

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
 Data File : BG041329.D  
 Acq On : 19 Jun 2019 15:42  
 Operator : HP/JU  
 Sample : K3154-09 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-061419-E

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\_G\METHODS\8270-BG061719.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         | 5.614       | 425           | 430         | 438          | rBV      | 95403          | 164896        | 2.30%           | 0.724%        |
| 2         | 7.230       | 698           | 705         | 716          | rBV      | 108264         | 202641        | 2.82%           | 0.890%        |
| 3         | 7.606       | 762           | 769         | 776          | rBV      | 106096         | 193440        | 2.69%           | 0.850%        |
| 4         | 8.076       | 843           | 849         | 857          | rBV      | 158246         | 281666        | 3.92%           | 1.237%        |
| 5         | 8.399       | 899           | 904         | 912          | rBV      | 82848          | 149123        | 2.08%           | 0.655%        |
| 6         | 9.257       | 1043          | 1050        | 1060         | rBV      | 68606          | 142183        | 1.98%           | 0.625%        |
| 7         | 10.902      | 1322          | 1330        | 1336         | rBV      | 213472         | 378837        | 5.28%           | 1.664%        |
| 8         | 13.335      | 1738          | 1744        | 1753         | rBV      | 167888         | 280128        | 3.90%           | 1.231%        |
| 9         | 13.499      | 1763          | 1772        | 1778         | rBV      | 64742          | 115192        | 1.60%           | 0.506%        |
| 10        | 14.151      | 1874          | 1883        | 1888         | rBV7     | 44376          | 98314         | 1.37%           | 0.432%        |
| 11        | 14.569      | 1949          | 1954        | 1958         | rBV      | 91746          | 117211        | 1.63%           | 0.515%        |
| 12        | 14.716      | 1971          | 1979        | 1986         | rVB2     | 328689         | 544472        | 7.58%           | 2.392%        |
| 13        | 15.515      | 2111          | 2115        | 2120         | rVB      | 108949         | 142704        | 1.99%           | 0.627%        |
| 14        | 15.914      | 2177          | 2183        | 2188         | rVB      | 55090          | 96853         | 1.35%           | 0.425%        |
| 15        | 16.202      | 2227          | 2232        | 2239         | rBV      | 135920         | 237670        | 3.31%           | 1.044%        |
| 16        | 16.372      | 2257          | 2261        | 2270         | rBV      | 135778         | 250643        | 3.49%           | 1.101%        |
| 17        | 17.166      | 2392          | 2396        | 2400         | rBV      | 131177         | 151251        | 2.11%           | 0.664%        |
| 18        | 17.213      | 2400          | 2404        | 2408         | rVB2     | 52099          | 76497         | 1.07%           | 0.336%        |
| 19        | 17.459      | 2440          | 2446        | 2451         | rBV      | 437805         | 683794        | 9.52%           | 3.004%        |
| 20        | 17.500      | 2451          | 2453        | 2458         | rVB      | 53554          | 73910         | 1.03%           | 0.325%        |
| 21        | 17.906      | 2518          | 2522        | 2528         | rVB      | 124244         | 147714        | 2.06%           | 0.649%        |
| 22        | 18.088      | 2548          | 2553        | 2559         | rVB      | 919938         | 1109423       | 15.45%          | 4.874%        |
| 23        | 18.317      | 2587          | 2592        | 2597         | rBV3     | 125030         | 204588        | 2.85%           | 0.899%        |
| 24        | 18.593      | 2635          | 2639        | 2643         | rVB      | 111309         | 137879        | 1.92%           | 0.606%        |
| 25        | 19.228      | 2741          | 2747        | 2750         | rBV      | 3959346        | 4985056       | 69.43%          | 21.900%       |
| 26        | 19.263      | 2750          | 2753        | 2763         | rVB      | 5770619        | 7179524       | 100.00%         | 31.541%       |
| 27        | 19.387      | 2769          | 2774        | 2778         | rBV      | 552684         | 654516        | 9.12%           | 2.875%        |
| 28        | 19.445      | 2779          | 2784        | 2786         | rBV2     | 187938         | 274234        | 3.82%           | 1.205%        |
| 29        | 19.475      | 2786          | 2789        | 2792         | rVV      | 345666         | 377638        | 5.26%           | 1.659%        |
| 30        | 19.586      | 2806          | 2808        | 2815         | rVB4     | 69825          | 101173        | 1.41%           | 0.444%        |
| 31        | 19.751      | 2832          | 2836        | 2841         | rBV      | 135325         | 178956        | 2.49%           | 0.786%        |
| 32        | 19.798      | 2841          | 2844        | 2848         | rVB      | 98245          | 99141         | 1.38%           | 0.436%        |
| 33        | 19.874      | 2854          | 2857        | 2861         | rVB      | 78683          | 105100        | 1.46%           | 0.462%        |
| 34        | 20.056      | 2884          | 2888        | 2893         | rBV      | 300549         | 379089        | 5.28%           | 1.665%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

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\_G\METHODS\8270-BG061719.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 20.244 | 2915 | 2920 | 2923 | rBV2 | 167024 | 221277 | 3.08%  | 0.972% |
| 36 | 20.327 | 2930 | 2934 | 2938 | rBV3 | 106679 | 176119 | 2.45%  | 0.774% |
| 37 | 20.362 | 2938 | 2940 | 2946 | rVB2 | 141016 | 151146 | 2.11%  | 0.664% |
| 38 | 20.473 | 2955 | 2959 | 2962 | rBV2 | 115593 | 135509 | 1.89%  | 0.595% |
| 39 | 20.820 | 3016 | 3018 | 3022 | rVB  | 69994  | 71829  | 1.00%  | 0.316% |
| 40 | 21.490 | 3129 | 3132 | 3140 | rVB2 | 82346  | 134055 | 1.87%  | 0.589% |
| 41 | 21.737 | 3169 | 3174 | 3180 | rVB  | 445457 | 727350 | 10.13% | 3.195% |
| 42 | 21.878 | 3195 | 3198 | 3205 | rVB4 | 81634  | 133097 | 1.85%  | 0.585% |
| 43 | 25.056 | 3733 | 3739 | 3751 | rVB2 | 248200 | 696717 | 9.70%  | 3.061% |

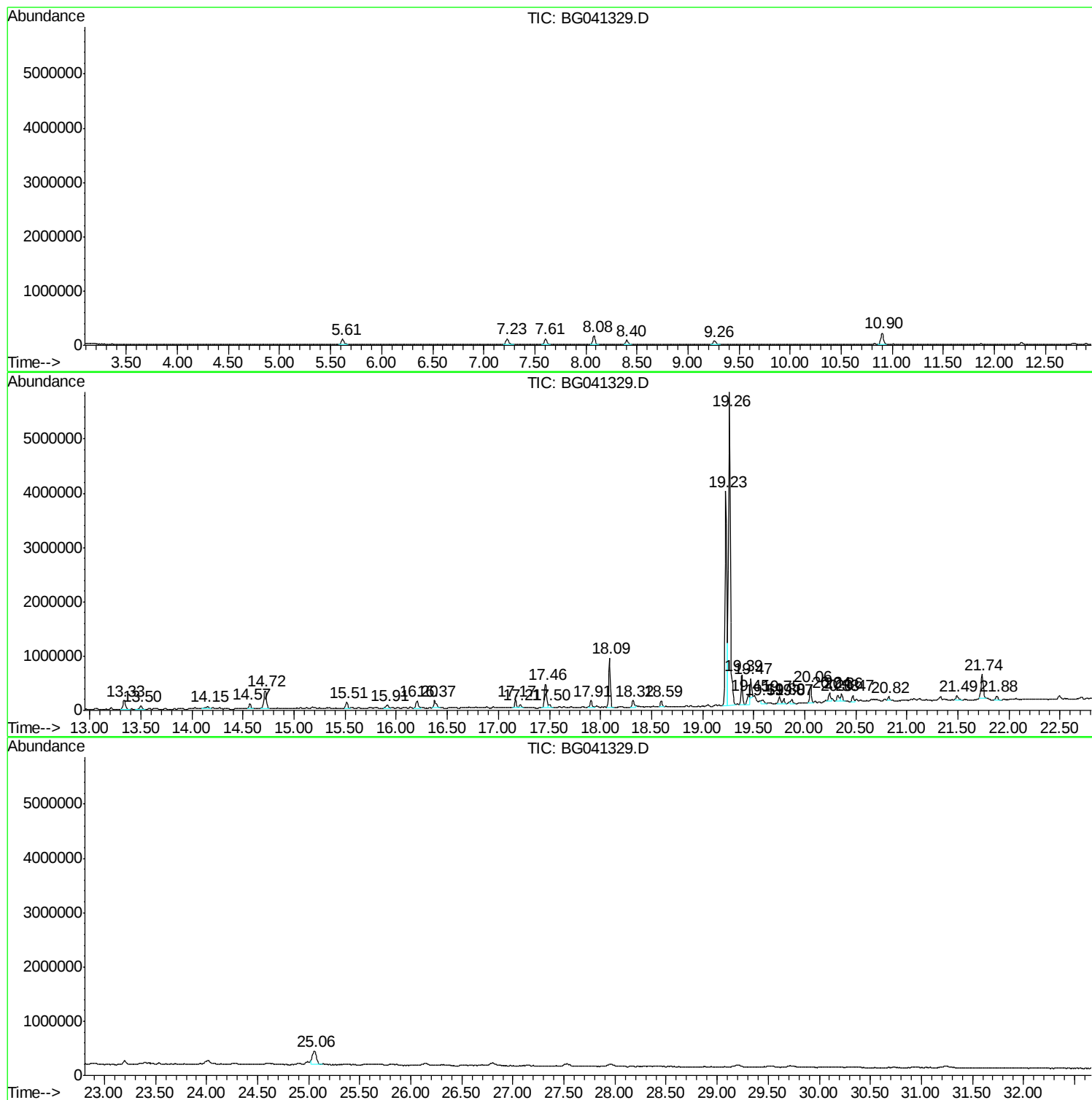
Sum of corrected areas: 22762555

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.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 G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

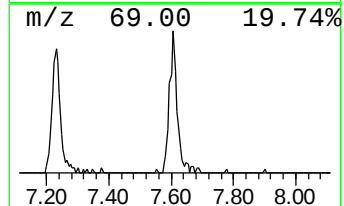
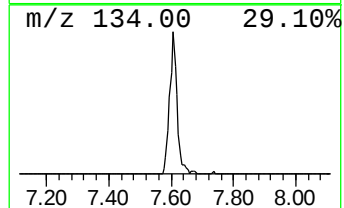
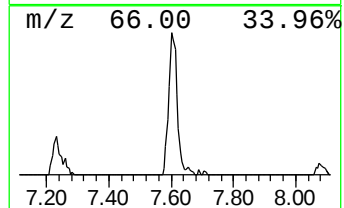
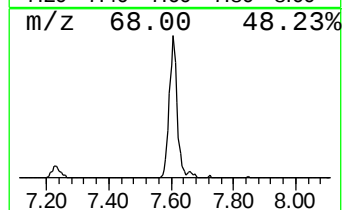
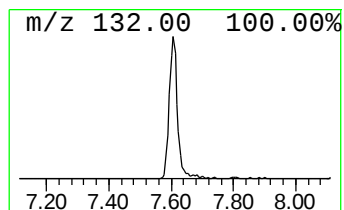
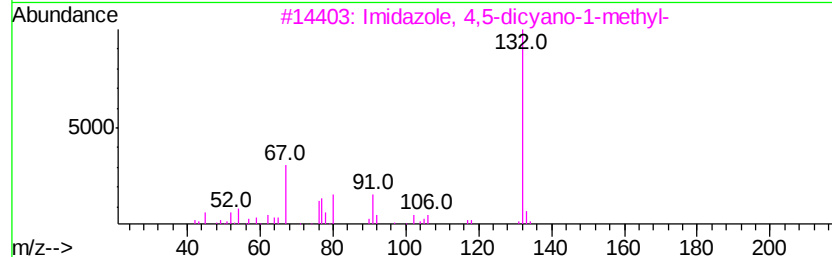
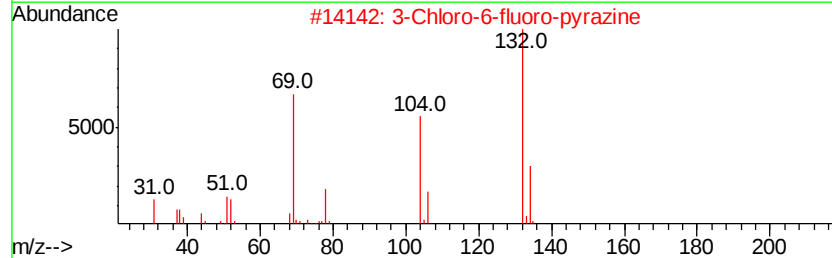
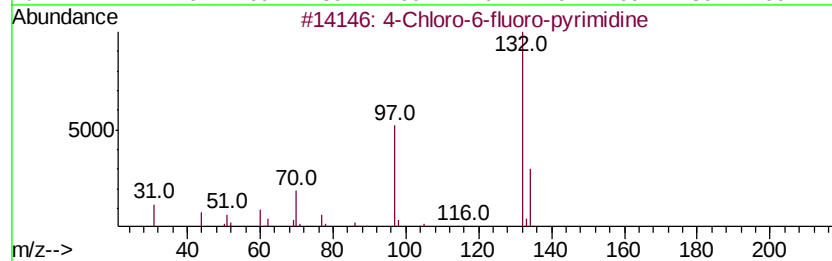
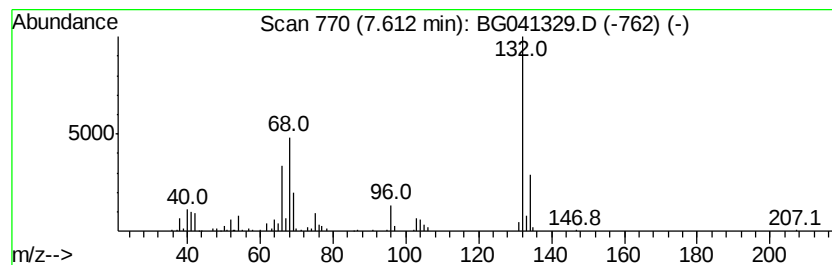
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 unknown7.61 Concentration Rank 5

