

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF030618\  
 Data File : BF103484.D  
 Acq On : 7 Mar 2018 4:06  
 Operator : SJ/JU  
 Sample : J1797-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SI-1

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

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

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.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         | 2.116       | 3             | 5           | 15           | rVB      | 190512         | 221583        | 6.21%           | 0.748%        |
| 2         | 5.104       | 510           | 513         | 527          | rBV      | 53948          | 86154         | 2.42%           | 0.291%        |
| 3         | 5.498       | 576           | 580         | 612          | rBV      | 2283140        | 3565919       | 100.00%         | 12.038%       |
| 4         | 6.510       | 748           | 752         | 771          | rBV      | 2487633        | 3554517       | 99.68%          | 12.000%       |
| 5         | 6.645       | 771           | 775         | 786          | rVV      | 2943002        | 3239370       | 90.84%          | 10.936%       |
| 6         | 6.869       | 810           | 813         | 836          | rVB      | 745912         | 858467        | 24.07%          | 2.898%        |
| 7         | 7.028       | 836           | 840         | 856          | rBV      | 2206163        | 2458213       | 68.94%          | 8.299%        |
| 8         | 7.439       | 906           | 910         | 935          | rBV      | 1651712        | 2212135       | 62.04%          | 7.468%        |
| 9         | 8.157       | 1028          | 1032        | 1057         | rVB      | 675137         | 1037539       | 29.10%          | 3.503%        |
| 10        | 9.027       | 1175          | 1180        | 1182         | rBV      | 46009          | 46205         | 1.30%           | 0.156%        |
| 11        | 9.092       | 1188          | 1191        | 1200         | rVB      | 233621         | 241771        | 6.78%           | 0.816%        |
| 12        | 9.227       | 1207          | 1214        | 1223         | rBV      | 3023761        | 3280075       | 91.98%          | 11.073%       |
| 13        | 9.410       | 1241          | 1245        | 1253         | rVB3     | 21984          | 46118         | 1.29%           | 0.156%        |
| 14        | 9.704       | 1292          | 1295        | 1304         | rBV3     | 31938          | 46433         | 1.30%           | 0.157%        |
| 15        | 9.910       | 1326          | 1330        | 1343         | rVB      | 918278         | 946121        | 26.53%          | 3.194%        |
| 16        | 10.298      | 1392          | 1396        | 1398         | rBV      | 98195          | 79163         | 2.22%           | 0.267%        |
| 17        | 10.321      | 1398          | 1400        | 1404         | rVB      | 68254          | 53125         | 1.49%           | 0.179%        |
| 18        | 10.710      | 1462          | 1466        | 1478         | rBV      | 1233513        | 1551994       | 43.52%          | 5.239%        |
| 19        | 10.798      | 1478          | 1481        | 1485         | rVB2     | 40637          | 46184         | 1.30%           | 0.156%        |
| 20        | 10.904      | 1494          | 1499        | 1503         | rBV      | 36958          | 42198         | 1.18%           | 0.142%        |
| 21        | 11.245      | 1554          | 1557        | 1560         | rBV      | 37957          | 36529         | 1.02%           | 0.123%        |
| 22        | 11.339      | 1569          | 1573        | 1576         | rBV2     | 43059          | 39754         | 1.11%           | 0.134%        |
| 23        | 11.404      | 1581          | 1584        | 1588         | rBV      | 692628         | 763884        | 21.42%          | 2.579%        |
| 24        | 11.551      | 1606          | 1609        | 1613         | rBV      | 170480         | 138514        | 3.88%           | 0.468%        |
| 25        | 11.674      | 1627          | 1630        | 1632         | rBV      | 52235          | 50421         | 1.41%           | 0.170%        |
| 26        | 11.916      | 1669          | 1671        | 1673         | rBV      | 48896          | 46957         | 1.32%           | 0.159%        |
| 27        | 11.951      | 1673          | 1677        | 1683         | rVB      | 533498         | 454882        | 12.76%          | 1.536%        |
| 28        | 12.080      | 1696          | 1699        | 1702         | rBV      | 51900          | 43280         | 1.21%           | 0.146%        |
| 29        | 12.468      | 1762          | 1765        | 1768         | rVB      | 69027          | 52059         | 1.46%           | 0.176%        |
| 30        | 12.845      | 1826          | 1829        | 1831         | rBV      | 105348         | 95803         | 2.69%           | 0.323%        |
| 31        | 12.992      | 1849          | 1854        | 1857         | rBV      | 2199943        | 2127666       | 59.67%          | 7.183%        |
| 32        | 13.198      | 1886          | 1889        | 1893         | rVB      | 152554         | 137474        | 3.86%           | 0.464%        |
| 33        | 13.539      | 1944          | 1947        | 1951         | rBV      | 130241         | 121797        | 3.42%           | 0.411%        |
| 34        | 13.868      | 2000          | 2003        | 2012         | rBV      | 287004         | 336080        | 9.42%           | 1.135%        |

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Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SI-1

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

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

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 14.009 | 2024 | 2027 | 2029 | rBV  | 71191  | 62070  | 1.74%  | 0.210% |
| 36 | 14.062 | 2032 | 2036 | 2040 | rBV  | 603915 | 620038 | 17.39% | 2.093% |
| 37 | 14.192 | 2055 | 2058 | 2062 | rBV  | 58270  | 57485  | 1.61%  | 0.194% |
| 38 | 14.504 | 2108 | 2111 | 2116 | rBV3 | 43926  | 83359  | 2.34%  | 0.281% |
| 39 | 14.804 | 2158 | 2162 | 2168 | rBV3 | 129451 | 184833 | 5.18%  | 0.624% |
| 40 | 14.886 | 2173 | 2176 | 2179 | rBV  | 82014  | 96528  | 2.71%  | 0.326% |
| 41 | 15.574 | 2289 | 2293 | 2303 | rVB  | 322725 | 458344 | 12.85% | 1.547% |

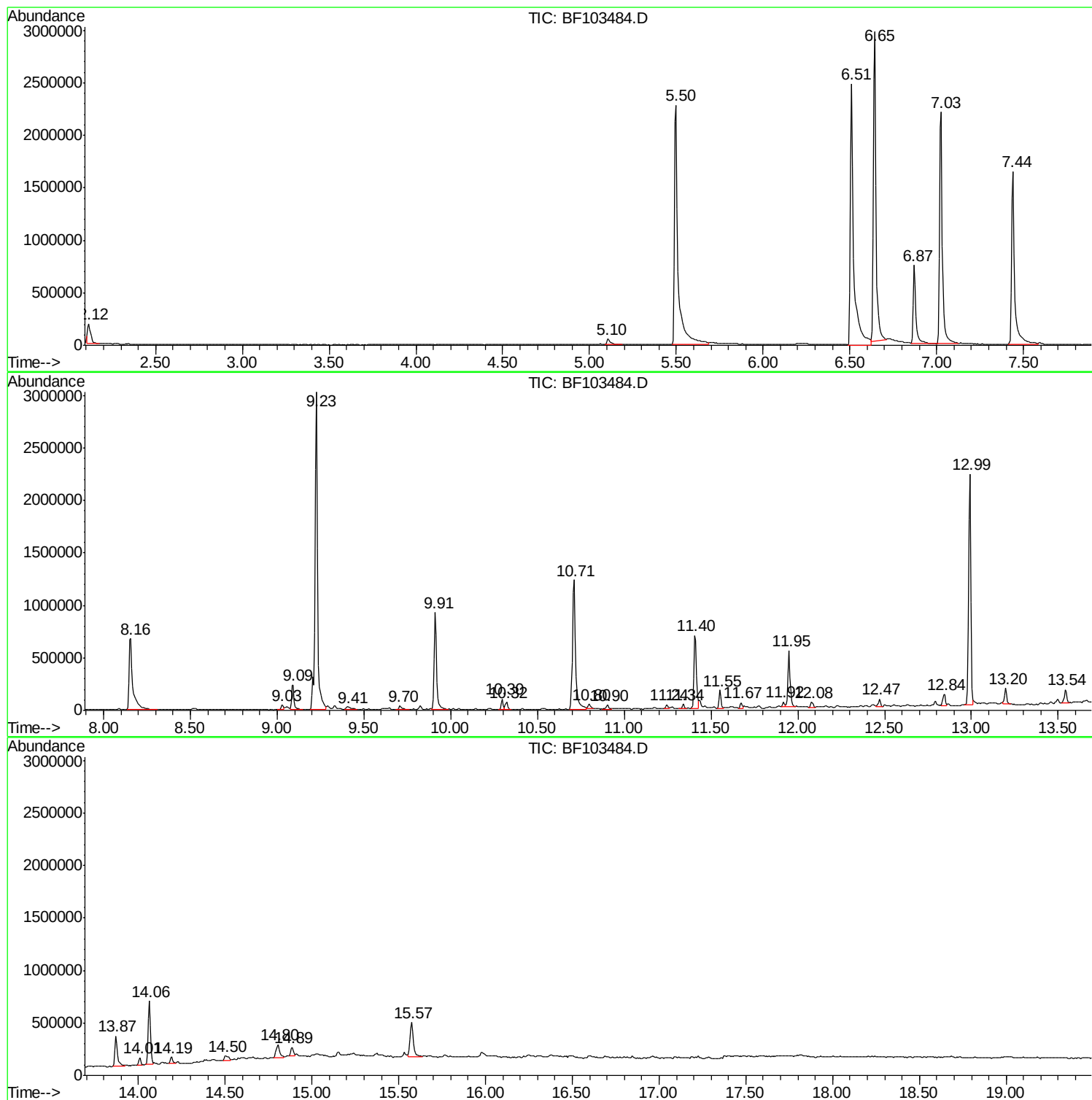
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 26 Sample Multiplier: 1

