

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
 Data File : BM019116.D  
 Acq On : 12 Mar 2019 17:42  
 Operator : JU/SJ  
 Sample : K1817-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-027-SW010-2-030619

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\_M\METHODS\8270-BM031119.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         | 5.263       | 363           | 370         | 389          | rBV      | 3251296        | 4842768       | 45.79%          | 6.561%        |
| 2         | 6.845       | 631           | 639         | 658          | rBV      | 3300451        | 5520597       | 52.20%          | 7.479%        |
| 3         | 7.198       | 692           | 699         | 717          | rBV      | 3524153        | 5479269       | 51.81%          | 7.423%        |
| 4         | 7.663       | 771           | 778         | 788          | rBV      | 866521         | 1346743       | 12.73%          | 1.825%        |
| 5         | 7.981       | 824           | 832         | 846          | rBV      | 2271931        | 3683238       | 34.82%          | 4.990%        |
| 6         | 8.834       | 970           | 977         | 997          | rBV      | 1758562        | 3124739       | 29.54%          | 4.233%        |
| 7         | 10.451      | 1244          | 1252        | 1274         | rBV      | 1058167        | 1936064       | 18.31%          | 2.623%        |
| 8         | 12.927      | 1666          | 1673        | 1694         | rBV      | 4749840        | 7073986       | 66.88%          | 9.584%        |
| 9         | 13.786      | 1813          | 1819        | 1831         | rBV      | 304418         | 490207        | 4.63%           | 0.664%        |
| 10        | 14.315      | 1902          | 1909        | 1929         | rBV2     | 1848567        | 2858913       | 27.03%          | 3.873%        |
| 11        | 15.815      | 2155          | 2164        | 2182         | rBV      | 4523086        | 6453569       | 61.02%          | 8.743%        |
| 12        | 17.068      | 2371          | 2377        | 2383         | rBV2     | 2318355        | 3496410       | 33.06%          | 4.737%        |
| 13        | 17.962      | 2523          | 2529        | 2543         | rBV      | 334753         | 649275        | 6.14%           | 0.880%        |
| 14        | 19.245      | 2743          | 2747        | 2761         | rBV      | 133087         | 283559        | 2.68%           | 0.384%        |
| 15        | 19.709      | 2820          | 2826        | 2840         | rBV      | 8478292        | 10576590      | 100.00%         | 14.329%       |
| 16        | 20.968      | 3036          | 3040        | 3050         | rBV      | 661789         | 840901        | 7.95%           | 1.139%        |
| 17        | 21.268      | 3086          | 3091        | 3106         | rBV      | 3328342        | 4160187       | 39.33%          | 5.636%        |
| 18        | 21.403      | 3110          | 3114        | 3123         | rBV      | 442464         | 516388        | 4.88%           | 0.700%        |
| 19        | 21.833      | 3183          | 3187        | 3195         | rBV      | 729623         | 1042566       | 9.86%           | 1.412%        |
| 20        | 22.297      | 3261          | 3266        | 3274         | rBV      | 996110         | 1269690       | 12.00%          | 1.720%        |
| 21        | 22.797      | 3346          | 3351        | 3356         | rBV      | 1033573        | 1420854       | 13.43%          | 1.925%        |
| 22        | 23.362      | 3442          | 3447        | 3453         | rVB      | 879180         | 1348550       | 12.75%          | 1.827%        |
| 23        | 23.509      | 3465          | 3472        | 3486         | rVB      | 1923425        | 3693190       | 34.92%          | 5.003%        |
| 24        | 24.003      | 3551          | 3556        | 3565         | rVB      | 596697         | 1130888       | 10.69%          | 1.532%        |
| 25        | 24.744      | 3677          | 3682        | 3690         | rVB      | 280069         | 574945        | 5.44%           | 0.779%        |