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.61 | 13.74 ng | 193440 | 1,4-Dichlorobenzene-d4 | 8.08 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 3    |    | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4    | 019485-35-9  | 14   |
| 4    |    | 1,3,5-Trifluorobenzene           | 132 | C6H3F3    | 000372-38-3  | 12   |
| 5    |    | 1H-Indazole, 7-methyl-           | 132 | C8H8N2    | 1000316-00-7 | 12   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

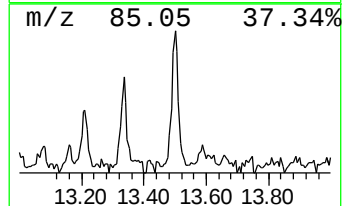
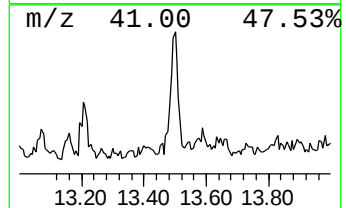
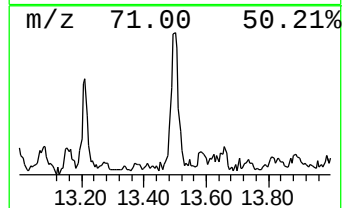
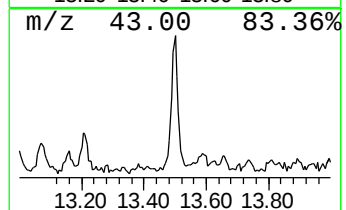
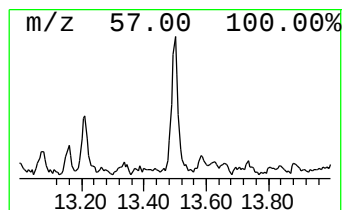
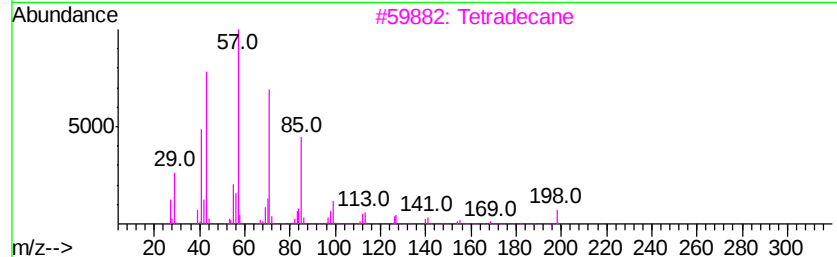
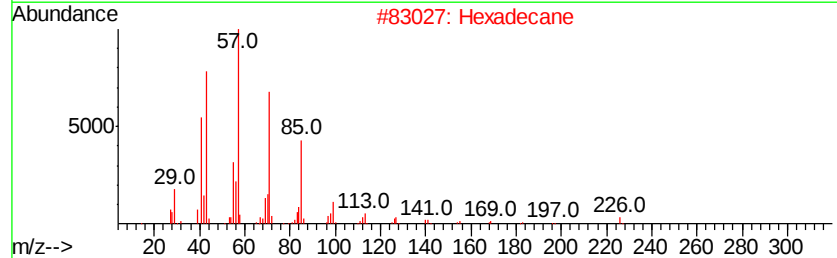
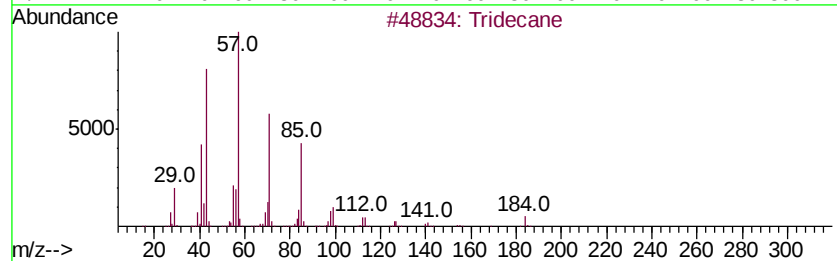
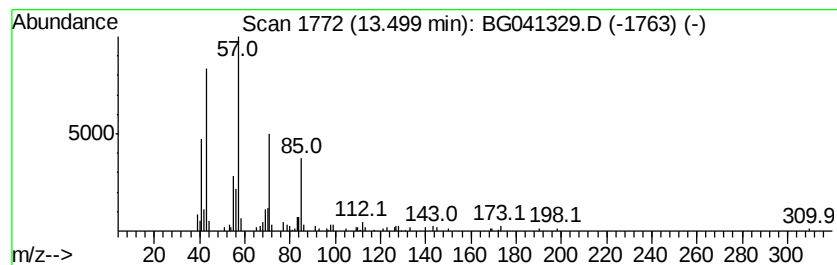
Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Tridecane Concentration Rank 17

| R.T.      | EstConc                      | Area   | Relative to ISTD |             | R.T.  |
|-----------|------------------------------|--------|------------------|-------------|-------|
| 13.50     | 4.23 ng                      | 115192 | Acenaphthene-d10 |             | 14.72 |
| Hit# of 5 | Tentative ID                 | MW     | MolForm          | CAS#        | Qual  |
| 1         | Tridecane                    | 184    | C13H28           | 000629-50-5 | 86    |
| 2         | Hexadecane                   | 226    | C16H34           | 000544-76-3 | 86    |
| 3         | Tetradecane                  | 198    | C14H30           | 000629-59-4 | 83    |
| 4         | Tridecane, 6-methyl-         | 198    | C14H30           | 013287-21-3 | 64    |
| 5         | Dodecane, 2-methyl-6-propyl- | 226    | C16H34           | 055045-08-4 | 64    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

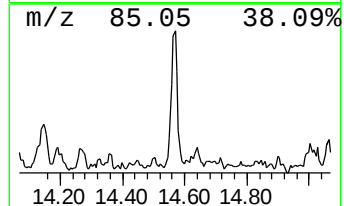
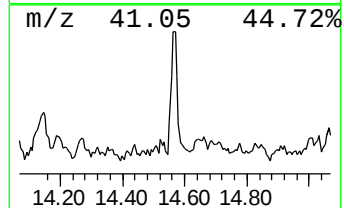
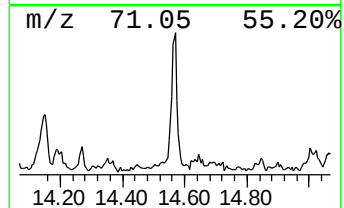
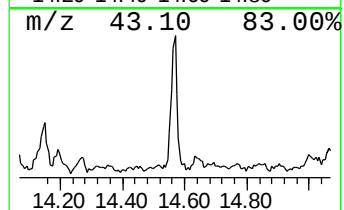
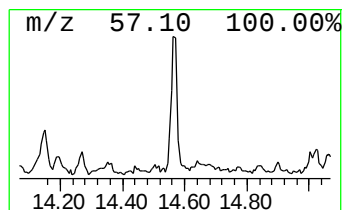
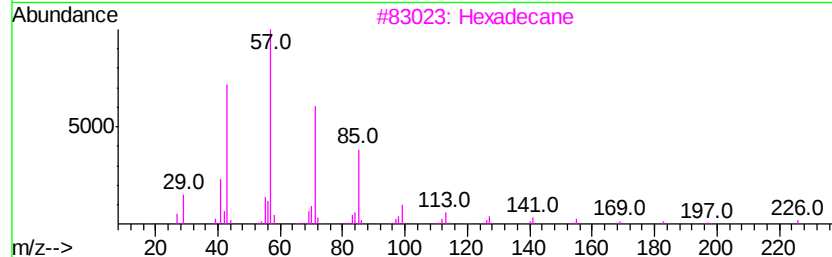
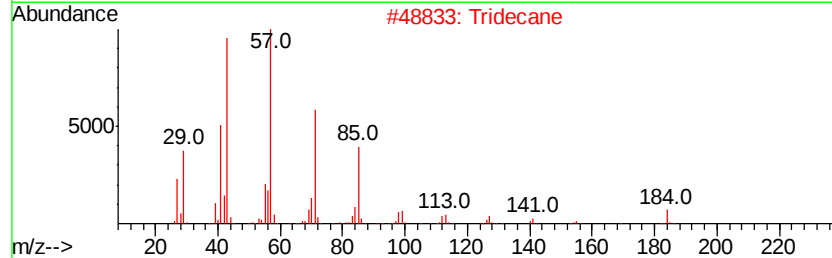
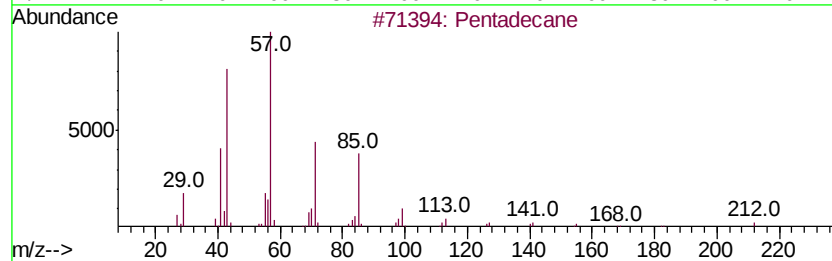
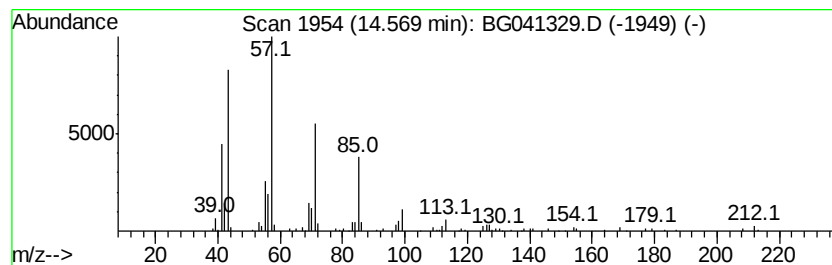
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Pentadecane Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.57 | 4.31 ng | 117211 | Acenaphthene-d10 | 14.72 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 93   |
| 2    |    | Tridecane                    | 184 | C13H28  | 000629-50-5 | 86   |
| 3    |    | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 86   |
| 4    |    | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 86   |
| 5    |    | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

