

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
 Data File : BF137501.D  
 Acq On : 05 Mar 2024 15:30  
 Operator : CG\JU  
 Sample : P1672-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-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\_F\Methods\8270-BF022924.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137501.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         | 2.234       | 21            | 25          | 40           | rVB      | 43203          | 82196         | 2.08%           | 0.204%        |
| 2         | 5.104       | 510           | 513         | 522          | rBV      | 38038          | 53565         | 1.36%           | 0.133%        |
| 3         | 5.504       | 577           | 581         | 601          | rBV      | 3529606        | 3486044       | 88.41%          | 8.651%        |
| 4         | 6.492       | 745           | 749         | 768          | rBV      | 3561862        | 3627132       | 91.99%          | 9.001%        |
| 5         | 6.698       | 781           | 784         | 796          | rVB      | 25427          | 48514         | 1.23%           | 0.120%        |
| 6         | 6.857       | 807           | 811         | 821          | rBV      | 1058307        | 1010220       | 25.62%          | 2.507%        |
| 7         | 7.410       | 902           | 905         | 918          | rBV      | 2238659        | 2163197       | 54.86%          | 5.368%        |
| 8         | 8.128       | 1024          | 1027        | 1032         | rBV      | 1621250        | 1283506       | 32.55%          | 3.185%        |
| 9         | 8.451       | 1078          | 1082        | 1090         | rBV      | 97967          | 133210        | 3.38%           | 0.331%        |
| 10        | 9.210       | 1207          | 1211        | 1214         | rBV      | 3982451        | 3712010       | 94.14%          | 9.211%        |
| 11        | 9.886       | 1320          | 1326        | 1338         | rBV      | 1832516        | 1553660       | 39.40%          | 3.855%        |
| 12        | 9.992       | 1339          | 1344        | 1354         | rBV      | 1360475        | 1946020       | 49.35%          | 4.829%        |
| 13        | 10.680      | 1457          | 1461        | 1476         | rBV      | 1854569        | 1790938       | 45.42%          | 4.444%        |
| 14        | 10.798      | 1478          | 1481        | 1485         | rVV      | 51036          | 65470         | 1.66%           | 0.162%        |
| 15        | 10.839      | 1485          | 1488        | 1494         | rVB2     | 51291          | 68936         | 1.75%           | 0.171%        |
| 16        | 11.380      | 1576          | 1580        | 1588         | rBV      | 1690985        | 1428508       | 36.23%          | 3.545%        |
| 17        | 11.786      | 1645          | 1649        | 1652         | rBV      | 115843         | 139530        | 3.54%           | 0.346%        |
| 18        | 11.927      | 1665          | 1673        | 1695         | rVB      | 2370187        | 3943131       | 100.00%         | 9.785%        |
| 19        | 12.580      | 1781          | 1784        | 1788         | rBV      | 196356         | 192185        | 4.87%           | 0.477%        |
| 20        | 12.651      | 1788          | 1796        | 1799         | rBV7     | 125397         | 367409        | 9.32%           | 0.912%        |
| 21        | 12.722      | 1803          | 1808        | 1821         | rVV      | 2573245        | 3905902       | 99.06%          | 9.692%        |
| 22        | 12.810      | 1821          | 1823        | 1829         | rVB2     | 116047         | 152403        | 3.87%           | 0.378%        |
| 23        | 12.886      | 1834          | 1836        | 1842         | rVB2     | 105753         | 112242        | 2.85%           | 0.279%        |
| 24        | 12.986      | 1849          | 1853        | 1856         | rBV      | 3858834        | 3468600       | 87.97%          | 8.607%        |
| 25        | 13.221      | 1890          | 1893        | 1900         | rVB      | 155820         | 162242        | 4.11%           | 0.403%        |
| 26        | 13.427      | 1925          | 1928        | 1931         | rBV      | 53432          | 74340         | 1.89%           | 0.184%        |
| 27        | 13.474      | 1931          | 1936        | 1942         | rVB3     | 68464          | 133781        | 3.39%           | 0.332%        |
| 28        | 13.569      | 1947          | 1952        | 1955         | rVV2     | 301685         | 373080        | 9.46%           | 0.926%        |
| 29        | 13.592      | 1955          | 1956        | 1962         | rVB3     | 63675          | 47318         | 1.20%           | 0.117%        |
| 30        | 13.904      | 2005          | 2009        | 2019         | rBV      | 478260         | 604501        | 15.33%          | 1.500%        |
| 31        | 13.992      | 2020          | 2024        | 2028         | rBV2     | 72385          | 94890         | 2.41%           | 0.235%        |
| 32        | 14.039      | 2029          | 2032        | 2038         | rBV      | 959369         | 948433        | 24.05%          | 2.354%        |
| 33        | 14.221      | 2059          | 2063        | 2067         | rBV      | 466690         | 432980        | 10.98%          | 1.074%        |
| 34        | 14.474      | 2103          | 2106        | 2111         | rVB      | 103089         | 120245        | 3.05%           | 0.298%        |
| 35        | 14.533      | 2112          | 2116        | 2120         | rVB      | 414732         | 402751        | 10.21%          | 0.999%        |
| 36        | 14.857      | 2167          | 2171        | 2178         | rVB      | 292639         | 310393        | 7.87%           | 0.770%        |

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Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-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\_F\Methods\8270-BF022924.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 14.939 | 2181 | 2185 | 2192 | rVB3 | 188242 | 286831 | 7.27%  | 0.712% |
| 38 | 15.221 | 2229 | 2233 | 2241 | rVB  | 171962 | 218202 | 5.53%  | 0.541% |
| 39 | 15.468 | 2271 | 2275 | 2283 | rBV2 | 97638  | 165836 | 4.21%  | 0.412% |
| 40 | 15.568 | 2287 | 2292 | 2299 | rVV  | 679513 | 932702 | 23.65% | 2.314% |
| 41 | 15.639 | 2300 | 2304 | 2312 | rVB  | 101344 | 153477 | 3.89%  | 0.381% |
| 42 | 16.074 | 2374 | 2378 | 2382 | rBV2 | 62842  | 101805 | 2.58%  | 0.253% |

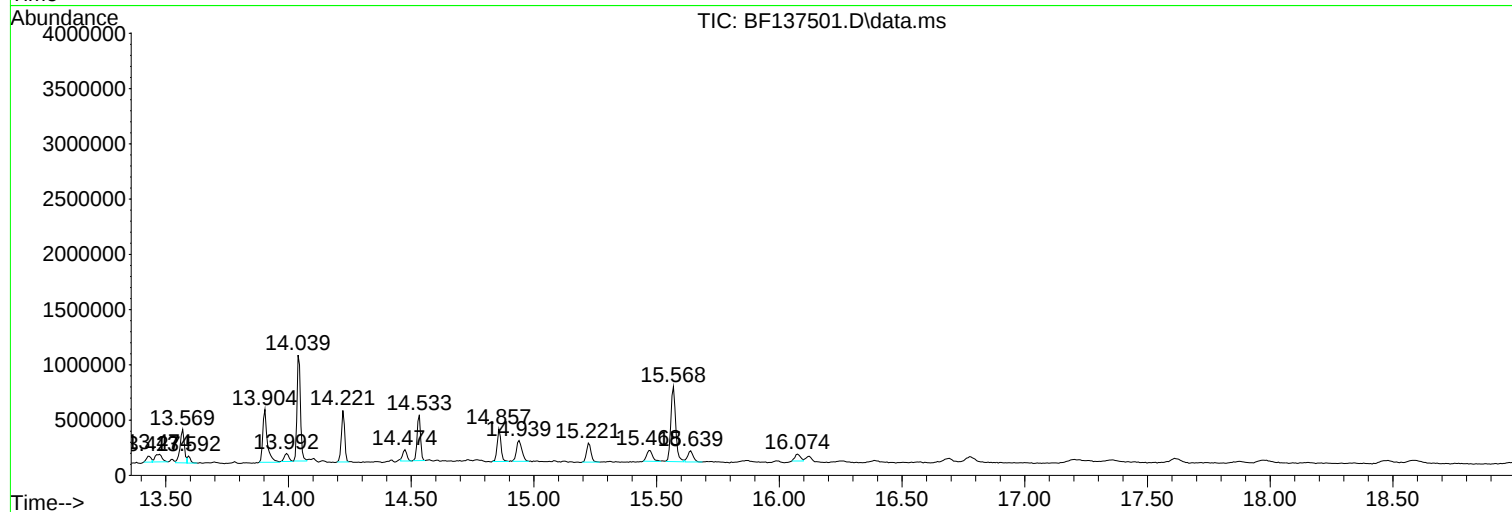
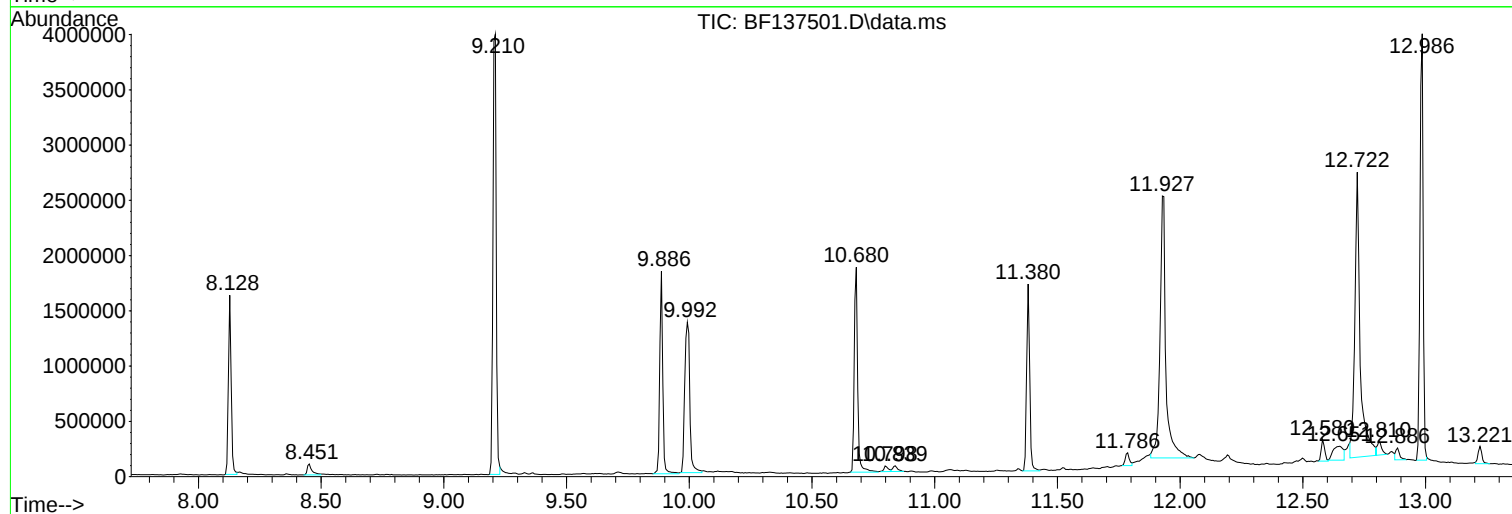
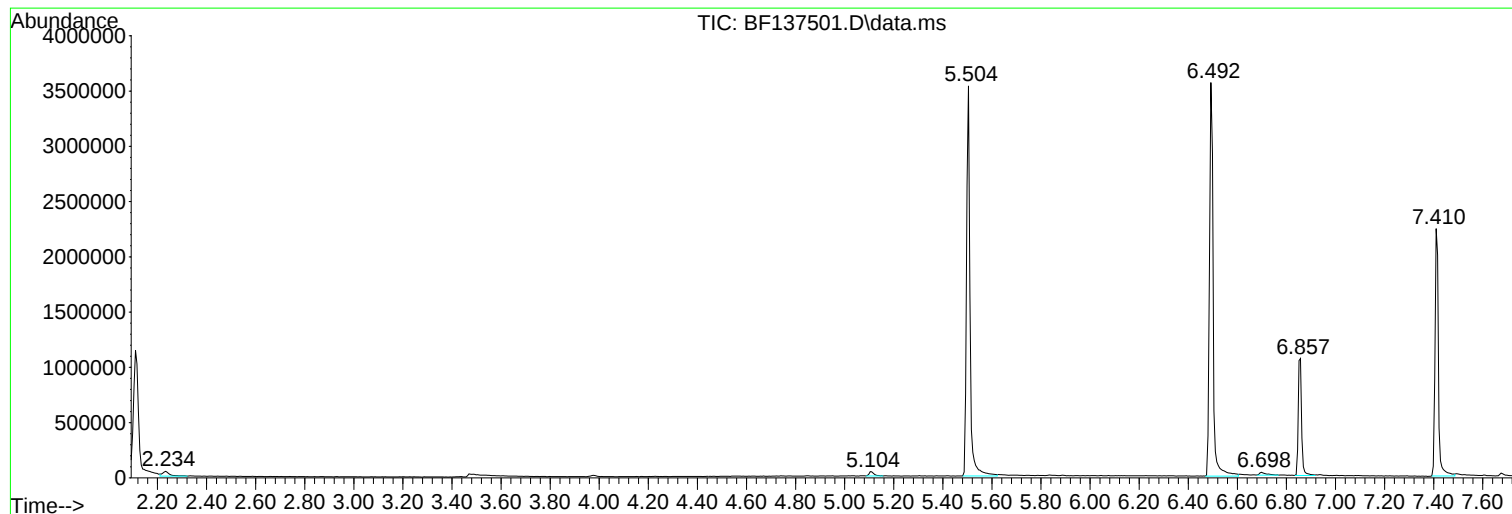
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

