

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111120\  
 Data File : BG047274.D  
 Acq On : 10 Nov 2020 18:23  
 Operator : CG/JU  
 Sample : L4670-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-7-MW-3

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-BG110420.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047274.D\data.ms

| 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         | 5.564       | 371           | 379         | 391          | rBV      | 430626         | 684123        | 14.92%          | 3.639%        |
| 2         | 7.163       | 644           | 651         | 664          | rBV      | 251453         | 456367        | 9.95%           | 2.428%        |
| 3         | 8.009       | 788           | 795         | 801          | rBV      | 214220         | 364785        | 7.95%           | 1.940%        |
| 4         | 9.172       | 983           | 993         | 1001         | rBV      | 745103         | 1330134       | 29.00%          | 7.076%        |
| 5         | 10.817      | 1265          | 1273        | 1279         | rBV      | 288096         | 521489        | 11.37%          | 2.774%        |
| 6         | 13.267      | 1682          | 1690        | 1702         | rBV      | 2035999        | 3142802       | 68.53%          | 16.718%       |
| 7         | 14.084      | 1824          | 1829        | 1835         | rBV      | 122740         | 182845        | 3.99%           | 0.973%        |
| 8         | 14.642      | 1917          | 1924        | 1931         | rBV2     | 512783         | 775215        | 16.90%          | 4.124%        |
| 9         | 16.128      | 2170          | 2177        | 2187         | rBV      | 1769589        | 2696180       | 58.79%          | 14.342%       |
| 10        | 16.358      | 2211          | 2216        | 2226         | rBV4     | 33383          | 64939         | 1.42%           | 0.345%        |
| 11        | 17.386      | 2385          | 2391        | 2397         | rBV      | 643400         | 931483        | 20.31%          | 4.955%        |
| 12        | 18.267      | 2537          | 2541        | 2550         | rBV      | 176947         | 269856        | 5.88%           | 1.435%        |
| 13        | 19.536      | 2753          | 2757        | 2763         | rBV3     | 67768          | 103789        | 2.26%           | 0.552%        |
| 14        | 19.801      | 2798          | 2802        | 2808         | rVB      | 48273          | 65661         | 1.43%           | 0.349%        |