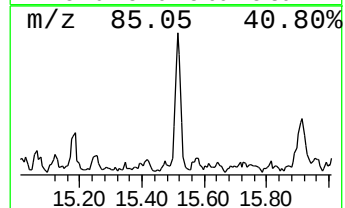
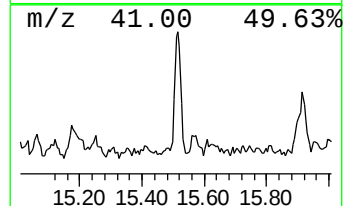
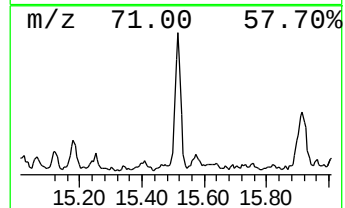
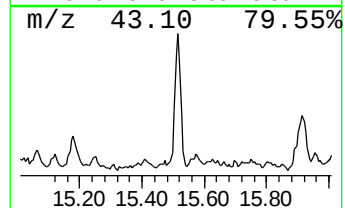
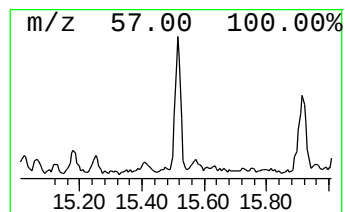
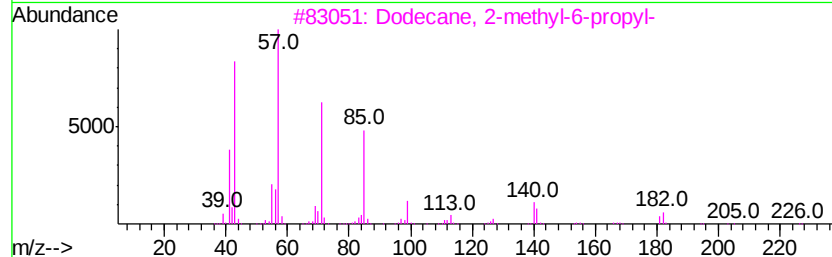
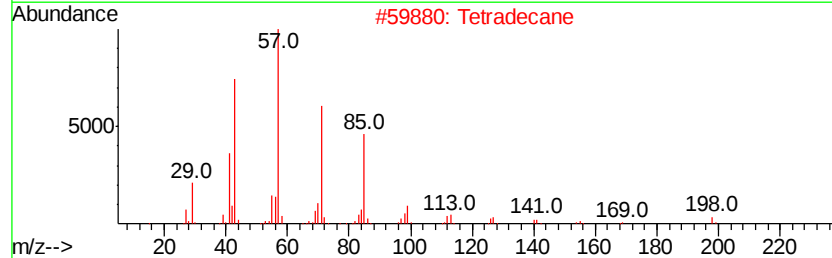
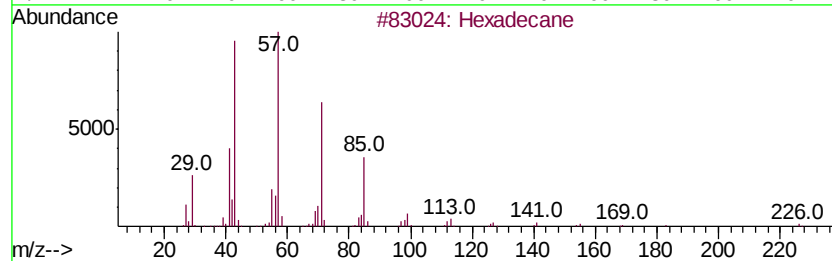
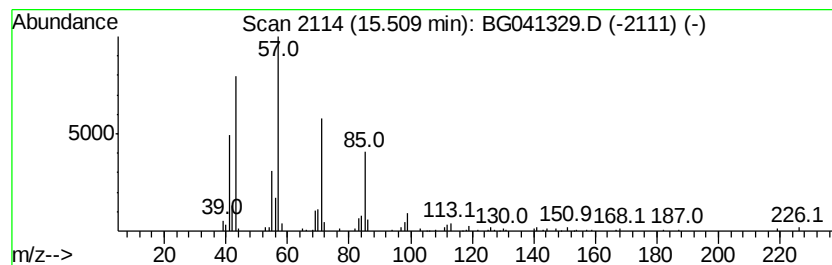
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Hexadecane Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.51 | 5.24 ng | 142704 | Acenaphthene-d10 | 14.72 |

| Hit# of | 5                            | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------------------|--------------|-----|---------|-------------|------|
| 1       | Hexadecane                   |              | 226 | C16H34  | 000544-76-3 | 96   |
| 2       | Tetradecane                  |              | 198 | C14H30  | 000629-59-4 | 86   |
| 3       | Dodecane, 2-methyl-6-propyl- |              | 226 | C16H34  | 055045-08-4 | 86   |
| 4       | 9-methylheptadecane          |              | 254 | C18H38  | 026741-18-4 | 86   |
| 5       | Tridecane                    |              | 184 | C13H28  | 000629-50-5 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

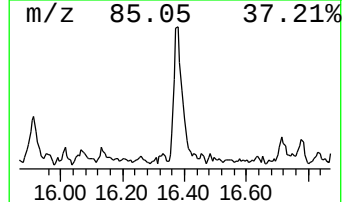
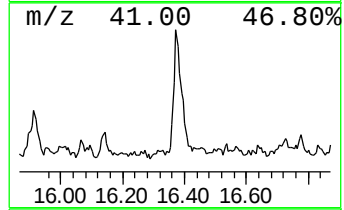
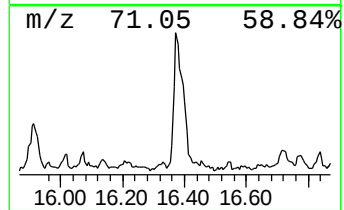
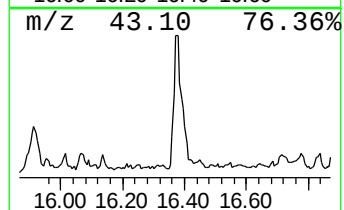
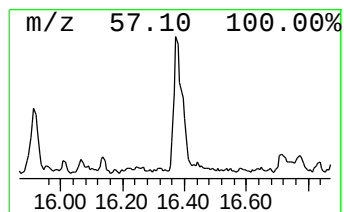
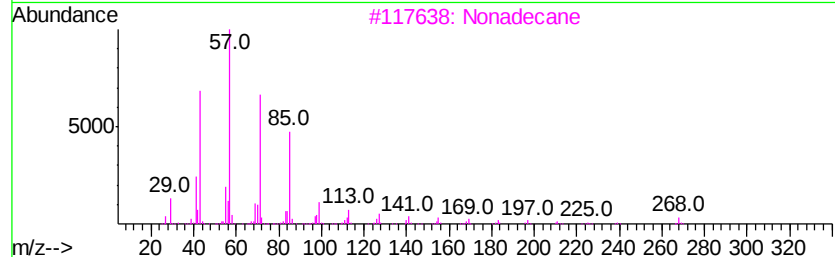
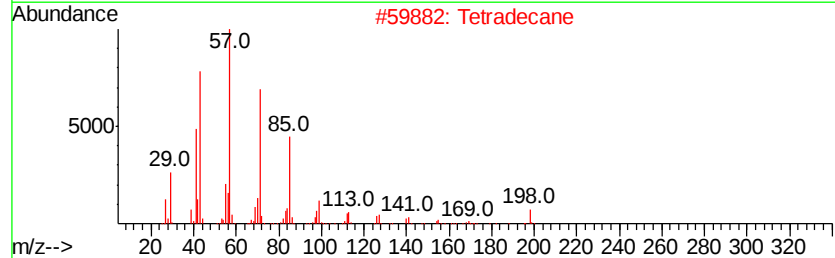
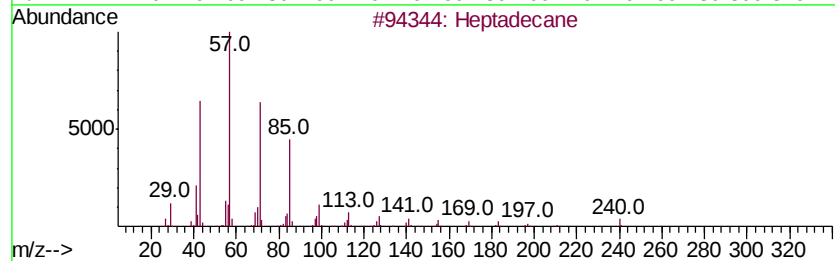
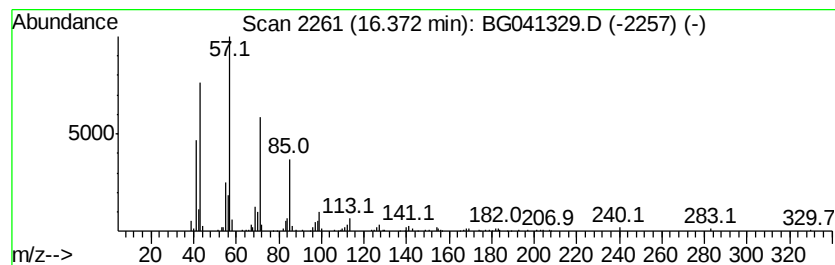
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Heptadecane Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.37 | 7.33 ng | 250643 | Phenanthrene-d10 | 17.46 |

| Hit# of | 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------|--------------|-----|---------|-------------|------|
| 1       | Heptadecane |              | 240 | C17H36  | 000629-78-7 | 95   |
| 2       | Tetradecane |              | 198 | C14H30  | 000629-59-4 | 90   |
| 3       | Nonadecane  |              | 268 | C19H40  | 000629-92-5 | 90   |
| 4       | Tridecane   |              | 184 | C13H28  | 000629-50-5 | 87   |
| 5       | Hexadecane  |              | 226 | C16H34  | 000544-76-3 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

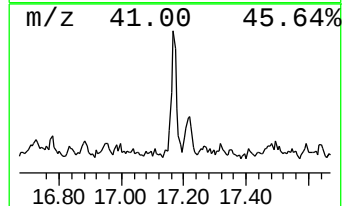
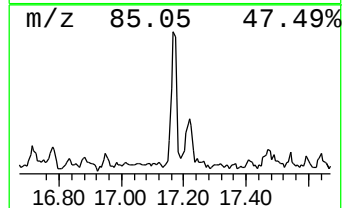
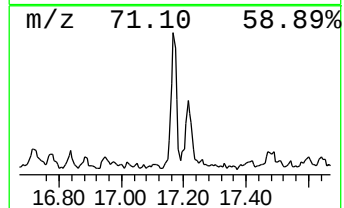
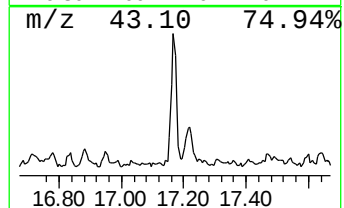
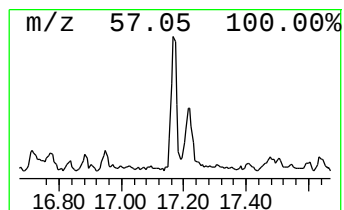
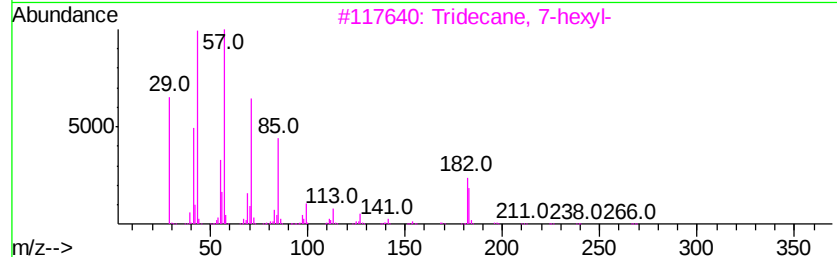
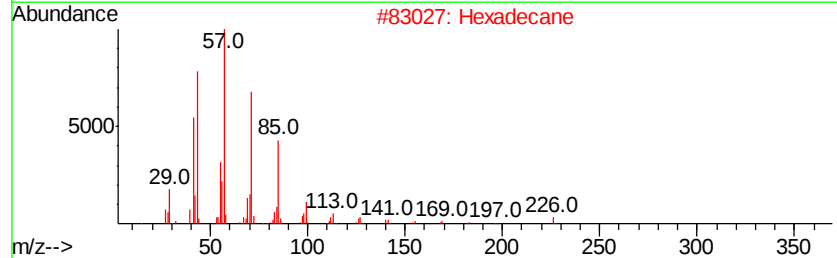
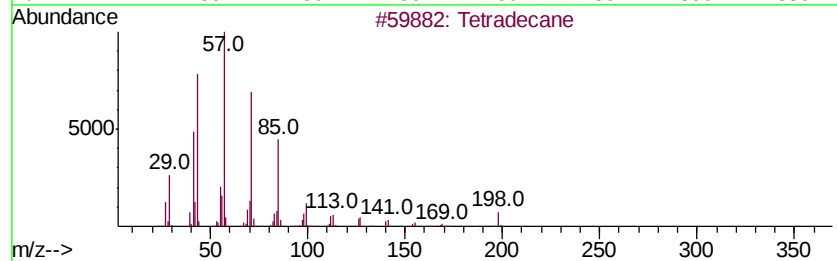
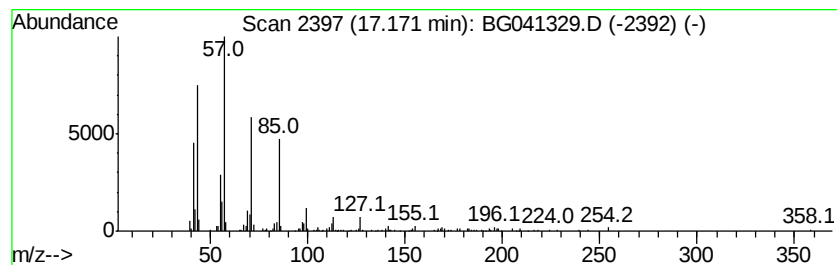
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Tetradecane Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.17 | 4.42 ng | 151251 | Phenanthrene-d10 | 17.46 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tetradecane                         | 198 | C14H30    | 000629-59-4  | 95   |
| 2    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 91   |
| 3    |    |   | Tridecane, 7-hexyl-                 | 268 | C19H40    | 007225-66-3  | 91   |
| 4    |    |   | Sulfurous acid, pentadecyl 2-pro... | 334 | C18H38O3S | 1000309-12-6 | 90   |
| 5    |    |   | Octacosane                          | 394 | C28H58    | 000630-02-4  | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