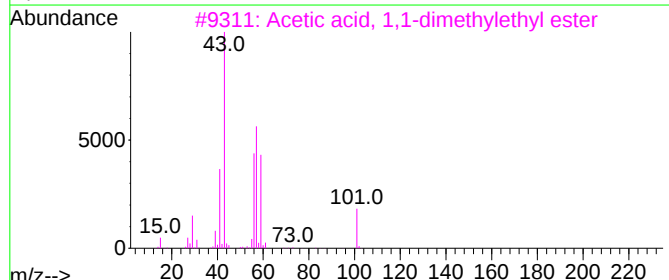
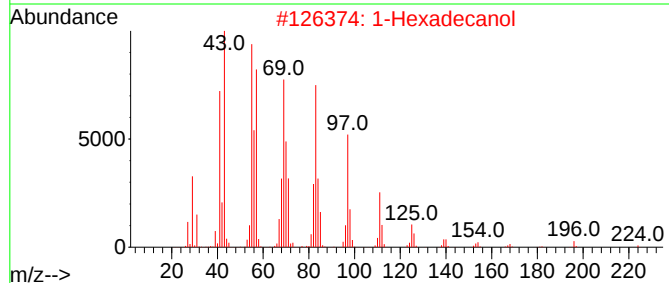
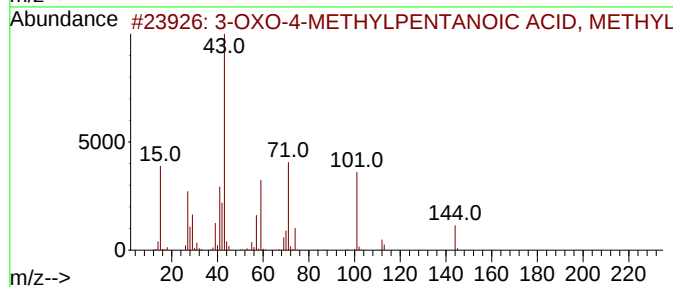
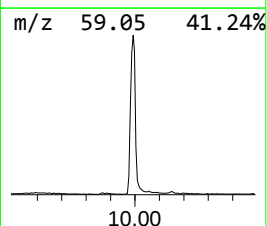
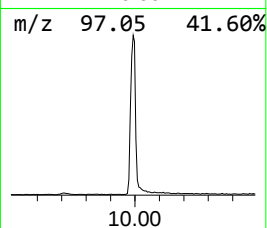
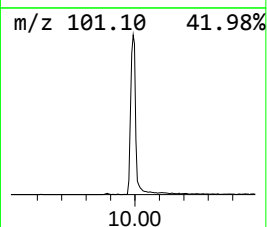
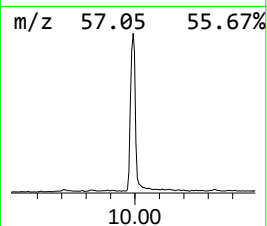
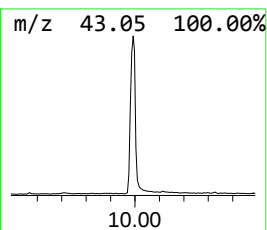
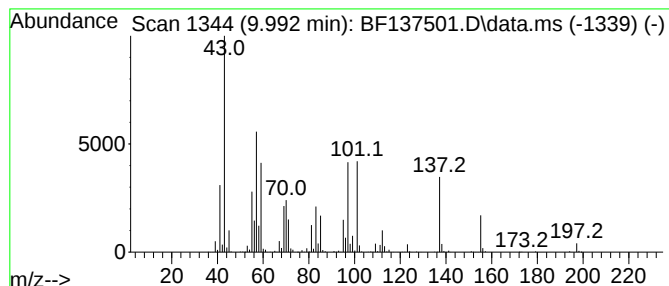
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown9.992 Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.992 | 25.05 ng | 1946020 | Acenaphthene-d10 | 9.886 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-OXO-4-METHYLPENTANOIC ACID, ME... | 144 | C7H12O3 | 042558-54-3 | 16   |
| 2    |    |   | 1-Hexadecanol                       | 242 | C16H34O | 036653-82-4 | 14   |
| 3    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 12   |
| 4    |    |   | 17-Pentatriacontene                 | 491 | C35H70  | 006971-40-0 | 10   |
| 5    |    |   | 2-Pentanol, 2-methyl-, acetate      | 144 | C8H16O2 | 034859-98-8 | 10   |



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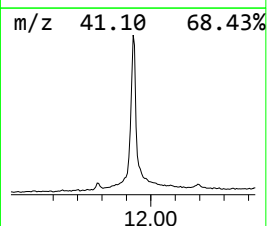
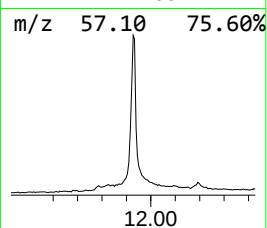
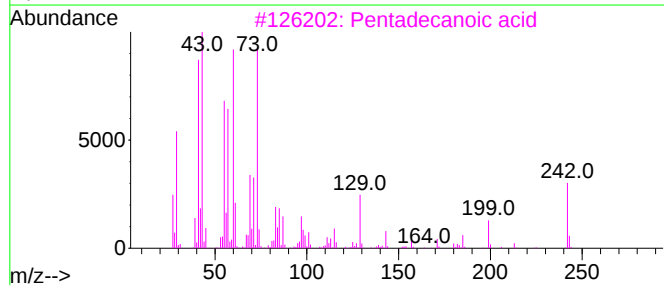
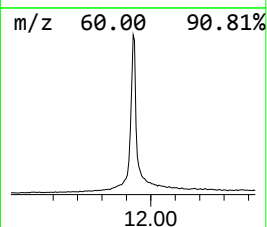
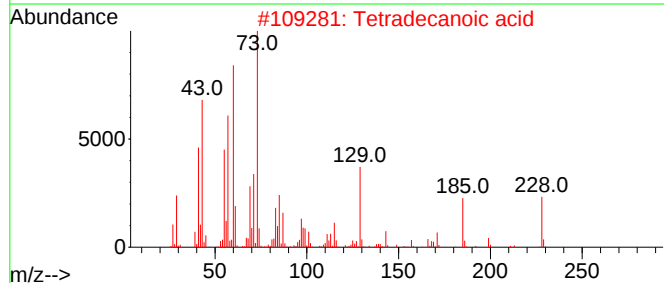
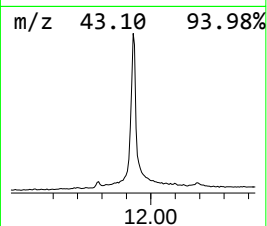
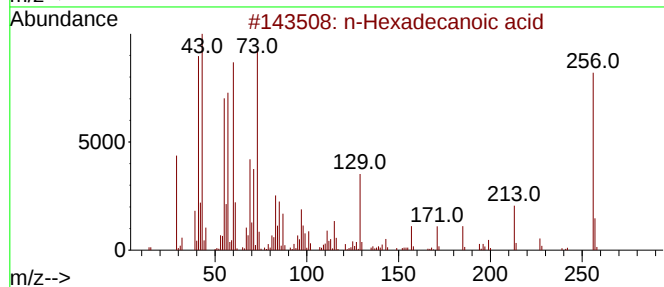
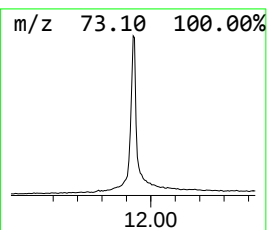
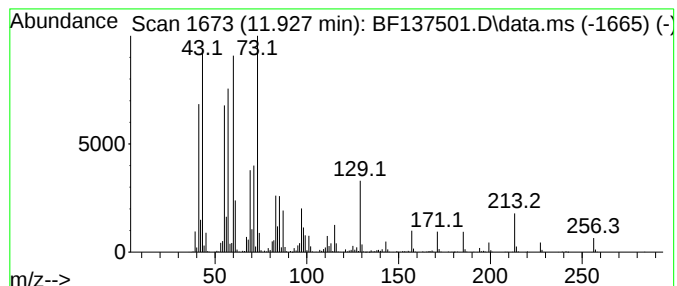
Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.      | EstConc               | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|---------|------------------|-------------|------|
| 11.927    | 55.21 ng              | 3943130 | Phenanthrene-d10 | 11.380      |      |
| 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 | 95   |
| 3         | Pentadecanoic acid    | 242     | C15H30O2         | 001002-84-2 | 94   |
| 4         | Tridecanoic acid      | 214     | C13H26O2         | 000638-53-9 | 91   |
| 5         | 8-Methylnonanoic acid | 172     | C10H20O2         | 005963-14-4 | 64   |



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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

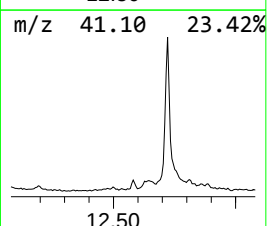
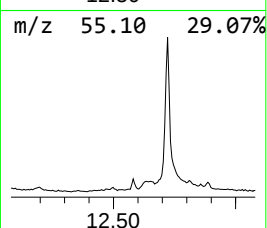
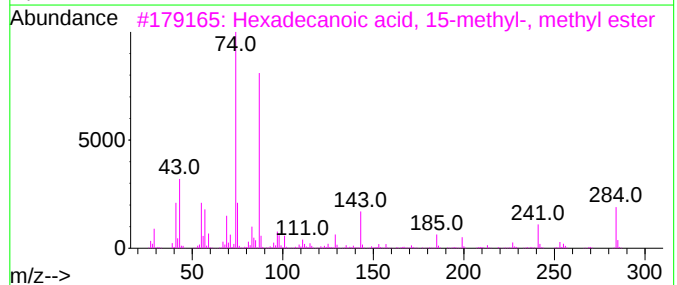
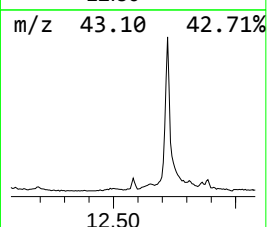
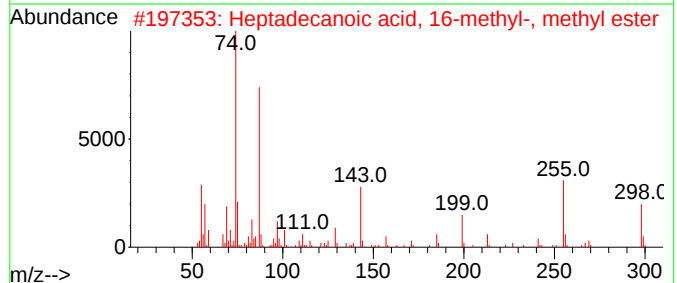
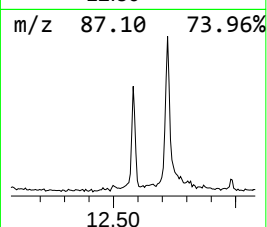
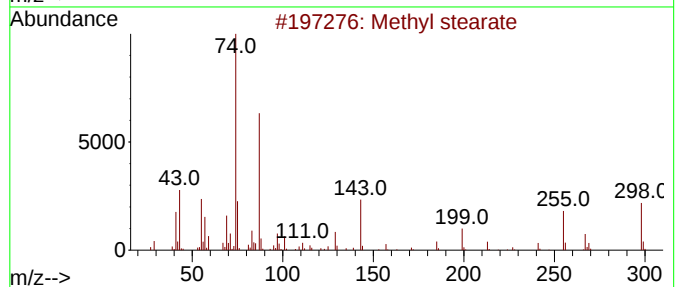
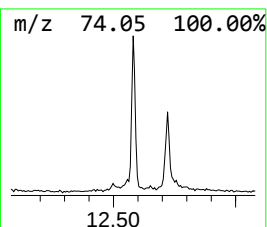
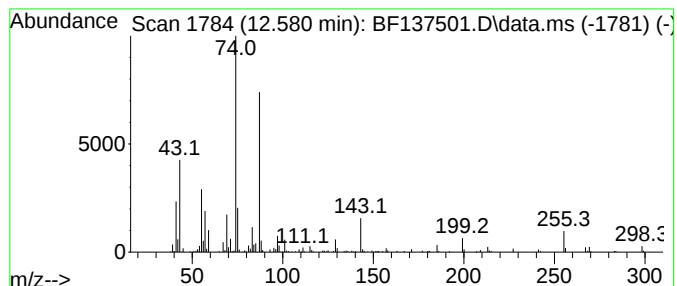
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Methyl stearate Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.580 | 2.69 ng | 192185 | Phenanthrene-d10 | 11.380 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 97   |
| 2    |    |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 94   |
| 3    |    |   | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 93   |
| 4    |    |   | Heptadecanoic acid, methyl ester    | 284 | C18H36O2 | 001731-92-6 | 91   |
| 5    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 90   |