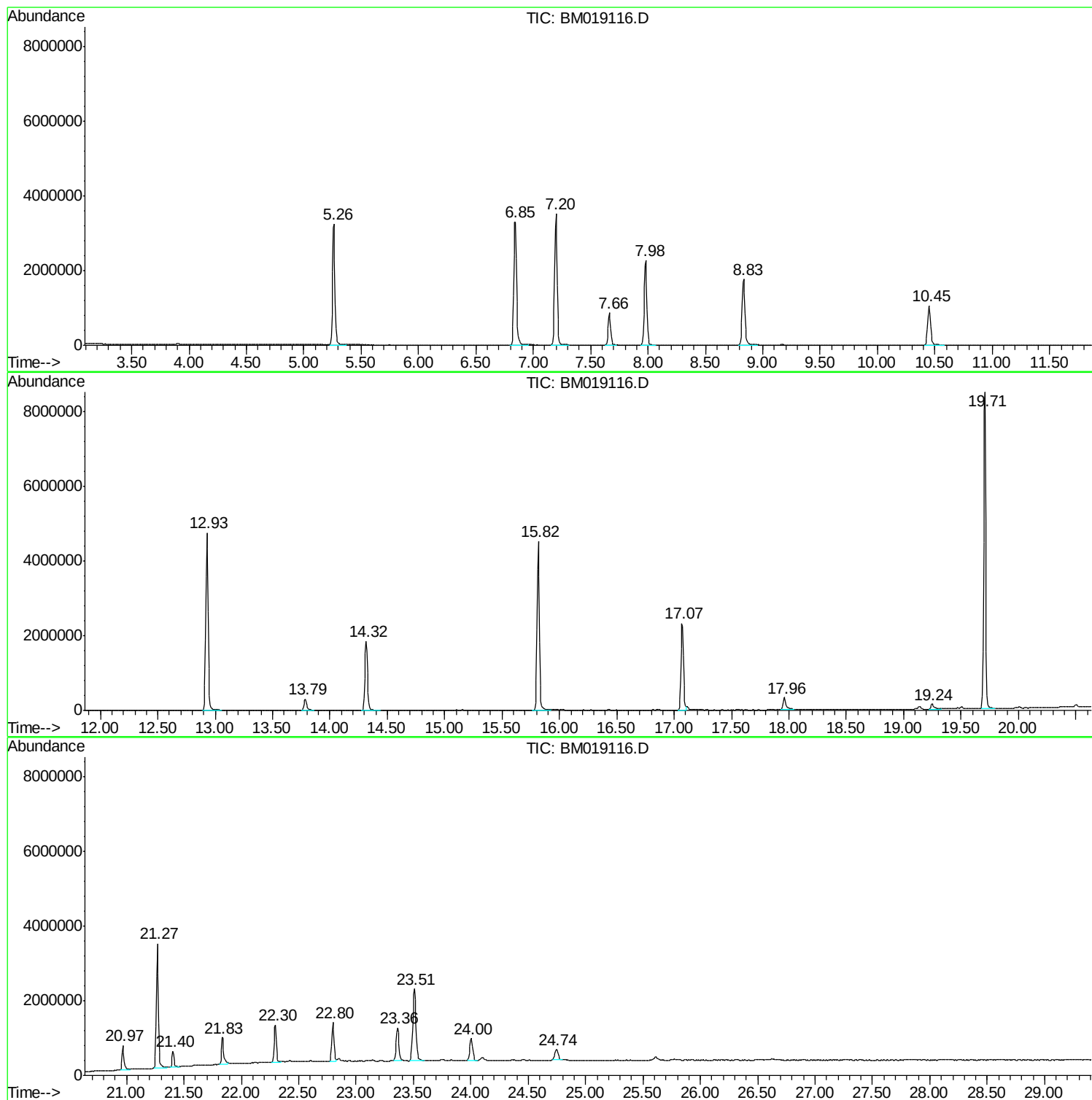
Sum of corrected areas: 73814086

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

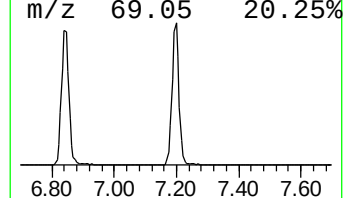
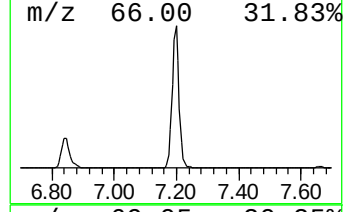
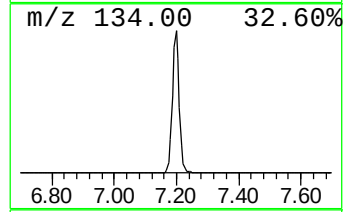
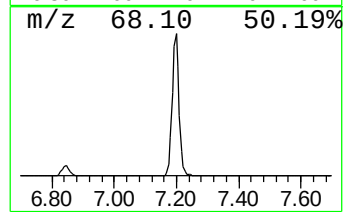
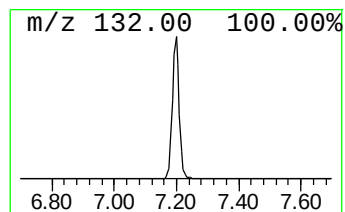
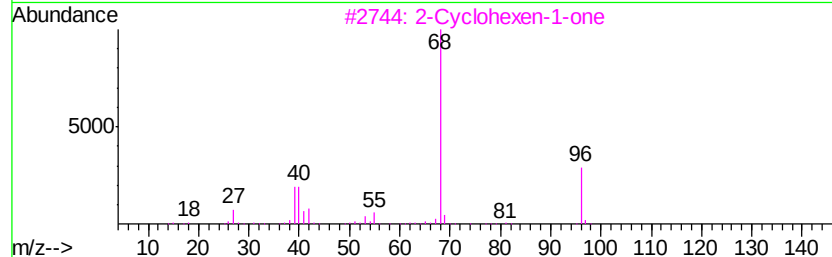
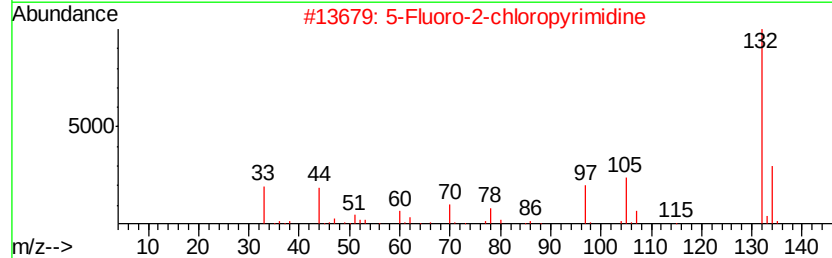
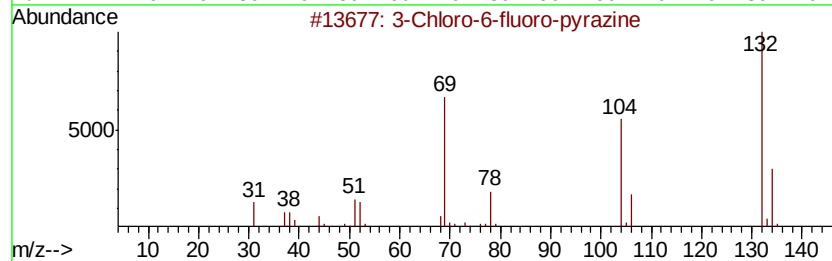
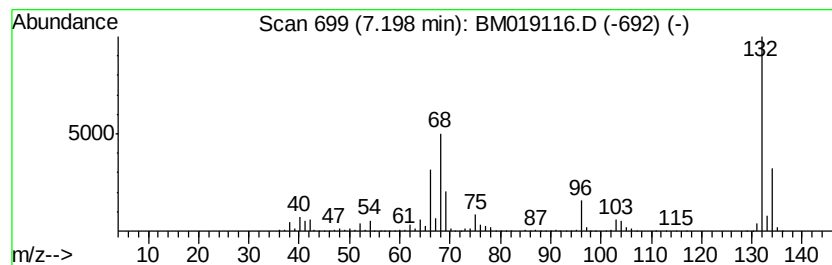
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 unknown7.20 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.20 | 81.37 ng | 5479270 | 1,4-Dichlorobenzene-d4 | 7.66 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | 2-Cyclohexen-1-one               | 96  | C6H8O     | 000930-68-7  | 11   |
| 4    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 5    |    | Bicyclo[3.1.0]hexan-3-one        | 96  | C6H8O     | 001755-04-0  | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

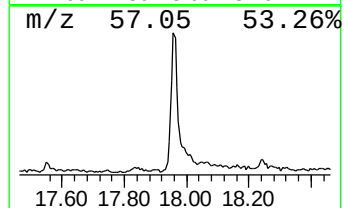
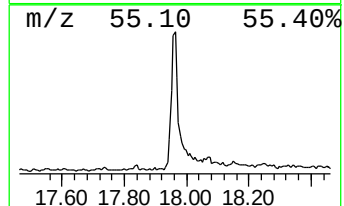
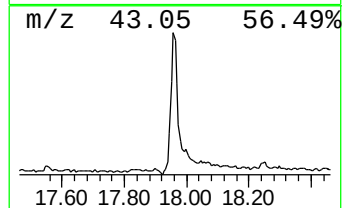
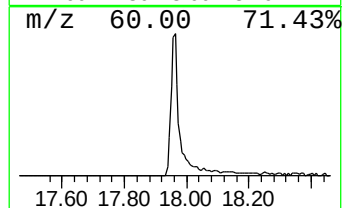
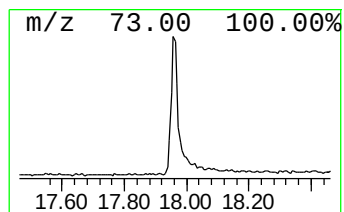
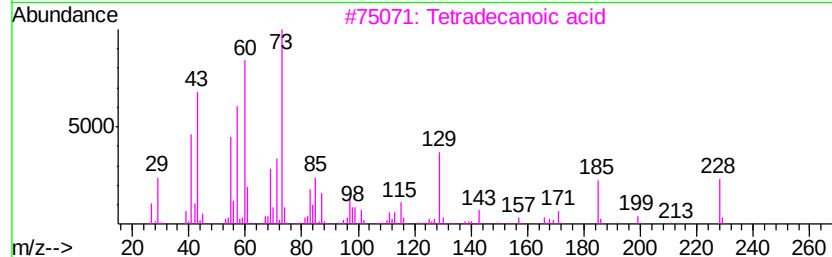
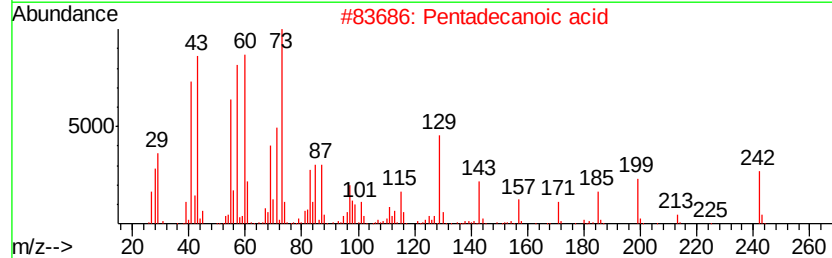
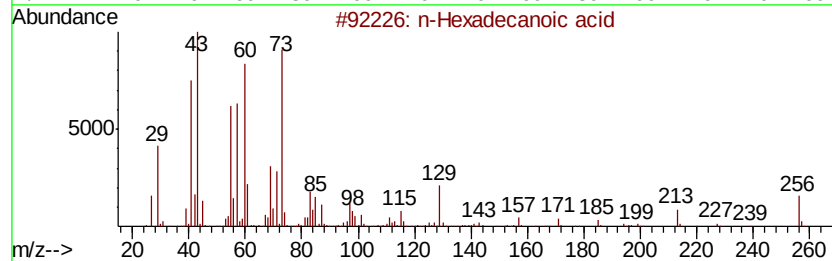
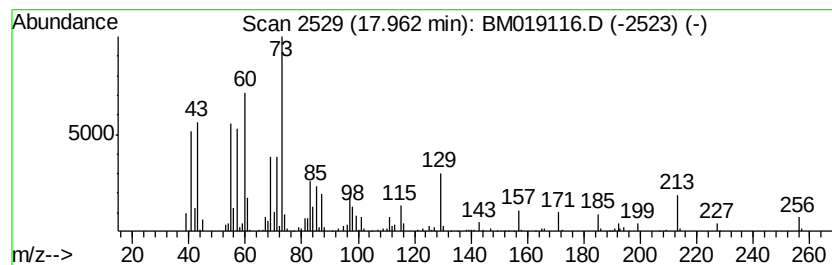
Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