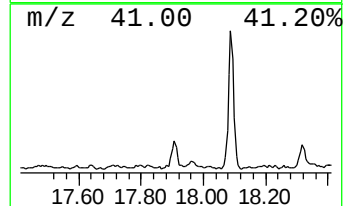
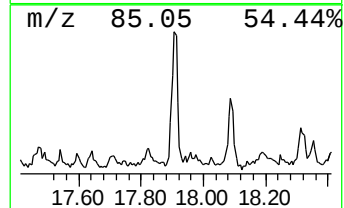
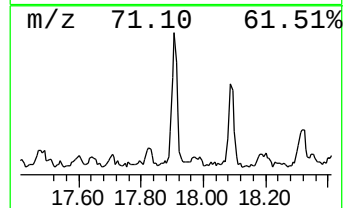
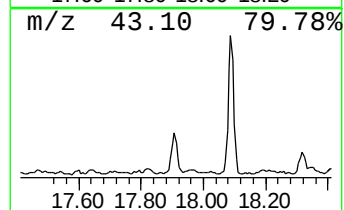
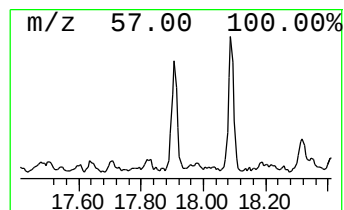
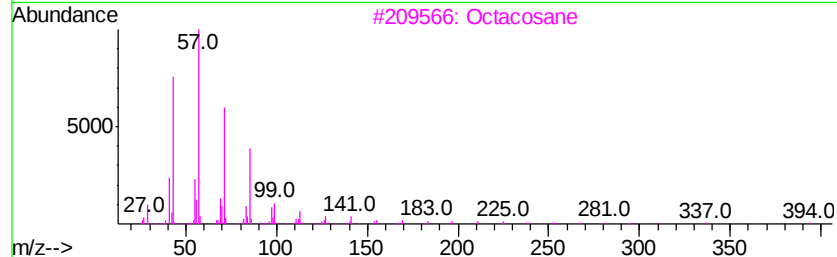
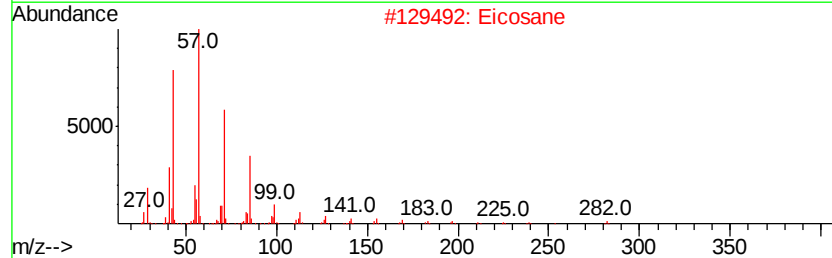
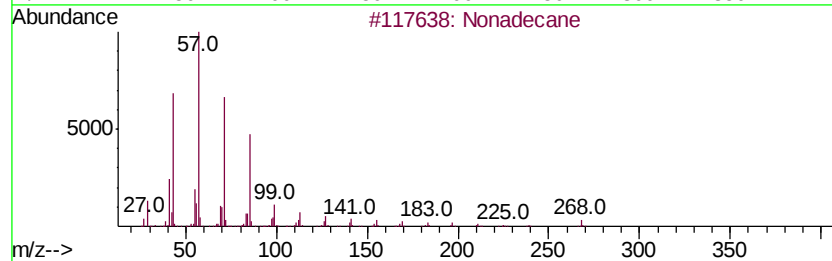
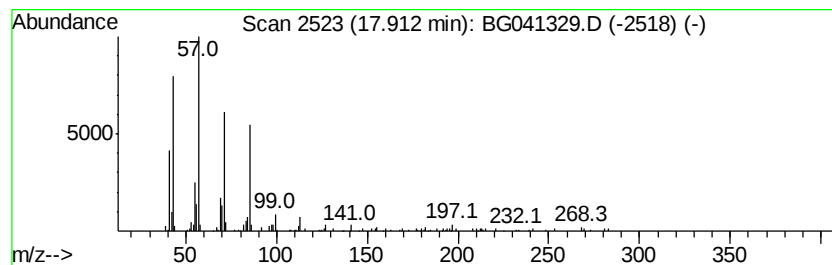
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Nonadecane Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.91 | 4.32 ng | 147714 | Phenanthrene-d10 | 17.46 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|----------|-------------|------|
| 1       | Nonadecane                          |              | 268 | C19H40   | 000629-92-5 | 95   |
| 2       | Eicosane                            |              | 282 | C20H42   | 000112-95-8 | 91   |
| 3       | Octacosane                          |              | 394 | C28H58   | 000630-02-4 | 90   |
| 4       | 2-Bromo dodecane                    |              | 248 | C12H25Br | 013187-99-0 | 90   |
| 5       | Heptadecane, 2,6,10,15-tetramethyl- |              | 296 | C21H44   | 054833-48-6 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

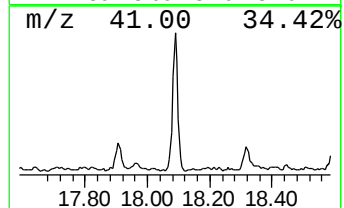
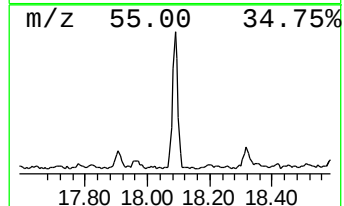
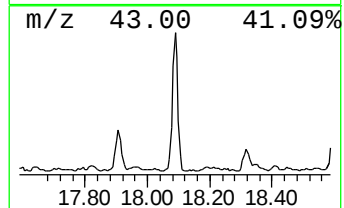
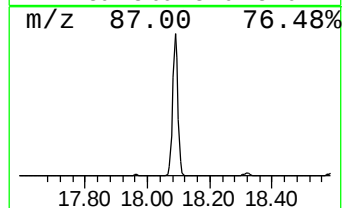
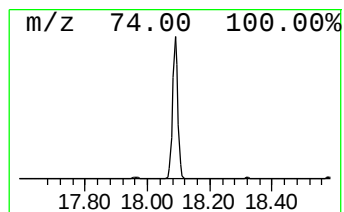
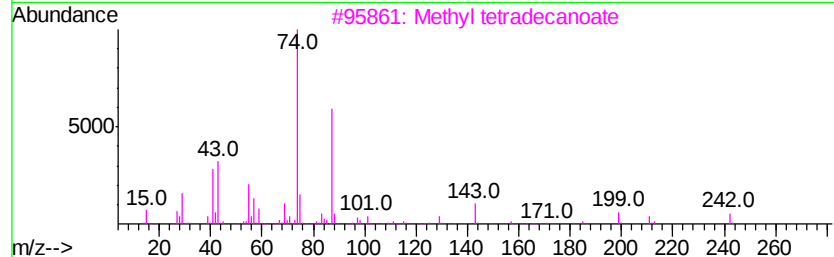
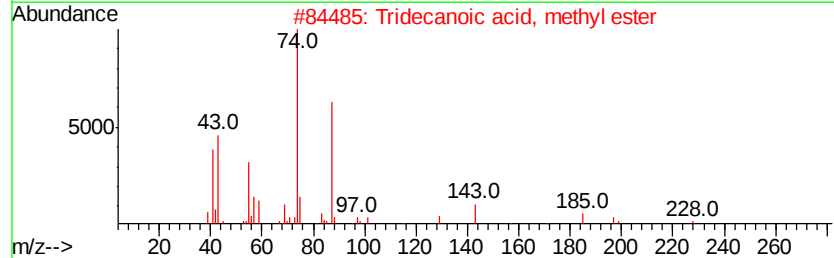
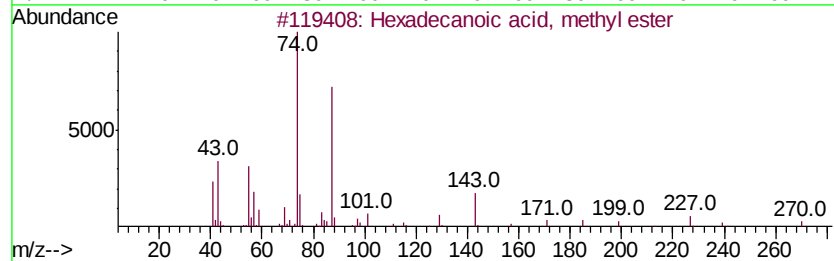
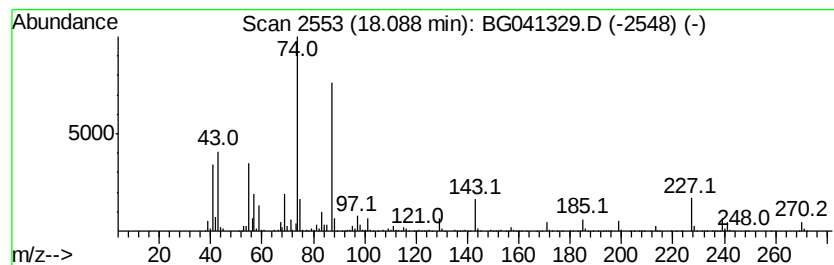
Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 18.09     | 32.45 ng                            | 1109420 | Phenanthrene-d10 | 17.46       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexadecanoic acid, methyl ester     | 270     | C17H34O2         | 000112-39-0 | 97   |
| 2         | Tridecanoic acid, methyl ester      | 228     | C14H28O2         | 001731-88-0 | 96   |
| 3         | Methyl tetradecanoate               | 242     | C15H30O2         | 000124-10-7 | 87   |
| 4         | Hexadecanoic acid, 15-methyl-, m... | 284     | C18H36O2         | 006929-04-0 | 86   |
| 5         | Dodecanoic acid, 10-methyl-, met... | 228     | C14H28O2         | 005129-65-7 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

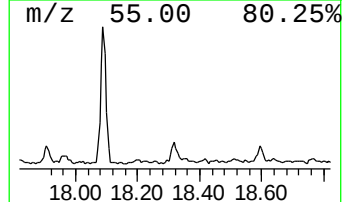
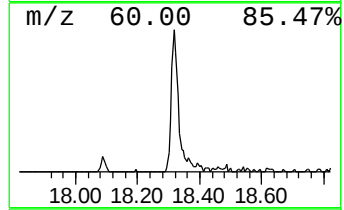
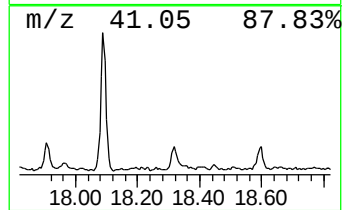
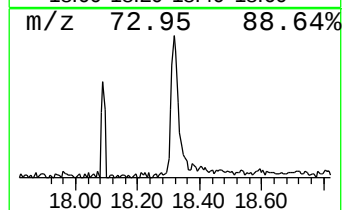
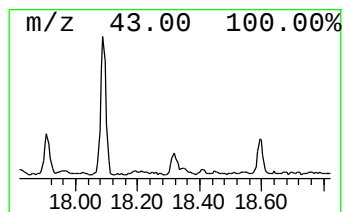
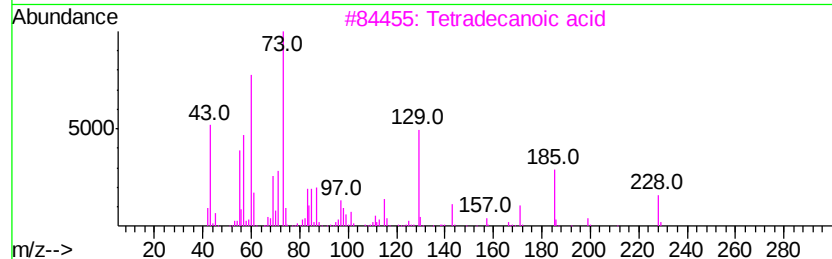
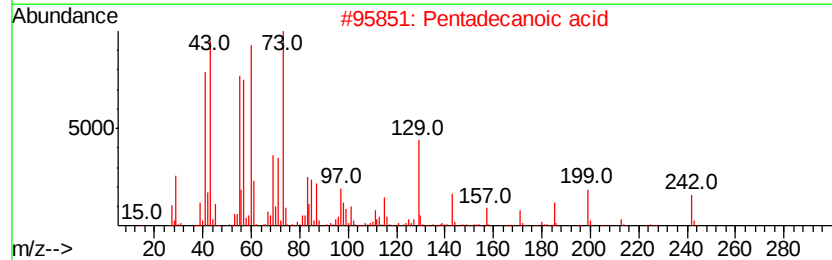
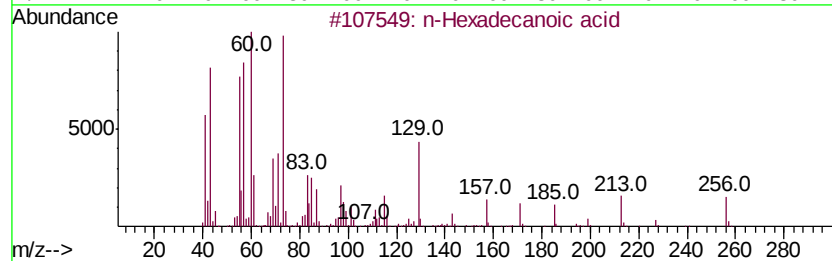
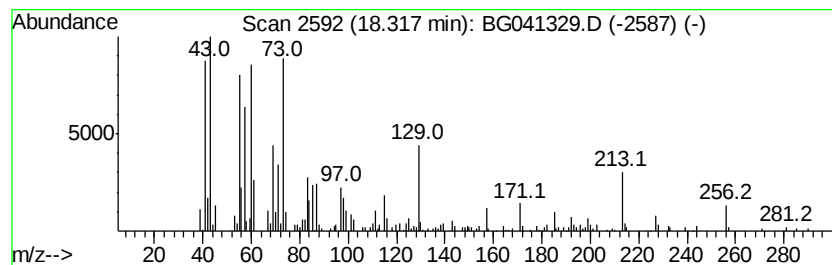
Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 n-Hexadecanoic acid Concentration Rank 10

