

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
 Data File : BM036076.D  
 Acq On : 03 Aug 2022 13:54  
 Operator : CG/JU  
 Sample : N4016-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MH-ED

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-BM080122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036076.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         | 5.428       | 392           | 398         | 412          | rVB      | 2461494        | 3601060       | 8.91%           | 2.442%        |
| 2         | 7.039       | 665           | 672         | 681          | rVB      | 2506627        | 3902093       | 9.66%           | 2.647%        |
| 3         | 7.863       | 806           | 812         | 819          | rBV      | 562362         | 874488        | 2.16%           | 0.593%        |
| 4         | 9.033       | 1004          | 1011        | 1020         | rBV      | 1480079        | 2350490       | 5.82%           | 1.594%        |
| 5         | 10.669      | 1282          | 1289        | 1297         | rBV      | 842958         | 1378974       | 3.41%           | 0.935%        |
| 6         | 13.133      | 1701          | 1708        | 1714         | rBV      | 4009063        | 5647443       | 13.97%          | 3.830%        |
| 7         | 13.521      | 1751          | 1774        | 1775         | rBV      | 1710620        | 6457049       | 15.98%          | 4.380%        |
| 8         | 14.504      | 1936          | 1941        | 1955         | rVB      | 1503890        | 2591162       | 6.41%           | 1.758%        |
| 9         | 14.939      | 2011          | 2015        | 2030         | rVB2     | 624599         | 1329824       | 3.29%           | 0.902%        |
| 10        | 15.992      | 2188          | 2194        | 2199         | rBV      | 5058947        | 6802535       | 16.83%          | 4.614%        |
| 11        | 16.415      | 2247          | 2266        | 2268         | rBV      | 2730969        | 13331895      | 32.99%          | 9.043%        |
| 12        | 17.245      | 2402          | 2407        | 2419         | rVB      | 2017971        | 3170672       | 7.85%           | 2.151%        |
| 13        | 18.168      | 2552          | 2564        | 2589         | rVB      | 11649431       | 30615186      | 75.76%          | 20.765%       |
| 14        | 18.421      | 2605          | 2607        | 2613         | rVB3     | 327332         | 434562        | 1.08%           | 0.295%        |
| 15        | 19.227      | 2741          | 2744        | 2747         | rBV      | 681253         | 741246        | 1.83%           | 0.503%        |
| 16        | 19.286      | 2750          | 2754        | 2757         | rBV      | 1485811        | 2379280       | 5.89%           | 1.614%        |
| 17        | 19.450      | 2770          | 2782        | 2796         | rVB      | 16369596       | 40411491      | 100.00%         | 27.410%       |
| 18        | 19.868      | 2848          | 2853        | 2859         | rBV      | 7826296        | 9698166       | 24.00%          | 6.578%        |
| 19        | 20.892      | 3024          | 3027        | 3032         | rVB      | 330618         | 459519        | 1.14%           | 0.312%        |
| 20        | 21.139      | 3065          | 3069        | 3074         | rBV      | 1429840        | 1633952       | 4.04%           | 1.108%        |
| 21        | 21.421      | 3113          | 3117        | 3122         | rBV      | 2856568        | 3646969       | 9.02%           | 2.474%        |
| 22        | 21.474      | 3123          | 3126        | 3134         | rVB      | 423431         | 577894        | 1.43%           | 0.392%        |
| 23        | 22.062      | 3223          | 3226        | 3235         | rVB      | 492445         | 719315        | 1.78%           | 0.488%        |
| 24        | 23.785      | 3513          | 3519        | 3528         | rVB2     | 2408007        | 4678387       | 11.58%          | 3.173%        |

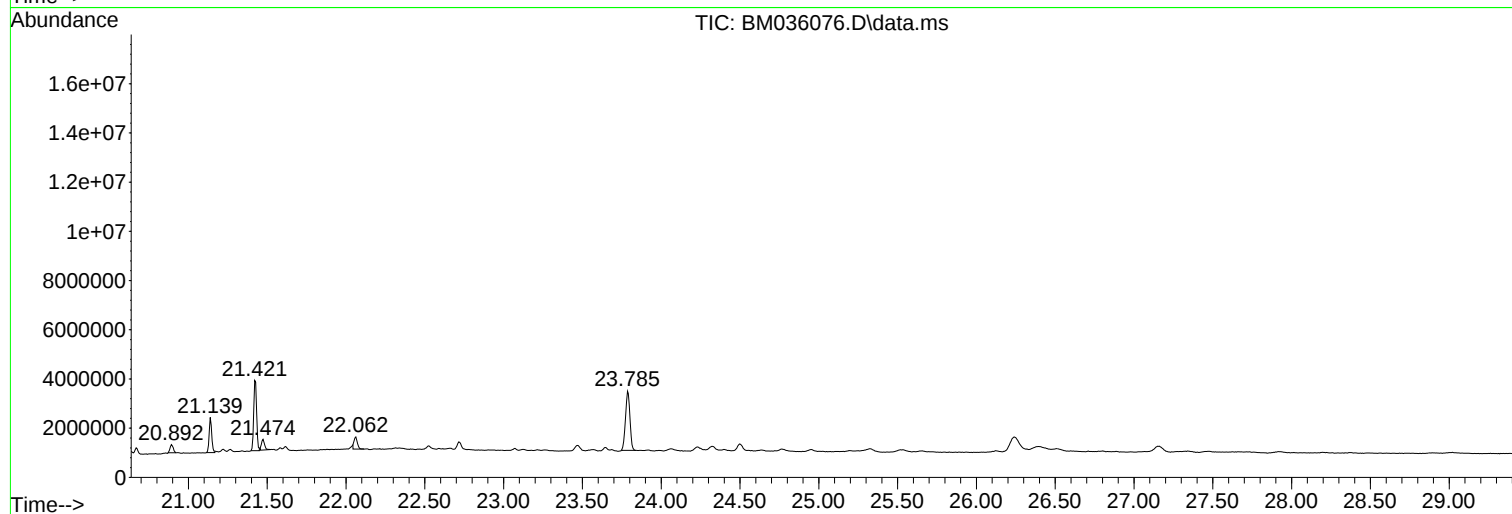
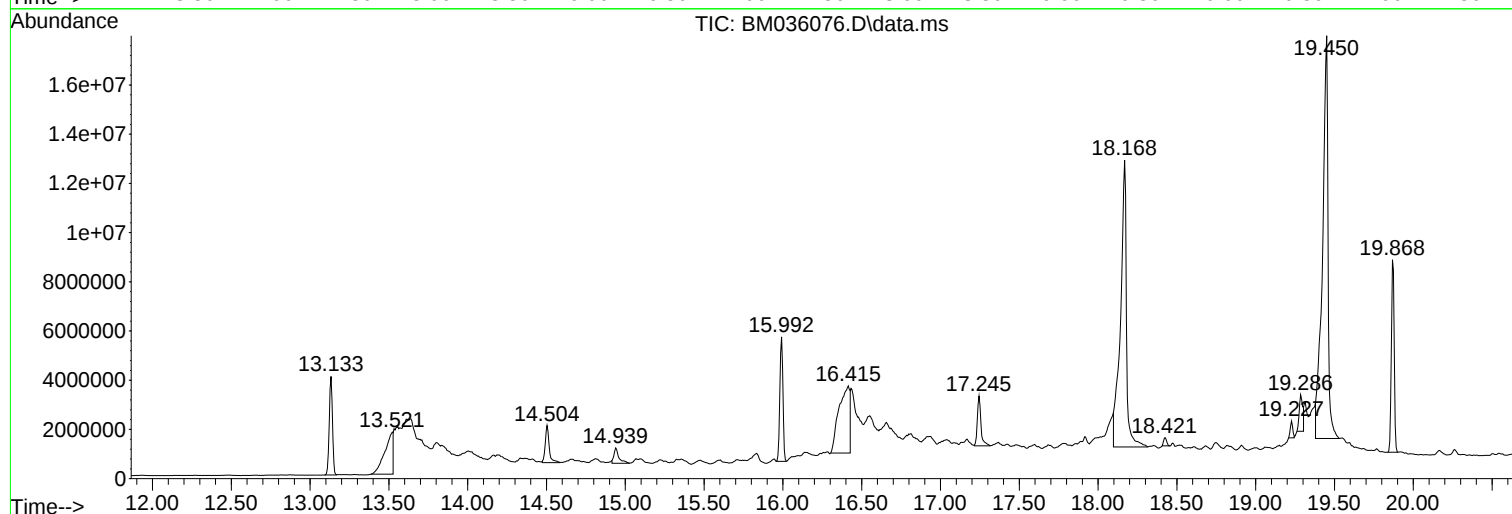
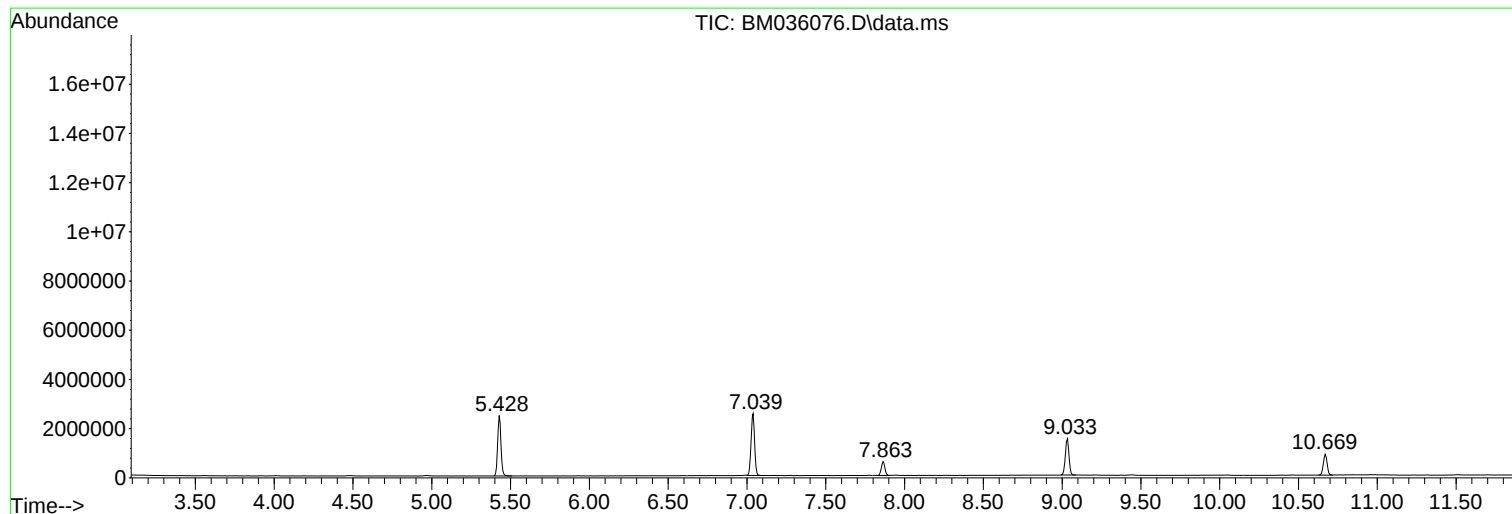
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BNA\_M  
ClientSampleId :  
MH-ED

