

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062619\  
 Data File : BF115218.D  
 Acq On : 26 Jun 2019 14:50  
 Operator : HP/JU  
 Sample : K3155-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BAT-B06

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-BF062119.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         | 5.207       | 551           | 556         | 559          | rBV      | 2976478        | 2858831       | 40.73%          | 6.437%        |
| 2         | 6.248       | 727           | 733         | 735          | rBV      | 3242426        | 3303290       | 47.07%          | 7.437%        |
| 3         | 6.378       | 750           | 755         | 758          | rBV      | 3515175        | 3253843       | 46.36%          | 7.326%        |
| 4         | 6.607       | 791           | 794         | 798          | rBV      | 1727725        | 1474071       | 21.00%          | 3.319%        |
| 5         | 6.766       | 817           | 821         | 824          | rBV      | 3034855        | 2494800       | 35.55%          | 5.617%        |
| 6         | 7.166       | 884           | 889         | 892          | rBV      | 2371997        | 2180264       | 31.06%          | 4.909%        |
| 7         | 7.889       | 1008          | 1012        | 1015         | rBV      | 2342048        | 1897413       | 27.03%          | 4.272%        |
| 8         | 8.966       | 1191          | 1195        | 1209         | rBV      | 5067942        | 4537927       | 64.66%          | 10.217%       |
| 9         | 9.360       | 1258          | 1262        | 1273         | rBV      | 536023         | 479505        | 6.83%           | 1.080%        |
| 10        | 9.636       | 1305          | 1309        | 1333         | rVB      | 2342335        | 2245769       | 32.00%          | 5.056%        |
| 11        | 10.413      | 1437          | 1441        | 1463         | rBV      | 3353247        | 3542533       | 50.47%          | 7.976%        |
| 12        | 11.107      | 1555          | 1559        | 1562         | rBV      | 2839503        | 2424987       | 34.55%          | 5.460%        |
| 13        | 11.654      | 1649          | 1652        | 1661         | rBV      | 369870         | 436210        | 6.22%           | 0.982%        |
| 14        | 12.436      | 1781          | 1785        | 1796         | rBV2     | 146651         | 202887        | 2.89%           | 0.457%        |
| 15        | 12.695      | 1824          | 1829        | 1832         | rBV      | 6835150        | 7018544       | 100.00%         | 15.802%       |
| 16        | 13.654      | 1987          | 1992        | 2000         | rBV4     | 88957          | 256277        | 3.65%           | 0.577%        |
