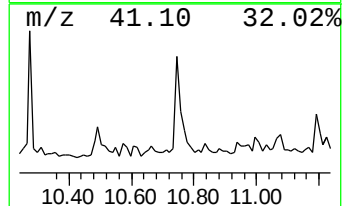
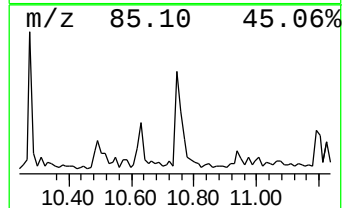
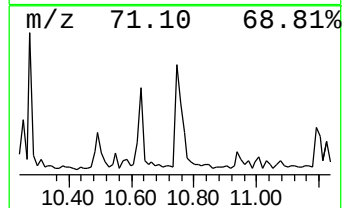
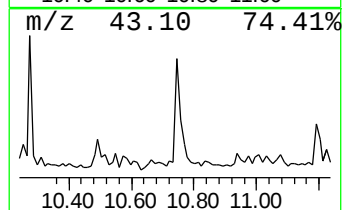
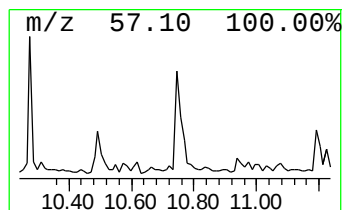
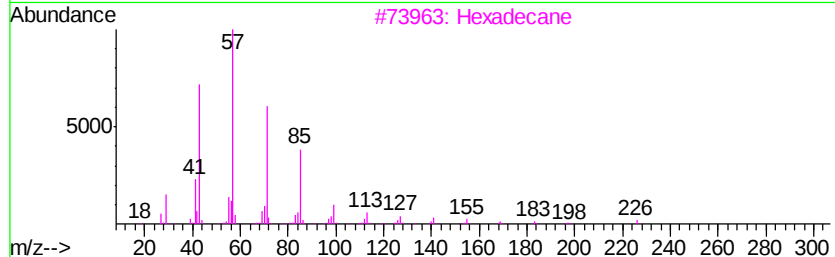
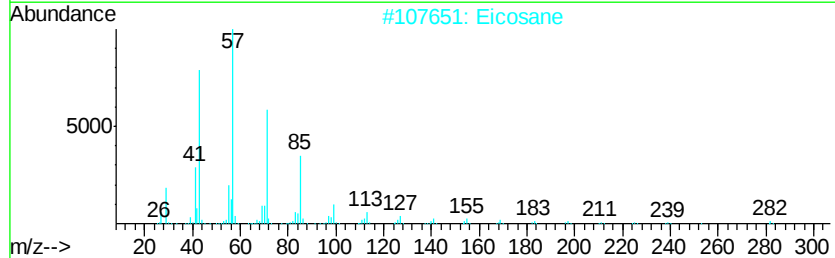
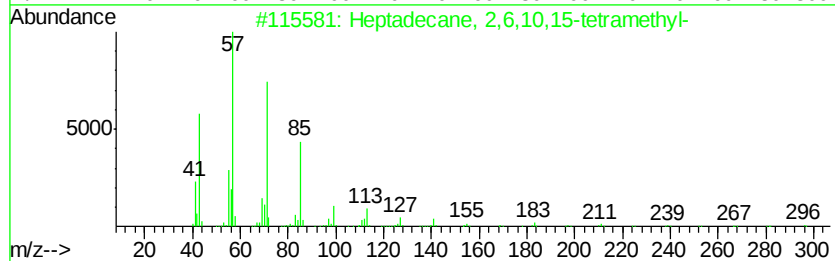
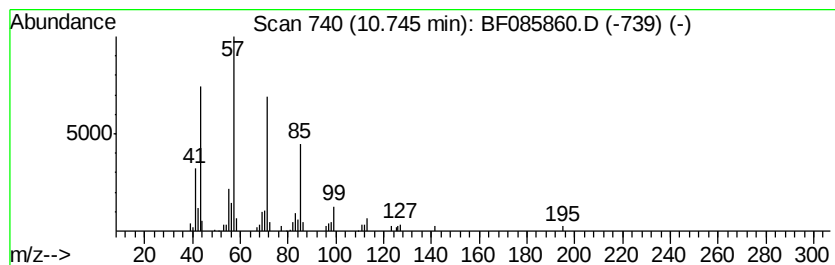
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.74 | 2.17 ng | 104011 | Phenanthrene-d10 | 11.33 |

| Hit# of | 5                                   | Tentative ID | MW     | MolForm | CAS#        | Qual |
|---------|-------------------------------------|--------------|--------|---------|-------------|------|
| 1       | Heptadecane, 2,6,10,15-tetramethyl- | 296          | C21H44 |         | 054833-48-6 | 87   |
| 2       | Eicosane                            | 282          | C20H42 |         | 000112-95-8 | 86   |
| 3       | Hexadecane                          | 226          | C16H34 |         | 000544-76-3 | 86   |
| 4       | Nonadecane                          | 268          | C19H40 |         | 000629-92-5 | 86   |
| 5       | Heneicosane                         | 296          | C21H44 |         | 000629-94-7 | 86   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

