

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF100318\  
 Data File : BF109547.D  
 Acq On : 3 Oct 2018 15:40  
 Operator : JU/SJ  
 Sample : J5220-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TS-05

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092218.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         | 4.904       | 476           | 479         | 489          | rBV      | 79432          | 122609        | 4.47%           | 0.494%        |
| 2         | 5.322       | 545           | 550         | 573          | rBV      | 2089137        | 2430346       | 88.67%          | 9.801%        |
| 3         | 6.351       | 720           | 725         | 742          | rBV      | 2193367        | 2670566       | 97.44%          | 10.770%       |
| 4         | 6.475       | 742           | 746         | 770          | rVB      | 2469503        | 2703286       | 98.63%          | 10.902%       |
| 5         | 6.704       | 781           | 785         | 795          | rBV      | 577229         | 629249        | 22.96%          | 2.538%        |
| 6         | 6.857       | 807           | 811         | 833          | rBV      | 1979158        | 2055293       | 74.99%          | 8.288%        |
| 7         | 7.269       | 876           | 881         | 907          | rBV      | 1467105        | 1730651       | 63.14%          | 6.979%        |
| 8         | 7.981       | 999           | 1002        | 1020         | rBV      | 760013         | 789144        | 28.79%          | 3.182%        |
| 9         | 9.057       | 1181          | 1185        | 1201         | rBV      | 2723332        | 2740821       | 100.00%         | 11.053%       |
| 10        | 9.369       | 1235          | 1238        | 1240         | rBV      | 38933          | 29451         | 1.07%           | 0.119%        |
| 11        | 9.451       | 1248          | 1252        | 1265         | rBV      | 773063         | 667514        | 24.35%          | 2.692%        |
| 12        | 9.733       | 1296          | 1300        | 1309         | rBV      | 779034         | 778168        | 28.39%          | 3.138%        |
| 13        | 10.398      | 1410          | 1413        | 1417         | rVB      | 53781          | 45871         | 1.67%           | 0.185%        |
| 14        | 10.516      | 1429          | 1433        | 1449         | rBV      | 1480956        | 1486702       | 54.24%          | 5.995%        |
| 15        | 11.210      | 1547          | 1551        | 1554         | rBV      | 706574         | 663335        | 24.20%          | 2.675%        |
| 16        | 11.745      | 1639          | 1642        | 1651         | rBV3     | 138205         | 156859        | 5.72%           | 0.633%        |
| 17        | 12.416      | 1752          | 1756        | 1760         | rBV      | 134837         | 132993        | 4.85%           | 0.536%        |
| 18        | 12.527      | 1772          | 1775        | 1780         | rBV4     | 35091          | 41487         | 1.51%           | 0.167%        |
| 19        | 12.639      | 1788          | 1794        | 1798         | rBV      | 109514         | 123564        | 4.51%           | 0.498%        |
| 20        | 12.792      | 1815          | 1820        | 1828         | rVB      | 2019313        | 1931505       | 70.47%          | 7.789%        |
| 21        | 13.221      | 1889          | 1893        | 1895         | rBV      | 74756          | 73844         | 2.69%           | 0.298%        |
| 22        | 13.251      | 1895          | 1898        | 1900         | rBV      | 101121         | 100414        | 3.66%           | 0.405%        |
| 23        | 13.698      | 1969          | 1974        | 1981         | rBV2     | 119939         | 194631        | 7.10%           | 0.785%        |
| 24        | 13.833      | 1992          | 1997        | 2000         | rBV      | 704408         | 761033        | 27.77%          | 3.069%        |
| 25        | 13.857      | 2000          | 2001        | 2004         | rVB      | 68172          | 53029         | 1.93%           | 0.214%        |
| 26        | 14.010      | 2025          | 2027        | 2032         | rBV2     | 40068          | 44213         | 1.61%           | 0.178%        |
| 27        | 14.315      | 2076          | 2079        | 2086         | rBV2     | 81206          | 133680        | 4.88%           | 0.539%        |
| 28        | 14.610      | 2126          | 2129        | 2135         | rBV      | 79229          | 82029         | 2.99%           | 0.331%        |
| 29        | 14.680      | 2138          | 2141        | 2146         | rBV      | 37081          | 45926         | 1.68%           | 0.185%        |
| 30        | 14.745      | 2149          | 2152        | 2157         | rVB      | 77900          | 89353         | 3.26%           | 0.360%        |
| 31        | 14.845      | 2166          | 2169        | 2175         | rVB      | 66664          | 115012        | 4.20%           | 0.464%        |
| 32        | 14.921      | 2179          | 2182        | 2185         | rBV      | 128147         | 136503        | 4.98%           | 0.550%        |
| 33        | 15.239      | 2231          | 2236        | 2239         | rBV      | 470665         | 561546        | 20.49%          | 2.265%        |
| 34        | 15.274      | 2239          | 2242        | 2246         | rVB2     | 115663         | 139062        | 5.07%           | 0.561%        |

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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :  
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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 35 | 15.457 | 2270 | 2273 | 2277 | rVB3 | 40321  | 50589  | 1.85% | 0.204% |
| 36 | 15.674 | 2306 | 2310 | 2315 | rVB  | 144899 | 191213 | 6.98% | 0.771% |
| 37 | 16.133 | 2384 | 2388 | 2394 | rVB  | 60494  | 95740  | 3.49% | 0.386% |

