

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
 Data File : BF142423.D  
 Acq On : 16 May 2025 13:19  
 Operator : RC/JU  
 Sample : Q2048-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 L2-WC-1

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-BF050525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142423.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         | 5.098       | 484           | 494         | 502          | rBV      | 105272         | 150053        | 8.65%           | 1.155%        |
| 2         | 5.504       | 557           | 563         | 568          | rBV      | 952076         | 1216656       | 70.14%          | 9.361%        |
| 3         | 6.516       | 729           | 735         | 740          | rBV      | 1075567        | 1359416       | 78.37%          | 10.460%       |
| 4         | 6.898       | 795           | 800         | 805          | rBV      | 369349         | 451624        | 26.04%          | 3.475%        |
| 5         | 7.457       | 890           | 895         | 900          | rBV      | 594483         | 723098        | 41.69%          | 5.564%        |
| 6         | 7.710       | 934           | 938         | 944          | rBV      | 15551          | 20183         | 1.16%           | 0.155%        |
| 7         | 8.181       | 1013          | 1018        | 1024         | rBV      | 470297         | 584343        | 33.69%          | 4.496%        |
| 8         | 9.257       | 1196          | 1201        | 1206         | rBV      | 1173598        | 1441782       | 83.12%          | 11.094%       |
| 9         | 9.939       | 1311          | 1317        | 1323         | rBV      | 496414         | 641261        | 36.97%          | 4.934%        |
| 10        | 10.345      | 1379          | 1386        | 1393         | rBV3     | 11794          | 25067         | 1.45%           | 0.193%        |
| 11        | 10.645      | 1432          | 1437        | 1445         | rBV      | 164516         | 208981        | 12.05%          | 1.608%        |
| 12        | 10.722      | 1445          | 1450        | 1462         | rBV      | 745162         | 935304        | 53.92%          | 7.197%        |
| 13        | 11.421      | 1564          | 1569        | 1575         | rBV      | 518267         | 640699        | 36.94%          | 4.930%        |