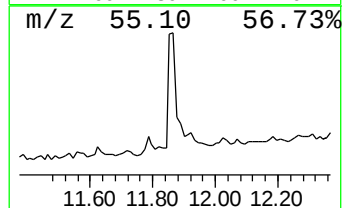
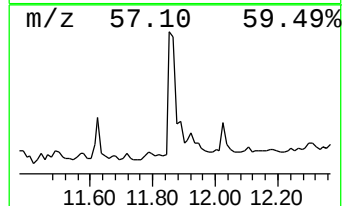
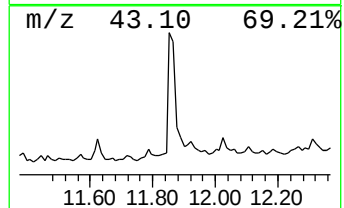
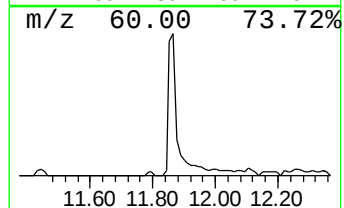
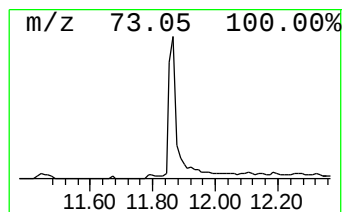
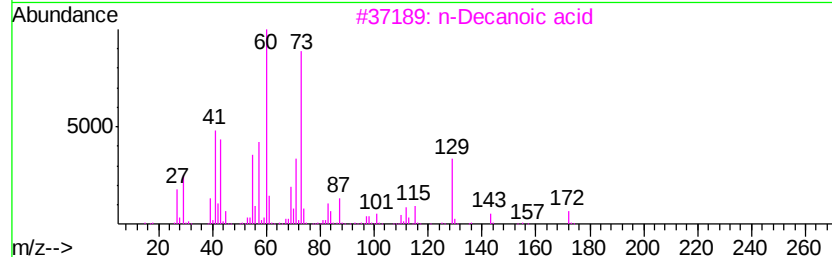
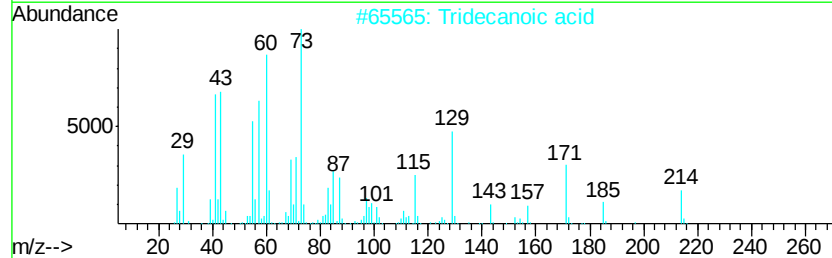
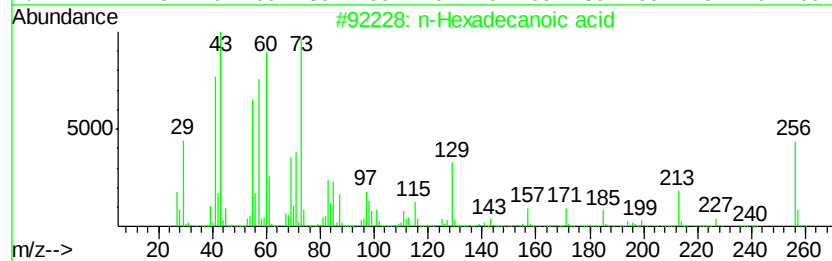
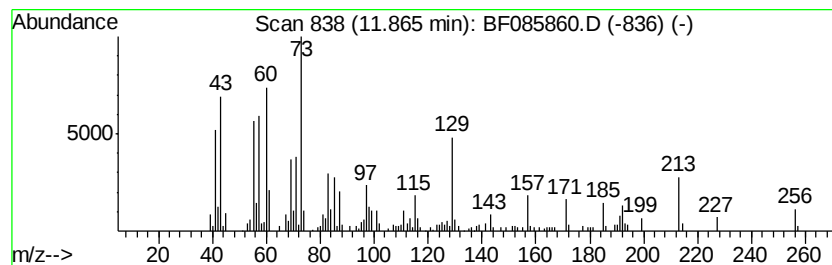
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD |  | R.T.  |
|-------|---------|--------|------------------|--|-------|
| 11.87 | 5.34 ng | 256276 | Phenanthrene-d10 |  | 11.33 |

| Hit# of | 5                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|---------------------|--------------|----------|-------------|------|------|
| 1       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 97   |      |
| 2       | Tridecanoic acid    | 214          | C13H26O2 | 000638-53-9 | 94   |      |
| 3       | n-Decanoic acid     | 172          | C10H20O2 | 000334-48-5 | 64   |      |
| 4       | Tetradecanoic acid  | 228          | C14H28O2 | 000544-63-8 | 64   |      |
| 5       | Pentadecanoic acid  | 242          | C15H30O2 | 001002-84-2 | 58   |      |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032916\  
