

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011723\  
 Data File : BM038463.D  
 Acq On : 17 Jan 2023 12:57  
 Operator : CG/JU  
 Sample : PB150197BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150197BL

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\_M\Methods\8270-BM011623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038463.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         | 5.057       | 312           | 318         | 328          | rBV      | 747033         | 977789        | 27.05%          | 5.120%        |
| 2         | 5.528       | 391           | 398         | 411          | rBV      | 1708071        | 2413089       | 66.75%          | 12.637%       |
| 3         | 7.139       | 665           | 672         | 687          | rBV      | 1578148        | 2326940       | 64.36%          | 12.185%       |
| 4         | 7.975       | 807           | 814         | 820          | rBV      | 254873         | 390610        | 10.80%          | 2.046%        |
| 5         | 9.145       | 1006          | 1013        | 1026         | rBV      | 827171         | 1328785       | 36.76%          | 6.958%        |
| 6         | 10.786      | 1285          | 1292        | 1300         | rBV      | 277076         | 444863        | 12.31%          | 2.330%        |
| 7         | 13.233      | 1702          | 1708        | 1715         | rBV      | 1883834        | 2506815       | 69.34%          | 13.127%       |
| 8         | 14.610      | 1936          | 1942        | 1950         | rVB      | 362572         | 500399        | 13.84%          | 2.620%        |
| 9         | 16.098      | 2188          | 2195        | 2203         | rBV      | 1574735        | 2059449       | 56.97%          | 10.785%       |
| 10        | 17.351      | 2402          | 2408        | 2419         | rBV      | 421495         | 561090        | 15.52%          | 2.938%        |
| 11        | 18.233      | 2552          | 2558        | 2572         | rBV      | 242680         | 398298        | 11.02%          | 2.086%        |
| 12        | 19.386      | 2744          | 2754        | 2766         | rBV7     | 40372          | 140093        | 3.88%           | 0.734%        |
| 13        | 19.503      | 2769          | 2774        | 2784         | rBV      | 112130         | 178960        | 4.95%           | 0.937%        |