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :  
BNA\_M  
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MH-ED

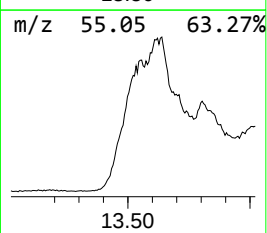
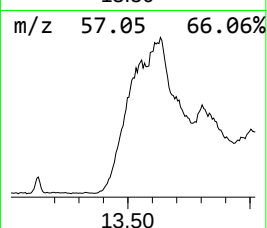
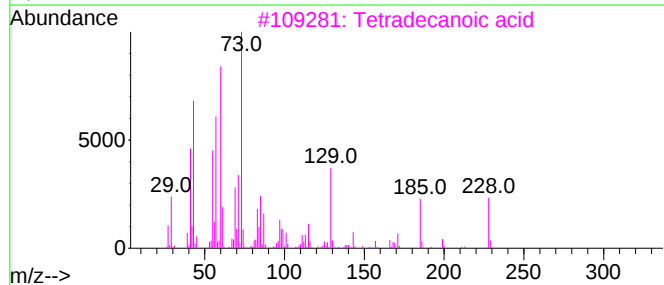
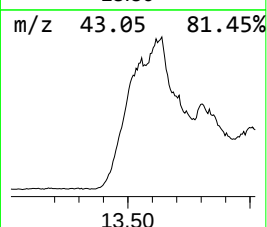
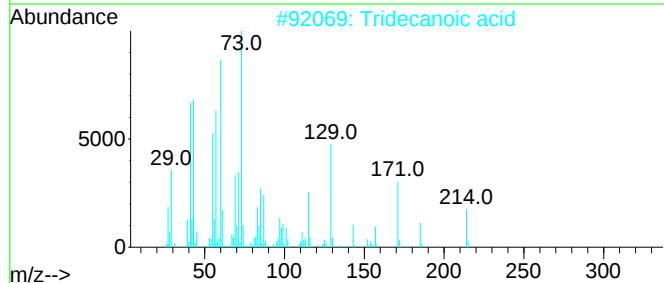
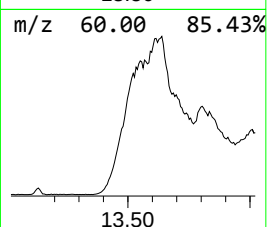
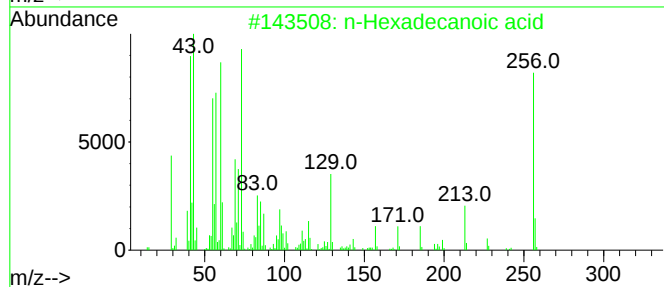
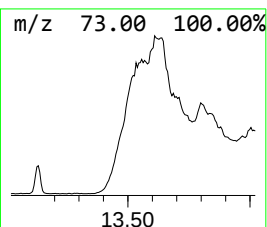
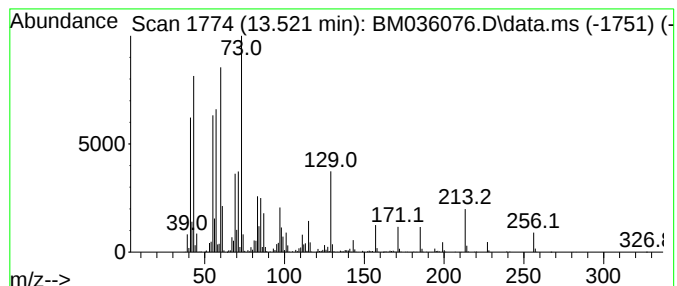
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.521 | 49.84 ng | 6457050 | Acenaphthene-d10 | 14.504 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 5    |    |   | Nonanoic acid       | 158 | C9H18O2  | 000112-05-0 | 43   |