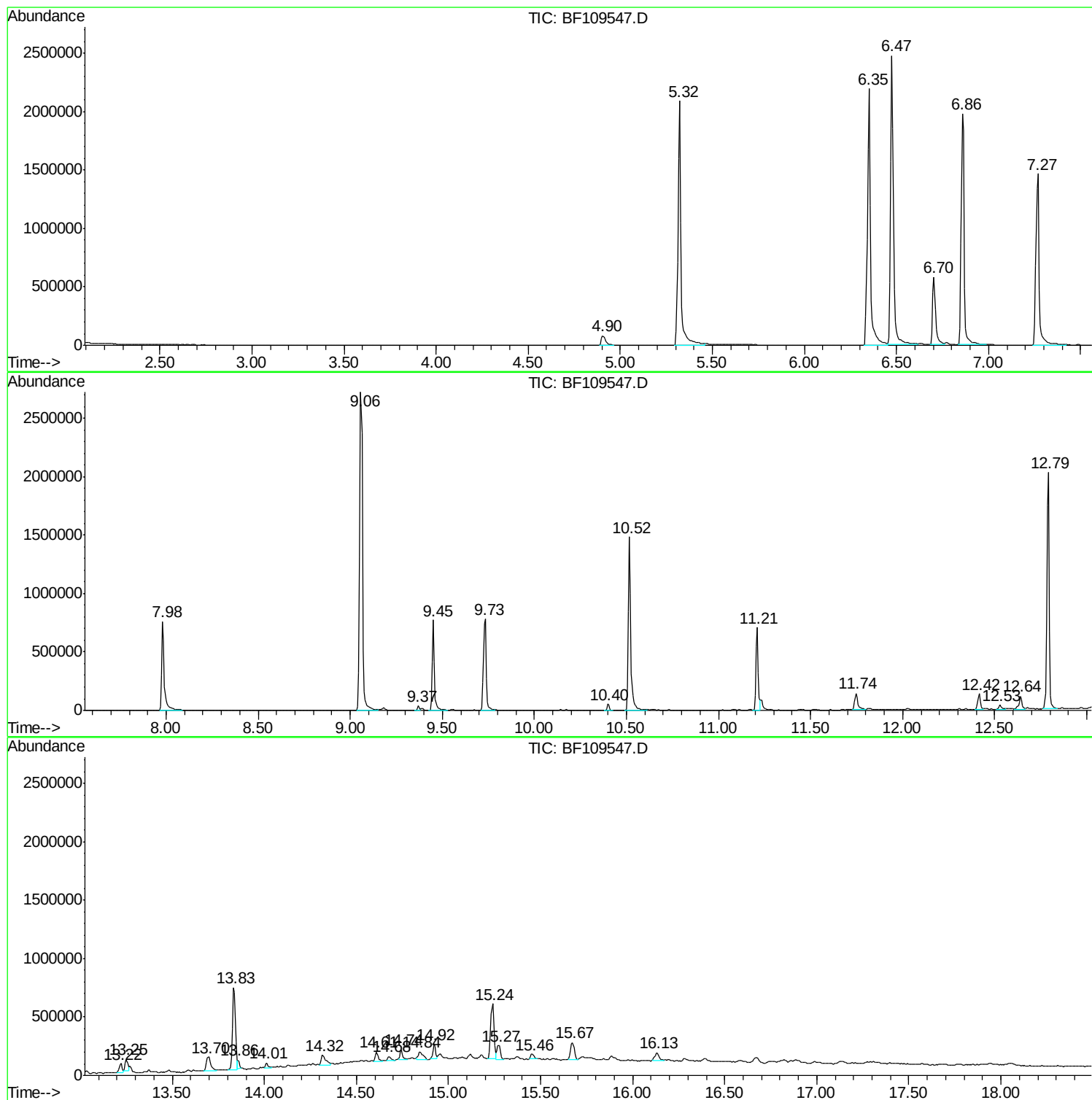
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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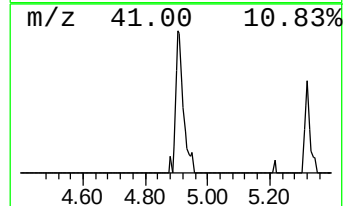
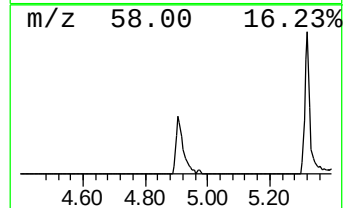
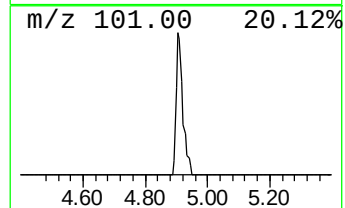
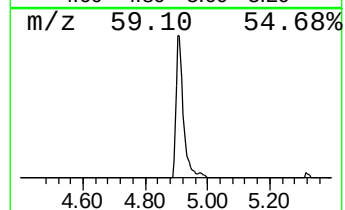
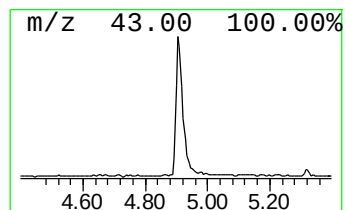
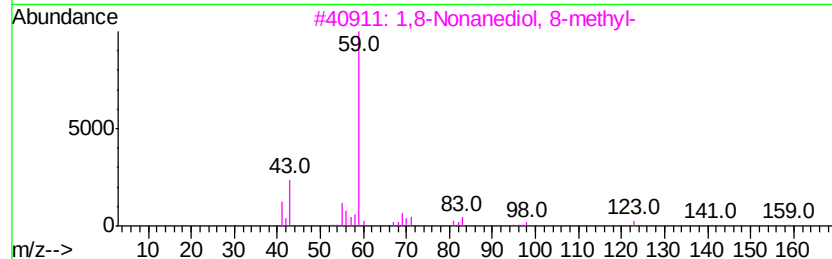
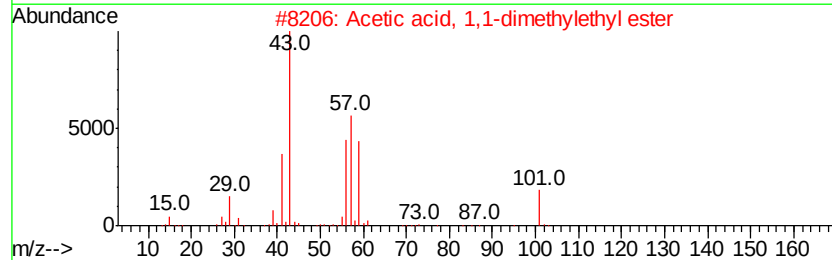
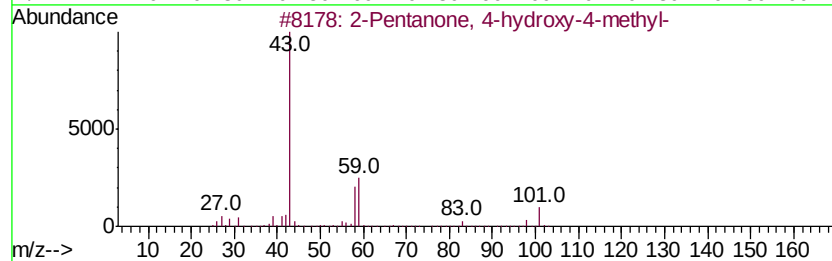
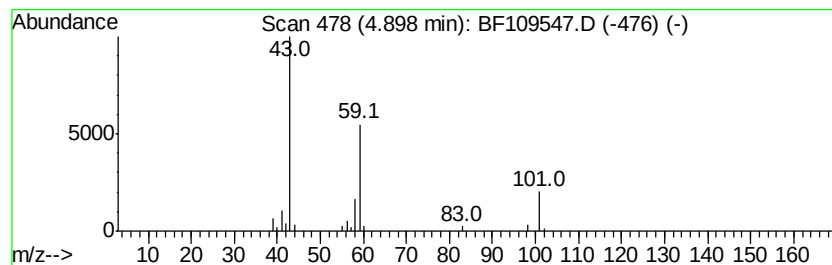
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.90 | 3.90 ng | 122609 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    |   | 1,8-Nonanediol, 8-methyl-           | 174 | C10H22O2 | 054725-73-4 | 23   |
| 4    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |    |   | Acetamide, N-(aminocarbonyl)-       | 102 | C3H6N2O2 | 000591-07-1 | 9    |



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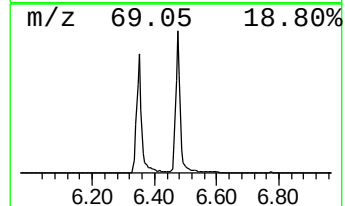
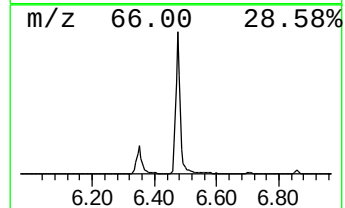
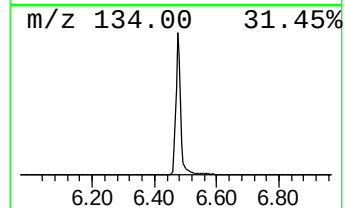
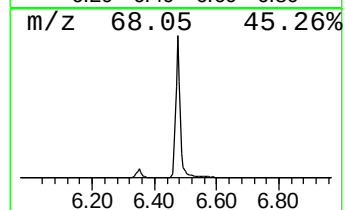
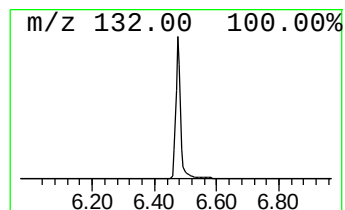
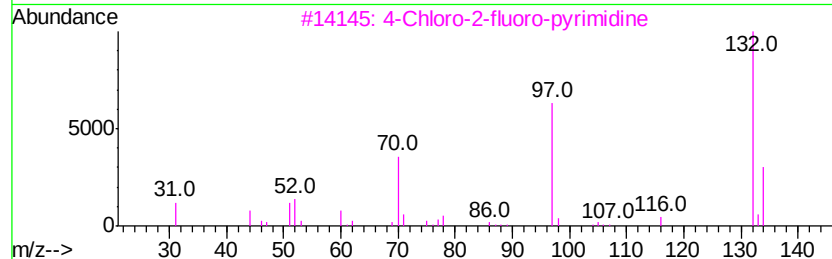
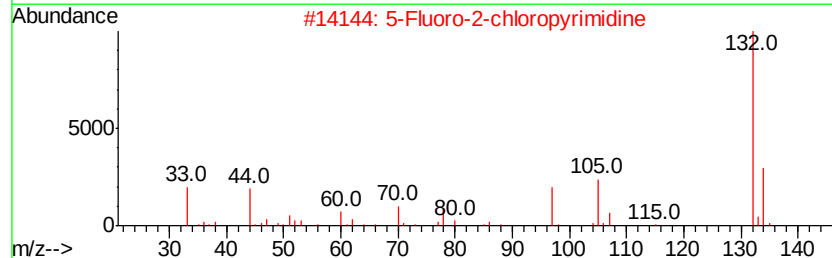
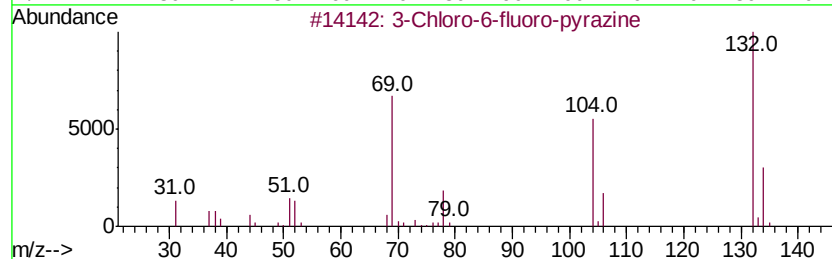
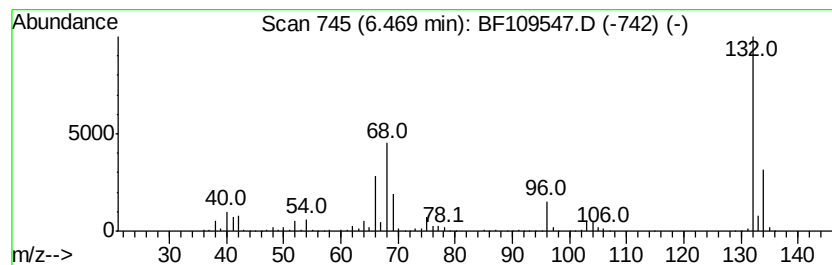
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.47 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.47 | 85.92 ng | 2703290 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 4    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 9    |
| 5    |    | 1,2,4-Trifluorobenzene              | 132 | C6H3F3    | 000367-23-7  | 9    |