| 14        | 11.945      | 1652          | 1658        | 1672         | rBV2     | 178836         | 322554        | 18.59%          | 2.482%        |
| 15        | 12.092      | 1673          | 1683        | 1697         | rVV4     | 45286          | 174360        | 10.05%          | 1.342%        |
| 16        | 12.727      | 1787          | 1791        | 1805         | rBV      | 44990          | 83982         | 4.84%           | 0.646%        |
| 17        | 13.010      | 1831          | 1839        | 1844         | rBV      | 1321327        | 1734628       | 100.00%         | 13.347%       |
| 18        | 13.680      | 1946          | 1953        | 1961         | rBV      | 72444          | 127563        | 7.35%           | 0.982%        |
| 19        | 13.915      | 1988          | 1993        | 2004         | rBV2     | 54227          | 123788        | 7.14%           | 0.952%        |
| 20        | 14.062      | 2013          | 2018        | 2031         | rVB      | 452176         | 574502        | 33.12%          | 4.420%        |
| 21        | 14.227      | 2041          | 2046        | 2052         | rVB      | 95940          | 151960        | 8.76%           | 1.169%        |
| 22        | 14.527      | 2094          | 2097        | 2102         | rBV      | 17515          | 24284         | 1.40%           | 0.187%        |
| 23        | 14.704      | 2122          | 2127        | 2135         | rBV      | 79634          | 129753        | 7.48%           | 0.998%        |
| 24        | 15.215      | 2207          | 2214        | 2219         | rBV      | 73616          | 140663        | 8.11%           | 1.082%        |
| 25        | 15.274      | 2220          | 2224        | 2232         | rVV6     | 36338          | 79464         | 4.58%           | 0.611%        |
| 26        | 15.551      | 2265          | 2271        | 2289         | rVB      | 352691         | 591531        | 34.10%          | 4.551%        |
| 27        | 15.804      | 2309          | 2314        | 2320         | rBV      | 44087          | 81154         | 4.68%           | 0.624%        |
| 28        | 16.462      | 2421          | 2426        | 2435         | rVB      | 33557          | 80968         | 4.67%           | 0.623%        |
| 29        | 16.880      | 2490          | 2497        | 2514         | rBV3     | 56880          | 176988        | 10.20%          | 1.362%        |

