

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040725\  
 Data File : BM049838.D  
 Acq On : 07 Apr 2025 14:04  
 Operator : RC/JU  
 Sample : Q1675-18  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 K1P

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-BM031325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049838.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         | 5.369       | 398           | 405         | 412          | rBV      | 4491091        | 6304518       | 10.78%          | 3.363%        |
| 2         | 6.957       | 664           | 675         | 691          | rVB      | 4126379        | 6491479       | 11.09%          | 3.462%        |
| 3         | 7.781       | 808           | 815         | 822          | rBV      | 1238314        | 1924912       | 3.29%           | 1.027%        |
| 4         | 8.939       | 1005          | 1012        | 1020         | rVB      | 2435496        | 3917634       | 6.70%           | 2.090%        |
| 5         | 10.580      | 1282          | 1291        | 1298         | rBV      | 1449831        | 2496207       | 4.27%           | 1.331%        |
| 6         | 13.045      | 1703          | 1710        | 1717         | rBV      | 6679530        | 9402726       | 16.07%          | 5.015%        |
| 7         | 14.427      | 1935          | 1945        | 1954         | rBV      | 2233533        | 3589069       | 6.13%           | 1.914%        |
| 8         | 15.786      | 2171          | 2176        | 2182         | rVB      | 1804375        | 2432721       | 4.16%           | 1.298%        |
| 9         | 15.915      | 2192          | 2198        | 2205         | rBV      | 6299652        | 8744880       | 14.95%          | 4.664%        |
| 10        | 17.168      | 2406          | 2411        | 2417         | rBV      | 2673052        | 3458966       | 5.91%           | 1.845%        |
| 11        | 17.845      | 2523          | 2526        | 2532         | rVB      | 490532         | 620460        | 1.06%           | 0.331%        |
| 12        | 18.104      | 2559          | 2570        | 2605         | rVB      | 21037804       | 52055094      | 88.97%          | 27.765%       |
| 13        | 19.156      | 2745          | 2749        | 2753         | rBV      | 1312851        | 1609683       | 2.75%           | 0.859%        |
| 14        | 19.209      | 2755          | 2758        | 2759         | rVV2     | 608762         | 692093        | 1.18%           | 0.369%        |
| 15        | 19.233      | 2760          | 2762        | 2771         | rVB2     | 1077403        | 1810385       | 3.09%           | 0.966%        |
| 16        | 19.380      | 2777          | 2787        | 2816         | rVB      | 25369166       | 58509933      | 100.00%         | 31.208%       |
| 17        | 19.798      | 2853          | 2858        | 2864         | rVB      | 10193934       | 12855072      | 21.97%          | 6.857%        |
| 18        | 21.092      | 3075          | 3078        | 3092         | rVB2     | 715164         | 1125181       | 1.92%           | 0.600%        |
| 19        | 21.315      | 3112          | 3116        | 3121         | rVB      | 1497648        | 1775730       | 3.03%           | 0.947%        |
| 20        | 21.403      | 3127          | 3131        | 3137         | rVB      | 2595879        | 3557355       | 6.08%           | 1.897%        |
| 21        | 24.409      | 3636          | 3642        | 3655         | rVB      | 1618711        | 4107401       | 7.02%           | 2.191%        |