| R.T.      | EstConc             | Area   | Relative to ISTD |             | R.T.  |
|-----------|---------------------|--------|------------------|-------------|-------|
| 17.96     | 3.71 ng             | 649275 | Phenanthrene-d10 |             | 17.07 |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual  |
| 1         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 98    |
| 2         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 74    |
| 3         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 53    |
| 4         | Tetradecane         | 198    | C14H30           | 000629-59-4 | 18    |
| 5         | Tridecane           | 184    | C13H28           | 000629-50-5 | 18    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

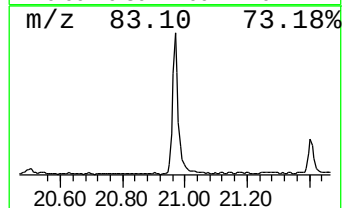
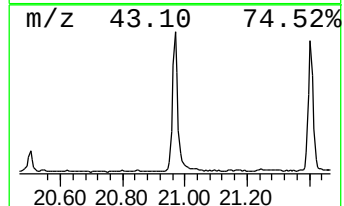
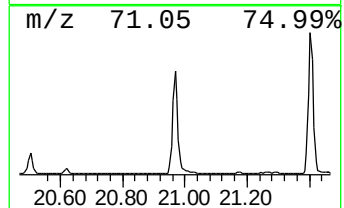
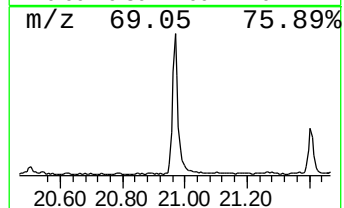
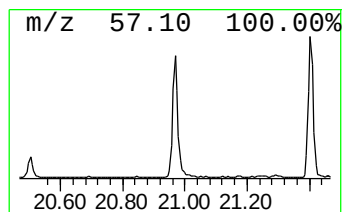
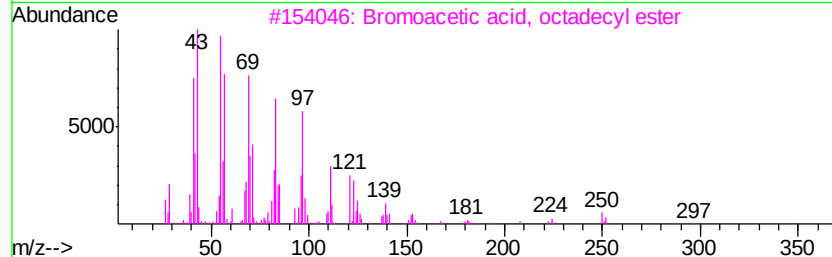
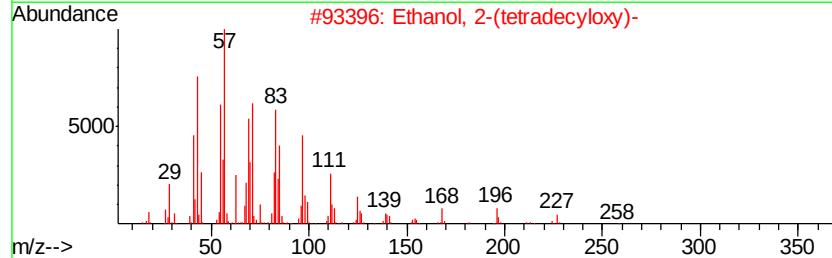
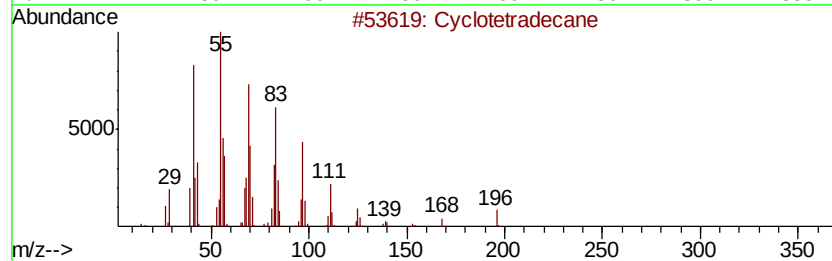
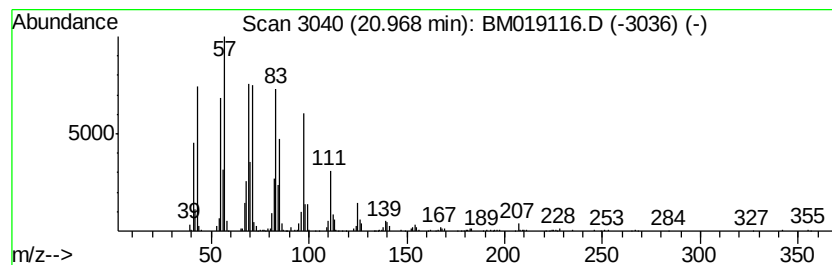
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 20.97 | 4.04 ng | 840901 | Chrysene-d12     | 21.27 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | Cyclotetradecane                    | 196 | C14H28      | 000295-17-0 | 91   |
| 2    |    | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2    | 002136-70-1 | 81   |
| 3    |    | Bromoacetic acid, octadecyl ester   | 390 | C20H39BrO2  | 018992-03-5 | 74   |
| 4    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 72   |
| 5    |    | 1-Pentadecanol                      | 228 | C15H32O     | 000629-76-5 | 70   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