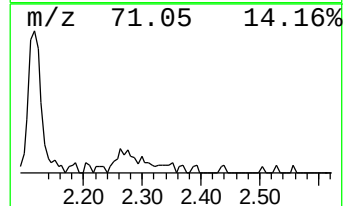
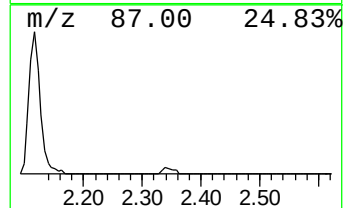
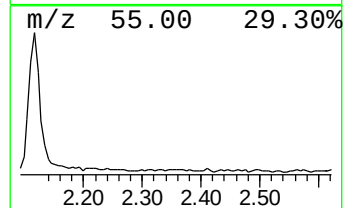
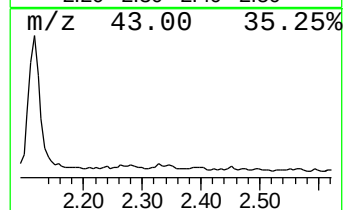
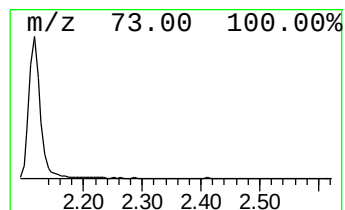
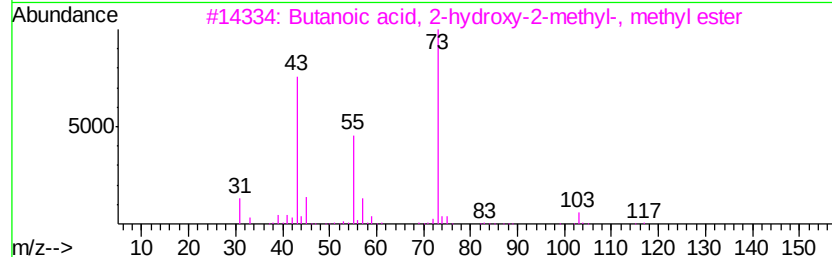
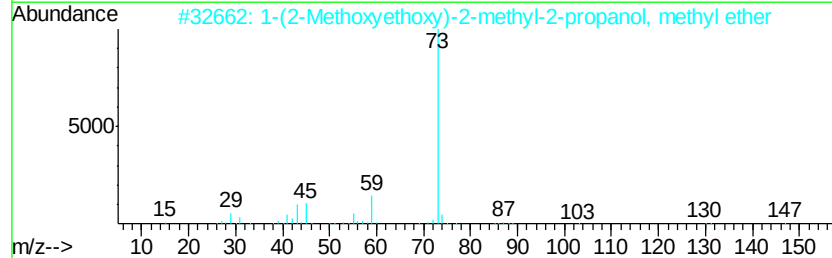
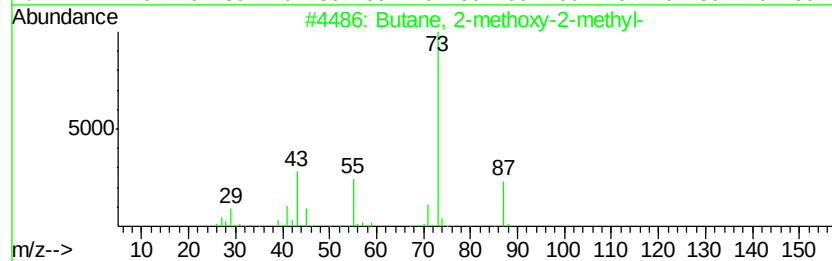
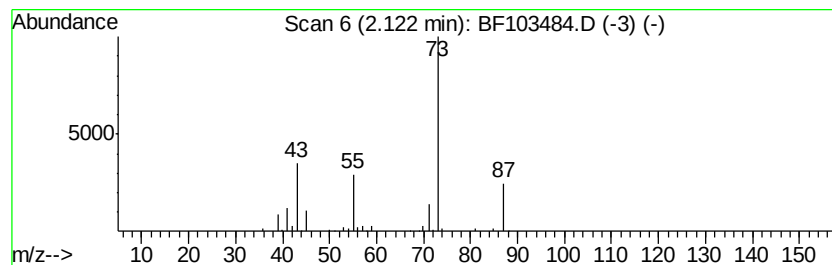
Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|--------------|------|
| 2.12      | 5.16 ng                             | 221583 | 1,4-Dichlorobenzene-d4 | 6.87         |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#         | Qual |
| 1         | Butane, 2-methoxy-2-methyl-         | 102    | C6H14O                 | 000994-05-8  | 72   |
| 2         | 1-(2-Methoxyethoxy)-2-methyl-2-p... | 162    | C8H18O3                | 1000364-24-4 | 17   |
| 3         | Butanoic acid, 2-hydroxy-2-methv... | 132    | C6H12O3                | 032793-34-3  | 17   |
| 4         | N-Ethylformamide                    | 73     | C3H7NO                 | 000627-45-2  | 9    |
| 5         | Silane, tetramethyl-                | 88     | C4H12Si                | 000075-76-3  | 9    |



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Misc :  
ALS Vial : 26 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

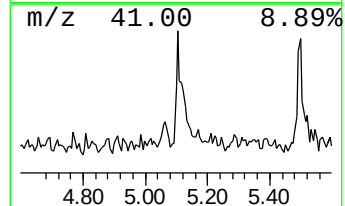
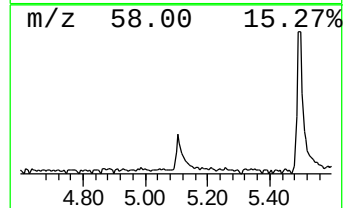
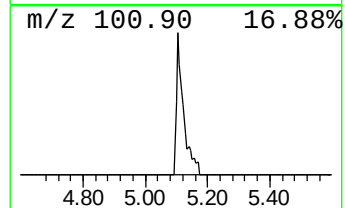
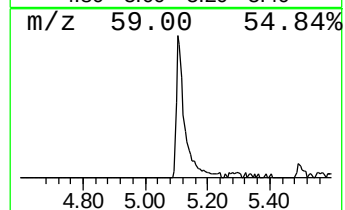
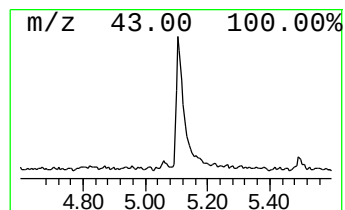
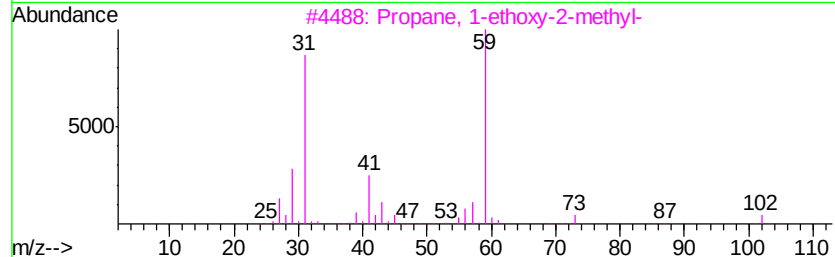
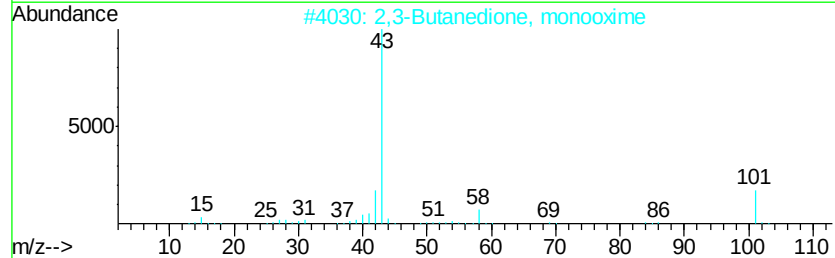
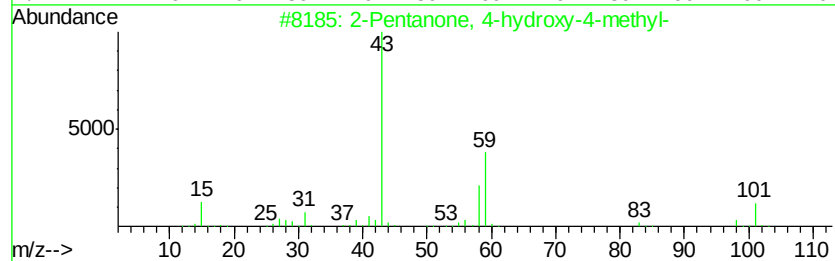
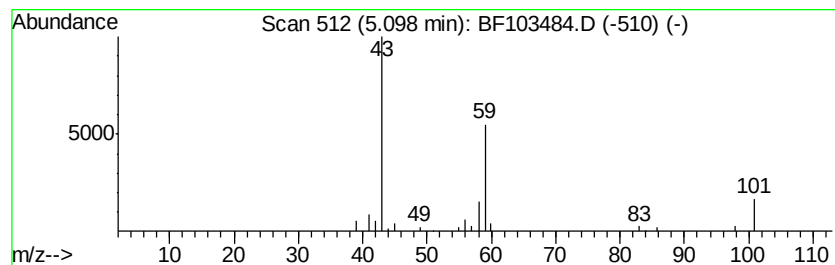
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.10 | 2.01 ng | 86154 | 1,4-Dichlorobenzene-d4 | 6.87 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2  | 000057-71-6 | 25   |
| 3    |    |   | Propane, 1-ethoxy-2-methyl-      | 102 | C6H14O   | 000627-02-1 | 25   |
| 4    |    |   | 3-Hexanol, 4-methyl-             | 116 | C7H16O   | 000615-29-2 | 25   |
| 5    |    |   | 1,8-Nonanediol, 8-methyl-        | 174 | C10H22O2 | 054725-73-4 | 17   |