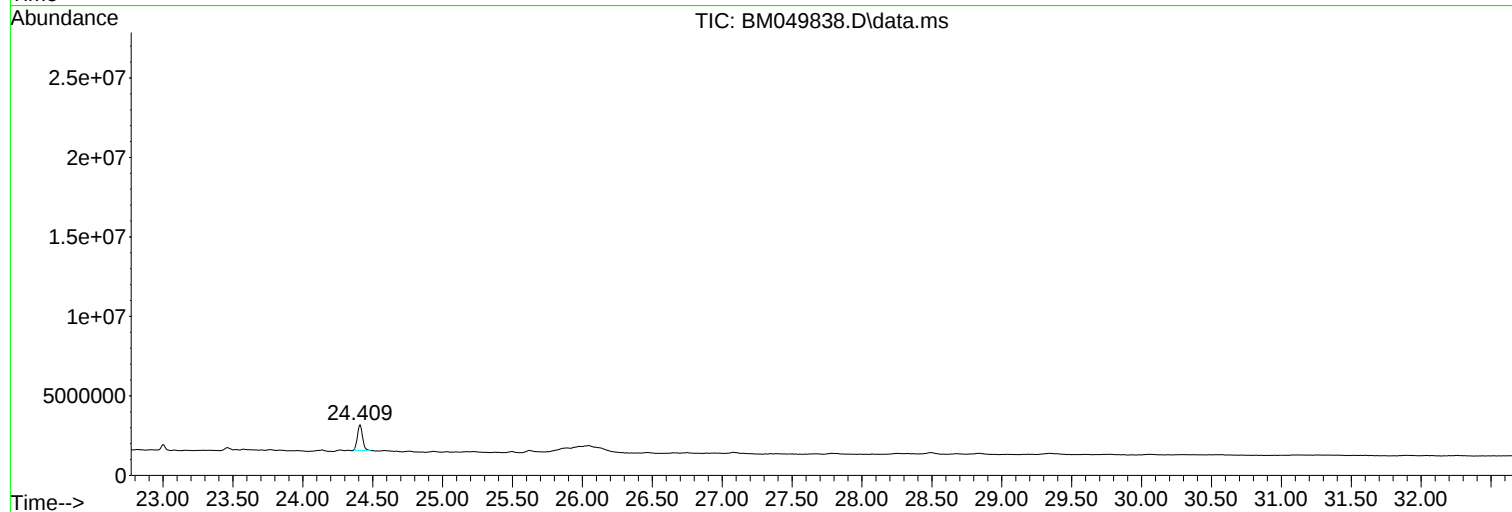
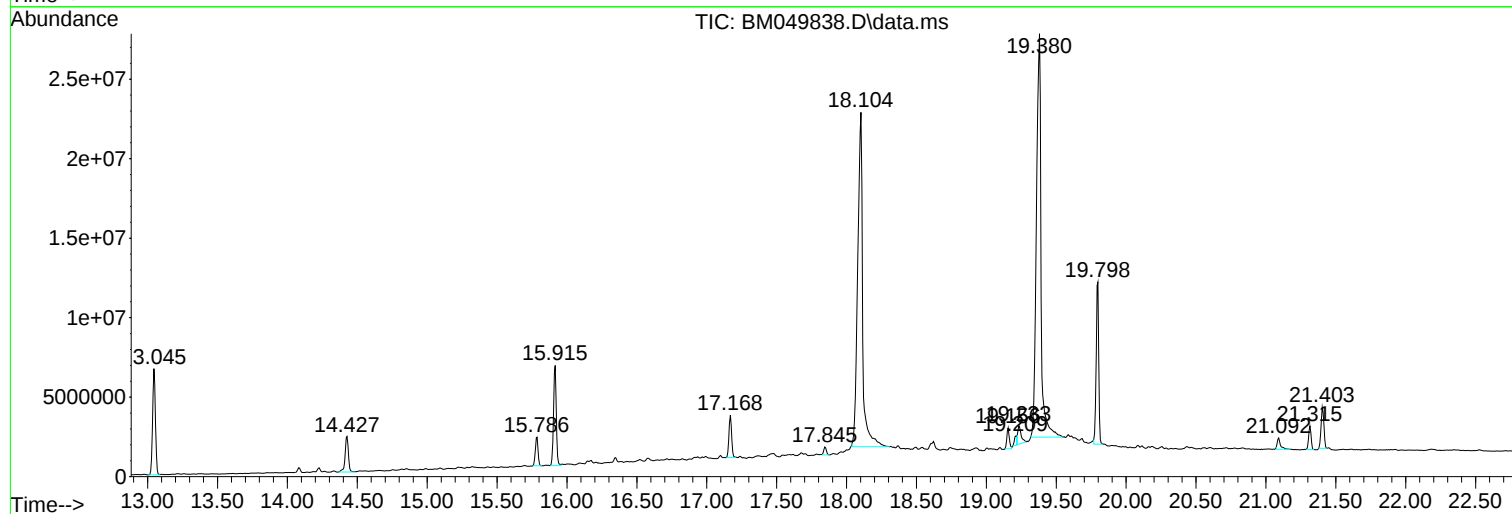
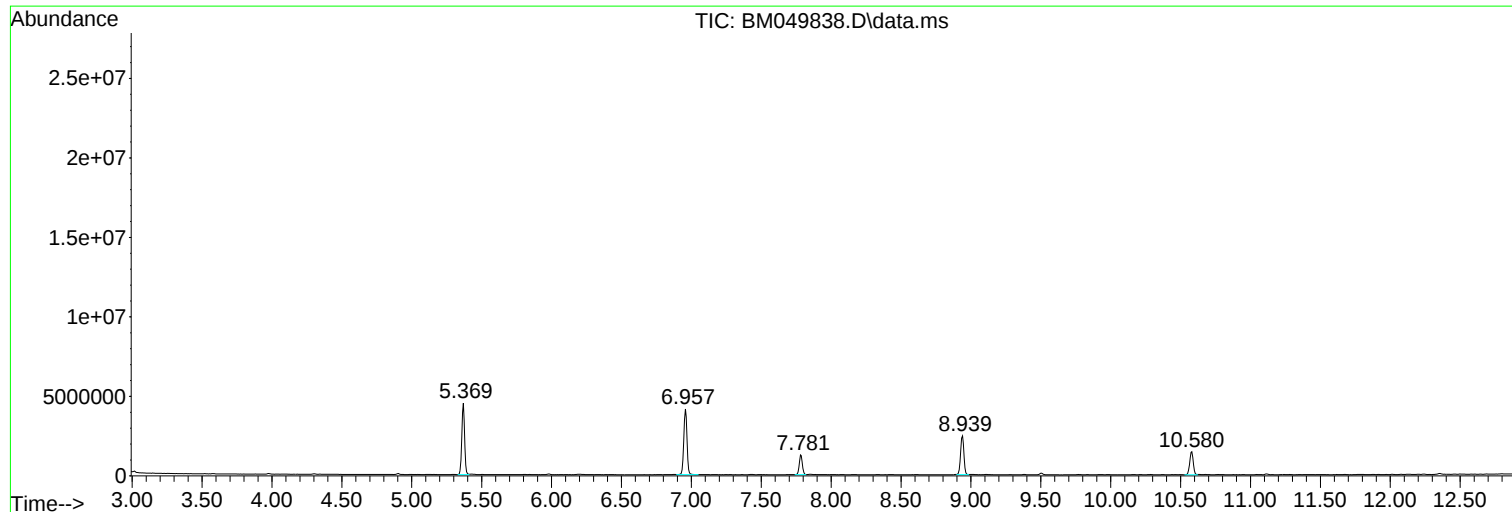
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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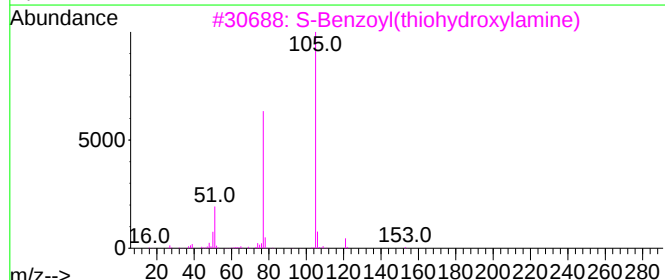
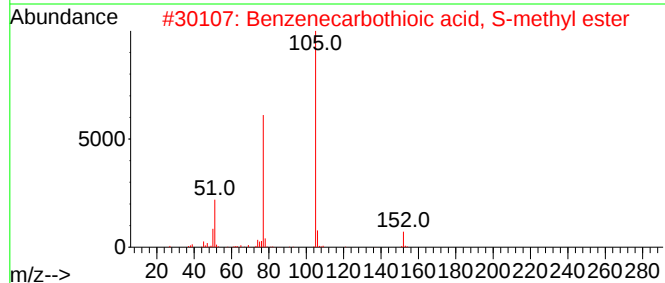
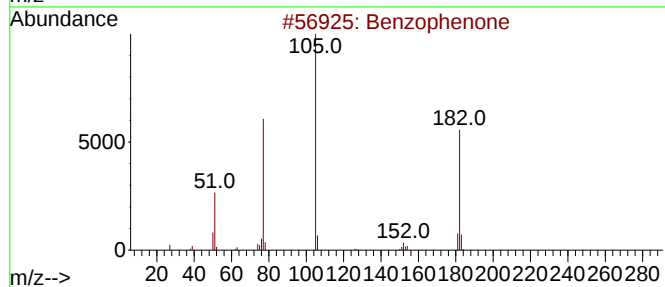
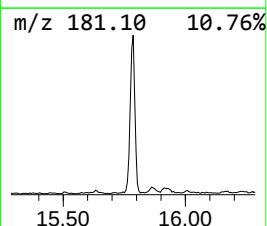
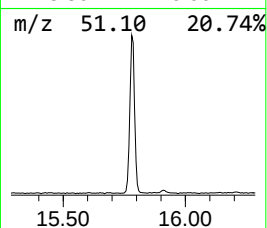
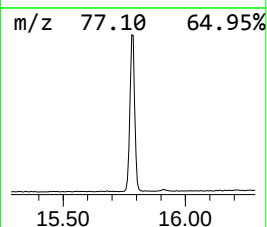
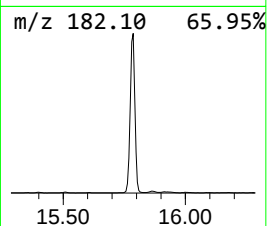
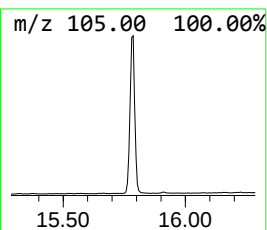
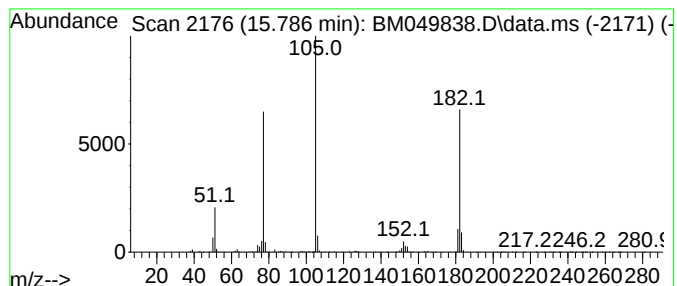
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.786 | 13.56 ng | 2432720 | Acenaphthene-d10 | 14.427 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9  | 97   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS    | 005925-68-8  | 46   |
| 3    |    |   | S-Benzoyl(thiohydroxylamine)        | 153 | C7H7NOS   | 025740-80-1  | 43   |
| 4    |    |   | 1-Propanone, 3-chloro-1-phenyl-     | 168 | C9H9ClO   | 000936-59-4  | 43   |
| 5    |    |   | Benzoic acid, 3,5-difluophenyl e... | 234 | C13H8F2O2 | 1000357-79-5 | 43   |