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 18.32     | 5.98 ng             | 204588 | Phenanthrene-d10 | 17.46       |      |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 99   |
| 2         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 83   |
| 3         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 76   |
| 4         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 76   |
| 5         | Octadecanoic acid   | 284    | C18H36O2         | 000057-11-4 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

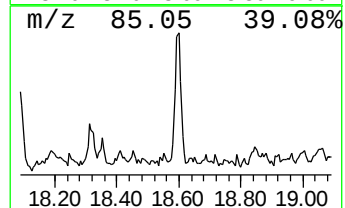
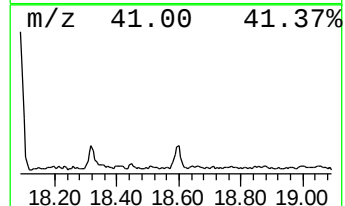
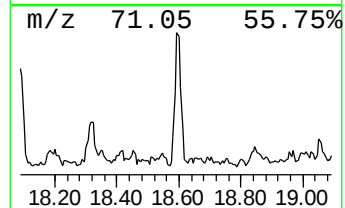
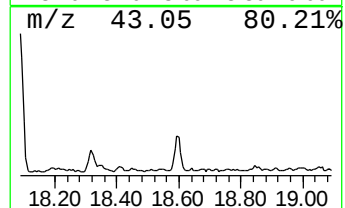
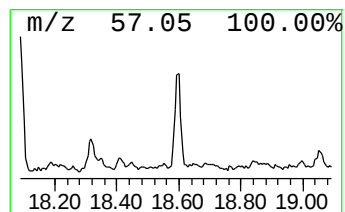
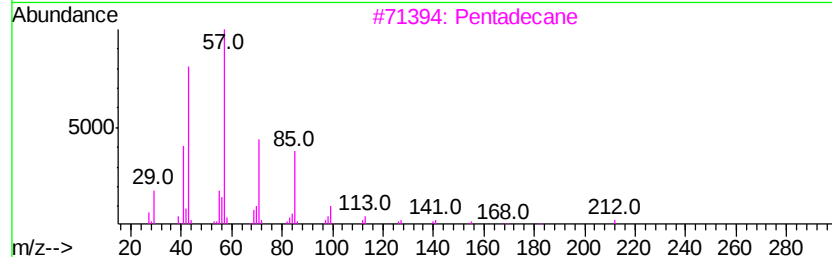
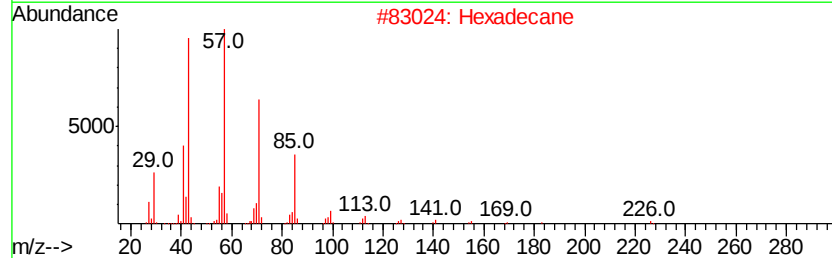
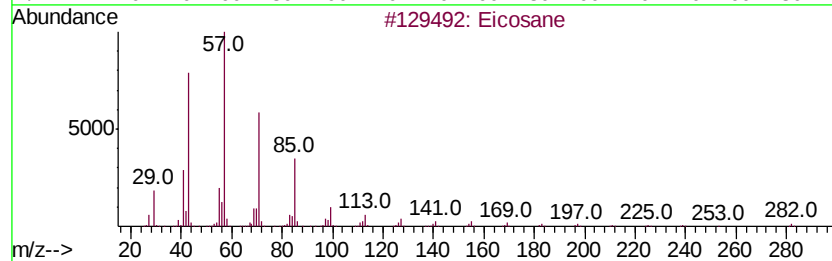
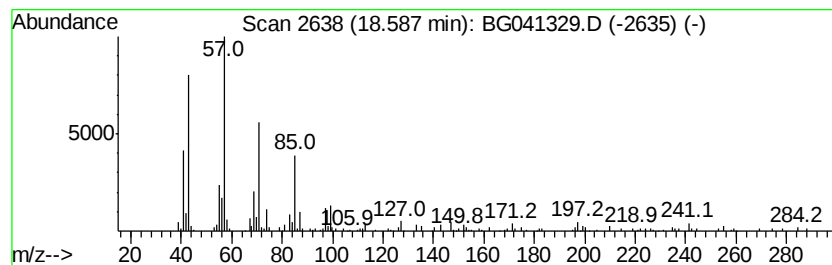
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Eicosane Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.59 | 4.03 ng | 137879 | Phenanthrene-d10 | 17.46 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane     | 282 | C20H42  | 000112-95-8 | 96   |
| 2    |    | Hexadecane   | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |    | Pentadecane  | 212 | C15H32  | 000629-62-9 | 90   |
| 4    |    | Tetracosane  | 338 | C24H50  | 000646-31-1 | 87   |
| 5    |    | Heptacosane  | 380 | C27H56  | 000593-49-7 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

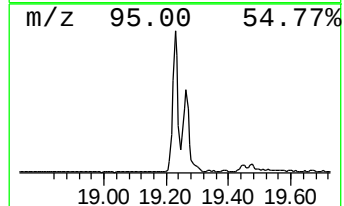
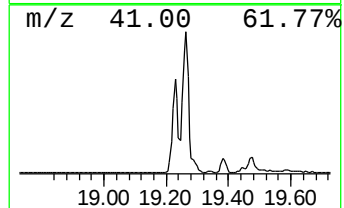
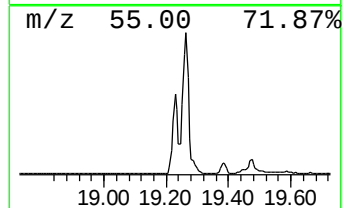
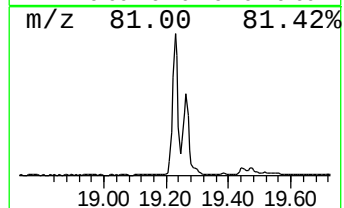
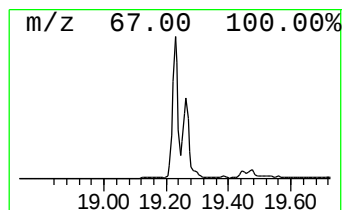
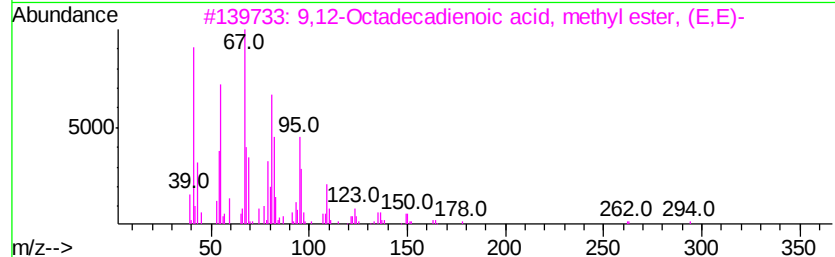
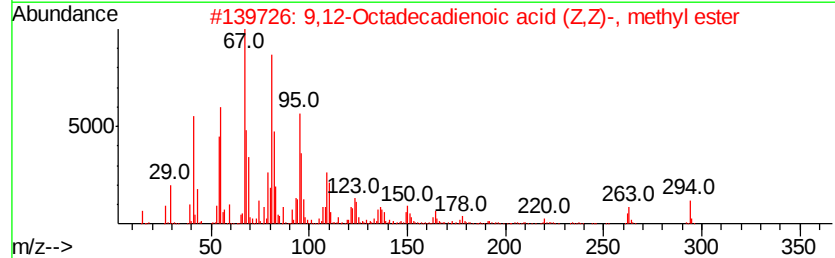
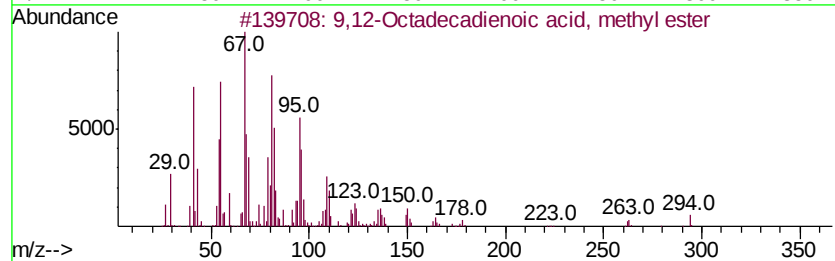
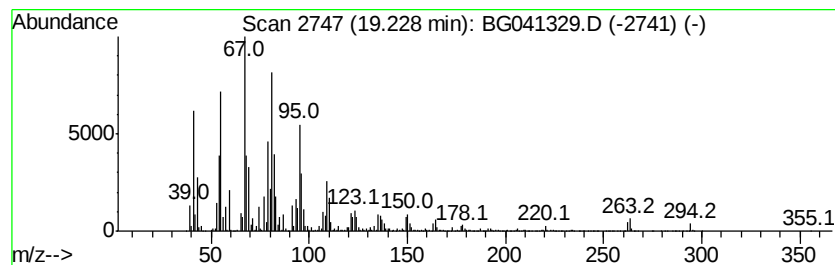
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 19.23 | 145.81 ng | 4985060 | Phenanthrene-d10 | 17.46 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3  | 99   |
| 2    |    | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0  | 99   |
| 3    |    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4  | 99   |
| 4    |    | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6  | 98   |
| 5    |    | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 1000336-44-0 | 98   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

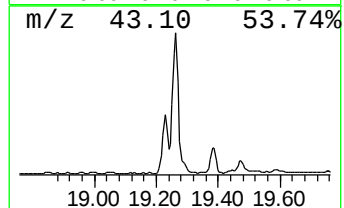
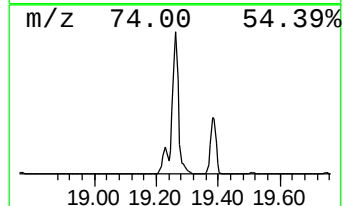
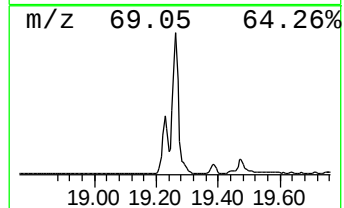
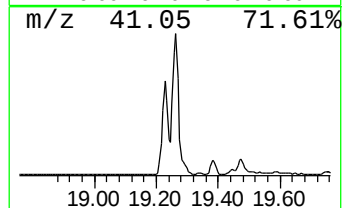
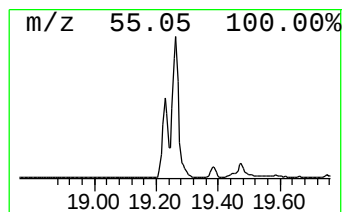
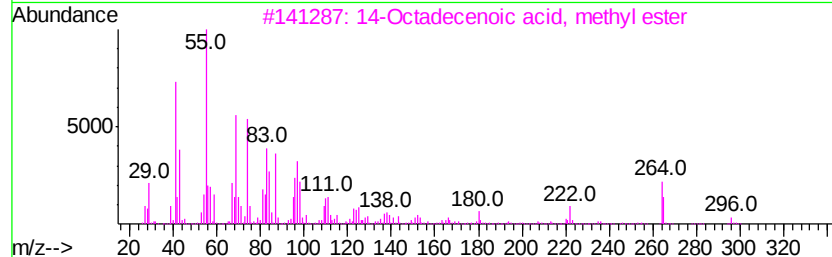
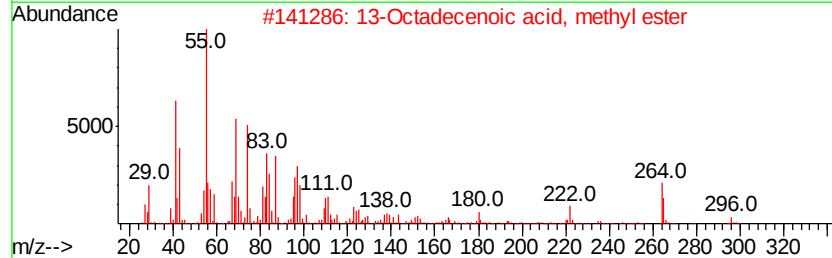
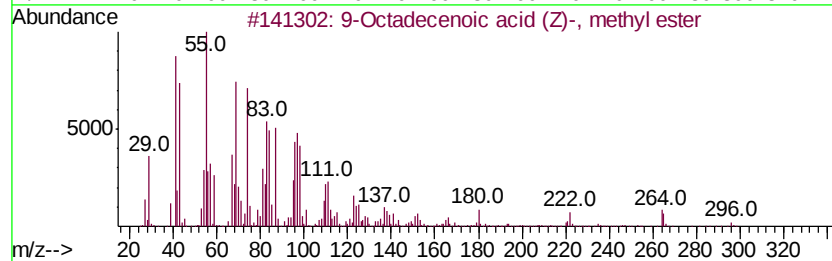
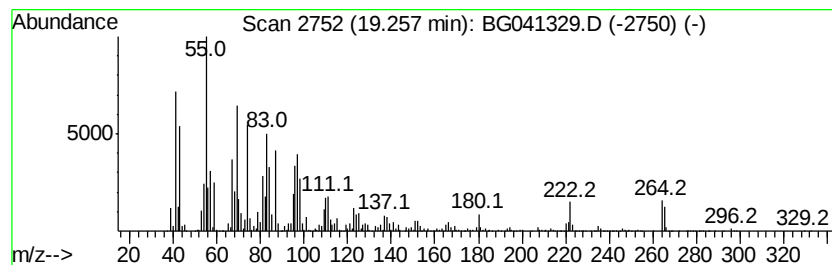
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 19.26 | 209.99 ng | 7179520 | Phenanthrene-d10 | 17.46 |

| 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    |    | 14-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-48-4 | 99   |
| 4    |    | 15-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 004764-72-1 | 99   |
| 5    |    | 6-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 002777-58-4 | 98   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