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MH-ED

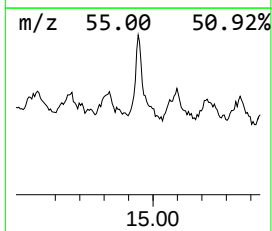
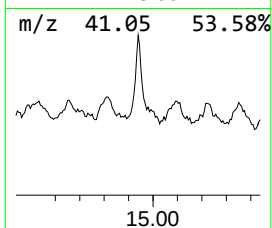
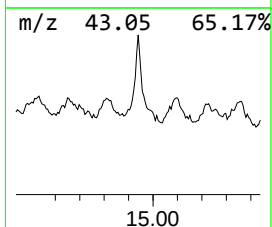
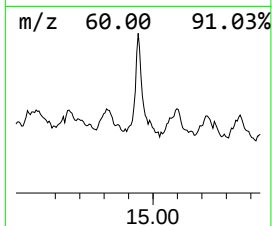
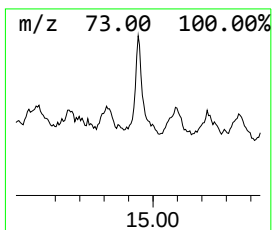
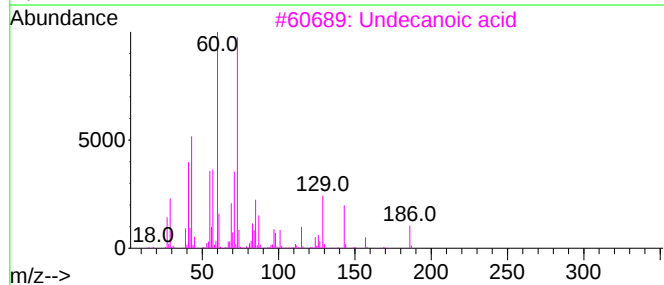
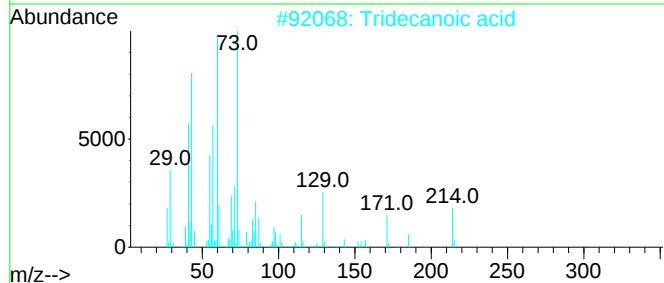
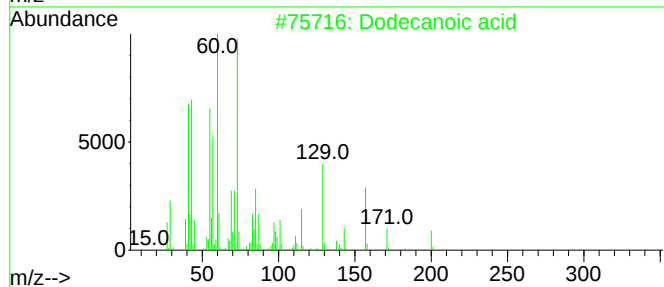
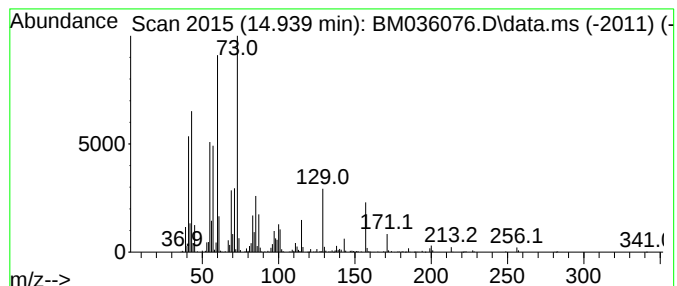
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Dodecanoic acid Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.939 | 10.26 ng | 1329820 | Acenaphthene-d10 | 14.504 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Dodecanoic acid    | 200 | C12H24O2 | 000143-07-7 | 98   |
| 2    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 80   |
| 3    |    |   | Undecanoic acid    | 186 | C11H22O2 | 000112-37-8 | 80   |
| 4    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 64   |
| 5    |    |   | Nonanoic acid      | 158 | C9H18O2  | 000112-05-0 | 58   |



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Sample : N4016-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

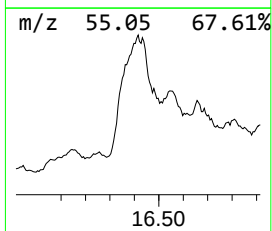
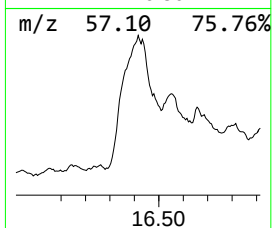
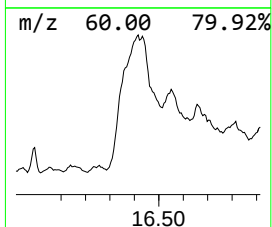
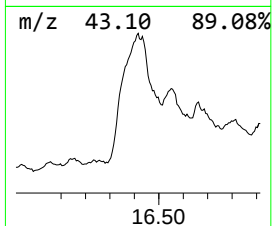
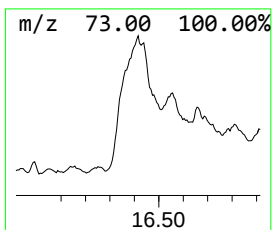
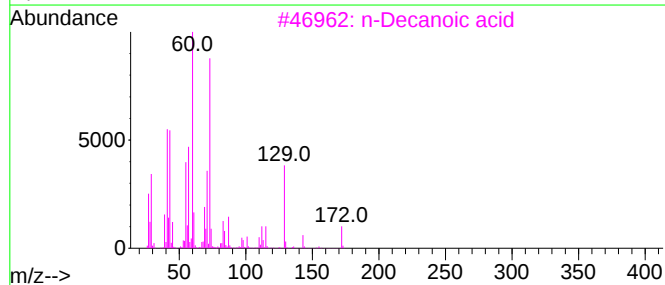
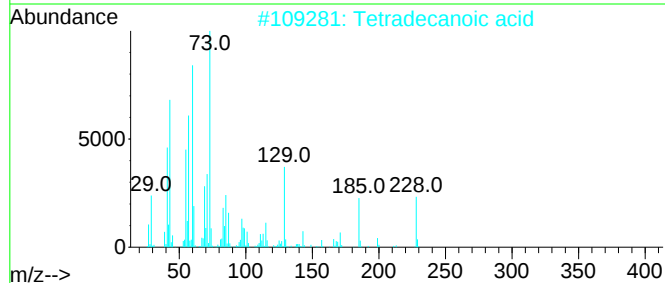
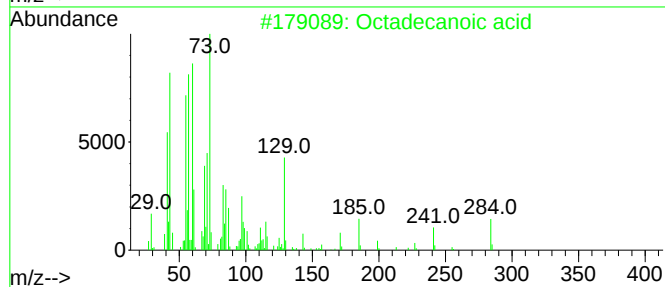
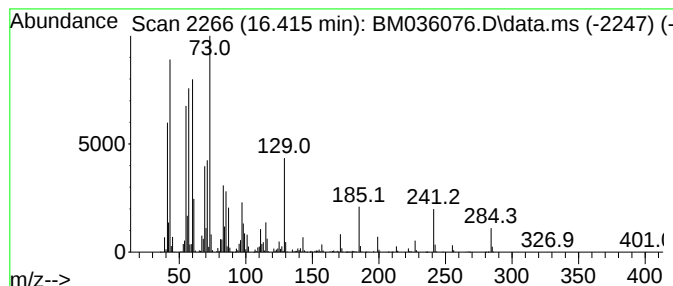
Instrument :  
BNA\_M  
ClientSampleId :  
MH-ED

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Octadecanoic acid Concentration Rank 3

| R.T.      | EstConc               | Area     | Relative to ISTD |          | R.T.        |      |
|-----------|-----------------------|----------|------------------|----------|-------------|------|
| 16.415    | 84.10 ng              | 13331900 | Phenanthrene-d10 |          | 17.245      |      |
| Hit# of 5 | Tentative ID          |          | MW               | MolForm  | CAS#        | Qual |
| 1         | Octadecanoic acid     |          | 284              | C18H36O2 | 000057-11-4 | 99   |
| 2         | Tetradecanoic acid    |          | 228              | C14H28O2 | 000544-63-8 | 87   |
| 3         | n-Decanoic acid       |          | 172              | C10H20O2 | 000334-48-5 | 62   |
| 4         | 8-Methylnonanoic acid |          | 172              | C10H20O2 | 005963-14-4 | 55   |
| 5         | Pentadecanoic acid    |          | 242              | C15H30O2 | 001002-84-2 | 45   |



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Instrument :  
BNA\_M  
ClientSampleId :  
MH-ED