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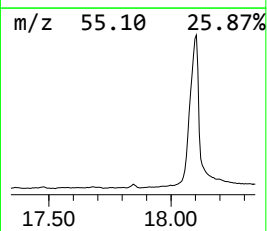
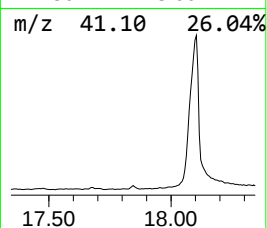
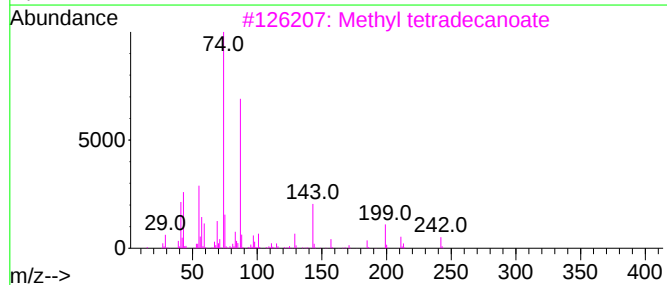
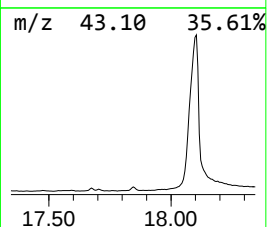
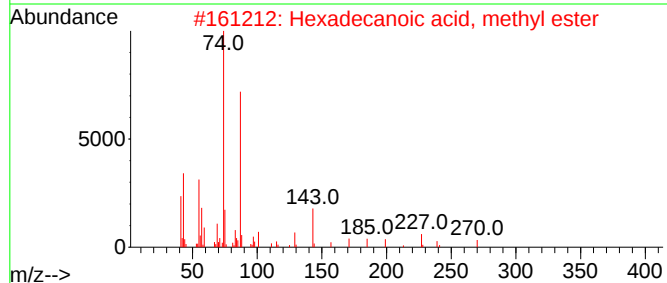
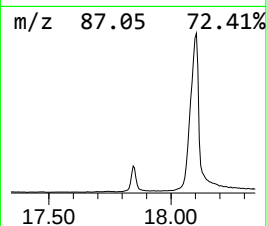
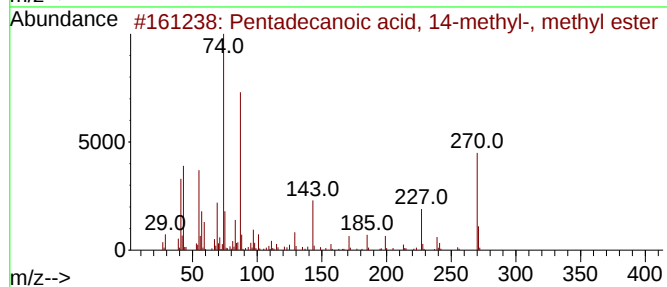
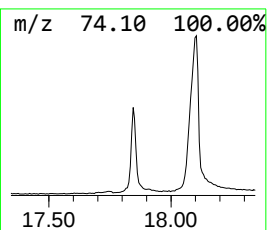
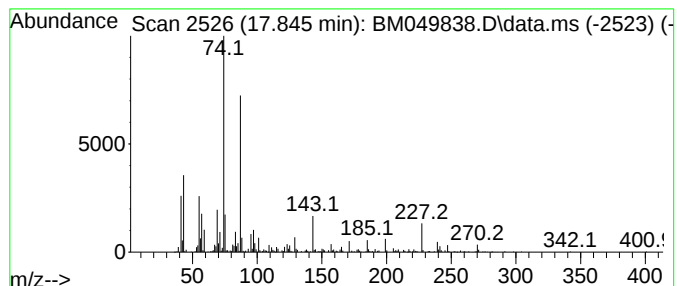
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Pentadecanoic acid, 14-meth... Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.845 | 3.59 ng | 620460 | Phenanthrene-d10 | 17.168 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 94   |
| 2    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 93   |
| 3    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 91   |
| 4    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 87   |
| 5    |    |   | Tridecanoic acid, 12-methyl-, me... | 242 | C15H30O2 | 005129-58-8 | 83   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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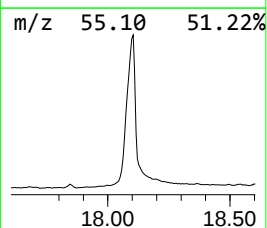
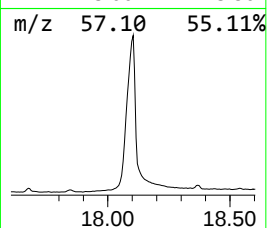
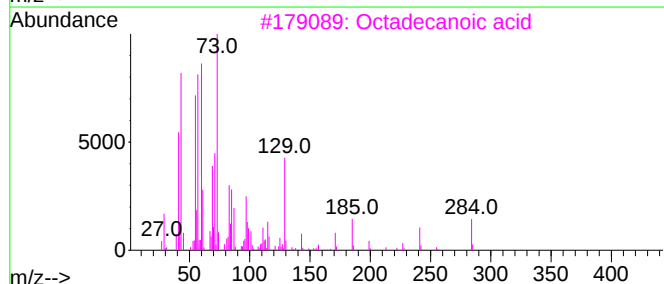
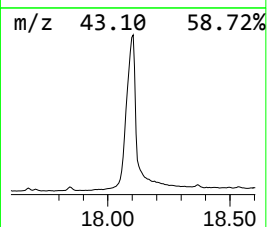
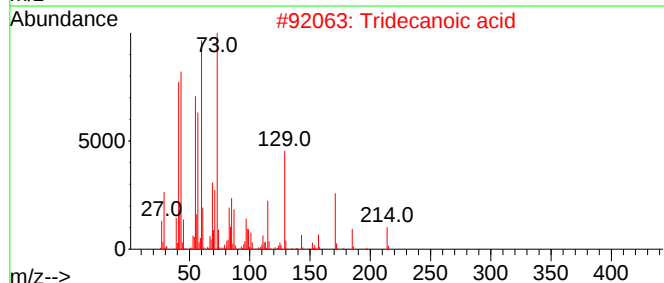
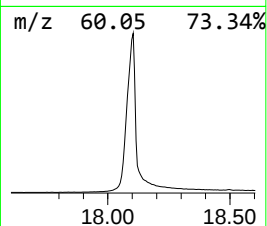
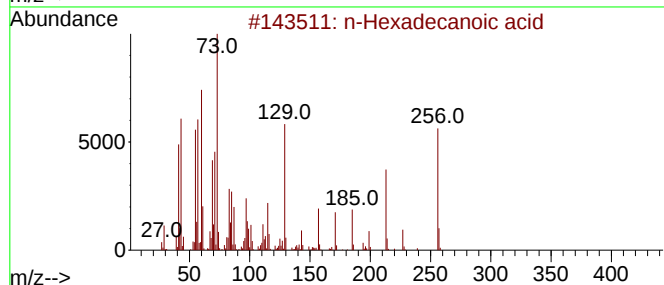
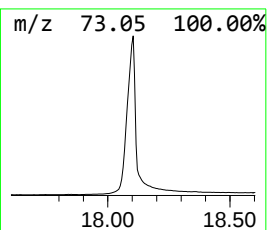
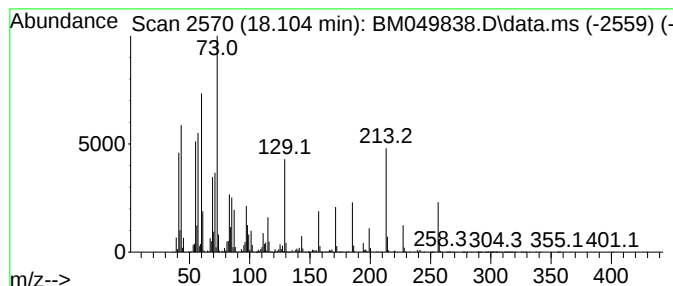
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 18.104 | 300.99 ng | 52055100 | Phenanthrene-d10 | 17.168 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 3    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 70   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 70   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 62   |



