

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\  
 Data File : BF088932.D  
 Acq On : 12 Jul 2016 21:28  
 Operator : UM/SJ  
 Sample : H3889-10 4X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-10

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-BF063016.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         | 1.793       | 16            | 18          | 38           | rVB      | 723332         | 1137420       | 100.00%         | 13.244%       |
| 2         | 5.290       | 321           | 324         | 326          | rBV      | 195316         | 194651        | 17.11%          | 2.266%        |
| 3         | 6.342       | 414           | 416         | 419          | rVB      | 315488         | 264126        | 23.22%          | 3.075%        |
| 4         | 6.467       | 425           | 427         | 429          | rVB      | 309774         | 250430        | 22.02%          | 2.916%        |
| 5         | 6.696       | 445           | 447         | 449          | rBV      | 342076         | 455349        | 40.03%          | 5.302%        |
| 6         | 6.856       | 458           | 461         | 463          | rBV      | 211959         | 178527        | 15.70%          | 2.079%        |
| 7         | 7.267       | 494           | 497         | 499          | rBV      | 138154         | 155768        | 13.69%          | 1.814%        |
| 8         | 7.987       | 558           | 560         | 562          | rVB      | 749448         | 605543        | 53.24%          | 7.051%        |
| 9         | 8.696       | 617           | 622         | 625          | rBV2     | 11918          | 18918         | 1.66%           | 0.220%        |
| 10        | 8.753       | 625           | 627         | 632          | rBV      | 96378          | 113697        | 10.00%          | 1.324%        |
| 11        | 9.062       | 652           | 654         | 657          | rBV      | 390722         | 352086        | 30.95%          | 4.100%        |
| 12        | 9.462       | 687           | 689         | 691          | rVB      | 311275         | 245320        | 21.57%          | 2.856%        |
| 13        | 9.553       | 695           | 697         | 699          | rBV      | 18597          | 30480         | 2.68%           | 0.355%        |
| 14        | 9.736       | 711           | 713         | 715          | rBV      | 645804         | 574026        | 50.47%          | 6.684%        |
| 15        | 10.513      | 779           | 781         | 783          | rBV2     | 151944         | 199936        | 17.58%          | 2.328%        |
| 16        | 10.571      | 783           | 786         | 788          | rVB2     | 34327          | 40321         | 3.54%           | 0.469%        |
| 17        | 10.651      | 792           | 793         | 796          | rBV      | 22173          | 36097         | 3.17%           | 0.420%        |
| 18        | 10.971      | 818           | 821         | 824          | rBV      | 116421         | 157883        | 13.88%          | 1.838%        |
| 19        | 11.108      | 830           | 833         | 834          | rBV      | 38258          | 56219         | 4.94%           | 0.655%        |
| 20        | 11.211      | 840           | 842         | 846          | rBV      | 467349         | 498555        | 43.83%          | 5.805%        |
| 21        | 11.291      | 846           | 849         | 850          | rVV2     | 42324          | 61829         | 5.44%           | 0.720%        |
| 22        | 11.451      | 860           | 863         | 865          | rBV2     | 49916          | 93171         | 8.19%           | 1.085%        |
| 23        | 11.531      | 868           | 870         | 872          | rBV      | 54332          | 70764         | 6.22%           | 0.824%        |
| 24        | 11.771      | 889           | 891         | 893          | rBV      | 148188         | 196857        | 17.31%          | 2.292%        |
| 25        | 12.194      | 926           | 928         | 929          | rBV      | 140324         | 165053        | 14.51%          | 1.922%        |
| 26        | 12.422      | 946           | 948         | 950          | rBV      | 183755         | 232768        | 20.46%          | 2.710%        |
| 27        | 12.799      | 979           | 981         | 984          | rBV      | 298817         | 352639        | 31.00%          | 4.106%        |
| 28        | 13.851      | 1071          | 1073        | 1079         | rBV2     | 575562         | 634777        | 55.81%          | 7.391%        |
| 29        | 15.234      | 1192          | 1194        | 1199         | rVB      | 340030         | 604275        | 53.13%          | 7.036%        |
| 30        | 15.451      | 1211          | 1213        | 1215         | rVB      | 169635         | 216606        | 19.04%          | 2.522%        |
| 31        | 17.028      | 1349          | 1351        | 1357         | rVB2     | 86466          | 189982        | 16.70%          | 2.212%        |
| 32        | 17.931      | 1426          | 1430        | 1435         | rVB      | 76740          | 204255        | 17.96%          | 2.378%        |

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SS-10

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-BF063016.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

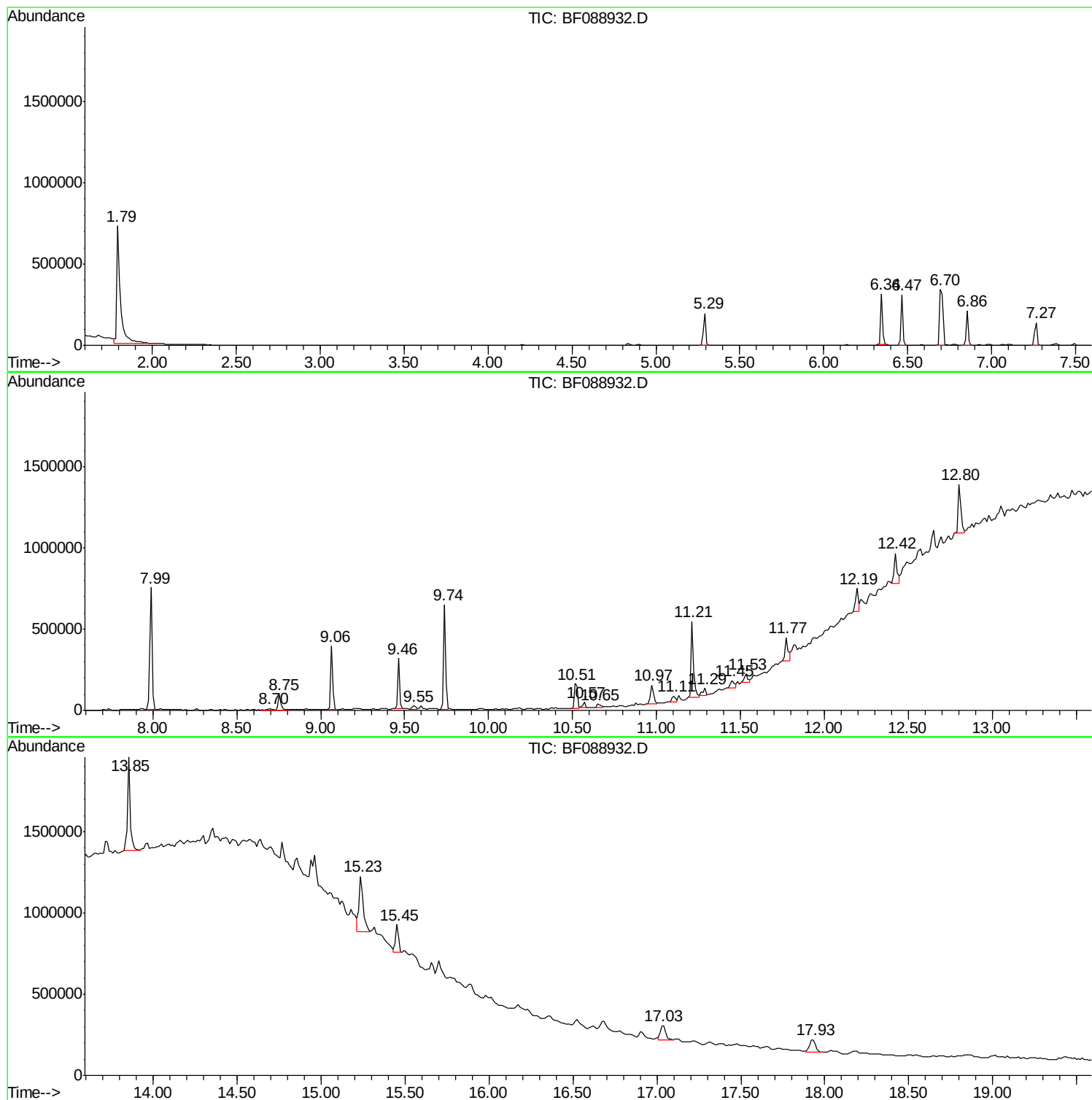
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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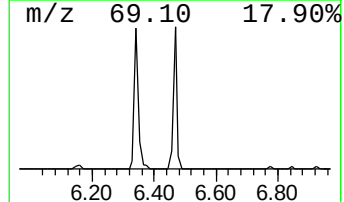
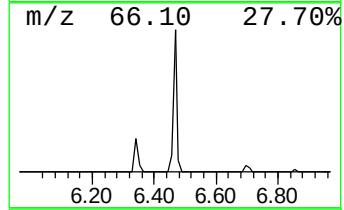
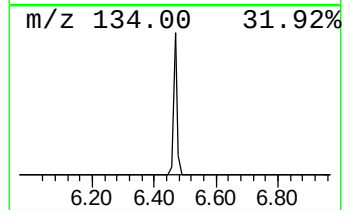
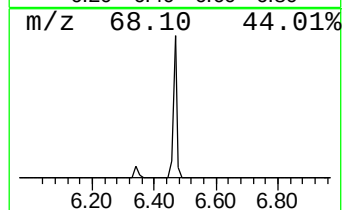
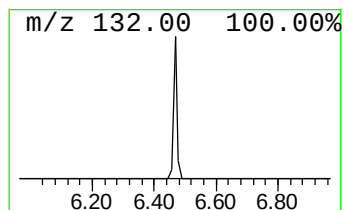
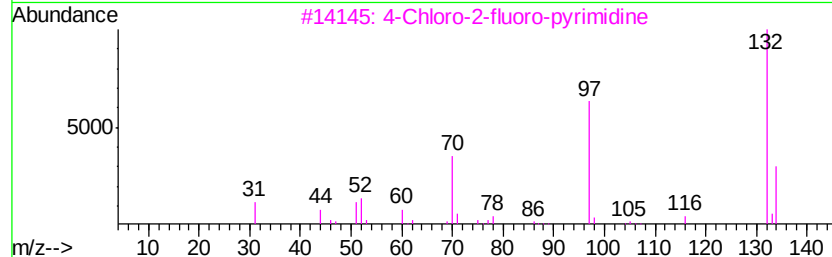
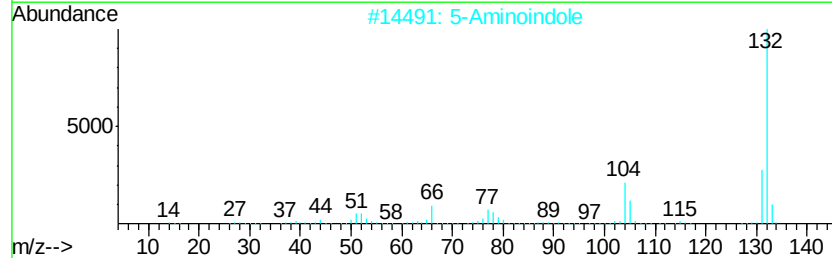
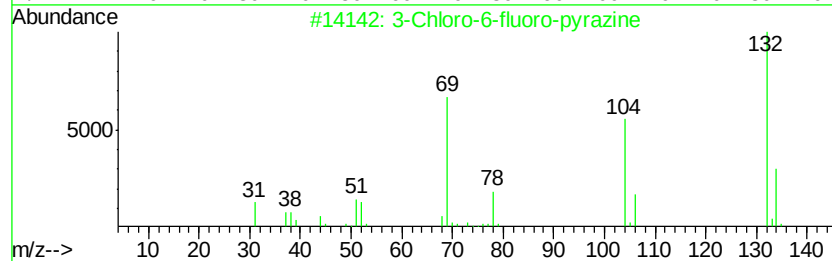
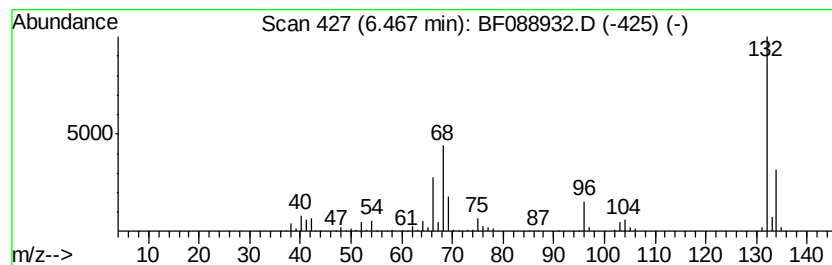
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.47 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.47 | 11.00 ng | 250430 | 1,4-Dichlorobenzene-d4 | 6.71 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|---|----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    |   | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 4    |    |   | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 5    |    |   | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