| 14        | 19.968      | 2847          | 2853        | 2861         | rBV      | 3214346        | 3615244       | 100.00%         | 18.932%       |
| 15        | 20.715      | 2977          | 2980        | 2984         | rBV2     | 34850          | 37440         | 1.04%           | 0.196%        |
| 16        | 21.527      | 3114          | 3118        | 3123         | rBV      | 485446         | 597589        | 16.53%          | 3.129%        |
| 17        | 23.950      | 3524          | 3530        | 3538         | rBV      | 323911         | 618546        | 17.11%          | 3.239%        |

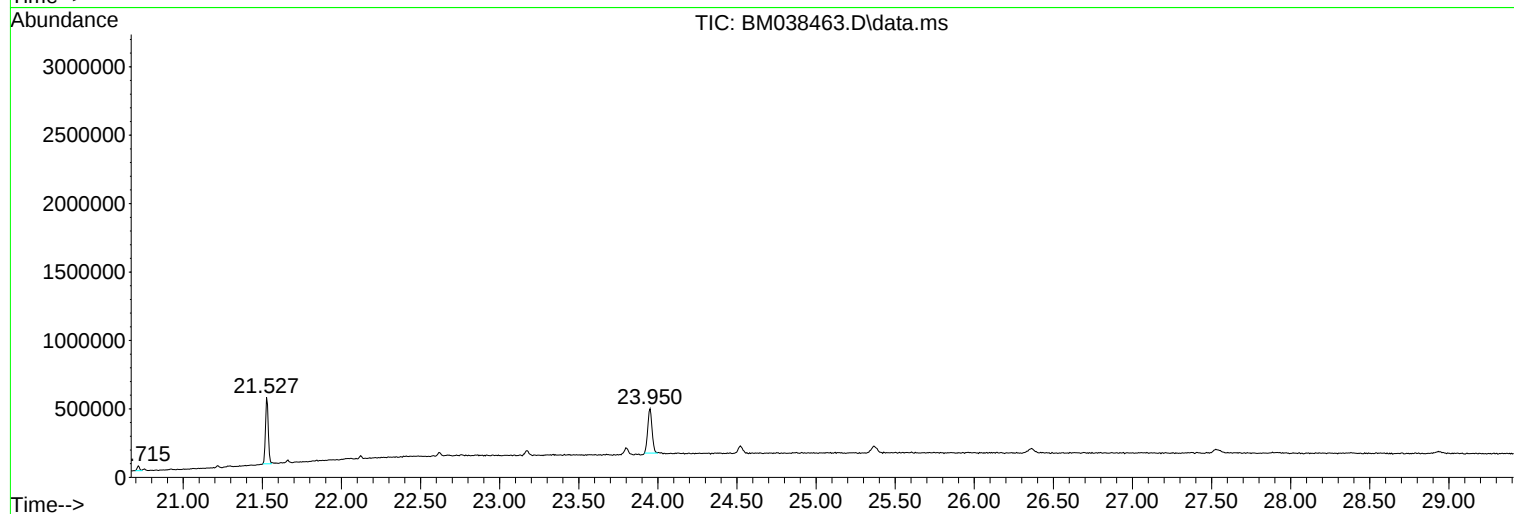
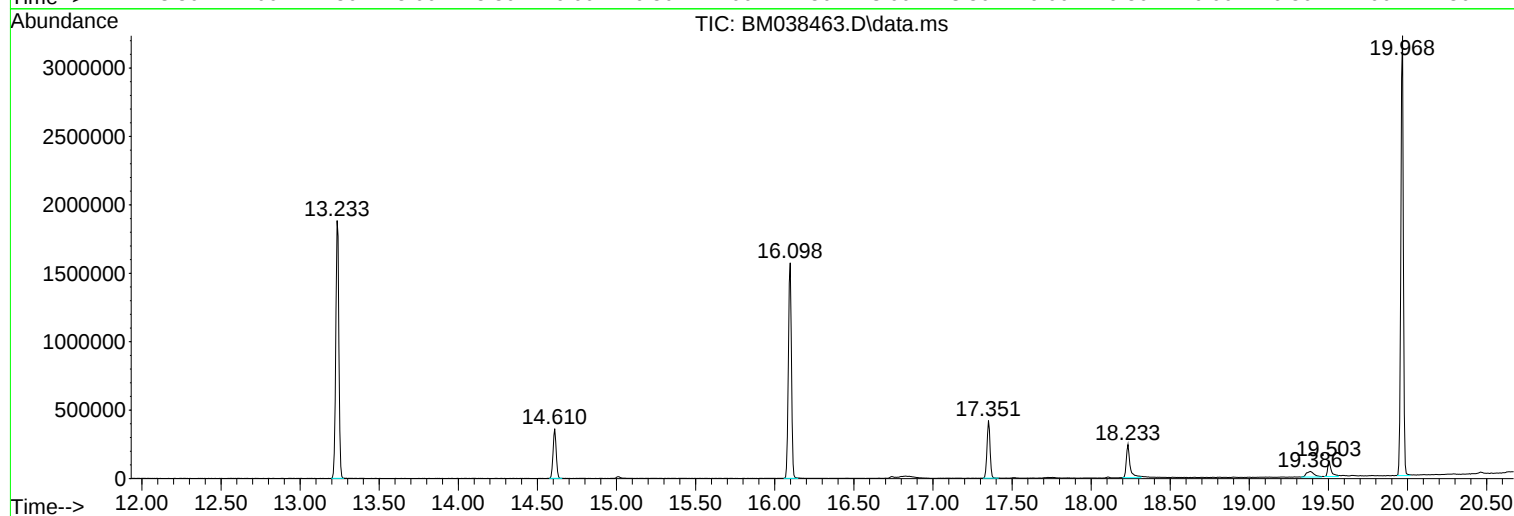
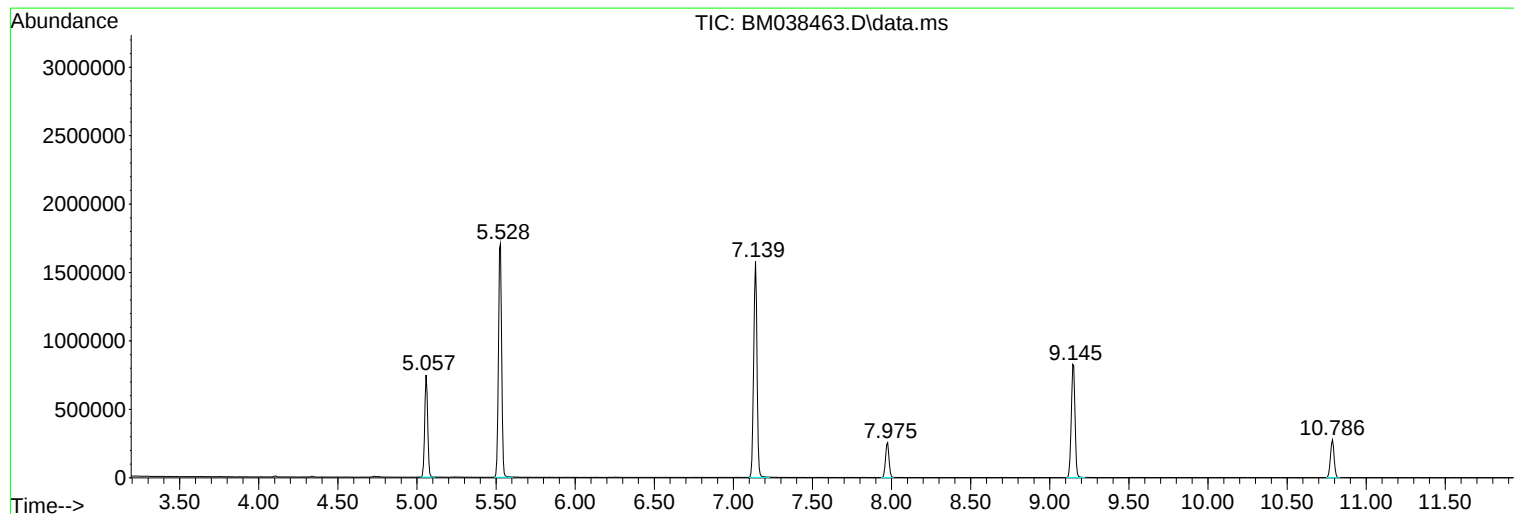
Sum of corrected areas: 19095999

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011723\  
Data File : BM038463.D  
Acq On : 17 Jan 2023 12:57  
Operator : CG/JU  
Sample : PB150197BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB150197BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011723\  
Data File : BM038463.D  
Acq On : 17 Jan 2023 12:57  
Operator : CG/JU  
Sample : PB150197BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB150197BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