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Instrument :  
BNA\_M  
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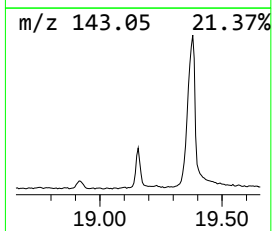
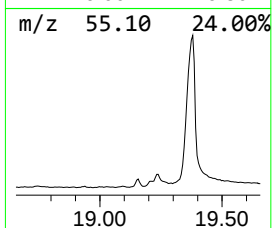
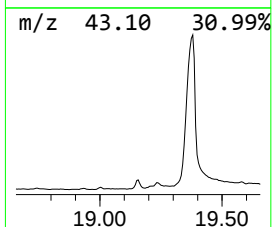
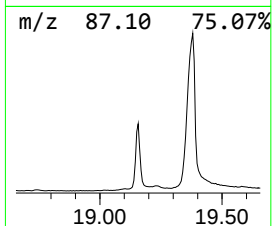
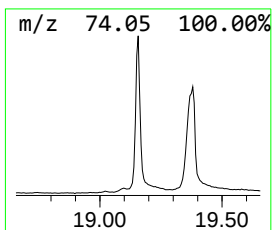
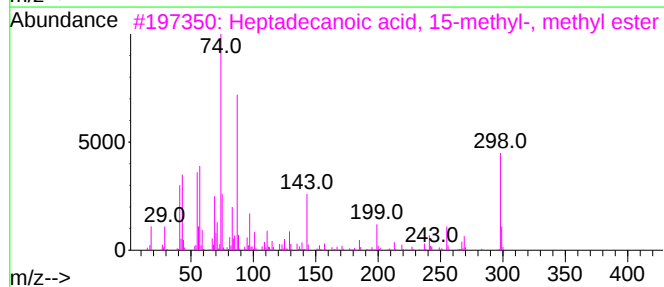
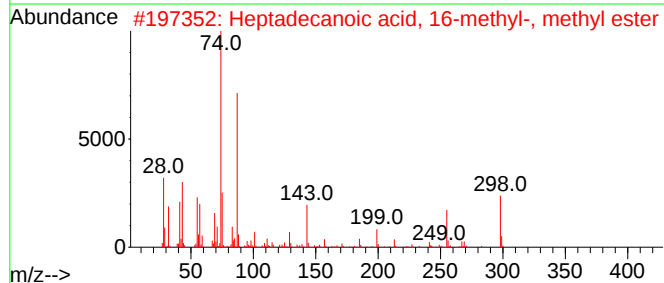
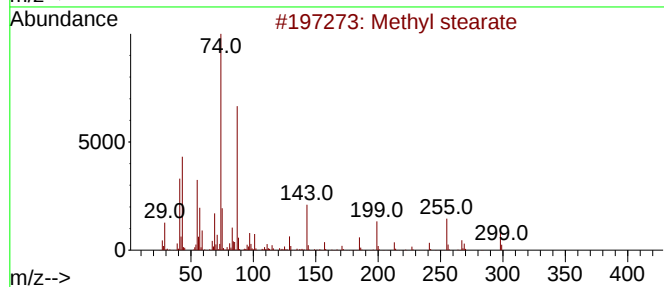
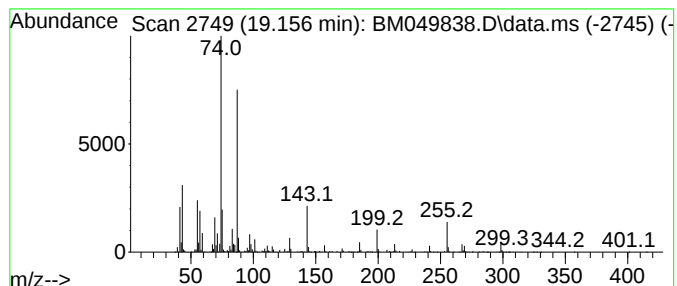
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\*\*\*\*\*  
Peak Number 4 Methyl stearate Concentration Rank 5