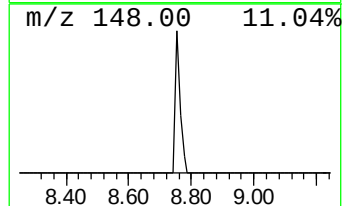
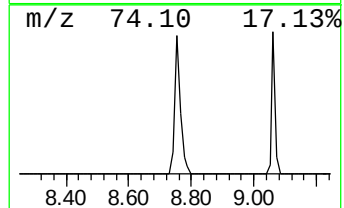
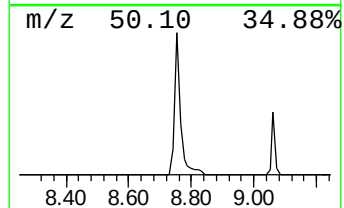
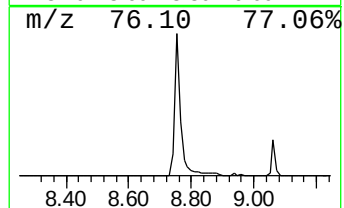
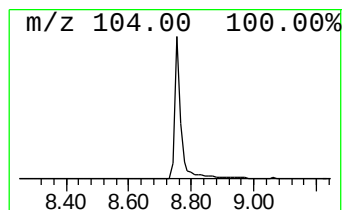
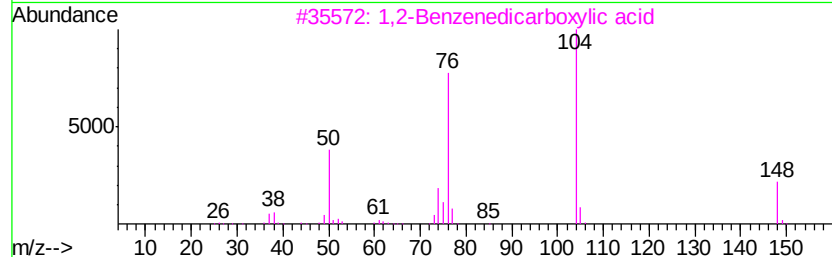
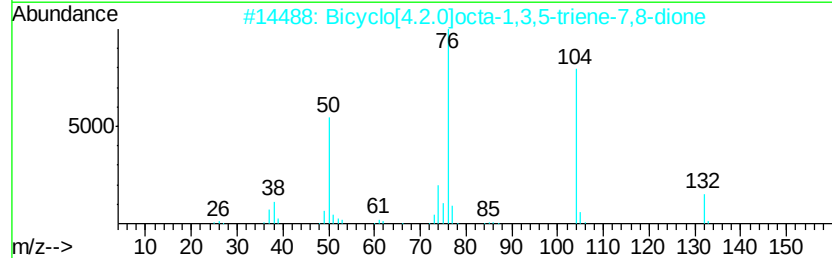
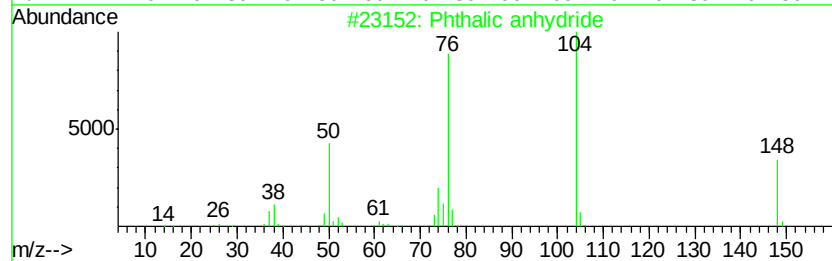
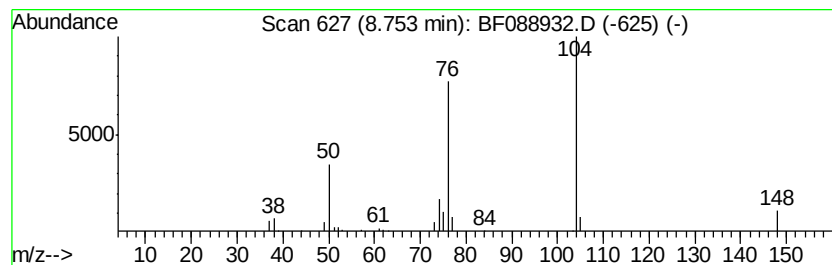
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Phthalic anhydride Concentration Rank 10

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.75 | 3.76 ng | 113697 | Naphthalene-d8   | 7.99 |

| Hit# | of | Tentative ID                         | MW  | MolForm     | CAS#        | Qual |
|------|----|--------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | Phthalic anhydride                   | 148 | C8H4O3      | 000085-44-9 | 95   |
| 2    |    | Bicyclo[4.2.0]octa-1,3,5-triene-...  | 132 | C8H4O2      | 006383-11-5 | 86   |
| 3    |    | 1,2-Benzenedicarboxylic acid         | 166 | C8H6O4      | 000088-99-3 | 83   |
| 4    |    | N-[2-Acetamidoethylthiol]phthalimide | 264 | C12H12N2O3S | 025158-14-9 | 78   |
| 5    |    | Phthalamic acid                      | 165 | C8H7NO3     | 000088-97-1 | 74   |