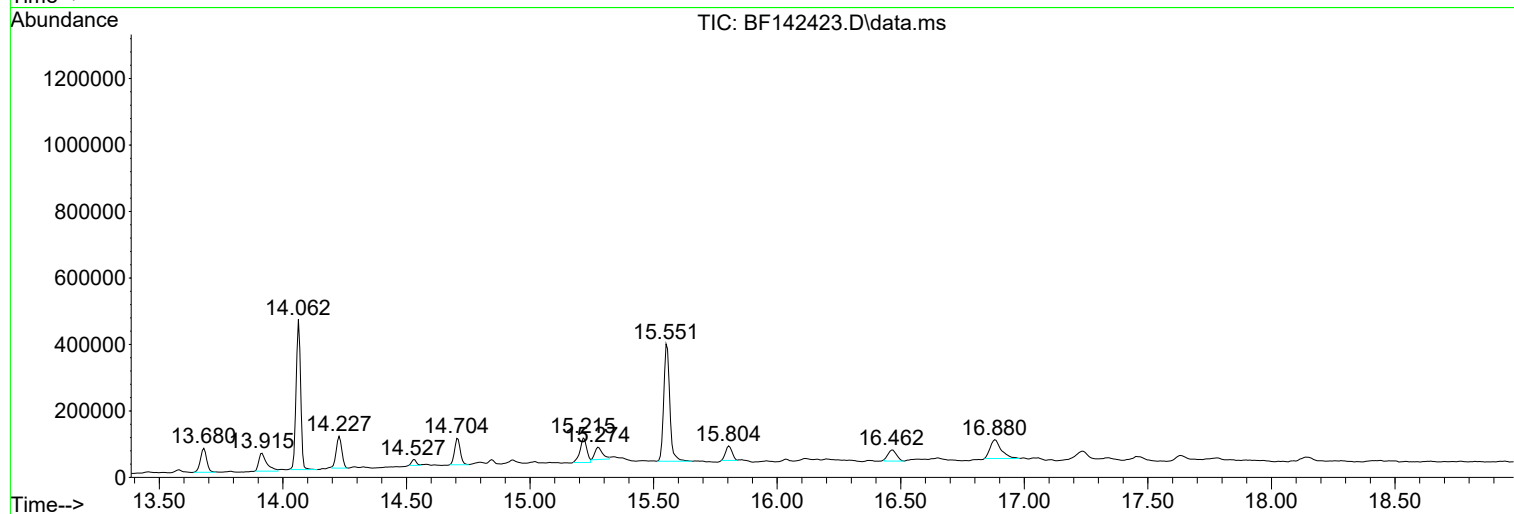
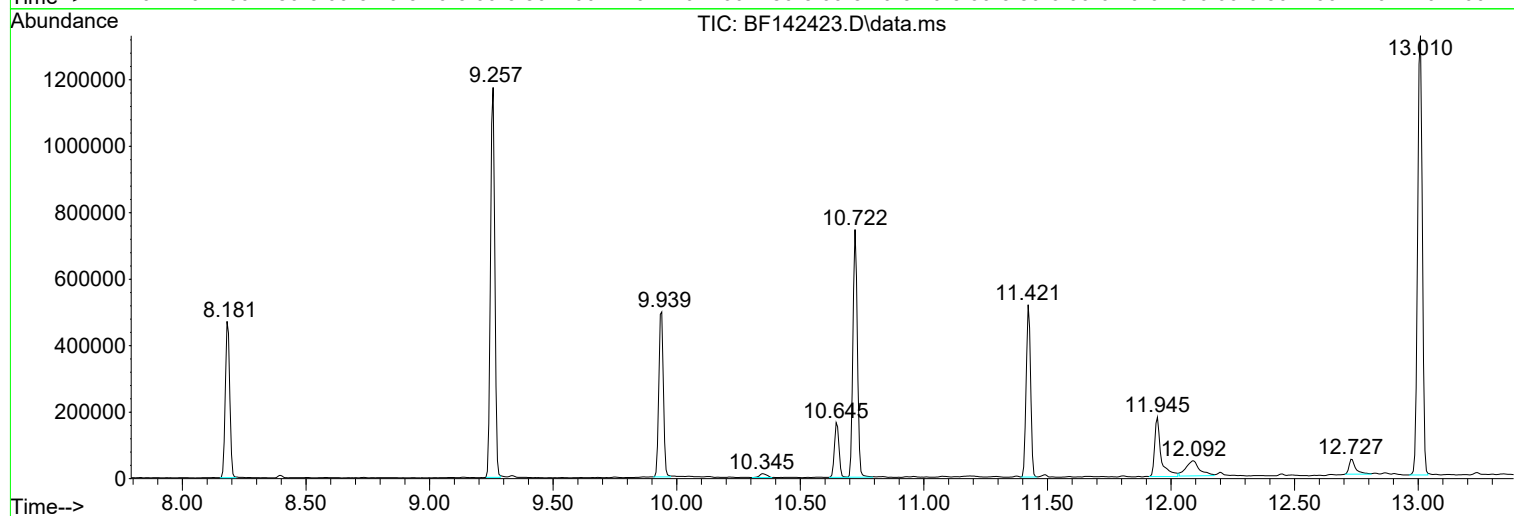
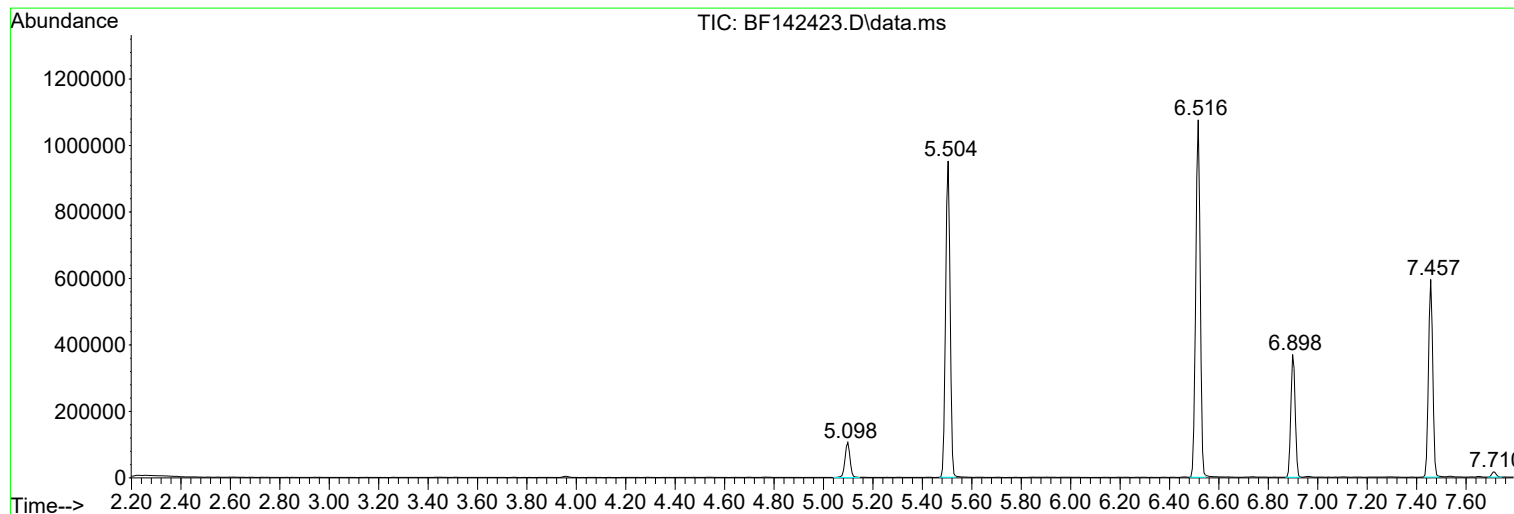
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.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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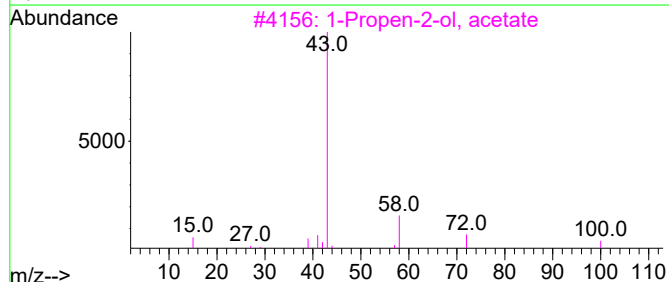
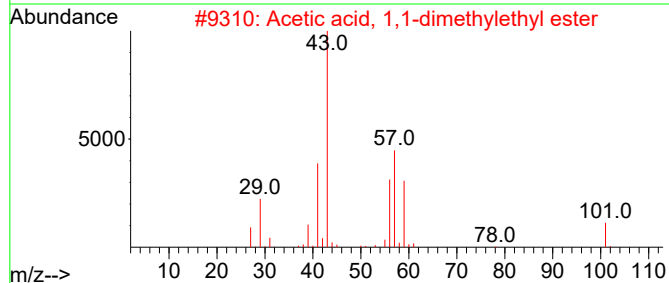
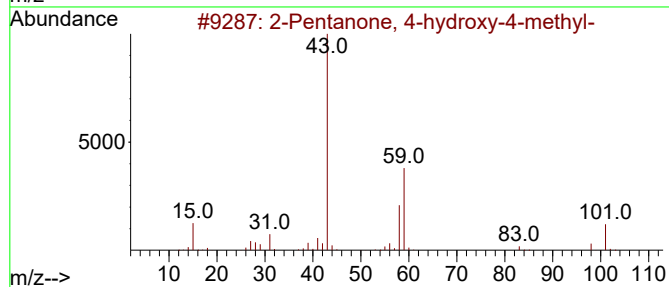
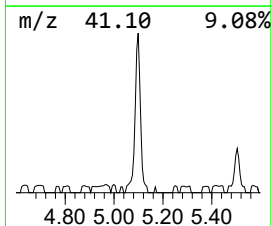
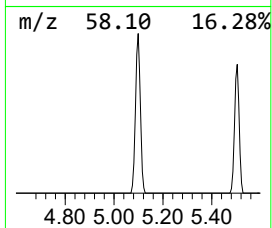
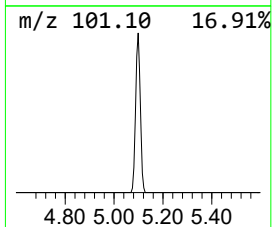
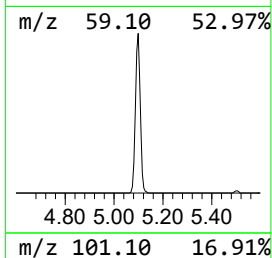
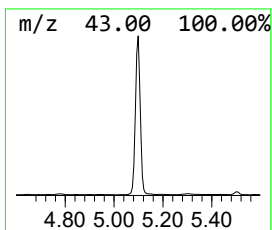
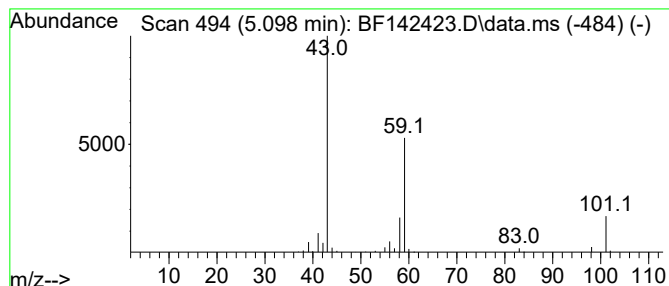
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.098 | 6.65 ng | 150053 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 59   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 23   |
| 3    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2  | 000108-22-5 | 12   |
| 4    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 10   |
| 5    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO | 000109-02-4 | 9    |



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Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