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 19.156 | 9.31 ng | 1609680 | Phenanthrene-d10 | 17.168 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 99   |
| 2    |    |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 93   |
| 3    |    |   | Heptadecanoic acid, 15-methyl-, ... | 298 | C19H38O2 | 054833-55-5 | 91   |
| 4    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 87   |
| 5    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 80   |



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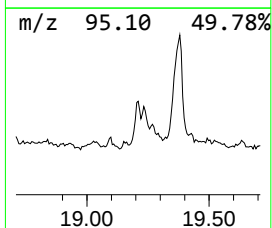
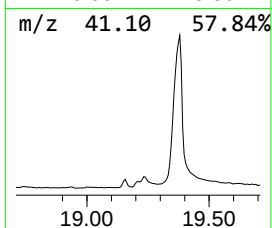
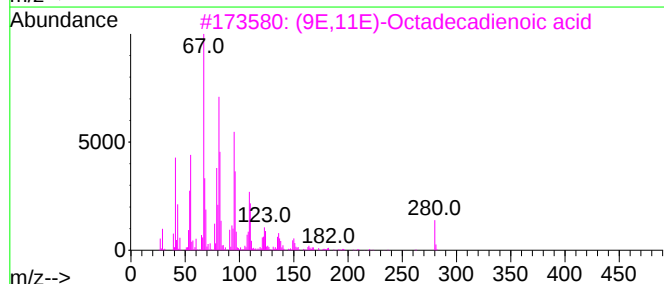
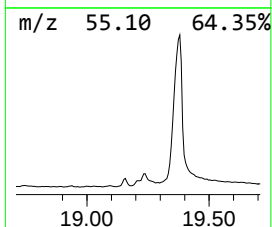
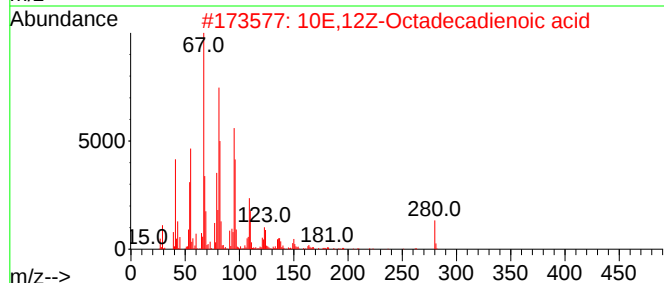
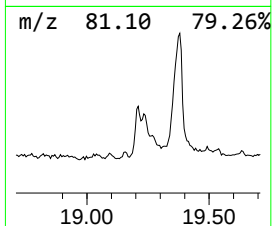
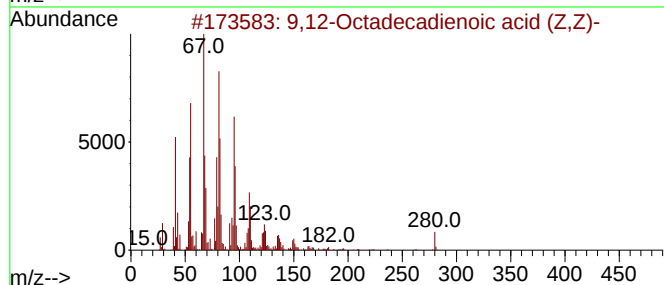
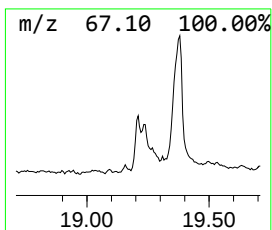
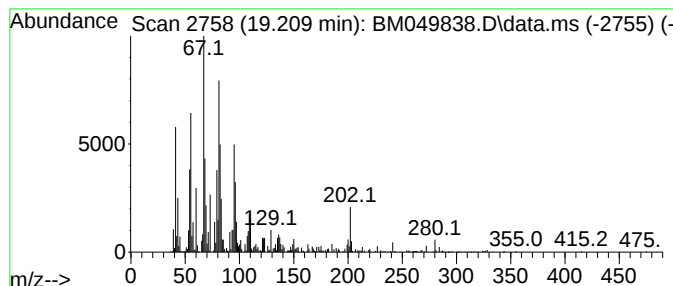
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Peak Number 5 9,12-Octadecadienoic acid (... Concentration Rank 7