Data File : BF085860.D  
Acq On : 29 Mar 2016 20:33  
Operator : UM/SJ  
Sample : H1970-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

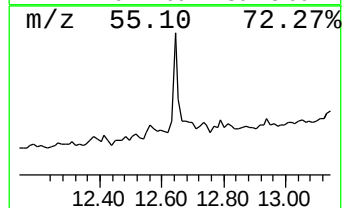
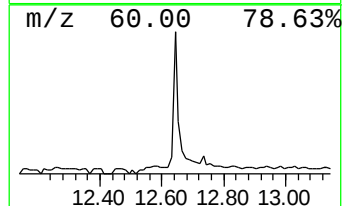
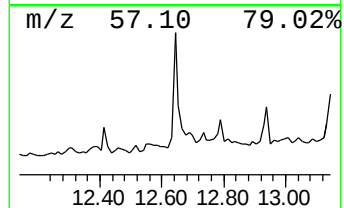
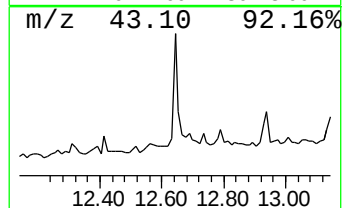
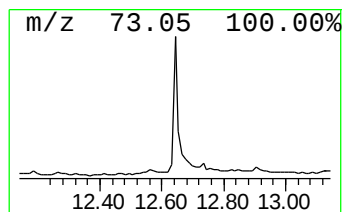
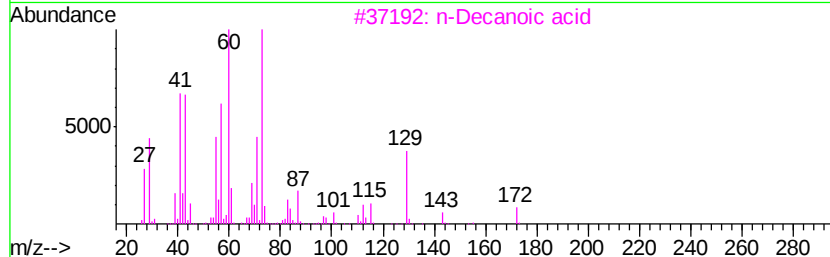
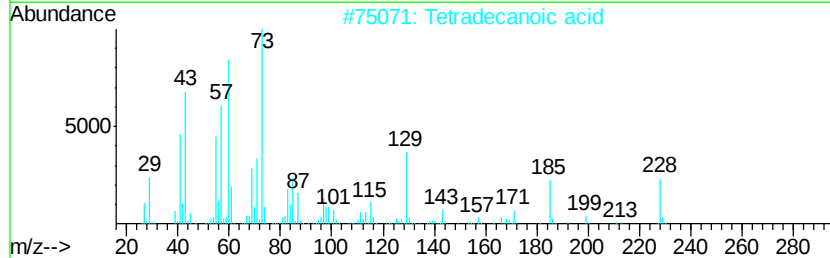
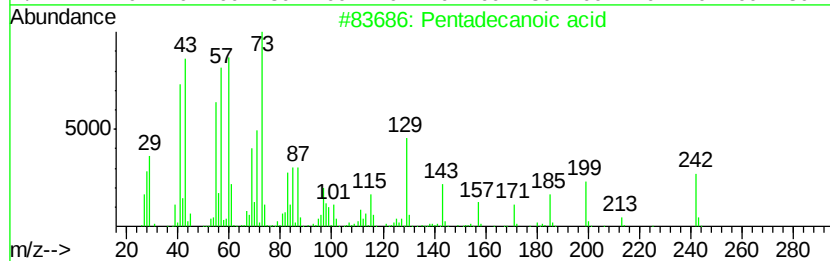
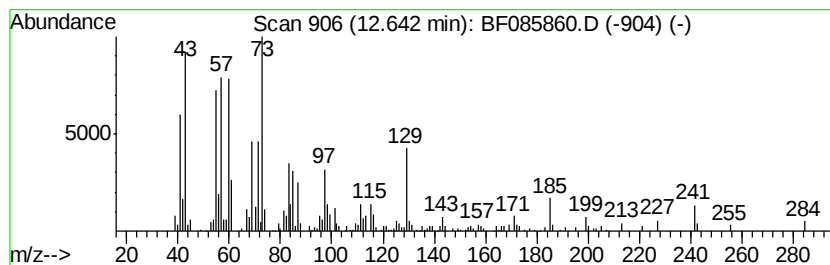
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Pentadecanoic acid Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.64 | 4.15 ng | 199241 | Phenanthrene-d10 | 11.33 |

| Hit# of 5 | Tentative ID         | MW  | MolForm  | CAS#         | Qual |
|-----------|----------------------|-----|----------|--------------|------|
| 1         | Pentadecanoic acid   | 242 | C15H30O2 | 001002-84-2  | 90   |
| 2         | Tetradecanoic acid   | 228 | C14H28O2 | 000544-63-8  | 80   |
| 3         | n-Decanoic acid      | 172 | C10H20O2 | 000334-48-5  | 68   |
| 4         | Tridecanoic acid     | 214 | C13H26O2 | 000638-53-9  | 46   |
| 5         | 5-Acetoxypentadecane | 270 | C17H34O2 | 1000245-62-3 | 14   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032916\  