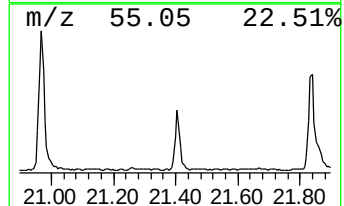
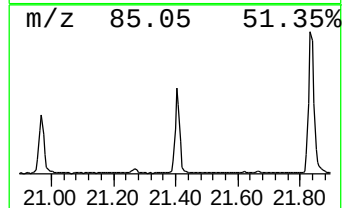
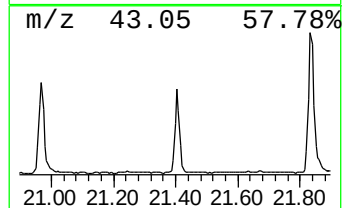
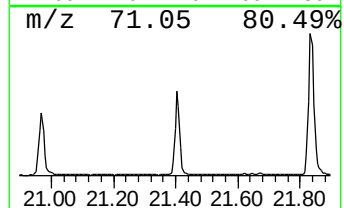
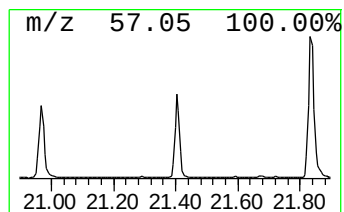
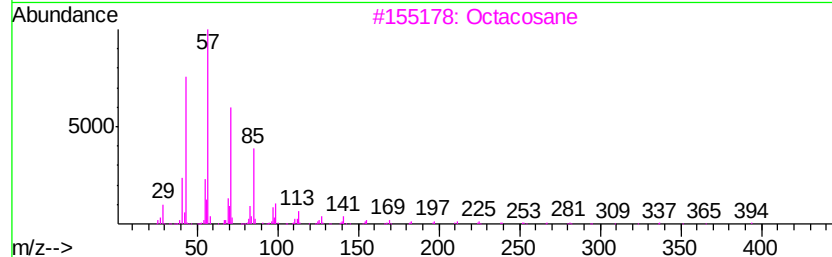
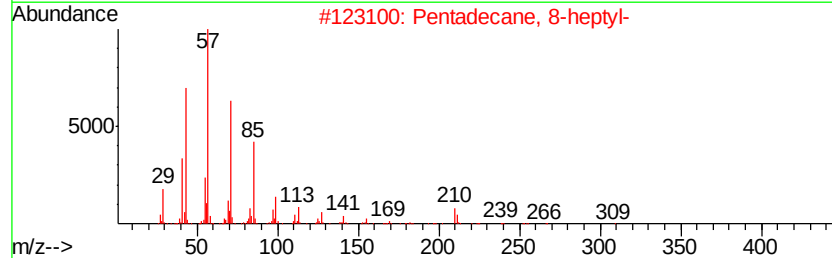
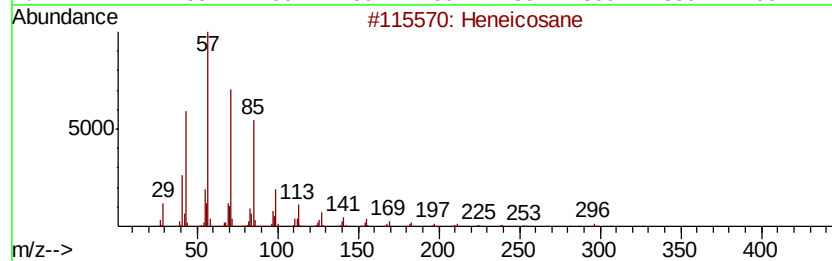
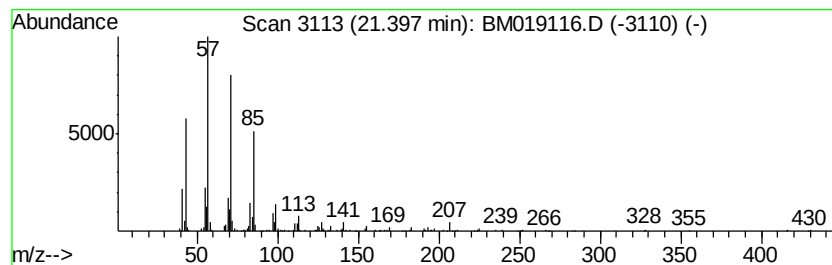
Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.    | EstConc                          | Area         | Relative to ISTD | R.T.      |
|---------|----------------------------------|--------------|------------------|-----------|
| 21.40   | 2.48 ng                          | 516388       | Chrysene-d12     | 21.27     |
| Hit# of | 5                                | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heneicosane                      | 296 C21H44   | 000629-94-7      | 91        |
| 2       | Pentadecane, 8-heptyl-           | 310 C22H46   | 071005-15-7      | 91        |
| 3       | Octacosane                       | 394 C28H58   | 000630-02-4      | 90        |
| 4       | Heneicosane, 11-(1-ethylpropyl)- | 366 C26H54   | 055282-11-6      | 90        |
| 5       | Heptacosane                      | 380 C27H56   | 000593-49-7      | 90        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

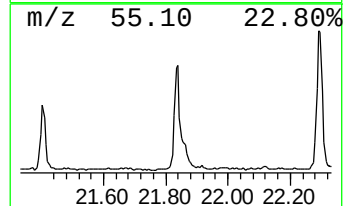
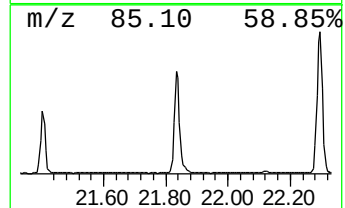
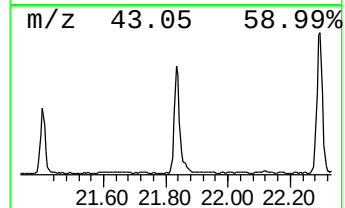
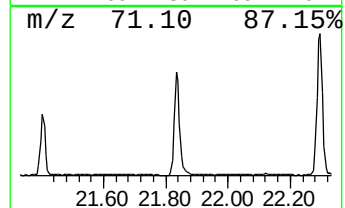
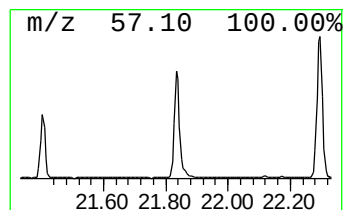
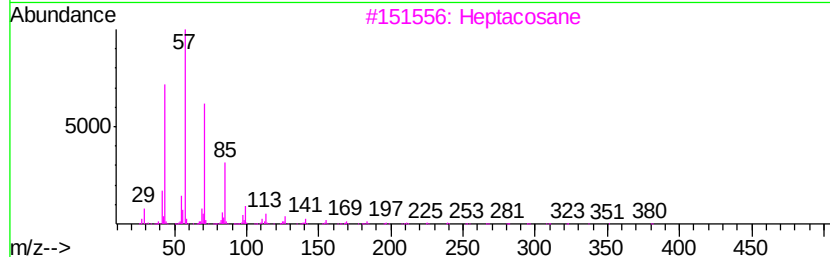
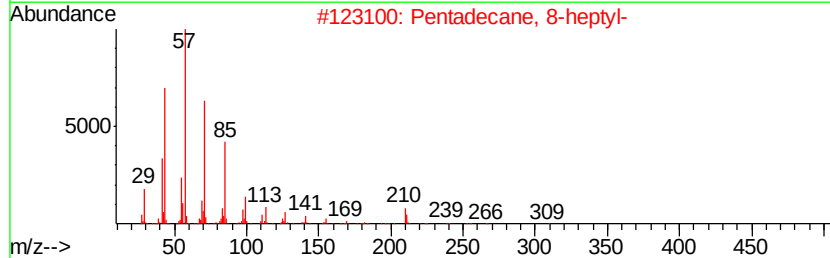
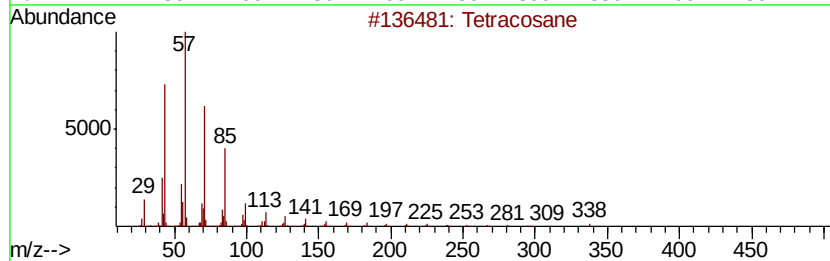
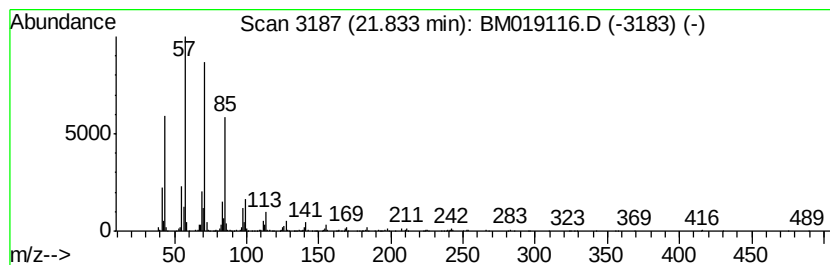
Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Pentadecane, 8-heptyl- Concentration Rank 7