| R.T.      | EstConc                          | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------------------|--------|------------------|-------------|------|
| 19.209    | 4.00 ng                          | 692093 | Phenanthrene-d10 | 17.168      |      |
| 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 | 95   |
| 3         | (9E,11E)-Octadecadienoic acid    | 280    | C18H32O2         | 000544-71-8 | 95   |
| 4         | Linoleaidic acid                 | 280    | C18H32O2         | 000506-21-8 | 94   |
| 5         | E-7-Tetradecenol                 | 212    | C14H28O          | 037011-95-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040725\  
Data File : BM049838.D  
Acq On : 07 Apr 2025 14:04  
Operator : RC/JU  
Sample : Q1675-18  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

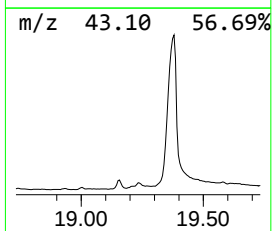
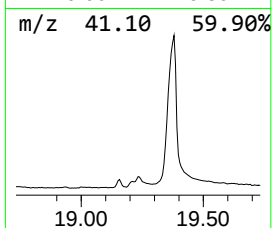
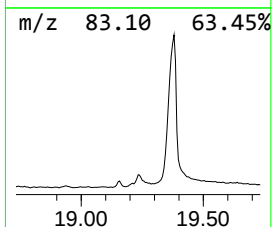
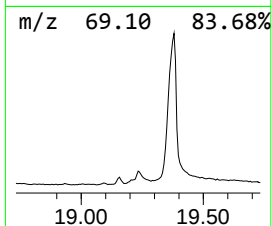
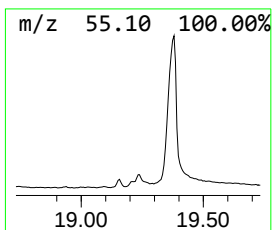
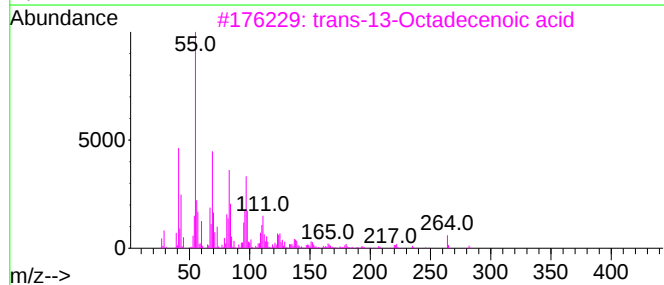
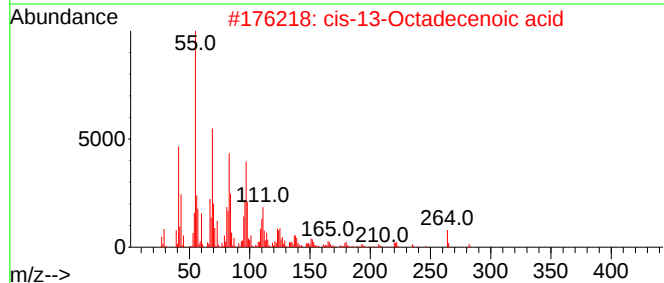
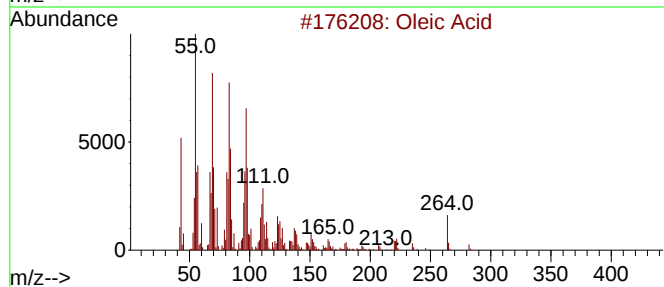
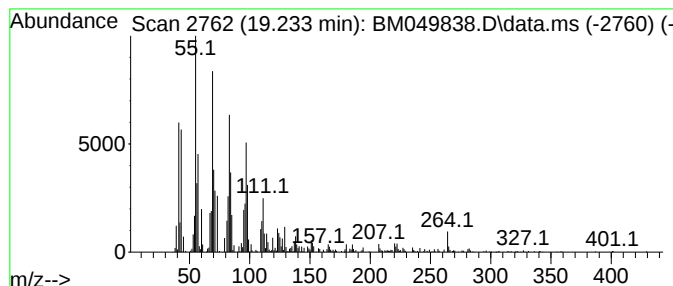
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BNA\_M  
ClientSampleId :  
K1P