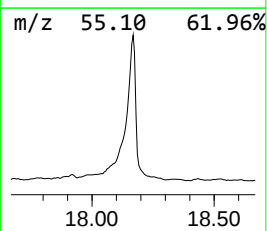
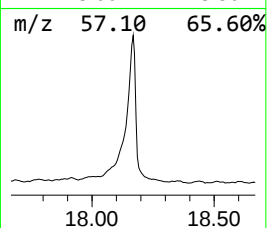
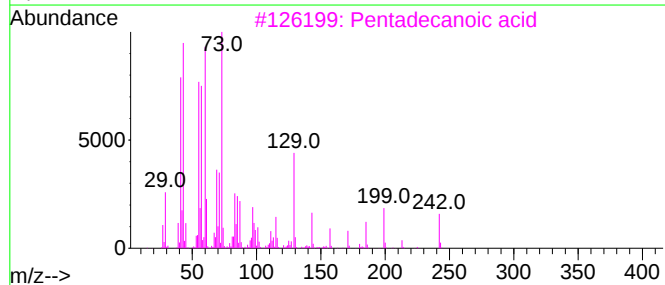
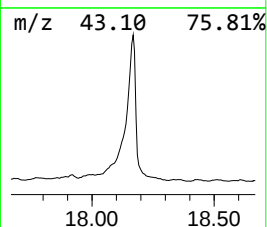
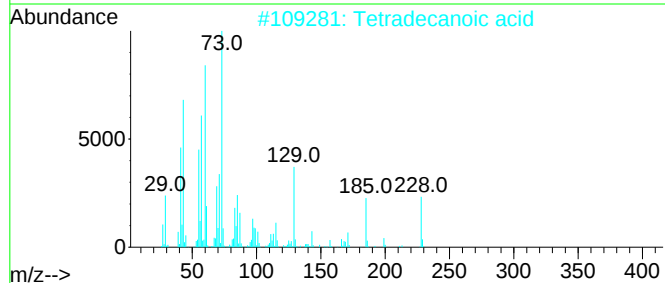
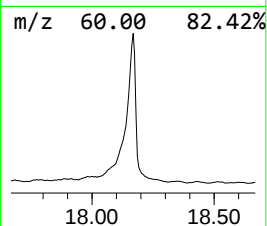
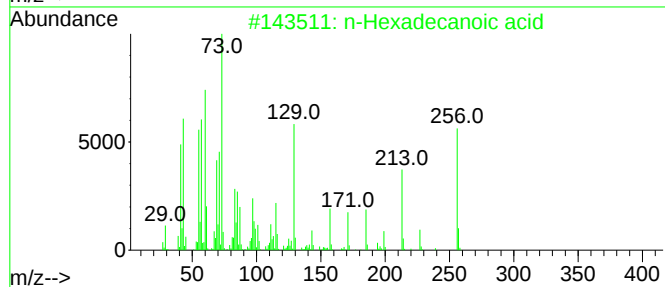
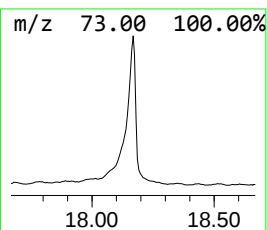
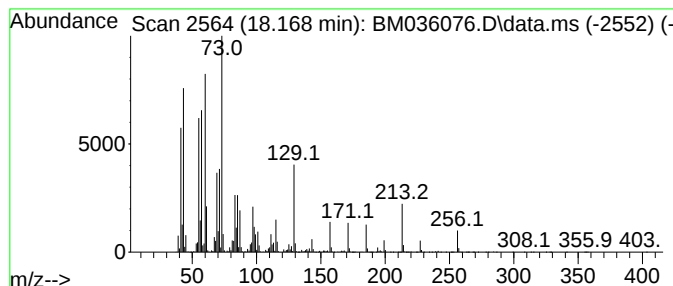
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
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TIC Library : C:\Database\NIST20.L  
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Peak Number 4 Tetradecanoic acid Concentration Rank 2

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 18.168 | 193.12 ng | 30615200 | Phenanthrene-d10 | 17.245 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 68   |



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Instrument :  
BNA\_M  
ClientSampleId :  
MH-ED

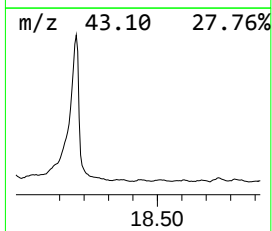
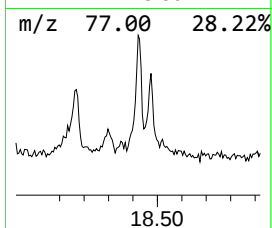
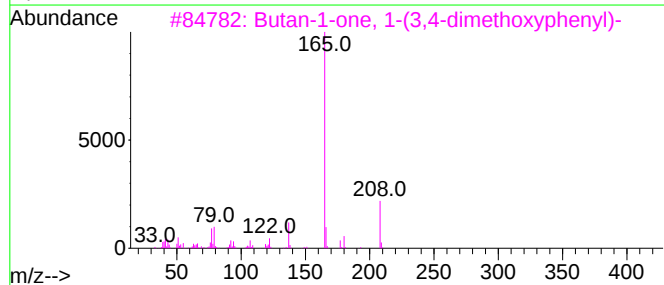
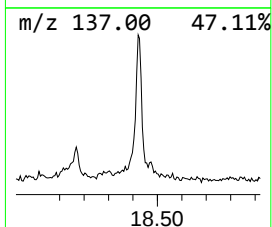
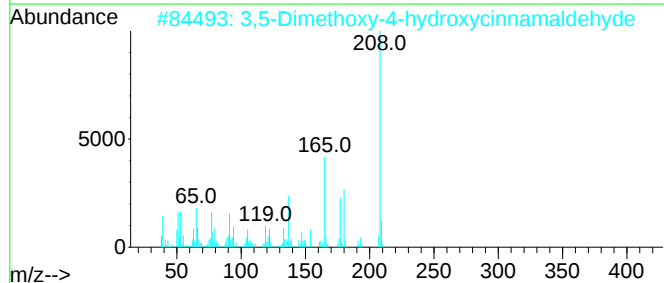
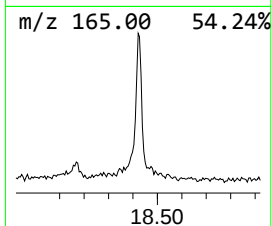
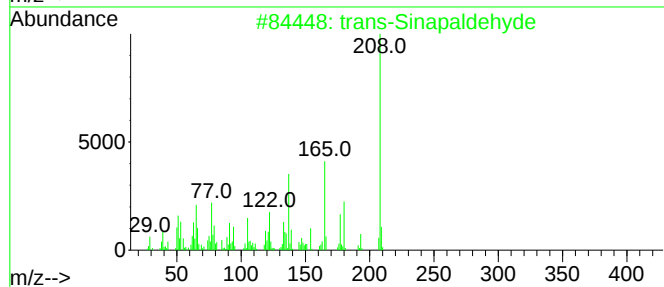
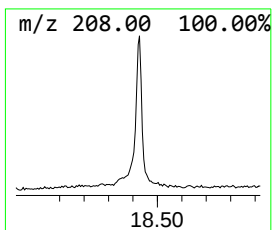
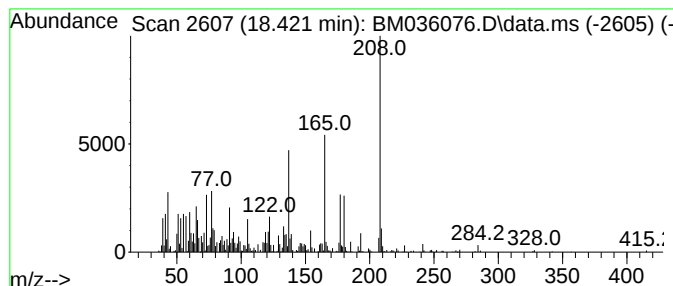
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 trans-Sinapaldehyde Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.421 | 2.74 ng | 434562 | Phenanthrene-d10 | 17.245 |

| Hit# | of | 5 | Tentative ID                                  | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------------------------|-----|----------|--------------|------|
| 1    |    |   | trans-Sinapaldehyde                           | 208 | C11H12O4 | 004206-58-0  | 93   |
| 2    |    |   | 3,5-Dimethoxy-4-hydroxycinnamaldehyde         | 208 | C11H12O4 | 087345-53-7  | 92   |
| 3    |    |   | Butan-1-one, 1-(3,4-dimethoxyphenyl)-         | 208 | C12H16O3 | 054419-21-5  | 49   |
| 4    |    |   | Asarone                                       | 208 | C12H16O3 | 002883-98-9  | 43   |
| 5    |    |   | 1,2-Dimethoxy-4-(3-methoxy-1-propenyl)benzene | 208 | C12H16O3 | 1000313-35-0 | 42   |



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Data File : BM036076.D  
Acq On : 03 Aug 2022 13:54  
Operator : CG/JU  
Sample : N4016-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MH-ED