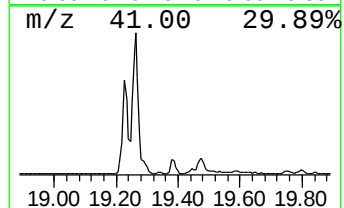
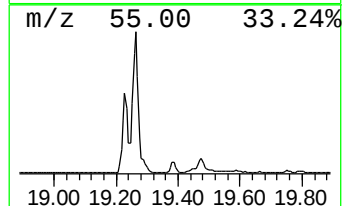
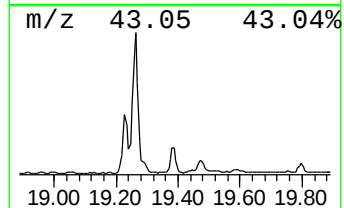
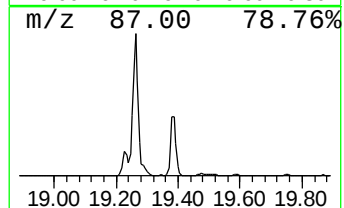
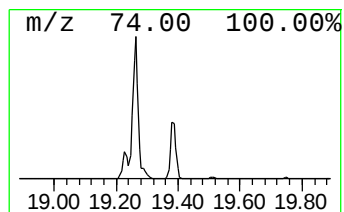
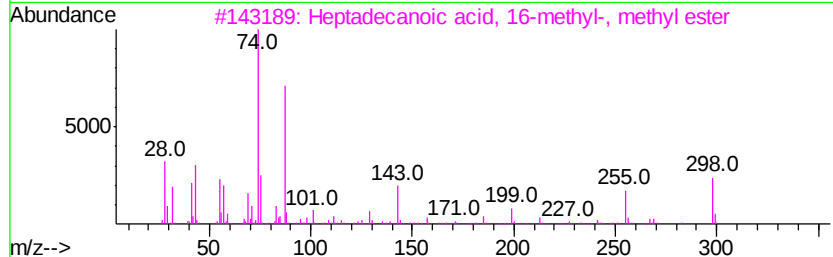
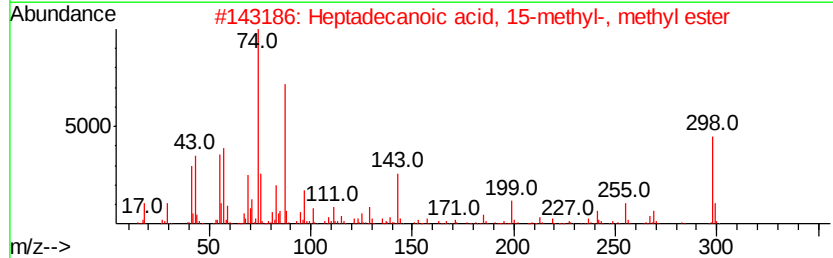
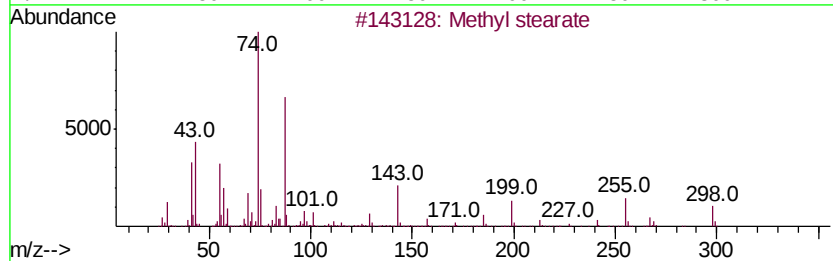
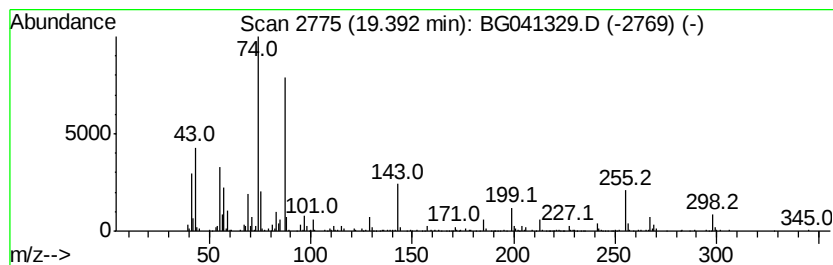
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Methyl stearate Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 19.39 | 19.14 ng | 654516 | Phenanthrene-d10 | 17.46 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 98   |
| 2    |    | Heptadecanoic acid, 15-methyl-, ... | 298 | C19H38O2 | 054833-55-5 | 91   |
| 3    |    | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 91   |
| 4    |    | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 90   |
| 5    |    | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

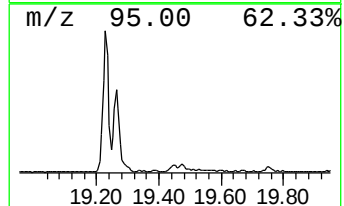
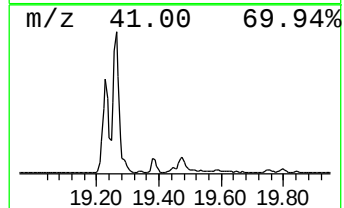
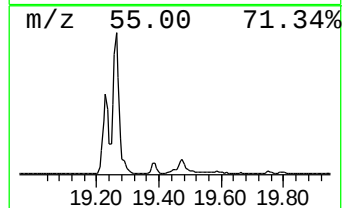
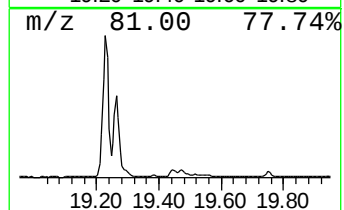
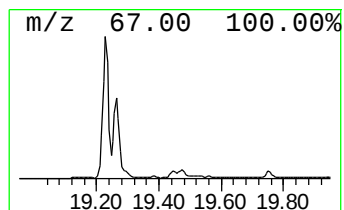
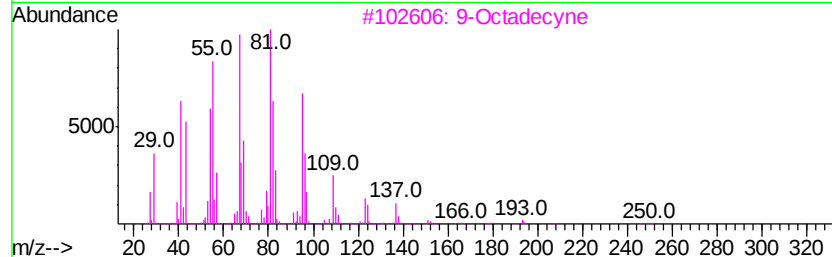
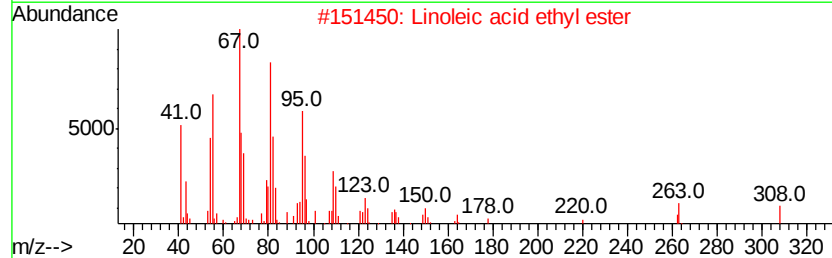
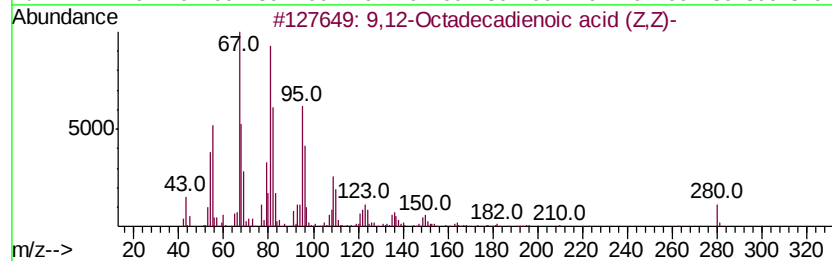
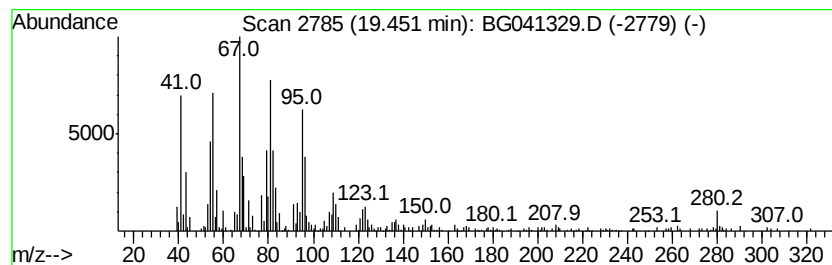
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.45 | 8.02 ng | 274234 | Phenanthrene-d10 | 17.46 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm    | CAS#        | Qual |
|------|----|---|----------------------------------|-----|------------|-------------|------|
| 1    |    |   | 9,12-Octadecadienoic acid (Z,Z)- | 280 | C18H32O2   | 000060-33-3 | 94   |
| 2    |    |   | Linoleic acid ethyl ester        | 308 | C20H36O2   | 000544-35-4 | 94   |
| 3    |    |   | 9-Octadecyne                     | 250 | C18H34     | 035365-59-4 | 93   |
| 4    |    |   | 2-Chloroethyl linoleate          | 342 | C20H35ClO2 | 025525-76-2 | 91   |
| 5    |    |   | Bicyclo[2.2.2]octane, 2-methyl-  | 124 | C9H16      | 000766-53-0 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