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.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 6 Oleic Acid Concentration Rank 4

| R.T.      | EstConc                    | Area    | Relative to ISTD |          | R.T.         |      |
|-----------|----------------------------|---------|------------------|----------|--------------|------|
| 19.233    | 10.47 ng                   | 1810390 | Phenanthrene-d10 |          | 17.168       |      |
| Hit# of 5 | Tentative ID               |         | MW               | MolForm  | CAS#         | Qual |
| 1         | Oleic Acid                 |         | 282              | C18H34O2 | 000112-80-1  | 98   |
| 2         | cis-13-Octadecenoic acid   |         | 282              | C18H34O2 | 013126-39-1  | 93   |
| 3         | trans-13-Octadecenoic acid |         | 282              | C18H34O2 | 000693-71-0  | 93   |
| 4         | 9-Octadecenoic acid        |         | 282              | C18H34O2 | 002027-47-6  | 91   |
| 5         | 6-Octadecenoic acid        |         | 282              | C18H34O2 | 1000336-66-8 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040725\  
Data File : BM049838.D  
Acq On : 07 Apr 2025 14:04  
Operator : RC/JU  
Sample : Q1675-18  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
K1P

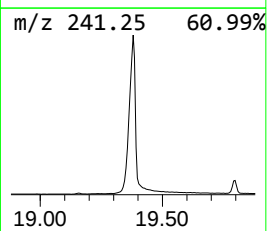
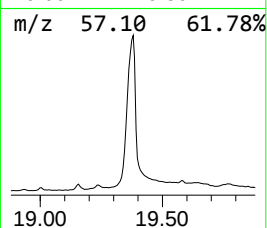
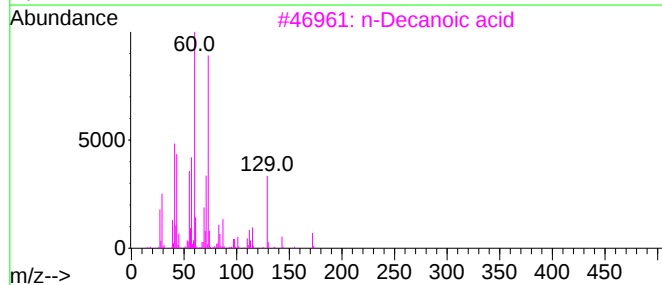
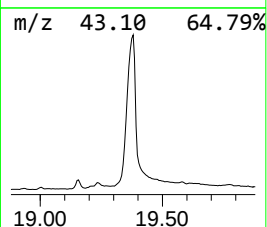
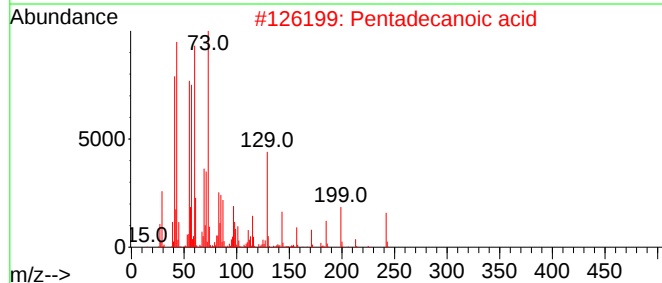
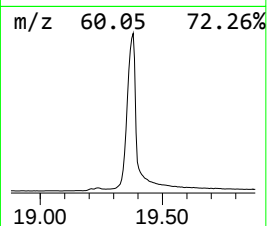
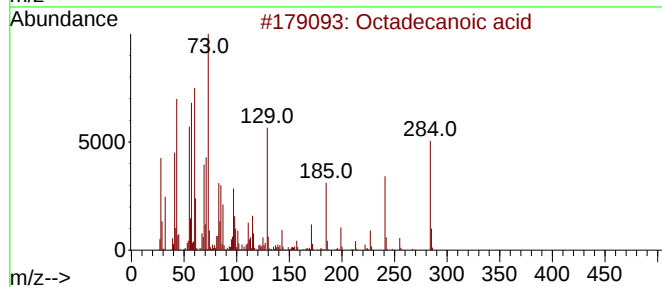
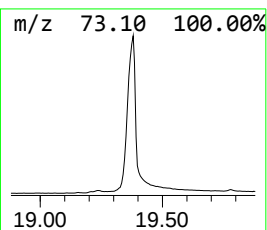
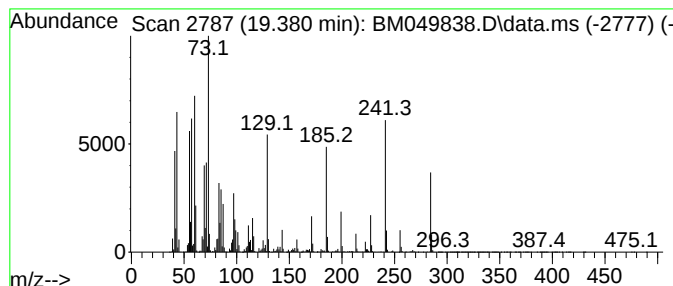
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Octadecanoic acid Concentration Rank 1

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 19.380 | 328.95 ng | 58509900 | Chrysene-d12     | 21.403 |

| 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 | 78   |
| 3    |    |   | n-Decanoic acid    | 172 | C10H20O2 | 000334-48-5 | 70   |
| 4    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 47   |
| 5    |    |   | Undecanoic acid    | 186 | C11H22O2 | 000112-37-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040725\  
Data File : BM049838.D  
Acq On : 07 Apr 2025 14:04  
Operator : RC/JU  
Sample : Q1675-18  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
K1P