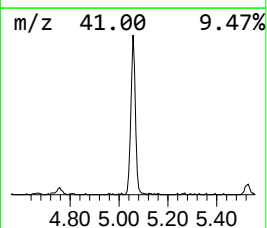
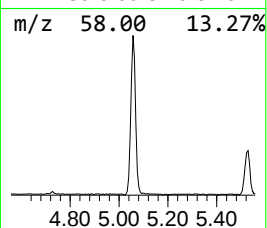
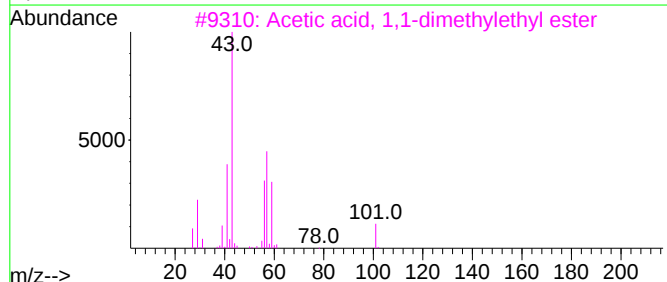
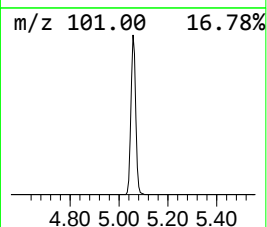
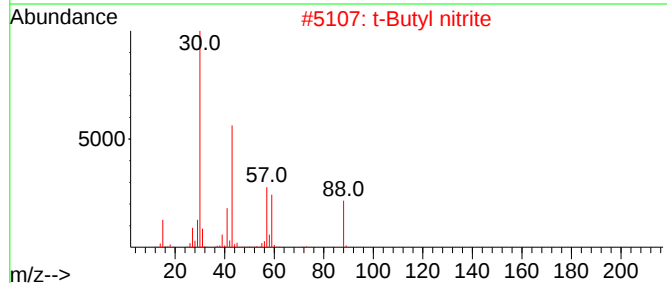
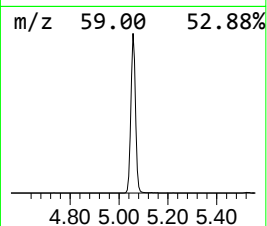
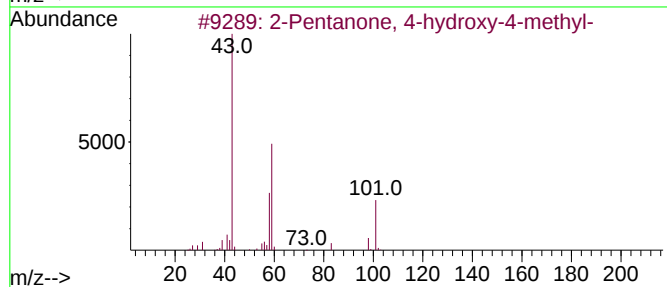
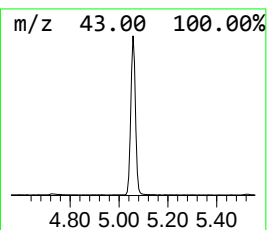
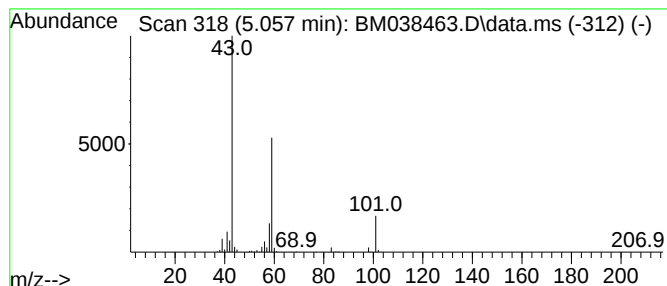
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.057 | 50.06 ng | 977789 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 72   |
| 2    |    |   | t-Butyl nitrite                     | 103 | C4H9NO2  | 000540-80-7 | 39   |
| 3    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 38   |
| 4    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 5    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 16   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011723\  
Data File : BM038463.D  
Acq On : 17 Jan 2023 12:57  
Operator : CG/JU  
Sample : PB150197BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB150197BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

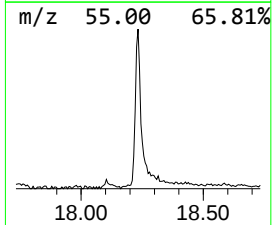