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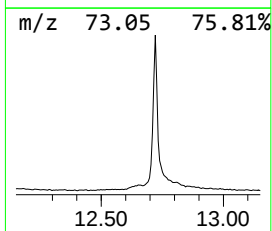
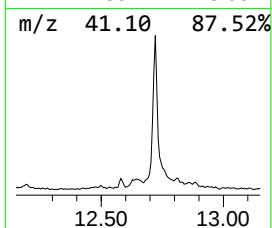
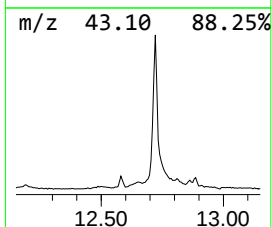
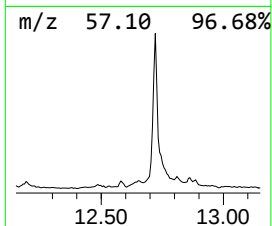
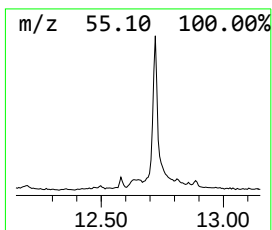
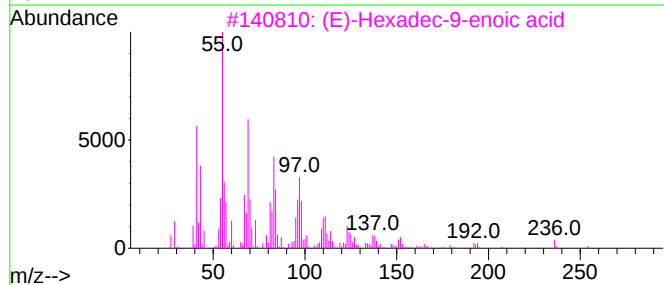
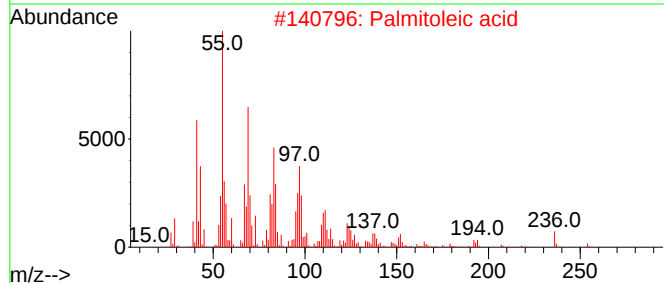
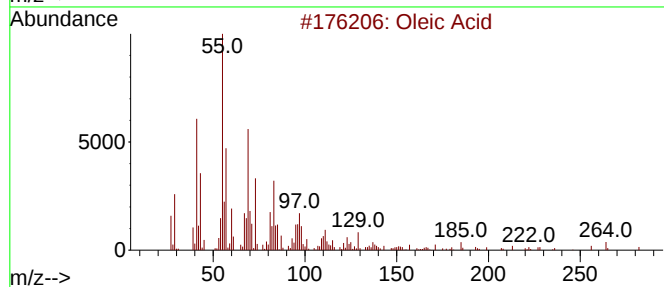
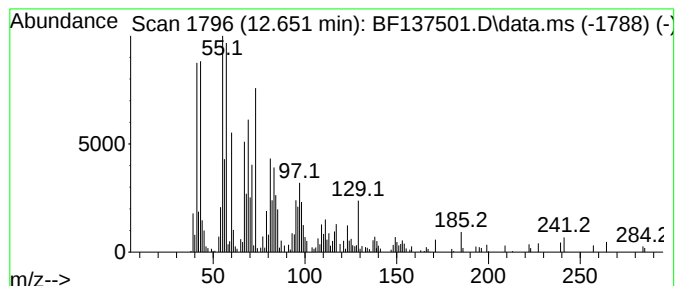
Instrument :  
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ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Oleic Acid Concentration Rank 10

| R.T.      | EstConc                            | Area   | Relative to ISTD |          | R.T.         |      |
|-----------|------------------------------------|--------|------------------|----------|--------------|------|
| 12.651    | 5.14 ng                            | 367409 | Phenanthrene-d10 |          | 11.380       |      |
| Hit# of 5 | Tentative ID                       |        | MW               | MolForm  | CAS#         | Qual |
| 1         | Oleic Acid                         |        | 282              | C18H34O2 | 000112-80-1  | 58   |
| 2         | Palmitoleic acid                   |        | 254              | C16H30O2 | 000373-49-9  | 49   |
| 3         | (E)-Hexadec-9-enoic acid           |        | 254              | C16H30O2 | 010030-73-6  | 49   |
| 4         | Undec-10-ynoic acid, dodecyl ester |        | 350              | C23H42O2 | 1010406-16-5 | 49   |
| 5         | 1-Ethynylcyclododecanol            |        | 208              | C14H24O  | 1000484-40-4 | 47   |



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Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

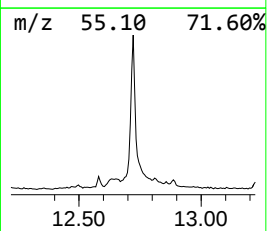
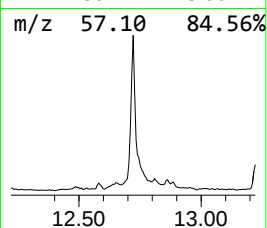
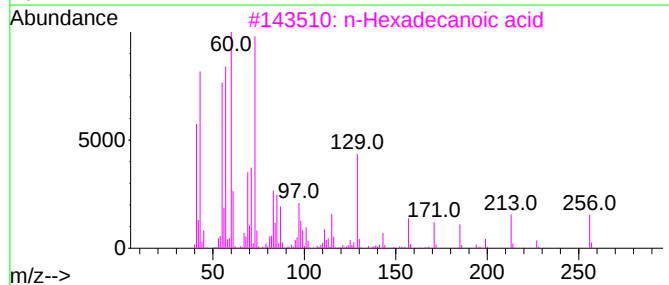
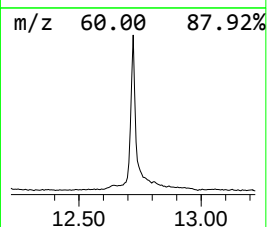
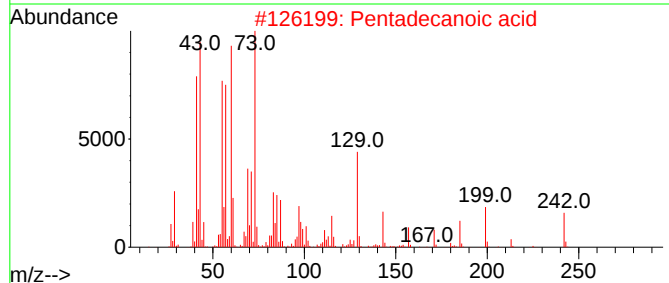
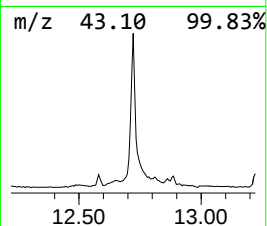
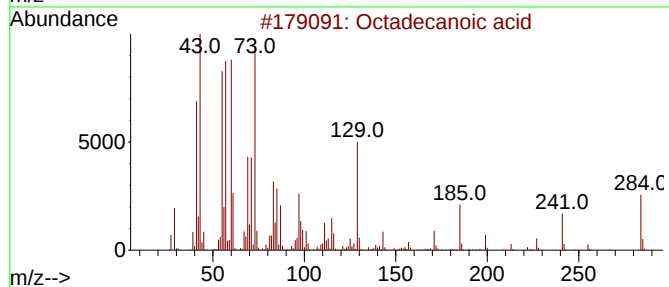
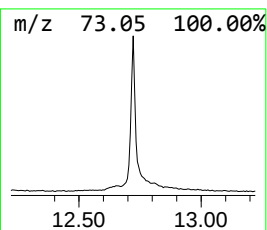
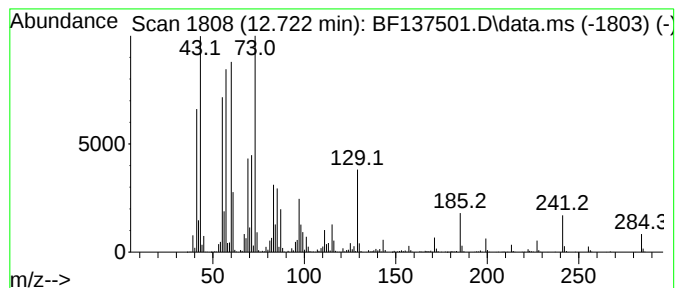
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Octadecanoic acid Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.722 | 82.37 ng | 3905900 | Chrysene-d12     | 14.039 |

