

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF121918\  
 Data File : BF111613.D  
 Acq On : 20 Dec 2018 1:52  
 Operator : JU/SJ  
 Sample : J6194-07 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-01-121818-A

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-BF121918.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         | 5.504       | 577           | 581         | 585          | rBV      | 875771         | 737112        | 15.25%          | 2.553%        |
| 2         | 6.510       | 748           | 752         | 759          | rVB      | 908326         | 832073        | 17.22%          | 2.882%        |
| 3         | 6.657       | 774           | 777         | 781          | rVB      | 869927         | 776070        | 16.06%          | 2.688%        |
| 4         | 6.898       | 814           | 818         | 821          | rBV      | 1318634        | 1161589       | 24.03%          | 4.024%        |
| 5         | 7.051       | 840           | 844         | 848          | rBV      | 737833         | 561419        | 11.62%          | 1.945%        |
| 6         | 7.445       | 904           | 911         | 914          | rBV      | 541939         | 438558        | 9.07%           | 1.519%        |
| 7         | 8.175       | 1031          | 1035        | 1039         | rBV      | 1688695        | 1555510       | 32.18%          | 5.388%        |
| 8         | 8.686       | 1118          | 1122        | 1124         | rBV2     | 54257          | 56182         | 1.16%           | 0.195%        |
| 9         | 8.775       | 1134          | 1137        | 1141         | rBV      | 163271         | 135296        | 2.80%           | 0.469%        |
| 10        | 9.251       | 1214          | 1218        | 1221         | rBV      | 885328         | 704755        | 14.58%          | 2.441%        |
| 11        | 9.339       | 1228          | 1233        | 1237         | rBV      | 184258         | 170490        | 3.53%           | 0.591%        |
| 12        | 9.639       | 1282          | 1284        | 1286         | rBV      | 90718          | 81451         | 1.69%           | 0.282%        |
| 13        | 9.869       | 1320          | 1323        | 1325         | rVB      | 166524         | 118982        | 2.46%           | 0.412%        |
| 14        | 9.933       | 1330          | 1334        | 1337         | rVB      | 1628654        | 1465798       | 30.33%          | 5.078%        |
| 15        | 10.369      | 1402          | 1408        | 1411         | rBV      | 152792         | 143230        | 2.96%           | 0.496%        |
| 16        | 10.586      | 1439          | 1445        | 1451         | rBV      | 60239          | 85559         | 1.77%           | 0.296%        |
| 17        | 10.710      | 1462          | 1466        | 1471         | rVB      | 527683         | 430919        | 8.92%           | 1.493%        |
| 18        | 10.839      | 1485          | 1488        | 1496         | rVB      | 162154         | 180788        | 3.74%           | 0.626%        |
| 19        | 11.286      | 1561          | 1564        | 1566         | rBV      | 136499         | 100529        | 2.08%           | 0.348%        |
| 20        | 11.321      | 1566          | 1570        | 1575         | rVB2     | 51655          | 66045         | 1.37%           | 0.229%        |
| 21        | 11.410      | 1582          | 1585        | 1588         | rBV      | 1482369        | 1353626       | 28.01%          | 4.689%        |
| 22        | 11.433      | 1588          | 1589        | 1592         | rVB      | 176867         | 120330        | 2.49%           | 0.417%        |
| 23        | 11.710      | 1633          | 1636        | 1638         | rBV      | 100414         | 86963         | 1.80%           | 0.301%        |
| 24        | 11.733      | 1638          | 1640        | 1645         | rVB2     | 67979          | 58246         | 1.21%           | 0.202%        |
| 25        | 11.810      | 1649          | 1653        | 1656         | rBV      | 1956298        | 1479321       | 30.61%          | 5.124%        |
| 26        | 11.939      | 1672          | 1675        | 1679         | rVB2     | 83744          | 88503         | 1.83%           | 0.307%        |
| 27        | 12.027      | 1686          | 1690        | 1692         | rBV2     | 57956          | 68296         | 1.41%           | 0.237%        |
| 28        | 12.121      | 1703          | 1706        | 1709         | rBV      | 77803          | 71525         | 1.48%           | 0.248%        |
| 29        | 12.498      | 1766          | 1770        | 1772         | rBV      | 5109456        | 4833154       | 100.00%         | 16.742%       |
| 30        | 12.521      | 1772          | 1774        | 1780         | rVV      | 5438145        | 4482223       | 92.74%          | 15.526%       |
| 31        | 12.604      | 1784          | 1788        | 1790         | rBV      | 628350         | 628710        | 13.01%          | 2.178%        |
| 32        | 12.621      | 1790          | 1791        | 1794         | rVB      | 319708         | 193363        | 4.00%           | 0.670%        |
| 33        | 12.815      | 1821          | 1824        | 1826         | rBV      | 121146         | 116229        | 2.40%           | 0.403%        |
| 34        | 12.851      | 1827          | 1830        | 1833         | rVV      | 312634         | 292205        | 6.05%           | 1.012%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

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-BF121918.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.880 | 1833 | 1835 | 1843 | rVB3 | 64725   | 87860   | 1.82%  | 0.304% |
| 36 | 12.992 | 1851 | 1854 | 1858 | rVB  | 742662  | 605685  | 12.53% | 2.098% |
| 37 | 13.180 | 1884 | 1886 | 1892 | rVB2 | 67365   | 77923   | 1.61%  | 0.270% |
| 38 | 13.245 | 1893 | 1897 | 1900 | rBV2 | 146518  | 179966  | 3.72%  | 0.623% |
| 39 | 13.327 | 1908 | 1911 | 1913 | rBV  | 75751   | 61391   | 1.27%  | 0.213% |
| 40 | 13.474 | 1931 | 1936 | 1944 | rBV  | 1059001 | 1190884 | 24.64% | 4.125% |
| 41 | 13.551 | 1946 | 1949 | 1951 | rBV  | 99561   | 87109   | 1.80%  | 0.302% |
| 42 | 13.992 | 2022 | 2024 | 2028 | rBV  | 106352  | 111221  | 2.30%  | 0.385% |
| 43 | 14.045 | 2029 | 2033 | 2036 | rBV  | 1537417 | 1482565 | 30.67% | 5.136% |
| 44 | 14.809 | 2160 | 2163 | 2166 | rBV  | 460907  | 497440  | 10.29% | 1.723% |
| 45 | 15.521 | 2280 | 2284 | 2288 | rVB  | 692801  | 811386  | 16.79% | 2.811% |