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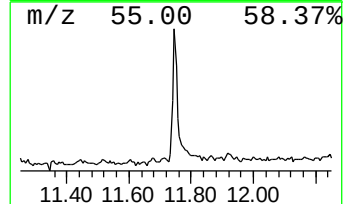
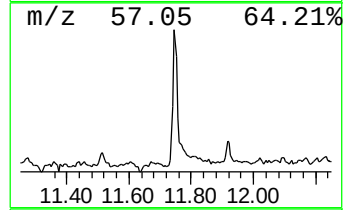
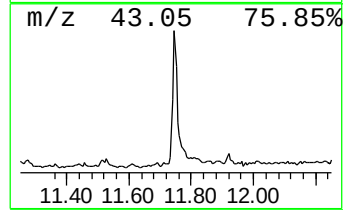
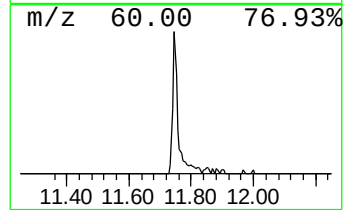
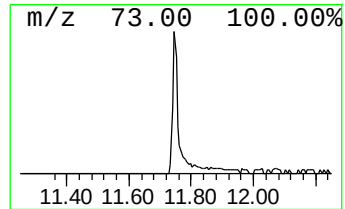
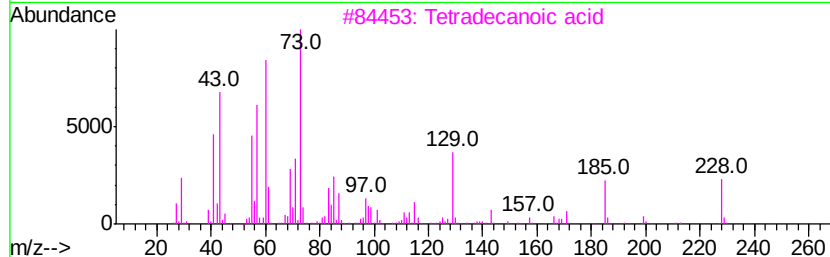
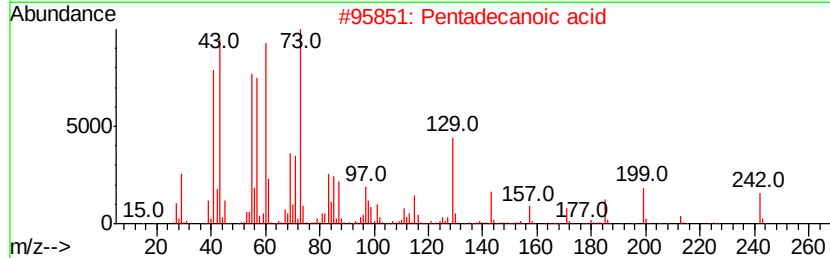
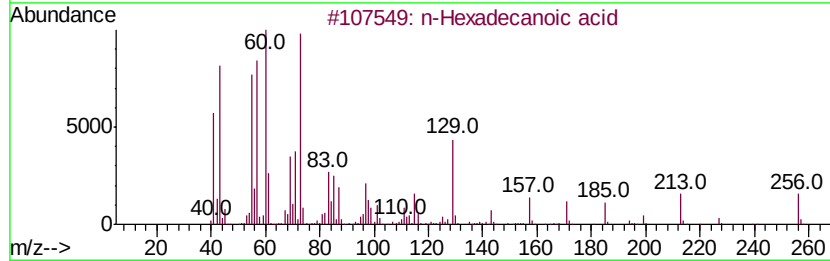
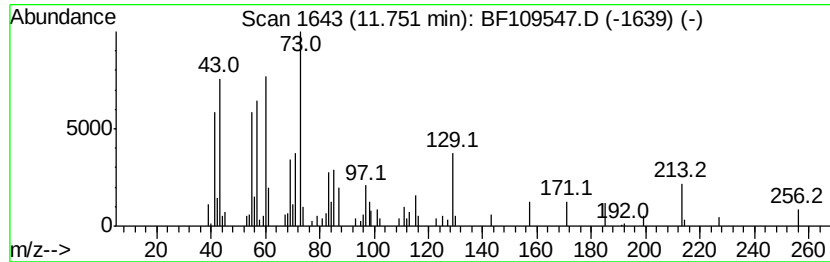
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.75 | 4.73 ng | 156859 | Phenanthrene-d10 | 11.21 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 3    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 86   |
| 4    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |
| 5    |    | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 72   |