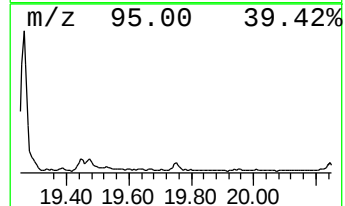
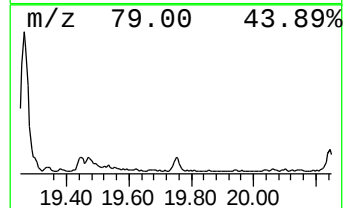
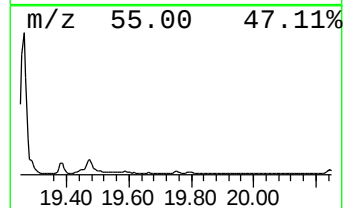
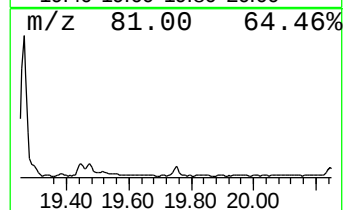
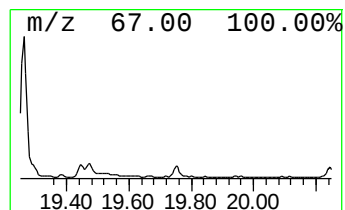
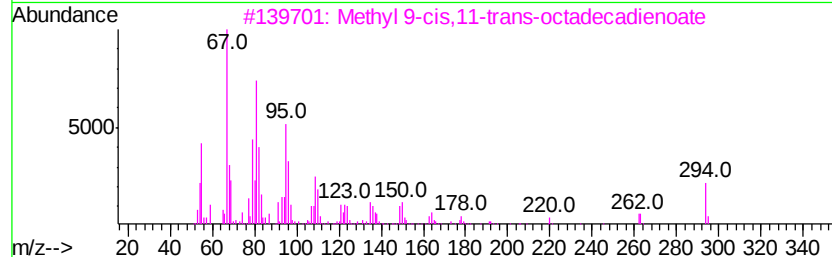
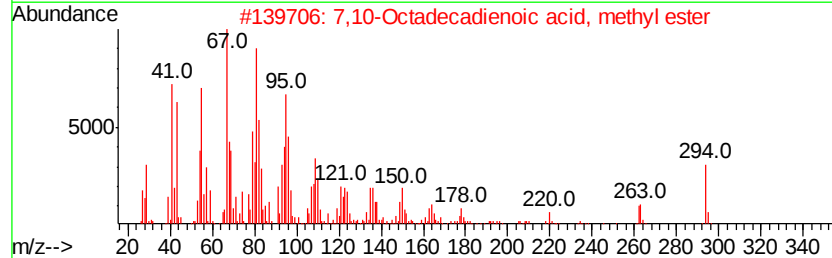
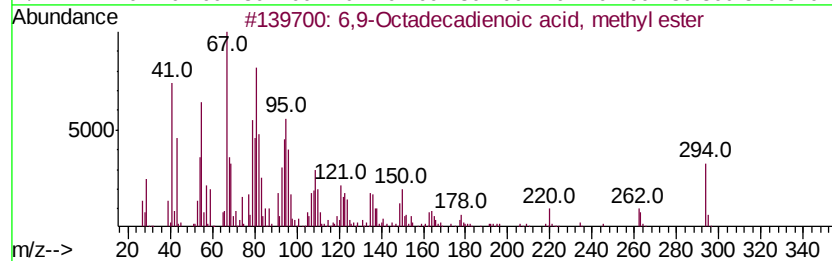
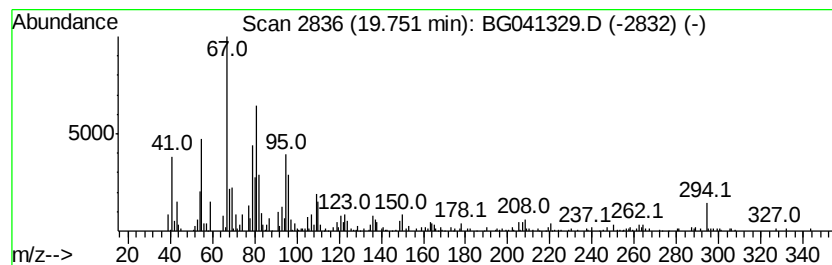
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 6,9-Octadecadienoic acid, m... Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.75 | 4.92 ng | 178956 | Chrysene-d12     | 21.74 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 6,9-Octadecadienoic acid, methyl...  | 294 | C19H34O2 | 056599-55-4  | 95   |
| 2    |    | 7,10-Octadecadienoic acid, methyl... | 294 | C19H34O2 | 056554-24-6  | 92   |
| 3    |    | Methyl 9-cis,11-trans-octadecadi...  | 294 | C19H34O2 | 1000336-44-0 | 90   |
| 4    |    | 9,15-Octadecadienoic acid, methyl... | 294 | C19H34O2 | 017309-05-6  | 87   |
| 5    |    | 8,11-Octadecadienoic acid, methyl... | 294 | C19H34O2 | 056599-58-7  | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

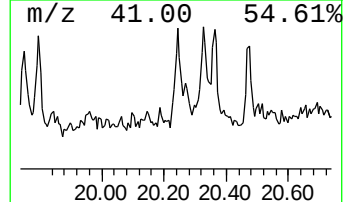
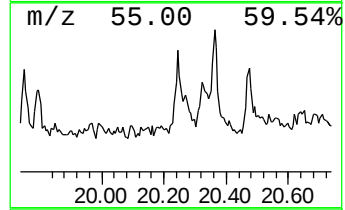
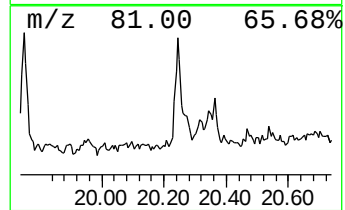
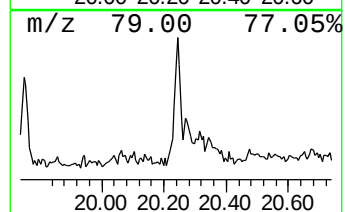
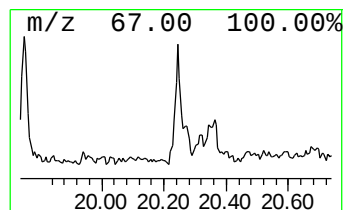
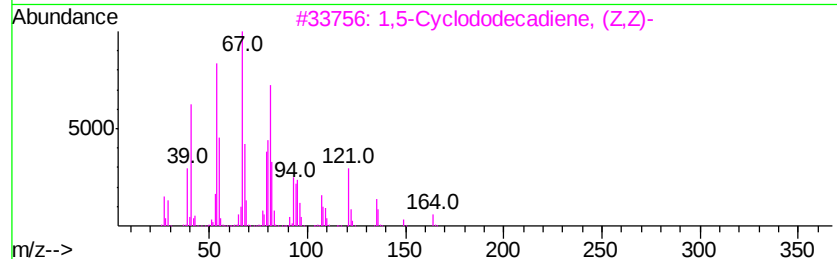
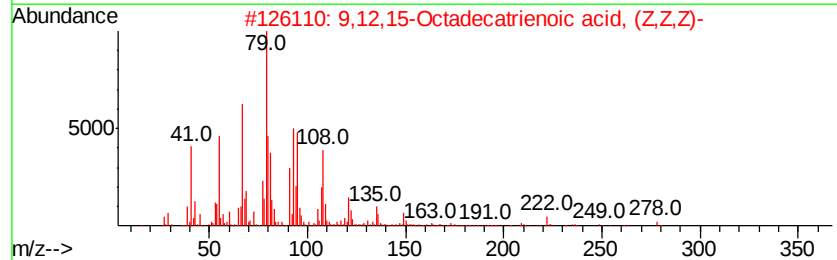
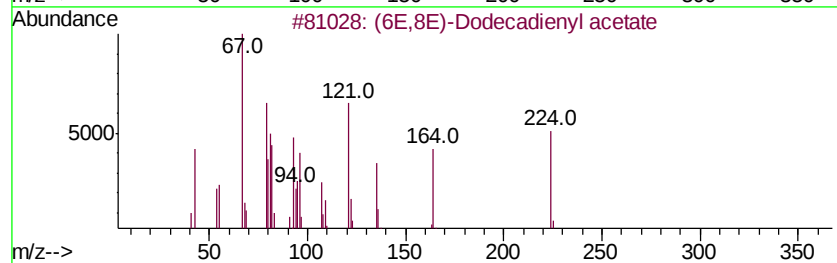
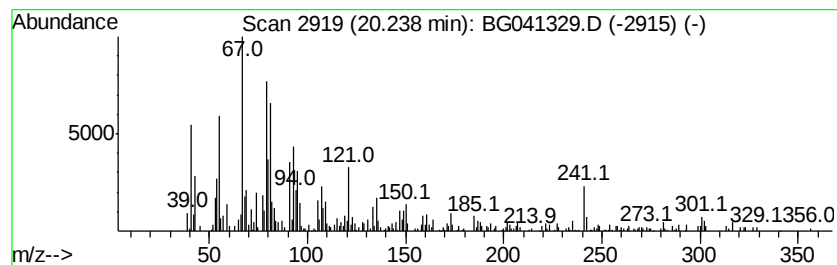
Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 17 (6E,8E)-Dodecadienyl acetate Concentration Rank 9

| R.T.    | EstConc | Area                                 | Relative to ISTD |          | R.T.        |      |
|---------|---------|--------------------------------------|------------------|----------|-------------|------|
| 20.24   | 6.08 ng | 221277                               | Chrysene-d12     |          | 21.74       |      |
| Hit# of | 5       | Tentative ID                         | MW               | MolForm  | CAS#        | Qual |
| 1       |         | (6E,8E)-Dodecadienyl acetate         | 224              | C14H24O2 | 072648-90-9 | 90   |
| 2       |         | 9,12,15-Octadecatrienoic acid, (...) | 278              | C18H30O2 | 000463-40-1 | 83   |
| 3       |         | 1,5-Cyclododecadiene, (Z,Z)-         | 164              | C12H20   | 031821-17-7 | 62   |
| 4       |         | Bicyclo[5.1.0]oct-3-ene              | 108              | C8H12    | 000659-84-7 | 58   |
| 5       |         | Gamolenic Acid                       | 278              | C18H30O2 | 000506-26-3 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

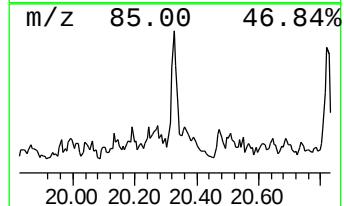
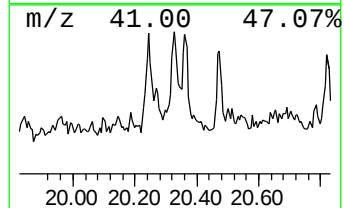
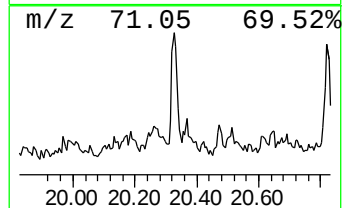
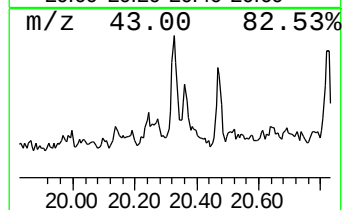
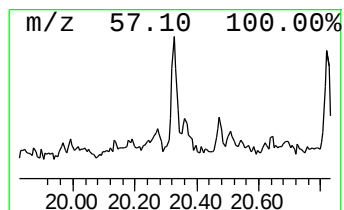
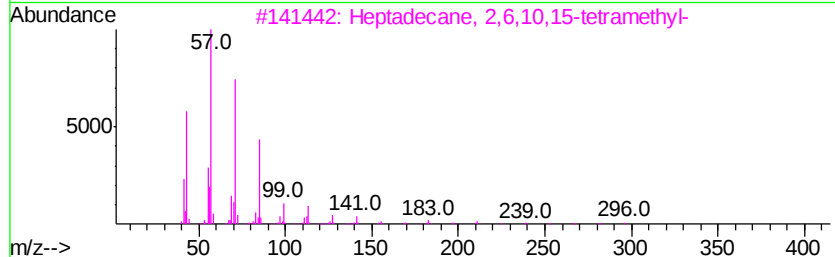
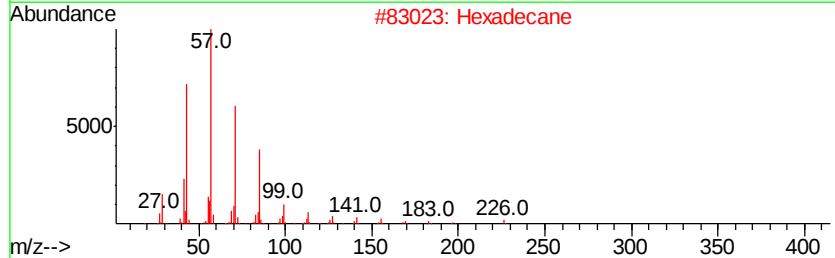
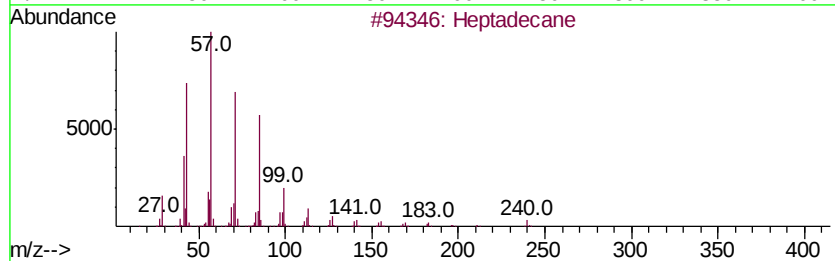
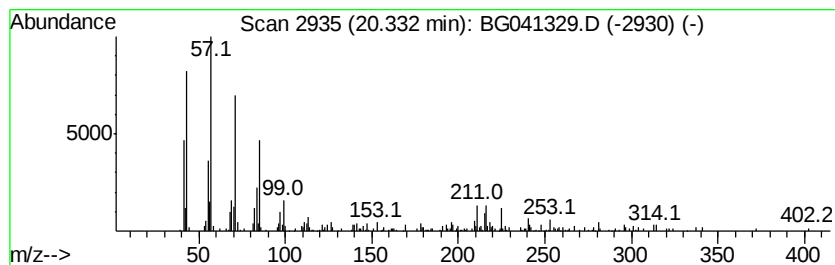
Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 20.33     | 4.84 ng                             | 176119 | Chrysene-d12     | 21.74       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Heptadecane                         | 240    | C17H36           | 000629-78-7 | 93   |
| 2         | Hexadecane                          | 226    | C16H34           | 000544-76-3 | 91   |
| 3         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6 | 91   |
| 4         | Pentadecane                         | 212    | C15H32           | 000629-62-9 | 91   |
| 5         | Heneicosane                         | 296    | C21H44           | 000629-94-7 | 89   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