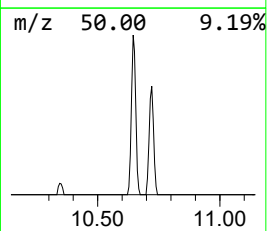
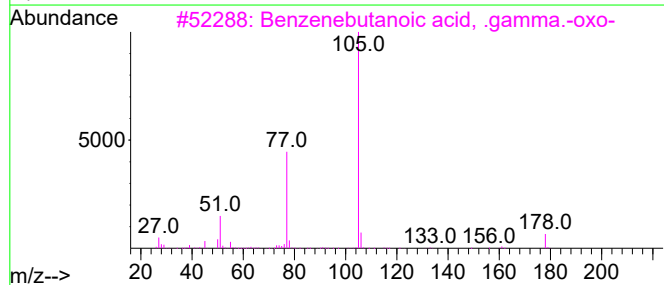
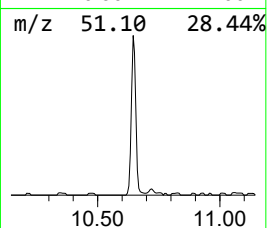
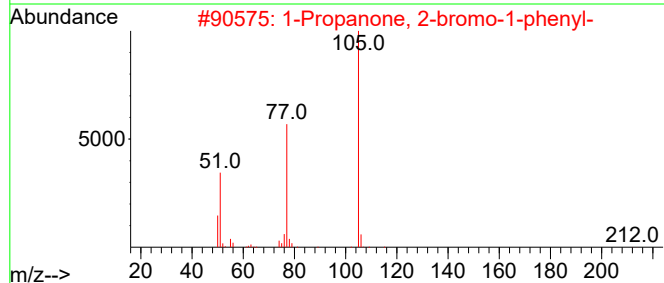
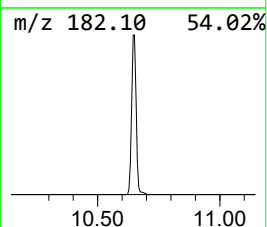
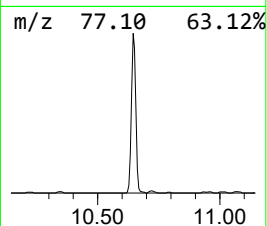
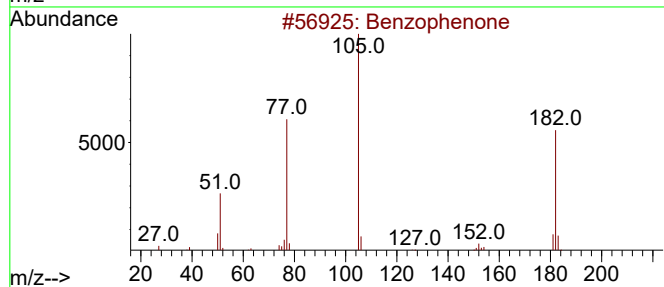
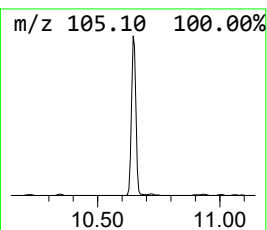
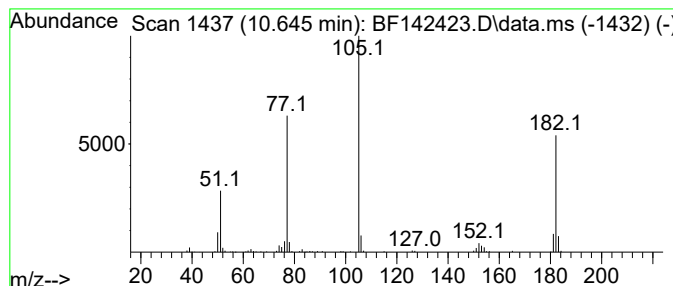
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.645 | 6.52 ng | 208981 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9  | 96   |
| 2    |    |   | 1-Propanone, 2-bromo-1-phenyl-      | 212 | C9H9BrO    | 002114-00-3  | 50   |
| 3    |    |   | Benzenebutanoic acid, .gamma.-oxo-  | 178 | C10H10O3   | 002051-95-8  | 50   |
| 4    |    |   | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O   | 1000296-76-9 | 50   |
| 5    |    |   | Disulfide, dibenzoyl                | 274 | C14H10O2S2 | 000644-32-6  | 50   |



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Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

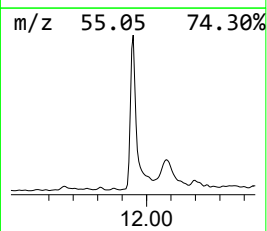
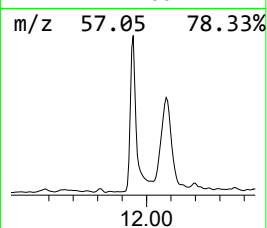
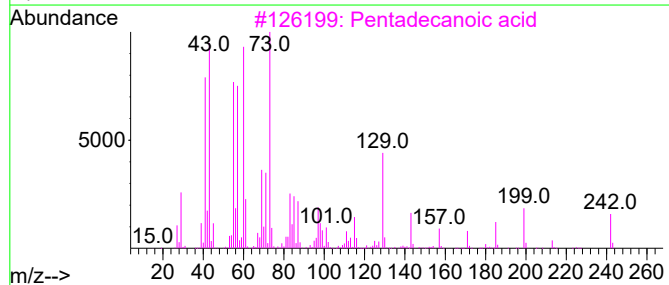
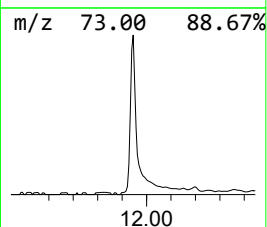