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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
SS-10

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
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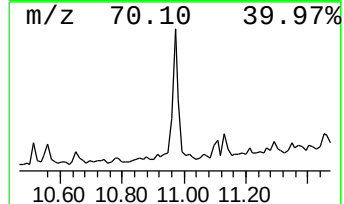
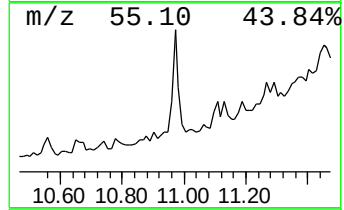
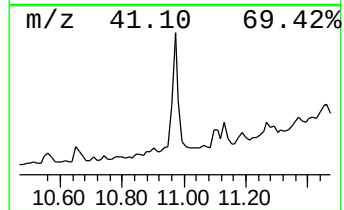
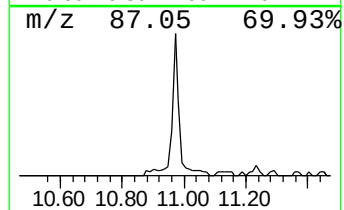
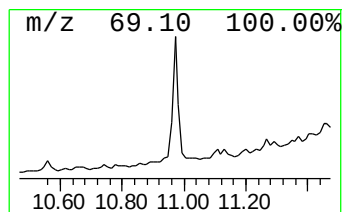
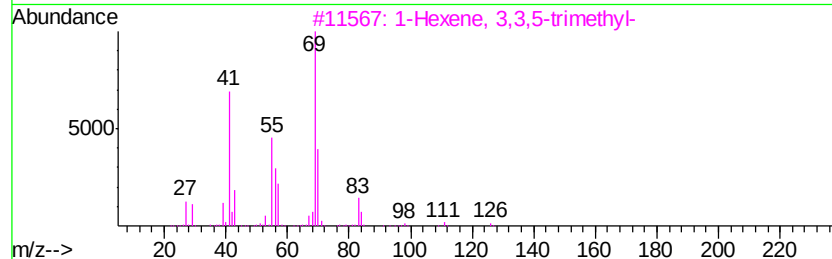
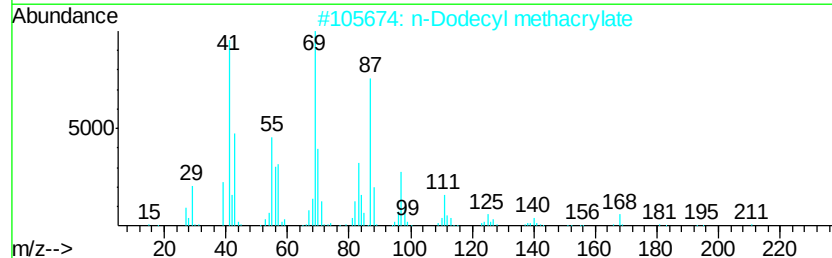
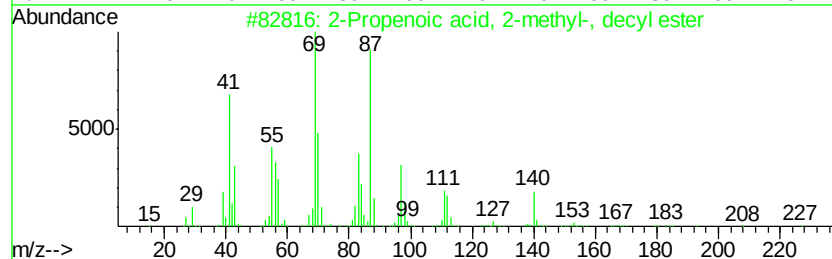
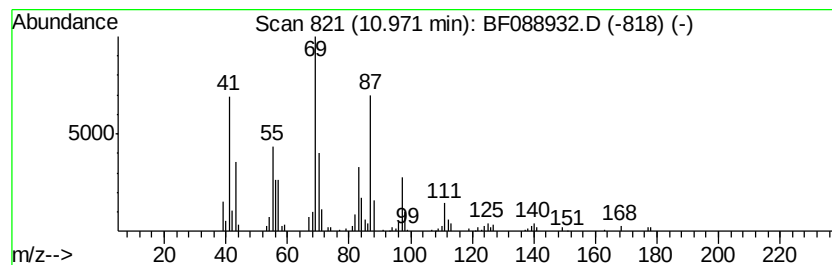
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 2-Propenoic acid, 2-methyl-... Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.97 | 6.33 ng | 157883 | Phenanthrene-d10 | 11.21 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Propenoic acid, 2-methyl-, dec... | 226 | C14H26O2 | 003179-47-3 | 91   |
| 2    |    | n-Dodecyl methacrylate              | 254 | C16H30O2 | 000142-90-5 | 90   |
| 3    |    | 1-Hexene, 3,3,5-trimethyl-          | 126 | C9H18    | 013427-43-5 | 49   |
| 4    |    | 1-Hexene, 3,3-dimethyl-             | 112 | C8H16    | 003404-77-1 | 49   |
| 5    |    | Cyclopentane, (3-methylbutyl)-      | 140 | C10H20   | 001005-68-1 | 49   |



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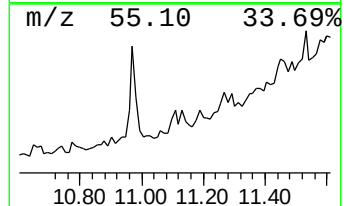
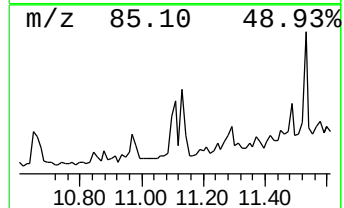
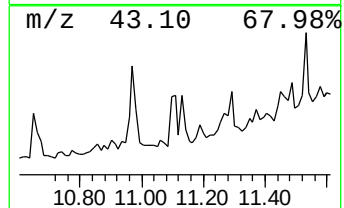
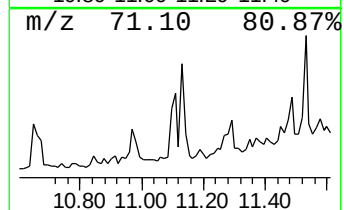
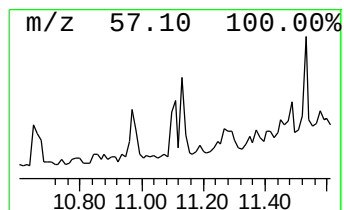
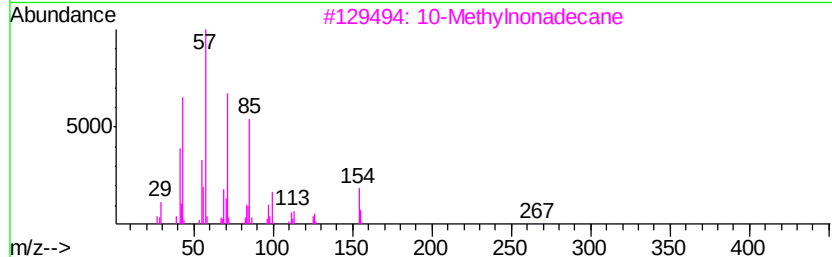
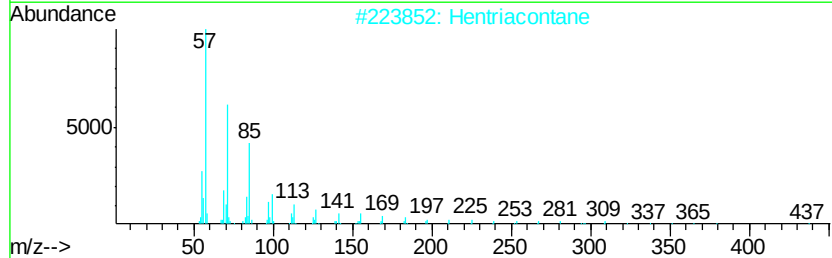
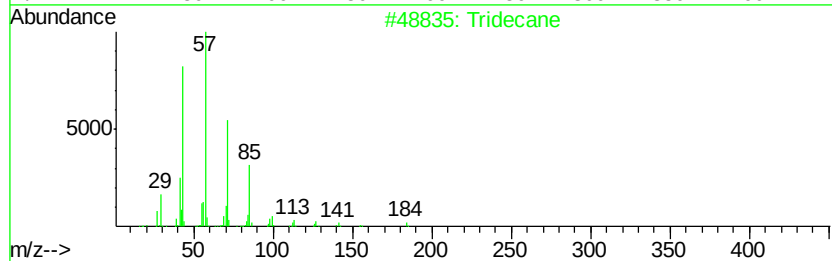
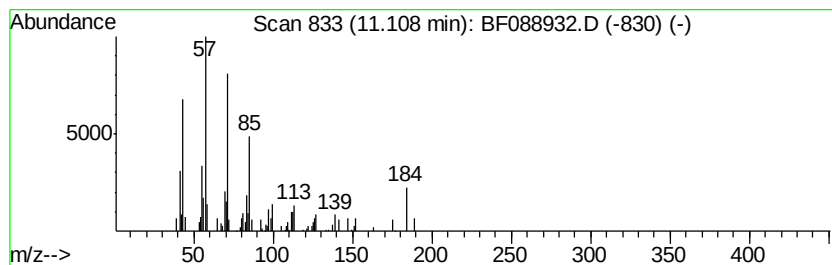
Instrument :  
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TIC Library : C:\Database\NIST11.L  
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\*\*\*\*\*  
Peak Number 6 Tridecane Concentration Rank 14