| 17        | 13.724      | 2000          | 2004        | 2007         | rBV      | 2466093        | 2265265       | 32.28%          | 5.100%        |
| 18        | 13.930      | 2035          | 2039        | 2045         | rBV      | 79666          | 75625         | 1.08%           | 0.170%        |
| 19        | 14.230      | 2087          | 2090        | 2095         | rVB      | 108906         | 101633        | 1.45%           | 0.229%        |
| 20        | 14.495      | 2131          | 2135        | 2138         | rBV      | 358800         | 381405        | 5.43%           | 0.859%        |
| 21        | 14.524      | 2138          | 2140        | 2148         | rVB      | 193219         | 198297        | 2.83%           | 0.446%        |
| 22        | 14.824      | 2187          | 2191        | 2195         | rBV      | 185347         | 189282        | 2.70%           | 0.426%        |
| 23        | 15.089      | 2231          | 2236        | 2244         | rBV      | 1654279        | 2007094       | 28.60%          | 4.519%        |
| 24        | 15.160      | 2244          | 2248        | 2256         | rVB      | 196595         | 249760        | 3.56%           | 0.562%        |
| 25        | 15.542      | 2309          | 2313        | 2318         | rVB      | 149893         | 195645        | 2.79%           | 0.440%        |
| 26        | 15.983      | 2383          | 2388        | 2394         | rBV2     | 84089          | 143621        | 2.05%           | 0.323%        |

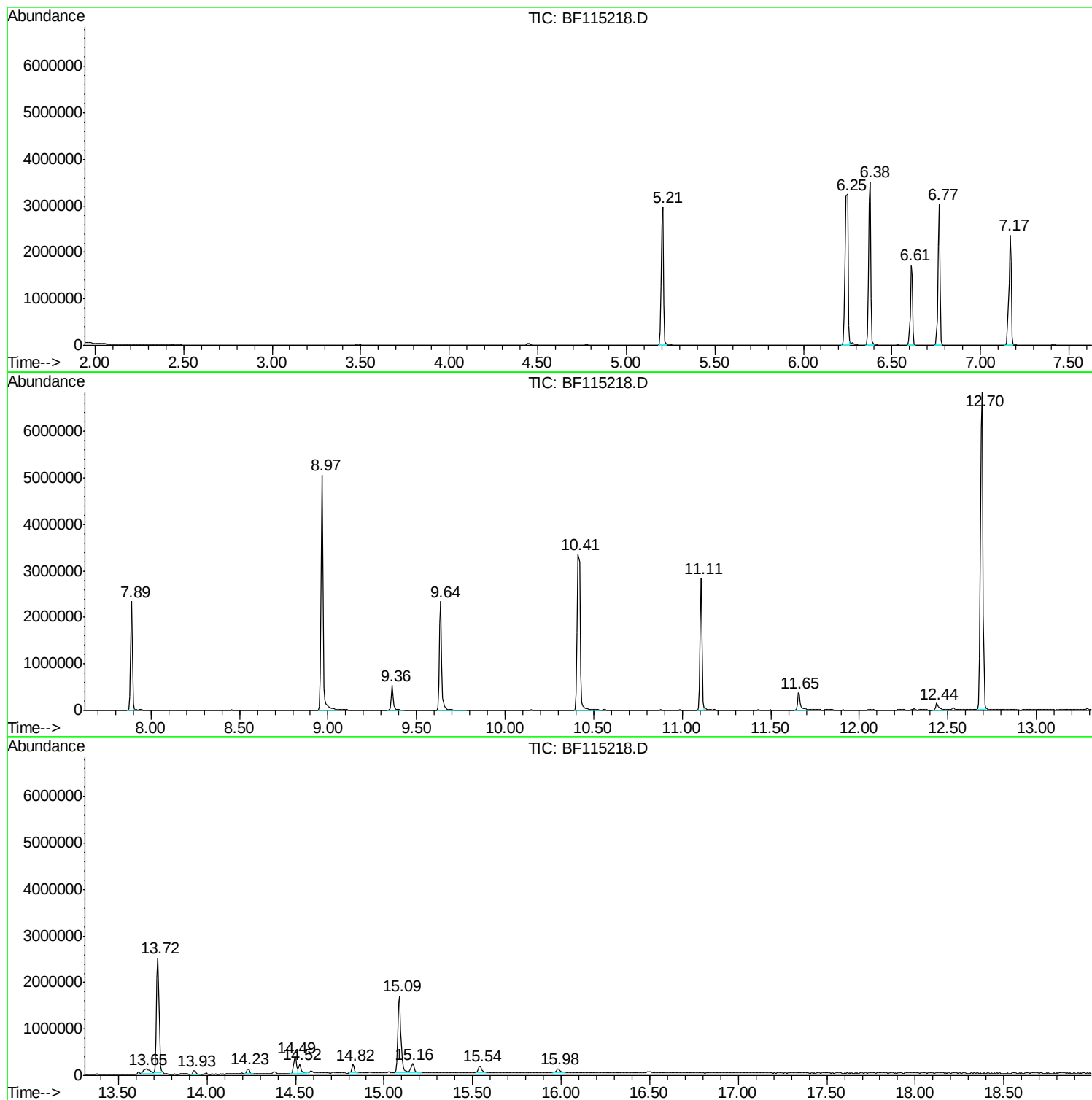
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ClientSampleId :  
BAT-B06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.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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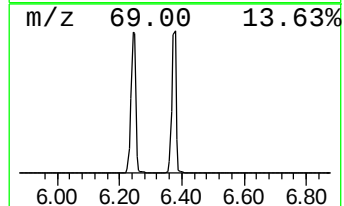
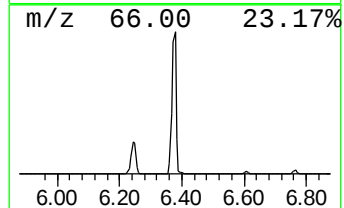
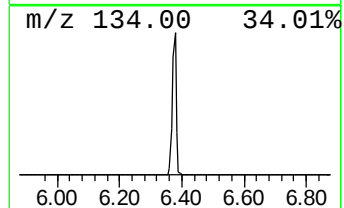
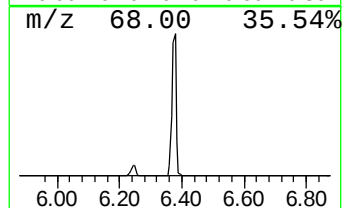
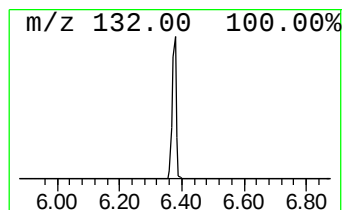
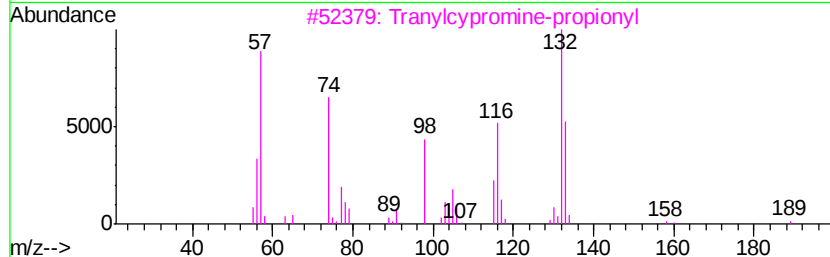
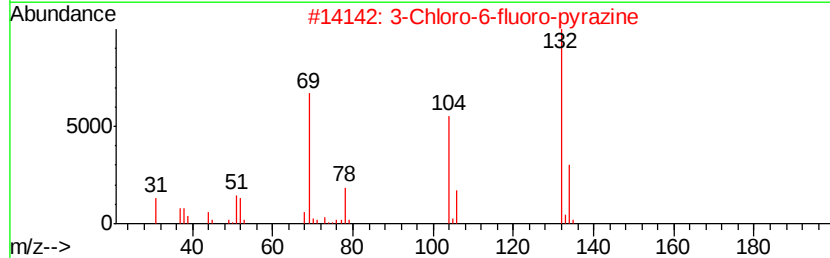
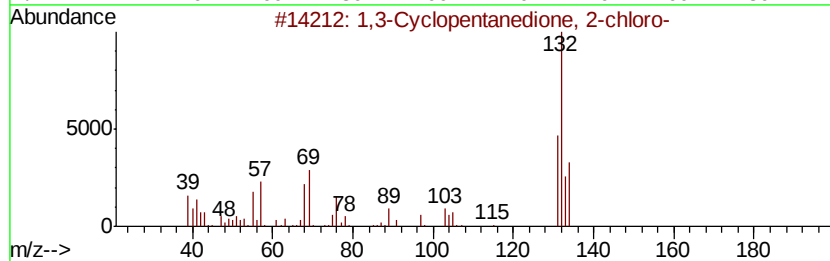
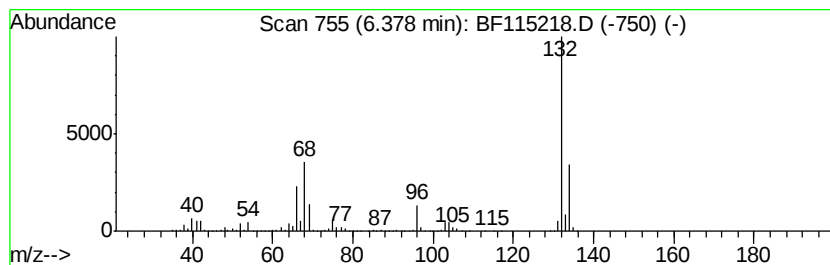
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.38 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.38 | 44.15 ng | 3253840 | 1,4-Dichlorobenzene-d4 | 6.61 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 37   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 16   |
| 4    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    | Xenon                            | 132 | Xe        | 007440-63-3  | 9    |



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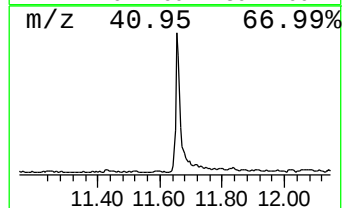
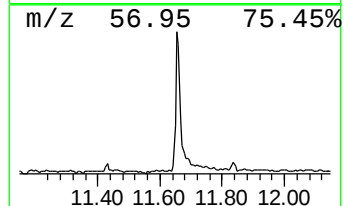