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 21.83     | 5.01 ng                             | 1042570 | Chrysene-d12     | 21.27        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Tetracosane                         | 338     | C24H50           | 000646-31-1  | 91   |
| 2         | Pentadecane, 8-heptyl-              | 310     | C22H46           | 071005-15-7  | 90   |
| 3         | Heptacosane                         | 380     | C27H56           | 000593-49-7  | 87   |
| 4         | Heptadecane, 2,6,10,15-tetramethyl- | 296     | C21H44           | 054833-48-6  | 87   |
| 5         | 2-Thiopheneacetic acid, 4-tetrad... | 338     | C20H34O2S        | 1000280-67-0 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

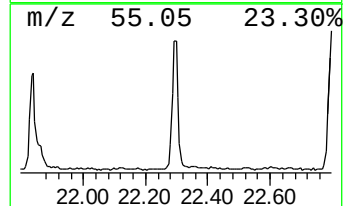
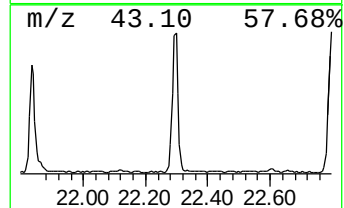
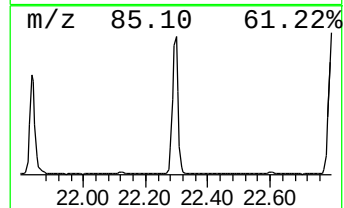
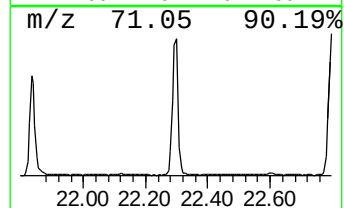
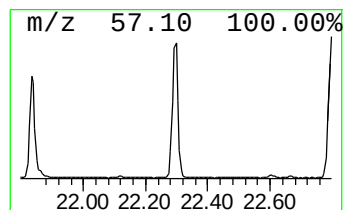
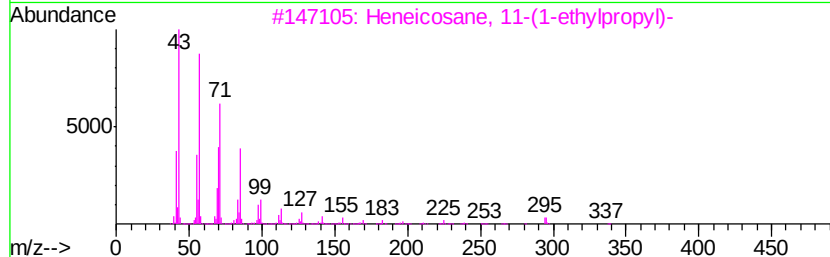
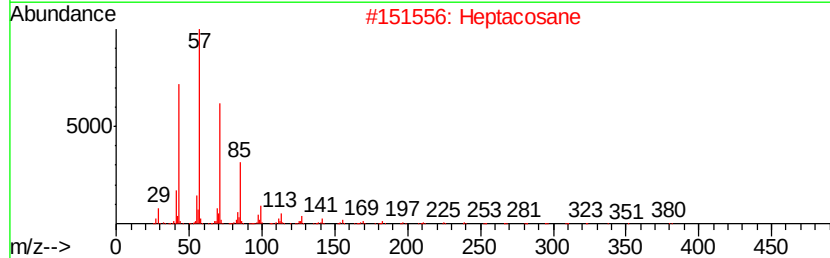
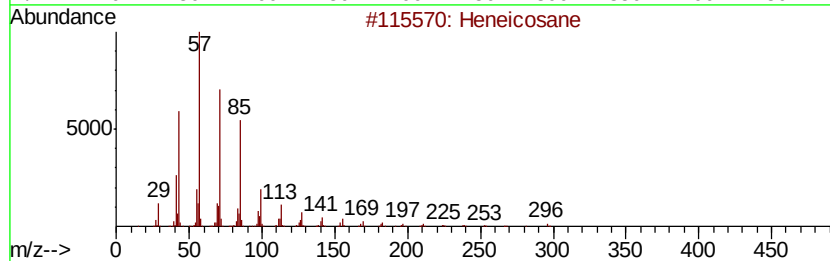
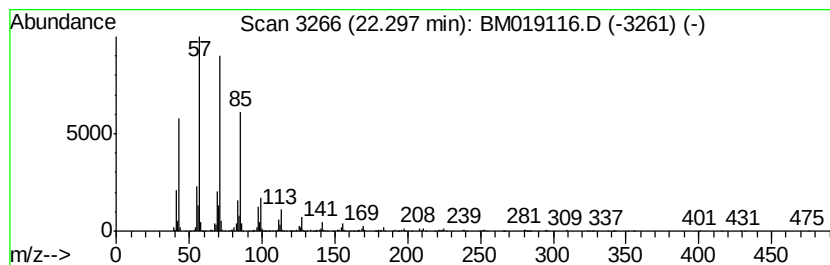
Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Heptacosane Concentration Rank 6

| R.T.      | EstConc                          | Area    | Relative to ISTD | R.T.        |      |
|-----------|----------------------------------|---------|------------------|-------------|------|
| 22.30     | 6.10 ng                          | 1269690 | Chrysene-d12     | 21.27       |      |
| Hit# of 5 | Tentative ID                     | MW      | MolForm          | CAS#        | Qual |
| 1         | Heneicosane                      | 296     | C21H44           | 000629-94-7 | 91   |
| 2         | Heptacosane                      | 380     | C27H56           | 000593-49-7 | 91   |
| 3         | Heneicosane, 11-(1-ethylpropyl)- | 366     | C26H54           | 055282-11-6 | 91   |
| 4         | Tetracosane                      | 338     | C24H50           | 000646-31-1 | 91   |
| 5         | Pentadecane, 8-heptyl-           | 310     | C22H46           | 071005-15-7 | 90   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