| R.T.      | EstConc             | Area  | Relative to ISTD |             | R.T.  |
|-----------|---------------------|-------|------------------|-------------|-------|
| 11.11     | 2.26 ng             | 56219 | Phenanthrene-d10 |             | 11.21 |
| Hit# of 5 | Tentative ID        | MW    | MolForm          | CAS#        | Qual  |
| 1         | Tridecane           | 184   | C13H28           | 000629-50-5 | 87    |
| 2         | Hentriacontane      | 437   | C31H64           | 000630-04-6 | 87    |
| 3         | 10-Methylnonadecane | 282   | C20H42           | 056862-62-5 | 87    |
| 4         | Hexatriacontane     | 507   | C36H74           | 000630-06-8 | 83    |
| 5         | Tetratetracontane   | 619   | C44H90           | 007098-22-8 | 83    |



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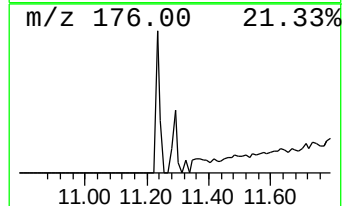
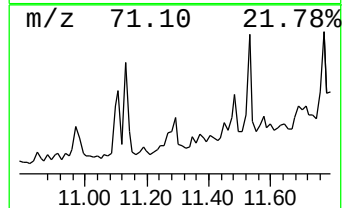
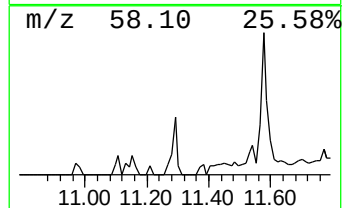
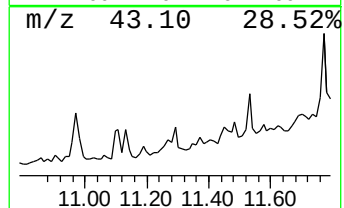
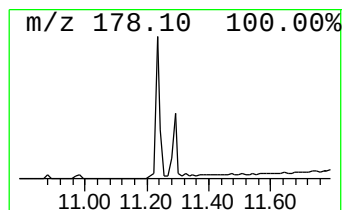
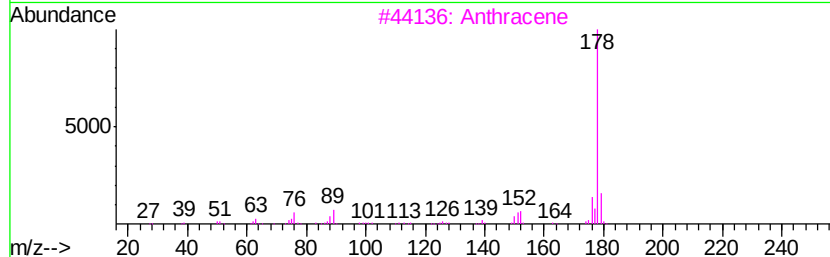
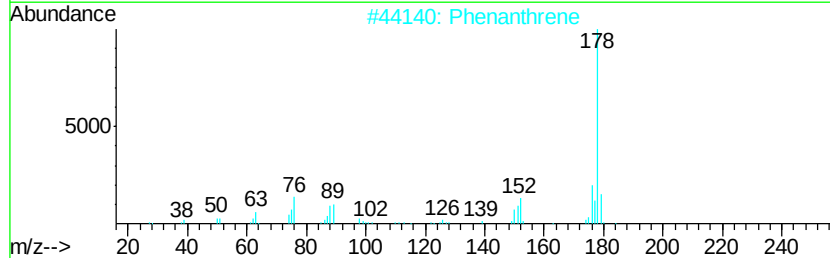
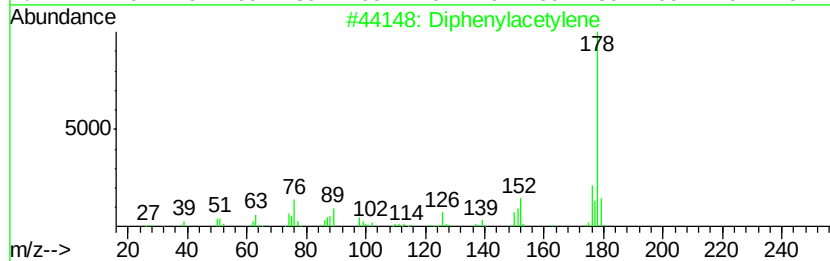
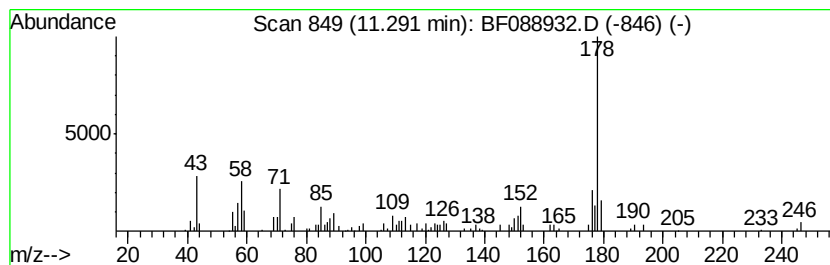
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 Diphenylacetylene Concentration Rank 13

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 11.29     | 2.48 ng                             | 61829 | Phenanthrene-d10 | 11.21       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | Diphenylacetylene                   | 178   | C14H10           | 000501-65-5 | 91   |
| 2         | Phenanthrene                        | 178   | C14H10           | 000085-01-8 | 64   |
| 3         | Anthracene                          | 178   | C14H10           | 000120-12-7 | 64   |
| 4         | 7,8-Diphenylbicyclo[4.2.1]nona-2... | 270   | C21H18           | 054049-09-1 | 53   |
| 5         | 2-Cyclopropen-1-one, 2,3-diphenyl-  | 206   | C15H10O          | 000886-38-4 | 53   |





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\  
Data File : BF088932.D  
Acq On : 12 Jul 2016 21:28  
Operator : UM/SJ  
Sample : H3889-10 4X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

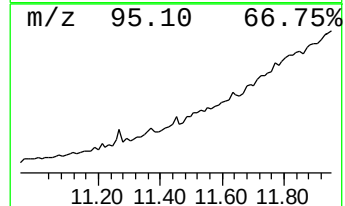
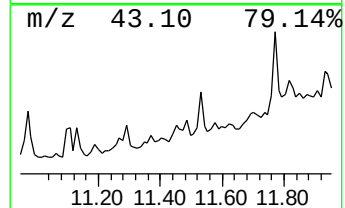
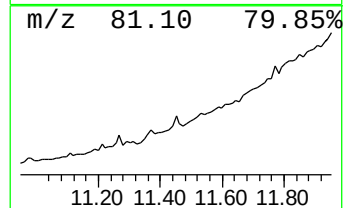
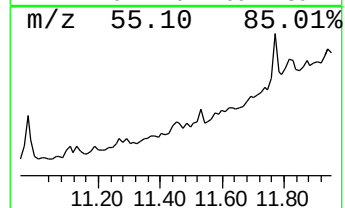
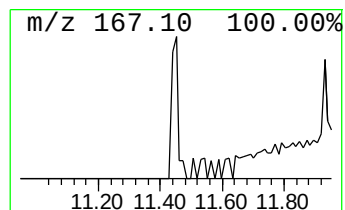
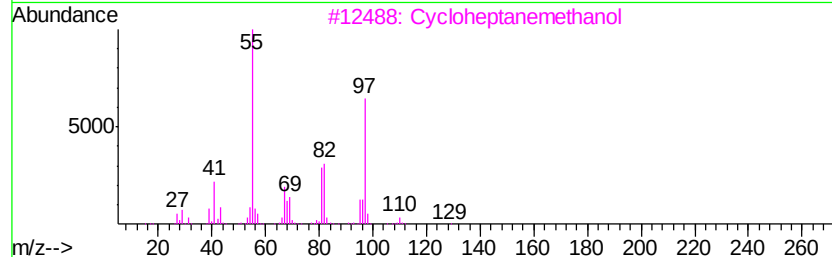
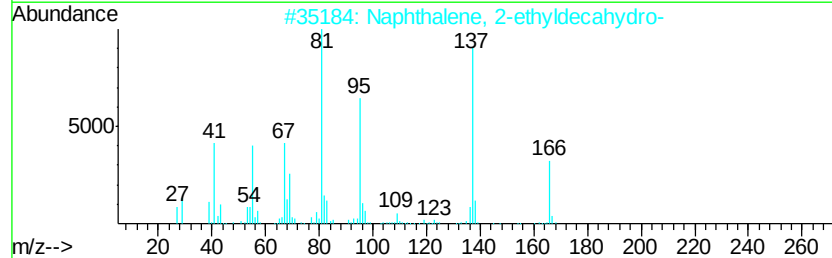
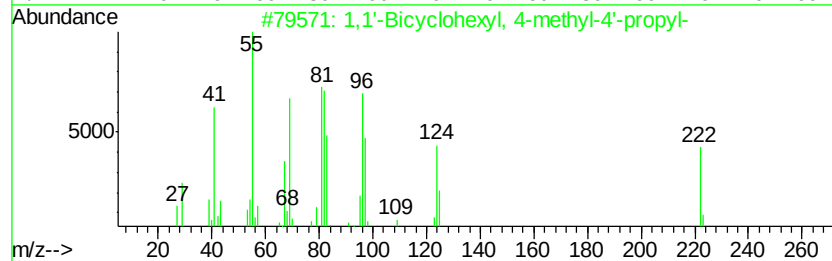
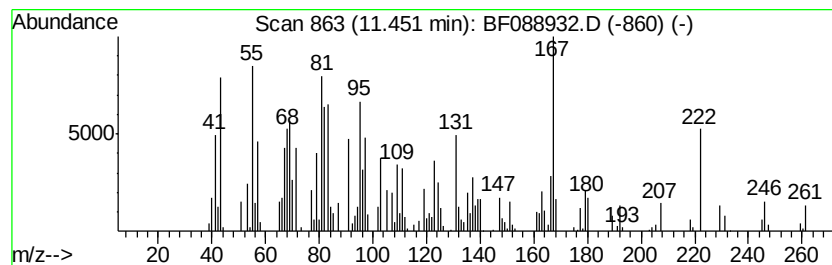
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 unknown11.45 Concentration Rank 11