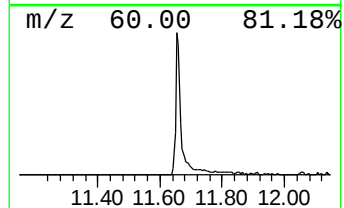
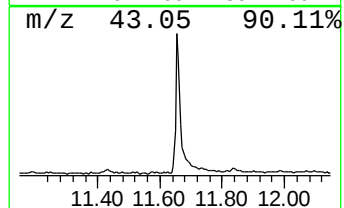
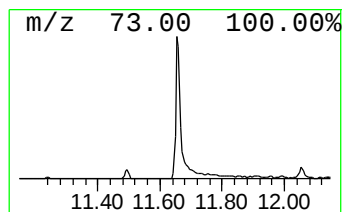
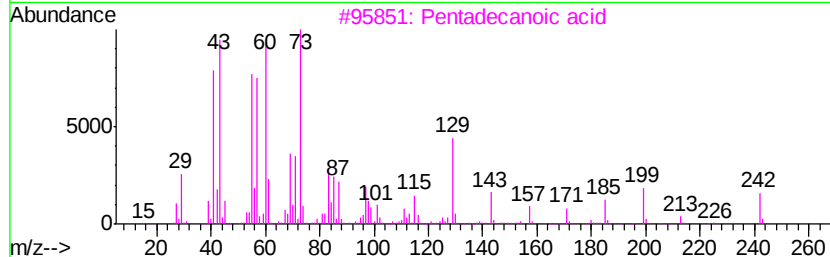
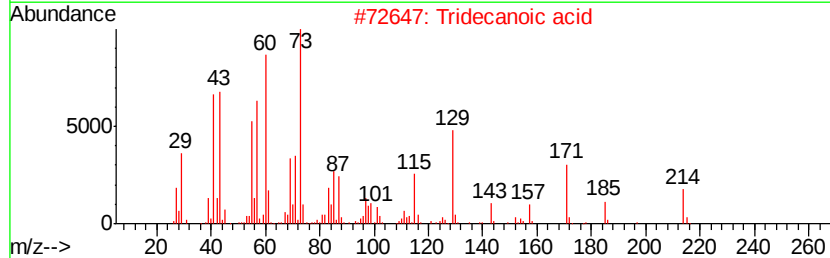
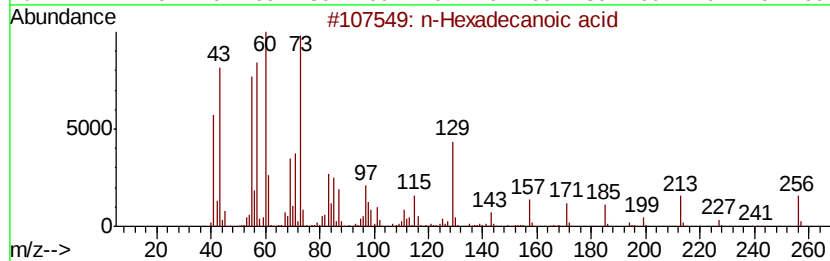
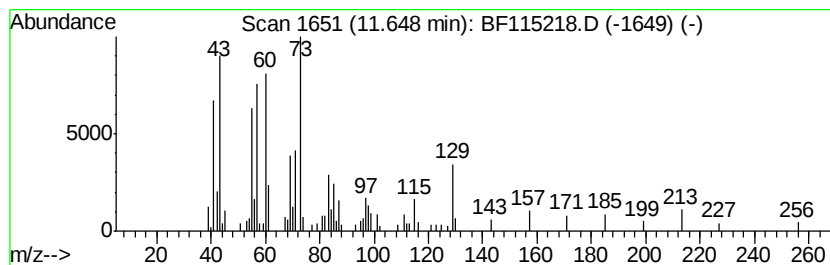
Instrument :  
BNA\_F  
ClientSampleId :  
BAT-B06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.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 3 n-Hexadecanoic acid Concentration Rank 4

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 11.65     | 3.60 ng             | 436210 | Phenanthrene-d10 | 11.11       |      |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 99   |
| 2         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 94   |
| 3         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 87   |
| 4         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 86   |
| 5         | n-Decanoic acid     | 172    | C10H20O2         | 000334-48-5 | 68   |



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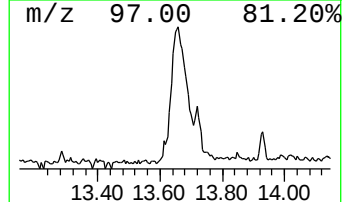
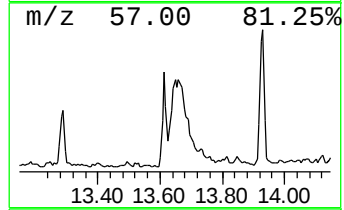
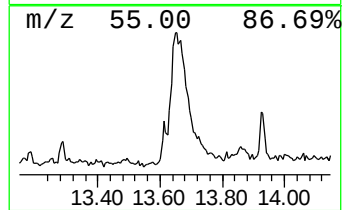
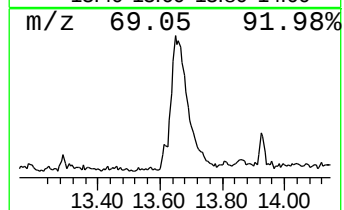
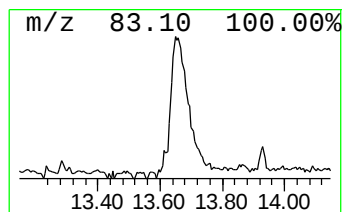
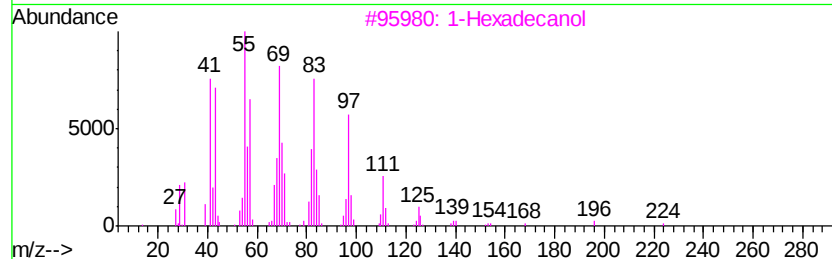
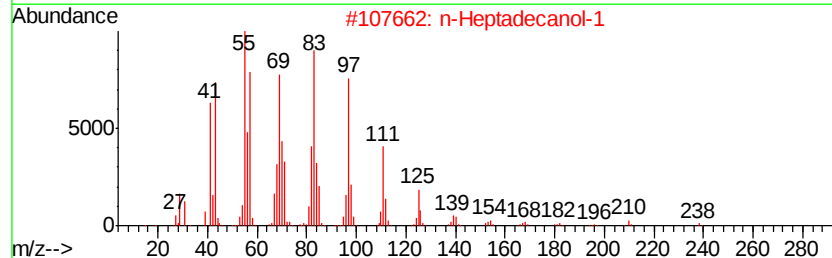