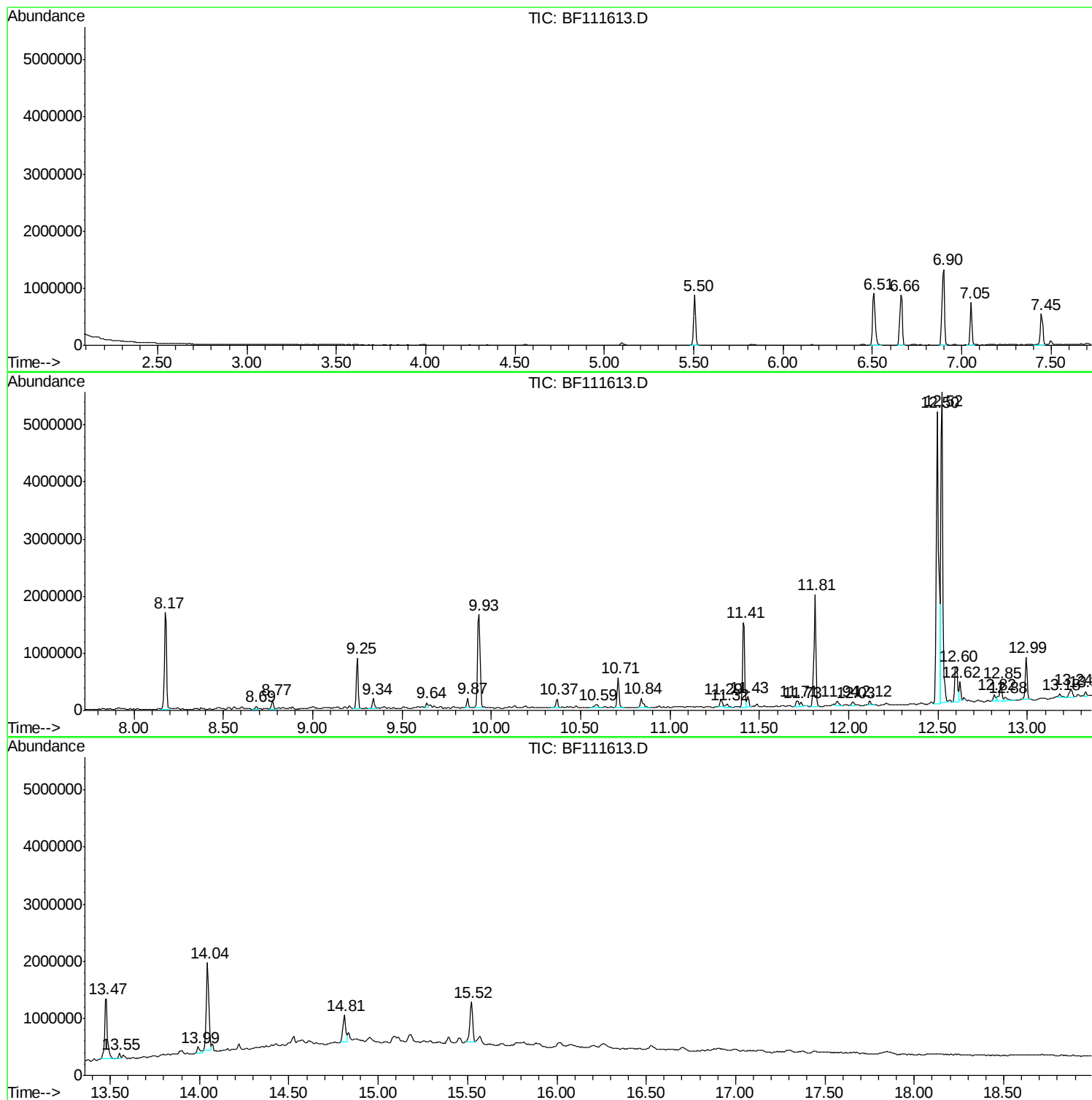
Sum of corrected areas: 28868479

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

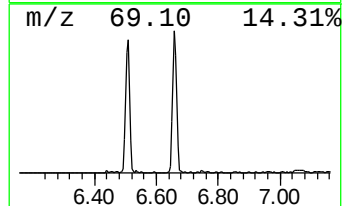
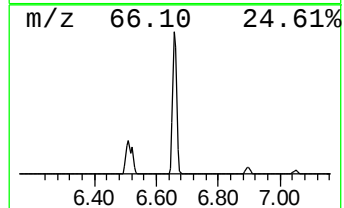
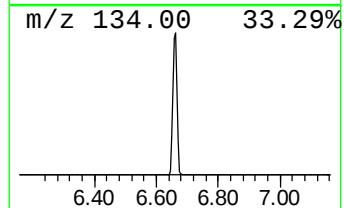
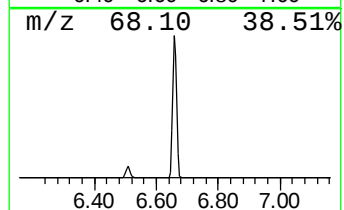
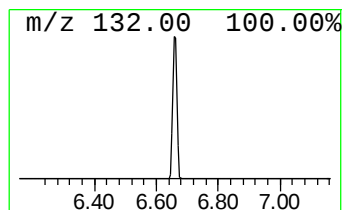
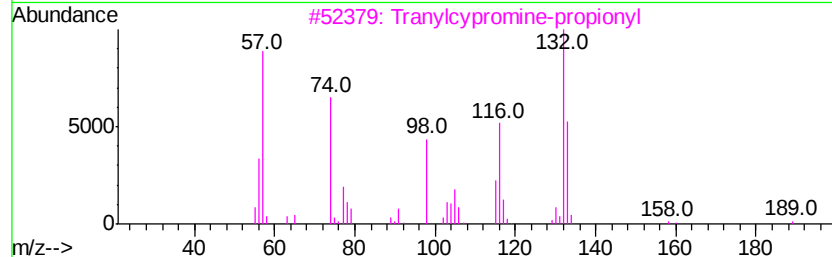
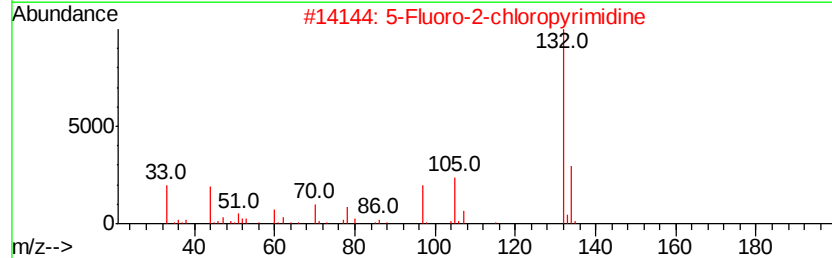
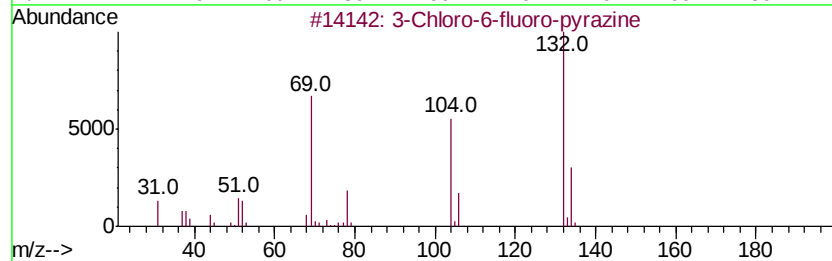
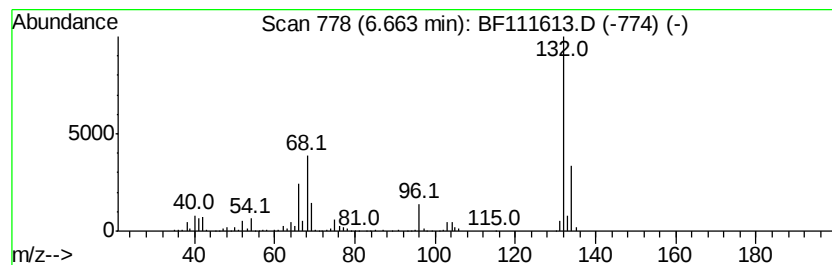
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 unknown6.66 Concentration Rank 5