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 11.45     | 3.74 ng                             | 93171 | Phenanthrene-d10 | 11.21       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | 1,1'-Bicyclohexyl, 4-methyl-4'-p... | 222   | C16H30           | 092343-70-9 | 35   |
| 2         | Naphthalene, 2-ethyldecahydro-      | 166   | C12H22           | 001618-23-1 | 25   |
| 3         | Cycloheptanemethanol                | 128   | C8H16O           | 004448-75-3 | 22   |
| 4         | 9-Octadecyne                        | 250   | C18H34           | 035365-59-4 | 22   |
| 5         | Undec-10-ynoic acid (furan-2-ylm... | 261   | C16H23NO2        | 332167-72-3 | 20   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071216\  
Data File : BF088932.D  
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Sample : H3889-10 4X  
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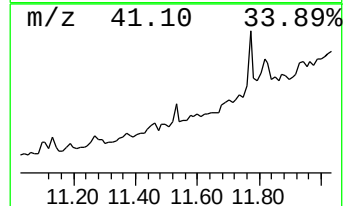
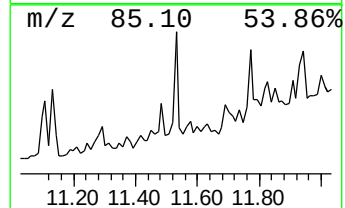
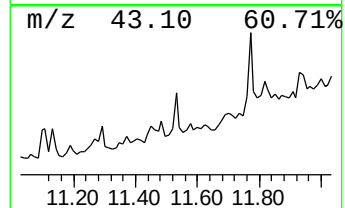
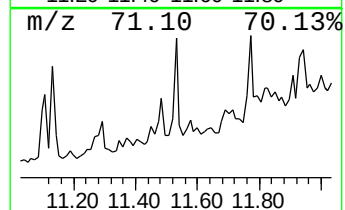
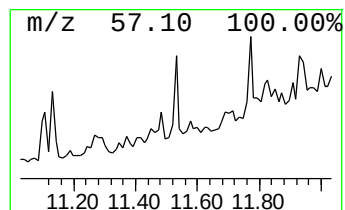
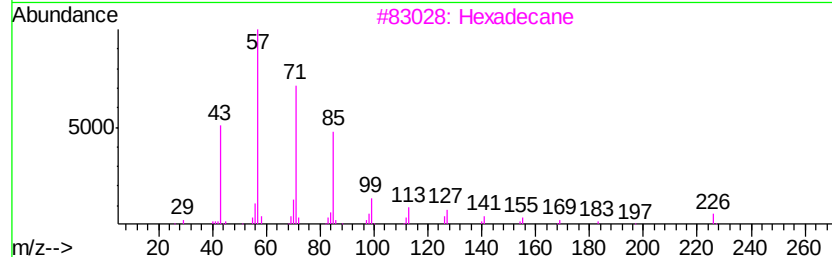
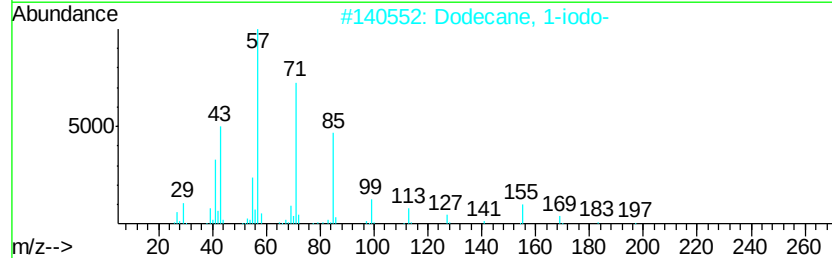
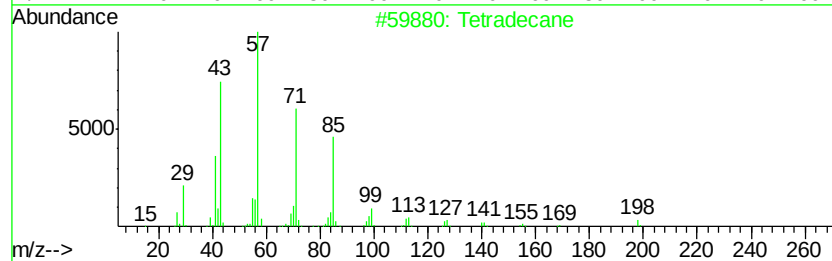
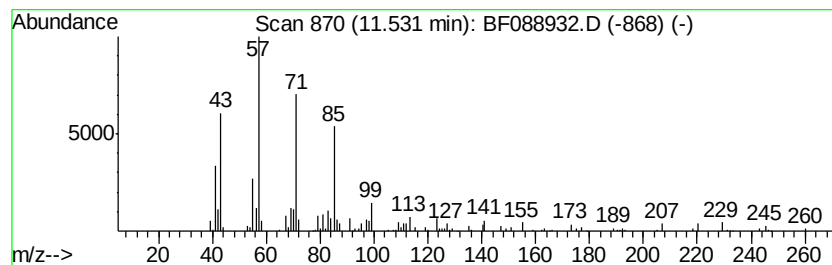
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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Tetradecane Concentration Rank 12

| R.T.      | EstConc           | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------|-------|------------------|-------------|------|
| 11.53     | 2.84 ng           | 70764 | Phenanthrene-d10 | 11.21       |      |
| Hit# of 5 | Tentative ID      | MW    | MolForm          | CAS#        | Qual |
| 1         | Tetradecane       | 198   | C14H30           | 000629-59-4 | 72   |
| 2         | Dodecane, 1-iodo- | 296   | C12H25I          | 004292-19-7 | 72   |
| 3         | Hexadecane        | 226   | C16H34           | 000544-76-3 | 72   |
| 4         | Heptadecane       | 240   | C17H36           | 000629-78-7 | 72   |
| 5         | Tetracosane       | 338   | C24H50           | 000646-31-1 | 72   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071216\  
Data File : BF088932.D  
Acq On : 12 Jul 2016 21:28  
Operator : UM/SJ  
Sample : H3889-10 4X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