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Instrument :  
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ClientSampleId :  
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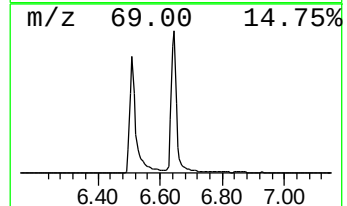
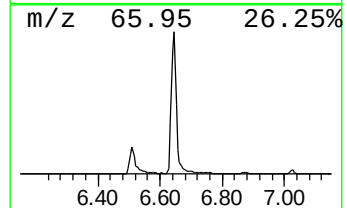
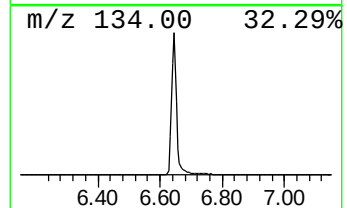
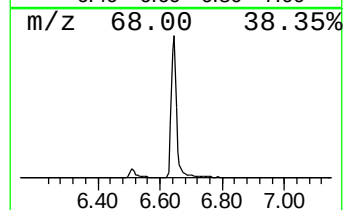
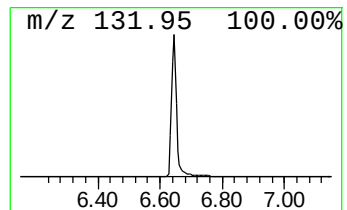
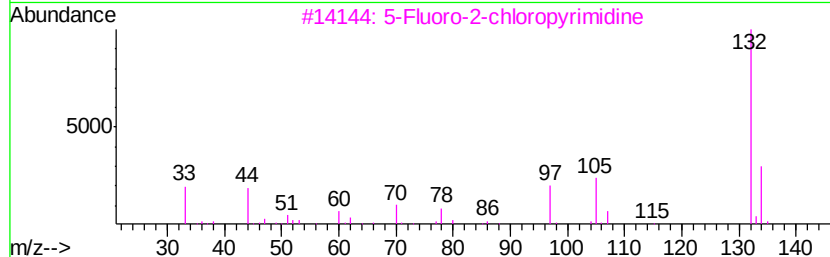
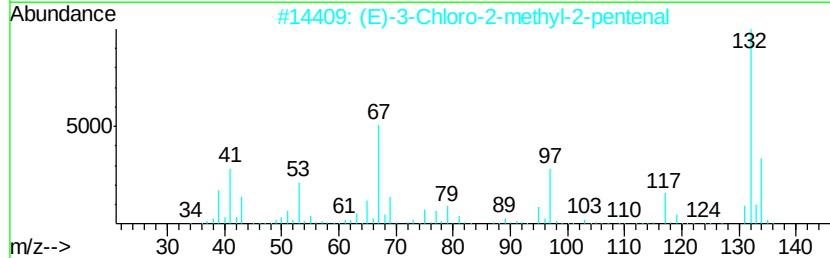
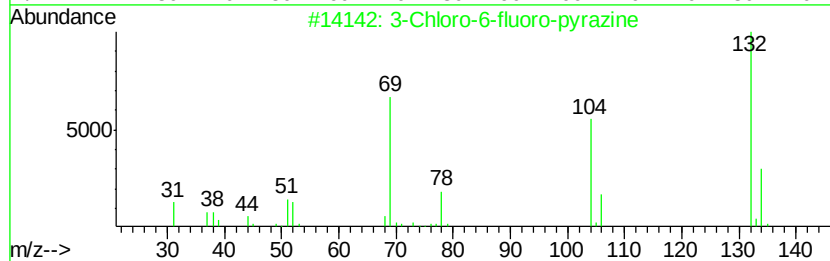
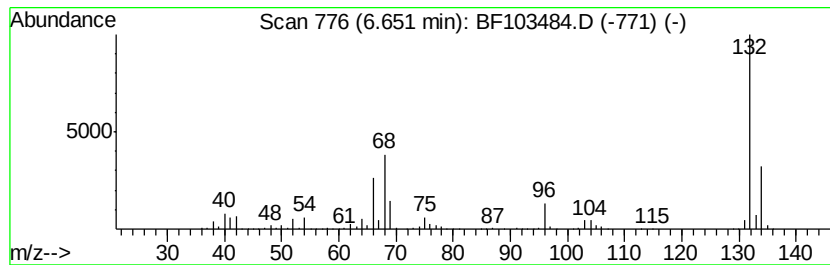
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 unknown6.65 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.65 | 75.47 ng | 3239370 | 1,4-Dichlorobenzene-d4 | 6.87 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 4    |    | Tranvlcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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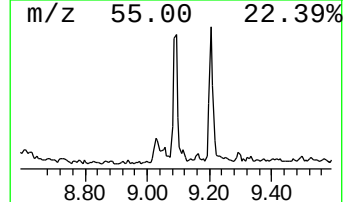
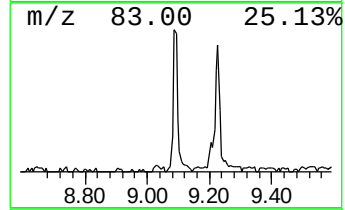
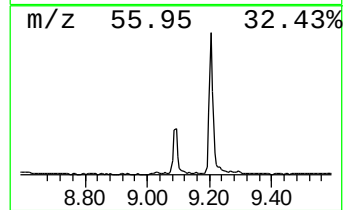
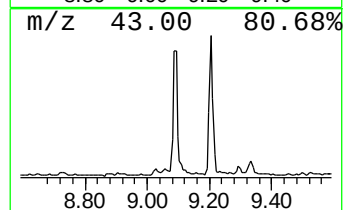
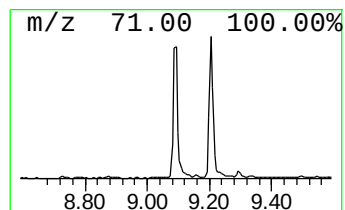
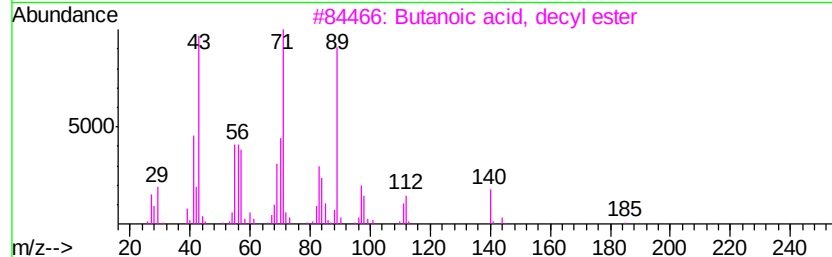
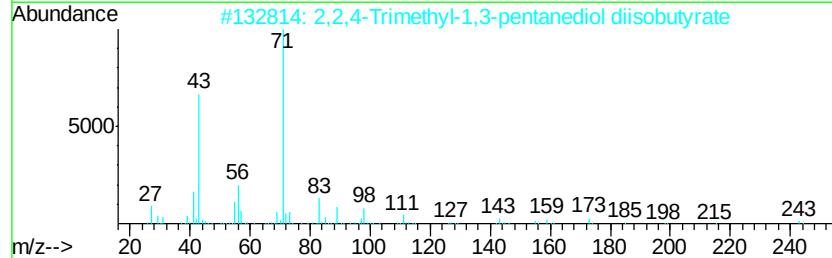
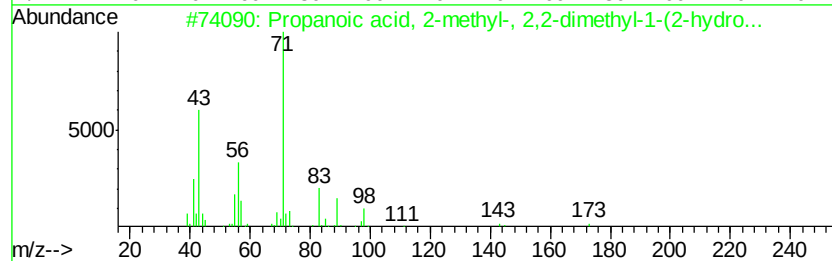
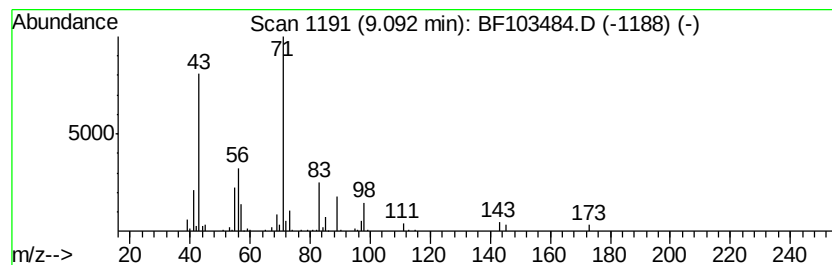
Instrument :  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 9.09      | 5.11 ng                             | 241771 | Acenaphthene-d10 | 9.91        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Propanoic acid, 2-methyl-, 2,2-d... | 216    | C12H24O3         | 074367-33-2 | 90   |
| 2         | 2,2,4-Trimethyl-1,3-pentanediol ... | 286    | C16H30O4         | 006846-50-0 | 64   |
| 3         | Butanoic acid, decyl ester          | 228    | C14H28O2         | 005454-09-1 | 45   |
| 4         | Butanoic acid, 2-methylpropyl ester | 144    | C8H16O2          | 000539-90-2 | 42   |
| 5         | Propanoic acid, 2-methyl-, 2-met... | 144    | C8H16O2          | 000097-85-8 | 40   |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\  
Data File : BF103484.D  
Acq On : 7 Mar 2018 4:06  
Operator : SJ/JU  
Sample : J1797-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