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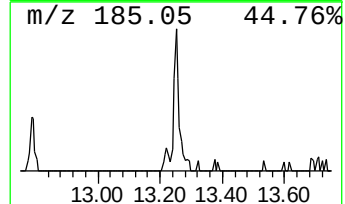
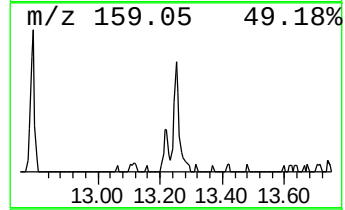
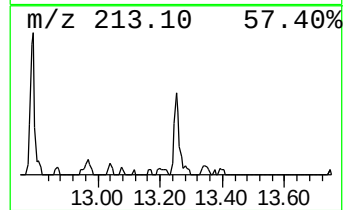
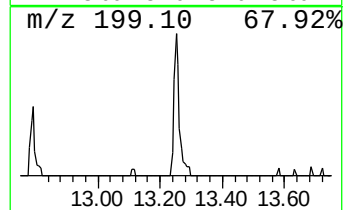
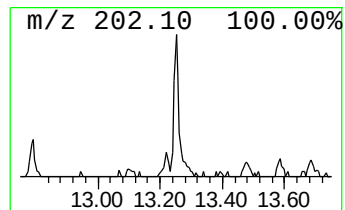
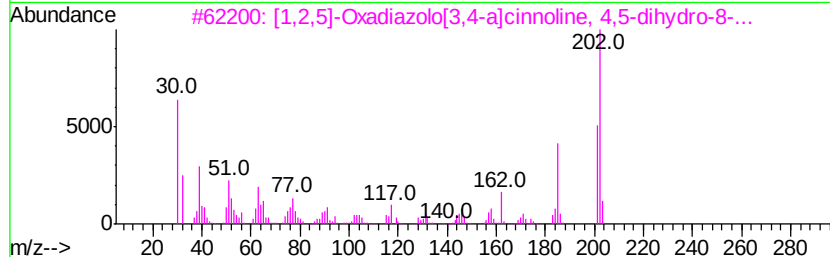
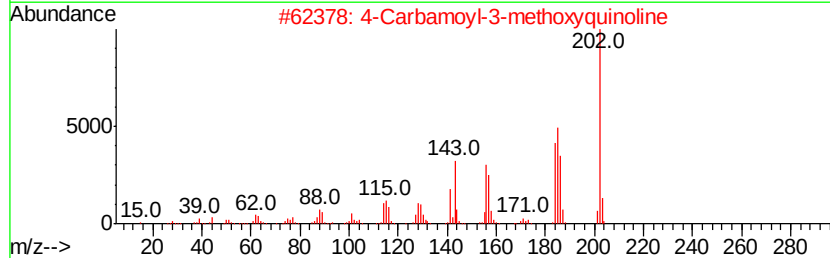
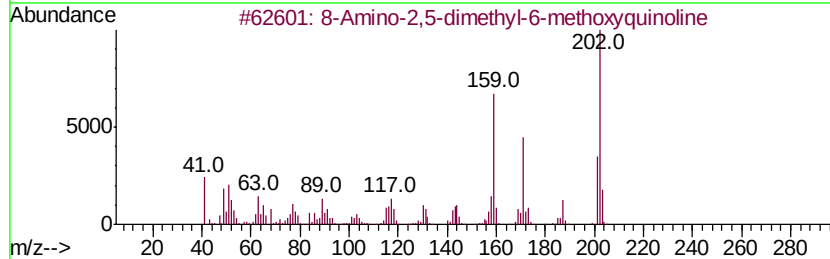
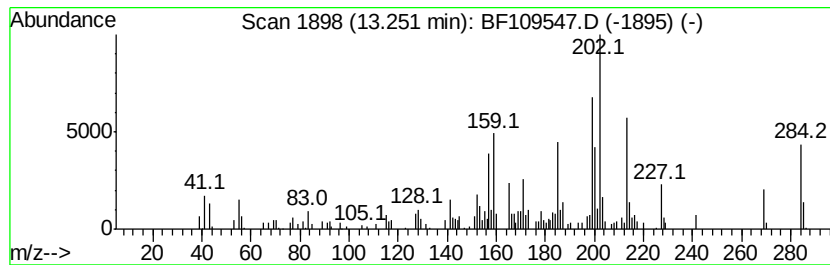
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown13.25 Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.25 | 2.64 ng | 100414 | Chrysene-d12     | 13.84 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 8-Amino-2,5-dimethyl-6-methoxyqu... | 202 | C12H14N2O  | 1000214-69-9 | 35   |
| 2    |    | 4-Carbamoyl-3-methoxyquinoline      | 202 | C11H10N2O2 | 020844-05-7  | 30   |
| 3    |    | [1,2,5]-Oxadiazolo[3,4-a]cinnoli... | 202 | C10H10N4O  | 1000260-59-4 | 20   |
| 4    |    | 1-Naphthalenecarboxylic acid, 2-... | 202 | C12H10O3   | 000947-62-6  | 20   |
| 5    |    | 4-Methoxy-naphthalene-1-carboxyl... | 202 | C12H10O3   | 1000317-85-4 | 18   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

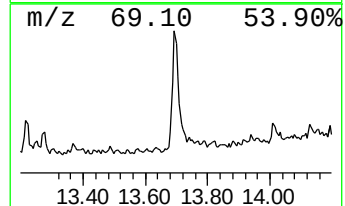
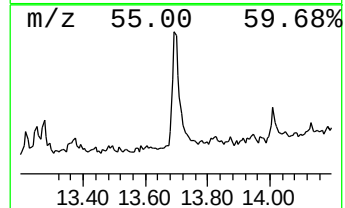
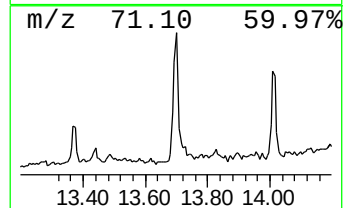
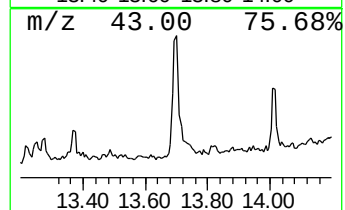
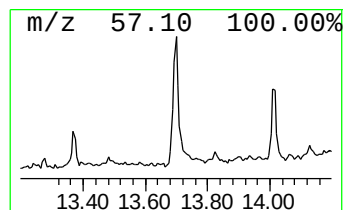
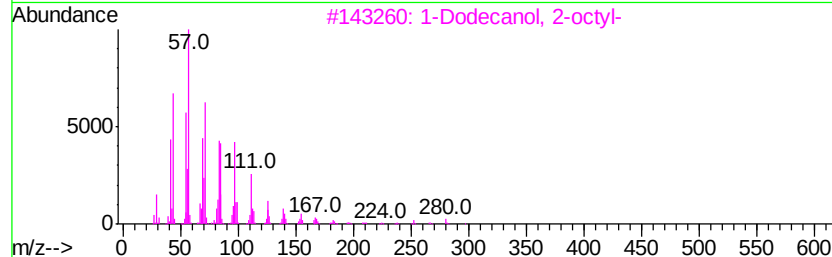
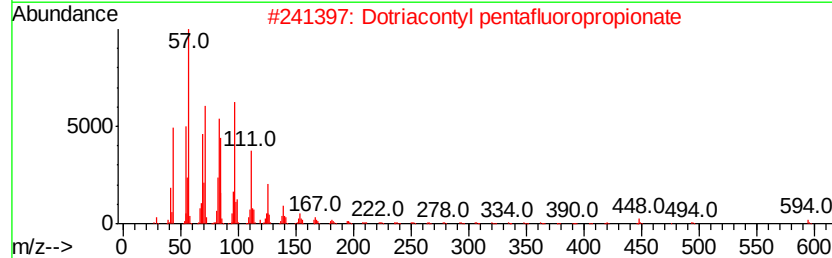
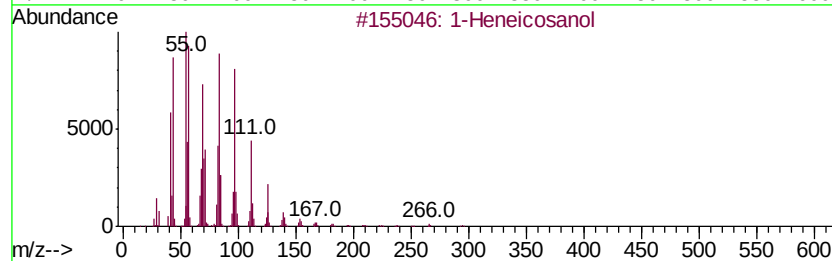
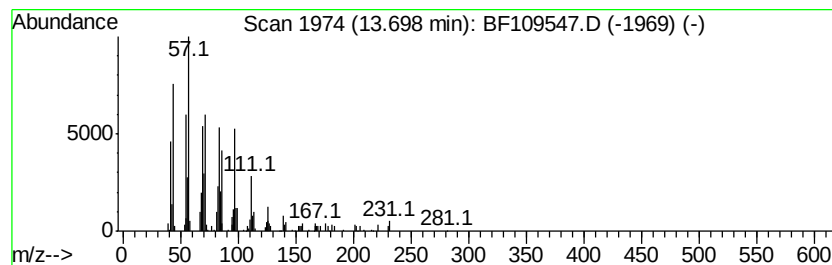
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 1-Heneicosanol Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.70 | 5.11 ng | 194631 | Chrysene-d12     | 13.84 |

| Hit# of | 5                                  | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|---------|------------------------------------|--------------|-----|------------|--------------|------|
| 1       | 1-Heneicosanol                     |              | 312 | C21H44O    | 015594-90-8  | 92   |
| 2       | Dotriacontyl pentafluoropropionate |              | 612 | C35H65F5O2 | 1000351-81-4 | 91   |
| 3       | 1-Dodecanol, 2-octyl-              |              | 298 | C20H42O    | 005333-42-6  | 91   |
| 4       | Hexacosyl heptafluorobutyrate      |              | 578 | C30H53F7O2 | 1000351-83-3 | 90   |
| 5       | Octacosyl heptafluorobutyrate      |              | 606 | C32H57F7O2 | 1000351-83-6 | 90   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\  
Data File : BF109547.D  
Acq On : 3 Oct 2018 15:40  
Operator : JU/SJ  
Sample : J5220-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