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.66 | 13.36 ng | 776070 | 1,4-Dichlorobenzene-d4 | 6.90 |

| Hit# | of | Tentative ID                | MW  | MolForm   | CAS#         | Qual |
|------|----|-----------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine  | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | Tranvlcypromine-propionvl   | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | 1,2,4-Trifluorobenzene      | 132 | C6H3F3    | 000367-23-7  | 9    |
| 5    |    | 1,3,5-Trifluorobenzene      | 132 | C6H3F3    | 000372-38-3  | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

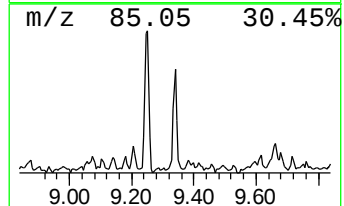
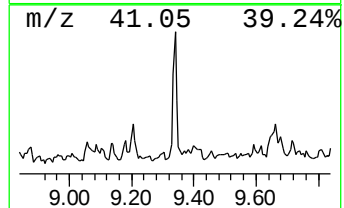
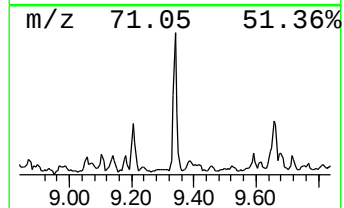
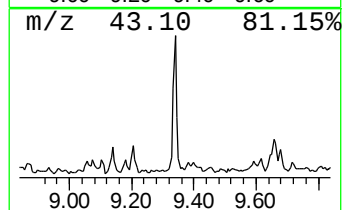
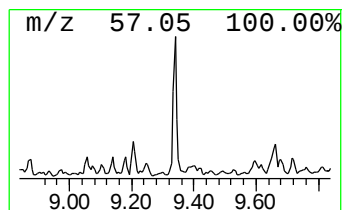
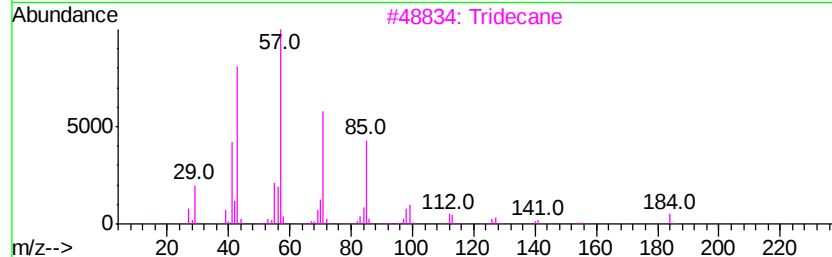
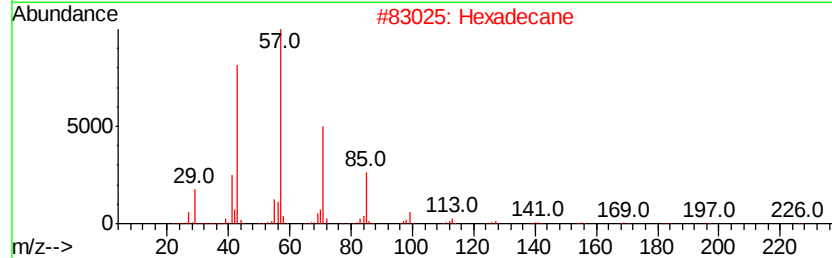
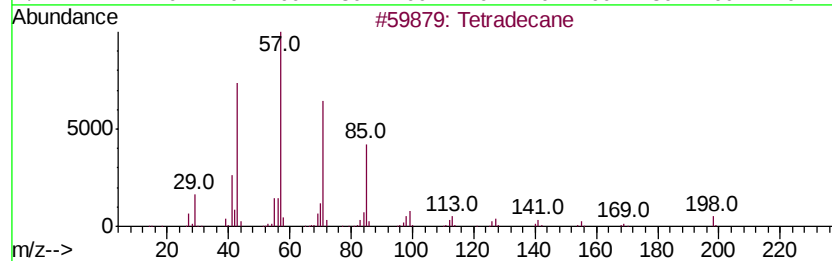
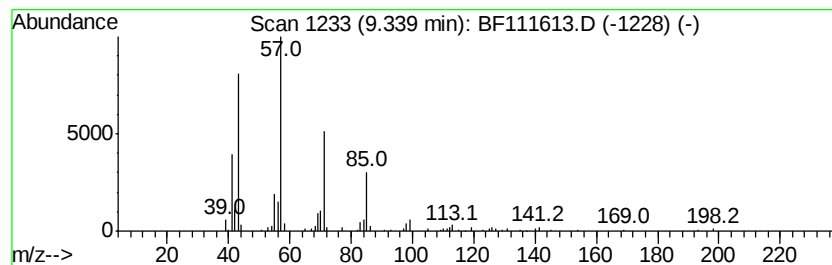
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Tetradecane Concentration Rank 10

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.34 | 2.33 ng | 170490 | Acenaphthene-d10 | 9.93 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Tetradecane                         | 198 | C14H30    | 000629-59-4  | 91   |
| 2    |    | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 90   |
| 3    |    | Tridecane                           | 184 | C13H28    | 000629-50-5  | 90   |
| 4    |    | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 78   |
| 5    |    | Decane, 2,4,6-trimethyl-            | 184 | C13H28    | 062108-27-4  | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