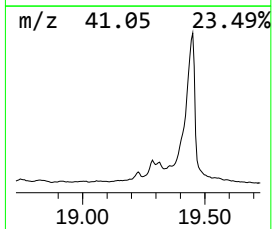
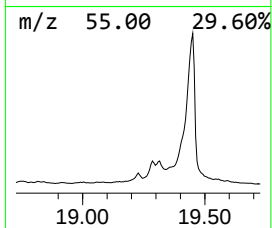
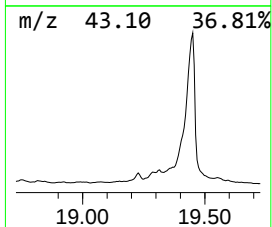
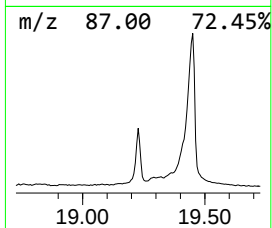
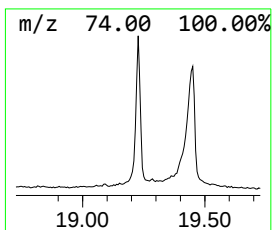
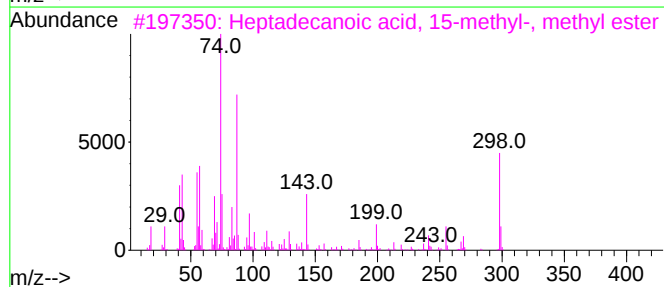
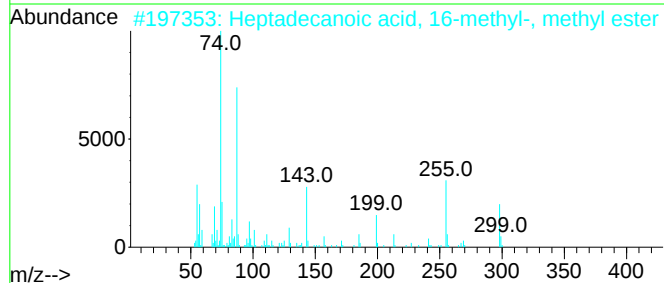
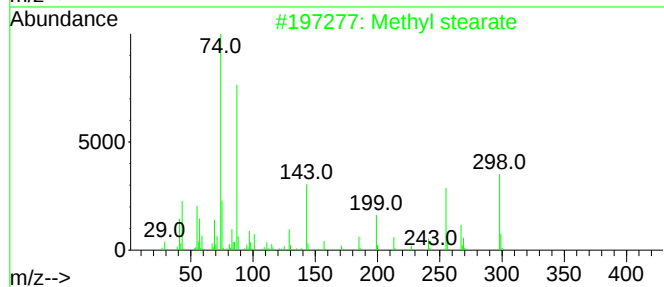
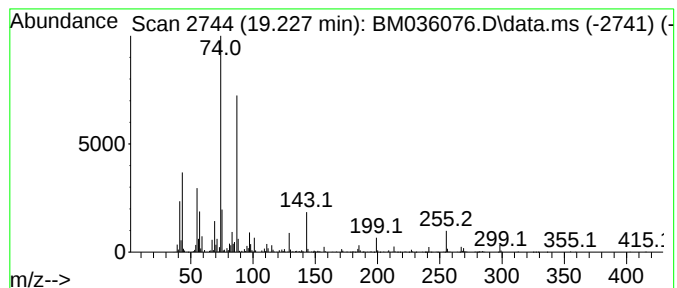
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Methyl stearate Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.227 | 4.68 ng | 741246 | Phenanthrene-d10 | 17.245 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 98   |
| 2    |    |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 97   |
| 3    |    |   | Heptadecanoic acid, 15-methyl-, ... | 298 | C19H38O2 | 054833-55-5 | 91   |
| 4    |    |   | Nonadecanoic acid, methyl ester     | 312 | C20H40O2 | 001731-94-8 | 90   |
| 5    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
Data File : BM036076.D  
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Operator : CG/JU  
Sample : N4016-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

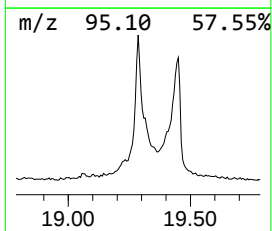
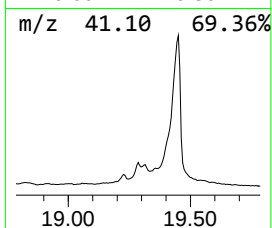
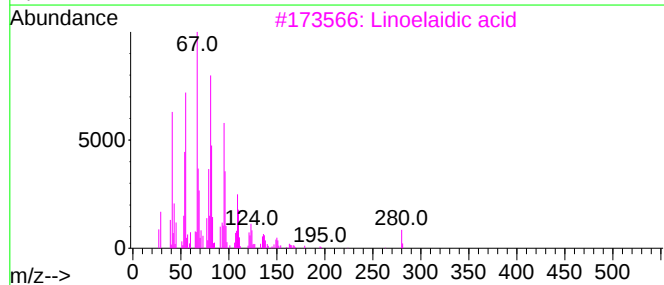
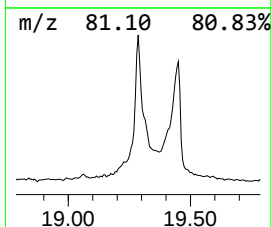
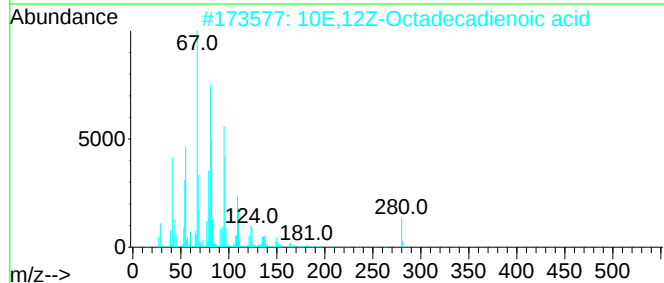
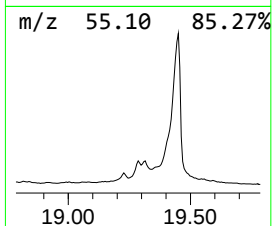
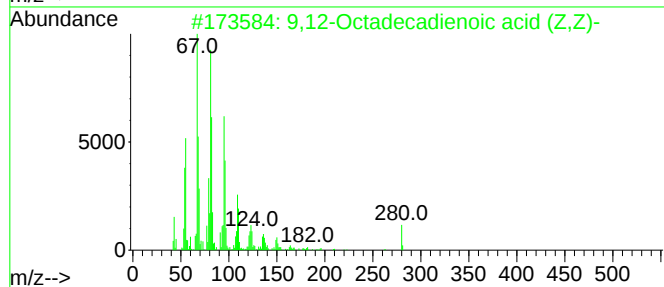
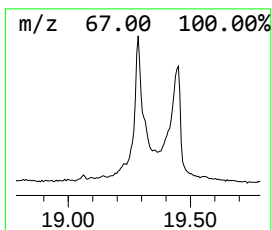
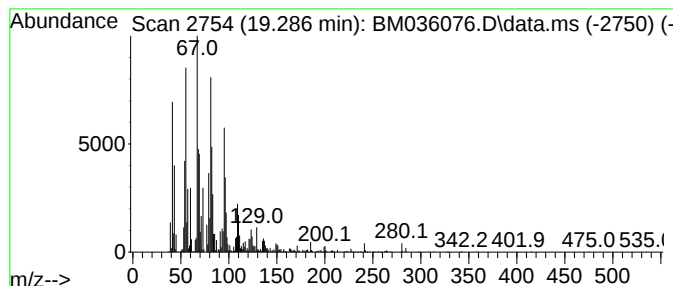
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 9,12-Octadecadienoic acid (... Concentration Rank 5

| R.T.      | EstConc                          | Area    | Relative to ISTD |          | R.T.        |      |
|-----------|----------------------------------|---------|------------------|----------|-------------|------|
| 19.286    | 15.01 ng                         | 2379280 | Phenanthrene-d10 |          | 17.245      |      |
| Hit# of 5 | Tentative ID                     |         | MW               | MolForm  | CAS#        | Qual |
| 1         | 9,12-Octadecadienoic acid (Z,Z)- |         | 280              | C18H32O2 | 000060-33-3 | 99   |
| 2         | 10E,12Z-Octadecadienoic acid     |         | 280              | C18H32O2 | 002420-56-6 | 98   |
| 3         | Linoleaidic acid                 |         | 280              | C18H32O2 | 000506-21-8 | 98   |
| 4         | (9E,11E)-Octadecadienoic acid    |         | 280              | C18H32O2 | 000544-71-8 | 96   |
| 5         | 11,14-Eicosadienoic acid         |         | 308              | C20H36O2 | 002091-39-6 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
Data File : BM036076.D  
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Operator : CG/JU  
Sample : N4016-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MH-ED