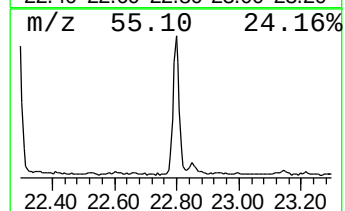
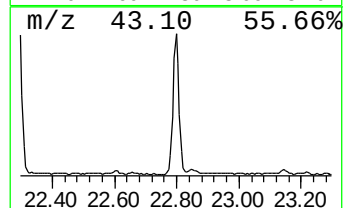
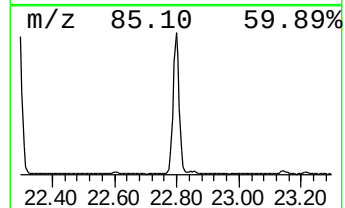
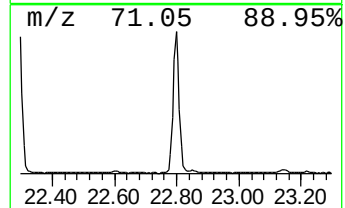
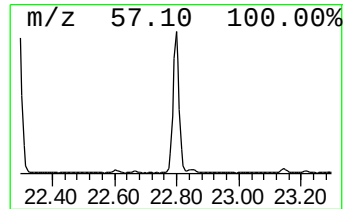
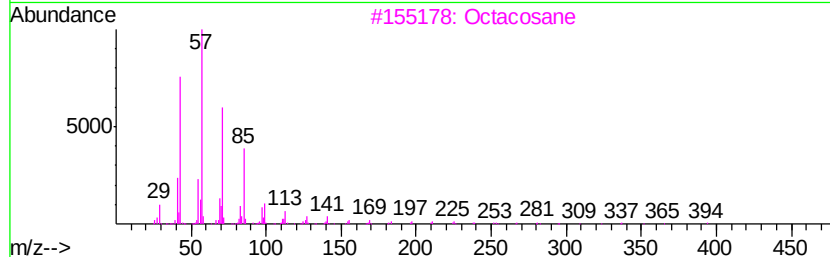
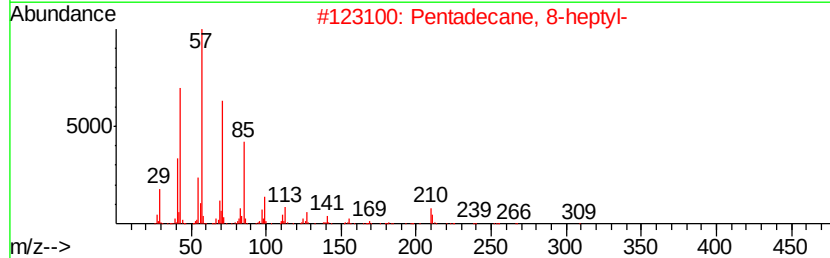
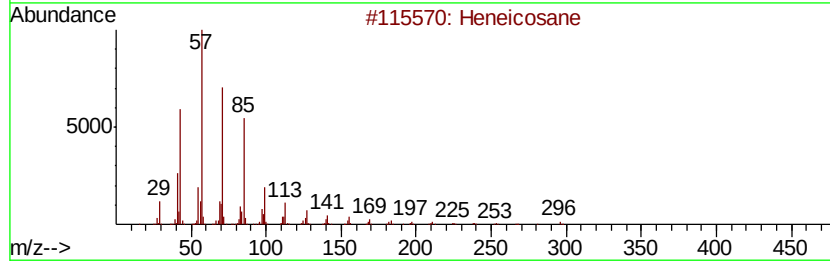
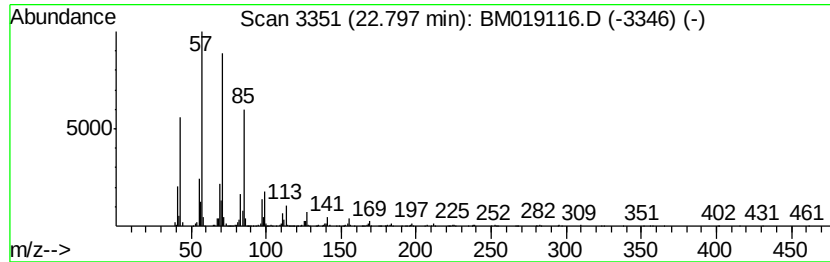
Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Octacosane Concentration Rank 3

| R.T.    | EstConc                | Area         | Relative to ISTD | R.T.      |
|---------|------------------------|--------------|------------------|-----------|
| 22.80   | 7.69 ng                | 1420850      | Perylene-d12     | 23.51     |
| Hit# of | 5                      | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heneicosane            | 296 C21H44   | 000629-94-7      | 91        |
| 2       | Pentadecane, 8-heptyl- | 310 C22H46   | 071005-15-7      | 91        |
| 3       | Octacosane             | 394 C28H58   | 000630-02-4      | 91        |
| 4       | Heptacosane            | 380 C27H56   | 000593-49-7      | 90        |
| 5       | Heptadecane, 9-octyl-  | 352 C25H52   | 007225-64-1      | 90        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