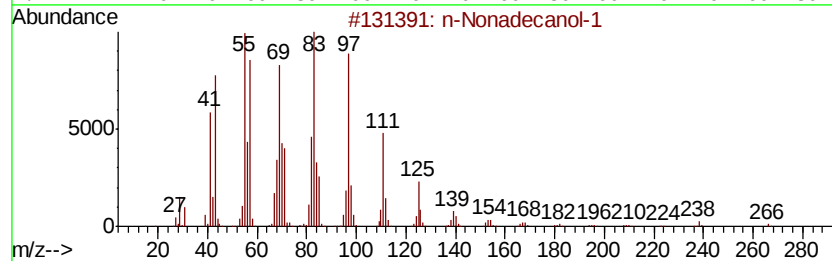
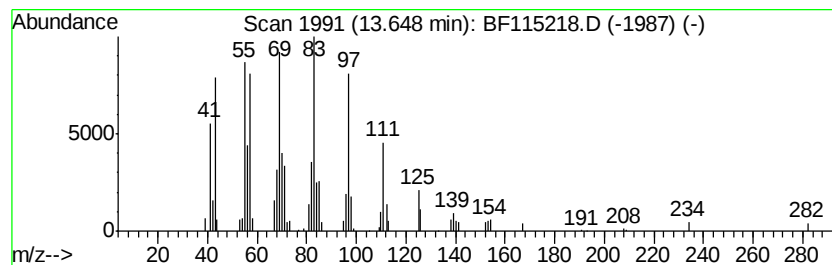
Instrument :  
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ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 n-Nonadecanol-1 Concentration Rank 6

| R.T.    | EstConc                             | Area            | Relative to ISTD | R.T.      |
|---------|-------------------------------------|-----------------|------------------|-----------|
| 13.65   | 2.26 ng                             | 256277          | Chrysene-d12     | 13.72     |
| Hit# of | 5                                   | Tentative ID    | MW MolForm       | CAS# Qual |
| 1       | n-Nonadecanol-1                     | 284 C19H40O     | 001454-84-8      | 95        |
| 2       | n-Heptadecanol-1                    | 256 C17H36O     | 001454-85-9      | 91        |
| 3       | 1-Hexadecanol                       | 242 C16H34O     | 036653-82-4      | 91        |
| 4       | Trichloroacetic acid, tetradecyl... | 358 C16H29Cl3O2 | 074339-52-9      | 83        |
| 5       | 1-Heneicosanol                      | 312 C21H44O     | 015594-90-8      | 81        |



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BNA\_F  
ClientSampleId :  
BAT-B06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

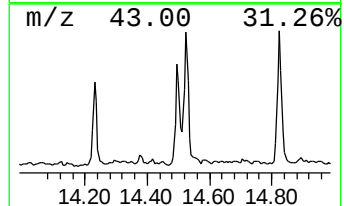
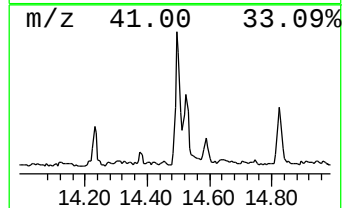
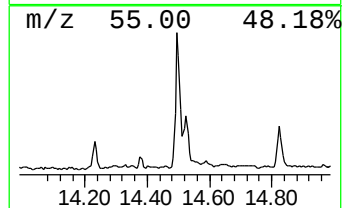