Data File : BF085860.D  
Acq On : 29 Mar 2016 20:33  
Operator : UM/SJ  
Sample : H1970-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

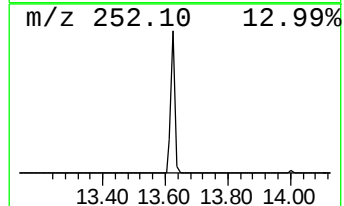
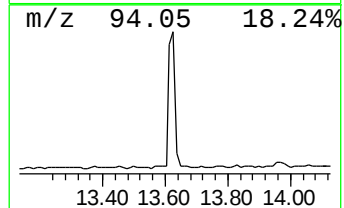
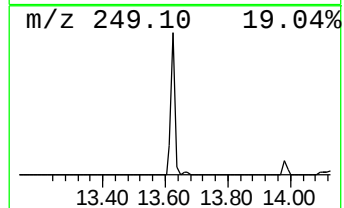
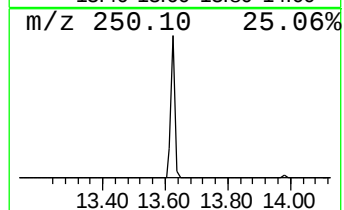
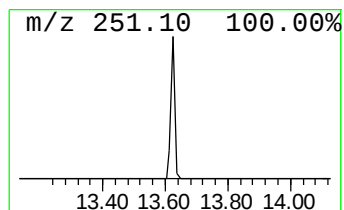
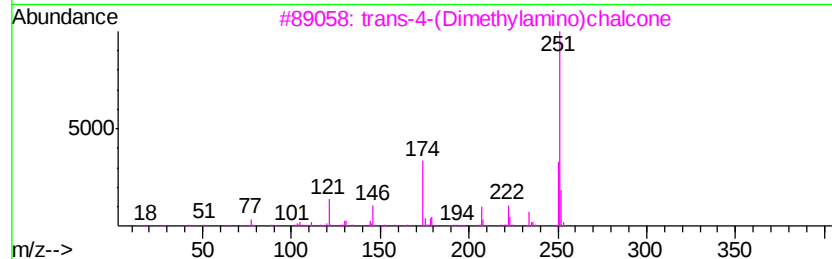
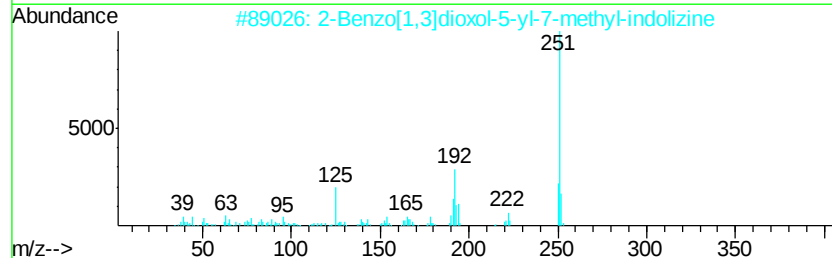
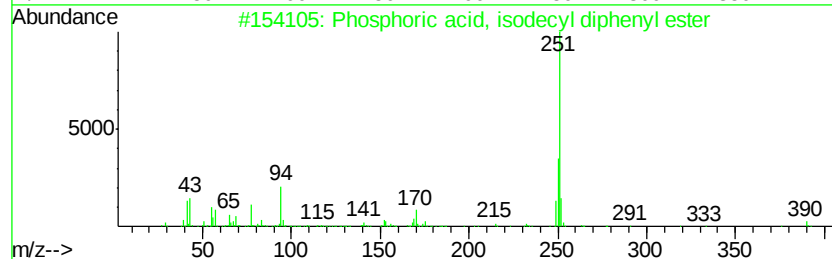
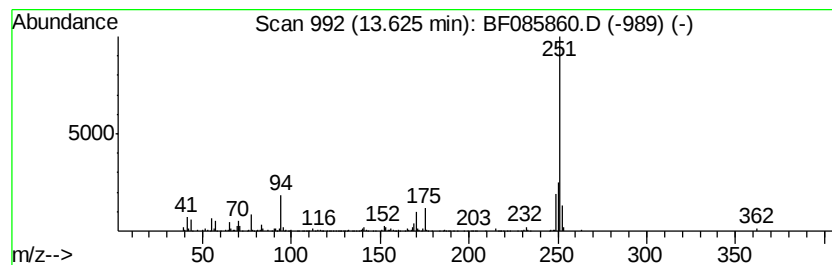
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Phosphoric acid, isodecyl d... Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.63 | 5.85 ng | 389156 | Chrysene-d12     | 13.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Phosphoric acid, isodecyl diphen... | 390 | C22H31O4P | 029761-21-5  | 53   |
| 2    |    | 2-Benzo[1,3]dioxol-5-yl-7-methyl... | 251 | C16H13N02 | 1000274-75-9 | 50   |
| 3    |    | trans-4-(Dimethylamino)chalcone     | 251 | C17H17NO  | 022965-98-6  | 50   |
| 4    |    | 2H-1,3,4-Benzotriazepin-2-one, 1... | 251 | C15H13N3O | 002855-57-4  | 40   |
| 5    |    | 7-Amino-2,3-dihydro-5-phenyl-1H-... | 251 | C15H13N3O | 004928-02-3  | 33   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032916\  