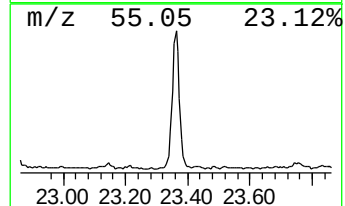
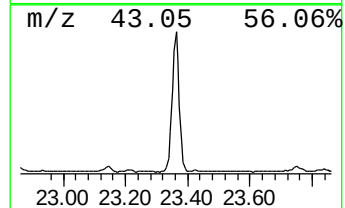
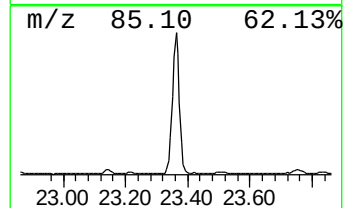
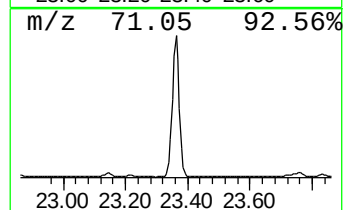
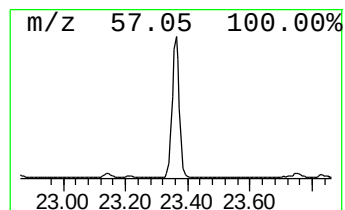
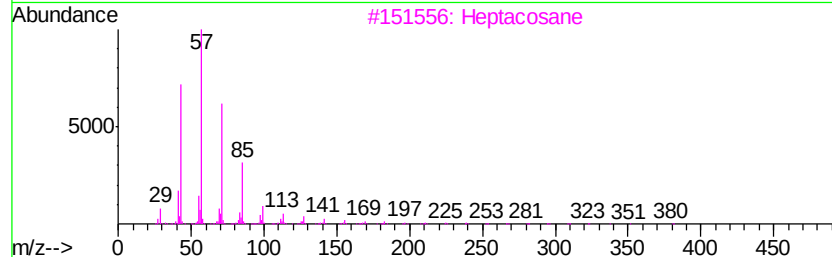
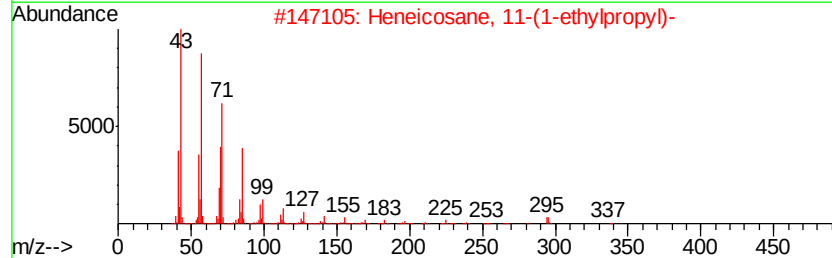
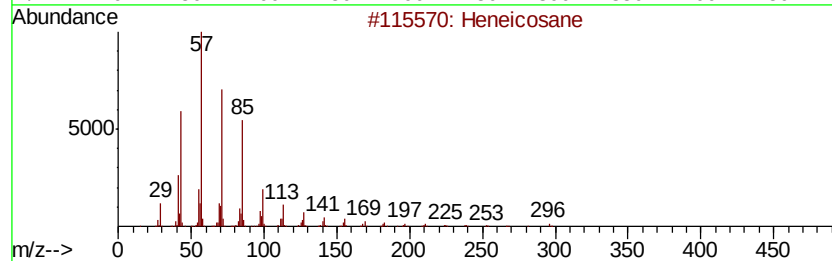
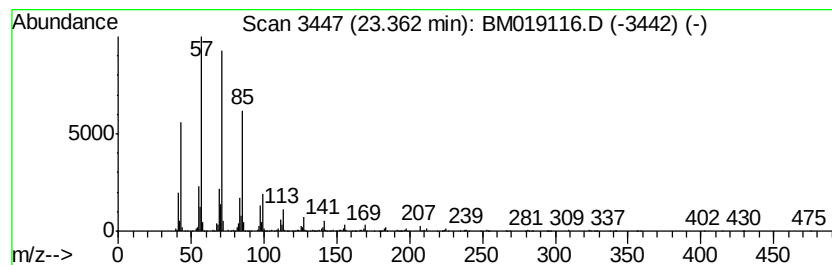
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Heneicosane, 11-(1-ethylpro... Concentration Rank 4

| R.T.  | EstConc | Area    | Relative to ISTD | R.T.  |
|-------|---------|---------|------------------|-------|
| 23.36 | 7.30 ng | 1348550 | Perylene-d12     | 23.51 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 90   |
| 3    |    | Heptacosane                      | 380 | C27H56  | 000593-49-7 | 87   |
| 4    |    | Octadecane                       | 254 | C18H38  | 000593-45-3 | 87   |
| 5    |    | Tridecane, 6-propyl-             | 226 | C16H34  | 055045-10-8 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

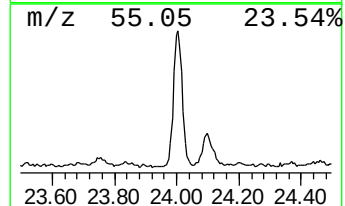
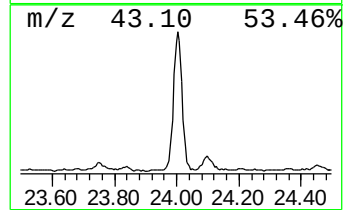
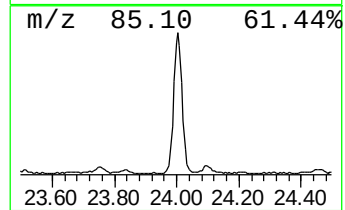
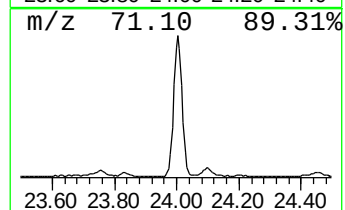
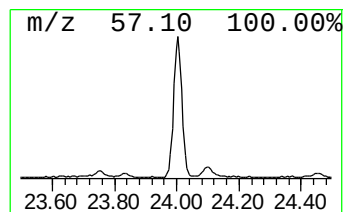
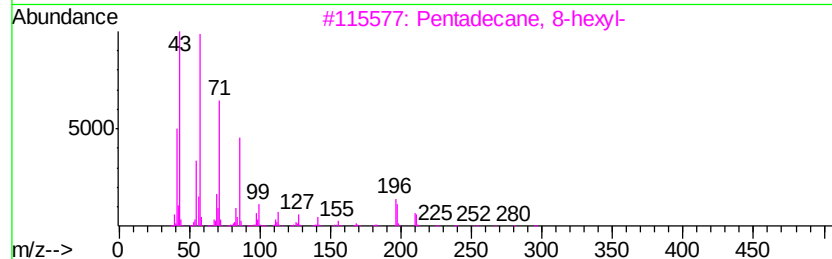
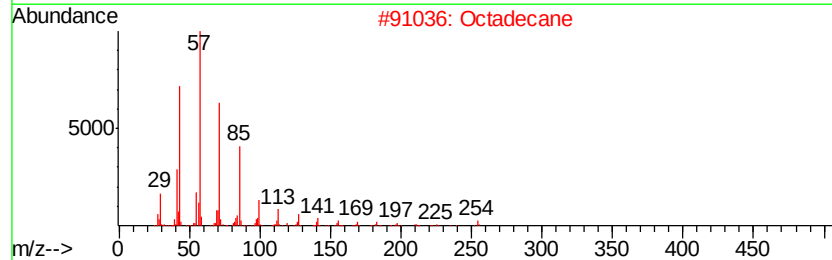
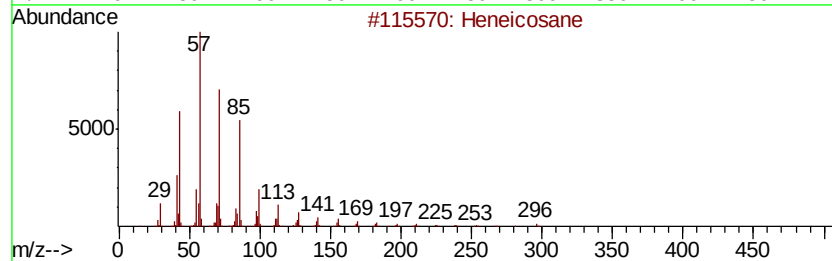
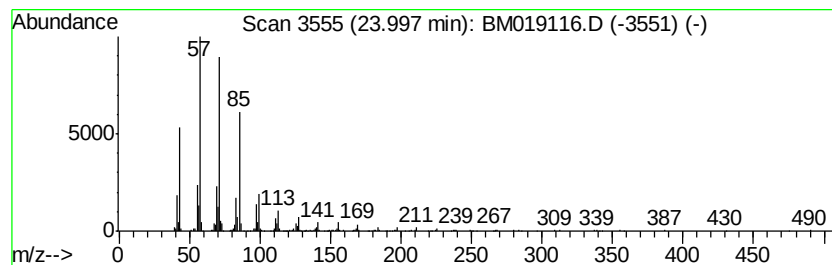
Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 5

| R.T.      | EstConc                | Area    | Relative to ISTD |             | R.T.  |
|-----------|------------------------|---------|------------------|-------------|-------|
| 24.00     | 6.12 ng                | 1130890 | Perylene-d12     |             | 23.51 |
| Hit# of 5 | Tentative ID           | MW      | MolForm          | CAS#        | Qual  |
| 1         | Heneicosane            | 296     | C21H44           | 000629-94-7 | 91    |
| 2         | Octadecane             | 254     | C18H38           | 000593-45-3 | 90    |
| 3         | Pentadecane, 8-hexyl-  | 296     | C21H44           | 013475-75-7 | 90    |
| 4         | Pentadecane, 8-heptyl- | 310     | C22H46           | 071005-15-7 | 90    |
| 5         | Tetracosane, 11-decyl- | 479     | C34H70           | 055429-84-0 | 90    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