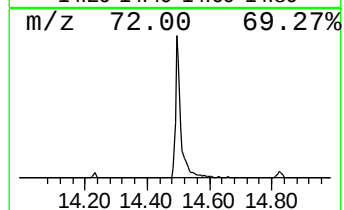
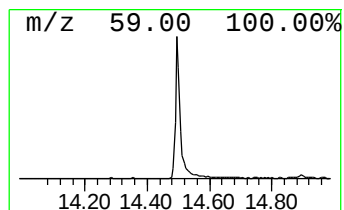
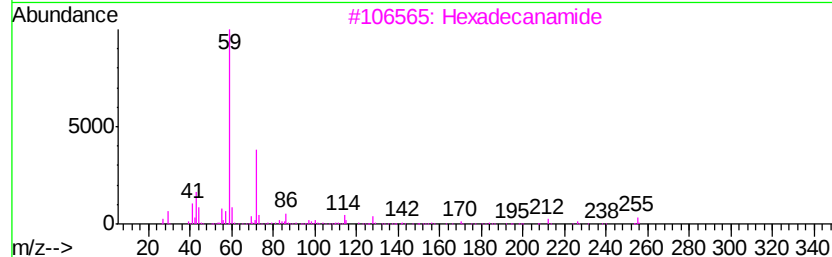
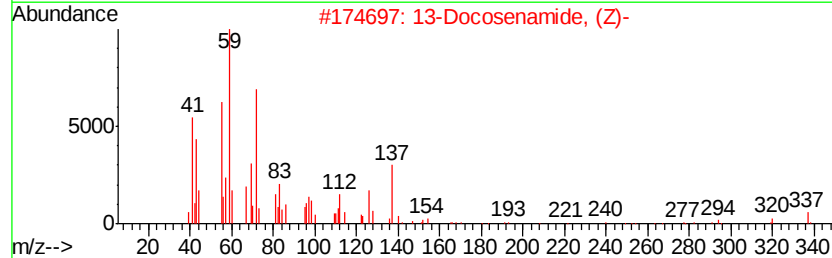
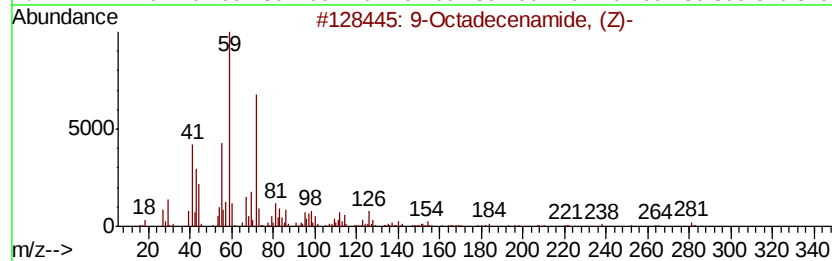
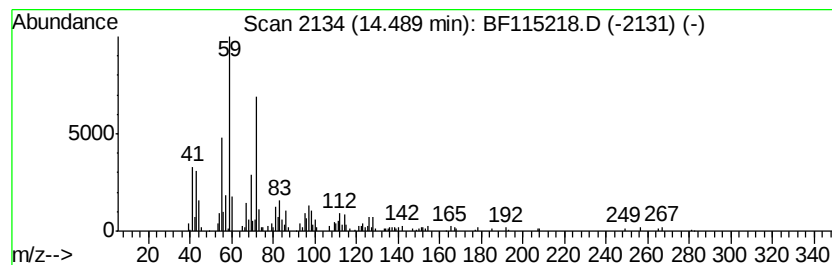
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.49 | 3.80 ng | 381405 | Perylene-d12     | 15.09 |

| Hit# of | 5                      | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|------------------------|--------------|----------|-------------|------|------|
| 1       | 9-Octadecenamide, (Z)- | 281          | C18H35NO | 000301-02-0 | 91   |      |
| 2       | 13-Docosenamide, (Z)-  | 337          | C22H43NO | 000112-84-5 | 72   |      |
| 3       | Hexadecanamide         | 255          | C16H33NO | 000629-54-9 | 64   |      |
| 4       | 7-Nonenamide           | 155          | C9H17NO  | 090949-53-4 | 59   |      |
| 5       | Octadecanamide         | 283          | C18H37NO | 000124-26-5 | 53   |      |



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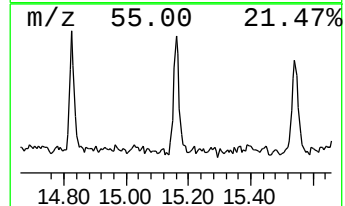
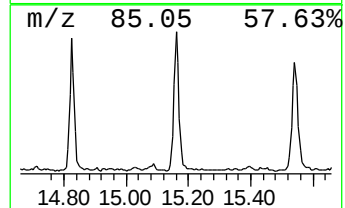
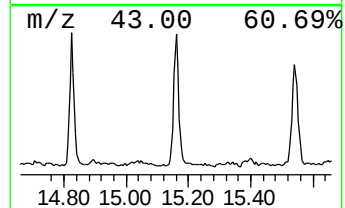
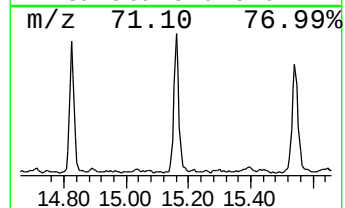
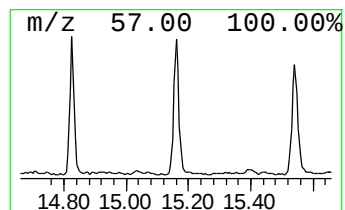
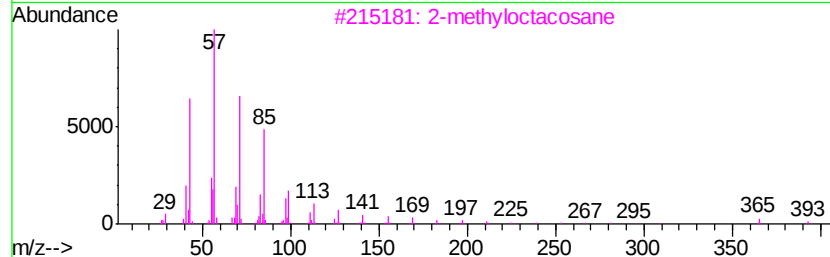
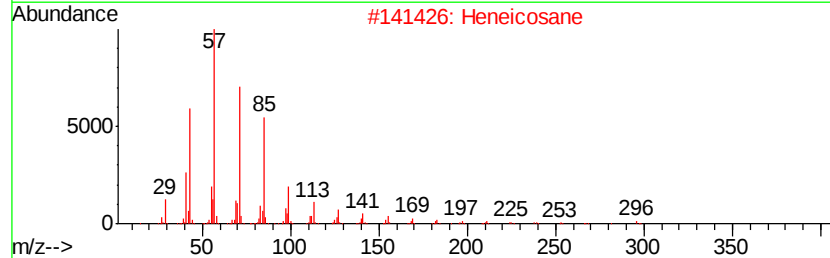
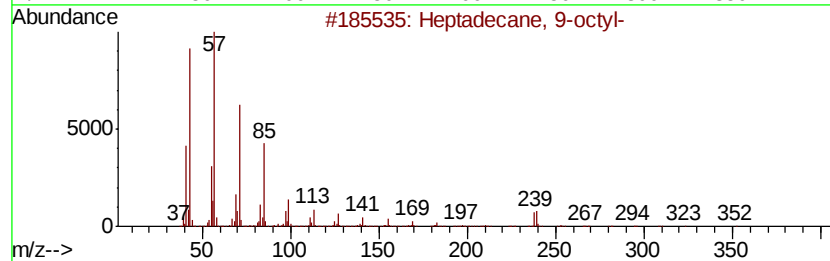