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

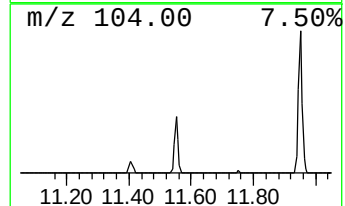
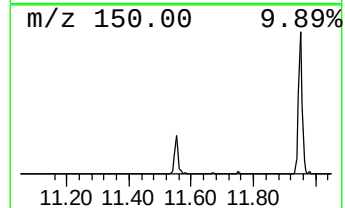
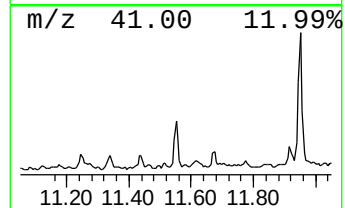
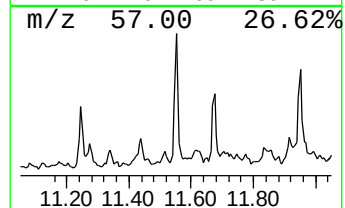
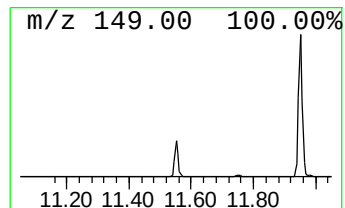
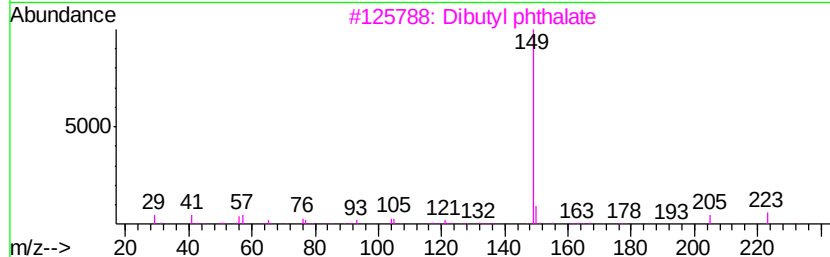
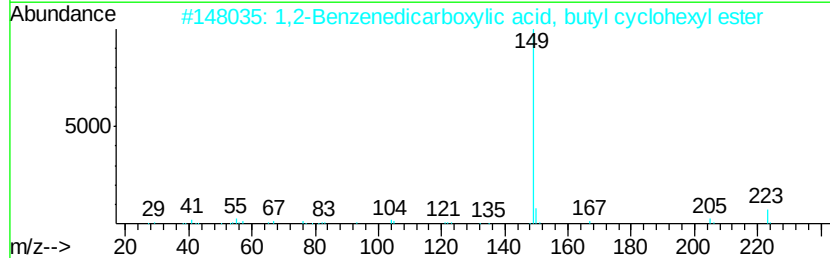
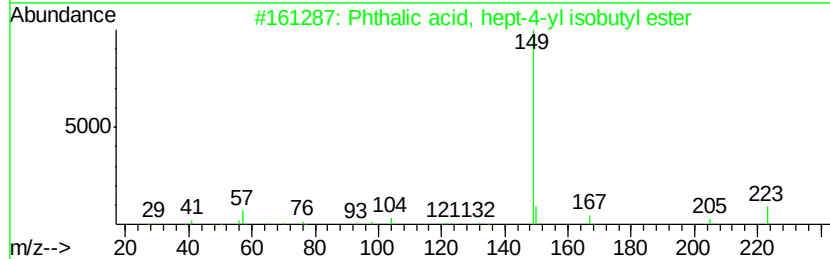
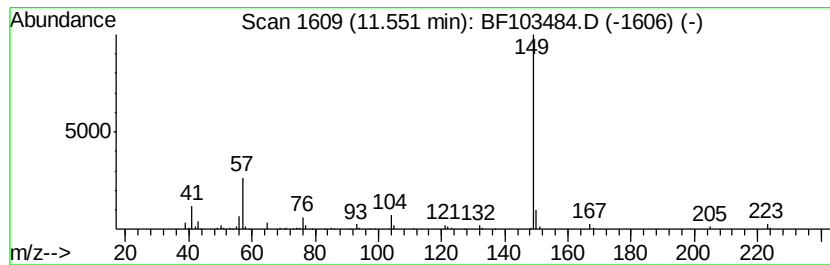
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Phthalic acid, hept-4-yl is... Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.55 | 3.63 ng | 138514 | Phenanthrene-d10 | 11.40 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|---------|---|-------------------------------------|-----|----------|--------------|------|
| 1       |   | Phthalic acid, hept-4-yl isobuty... | 320 | C19H28O4 | 1000356-78-3 | 83   |
| 2       |   | 1,2-Benzenedicarboxylic acid, bu... | 304 | C18H24O4 | 000084-64-0  | 83   |
| 3       |   | Dibutyl phthalate                   | 278 | C16H22O4 | 000084-74-2  | 78   |
| 4       |   | Diethyl Phthalate                   | 222 | C12H14O4 | 000084-66-2  | 78   |
| 5       |   | 1,2-Benzenedicarboxylic acid, bu... | 362 | C22H34O4 | 000089-18-9  | 78   |





Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\  
 Data File : BF103484.D  
 Acq On : 7 Mar 2018 4:06  
 Operator : SJ/JU  
 Sample : J1797-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

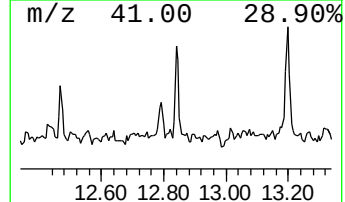
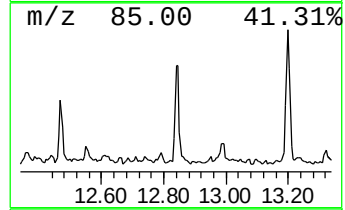
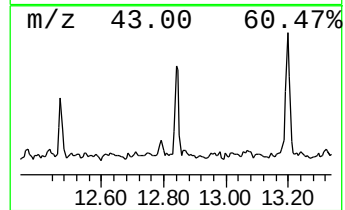
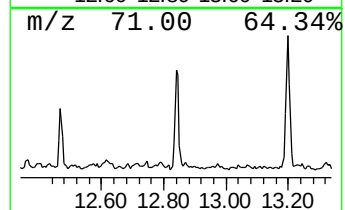
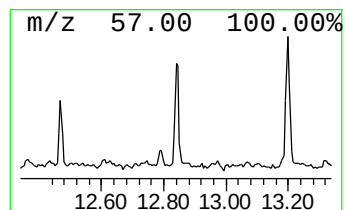
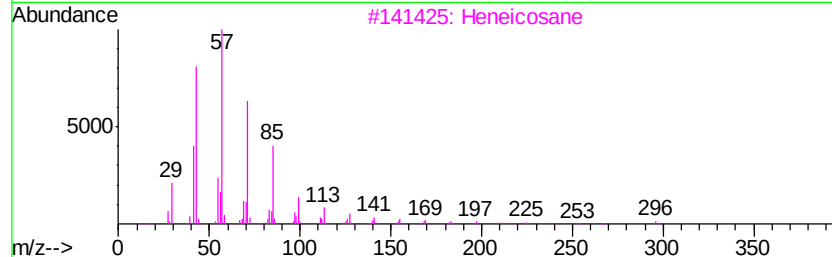
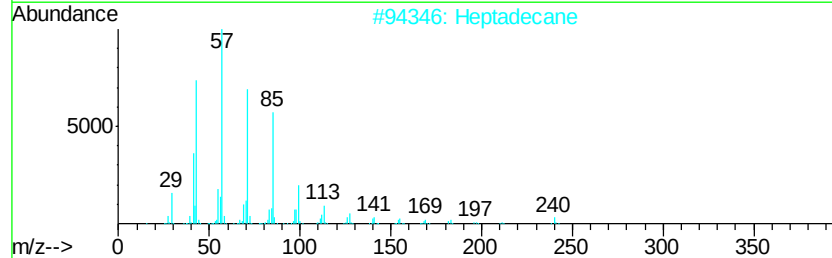
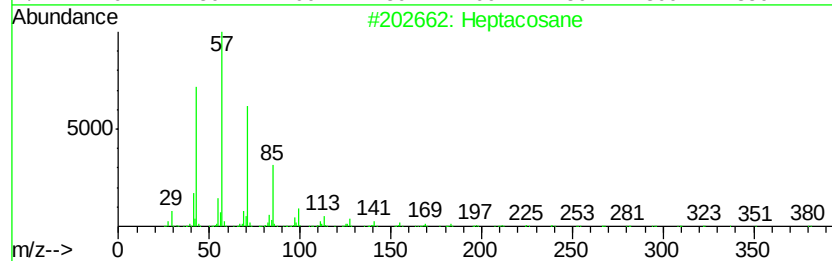
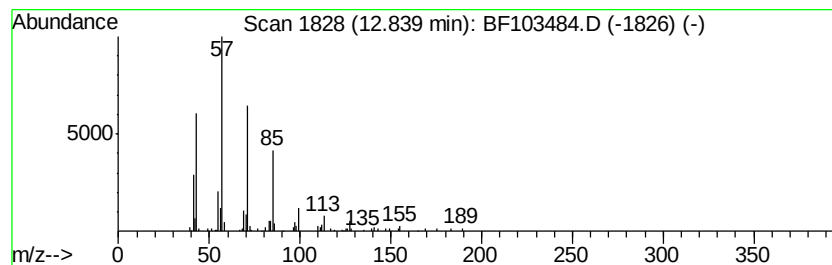
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SI-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
 Peak Number 7 Heptacosane Concentration Rank 11

| R.T.      | EstConc      | Area  | Relative to ISTD |             | R.T.  |
|-----------|--------------|-------|------------------|-------------|-------|
| 12.84     | 3.09 ng      | 95803 | Chrysene-d12     |             | 14.06 |
| Hit# of 5 | Tentative ID | MW    | MolForm          | CAS#        | Qual  |
| 1         | Heptacosane  | 380   | C27H56           | 000593-49-7 | 91    |
| 2         | Heptadecane  | 240   | C17H36           | 000629-78-7 | 90    |
| 3         | Heneicosane  | 296   | C21H44           | 000629-94-7 | 87    |
| 4         | Tetracosane  | 338   | C24H50           | 000646-31-1 | 87    |
| 5         | Tetradecane  | 198   | C14H30           | 000629-59-4 | 87    |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\  
Data File : BF103484.D  
Acq On : 7 Mar 2018 4:06  
Operator : SJ/JU  
Sample : J1797-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SI-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