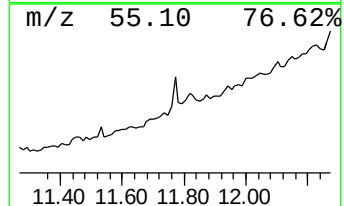
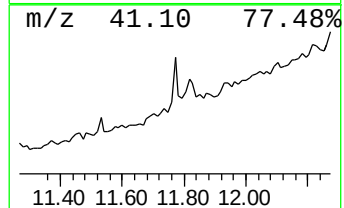
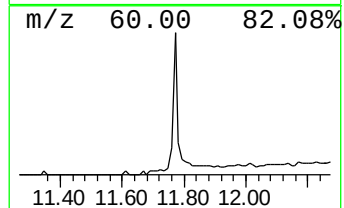
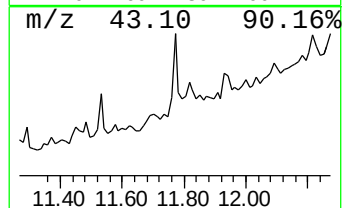
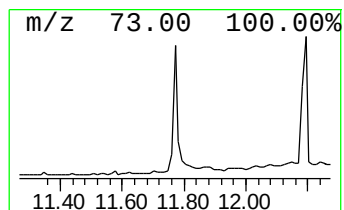
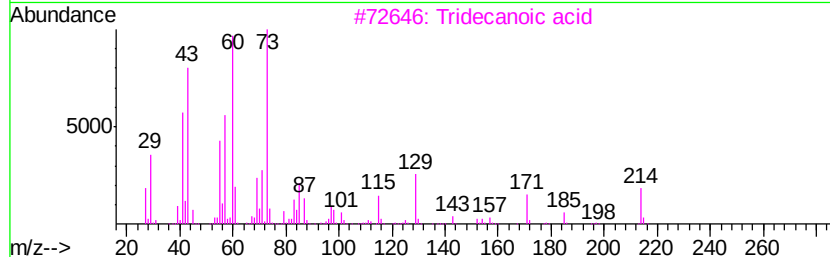
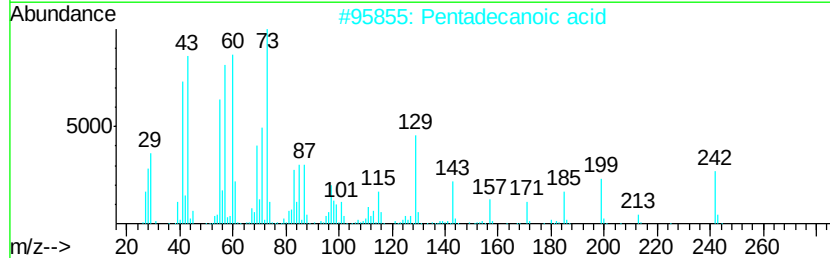
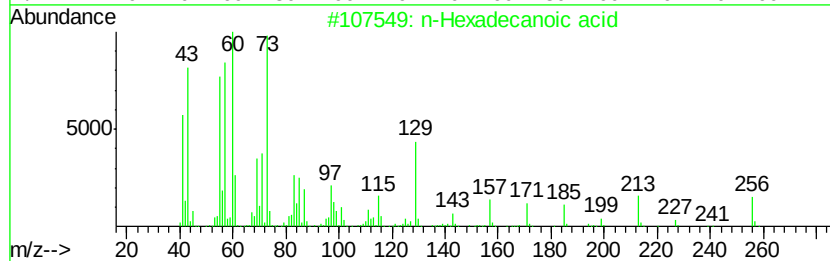
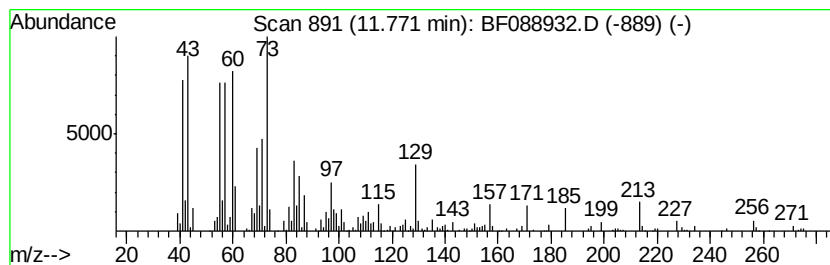
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 n-Hexadecanoic acid Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.77 | 7.90 ng | 196857 | Phenanthrene-d10 | 11.21 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid  | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    |   | Pentadecanoic acid   | 242 | C15H30O2 | 001002-84-2 | 91   |
| 3    |    |   | Tridecanoic acid     | 214 | C13H26O2 | 000638-53-9 | 76   |
| 4    |    |   | Isopropyl palmitate  | 298 | C19H38O2 | 000142-91-6 | 72   |
| 5    |    |   | tert-Hexadecanethiol | 258 | C16H34S  | 025360-09-2 | 25   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\  
Data File : BF088932.D  
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Operator : UM/SJ  
Sample : H3889-10 4X  
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ALS Vial : 11 Sample Multiplier: 1

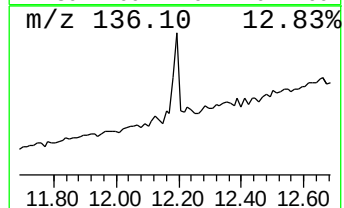
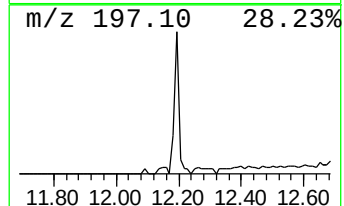
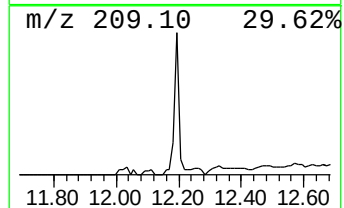
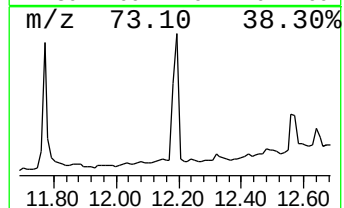
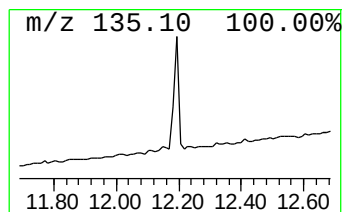
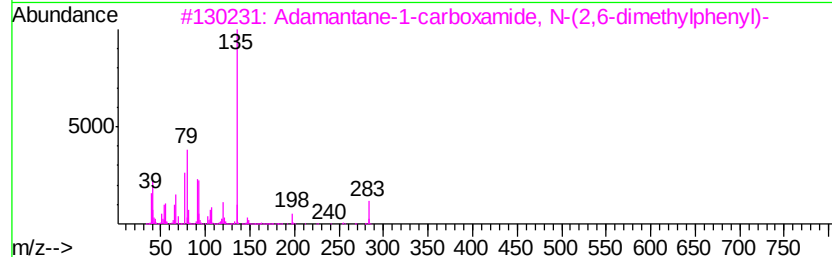
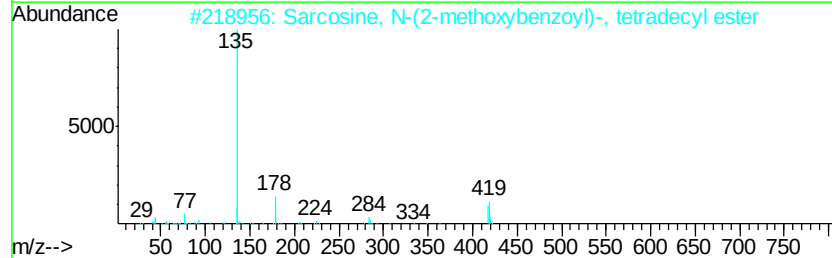
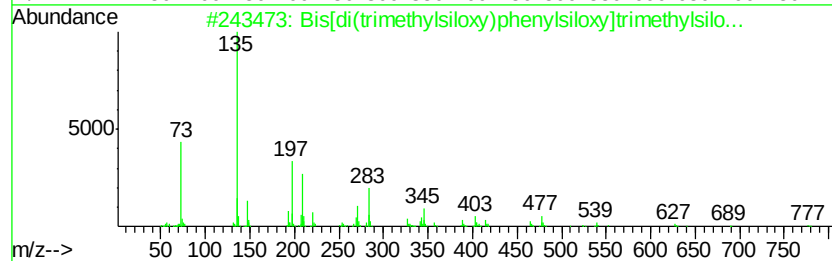
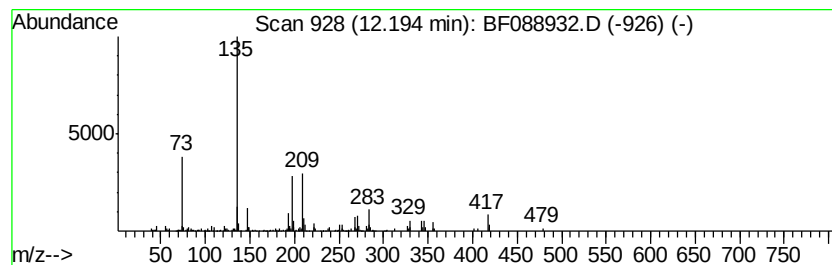
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Bis[di(trimethylsiloxy)phen... Concentration Rank 7

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 12.19     | 6.62 ng                             | 165053 | Phenanthrene-d10 | 11.21        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Bis[di(trimethylsiloxy)phenylsil... | 792    | C33H60O7Si8      | 1000306-77-4 | 59   |
| 2         | Sarcosine, N-(2-methoxybenzoyl)-... | 419    | C25H41NO4        | 1000321-15-1 | 47   |
| 3         | Adamantane-1-carboxamide, N-(2,6... | 283    | C19H25NO         | 339292-26-1  | 46   |
| 4         | 1,3-Benzodioxin-4-one, 2-(1,1-di... | 238    | C14H22O3         | 1000197-46-5 | 46   |
| 5         | 1-Benzothiophene-3-carbonitrile,... | 163    | C9H9NS           | 1000337-31-2 | 43   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071216\  
Data File : BF088932.D  
Acq On : 12 Jul 2016 21:28  
Operator : UM/SJ  
Sample : H3889-10 4X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