Data File : BF085860.D  
Acq On : 29 Mar 2016 20:33  
Operator : UM/SJ  
Sample : H1970-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

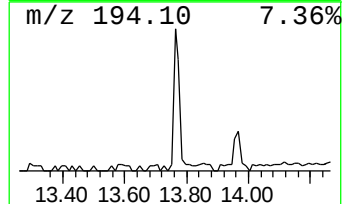
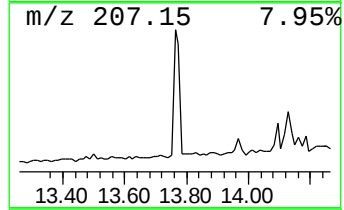
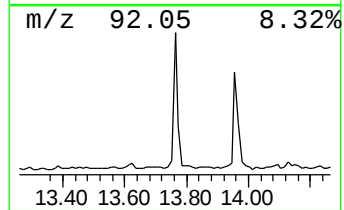
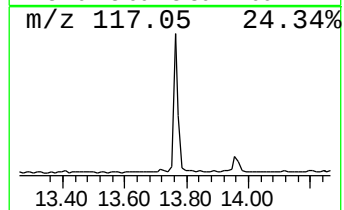
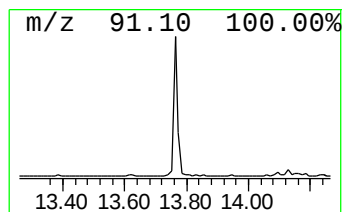
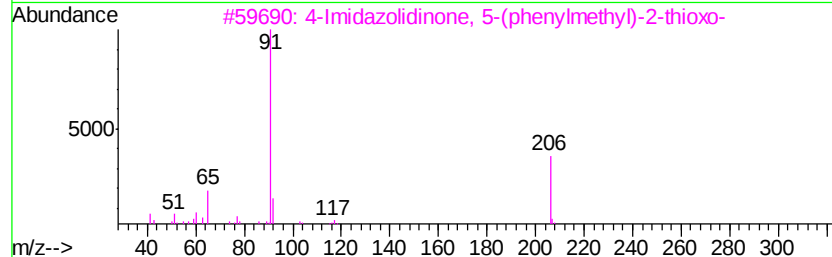
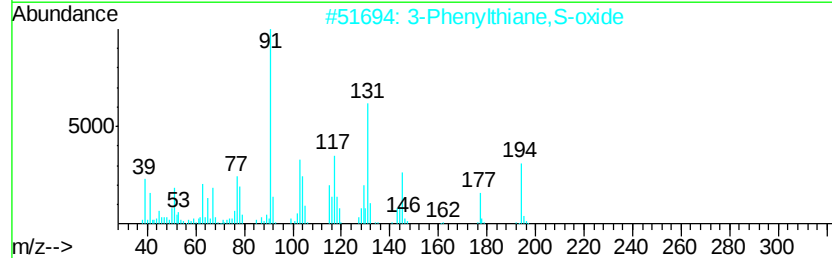
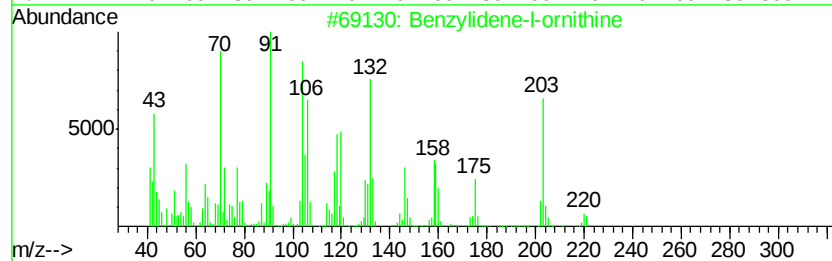
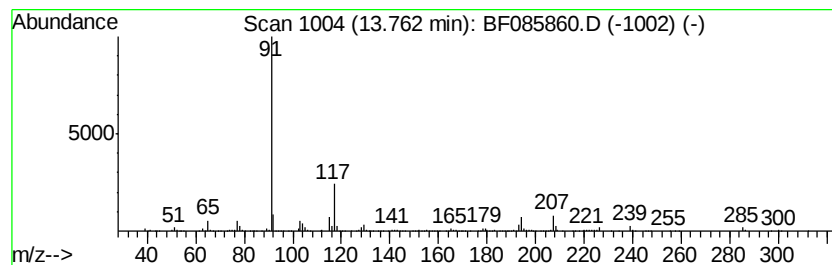
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown13.76 Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.76 | 4.42 ng | 293581 | Chrysene-d12     | 13.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Benzyldiene-l-ornithine             | 220 | C12H16N2O2 | 025693-00-9 | 37   |
| 2    |    | 3-Phenylthiane,S-oxide              | 194 | C11H14OS   | 058121-26-9 | 35   |
| 3    |    | 4-Imidazolidinone, 5-(phenylmeth... | 206 | C10H10N2OS | 006330-09-2 | 25   |
| 4    |    | Anisole, 2-(benzyloxy)-5-(2-nitr... | 285 | C16H15NO4  | 001860-56-6 | 22   |
| 5    |    | Benzene, 2-benzyloxy-1-methoxy-4... | 285 | C16H15NO4  | 063909-29-5 | 22   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032916\  