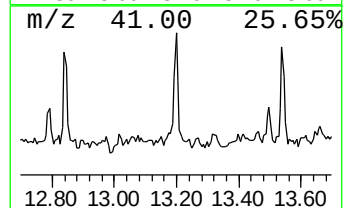
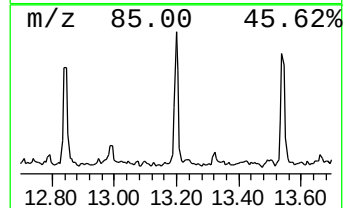
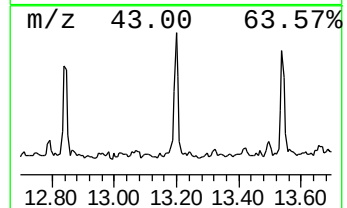
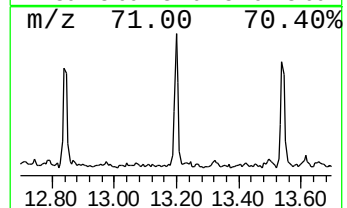
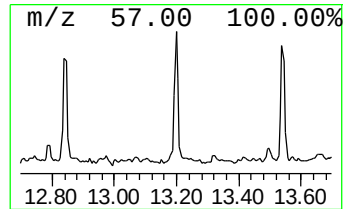
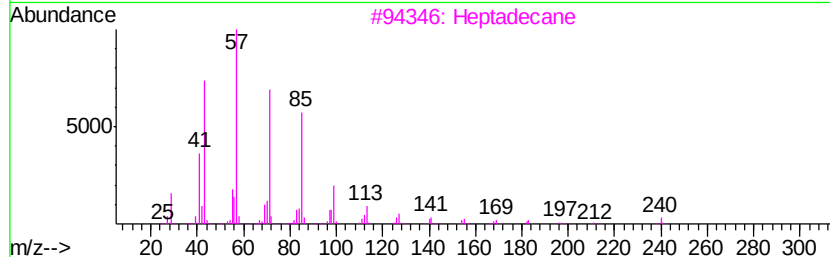
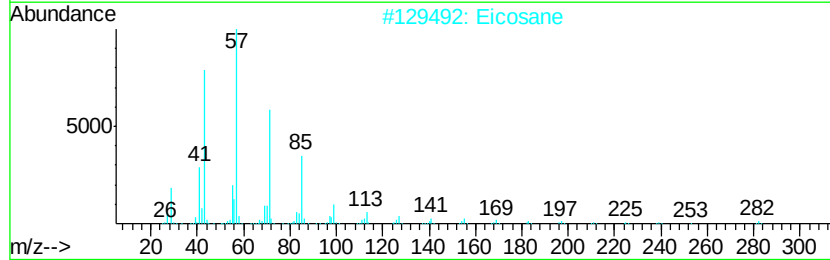
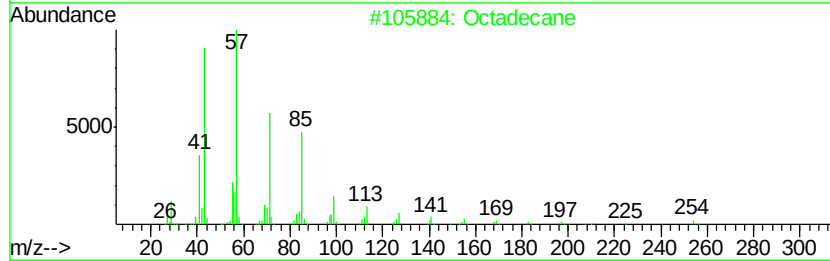
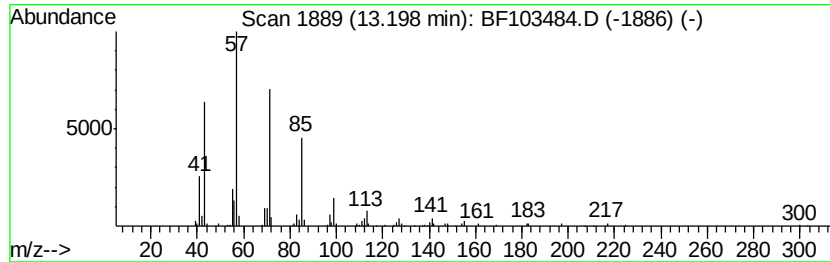
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Octadecane Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.20 | 4.43 ng | 137474 | Chrysene-d12     | 14.06 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane          | 254 | C18H38  | 000593-45-3 | 90   |
| 2    |    | Eicosane            | 282 | C20H42  | 000112-95-8 | 90   |
| 3    |    | Heptadecane         | 240 | C17H36  | 000629-78-7 | 86   |
| 4    |    | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 86   |
| 5    |    | Pentadecane         | 212 | C15H32  | 000629-62-9 | 86   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\  
Data File : BF103484.D  
Acq On : 7 Mar 2018 4:06  
Operator : SJ/JU  
Sample : J1797-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

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

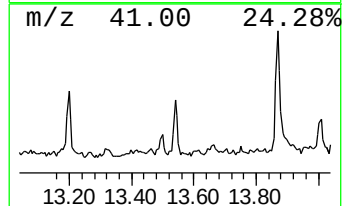
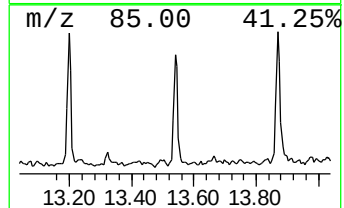
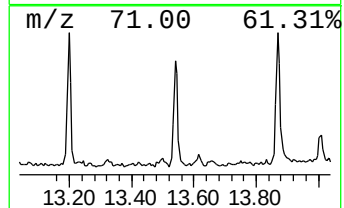
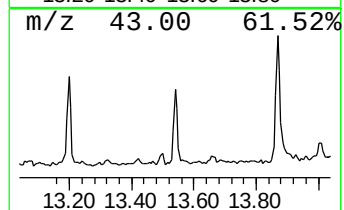
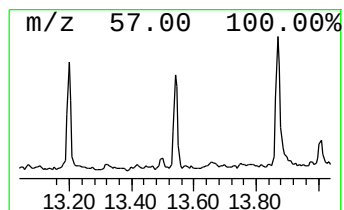
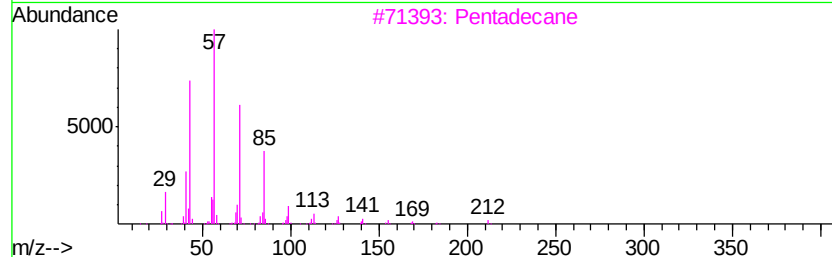
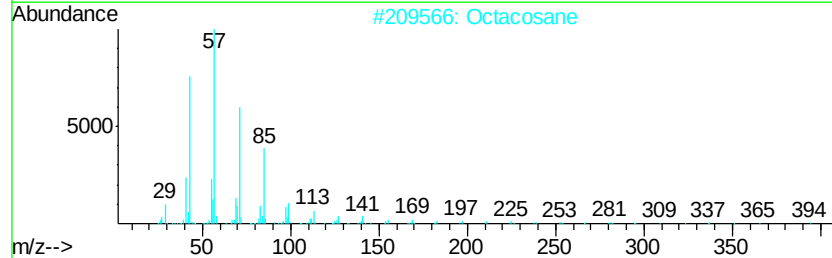
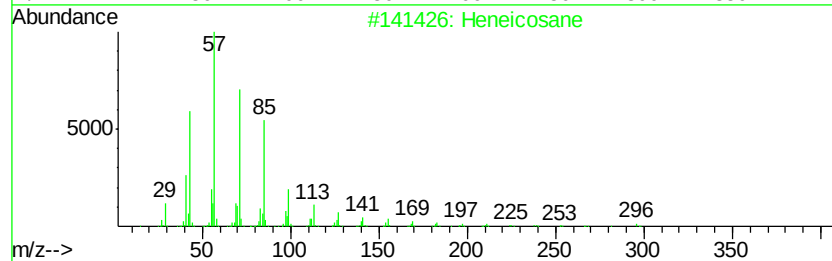
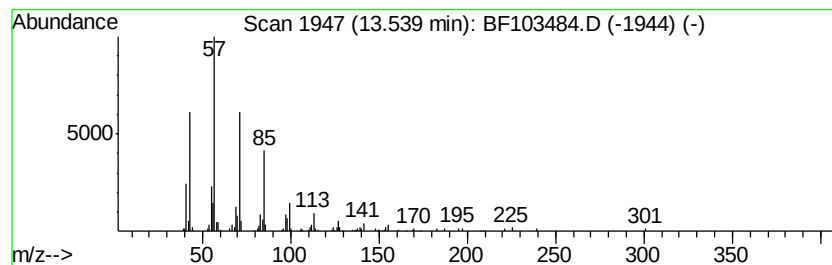
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Heneicosane Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.54 | 3.93 ng | 121797 | Chrysene-d12     | 14.06 |

| Hit# of 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|-----------|--------------------|-----|---------|-------------|------|
| 1         | Heneicosane        | 296 | C21H44  | 000629-94-7 | 91   |
| 2         | Octacosane         | 394 | C28H58  | 000630-02-4 | 91   |
| 3         | Pentadecane        | 212 | C15H32  | 000629-62-9 | 91   |
| 4         | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 91   |
| 5         | Hexadecane         | 226 | C16H34  | 000544-76-3 | 91   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\  
Data File : BF103484.D  
Acq On : 7 Mar 2018 4:06  
Operator : SJ/JU  
Sample : J1797-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