| 15        | 19.995      | 2829          | 2835        | 2841         | rBV      | 3538039        | 4586330       | 100.00%         | 24.397%       |
| 16        | 21.293      | 3052          | 3056        | 3073         | rBV2     | 171108         | 398098        | 8.68%           | 2.118%        |
| 17        | 21.646      | 3110          | 3116        | 3124         | rVB2     | 615991         | 994972        | 21.69%          | 5.293%        |
| 18        | 21.828      | 3144          | 3147        | 3153         | rBV2     | 33825          | 45872         | 1.00%           | 0.244%        |
| 19        | 23.120      | 3362          | 3367        | 3372         | rVB4     | 36429          | 66771         | 1.46%           | 0.355%        |
| 20        | 23.913      | 3496          | 3502        | 3510         | rBV5     | 28965          | 77454         | 1.69%           | 0.412%        |
| 21        | 24.842      | 3650          | 3660        | 3669         | rBV      | 388924         | 1039903       | 22.67%          | 5.532%        |

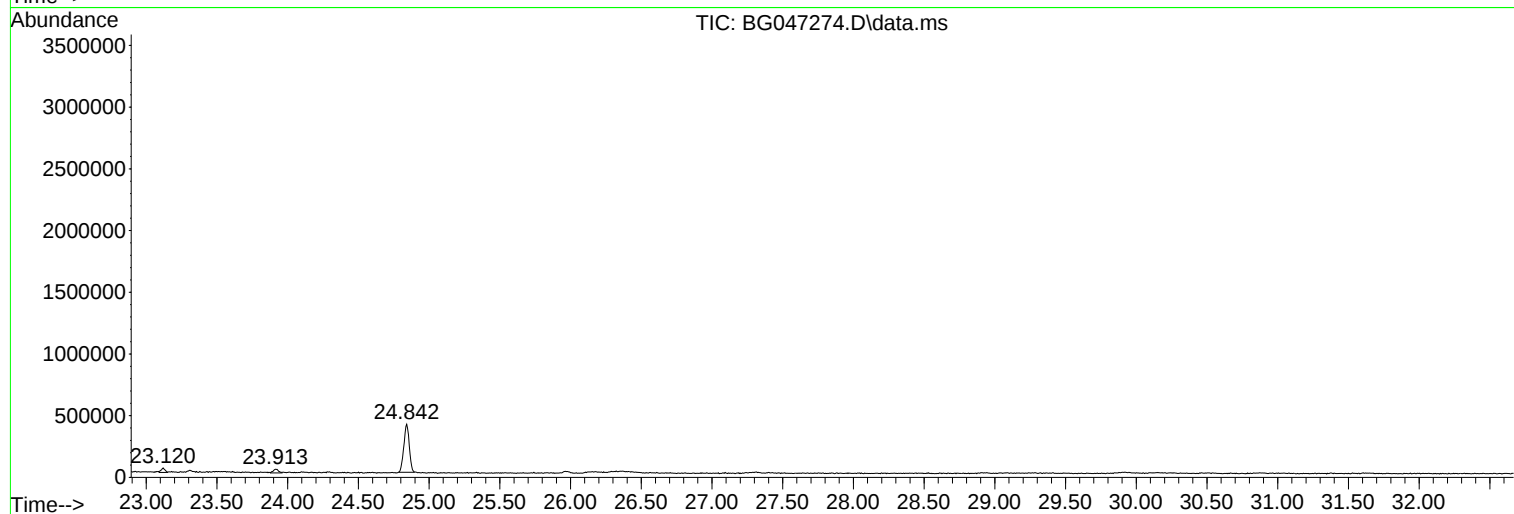
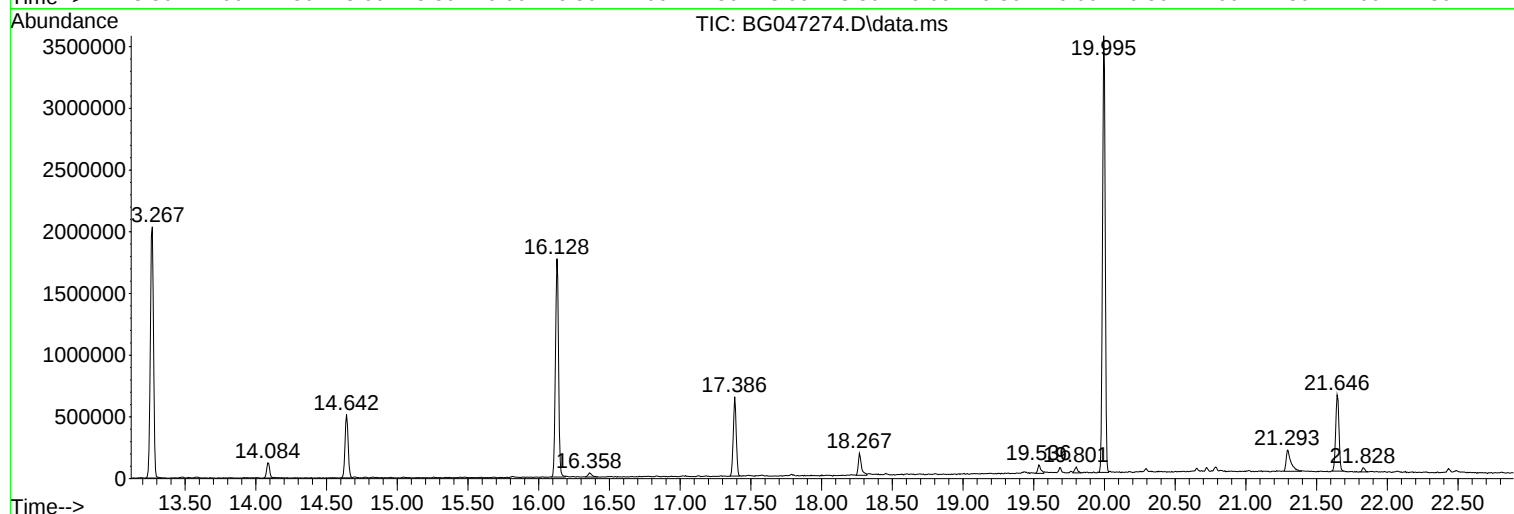
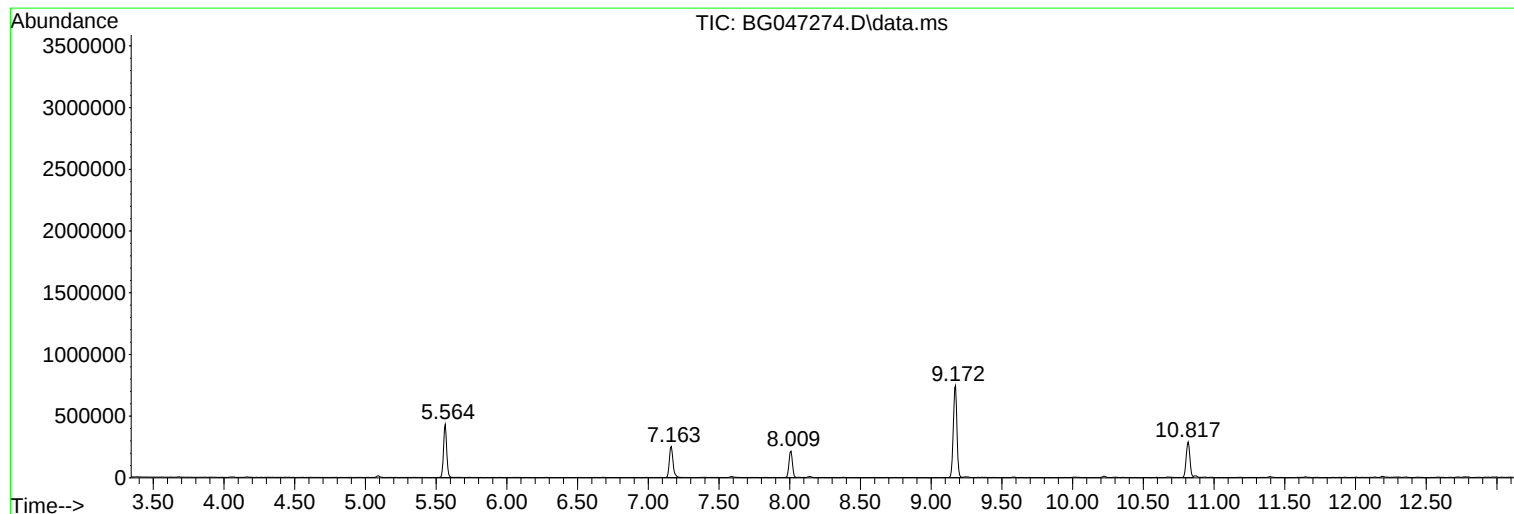
Sum of corrected areas: 18799068

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111120\  
Data File : BG047274.D  
Acq On : 10 Nov 2020 18:23  
Operator : CG/JU  