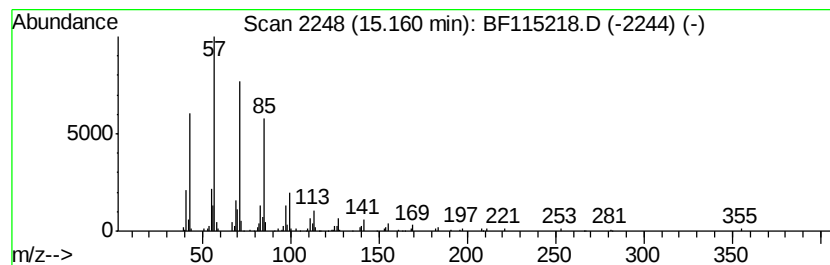
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.16 | 2.49 ng | 249760 | Perylene-d12     | 15.09 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |
| 2    |    | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 3    |    | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 4    |    | Tetracosane           | 338 | C24H50  | 000646-31-1  | 91   |
| 5    |    | Hexacosane            | 366 | C26H54  | 000630-01-3  | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062619\  
Data File : BF115218.D  
Acq On : 26 Jun 2019 14:50  
Operator : HP/JU  
Sample : K3155-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BAT-B06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062119.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 |
| unknown6.38          | 6.38  | 44.1    | ng    | 3253840  | 1                     | 6.61  | 1474070 | 20.0 |
| n-Hexadecanoic acid  | 11.65 | 3.6     | ng    | 436210   | 4                     | 11.11 | 2424990 | 20.0 |
| n-Nonadecanol-1      | 13.65 | 2.3     | ng    | 256277   | 5                     | 13.72 | 2265270 | 20.0 |
| 9-Octadecenamide,... | 14.49 | 3.8     | ng    | 381405   | 6                     | 15.09 | 2007090 | 20.0 |
| Heptadecane, 9-oc... | 15.16 | 2.5     | ng    | 249760   | 6                     | 15.09 | 2007090 | 20.0 |