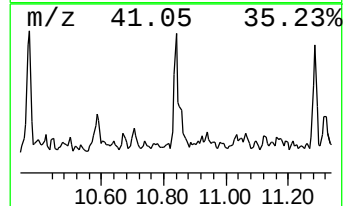
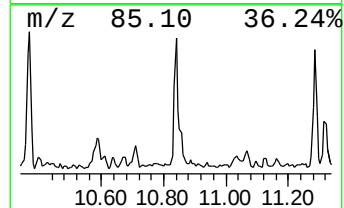
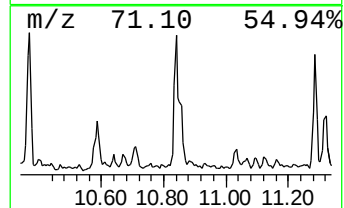
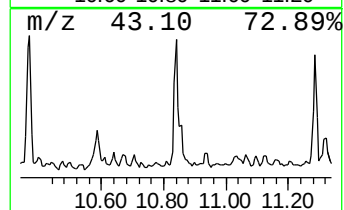
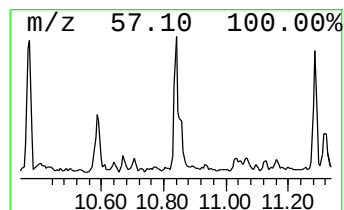
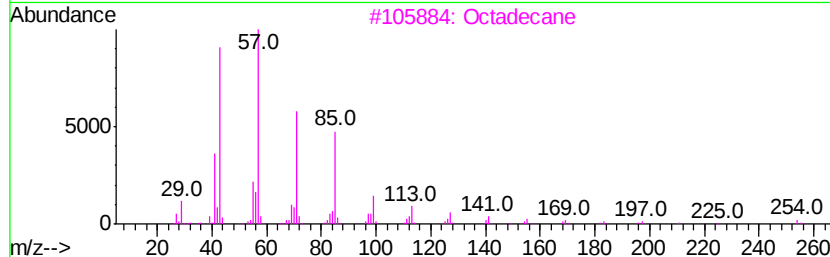
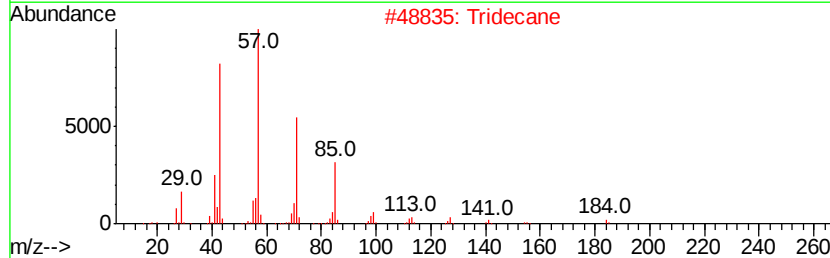
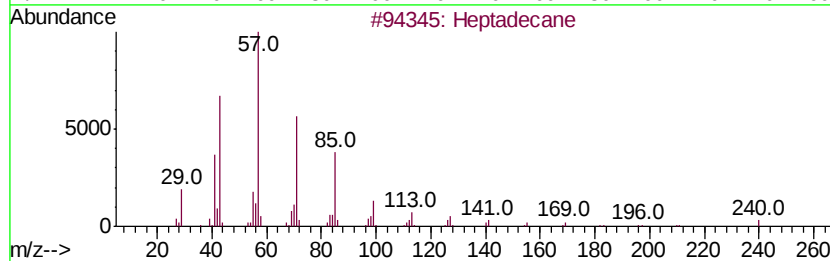
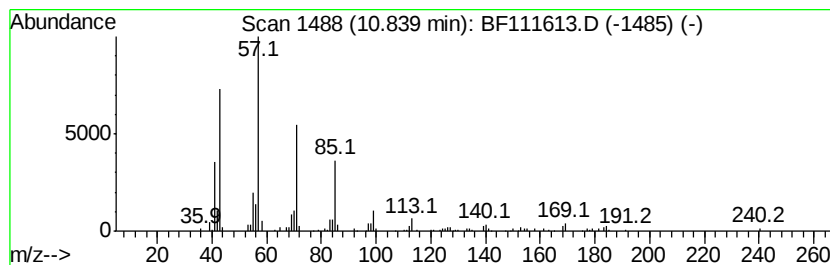
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Heptadecane Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.84 | 2.67 ng | 180788 | Phenanthrene-d10 | 11.41 |

| Hit# of | 5                           | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|---------|-----------------------------|--------------|-----|-------------|-------------|------|
| 1       | Heptadecane                 |              | 240 | C17H36      | 000629-78-7 | 94   |
| 2       | Tridecane                   |              | 184 | C13H28      | 000629-50-5 | 93   |
| 3       | Octadecane                  |              | 254 | C18H38      | 000593-45-3 | 86   |
| 4       | Heneicosane                 |              | 296 | C21H44      | 000629-94-7 | 86   |
| 5       | Silane, trichlorooctadecyl- |              | 386 | C18H37Cl3Si | 000112-04-9 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

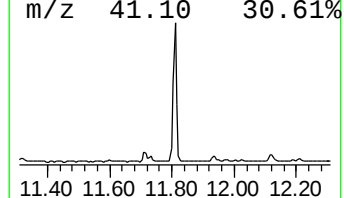
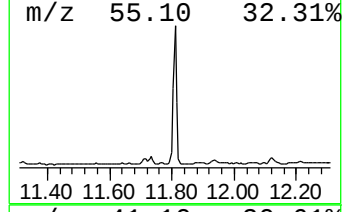
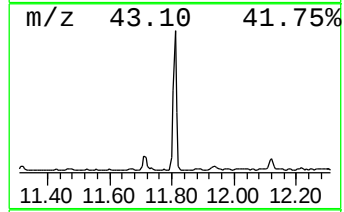
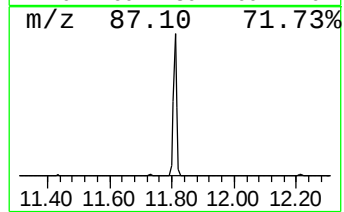
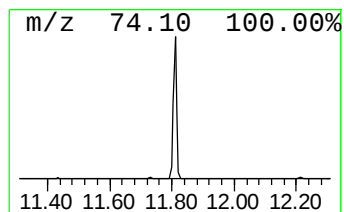
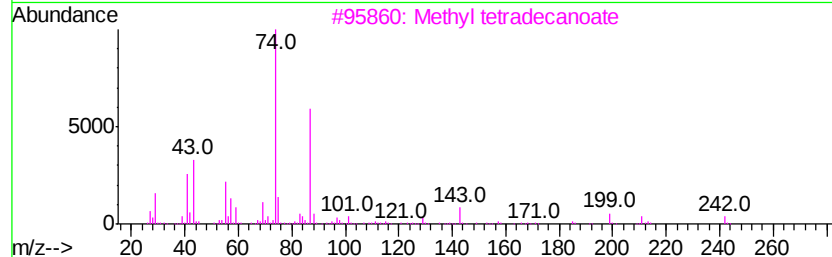
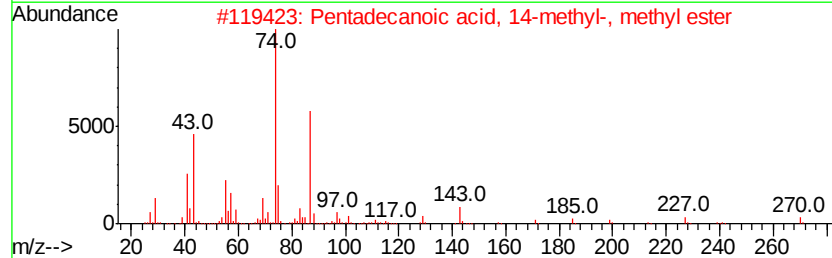
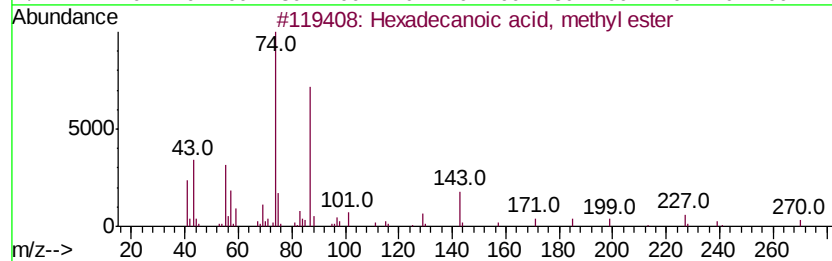
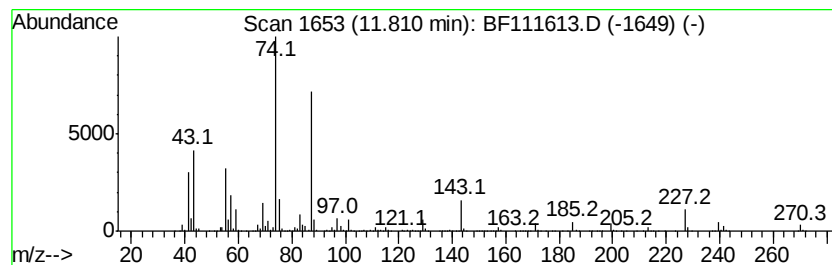
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.81 | 21.86 ng | 1479320 | Phenanthrene-d10 | 11.41 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 98   |
| 2    |    | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 96   |
| 3    |    | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 94   |
| 4    |    | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 90   |
| 5    |    | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