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

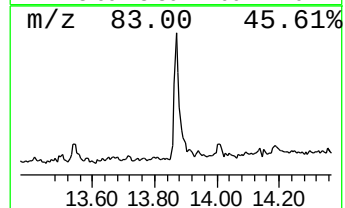
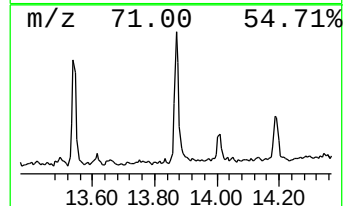
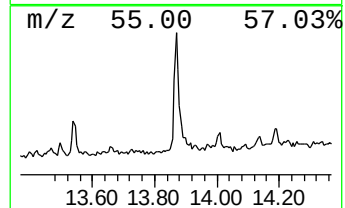
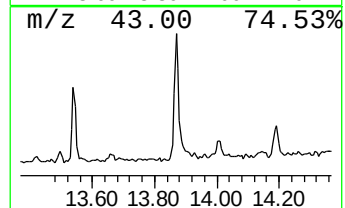
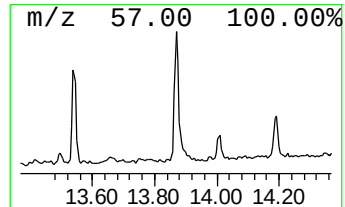
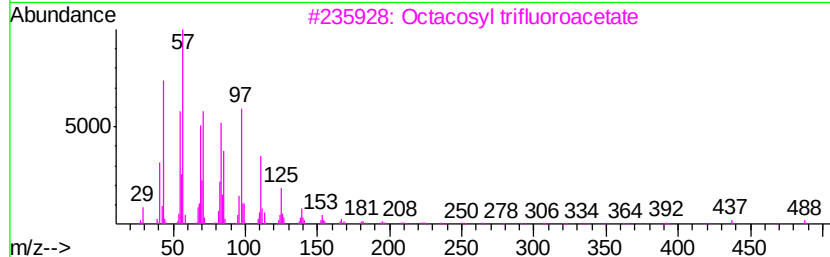
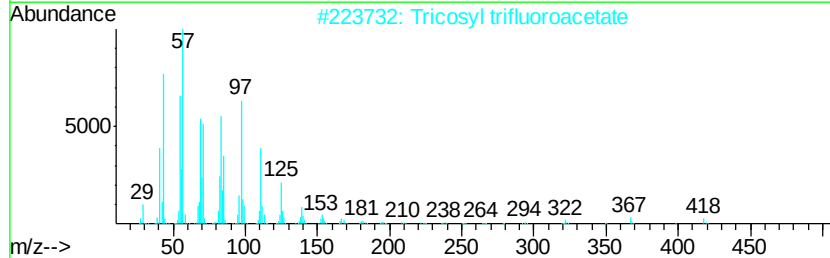
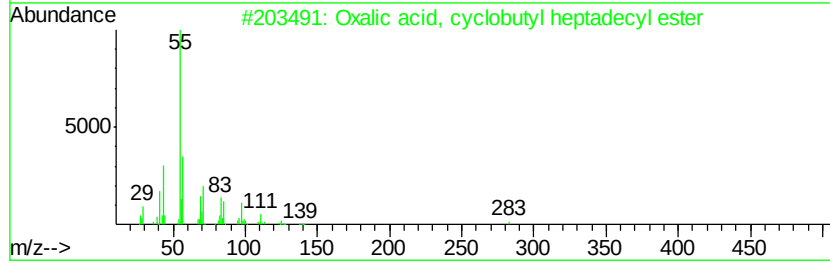
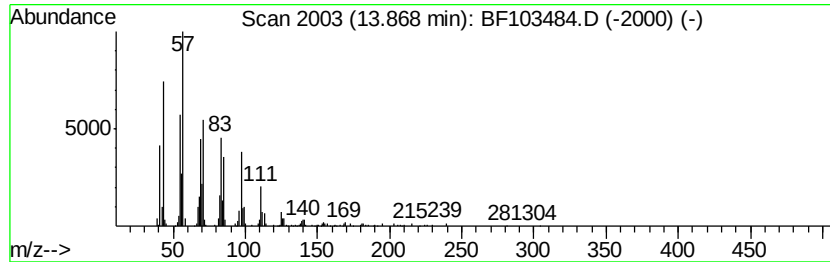
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Oxalic acid, cyclobutyl hep... Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 13.87 | 10.84 ng | 336080 | Chrysene-d12     | 14.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Oxalic acid, cvclobutyl heptadec... | 382 | C23H42O4   | 1000309-70-7 | 91   |
| 2    |    | Tricosyl trifluoroacetate           | 436 | C25H47F3O2 | 1000351-75-1 | 91   |
| 3    |    | Octacosyl trifluoroacetate          | 506 | C30H57F3O2 | 1000351-74-9 | 91   |
| 4    |    | 1-Dodecanol, 2-octyl-               | 298 | C20H42O    | 005333-42-6  | 90   |
| 5    |    | 1-Decanol, 2-hexyl-                 | 242 | C16H34O    | 002425-77-6  | 83   |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\  
Data File : BF103484.D  
Acq On : 7 Mar 2018 4:06  
Operator : SJ/JU  
Sample : J1797-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

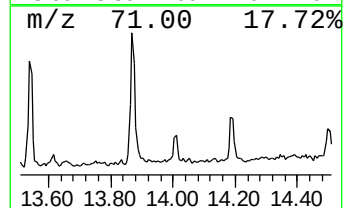
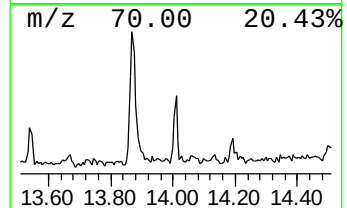
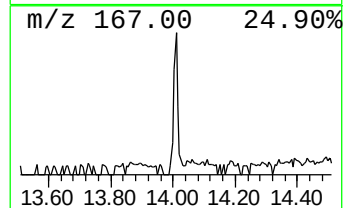
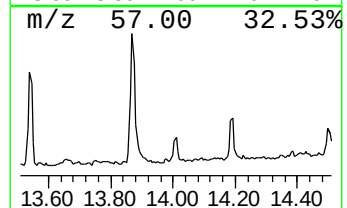
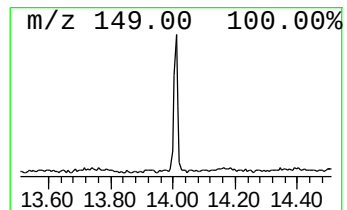
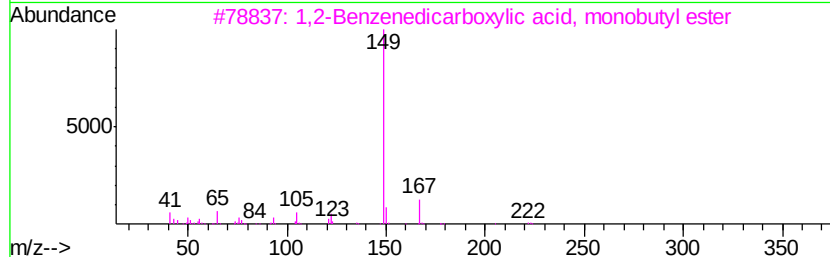
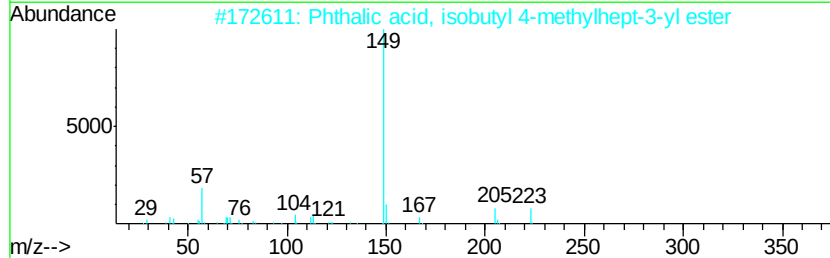
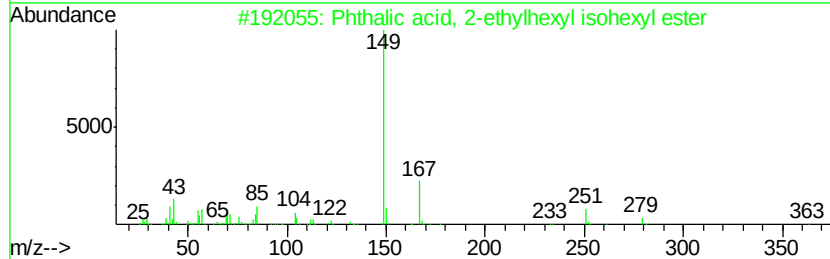
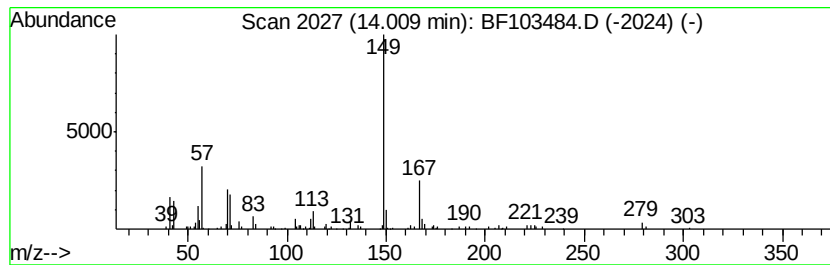
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Phthalic acid, 2-ethylhexyl... Concentration Rank 14