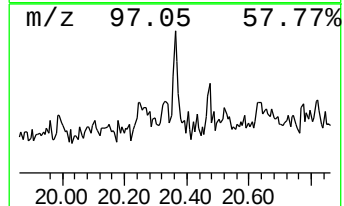
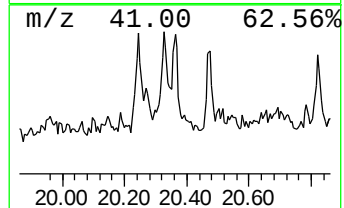
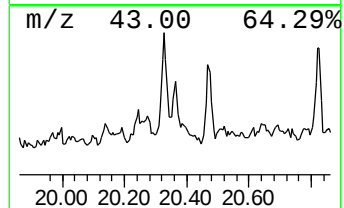
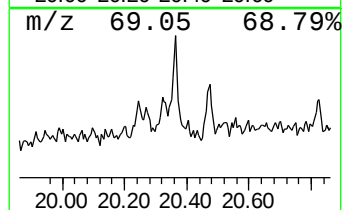
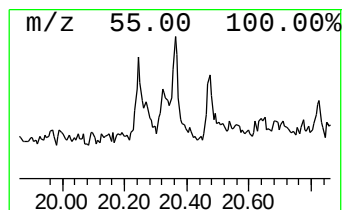
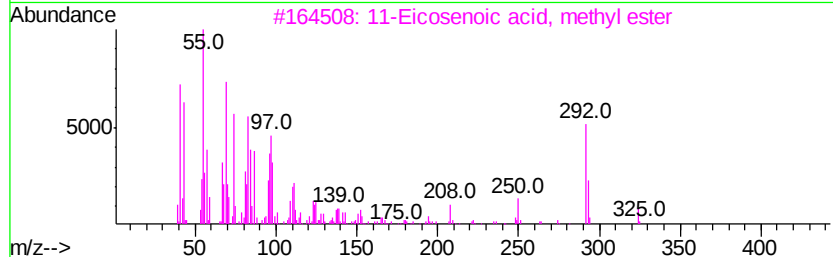
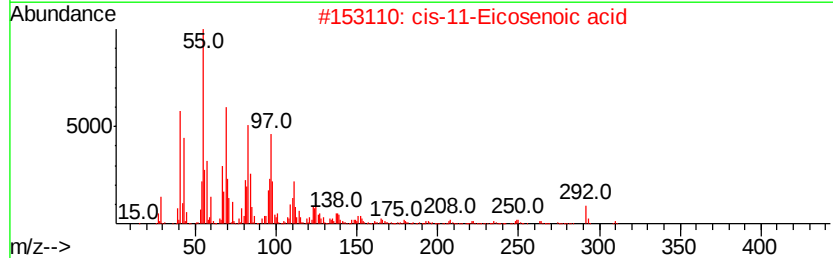
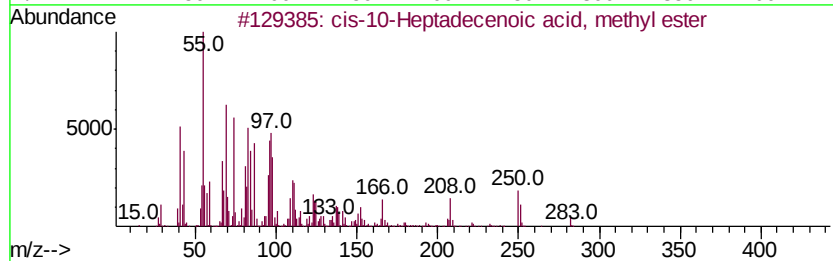
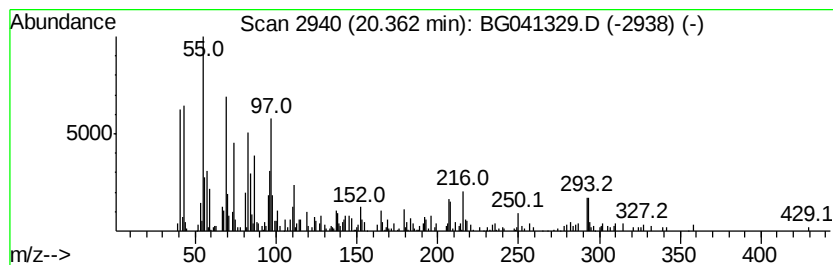
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 cis-10-Heptadecenoic acid, ... Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 20.36 | 4.16 ng | 151146 | Chrysene-d12     | 21.74 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | cis-10-Heptadecenoic acid, methy... | 282 | C18H34O2 | 1000333-62-1 | 70   |
| 2    |    |   | cis-11-Eicosenoic acid              | 310 | C20H38O2 | 005561-99-9  | 64   |
| 3    |    |   | 11-Eicosenoic acid, methyl ester    | 324 | C21H40O2 | 003946-08-5  | 60   |
| 4    |    |   | cis-10-Nonadecenoic acid, methyl... | 310 | C20H38O2 | 1000333-64-4 | 55   |
| 5    |    |   | cis-13-Eicosenoic acid, methyl e... | 324 | C21H40O2 | 1000333-52-1 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\  
Data File : BG041329.D  
Acq On : 19 Jun 2019 15:42  
Operator : HP/JU  
Sample : K3154-09 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

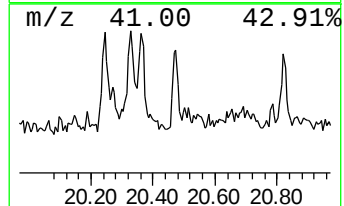
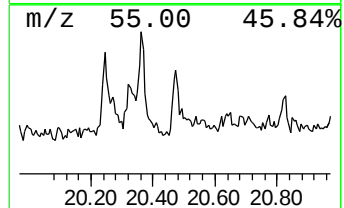
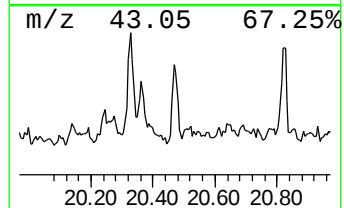
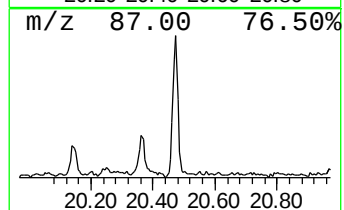
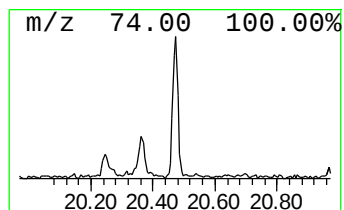
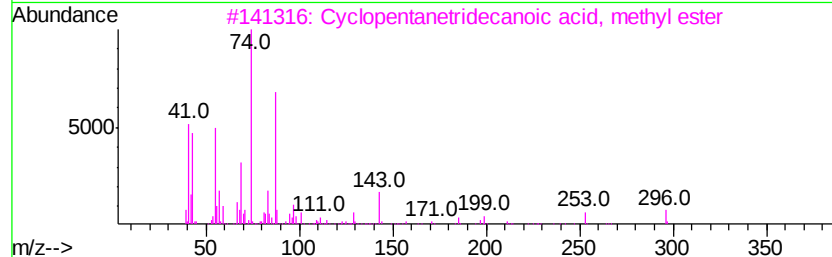
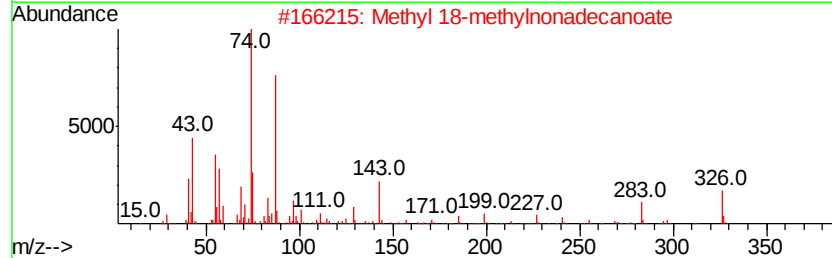
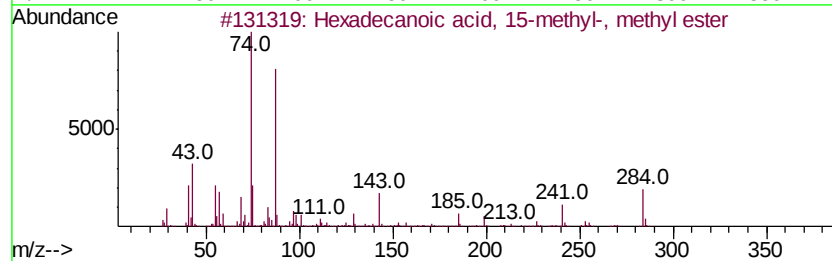
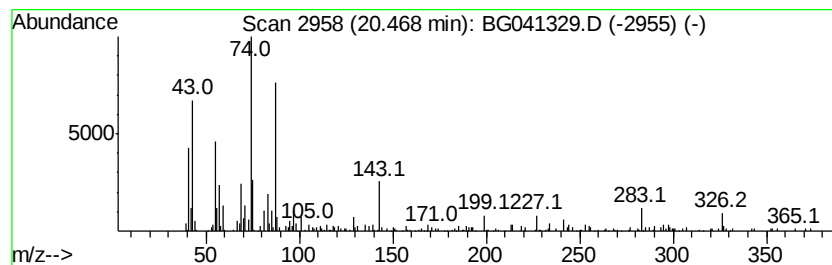
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 Hexadecanoic acid, 15-methy... Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 20.47 | 3.73 ng | 135509 | Chrysene-d12     | 21.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0  | 90   |
| 2    |    | Methyl 18-methylnonadecanoate       | 326 | C21H42O2 | 1000352-20-6 | 86   |
| 3    |    | Cyclopentanetridecanoic acid, me... | 296 | C19H36O2 | 024828-61-3  | 80   |
| 4    |    | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7  | 80   |
| 5    |    | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8  | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG061919\  
 Data File : BG041329.D  
 Acq On : 19 Jun 2019 15:42  
 Operator : HP/JU  
 Sample : K3154-09 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-061419-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061719.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 |
| unknown7.61          | 7.61  | 13.7    | ng    | 193440   | 1                     | 8.08  | 281666 | 20.0 |
| Tridecane            | 13.50 | 4.2     | ng    | 115192   | 3                     | 14.72 | 544472 | 20.0 |
| Pentadecane          | 14.57 | 4.3     | ng    | 117211   | 3                     | 14.72 | 544472 | 20.0 |
| Hexadecane           | 15.51 | 5.2     | ng    | 142704   | 3                     | 14.72 | 544472 | 20.0 |
| Heptadecane          | 16.37 | 7.3     | ng    | 250643   | 4                     | 17.46 | 683794 | 20.0 |
| Tetradecane          | 17.17 | 4.4     | ng    | 151251   | 4                     | 17.46 | 683794 | 20.0 |
| Nonadecane           | 17.91 | 4.3     | ng    | 147714   | 4                     | 17.46 | 683794 | 20.0 |
| Hexadecanoic acid... | 18.09 | 32.5    | ng    | 1109420  | 4                     | 17.46 | 683794 | 20.0 |
| n-Hexadecanoic acid  | 18.32 | 6.0     | ng    | 204588   | 4                     | 17.46 | 683794 | 20.0 |
| Eicosane             | 18.59 | 4.0     | ng    | 137879   | 4                     | 17.46 | 683794 | 20.0 |
| 9,12-Octadecadien... | 19.23 | 145.8   | ng    | 4985060  | 4                     | 17.46 | 683794 | 20.0 |
| 9-Octadecenoic ac... | 19.26 | 210.0   | ng    | 7179520  | 4                     | 17.46 | 683794 | 20.0 |
| Methyl stearate      | 19.39 | 19.1    | ng    | 654516   | 4                     | 17.46 | 683794 | 20.0 |
| 9,12-Octadecadien... | 19.45 | 8.0     | ng    | 274234   | 4                     | 17.46 | 683794 | 20.0 |
| 6,9-Octadecadieno... | 19.75 | 4.9     | ng    | 178956   | 5                     | 21.74 | 727350 | 20.0 |
| (6E,8E)-Dodecadie... | 20.24 | 6.1     | ng    | 221277   | 5                     | 21.74 | 727350 | 20.0 |
| Heptadecane, 2,6,... | 20.33 | 4.8     | ng    | 176119   | 5                     | 21.74 | 727350 | 20.0 |
| cis-10-Heptadecen... | 20.36 | 4.2     | ng    | 151146   | 5                     | 21.74 | 727350 | 20.0 |
| Hexadecanoic acid... | 20.47 | 3.7     | ng    | 135509   | 5                     | 21.74 | 727350 | 20.0 |