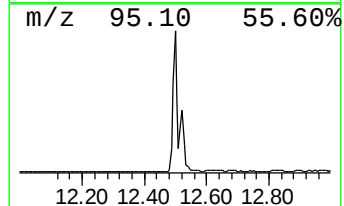
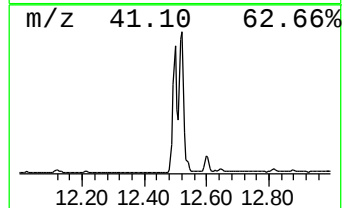
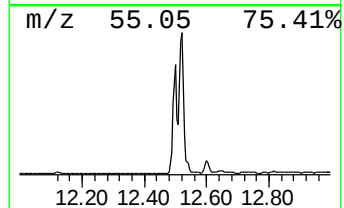
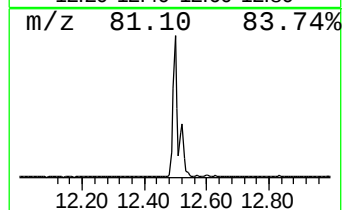
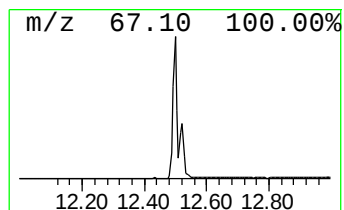
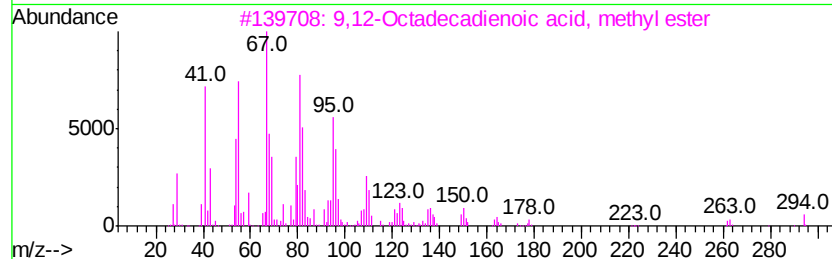
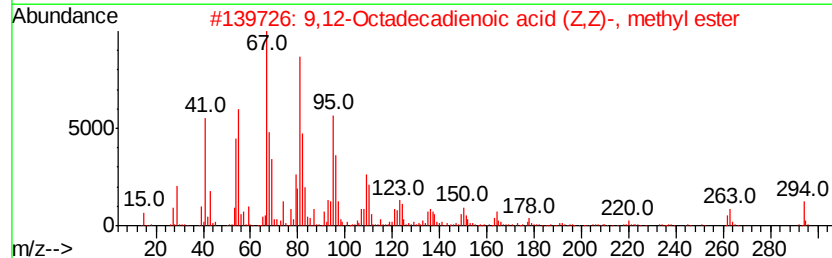
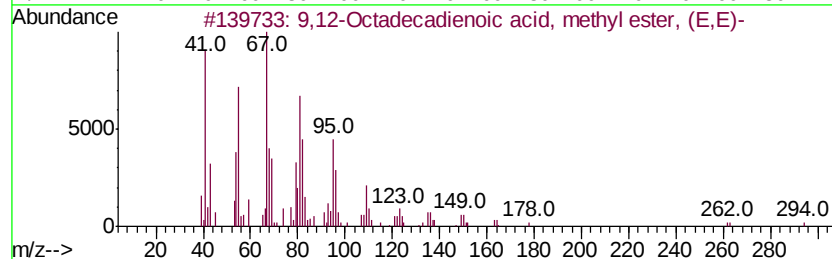
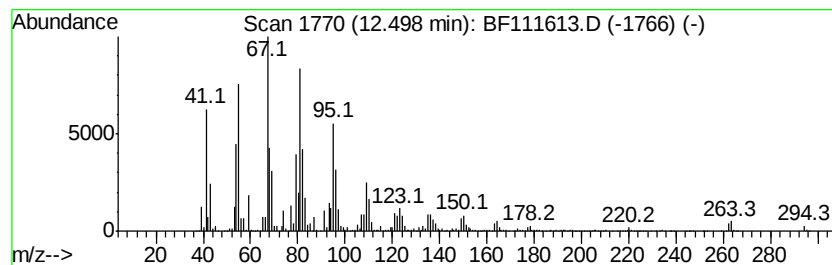
Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 12.50     | 71.41 ng                            | 4833150 | Phenanthrene-d10 | 11.41       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | 9,12-Octadecadienoic acid, methy... | 294     | C19H34O2         | 002566-97-4 | 99   |
| 2         | 9,12-Octadecadienoic acid (Z,Z)-... | 294     | C19H34O2         | 000112-63-0 | 99   |
| 3         | 9,12-Octadecadienoic acid, methy... | 294     | C19H34O2         | 002462-85-3 | 99   |
| 4         | 10,13-Octadecadienoic acid, meth... | 294     | C19H34O2         | 056554-62-2 | 99   |
| 5         | 9,15-Octadecadienoic acid, methy... | 294     | C19H34O2         | 017309-05-6 | 99   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