| 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 | 94   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
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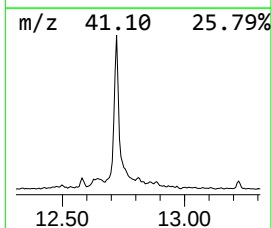
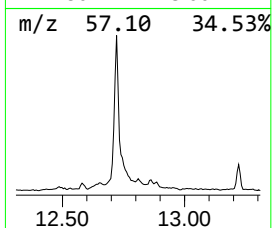
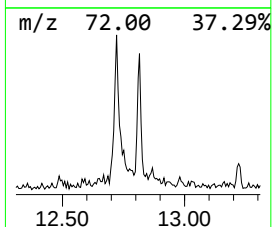
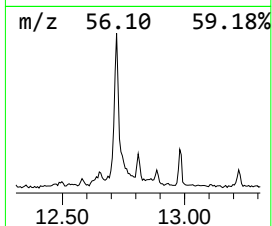
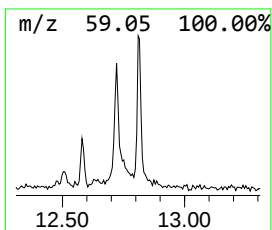
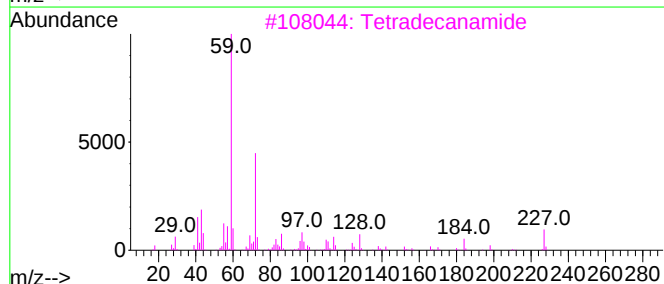
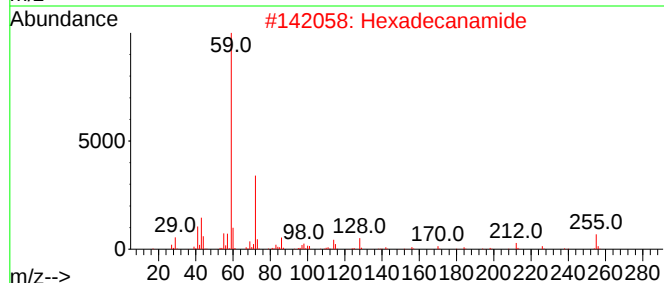
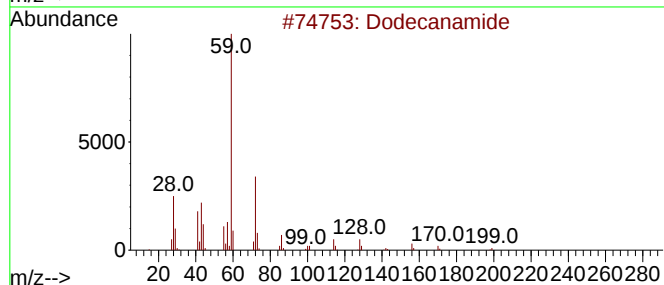
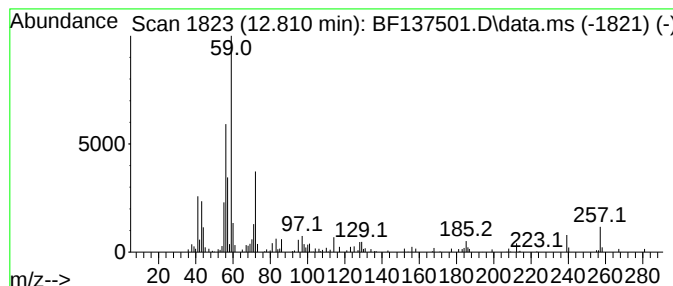
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Peak Number 6 Dodecanamide Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.810 | 3.21 ng | 152403 | Chrysene-d12     | 14.039 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|------|------------------------|-----|----------|-------------|------|
| 1    |      | Dodecanamide           | 199 | C12H25NO | 001120-16-7 | 64   |
| 2    |      | Hexadecanamide         | 255 | C16H33NO | 000629-54-9 | 58   |
| 3    |      | Tetradecanamide        | 227 | C14H29NO | 000638-58-4 | 47   |
| 4    |      | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 43   |
| 5    |      | Octadecanamide         | 283 | C18H37NO | 000124-26-5 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
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Acq On : 05 Mar 2024 15:30  
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ClientSampleId :  
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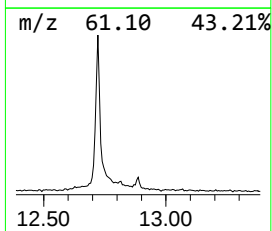
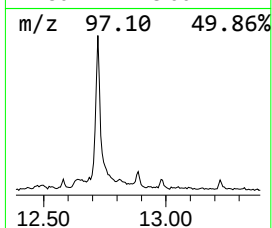
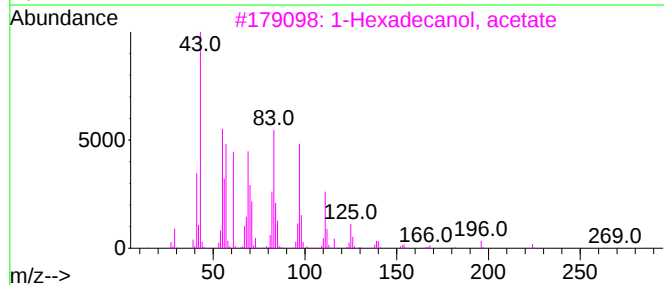
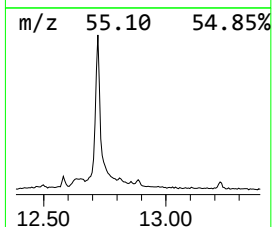
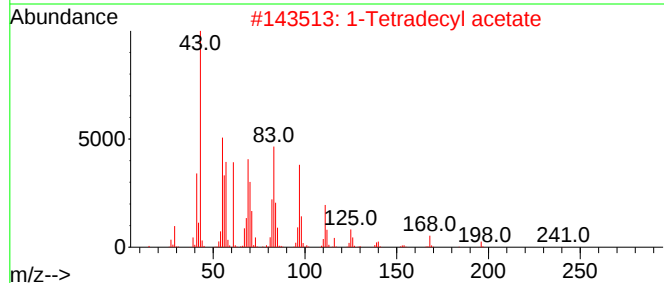
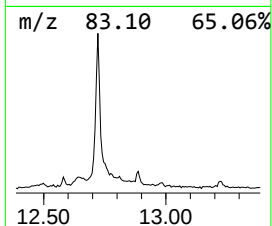
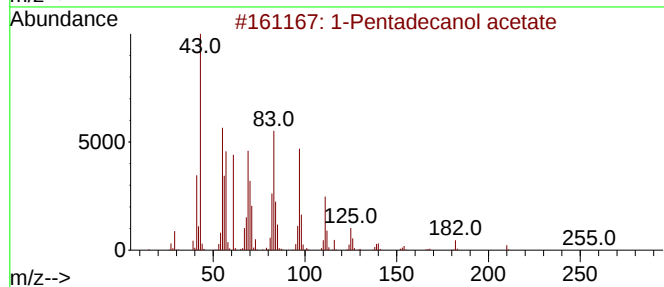
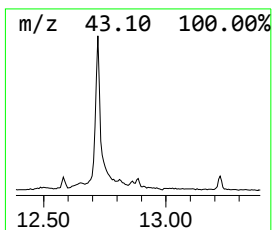
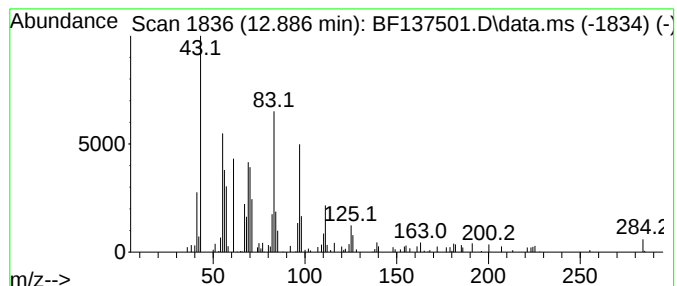
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 1-Pentadecanol acetate Concentration Rank 19

| R.T.      | EstConc                | Area   | Relative to ISTD | R.T.         |      |
|-----------|------------------------|--------|------------------|--------------|------|
| 12.886    | 2.37 ng                | 112242 | Chrysene-d12     | 14.039       |      |
| Hit# of 5 | Tentative ID           | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Pentadecanol acetate | 270    | C17H34O2         | 000629-58-3  | 91   |
| 2         | 1-Tetradecyl acetate   | 256    | C16H32O2         | 000638-59-5  | 90   |
| 3         | 1-Hexadecanol, acetate | 284    | C18H36O2         | 000629-70-9  | 83   |
| 4         | Heptadecyl acetate     | 298    | C19H38O2         | 000822-20-8  | 80   |
| 5         | Tridecyl acetate       | 242    | C15H30O2         | 1000351-76-9 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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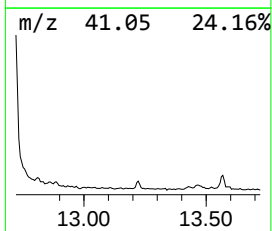
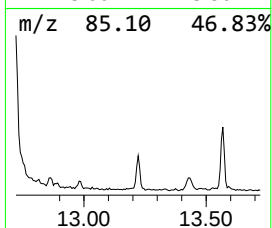
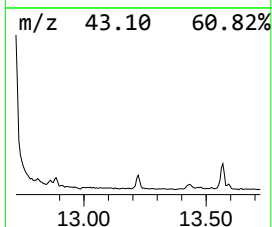
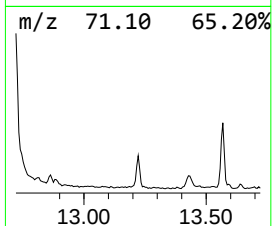
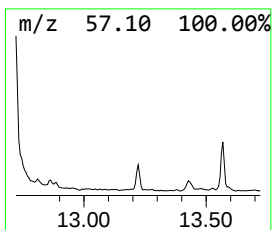
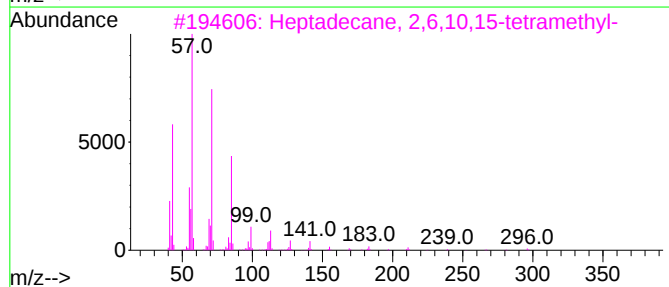
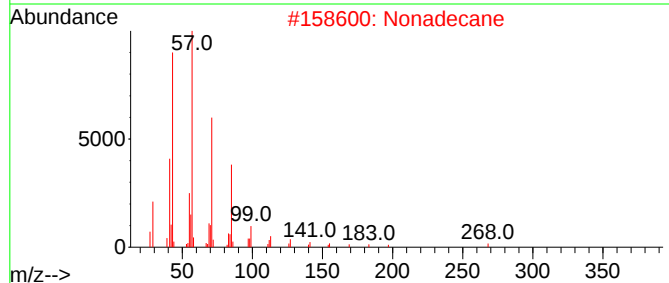
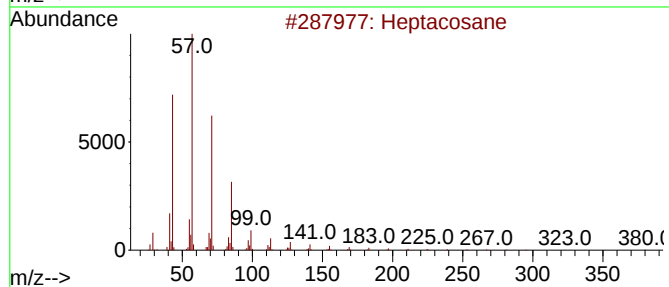
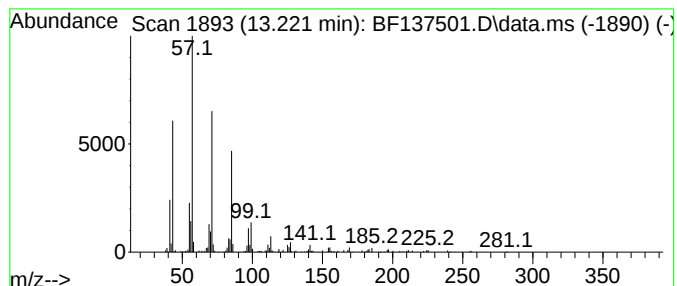
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heptacosane Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.222 | 3.42 ng | 162242 | Chrysene-d12     | 14.039 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |    |   | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 87   |
| 3    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 87   |
| 4    |    |   | Eicosane                            | 282 | C20H42  | 000112-95-8 | 83   |
| 5    |    |   | Heptadecane                         | 240 | C17H36  | 000629-78-7 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
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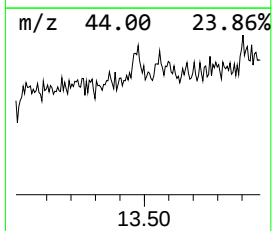
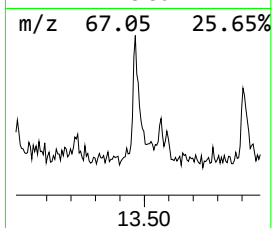
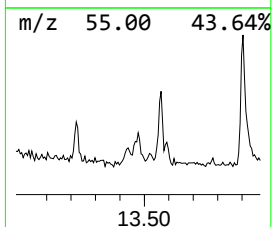
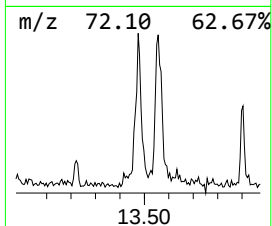
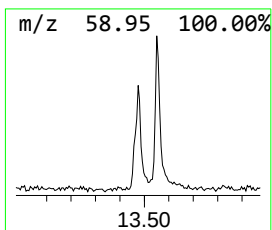
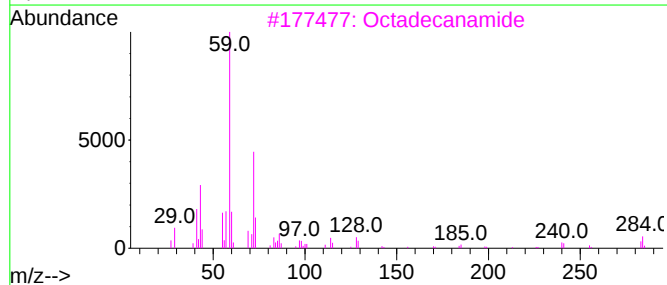
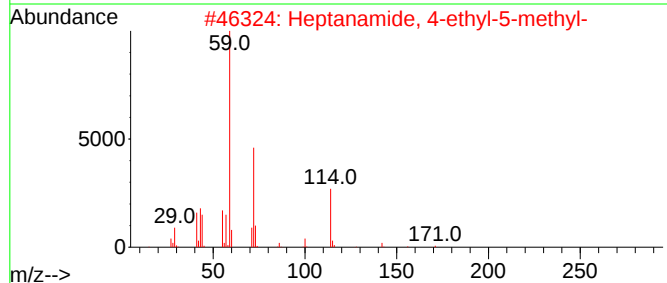
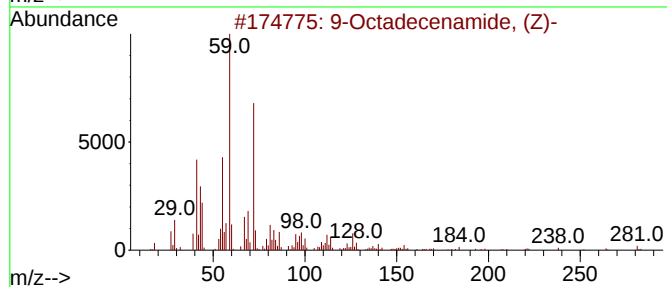
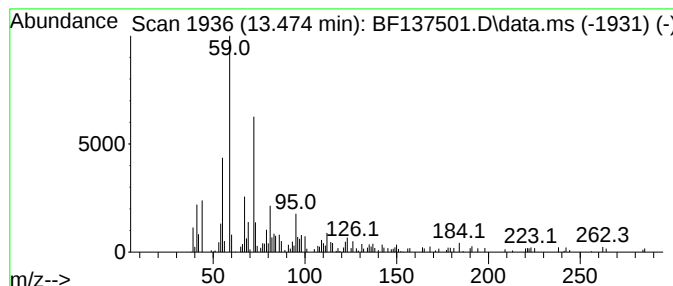
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 16