Data File : BF085860.D  
Acq On : 29 Mar 2016 20:33  
Operator : UM/SJ  
Sample : H1970-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

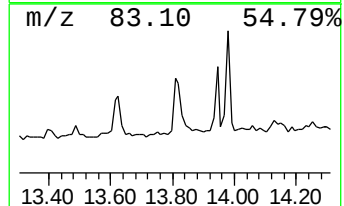
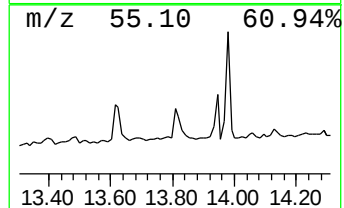
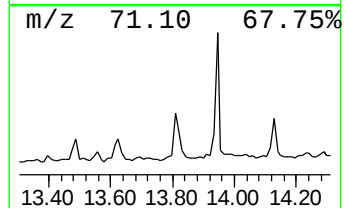
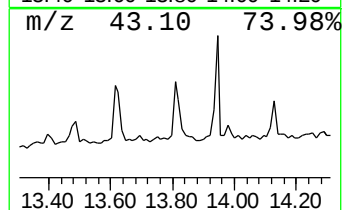
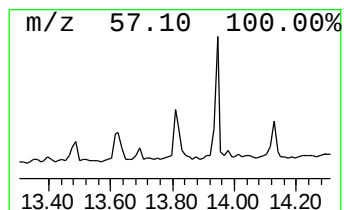
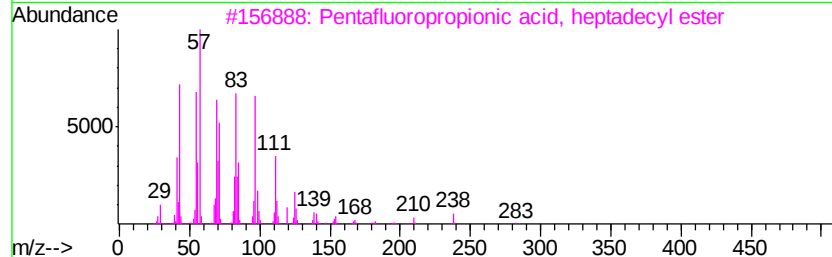
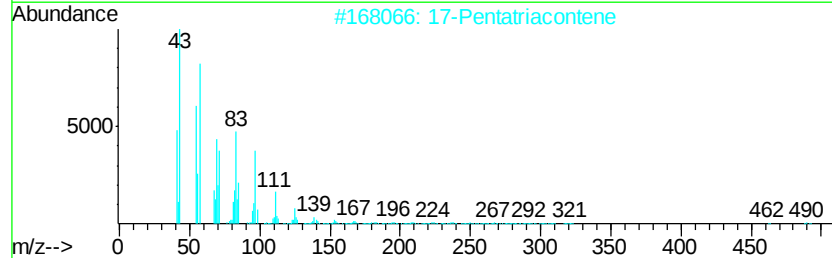
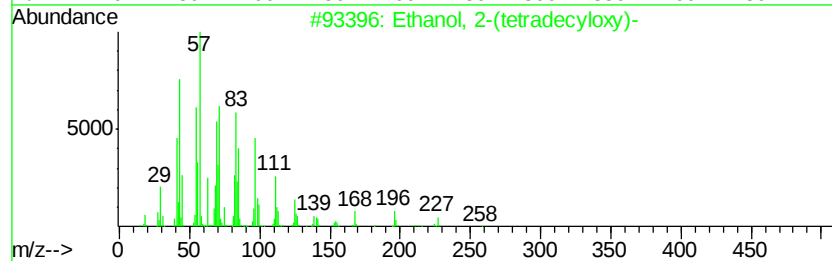
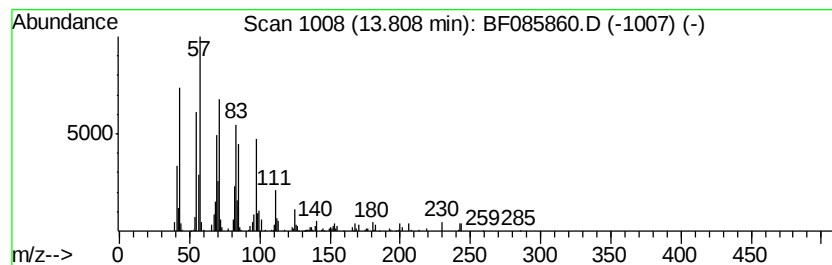
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.81 | 2.12 ng | 141099 | Chrysene-d12     | 13.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2    | 002136-70-1  | 68   |
| 2    |    | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0  | 62   |
| 3    |    | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2  | 1000283-04-2 | 62   |
| 4    |    | 1-Docosene                          | 308 | C22H44      | 001599-67-3  | 60   |
| 5    |    | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0  | 60   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032916\  
Data File : BF085860.D  
Acq On : 29 Mar 2016 20:33  
Operator : UM/SJ  