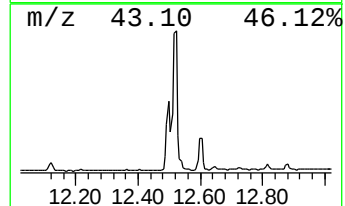
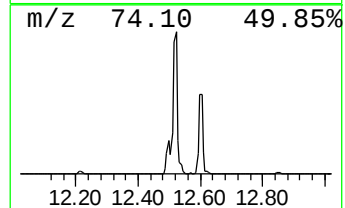
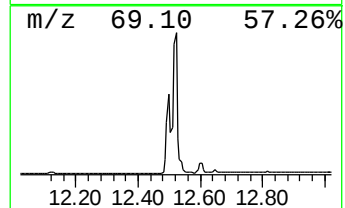
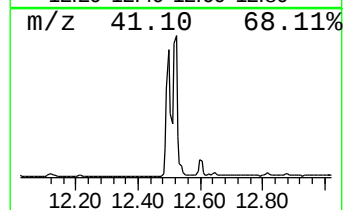
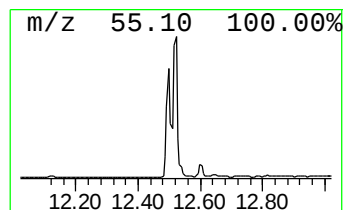
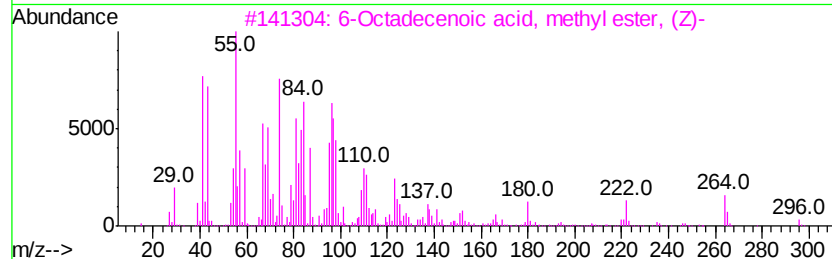
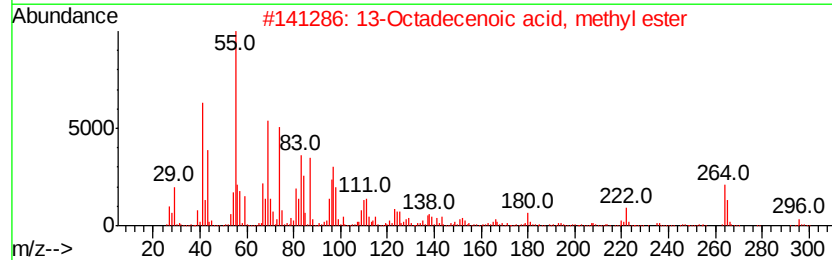
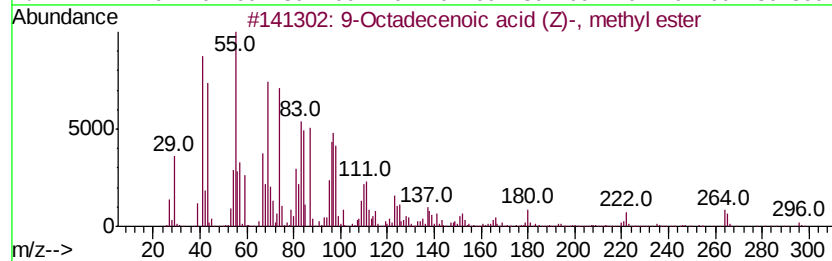
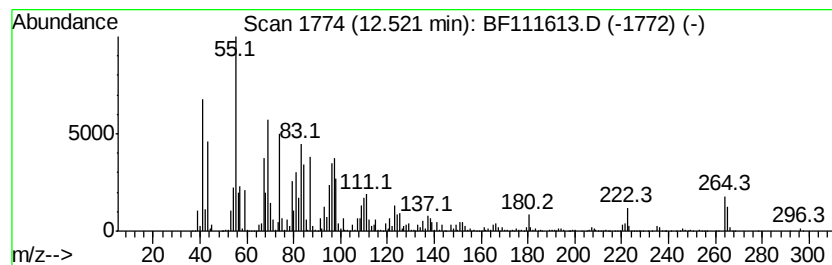
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.52 | 66.23 ng | 4482220 | Phenanthrene-d10 | 11.41 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 99   |
| 2    |    | 13-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-47-3 | 99   |
| 3    |    | 6-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 002777-58-4 | 98   |
| 4    |    | 14-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-48-4 | 98   |
| 5    |    | 16-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-49-5 | 98   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

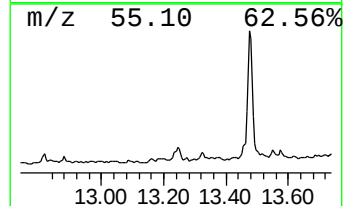
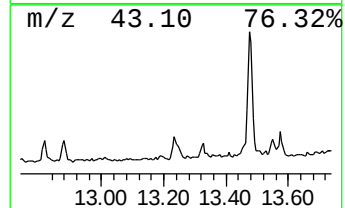
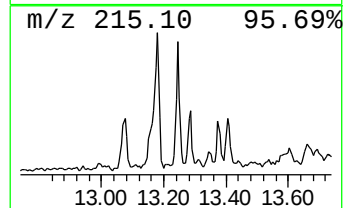
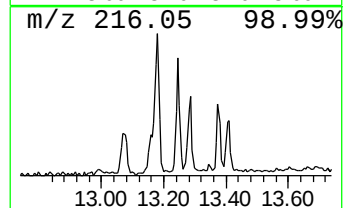
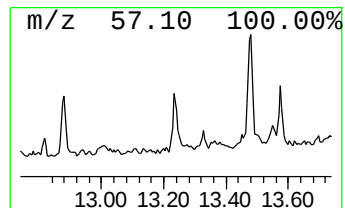
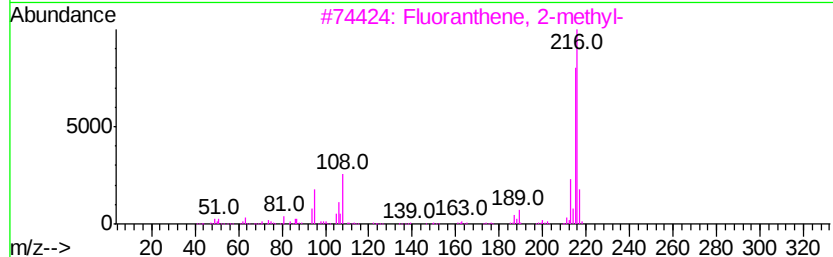
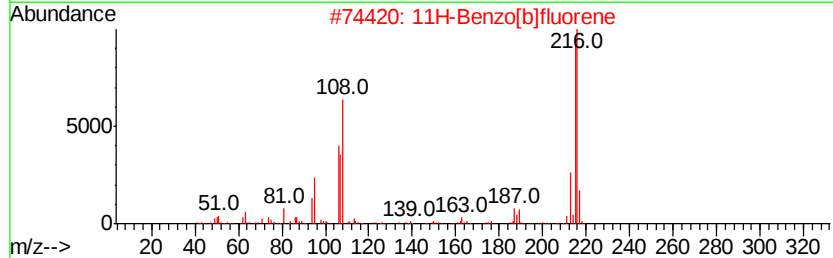
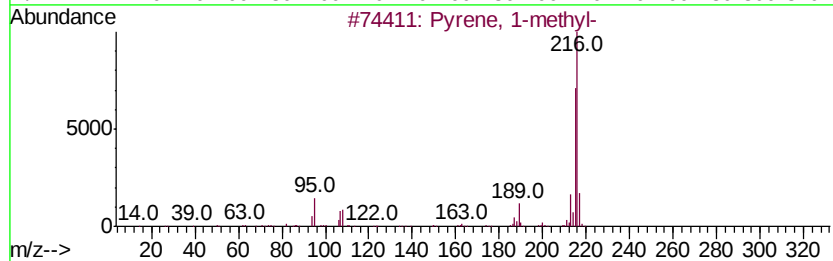
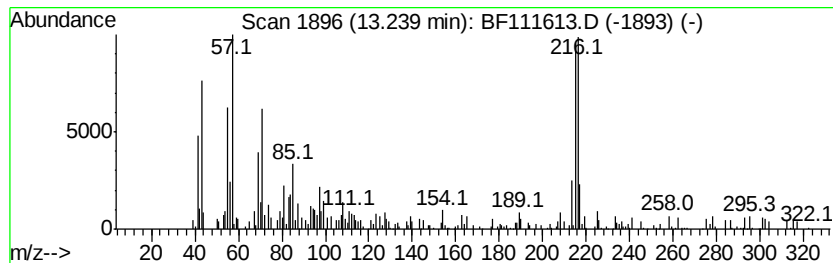
Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 9