| R.T.      | EstConc                        | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|--------------------------------|--------|------------------|----------|-------------|------|
| 13.474    | 2.82 ng                        | 133781 | Chrysene-d12     |          | 14.039      |      |
| Hit# of 5 | Tentative ID                   |        | MW               | MolForm  | CAS#        | Qual |
| 1         | 9-Octadecenamide, (Z)-         |        | 281              | C18H35NO | 000301-02-0 | 72   |
| 2         | Heptanamide, 4-ethyl-5-methyl- |        | 171              | C10H21NO | 054789-40-1 | 58   |
| 3         | Octadecanamide                 |        | 283              | C18H37NO | 000124-26-5 | 53   |
| 4         | 7-Nonenamide                   |        | 155              | C9H17NO  | 090949-53-4 | 50   |
| 5         | Tetradecanamide                |        | 227              | C14H29NO | 000638-58-4 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
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Misc :  
ALS Vial : 8 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
TP-3

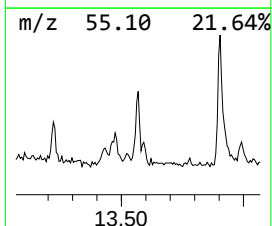
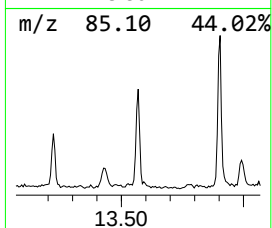
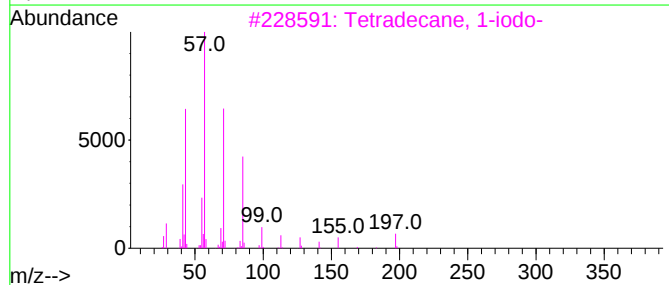
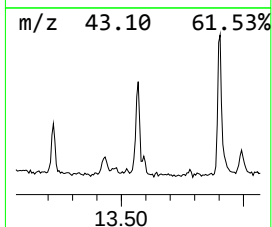
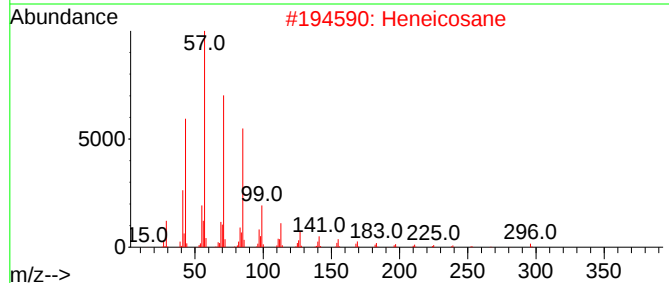
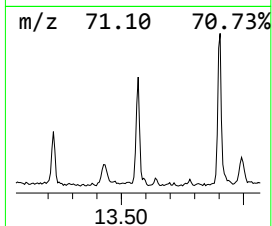
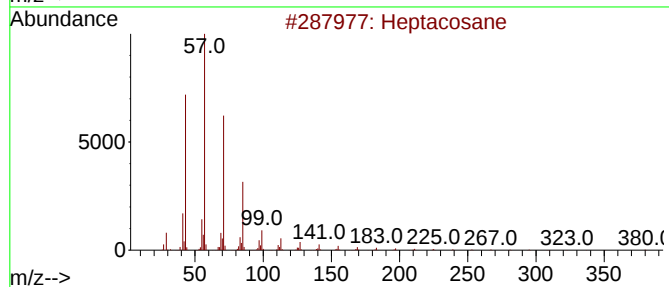
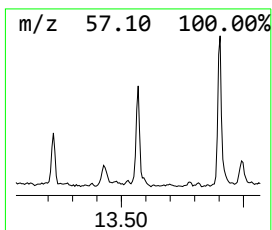
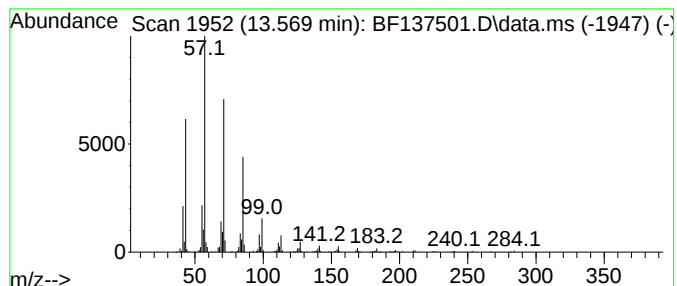
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Heneicosane Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.569 | 7.87 ng | 373080 | Chrysene-d12     | 14.039 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Heptacosane          | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |      | Heneicosane          | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |      | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 86   |
| 4    |      | Eicosane             | 282 | C20H42  | 000112-95-8 | 86   |
| 5    |      | Hexadecane, 1-iodo-  | 352 | C16H33I | 000544-77-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

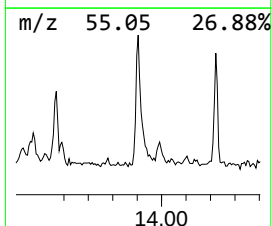
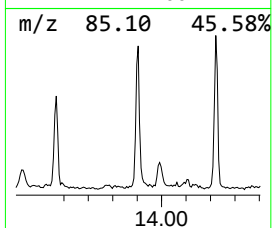
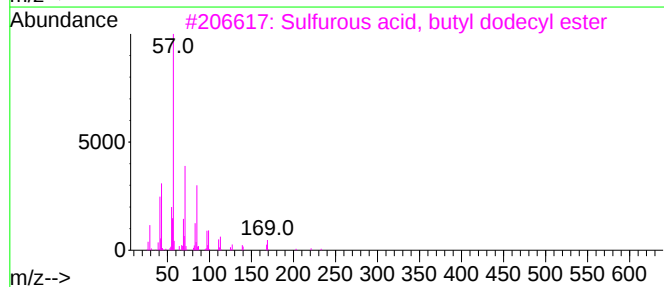
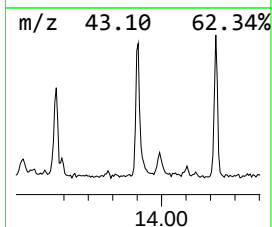
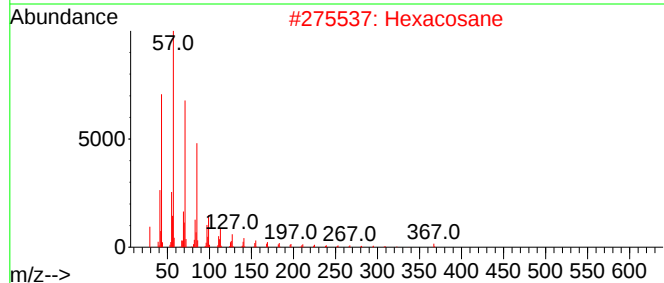
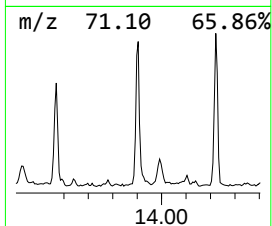
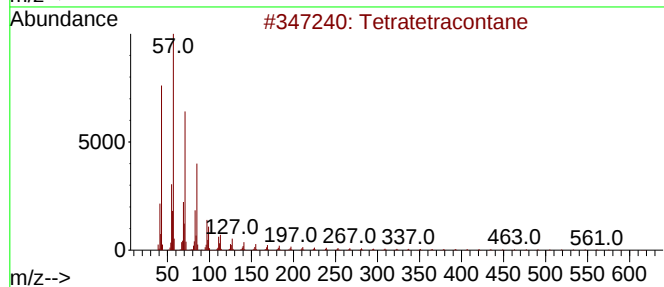
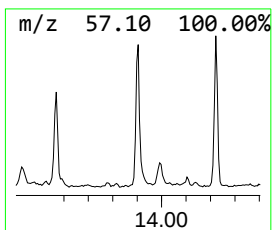
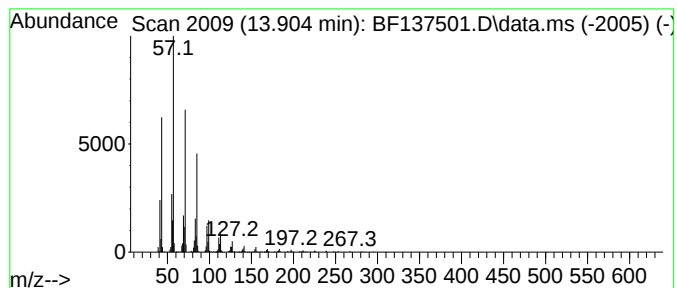
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Tetratetracontane Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.904 | 12.75 ng | 604501 | Chrysene-d12     | 14.039 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 91   |
| 2    |    |   | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 91   |
| 3    |    |   | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 90   |
| 4    |    |   | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 90   |
| 5    |    |   | Tridecane, 6-propyl-                | 226 | C16H34    | 055045-10-8  | 87   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