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.01 | 2.00 ng | 62070 | Chrysene-d12     | 14.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Phthalic acid, 2-ethylhexyl isoh... | 362 | C22H34O4 | 1000308-98-5 | 64   |
| 2    |    | Phthalic acid, isobutyl 4-methyl... | 334 | C20H30O4 | 1000377-93-8 | 53   |
| 3    |    | 1,2-Benzenedicarboxylic acid, mo... | 222 | C12H14O4 | 000131-70-4  | 53   |
| 4    |    | Phthalic acid, hept-4-yl isohexy... | 348 | C21H32O4 | 1000356-78-6 | 53   |
| 5    |    | 1,2-Benzenedicarboxylic acid, bu... | 334 | C20H30O4 | 000085-69-8  | 50   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\  
Data File : BF103484.D  
Acq On : 7 Mar 2018 4:06  
Operator : SJ/JU  
Sample : J1797-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

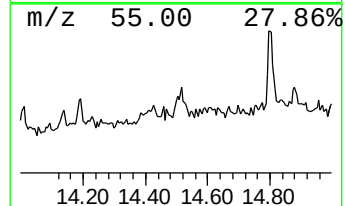
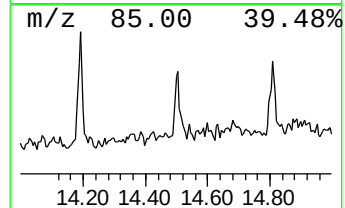
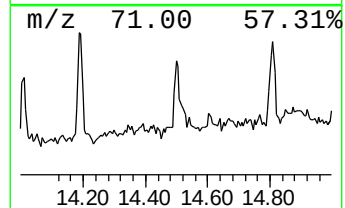
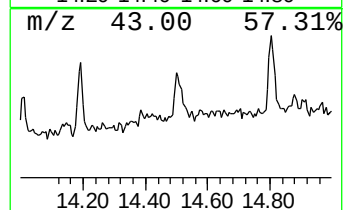
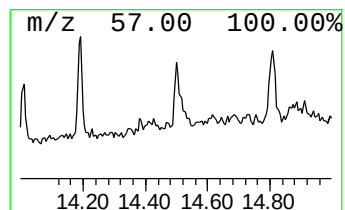
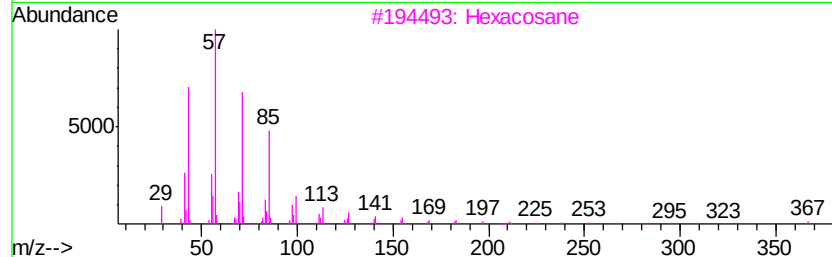
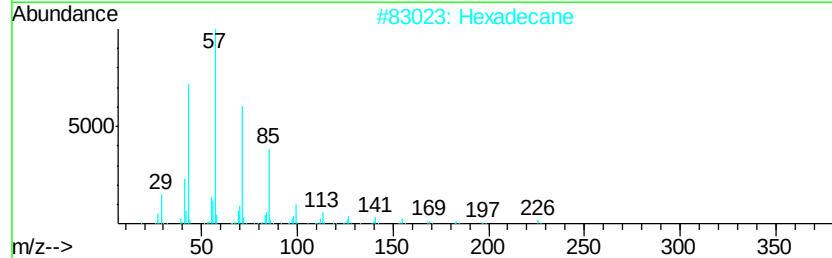
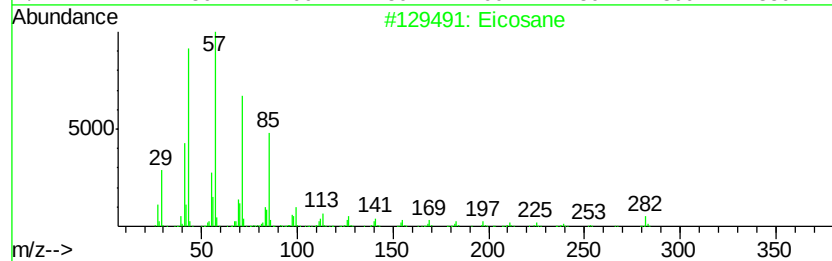
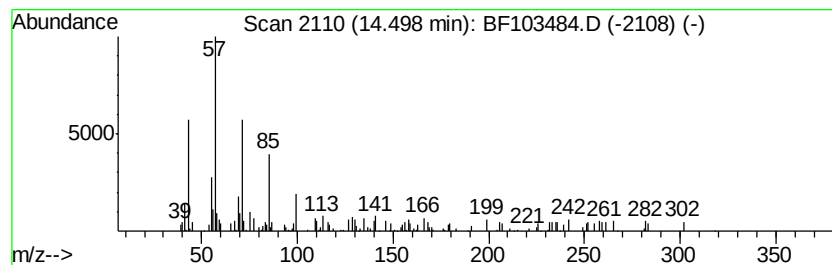
Instrument :  
BNA\_F  
ClientSampleId :  
SI-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 Eicosane Concentration Rank 12

| R.T.    | EstConc           | Area         | Relative to ISTD | R.T.      |
|---------|-------------------|--------------|------------------|-----------|
| 14.50   | 2.69 ng           | 83359        | Chrysene-d12     | 14.06     |
| Hit# of | 5                 | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Eicosane          | 282 C20H42   | 000112-95-8      | 86        |
| 2       | Hexadecane        | 226 C16H34   | 000544-76-3      | 64        |
| 3       | Hexacosane        | 366 C26H54   | 000630-01-3      | 58        |
| 4       | Tetratetracontane | 619 C44H90   | 007098-22-8      | 58        |
| 5       | Octacosane        | 394 C28H58   | 000630-02-4      | 58        |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\  
Data File : BF103484.D  
Acq On : 7 Mar 2018 4:06  
Operator : SJ/JU  
Sample : J1797-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SI-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