| R.T.    | EstConc | Area                    | Relative to ISTD | R.T.    |             |      |
|---------|---------|-------------------------|------------------|---------|-------------|------|
| 13.24   | 2.43 ng | 179966                  | Chrysene-d12     | 14.04   |             |      |
| Hit# of | 5       | Tentative ID            | MW               | MolForm | CAS#        | Qual |
| 1       |         | Pyrene, 1-methyl-       | 216              | C17H12  | 002381-21-7 | 93   |
| 2       |         | 11H-Benzo[b]fluorene    | 216              | C17H12  | 000243-17-4 | 90   |
| 3       |         | Fluoranthene, 2-methyl- | 216              | C17H12  | 033543-31-6 | 90   |
| 4       |         | 11H-Benzo[a]fluorene    | 216              | C17H12  | 000238-84-6 | 87   |
| 5       |         | Pyrene, 2-methyl-       | 216              | C17H12  | 003442-78-2 | 70   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

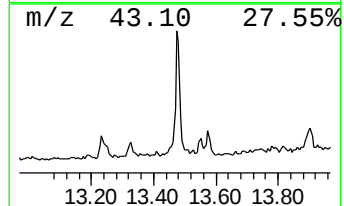
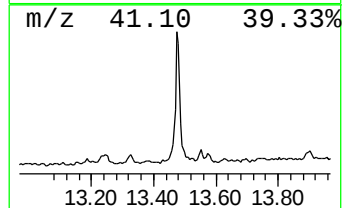
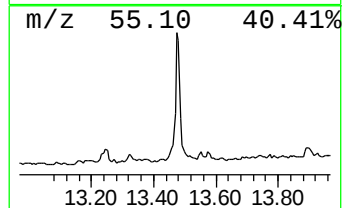
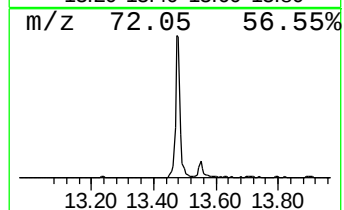
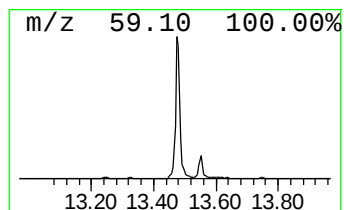
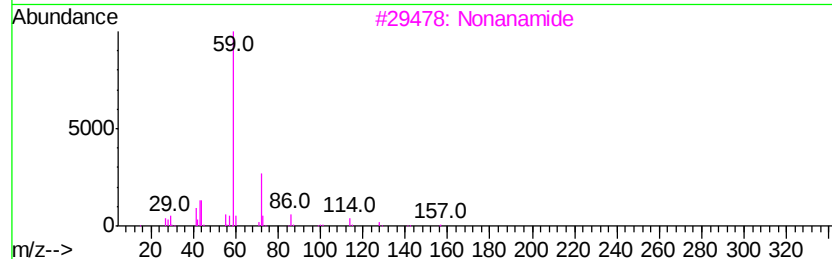
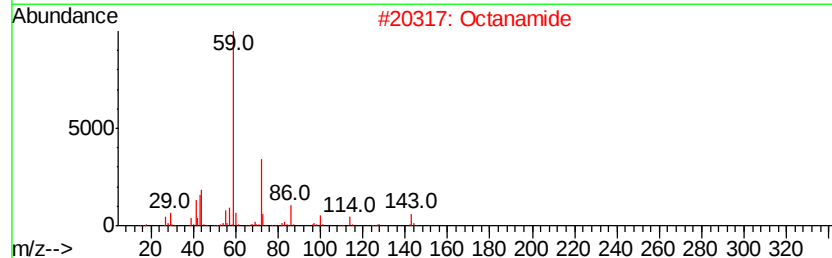
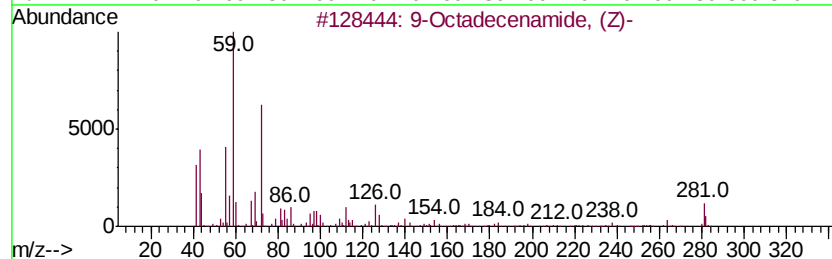
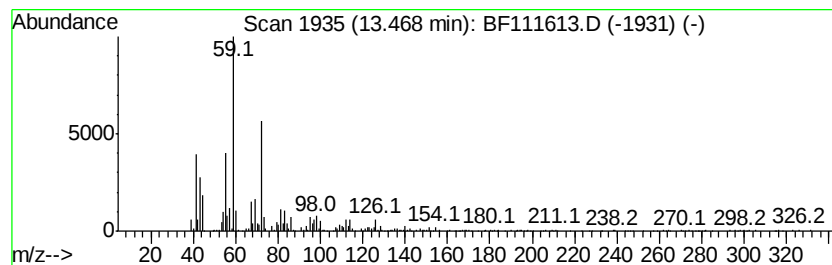
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 13.47 | 16.07 ng | 1190880 | Chrysene-d12     | 14.04 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 9-Octadecenamide, (Z)-              | 281 | C18H35NO   | 000301-02-0 | 95   |
| 2    |    | Octanamide                          | 143 | C8H17NO    | 000629-01-6 | 59   |
| 3    |    | Nonanamide                          | 157 | C9H19NO    | 001120-07-6 | 53   |
| 4    |    | Hexanamide                          | 115 | C6H13NO    | 000628-02-4 | 52   |
| 5    |    | Benzeneethanamine, 2-fluoro-.bet... | 229 | C11H16FN03 | 061338-98-5 | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