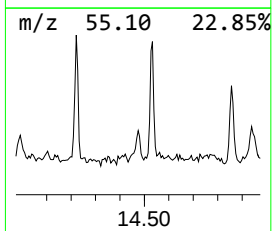
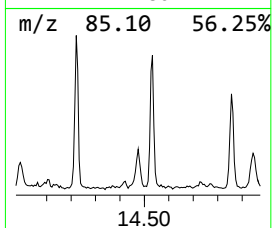
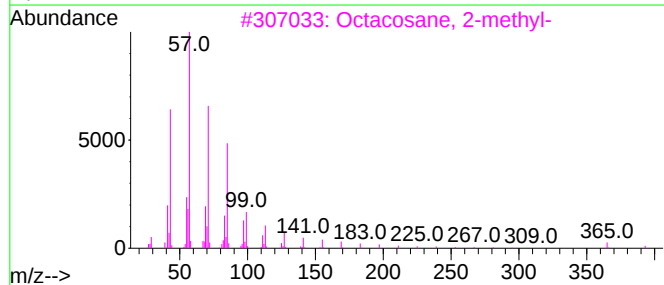
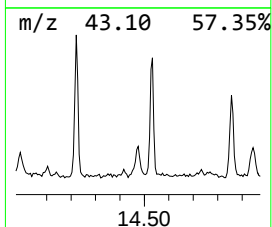
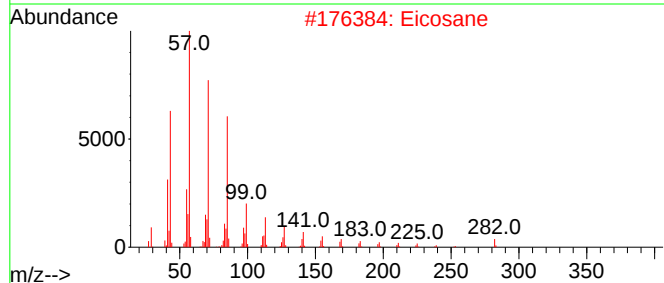
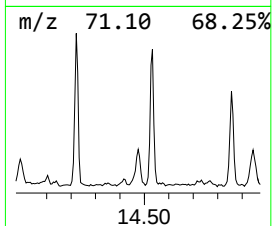
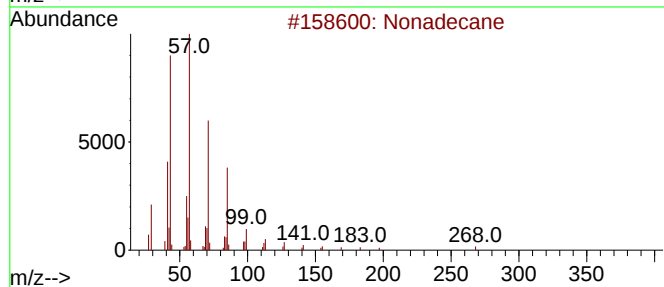
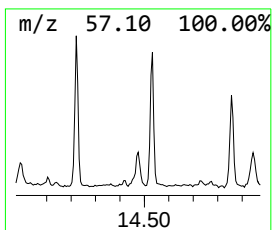
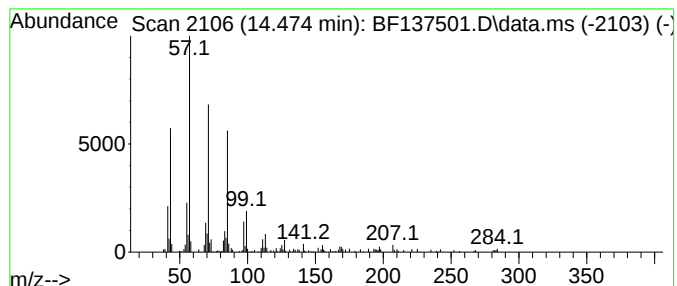
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Nonadecane Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.474 | 2.54 ng | 120245 | Chrysene-d12     | 14.039 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane            | 268 | C19H40  | 000629-92-5 | 90   |
| 2    |    |   | Eicosane              | 282 | C20H42  | 000112-95-8 | 87   |
| 3    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 86   |
| 4    |    |   | Hexadecane, 1-iodo-   | 352 | C16H33I | 000544-77-4 | 80   |
| 5    |    |   | Octadecane, 1-iodo-   | 380 | C18H37I | 000629-93-6 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

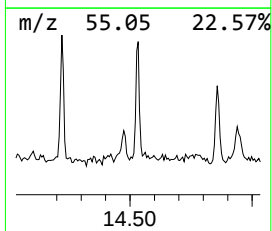
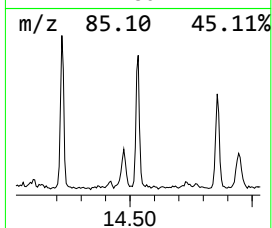
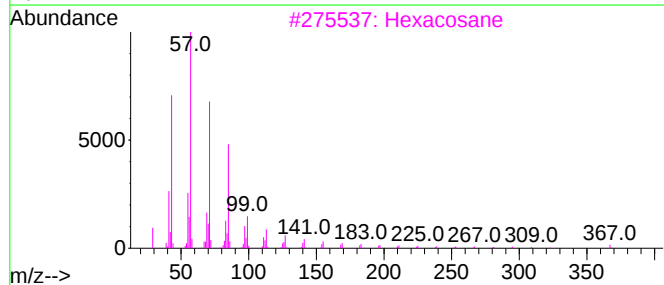
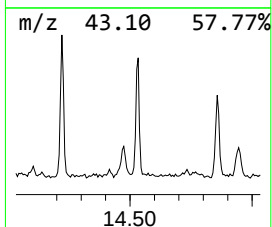
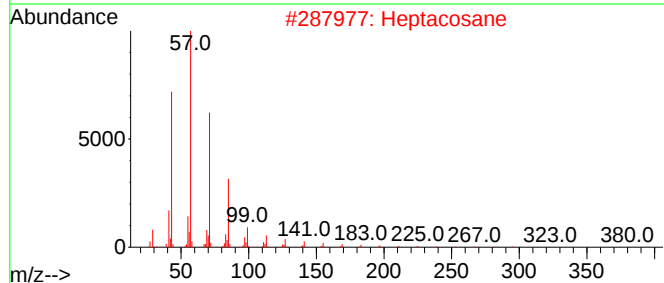
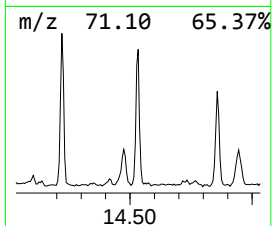
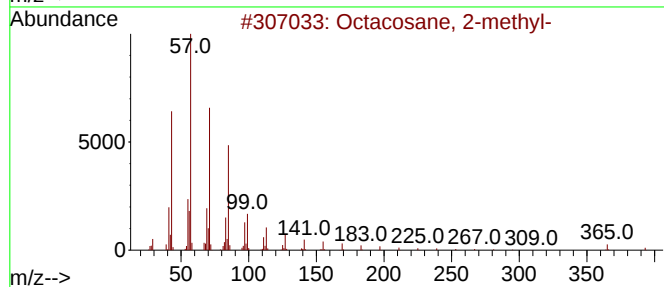
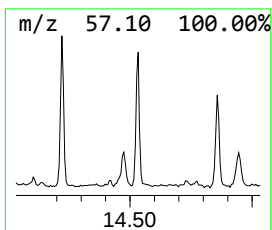
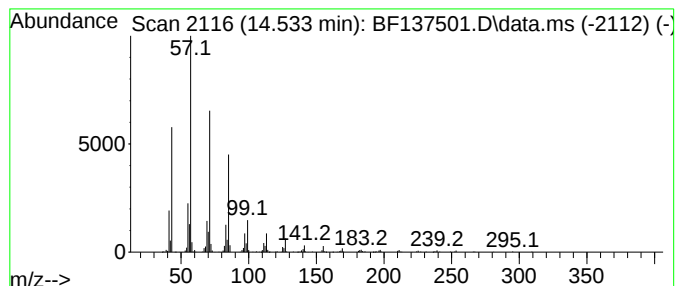
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Octacosane, 2-methyl- Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.533 | 8.49 ng | 402751 | Chrysene-d12     | 14.039 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 2    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |
| 5    |    |   | Triacontane           | 422 | C30H62  | 000638-68-6 | 91   |



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Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

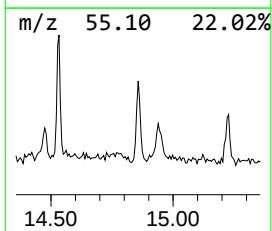
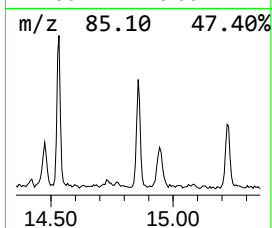
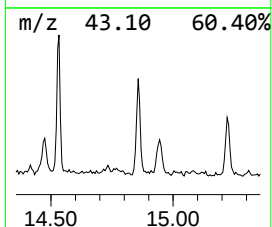
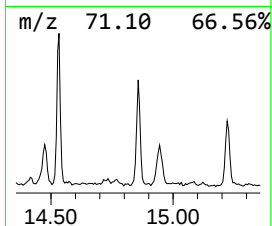
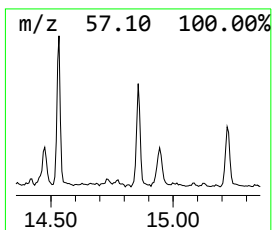
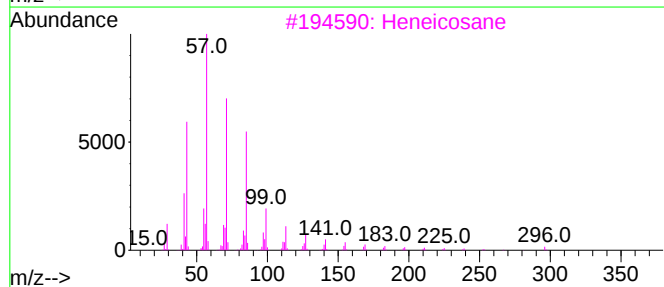
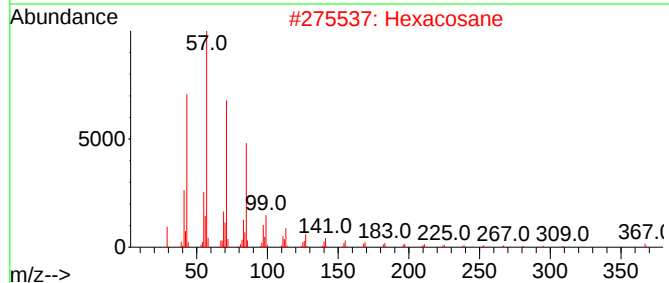
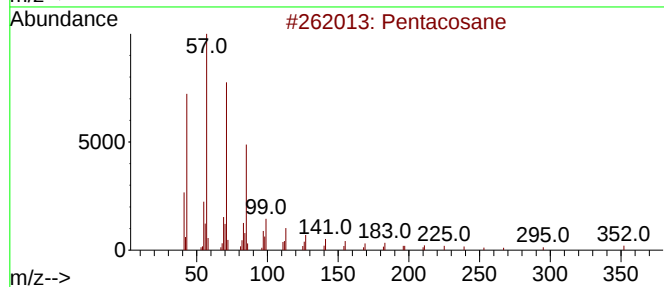
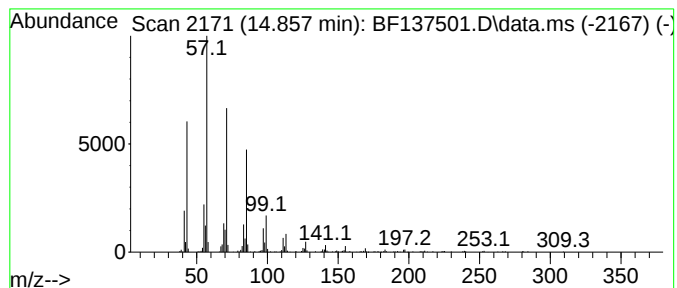
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Pentacosane Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.857 | 6.66 ng | 310393 | Perylene-d12     | 15.568 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------|-----|---------|--------------|------|
| 1    |    |   | Pentacosane       | 352 | C25H52  | 000629-99-2  | 91   |
| 2    |    |   | Hexacosane        | 366 | C26H54  | 000630-01-3  | 91   |
| 3    |    |   | Heneicosane       | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |    |   | Heptacosane       | 380 | C27H56  | 000593-49-7  | 87   |
| 5    |    |   | Docosane, 1-iodo- | 436 | C22H45I | 1000406-31-9 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