Sample : H1970-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

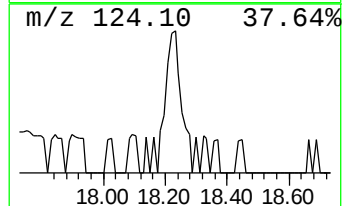
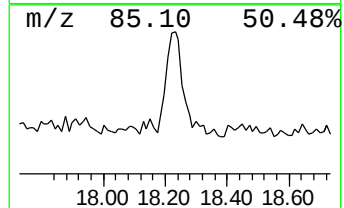
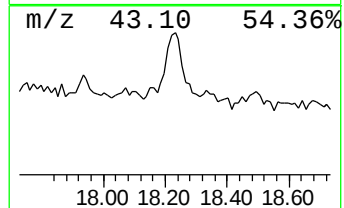
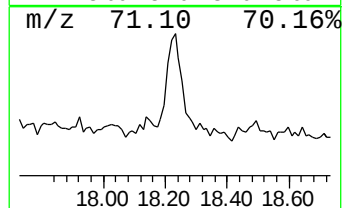
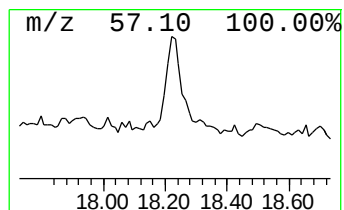
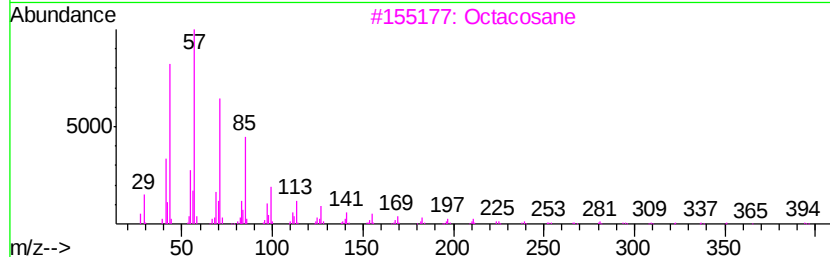
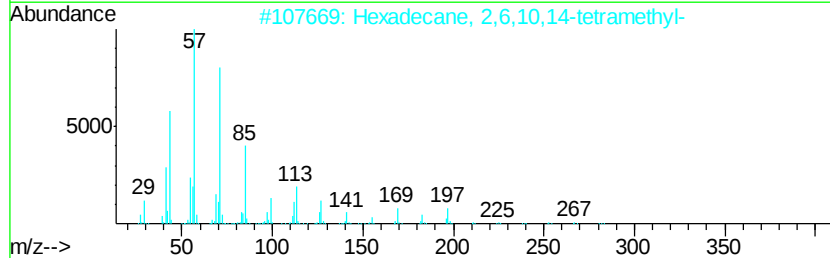
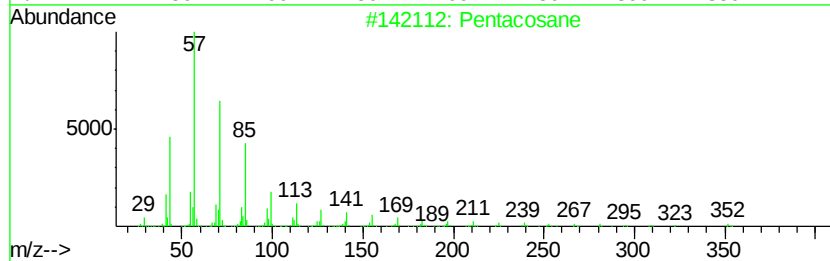
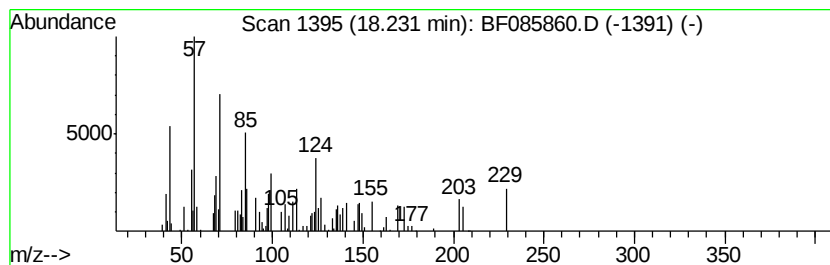
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown18.23 Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 18.23 | 2.51 ng | 90413 | Perylene-d12     | 15.39 |

| Hit# of | 5                                  | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------------------------|--------------|-----|---------|-------------|------|
| 1       | Pentacosane                        |              | 352 | C25H52  | 000629-99-2 | 43   |
| 2       | Hexadecane, 2,6,10,14-tetramethyl- |              | 282 | C20H42  | 000638-36-8 | 38   |
| 3       | Octacosane                         |              | 394 | C28H58  | 000630-02-4 | 38   |
| 4       | Hexadecane                         |              | 226 | C16H34  | 000544-76-3 | 35   |