Sample : L4670-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B-7-MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.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\BG111120\  
Data File : BG047274.D  
Acq On : 10 Nov 2020 18:23  
Operator : CG/JU  
Sample : L4670-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B-7-MW-3

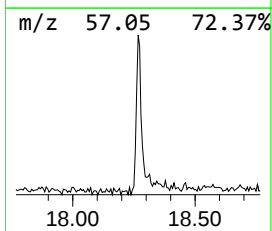
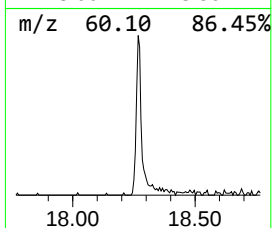
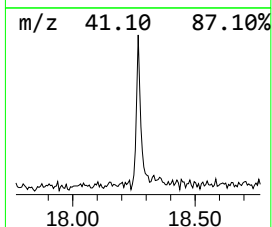
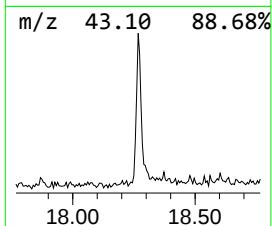
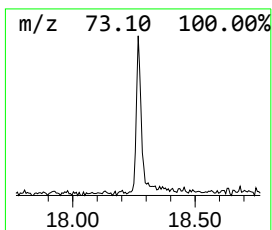
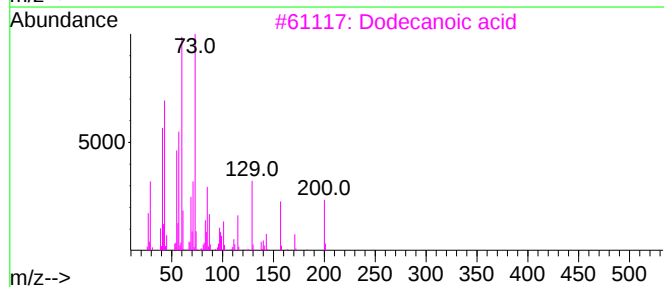
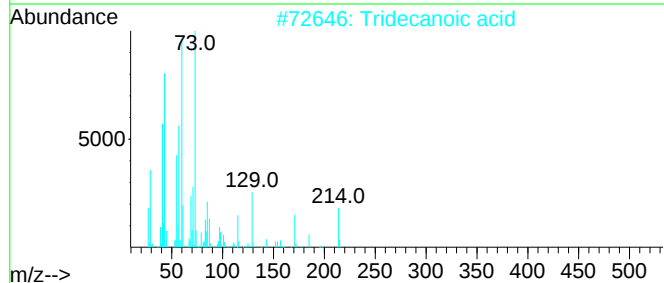
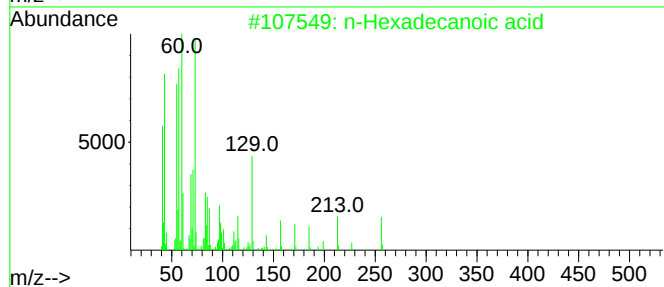
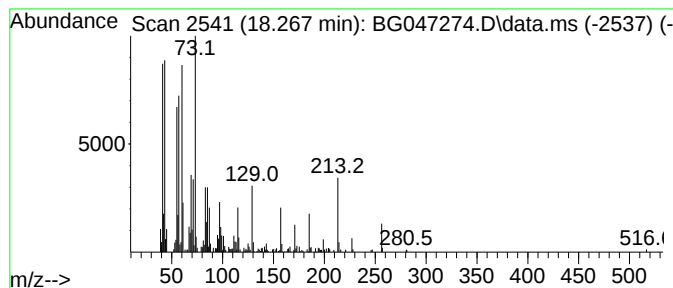
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.267 | 5.79 ng | 269856 | Phenanthrene-d10 | 17.386 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 3    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 72   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 68   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111120\  
Data File : BG047274.D  
Acq On : 10 Nov 2020 18:23  
Operator : CG/JU  
Sample : L4670-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B-7-MW-3

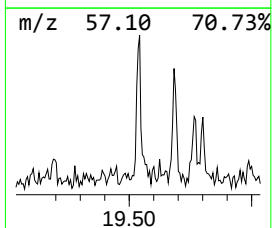
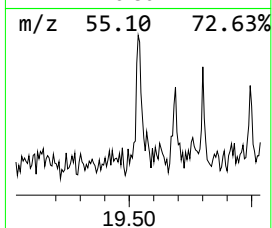