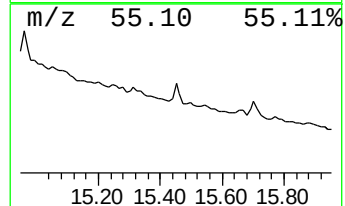
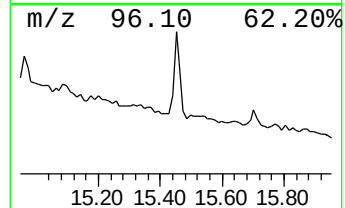
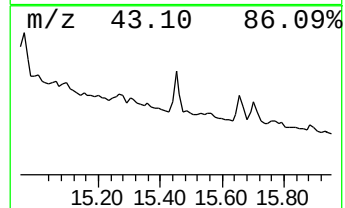
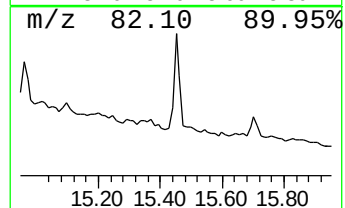
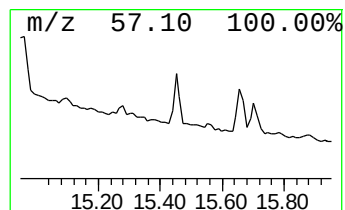
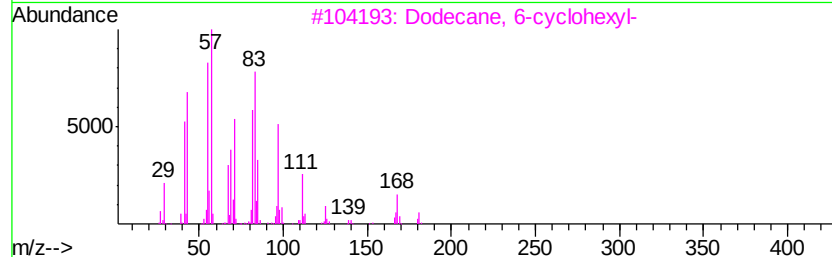
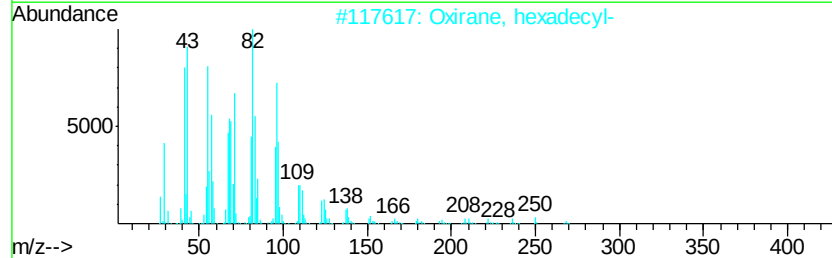
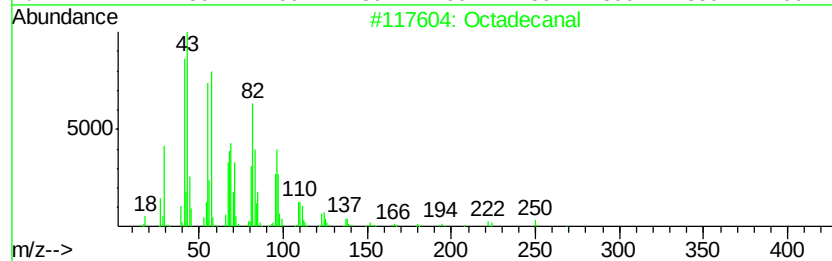
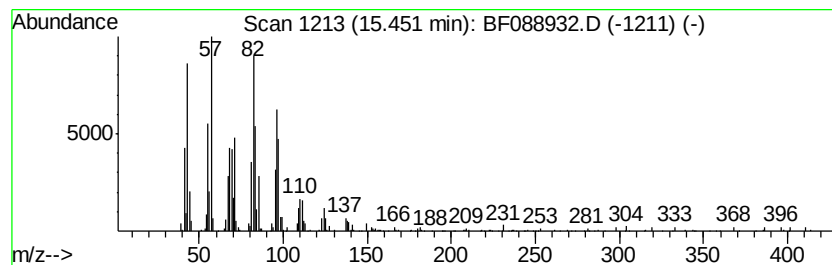
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Octadecanal Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.45 | 7.17 ng | 216606 | Perylene-d12     | 15.23 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecanal             | 268 | C18H36O | 000638-66-4 | 86   |
| 2    |    | Oxirane, hexadecyl-     | 268 | C18H36O | 007390-81-0 | 58   |
| 3    |    | Dodecane, 6-cyclohexyl- | 252 | C18H36  | 013151-86-5 | 45   |
| 4    |    | 1-Heptacosanol          | 396 | C27H56O | 002004-39-9 | 38   |
| 5    |    | n-Tetracosanol-1        | 354 | C24H50O | 000506-51-4 | 38   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\  
Data File : BF088932.D  
Acq On : 12 Jul 2016 21:28  
Operator : UM/SJ  
Sample : H3889-10 4X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-10

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

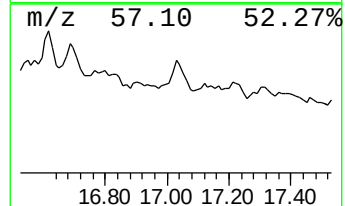
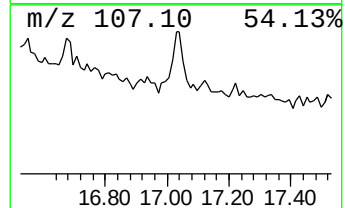
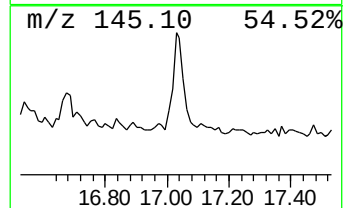
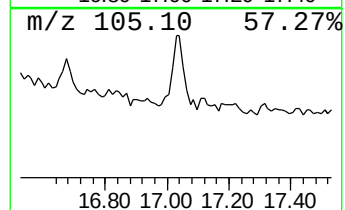
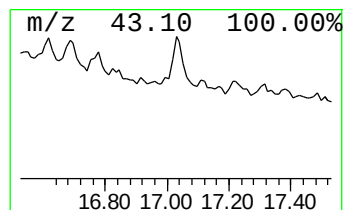
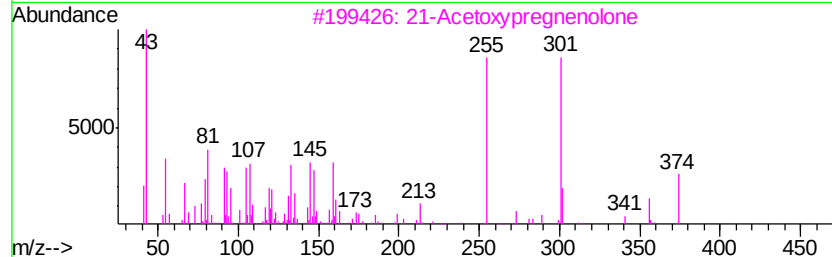
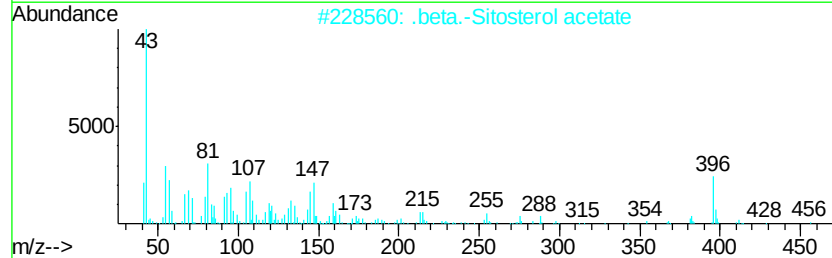
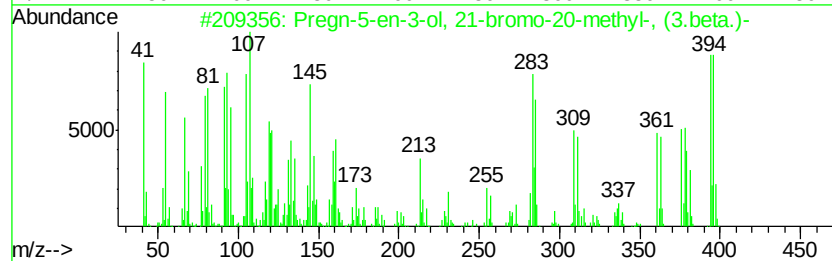
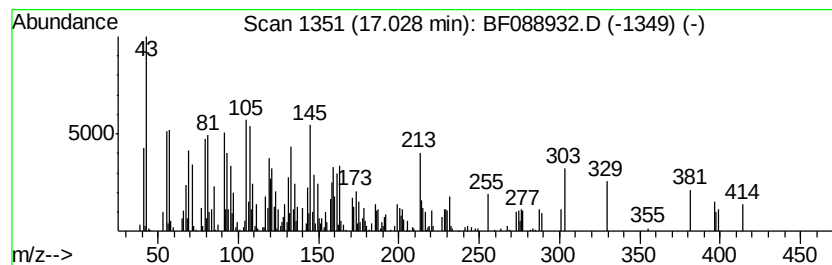
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 unknown17.03 Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.03 | 6.29 ng | 189982 | Perylene-d12     | 15.23 |