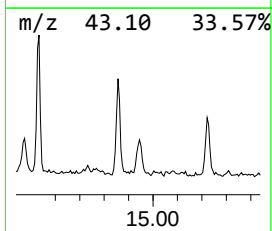
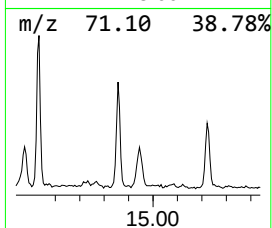
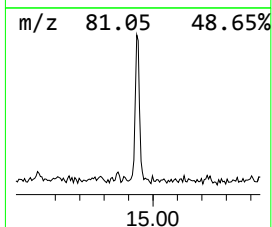
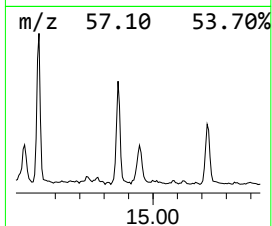
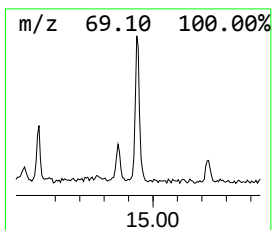
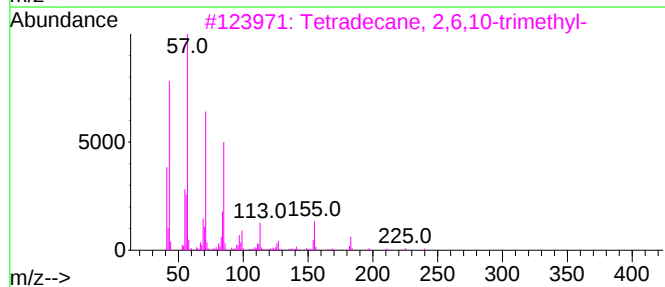
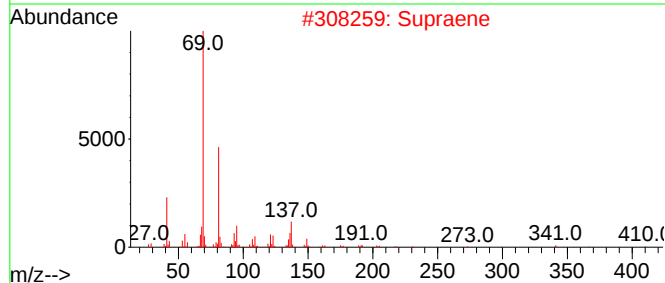
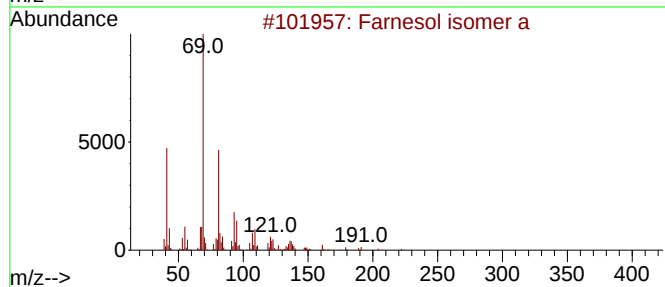
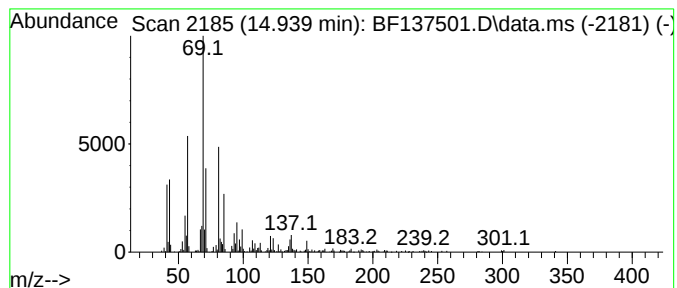
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Farnesol isomer a Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.939 | 6.15 ng | 286831 | Perylene-d12     | 15.568 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | Farnesol isomer a                | 222 | C15H26O | 1000108-92-4 | 55   |
| 2    |    |   | Supraene                         | 410 | C30H50  | 007683-64-9  | 43   |
| 3    |    |   | Tetradecane, 2,6,10-trimethyl-   | 240 | C17H36  | 014905-56-7  | 38   |
| 4    |    |   | 1,5-Heptadiene, 3,4-dimethyl-    | 124 | C9H16   | 1000061-77-9 | 35   |
| 5    |    |   | 1,5-Heptadiene, 2,3,6-trimethyl- | 138 | C10H18  | 033501-88-1  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
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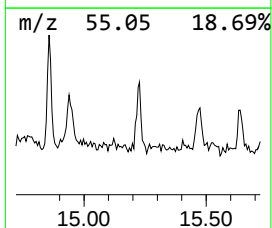
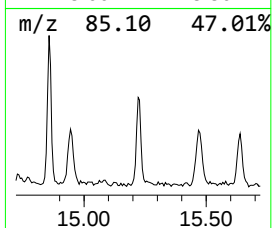
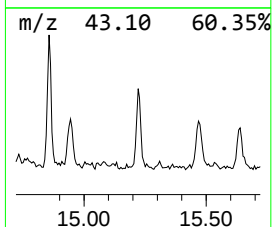
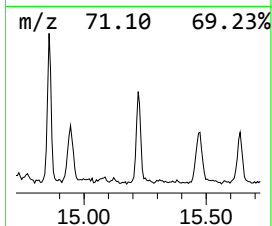
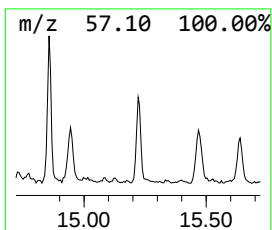
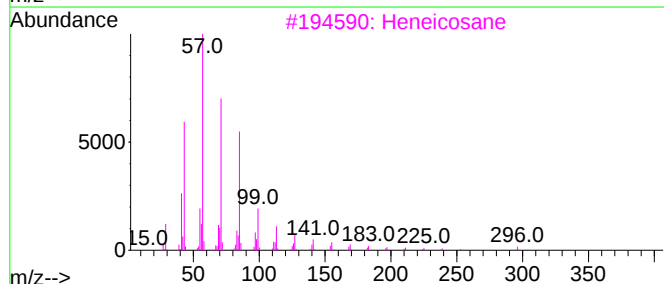
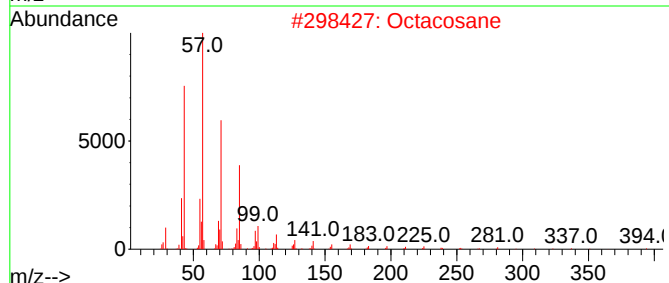
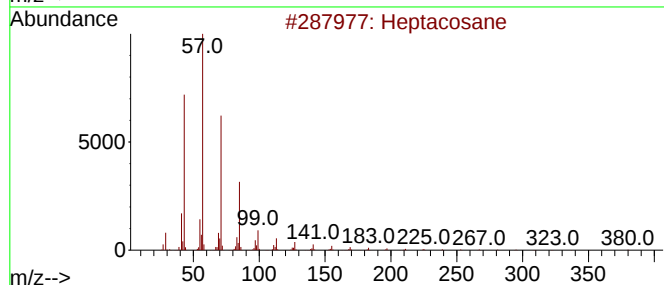
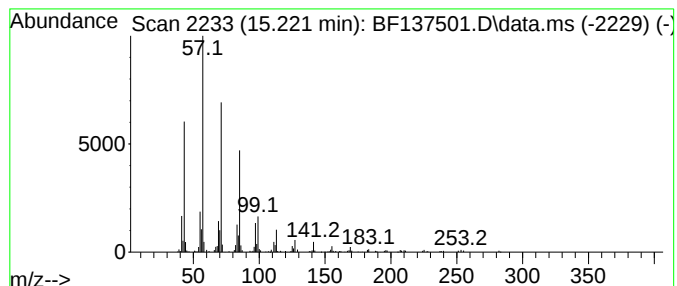
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TIC Integration Parameters: LSCINT.P

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Peak Number 17 Octacosane Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.221 | 4.68 ng | 218202 | Perylene-d12     | 15.568 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane  | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |    |   | Octacosane   | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |    |   | Hexacosane   | 366 | C26H54  | 000630-01-3 | 91   |
| 5    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

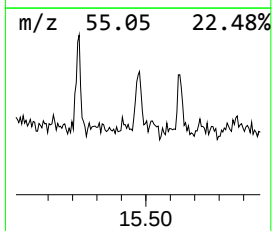
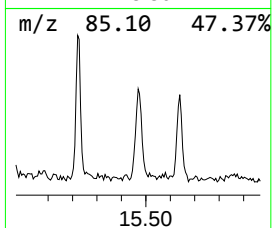
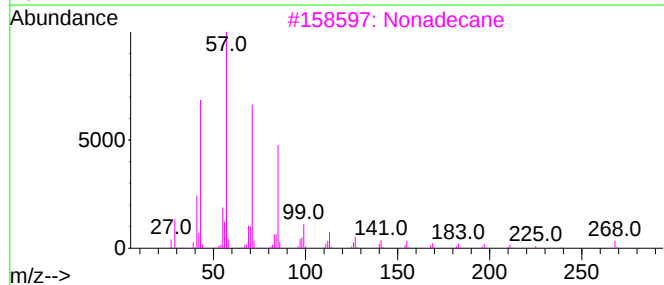
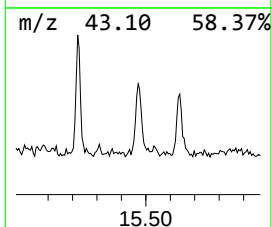
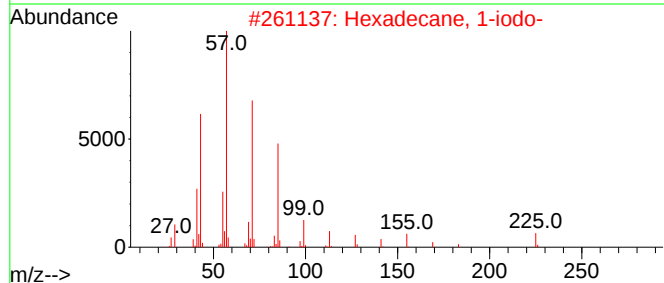
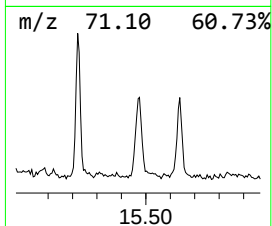
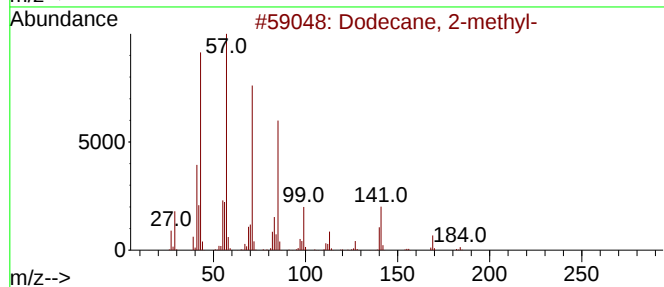
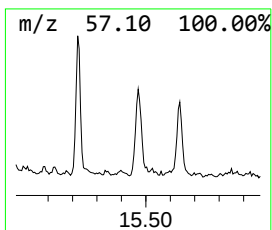
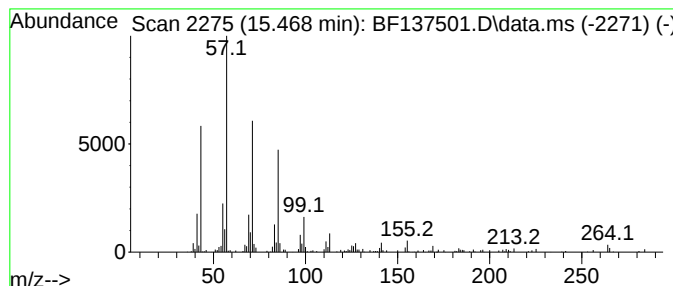
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Dodecane, 2-methyl- Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.468 | 3.56 ng | 165836 | Perylene-d12     | 15.568 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Dodecane, 2-methyl-  | 184 | C13H28  | 001560-97-0 | 87   |
| 2    |      | Hexadecane, 1-iodo-  | 352 | C16H33I | 000544-77-4 | 80   |
| 3    |      | Nonadecane           | 268 | C19H40  | 000629-92-5 | 80   |
| 4    |      | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 80   |
| 5    |      | Heneicosane          | 296 | C21H44  | 000629-94-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