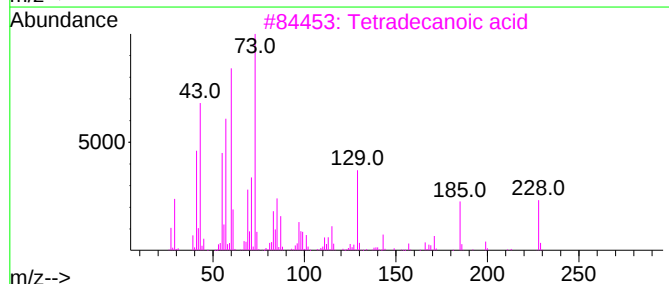
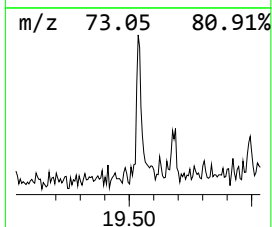
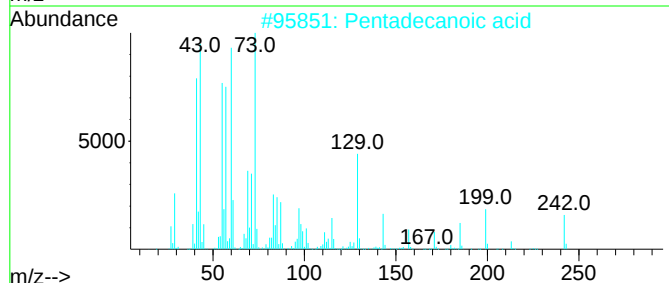
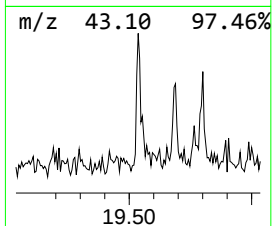
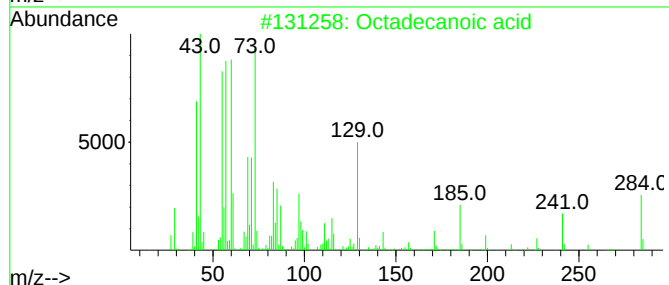
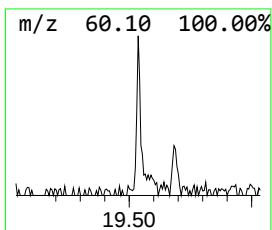
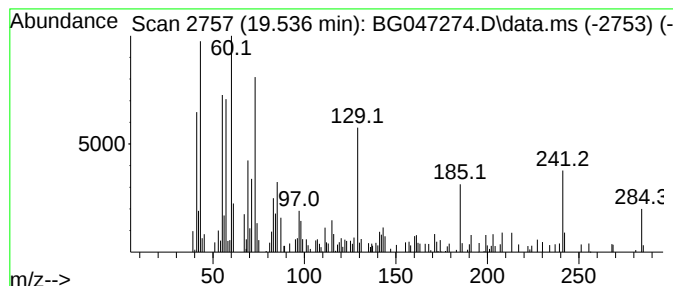
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.536 | 2.09 ng | 103789 | Chrysene-d12     | 21.646 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 96   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 86   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 58   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 55   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111120\  
Data File : BG047274.D  
Acq On : 10 Nov 2020 18:23  
Operator : CG/JU  
Sample : L4670-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B-7-MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

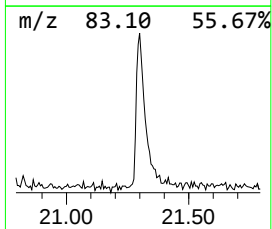
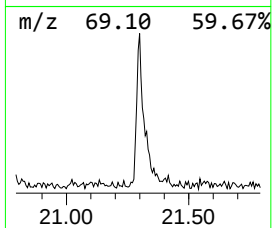
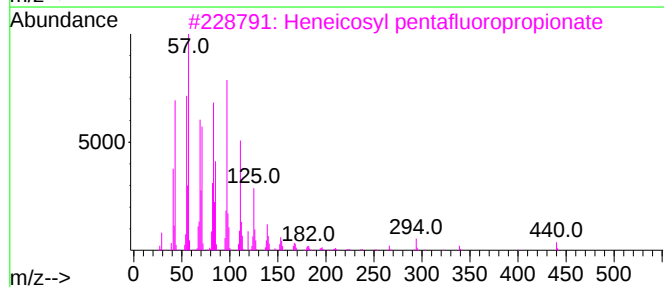
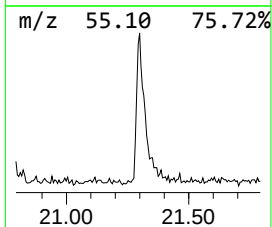
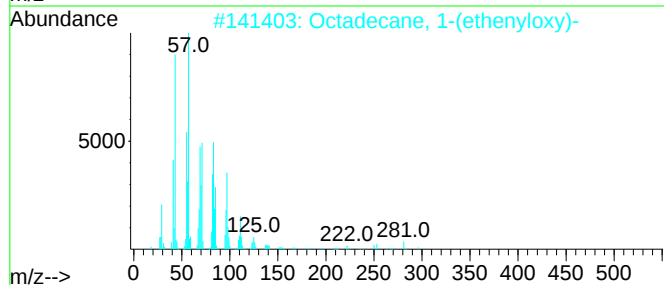
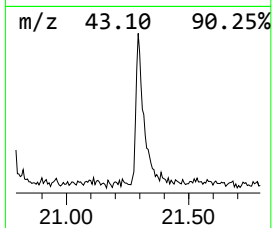
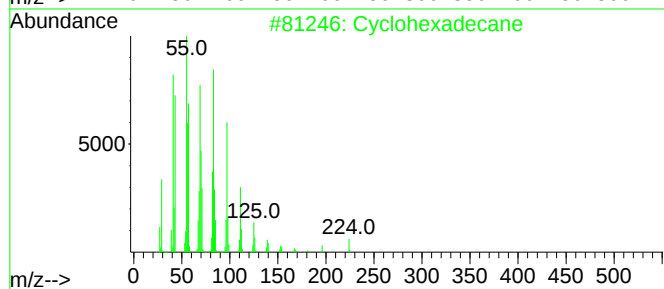
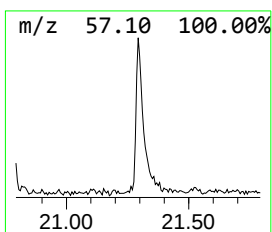
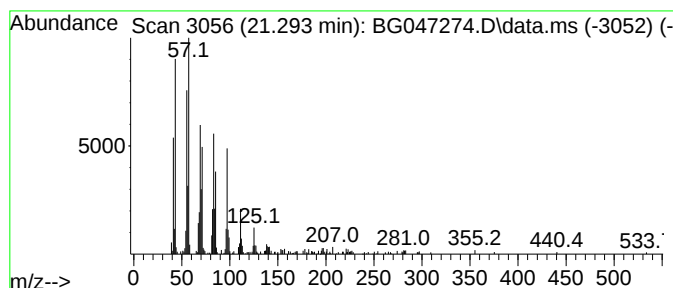
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Cyclohexadecane Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.293 | 8.00 ng | 398098 | Chrysene-d12     | 21.646 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Cyclohexadecane                     | 224 | C16H32     | 000295-65-8  | 97   |
| 2    |    |   | Octadecane, 1-(ethenyloxy)-         | 296 | C20H40O    | 000930-02-9  | 93   |
| 3    |    |   | Heneicosyl pentafluoropropionate    | 458 | C24H43F5O2 | 1000351-81-1 | 91   |
| 4    |    |   | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7  | 90   |
| 5    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2 | 959085-66-6  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111120\  
Data File : BG047274.D  
Acq On : 10 Nov 2020 18:23  
Operator : CG/JU  
Sample : L4670-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B-7-MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.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 |
| n-Hexadecanoic ... | 18.267 | 5.8     | ng    | 269856   | 4                     | 17.386 | 931483 | 20.0 |
| Octadecanoic acid  | 19.536 | 2.1     | ng    | 103789   | 5                     | 21.646 | 994972 | 20.0 |
| Cyclohexadecane    | 21.293 | 8.0     | ng    | 398098   | 5                     | 21.646 | 994972 | 20.0 |