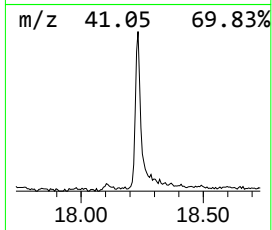
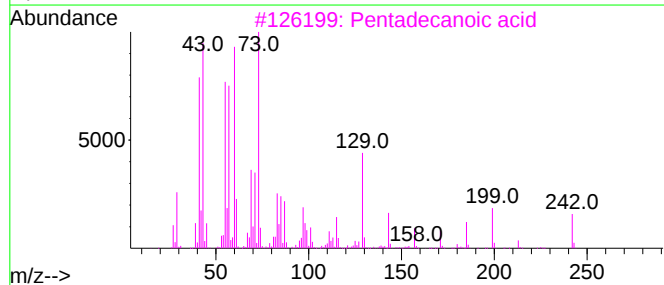
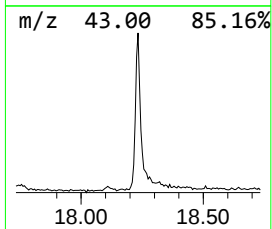
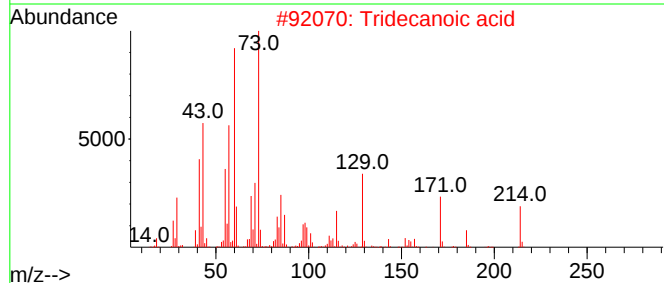
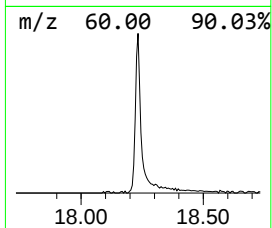
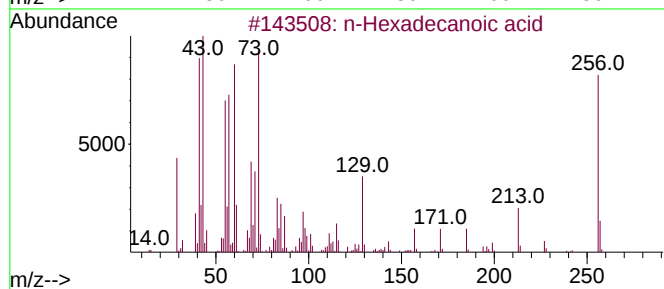
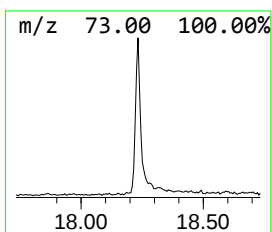
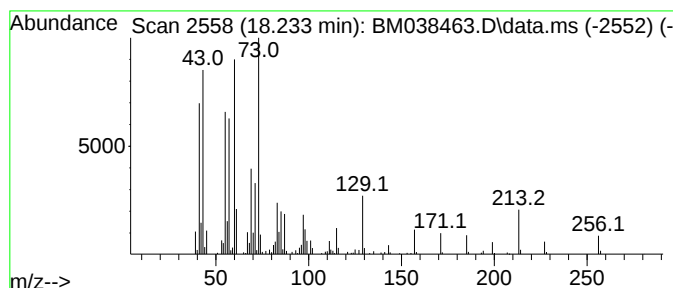
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 18.233 | 14.20 ng | 398298 | Phenanthrene-d10 | 17.351 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011723\  
Data File : BM038463.D  
Acq On : 17 Jan 2023 12:57  
Operator : CG/JU  
Sample : PB150197BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB150197BL

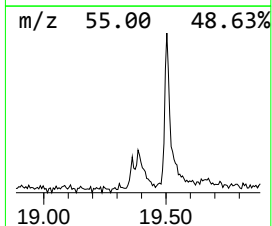
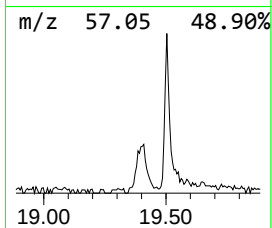
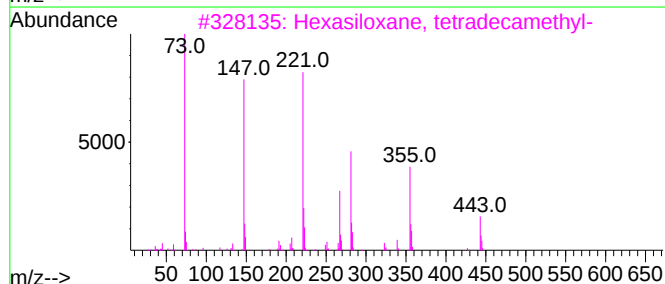
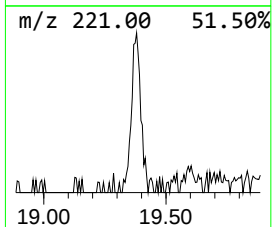
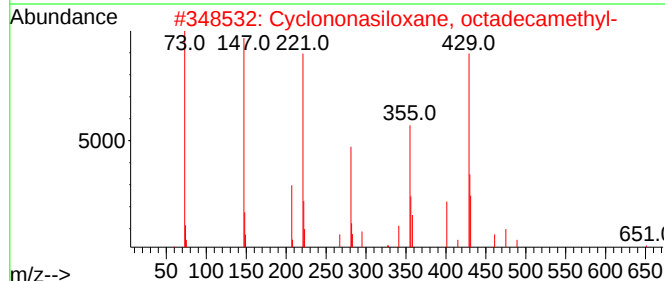
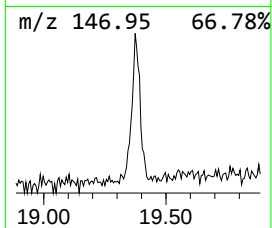
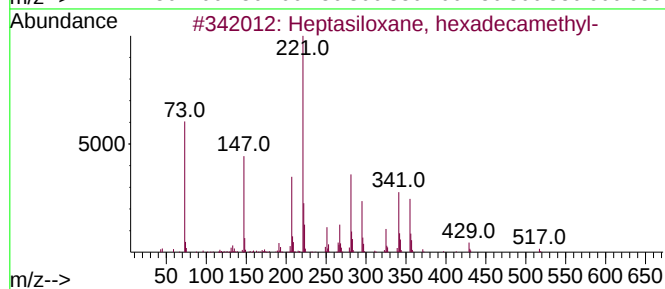
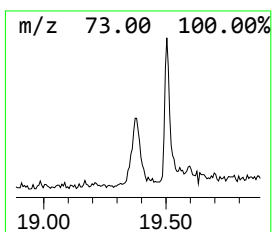
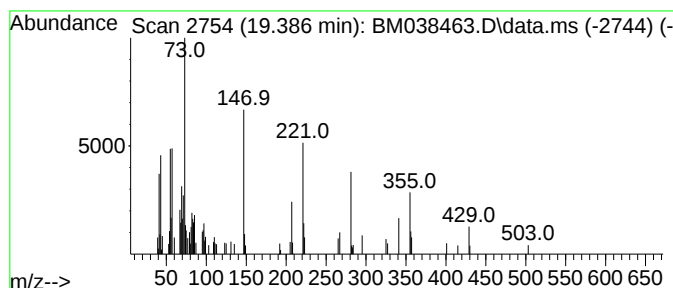
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 Heptasiloxane, hexadecamethyl- Concentration Rank 4