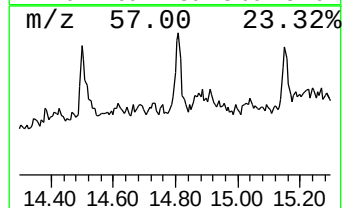
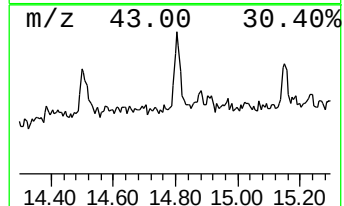
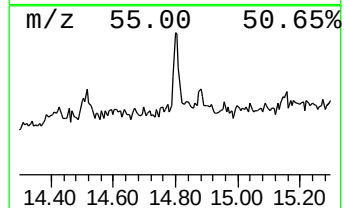
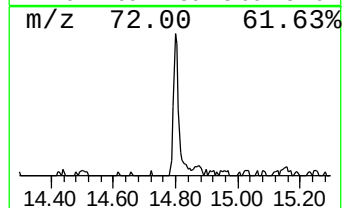
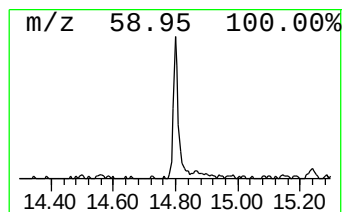
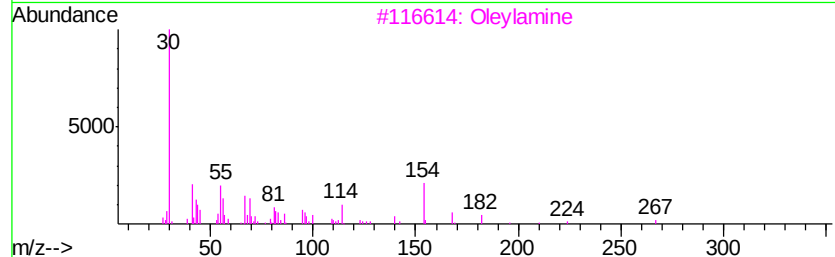
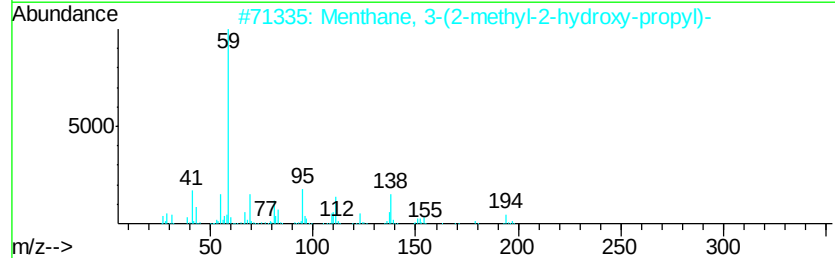
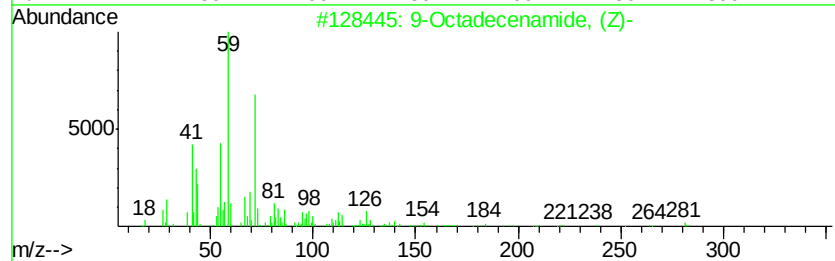
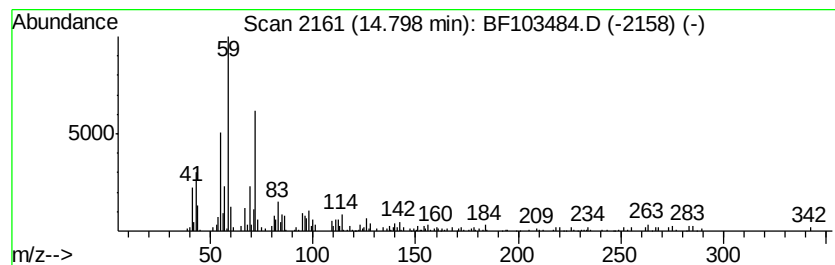
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.80 | 5.96 ng | 184833 | Chrysene-d12     | 14.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 9-Octadecenamide, (Z)-              | 281 | C18H35NO   | 000301-02-0  | 72   |
| 2    |    | Menthane, 3-(2-methyl-2-hydroxy-... | 212 | C14H28O    | 1000160-06-0 | 35   |
| 3    |    | Oleyamine                           | 267 | C18H37N    | 000112-90-3  | 25   |
| 4    |    | Heptane, 1-(2-butenyloxy)-, (E)-    | 170 | C11H22O    | 056052-77-8  | 15   |
| 5    |    | Di-n-butyl N,N-diethylcarbamoylp... | 293 | C13H28N04P | 1000342-35-4 | 11   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\  
Data File : BF103484.D  
Acq On : 7 Mar 2018 4:06  
Operator : SJ/JU  
Sample : J1797-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SI-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

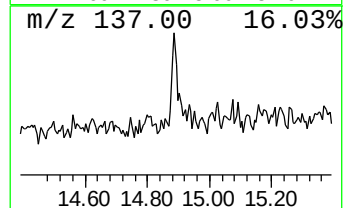
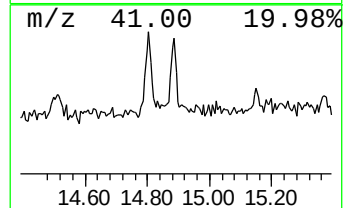
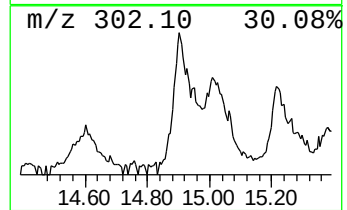
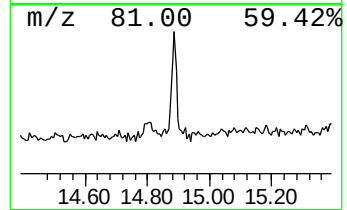
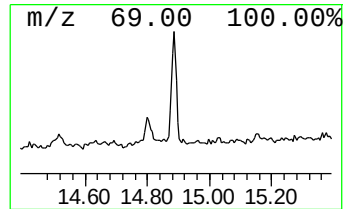
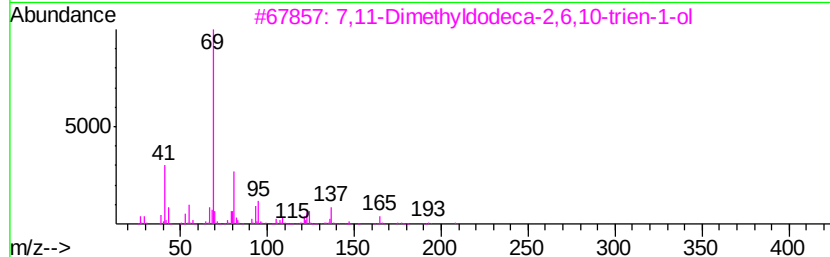
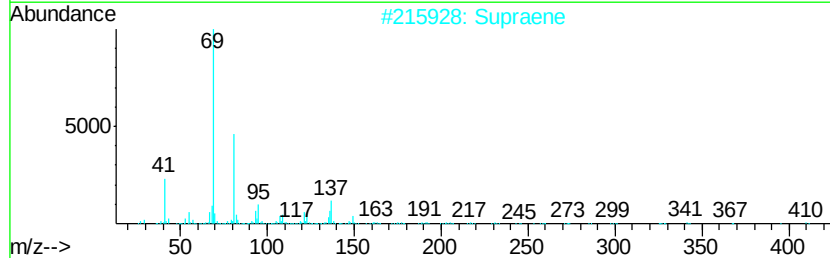
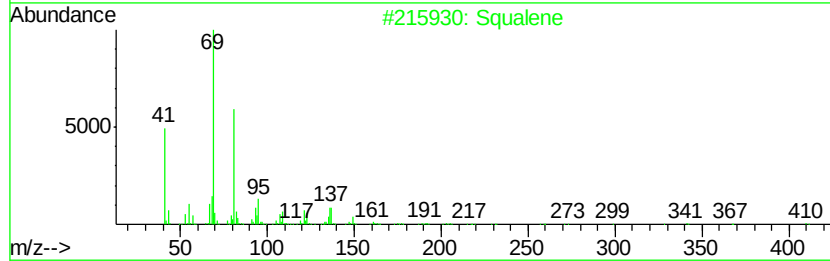
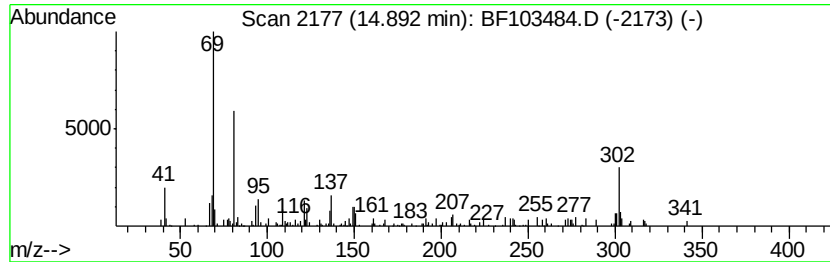
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Squalene Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.89 | 4.21 ng | 96528 | Perylene-d12     | 15.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Squalene                            | 410 | C30H50  | 000111-02-4 | 83   |
| 2    |    | Supraene                            | 410 | C30H50  | 007683-64-9 | 74   |
| 3    |    | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 58   |
| 4    |    | 1,5,9-Decatriene, 2,3,5,8-tetram... | 192 | C14H24  | 230646-72-7 | 58   |
| 5    |    | trans-Geranylgeraniol               | 290 | C20H34O | 024034-73-9 | 56   |





Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF030618\  
Data File : BF103484.D  
Acq On : 7 Mar 2018 4:06  
Operator : SJ/JU  
Sample : J1797-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SI-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.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 |
| Butane, 2-methoxy...  | 2.12  | 5.2     | ng    | 221583   | 1                     | 6.87  | 858467 | 20.0 |
| 2-Pentanone, 4-hy...  | 5.10  | 2.0     | ng    | 86154    | 1                     | 6.87  | 858467 | 20.0 |
| unknown6.65           | 6.65  | 75.5    | ng    | 3239370  | 1                     | 6.87  | 858467 | 20.0 |
| Propanoic acid, 2...  | 9.09  | 5.1     | ng    | 241771   | 3                     | 9.91  | 946121 | 20.0 |
| Phthalic acid, he...  | 11.55 | 3.6     | ng    | 138514   | 4                     | 11.40 | 763884 | 20.0 |
| Heptacosane           | 12.84 | 3.1     | ng    | 95803    | 5                     | 14.06 | 620038 | 20.0 |
| Octadecane            | 13.20 | 4.4     | ng    | 137474   | 5                     | 14.06 | 620038 | 20.0 |
| Heneicosane           | 13.54 | 3.9     | ng    | 121797   | 5                     | 14.06 | 620038 | 20.0 |
| Oxalic acid, cycl...  | 13.87 | 10.8    | ng    | 336080   | 5                     | 14.06 | 620038 | 20.0 |
| Phthalic acid, 2-...  | 14.01 | 2.0     | ng    | 62070    | 5                     | 14.06 | 620038 | 20.0 |
| Eicosane              | 14.50 | 2.7     | ng    | 83359    | 5                     | 14.06 | 620038 | 20.0 |
| 9-Octadecenamide, ... | 14.80 | 6.0     | ng    | 184833   | 5                     | 14.06 | 620038 | 20.0 |
| Squalene              | 14.89 | 4.2     | ng    | 96528    | 6                     | 15.57 | 458344 | 20.0 |