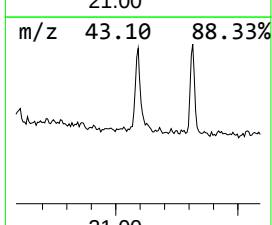
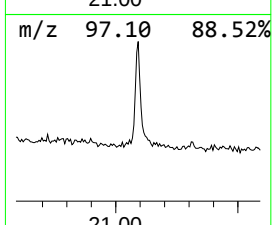
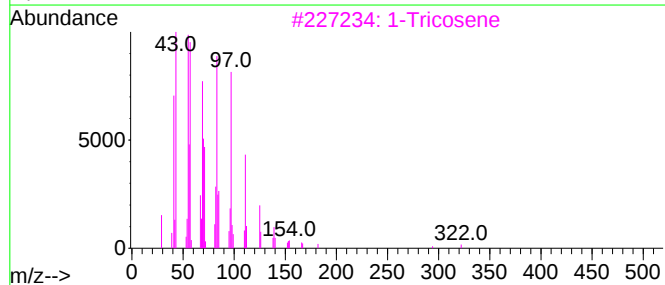
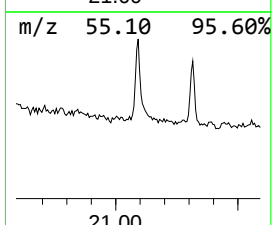
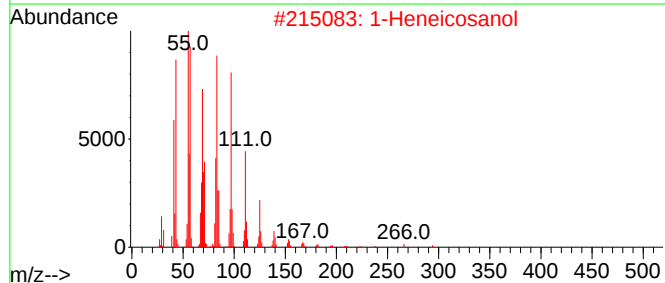
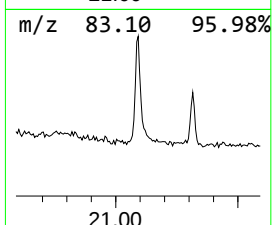
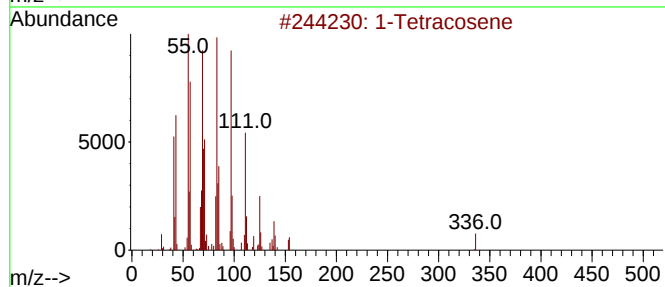
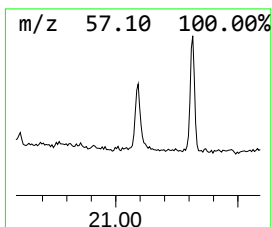
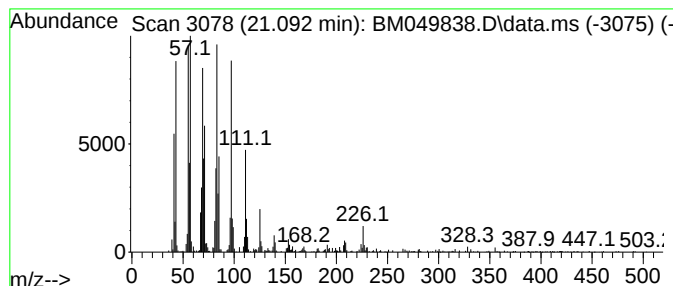
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 1-Tetracosene Concentration Rank 6

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 21.092    | 6.33 ng                             | 1125180 | Chrysene-d12     | 21.403       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | 1-Tetracosene                       | 336     | C24H48           | 010192-32-2  | 94   |
| 2         | 1-Heneicosanol                      | 312     | C21H44O          | 015594-90-8  | 93   |
| 3         | 1-Tricosene                         | 322     | C23H46           | 018835-32-0  | 93   |
| 4         | 1-Hexacosene                        | 364     | C26H52           | 018835-33-1  | 93   |
| 5         | Pentadecafluorooctanoic acid, oc... | 666     | C26H37F15O2      | 1000406-04-8 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040725\  
Data File : BM049838.D  
Acq On : 07 Apr 2025 14:04  
Operator : RC/JU  
Sample : Q1675-18  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
K1P

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.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 |
| Benzophenone       | 15.786 | 13.6    | ng    | 2432720  | 3                     | 14.427 | 3589070 | 20.0 |
| Pentadecanoic a... | 17.845 | 3.6     | ng    | 620460   | 4                     | 17.168 | 3458970 | 20.0 |
| n-Hexadecanoic ... | 18.104 | 301.0   | ng    | 52055100 | 4                     | 17.168 | 3458970 | 20.0 |
| Methyl stearate    | 19.156 | 9.3     | ng    | 1609680  | 4                     | 17.168 | 3458970 | 20.0 |
| 9,12-Octadecadi... | 19.209 | 4.0     | ng    | 692093   | 4                     | 17.168 | 3458970 | 20.0 |
| Oleic Acid         | 19.233 | 10.5    | ng    | 1810390  | 4                     | 17.168 | 3458970 | 20.0 |
| Octadecanoic acid  | 19.380 | 328.9   | ng    | 58509900 | 5                     | 21.403 | 3557360 | 20.0 |
| 1-Tetracosene      | 21.092 | 6.3     | ng    | 1125180  | 5                     | 21.403 | 3557360 | 20.0 |