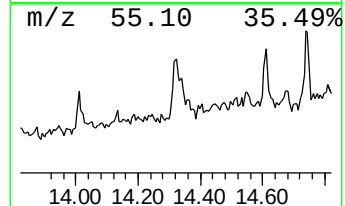
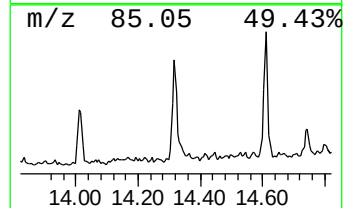
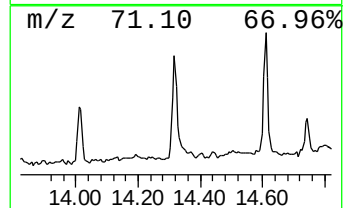
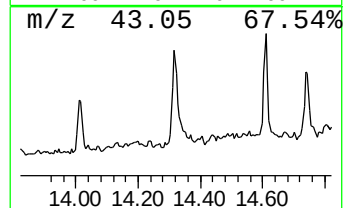
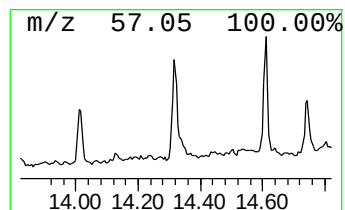
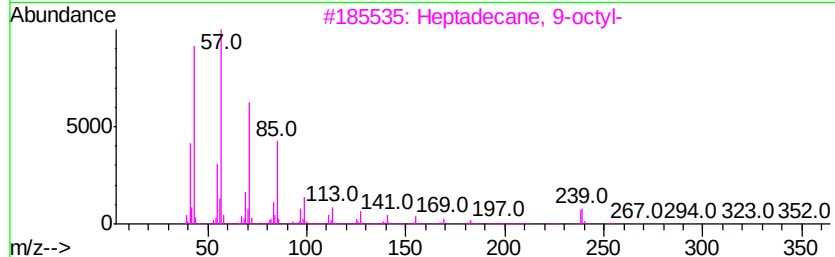
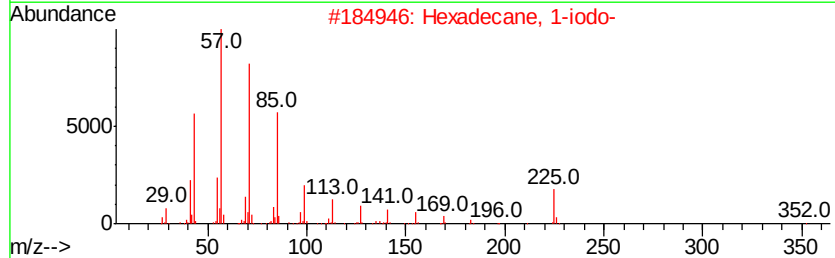
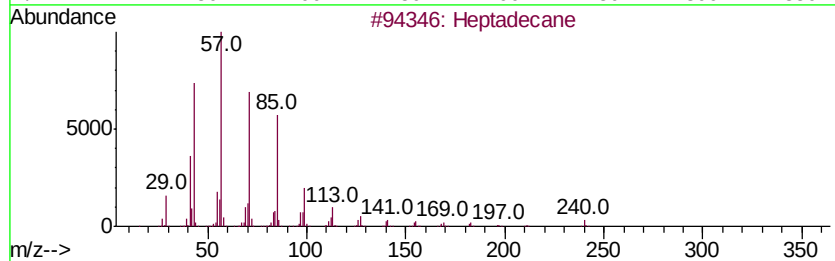
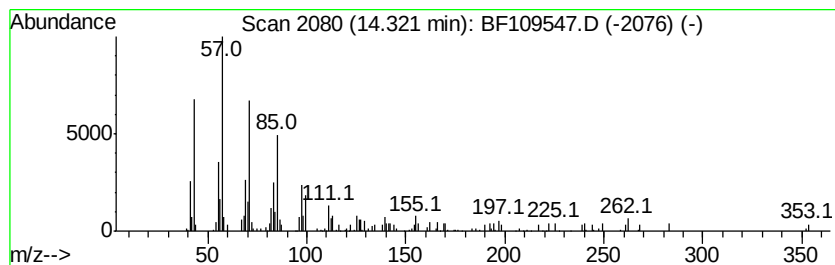
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Heptadecane Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.32 | 3.51 ng | 133680 | Chrysene-d12     | 13.84 |

| Hit# of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------|-----|---------|-------------|------|
| 1         | Heptadecane           | 240 | C17H36  | 000629-78-7 | 98   |
| 2         | Hexadecane, 1-iodo-   | 352 | C16H33I | 000544-77-4 | 87   |
| 3         | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 86   |
| 4         | Hexadecane, 2-methyl- | 240 | C17H36  | 001560-92-5 | 83   |
| 5         | Heptacosane           | 380 | C27H56  | 000593-49-7 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\  
Data File : BF109547.D  
Acq On : 3 Oct 2018 15:40  
Operator : JU/SJ  
Sample : J5220-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

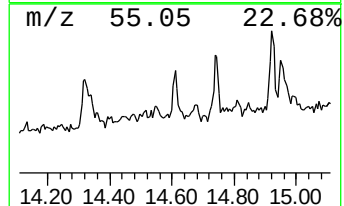
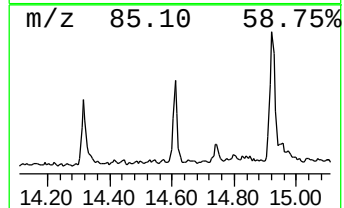
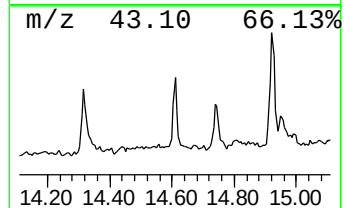
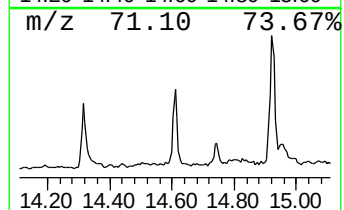
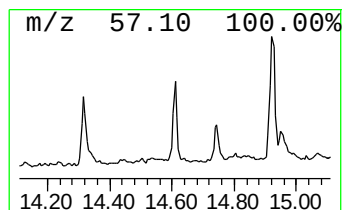
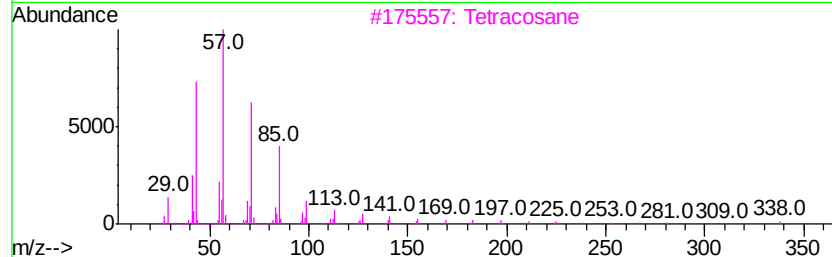
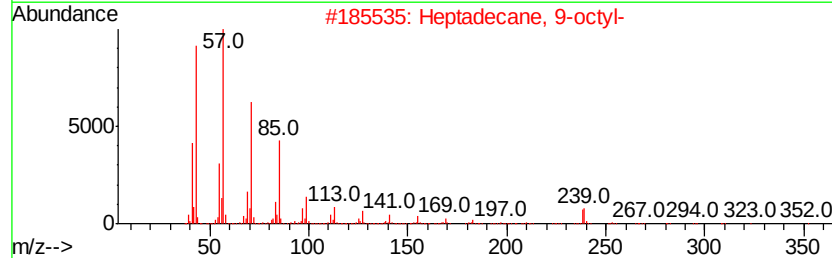
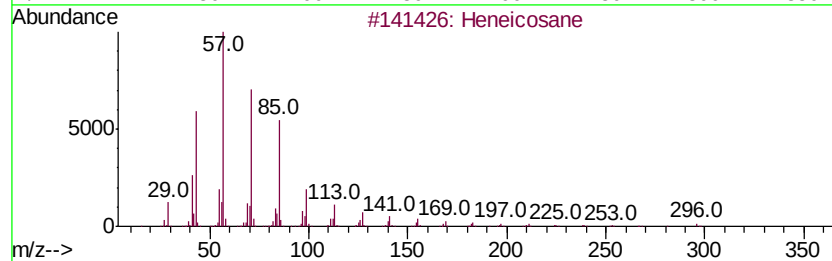
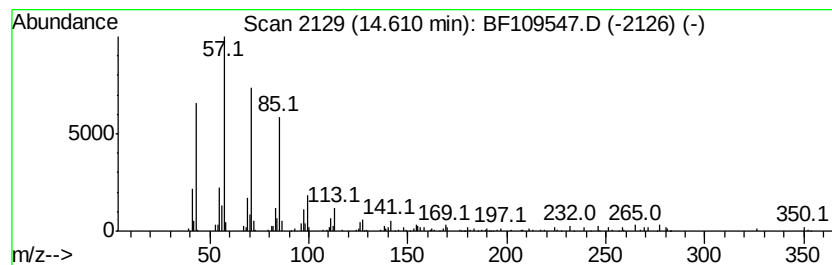
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ClientSampleId :  
TS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.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 8 Heneicosane Concentration Rank 11