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.386    | 4.99 ng                             | 140093 | Phenanthrene-d10 | 17.351      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Heptasiloxane, hexadecamethyl-      | 532    | C16H48O6Si7      | 000541-01-5 | 53   |
| 2         | Cyclononasiloxane, octadecamethyl-  | 666    | C18H54O9Si9      | 000556-71-8 | 53   |
| 3         | Hexasiloxane, tetradecamethyl-      | 458    | C14H42O5Si6      | 000107-52-8 | 50   |
| 4         | 3,6-Dioxo-2,4,5,7-tetrasilaoctan... | 294    | C10H30O2Si4      | 004342-25-0 | 38   |
| 5         | 1,1,1,5,7,7,7-Heptamethyl-3,3-bi... | 444    | C13H40O5Si6      | 038147-00-1 | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011723\  
Data File : BM038463.D  
Acq On : 17 Jan 2023 12:57  
Operator : CG/JU  
Sample : PB150197BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB150197BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

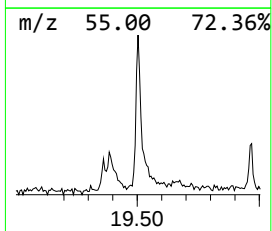
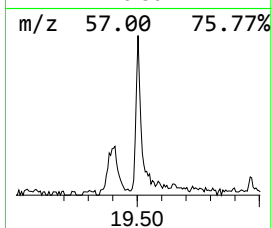
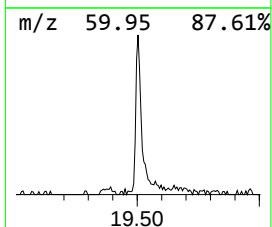
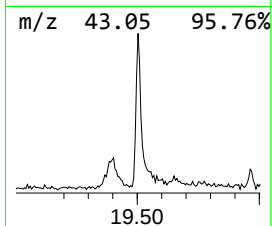
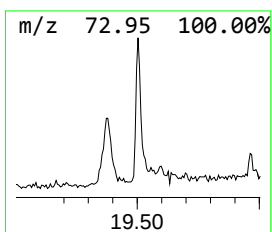
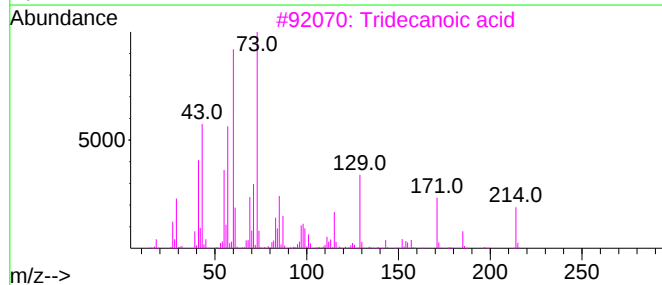
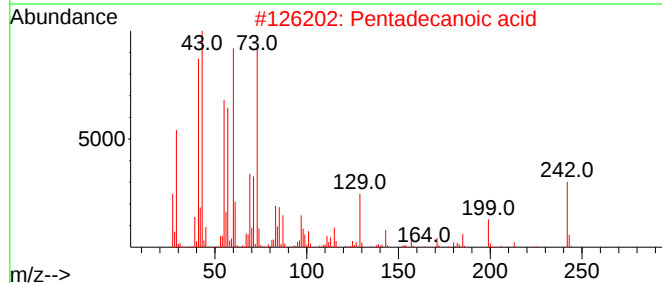
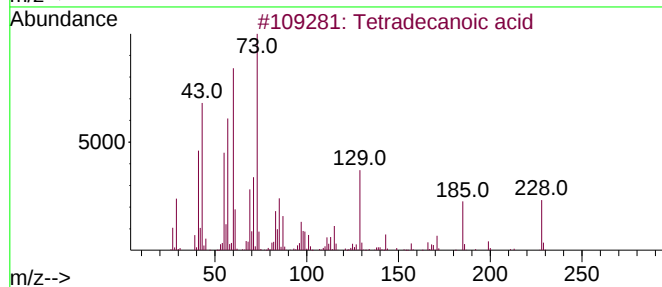