| Hit# | of | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------------|--------------|------|
| 1    | 5  | Pregn-5-en-3-ol, 21-bromo-20-met... | 394 | C22H35BrO     | 055103-80-5  | 42   |
| 2    |    | .beta.-Sitosterol acetate           | 456 | C31H52O2      | 000915-05-9  | 12   |
| 3    |    | 21-Acetoxyvprenenolone              | 374 | C23H34O4      | 000566-78-9  | 12   |
| 4    |    | N-(3-Chloro-4-fluoro-phenyl)-2-(... | 329 | C14H10Cl2FNOS | 1000295-12-7 | 11   |
| 5    |    | 5.alpha.Androst-16-ol, 17-ethyl...  | 414 | C27H42O3      | 1000124-58-6 | 10   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071216\  
Data File : BF088932.D  
Acq On : 12 Jul 2016 21:28  
Operator : UM/SJ  
Sample : H3889-10 4X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

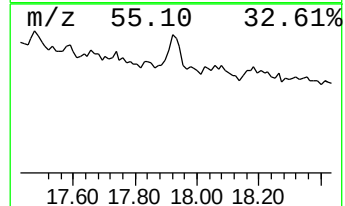
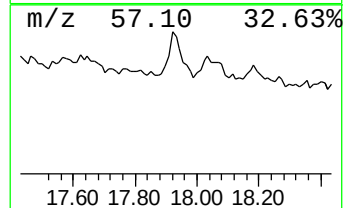
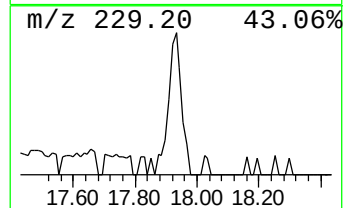
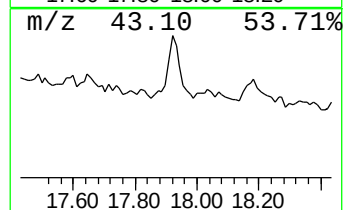
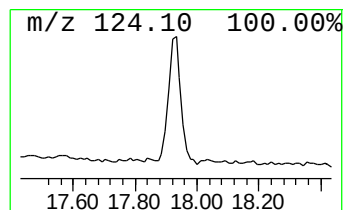
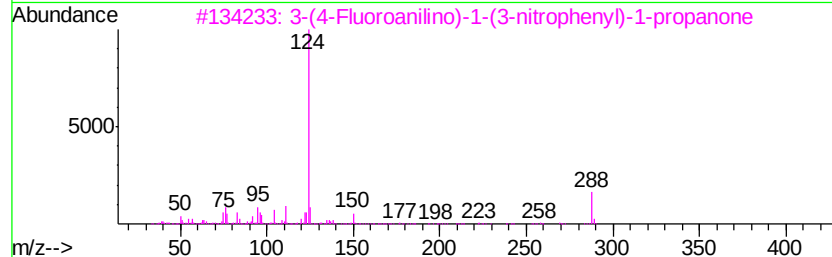
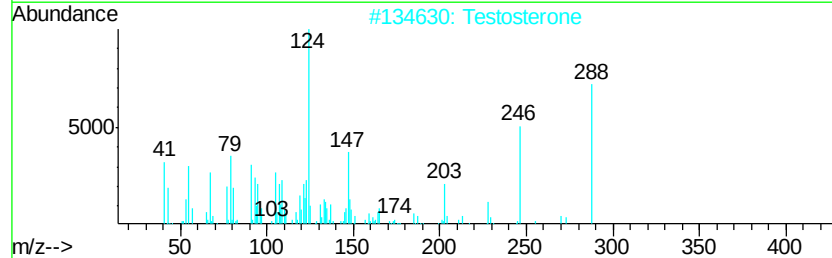
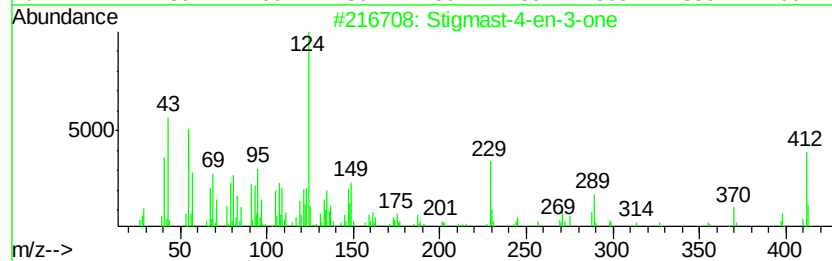
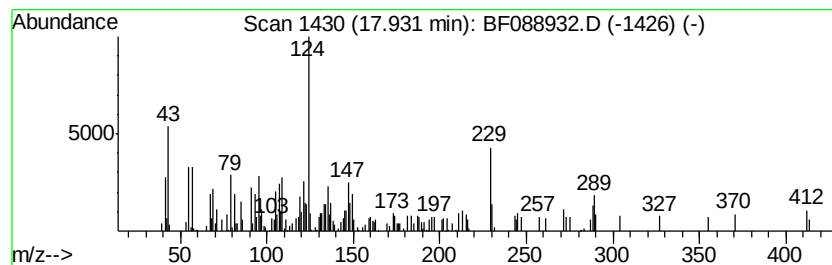
Instrument :  
BNA\_F  
ClientSampleId :  
SS-10

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Stigmast-4-en-3-one Concentration Rank 6

| R.T.    | EstConc | Area                                 | Relative to ISTD | R.T.         |              |      |
|---------|---------|--------------------------------------|------------------|--------------|--------------|------|
| 17.93   | 6.76 ng | 204255                               | Perylene-d12     | 15.23        |              |      |
| Hit# of | 5       | Tentative ID                         | MW               | MolForm      | CAS#         | Qual |
| 1       |         | Stigmast-4-en-3-one                  | 412              | C29H48O      | 001058-61-3  | 94   |
| 2       |         | Testosterone                         | 288              | C19H28O2     | 000058-22-0  | 64   |
| 3       |         | 3-(4-Fluoroanilino)-1-(3-nitroph...  | 288              | C15H13FN2O3  | 350039-84-8  | 41   |
| 4       |         | Thiophene-2-sulfonic acid, (3-fl...  | 271              | C11H10FN02S2 | 1000311-21-1 | 41   |
| 5       |         | Androst-4-en-3-one, 17-hydroxy-, ... | 288              | C19H28O2     | 000604-39-7  | 41   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071216\  
Data File : BF088932.D  
Acq On : 12 Jul 2016 21:28  
Operator : UM/SJ  
Sample : H3889-10 4X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-10

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.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 |
| unknown6.47          | 6.47  | 11.0    | ng    | 250430   | 1                     | 6.71  | 455349 | 20.0 |
| Phthalic anhydride   | 8.75  | 3.8     | ng    | 113697   | 2                     | 7.99  | 605543 | 20.0 |
| 2-Propenoic acid,... | 10.97 | 6.3     | ng    | 157883   | 4                     | 11.21 | 498555 | 20.0 |
| Tridecane            | 11.11 | 2.3     | ng    | 56219    | 4                     | 11.21 | 498555 | 20.0 |
| Diphenylacetylene    | 11.29 | 2.5     | ng    | 61829    | 4                     | 11.21 | 498555 | 20.0 |
| unknown11.45         | 11.45 | 3.7     | ng    | 93171    | 4                     | 11.21 | 498555 | 20.0 |
| Tetradecane          | 11.53 | 2.8     | ng    | 70764    | 4                     | 11.21 | 498555 | 20.0 |
| n-Hexadecanoic acid  | 11.77 | 7.9     | ng    | 196857   | 4                     | 11.21 | 498555 | 20.0 |
| Bis[di(trimethyls... | 12.19 | 6.6     | ng    | 165053   | 4                     | 11.21 | 498555 | 20.0 |
| Octadecanal          | 15.45 | 7.2     | ng    | 216606   | 6                     | 15.23 | 604275 | 20.0 |
| unknown17.03         | 17.03 | 6.3     | ng    | 189982   | 6                     | 15.23 | 604275 | 20.0 |
| Stigmast-4-en-3-one  | 17.93 | 6.8     | ng    | 204255   | 6                     | 15.23 | 604275 | 20.0 |