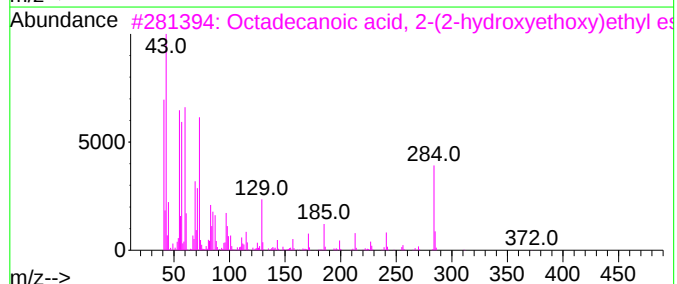
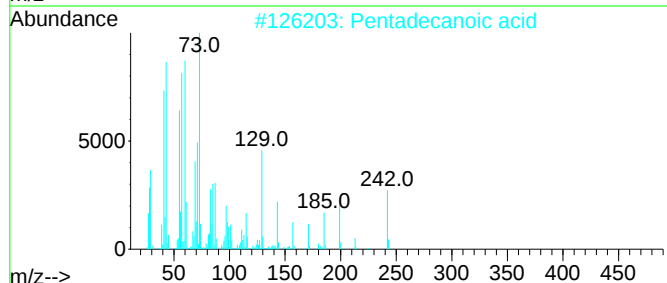
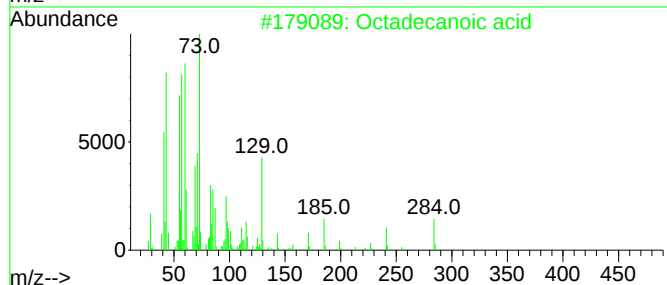
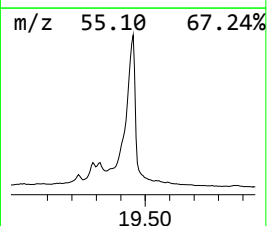
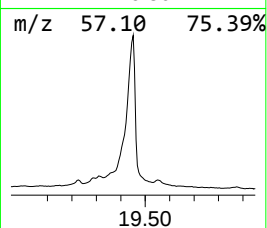
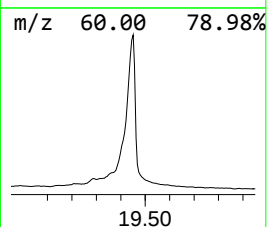
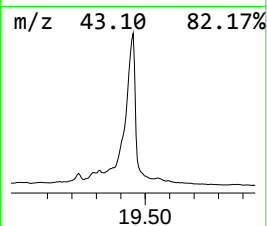
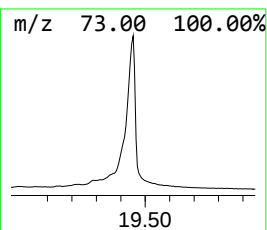
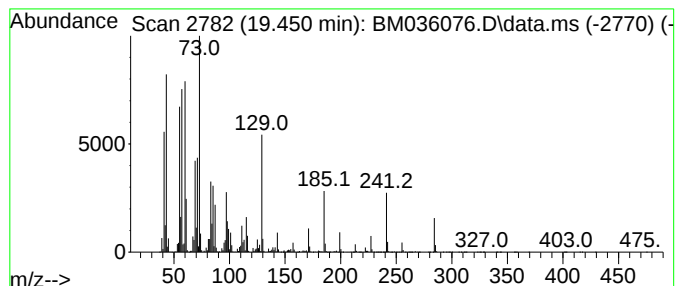
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Pentadecanoic acid Concentration Rank 1

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 19.450 | 221.62 ng | 40411500 | Chrysene-d12     | 21.421 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72   |
| 4    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 72   |
| 5    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
Data File : BM036076.D  
Acq On : 03 Aug 2022 13:54  
Operator : CG/JU  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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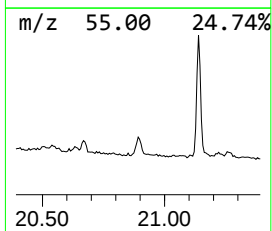
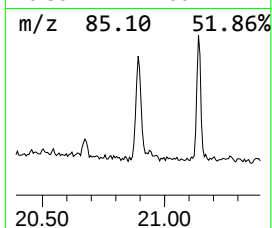
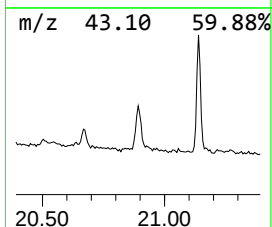
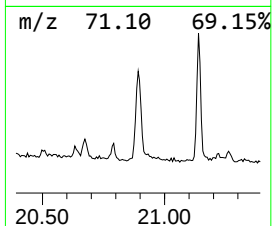
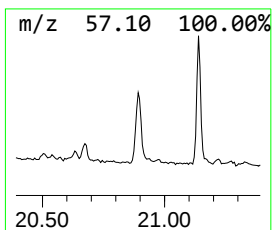
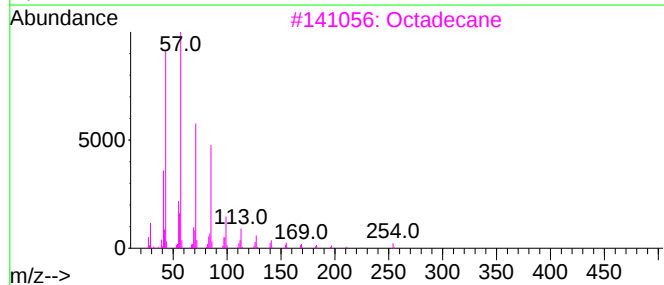
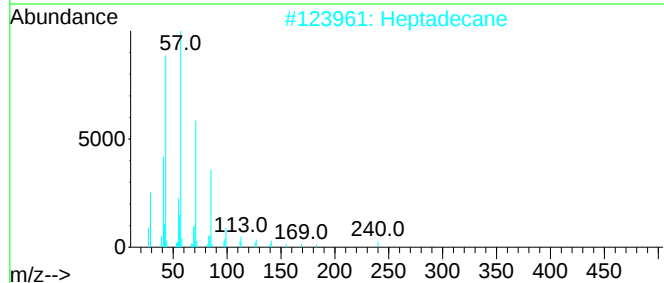
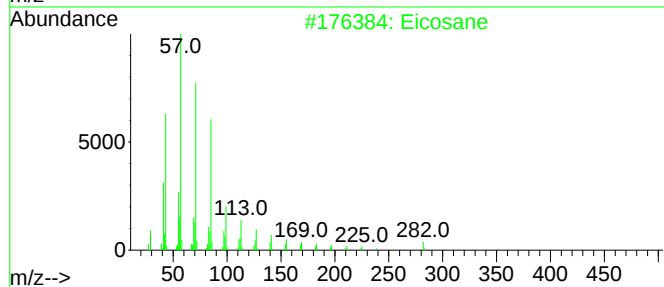
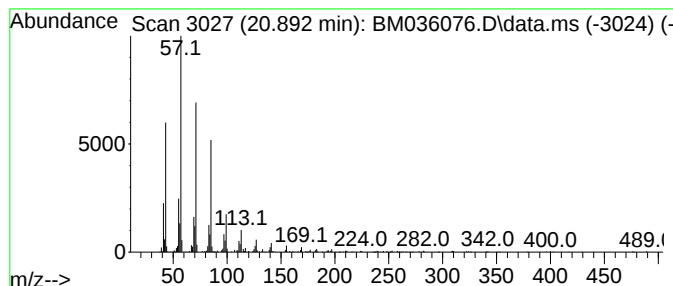
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Eicosane Concentration Rank 12