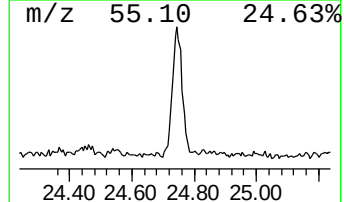
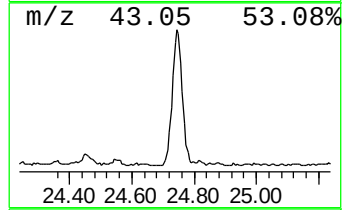
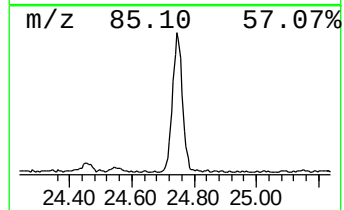
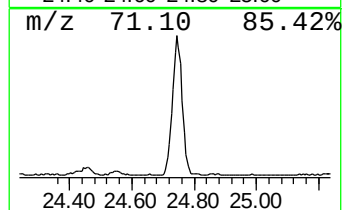
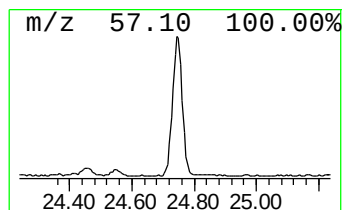
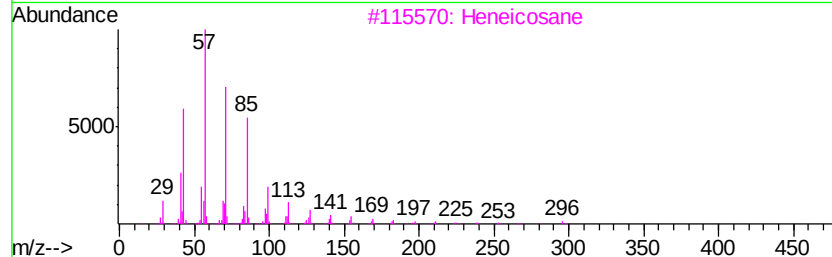
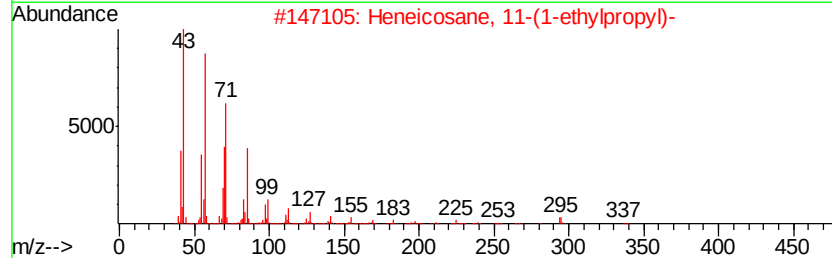
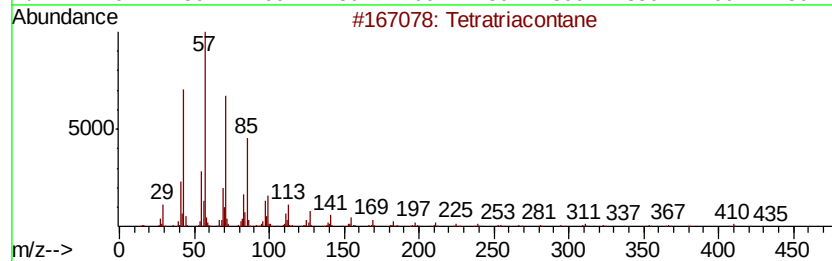
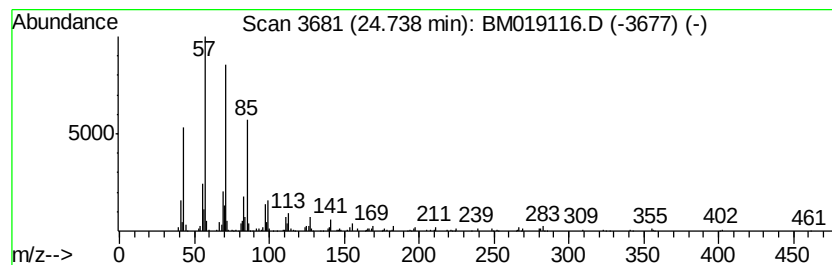
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Tetratriacontane Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 24.74 | 3.11 ng | 574945 | Perylene-d12     | 23.51 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Tetratriacontane                 | 479 | C34H70  | 014167-59-0 | 91   |
| 2    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 91   |
| 3    |    | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 87   |
| 4    |    | Heptacosane                      | 380 | C27H56  | 000593-49-7 | 86   |
| 5    |    | Tetratetracontane                | 619 | C44H90  | 007098-22-8 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM031219\  
Data File : BM019116.D  
Acq On : 12 Mar 2019 17:42  
Operator : JU/SJ  
Sample : K1817-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-SW010-2-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown7.20          | 7.20  | 81.4    | ng    | 5479270  | 1                     | 7.66  | 1346740 | 20.0 |
| n-Hexadecanoic acid  | 17.96 | 3.7     | ng    | 649275   | 4                     | 17.07 | 3496410 | 20.0 |
| Cyclotetradecane     | 20.97 | 4.0     | ng    | 840901   | 5                     | 21.27 | 4160190 | 20.0 |
| Heneicosane          | 21.40 | 2.5     | ng    | 516388   | 5                     | 21.27 | 4160190 | 20.0 |
| Pentadecane, 8-he... | 21.83 | 5.0     | ng    | 1042570  | 5                     | 21.27 | 4160190 | 20.0 |
| Heptacosane          | 22.30 | 6.1     | ng    | 1269690  | 5                     | 21.27 | 4160190 | 20.0 |
| Octacosane           | 22.80 | 7.7     | ng    | 1420850  | 6                     | 23.51 | 3693190 | 20.0 |
| Heneicosane, 11-(... | 23.36 | 7.3     | ng    | 1348550  | 6                     | 23.51 | 3693190 | 20.0 |
| Pentadecane, 8-he... | 24.00 | 6.1     | ng    | 1130890  | 6                     | 23.51 | 3693190 | 20.0 |
| Tetratriacontane     | 24.74 | 3.1     | ng    | 574945   | 6                     | 23.51 | 3693190 | 20.0 |