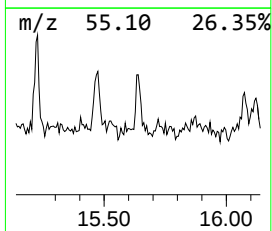
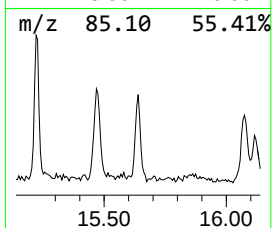
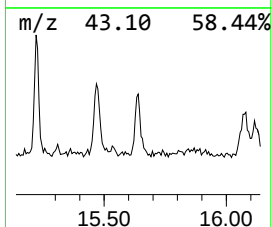
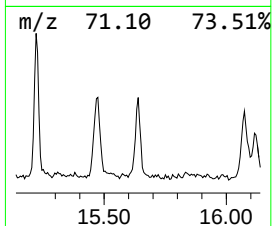
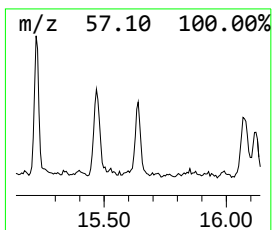
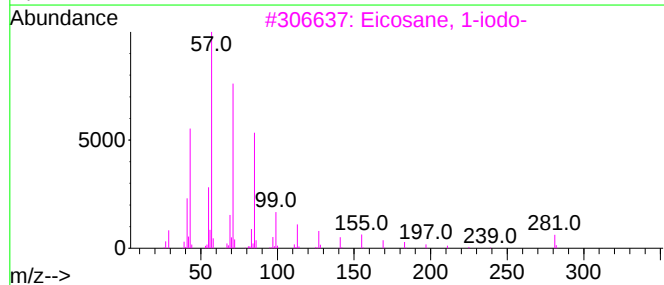
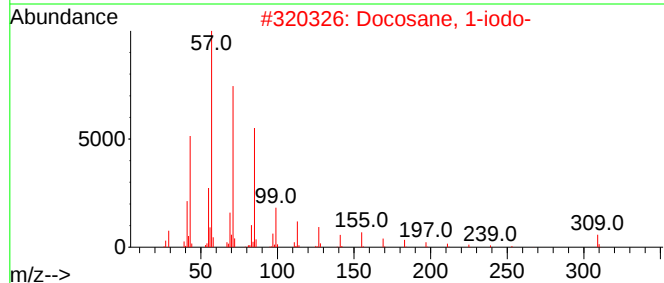
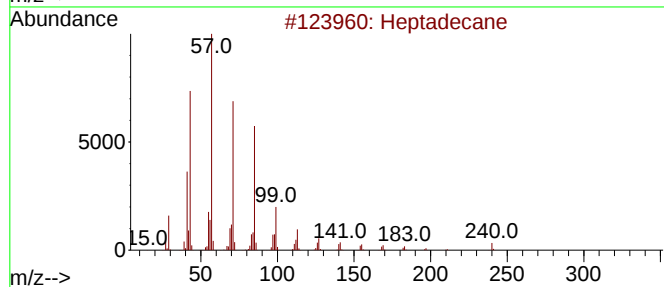
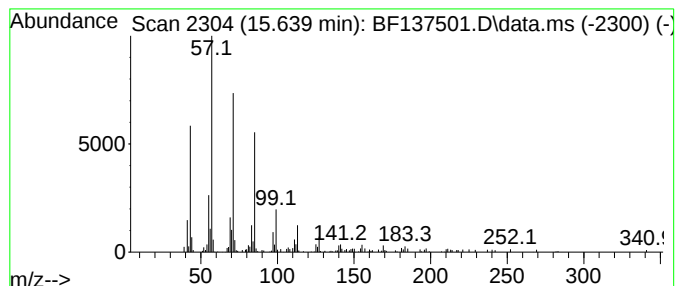
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Heptadecane Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.639 | 3.29 ng | 153477 | Perylene-d12     | 15.568 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------------------|-----|---------|--------------|------|
| 1    |    |   | Heptadecane                    | 240 | C17H36  | 000629-78-7  | 94   |
| 2    |    |   | Docosane, 1-iodo-              | 436 | C22H45I | 1000406-31-9 | 90   |
| 3    |    |   | Eicosane, 1-iodo-              | 408 | C20H41I | 1000406-31-8 | 90   |
| 4    |    |   | Decane, 3,8-dimethyl-          | 170 | C12H26  | 017312-55-9  | 87   |
| 5    |    |   | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36  | 014905-56-7  | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

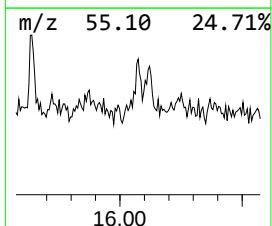
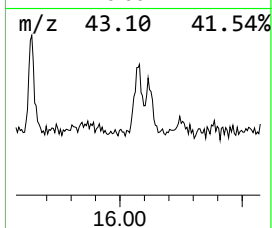
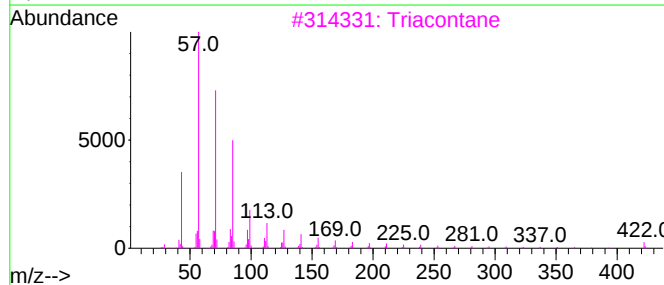
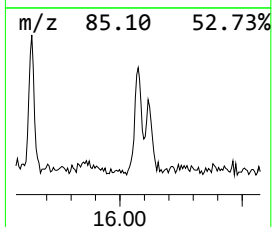
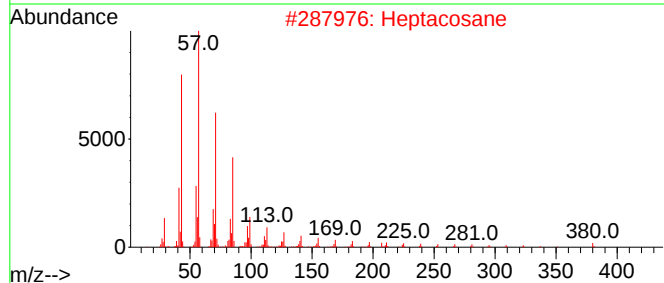
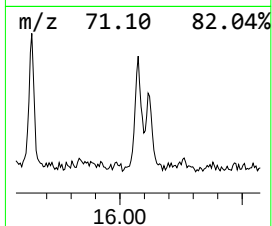
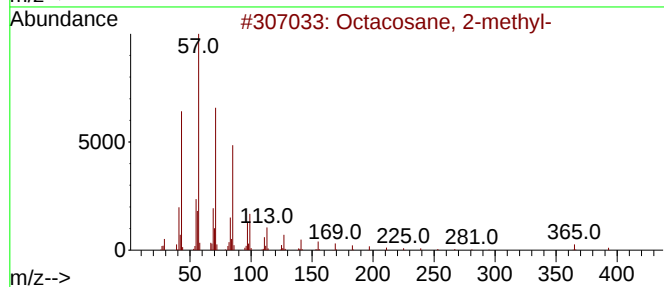
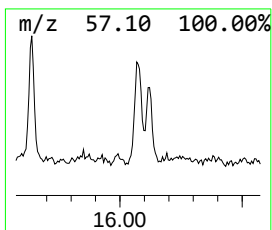
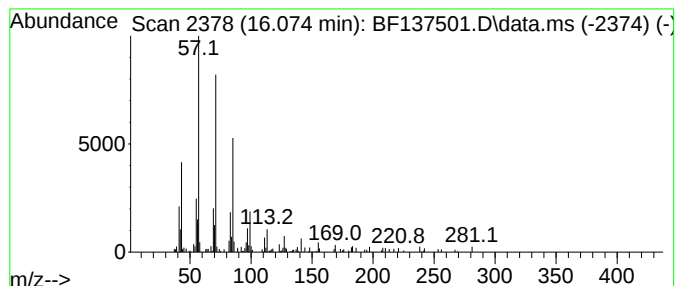
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Hexatriacontane Concentration Rank 20

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.074 | 2.18 ng | 101805 | Perylene-d12     | 15.568 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 2    |      | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |      | Triacontane           | 422 | C30H62  | 000638-68-6 | 91   |
| 4    |      | Hexatriacontane       | 507 | C36H74  | 000630-06-8 | 91   |
| 5    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
Data File : BF137501.D  
Acq On : 05 Mar 2024 15:30  
Operator : CG\JU  
Sample : P1672-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.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 |
| unknown9.992       | 9.992  | 25.1    | ng    | 1946020  | 3                     | 9.886  | 1553660 | 20.0 |
| n-Hexadecanoic ... | 11.927 | 55.2    | ng    | 3943130  | 4                     | 11.380 | 1428510 | 20.0 |
| Methyl stearate    | 12.580 | 2.7     | ng    | 192185   | 4                     | 11.380 | 1428510 | 20.0 |
| Oleic Acid         | 12.651 | 5.1     | ng    | 367409   | 4                     | 11.380 | 1428510 | 20.0 |
| Octadecanoic acid  | 12.722 | 82.4    | ng    | 3905900  | 5                     | 14.039 | 948433  | 20.0 |
| Dodecanamide       | 12.810 | 3.2     | ng    | 152403   | 5                     | 14.039 | 948433  | 20.0 |
| 1-Pentadecanol ... | 12.886 | 2.4     | ng    | 112242   | 5                     | 14.039 | 948433  | 20.0 |
| Heptacosane        | 13.222 | 3.4     | ng    | 162242   | 5                     | 14.039 | 948433  | 20.0 |
| 9-Octadecenamid... | 13.474 | 2.8     | ng    | 133781   | 5                     | 14.039 | 948433  | 20.0 |
| Heneicosane        | 13.569 | 7.9     | ng    | 373080   | 5                     | 14.039 | 948433  | 20.0 |
| Tetratetracontane  | 13.904 | 12.8    | ng    | 604501   | 5                     | 14.039 | 948433  | 20.0 |
| Triacontane        | 14.221 | 9.1     | ng    | 432980   | 5                     | 14.039 | 948433  | 20.0 |
| Nonadecane         | 14.474 | 2.5     | ng    | 120245   | 5                     | 14.039 | 948433  | 20.0 |
| Octacosane, 2-m... | 14.533 | 8.5     | ng    | 402751   | 5                     | 14.039 | 948433  | 20.0 |
| Pentacosane        | 14.857 | 6.7     | ng    | 310393   | 6                     | 15.568 | 932702  | 20.0 |
| Farnesol isomer a  | 14.939 | 6.2     | ng    | 286831   | 6                     | 15.568 | 932702  | 20.0 |
| Octacosane         | 15.221 | 4.7     | ng    | 218202   | 6                     | 15.568 | 932702  | 20.0 |
| Dodecane, 2-met... | 15.468 | 3.6     | ng    | 165836   | 6                     | 15.568 | 932702  | 20.0 |
| Heptadecane        | 15.639 | 3.3     | ng    | 153477   | 6                     | 15.568 | 932702  | 20.0 |
| Hexatriacontane    | 16.074 | 2.2     | ng    | 101805   | 6                     | 15.568 | 932702  | 20.0 |