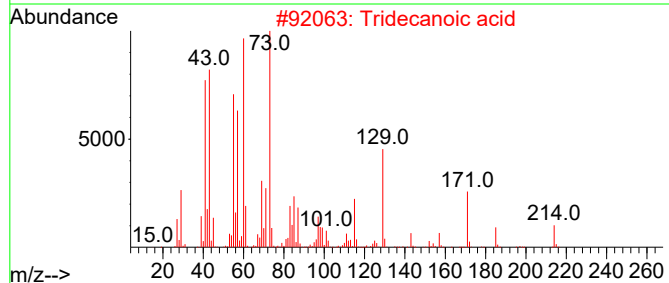
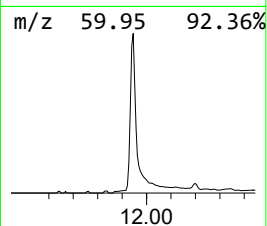
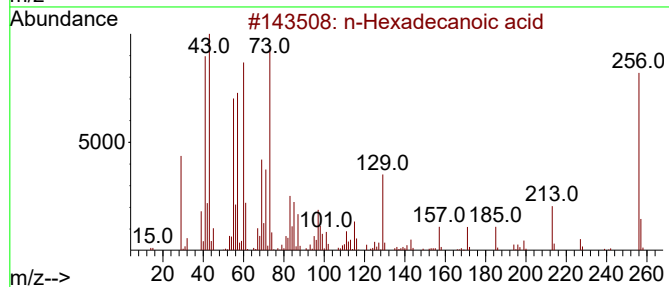
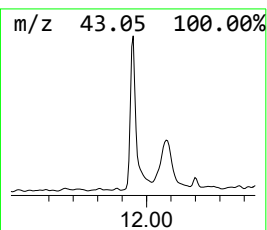
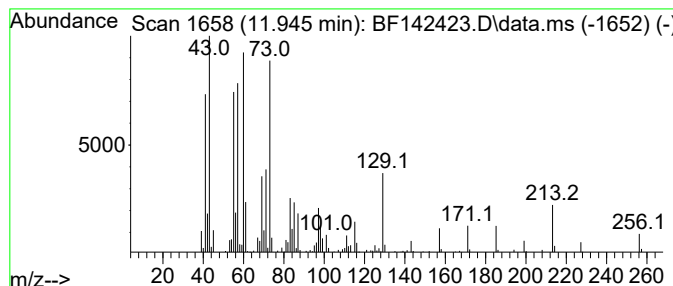
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.945 | 10.07 ng | 322554 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 68   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 64   |



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BNA\_F  
ClientSampleId :  
L2-WC-1

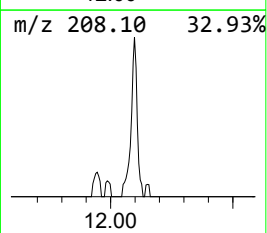
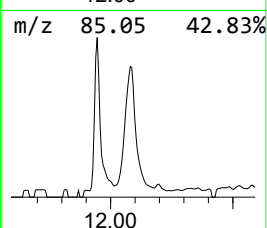
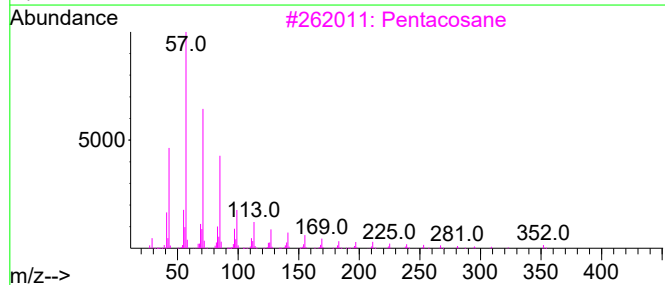
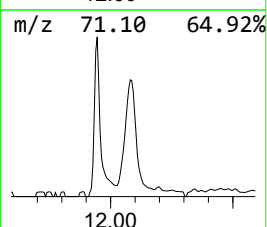
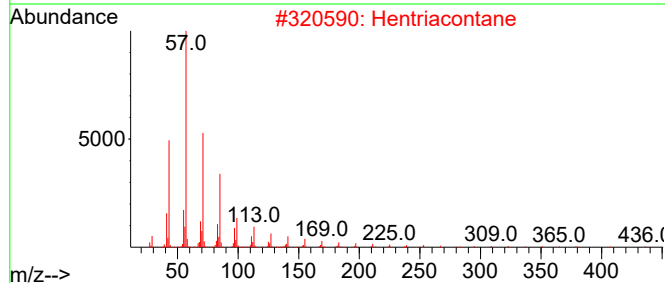
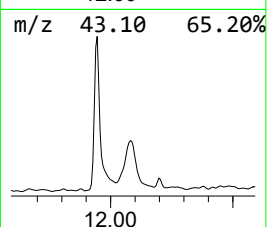
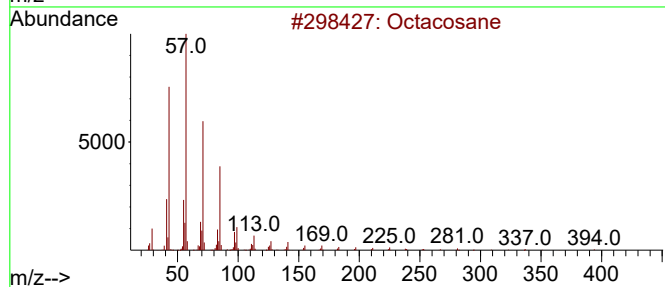
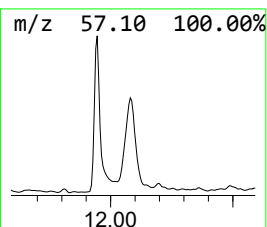
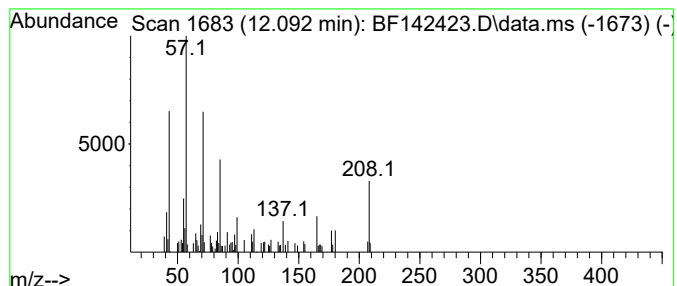
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TIC Library : C:\Database\NIST20.L  
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Peak Number 4 Octacosane Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.092 | 5.44 ng | 174360 | Phenanthrene-d10 | 11.422 |