| R.T.    | EstConc               | Area         | Relative to ISTD | R.T.      |
|---------|-----------------------|--------------|------------------|-----------|
| 14.61   | 2.92 ng               | 82029        | Perylene-d12     | 15.24     |
| Hit# of | 5                     | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heneicosane           | 296 C21H44   | 000629-94-7      | 91        |
| 2       | Heptadecane, 9-octyl- | 352 C25H52   | 007225-64-1      | 91        |
| 3       | Tetracosane           | 338 C24H50   | 000646-31-1      | 90        |
| 4       | Eicosane, 7-hexyl-    | 366 C26H54   | 055333-99-8      | 90        |
| 5       | Pentadecane, 8-hexyl- | 296 C21H44   | 013475-75-7      | 90        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\  
Data File : BF109547.D  
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Operator : JU/SJ  
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

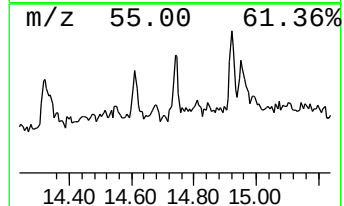
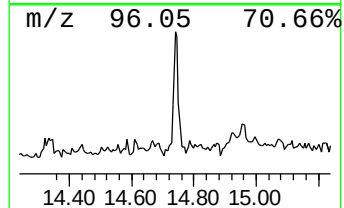
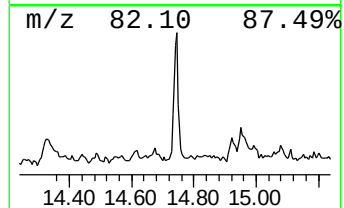
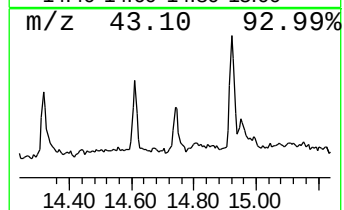
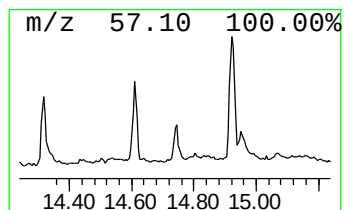
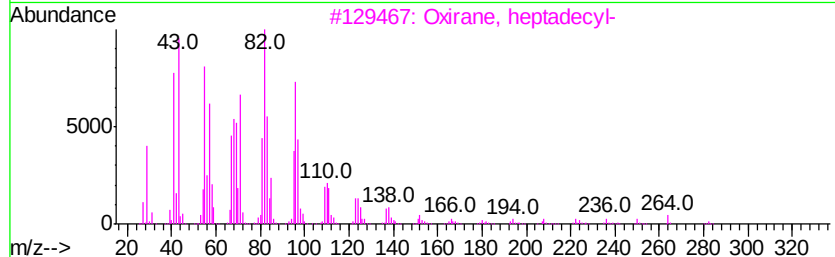
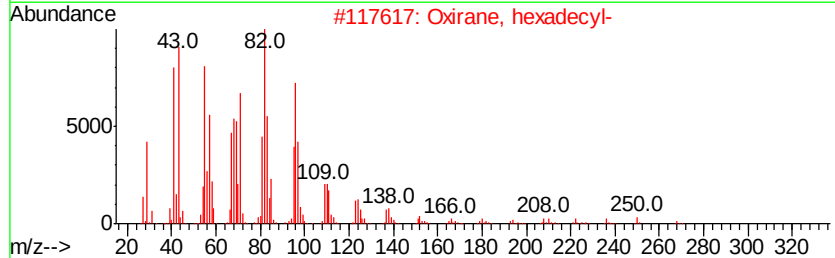
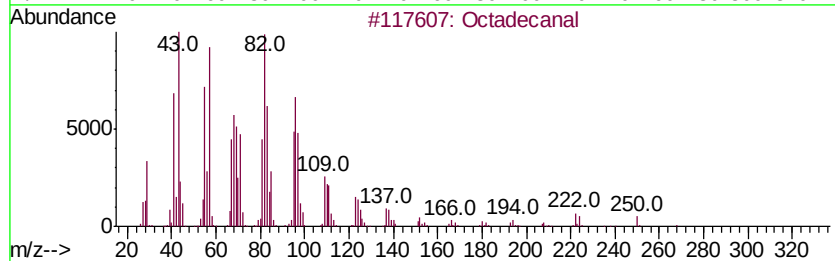
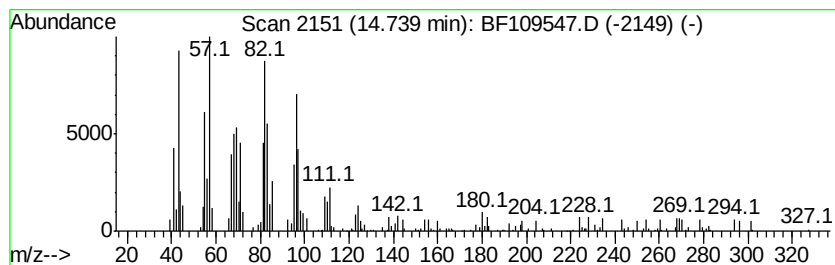
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Octadecanal Concentration Rank 10

| R.T.      | EstConc              | Area  | Relative to ISTD | R.T.         |      |
|-----------|----------------------|-------|------------------|--------------|------|
| 14.74     | 3.18 ng              | 89353 | Perylene-d12     | 15.24        |      |
| Hit# of 5 | Tentative ID         | MW    | MolForm          | CAS#         | Qual |
| 1         | Octadecanal          | 268   | C18H36O          | 000638-66-4  | 94   |
| 2         | Oxirane, hexadecyl-  | 268   | C18H36O          | 007390-81-0  | 94   |
| 3         | Oxirane, heptadecyl- | 282   | C19H38O          | 067860-04-2  | 90   |
| 4         | Heptadecanal         | 254   | C17H34O          | 1000376-70-0 | 87   |
| 5         | Pentadecanal-        | 226   | C15H30O          | 002765-11-9  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\  
Data File : BF109547.D  
Acq On : 3 Oct 2018 15:40  
Operator : JU/SJ  
Sample : J5220-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TS-05