| R.T.      | EstConc      | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------|--------|------------------|-------------|------|
| 20.892    | 2.52 ng      | 459519 | Chrysene-d12     | 21.421      |      |
| Hit# of 5 | Tentative ID | MW     | MolForm          | CAS#        | Qual |
| 1         | Eicosane     | 282    | C20H42           | 000112-95-8 | 98   |
| 2         | Heptadecane  | 240    | C17H36           | 000629-78-7 | 94   |
| 3         | Octadecane   | 254    | C18H38           | 000593-45-3 | 91   |
| 4         | Heneicosane  | 296    | C21H44           | 000629-94-7 | 91   |
| 5         | Octacosane   | 394    | C28H58           | 000630-02-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
Data File : BM036076.D  
Acq On : 03 Aug 2022 13:54  
Operator : CG/JU  
Sample : N4016-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MH-ED

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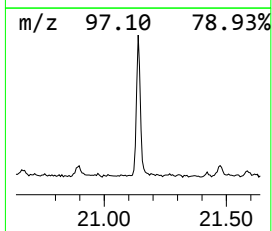
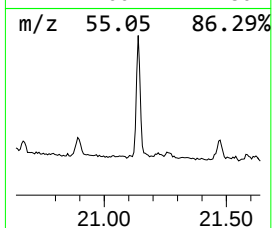
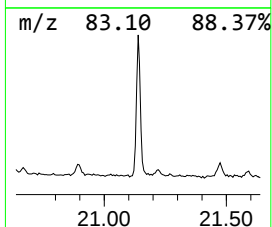
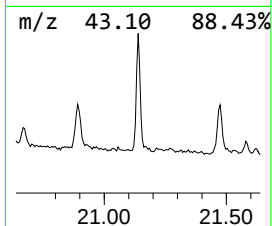
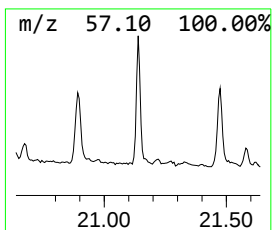
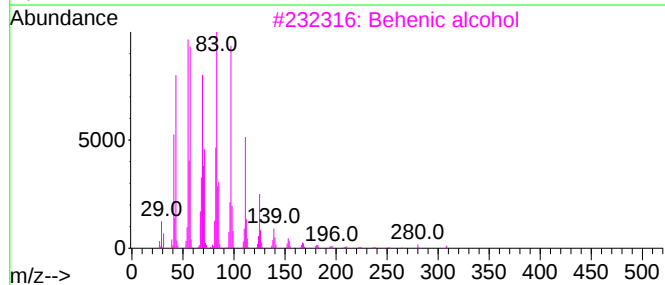
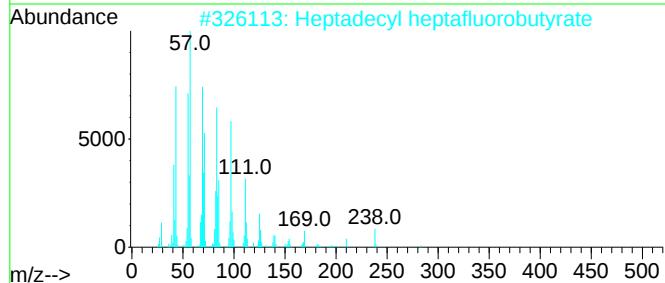
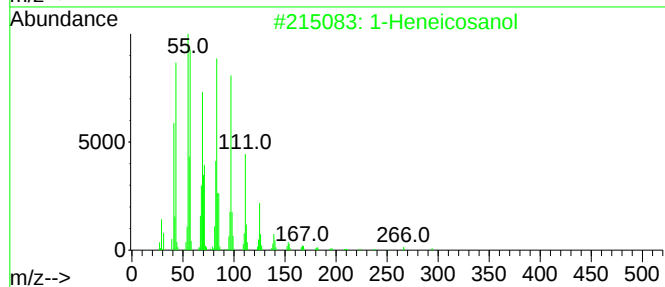
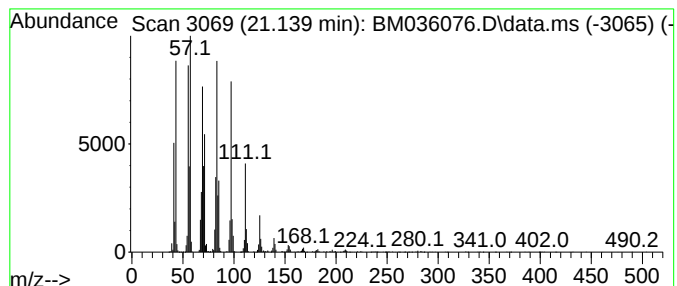
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 1-Heneicosanol Concentration Rank 7

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 21.139 | 8.96 ng | 1633950 | Chrysene-d12     | 21.421 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm    | CAS#        | Qual |
|------|------|--------------------------------|-----|------------|-------------|------|
| 1    |      | 1-Heneicosanol                 | 312 | C21H44O    | 015594-90-8 | 95   |
| 2    |      | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94   |
| 3    |      | Behenic alcohol                | 326 | C22H46O    | 000661-19-8 | 94   |
| 4    |      | n-Tetracosanol-1               | 354 | C24H50O    | 000506-51-4 | 93   |
| 5    |      | 1-Hexacosanol                  | 382 | C26H54O    | 000506-52-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
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Operator : CG/JU  
Sample : N4016-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

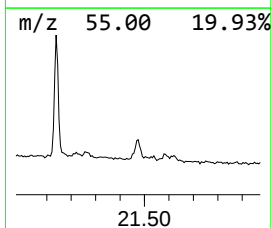
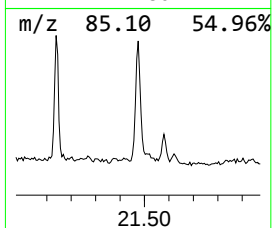
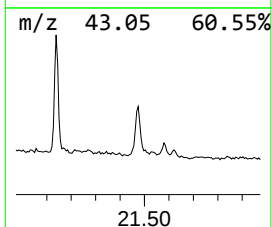
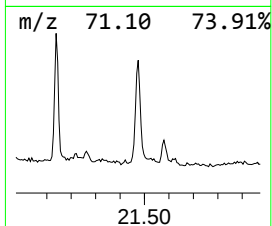
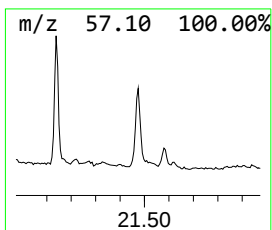
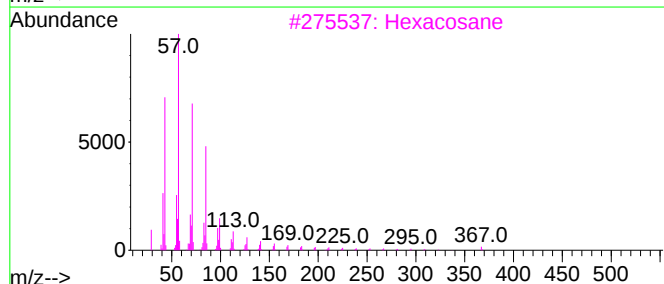
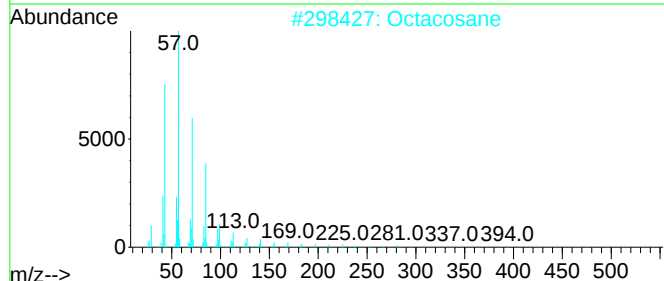
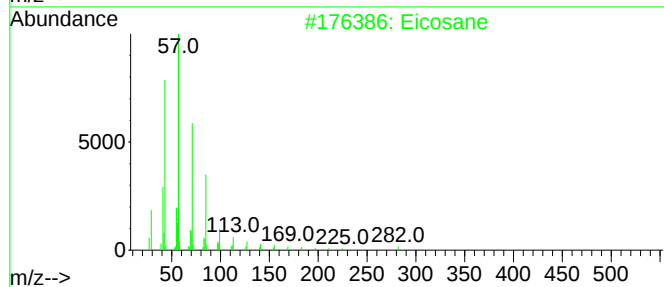
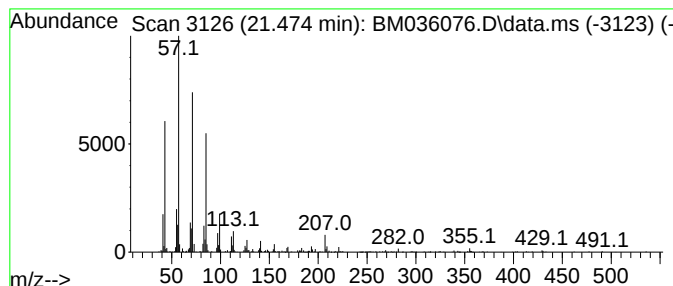
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ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Octacosane Concentration Rank 10