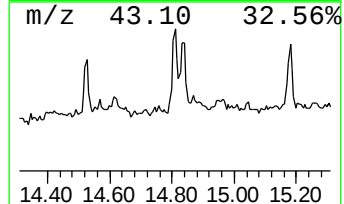
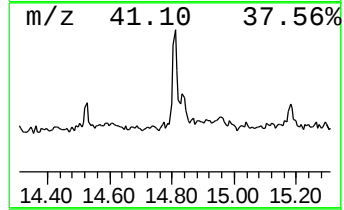
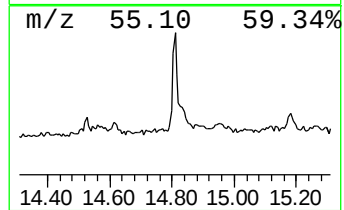
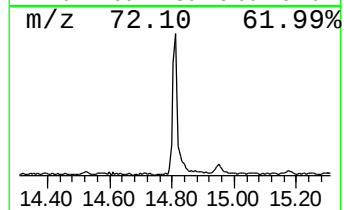
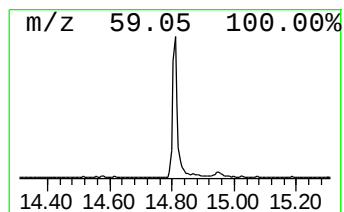
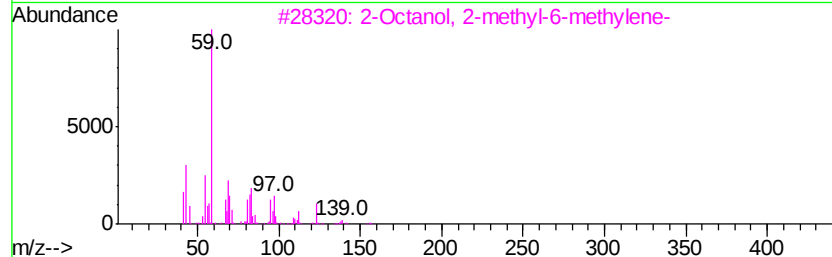
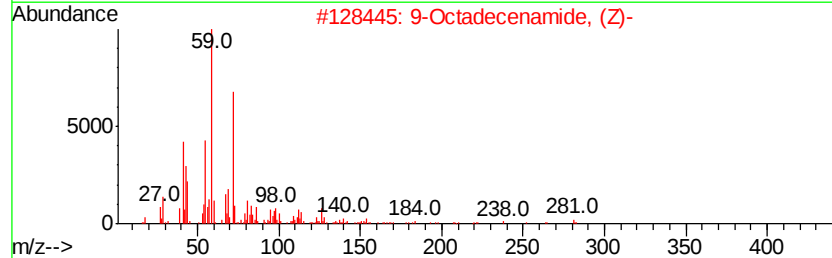
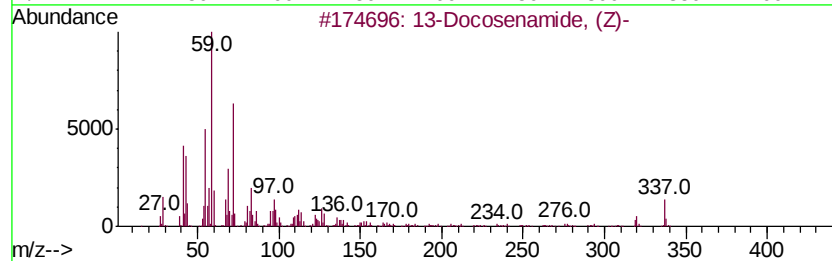
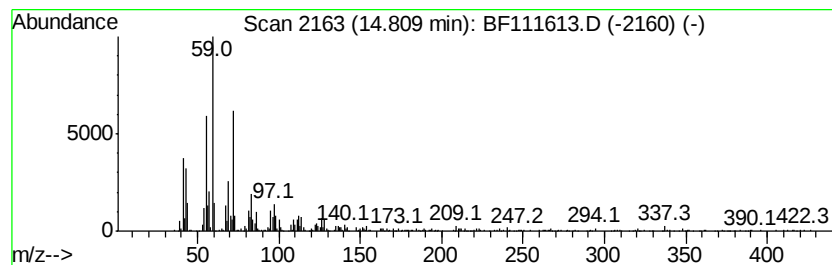
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 13-Docosenamide, (Z)- Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 14.81 | 12.26 ng | 497440 | Perylene-d12     | 15.52 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | 13-Docosenamide, (Z)-            | 337 | C22H43NO | 000112-84-5 | 91   |
| 2    |    | 9-Octadecenamide, (Z)-           | 281 | C18H35NO | 000301-02-0 | 83   |
| 3    |    | 2-Octanol, 2-methyl-6-methylene- | 156 | C10H20O  | 018479-59-9 | 60   |
| 4    |    | Tetradecanamide                  | 227 | C14H29NO | 000638-58-4 | 59   |
| 5    |    | Dodecanamide                     | 199 | C12H25NO | 001120-16-7 | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF121918\  
Data File : BF111613.D  
Acq On : 20 Dec 2018 1:52  
Operator : JU/SJ  
Sample : J6194-07 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-121818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF121918.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 |
| unknown6.66           | 6.66  | 13.4    | ng    | 776070   | 1                     | 6.90  | 1161590 | 20.0 |
| Tetradecane           | 9.34  | 2.3     | ng    | 170490   | 3                     | 9.93  | 1465800 | 20.0 |
| Heptadecane           | 10.84 | 2.7     | ng    | 180788   | 4                     | 11.41 | 1353630 | 20.0 |
| Hexadecanoic acid...  | 11.81 | 21.9    | ng    | 1479320  | 4                     | 11.41 | 1353630 | 20.0 |
| 9,12-Octadecadien...  | 12.50 | 71.4    | ng    | 4833150  | 4                     | 11.41 | 1353630 | 20.0 |
| 9-Octadecenoic ac...  | 12.52 | 66.2    | ng    | 4482220  | 4                     | 11.41 | 1353630 | 20.0 |
| Pyrene, 1-methyl-     | 13.24 | 2.4     | ng    | 179966   | 5                     | 14.04 | 1482570 | 20.0 |
| 9-Octadecenamide, ... | 13.47 | 16.1    | ng    | 1190880  | 5                     | 14.04 | 1482570 | 20.0 |
| 13-Docosenamide, ...  | 14.81 | 12.3    | ng    | 497440   | 6                     | 15.52 | 811386  | 20.0 |