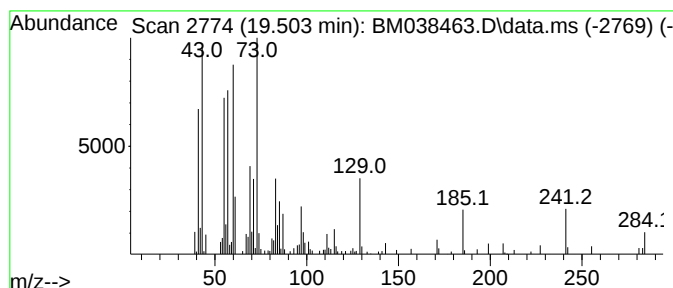
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 4 Tetradecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.503 | 5.99 ng | 178960 | Chrysene-d12     | 21.527 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 68   |
| 2    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68   |
| 3    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 50   |
| 4    |    |   | Dodecanoic acid    | 200 | C12H24O2 | 000143-07-7 | 50   |
| 5    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011723\  
Data File : BM038463.D  
Acq On : 17 Jan 2023 12:57  
Operator : CG/JU  
Sample : PB150197BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB150197BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.057  | 50.1    | ng    | 977789   | 1                     | 7.975  | 390610 | 20.0 |
| n-Hexadecanoic ... | 18.233 | 14.2    | ng    | 398298   | 4                     | 17.351 | 561090 | 20.0 |
| Heptasiloxane, ... | 19.386 | 5.0     | ng    | 140093   | 4                     | 17.351 | 561090 | 20.0 |
| Tetradecanoic acid | 19.503 | 6.0     | ng    | 178960   | 5                     | 21.527 | 597589 | 20.0 |