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

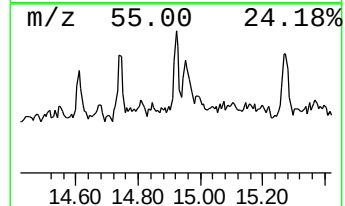
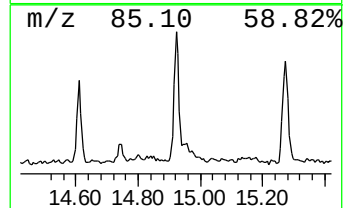
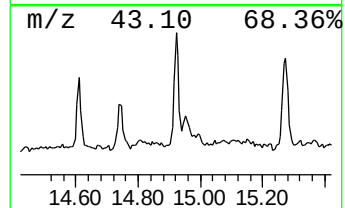
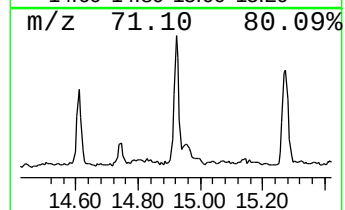
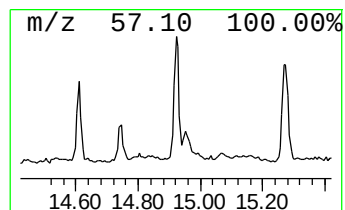
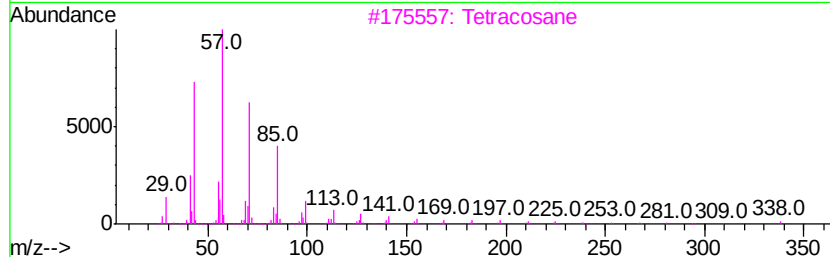
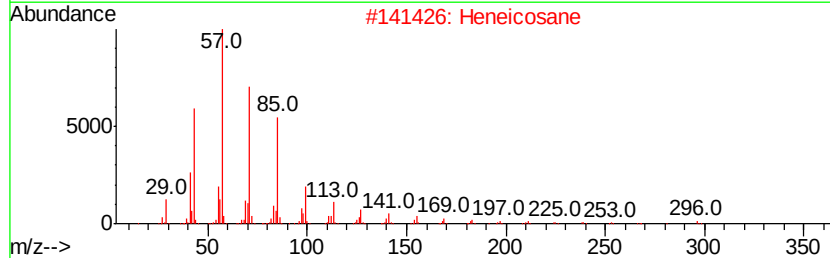
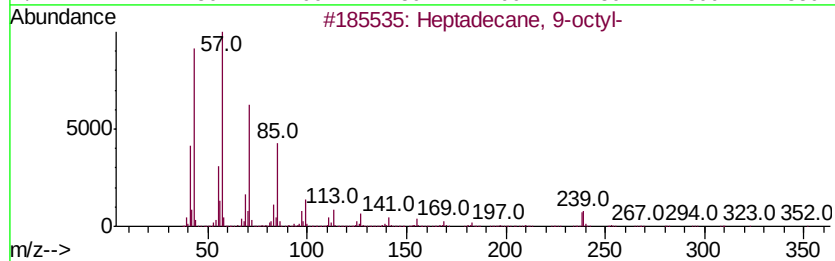
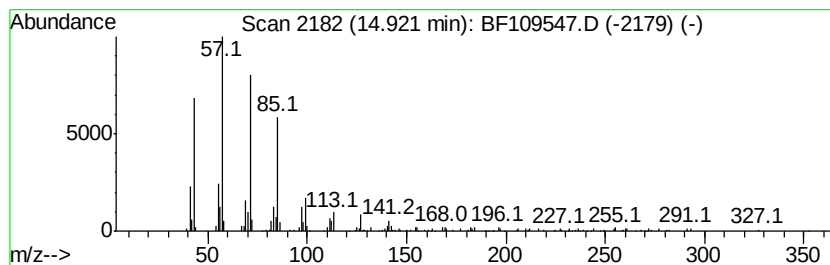
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.92 | 4.86 ng | 136503 | Perylene-d12     | 15.24 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 94   |
| 2    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 91   |
| 4    |    | Dodecane, 2-methyl-   | 184 | C13H28  | 001560-97-0 | 87   |
| 5    |    | Nonadecane            | 268 | C19H40  | 000629-92-5 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\  
Data File : BF109547.D  
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Operator : JU/SJ  
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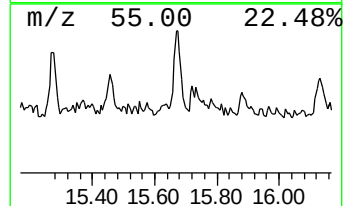
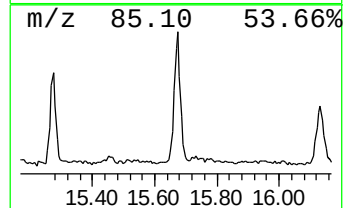
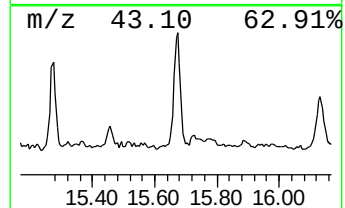
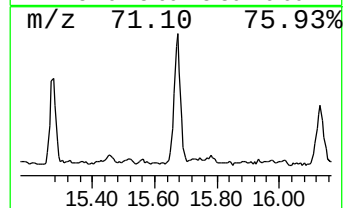
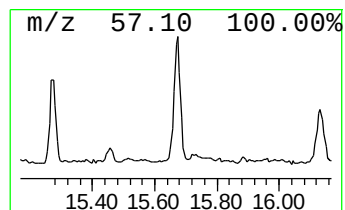
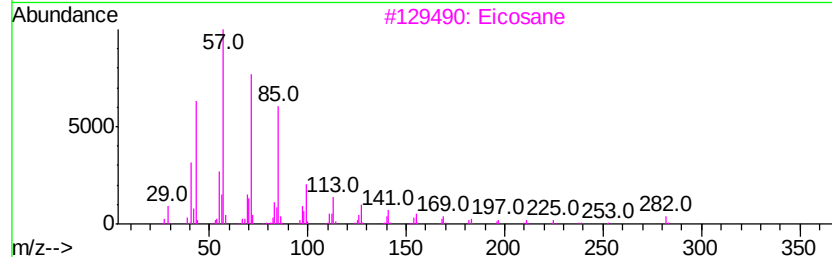
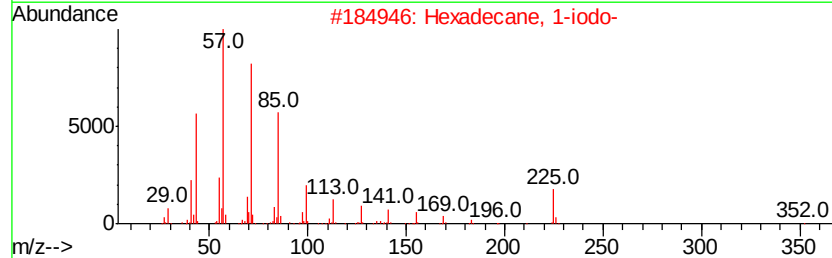
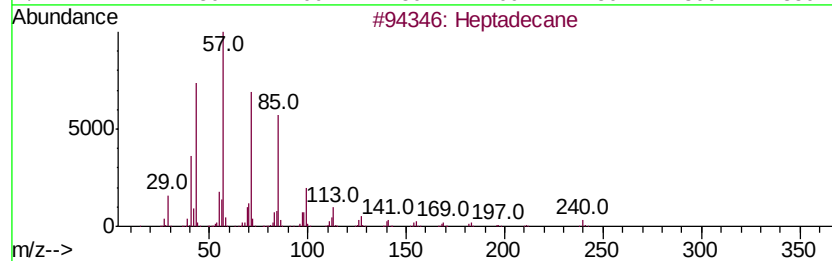
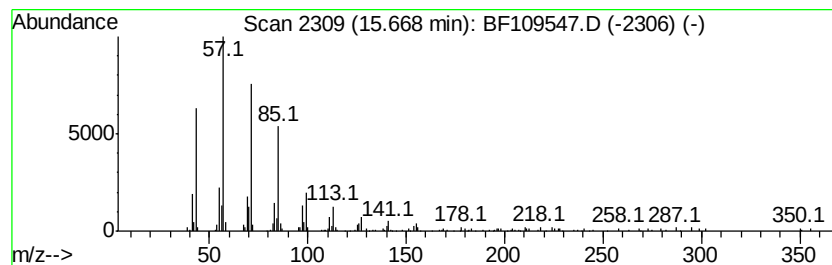
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Hexadecane, 1-iodo- Concentration Rank 3