| 5       | Heptadecane                        |              | 240 | C17H36  | 000629-78-7 | 35   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032916\  
Data File : BF085860.D  
Acq On : 29 Mar 2016 20:33  
Operator : UM/SJ  
Sample : H1970-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown6.57          | 6.57  | 66.1    | ng    | 2200590  | 1                     | 6.80  | 665759  | 20.0 |
| unknown6.96          | 6.96  | 56.8    | ng    | 1891830  | 1                     | 6.80  | 665759  | 20.0 |
| Heptadecane, 2,6,... | 10.74 | 2.2     | ng    | 104011   | 4                     | 11.33 | 960073  | 20.0 |
| n-Hexadecanoic acid  | 11.87 | 5.3     | ng    | 256276   | 4                     | 11.33 | 960073  | 20.0 |
| Pentadecanoic acid   | 12.64 | 4.2     | ng    | 199241   | 4                     | 11.33 | 960073  | 20.0 |
| Phosphoric acid, ... | 13.63 | 5.8     | ng    | 389156   | 5                     | 13.97 | 1329860 | 20.0 |
| unknown13.76         | 13.76 | 4.4     | ng    | 293581   | 5                     | 13.97 | 1329860 | 20.0 |
| Ethanol, 2-(tetra... | 13.81 | 2.1     | ng    | 141099   | 5                     | 13.97 | 1329860 | 20.0 |
| unknown18.23         | 18.23 | 2.5     | ng    | 90413    | 6                     | 15.39 | 719075  | 20.0 |