| R.T.      | EstConc            | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|--------------------|--------|------------------|----------|-------------|------|
| 21.474    | 3.17 ng            | 577894 | Chrysene-d12     |          | 21.421      |      |
| Hit# of 5 | Tentative ID       |        | MW               | MolForm  | CAS#        | Qual |
| 1         | Eicosane           |        | 282              | C20H42   | 000112-95-8 | 90   |
| 2         | Octacosane         |        | 394              | C28H58   | 000630-02-4 | 87   |
| 3         | Hexacosane         |        | 366              | C26H54   | 000630-01-3 | 87   |
| 4         | Hexadecane         |        | 226              | C16H34   | 000544-76-3 | 86   |
| 5         | 2-Bromotetradecane |        | 276              | C14H29Br | 074036-95-6 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
Data File : BM036076.D  
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Sample : N4016-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MH-ED

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

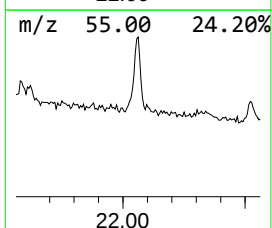
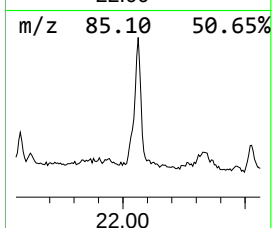
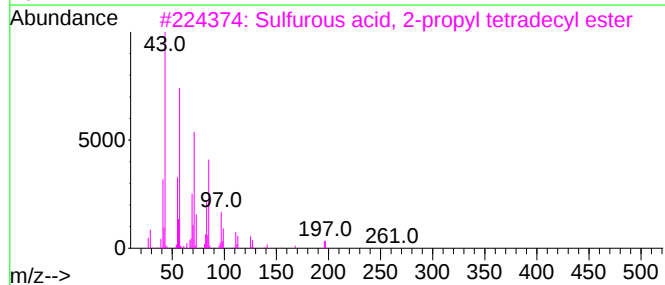
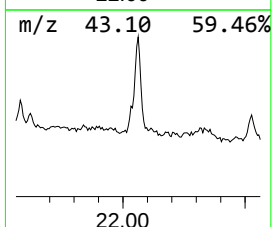
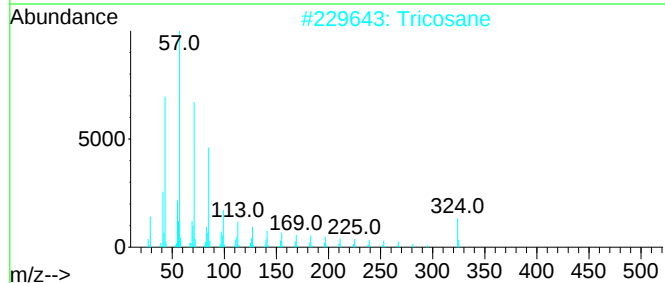
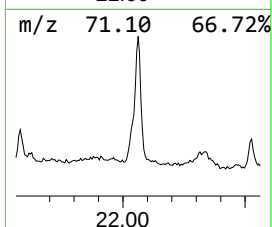
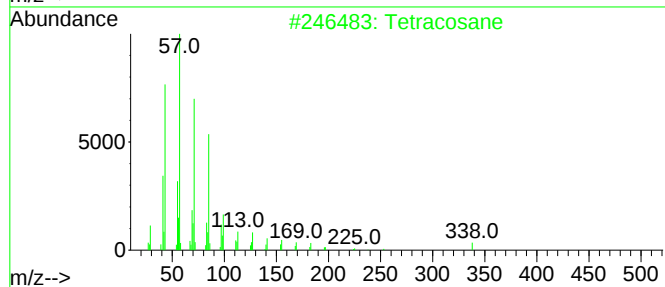
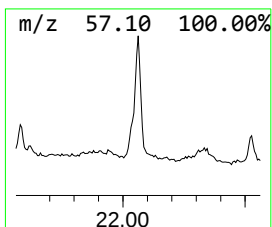
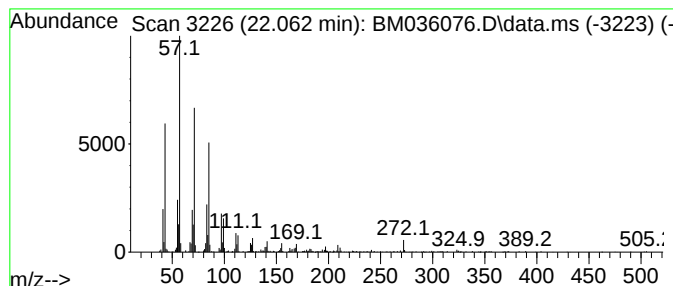
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Tetracosane Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 22.062 | 3.94 ng | 719315 | Chrysene-d12     | 21.421 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tetracosane                          | 338 | C24H50    | 000646-31-1  | 96   |
| 2    |    |   | Tricosane                            | 324 | C23H48    | 000638-67-5  | 90   |
| 3    |    |   | Sulfurous acid, 2-propyl tetradec... | 320 | C17H36O3S | 1010309-12-5 | 87   |
| 4    |    |   | Tetratetracontane                    | 619 | C44H90    | 007098-22-8  | 87   |
| 5    |    |   | Heptacosane, 1-chloro-               | 414 | C27H55Cl  | 062016-79-9  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
Data File : BM036076.D  
Acq On : 03 Aug 2022 13:54  
Operator : CG/JU  
Sample : N4016-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MH-ED

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 13.521 | 49.8    | ng    | 6457050  | 3                     | 14.504 | 2591160 | 20.0 |
| Dodecanoic acid    | 14.939 | 10.3    | ng    | 1329820  | 3                     | 14.504 | 2591160 | 20.0 |
| Octadecanoic acid  | 16.415 | 84.1    | ng    | 13331900 | 4                     | 17.245 | 3170670 | 20.0 |
| Tetradecanoic acid | 18.168 | 193.1   | ng    | 30615200 | 4                     | 17.245 | 3170670 | 20.0 |
| trans-Sinapalde... | 18.421 | 2.7     | ng    | 434562   | 4                     | 17.245 | 3170670 | 20.0 |
| Methyl stearate    | 19.227 | 4.7     | ng    | 741246   | 4                     | 17.245 | 3170670 | 20.0 |
| 9,12-Octadecadi... | 19.286 | 15.0    | ng    | 2379280  | 4                     | 17.245 | 3170670 | 20.0 |
| Pentadecanoic acid | 19.450 | 221.6   | ng    | 40411500 | 5                     | 21.421 | 3646970 | 20.0 |
| Eicosane           | 20.892 | 2.5     | ng    | 459519   | 5                     | 21.421 | 3646970 | 20.0 |
| 1-Heneicosanol     | 21.139 | 9.0     | ng    | 1633950  | 5                     | 21.421 | 3646970 | 20.0 |
| Octacosane         | 21.474 | 3.2     | ng    | 577894   | 5                     | 21.421 | 3646970 | 20.0 |
| Tetracosane        | 22.062 | 3.9     | ng    | 719315   | 5                     | 21.421 | 3646970 | 20.0 |