| R.T.      | EstConc             | Area   | Relative to ISTD |              | R.T.  |
|-----------|---------------------|--------|------------------|--------------|-------|
| 15.67     | 6.81 ng             | 191213 | Perylene-d12     |              | 15.24 |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#         | Qual  |
| 1         | Heptadecane         | 240    | C17H36           | 000629-78-7  | 94    |
| 2         | Hexadecane, 1-iodo- | 352    | C16H33I          | 000544-77-4  | 93    |
| 3         | Eicosane            | 282    | C20H42           | 000112-95-8  | 91    |
| 4         | Heneicosane         | 296    | C21H44           | 000629-94-7  | 91    |
| 5         | 2-methyloctacosane  | 408    | C29H60           | 1000376-72-8 | 91    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\  
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Operator : JU/SJ  
Sample : J5220-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

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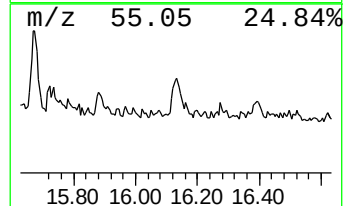
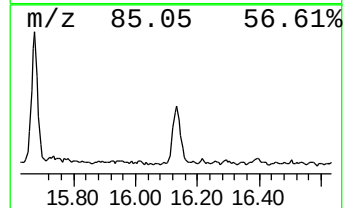
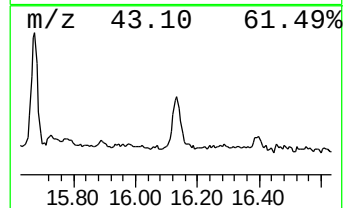
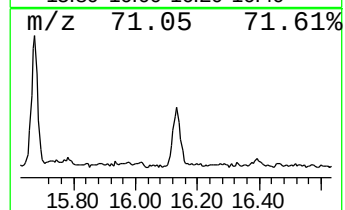
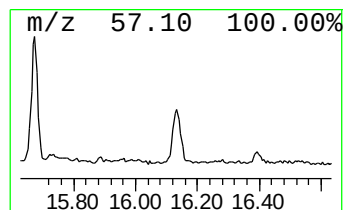
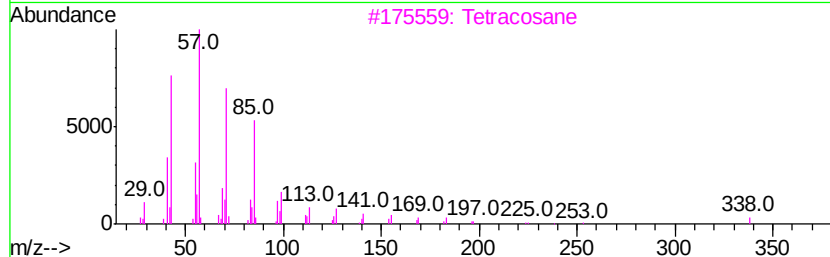
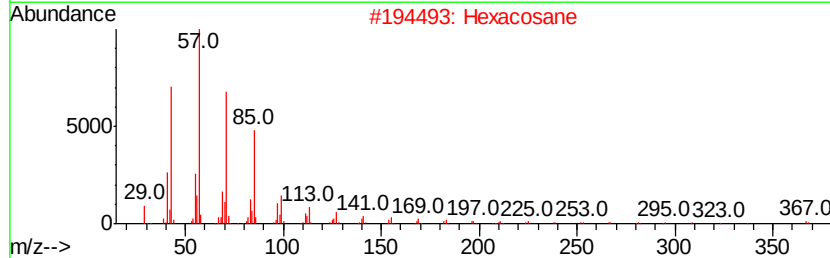
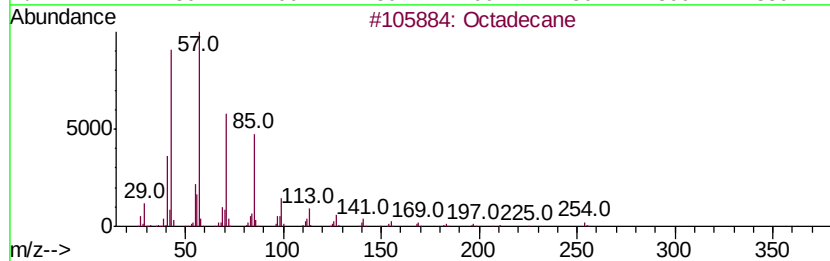
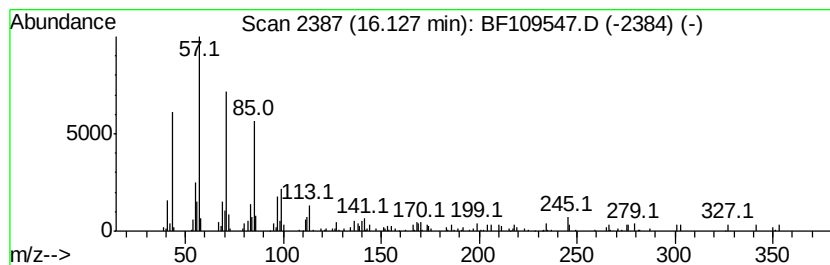
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Octadecane Concentration Rank 9

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 16.13 | 3.41 ng | 95740 | Perylene-d12     | 15.24 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane   | 254 | C18H38  | 000593-45-3 | 93   |
| 2    |    | Hexacosane   | 366 | C26H54  | 000630-01-3 | 90   |
| 3    |    | Tetracosane  | 338 | C24H50  | 000646-31-1 | 87   |
| 4    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 87   |
| 5    |    | Heptacosane  | 380 | C27H56  | 000593-49-7 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF100318\  
Data File : BF109547.D  
Acq On : 3 Oct 2018 15:40  
Operator : JU/SJ  
Sample : J5220-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.90  | 3.9     | ng    | 122609   | 1                     | 6.70  | 629249 | 20.0 |
| unknown6.47          | 6.47  | 85.9    | ng    | 2703290  | 1                     | 6.70  | 629249 | 20.0 |
| n-Hexadecanoic acid  | 11.75 | 4.7     | ng    | 156859   | 4                     | 11.21 | 663335 | 20.0 |
| unknown13.25         | 13.25 | 2.6     | ng    | 100414   | 5                     | 13.84 | 761033 | 20.0 |
| 1-Heneicosanol       | 13.70 | 5.1     | ng    | 194631   | 5                     | 13.84 | 761033 | 20.0 |
| Heptadecane          | 14.32 | 3.5     | ng    | 133680   | 5                     | 13.84 | 761033 | 20.0 |
| Heneicosane          | 14.61 | 2.9     | ng    | 82029    | 6                     | 15.24 | 561546 | 20.0 |
| Octadecanal          | 14.74 | 3.2     | ng    | 89353    | 6                     | 15.24 | 561546 | 20.0 |
| Heptadecane, 9-oc... | 14.92 | 4.9     | ng    | 136503   | 6                     | 15.24 | 561546 | 20.0 |
| Hexadecane, 1-iodo-  | 15.67 | 6.8     | ng    | 191213   | 6                     | 15.24 | 561546 | 20.0 |
| Octadecane           | 16.13 | 3.4     | ng    | 95740    | 6                     | 15.24 | 561546 | 20.0 |