| Hit# | of 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|------|----------------|-----|---------|-------------|------|
| 1    |      | Octacosane     | 394 | C28H58  | 000630-02-4 | 64   |
| 2    |      | Hentriacontane | 437 | C31H64  | 000630-04-6 | 58   |
| 3    |      | Pentacosane    | 352 | C25H52  | 000629-99-2 | 58   |
| 4    |      | Heneicosane    | 296 | C21H44  | 000629-94-7 | 53   |
| 5    |      | Eicosane       | 282 | C20H42  | 000112-95-8 | 52   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

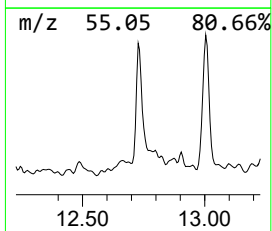
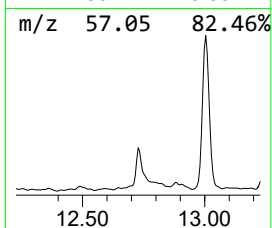
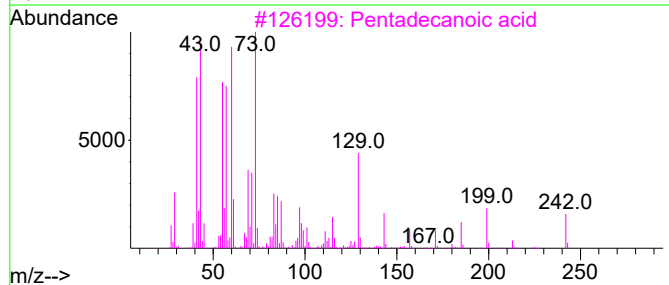
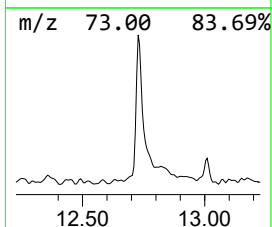
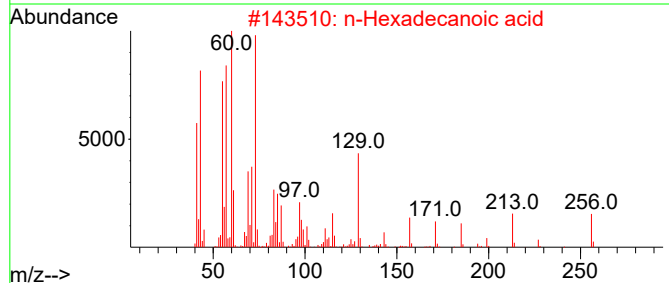
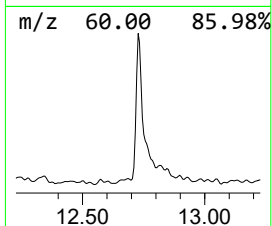
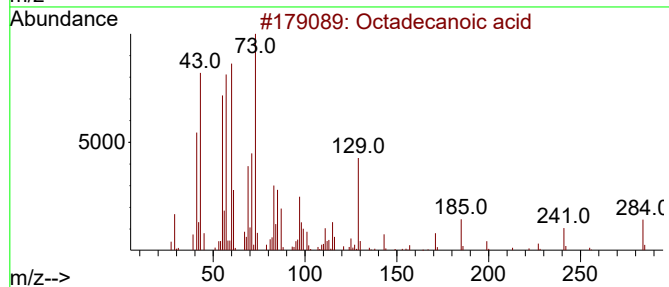
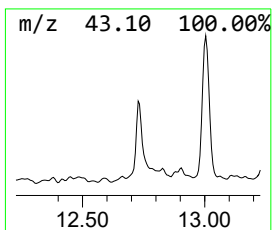
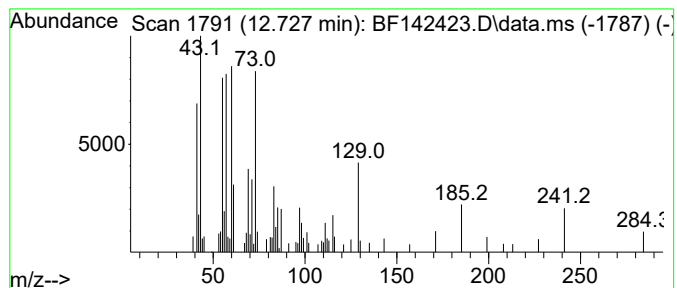
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Peak Number 5 Octadecanoic acid Concentration Rank 14

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.727 | 2.62 ng | 83982 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 95   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 80   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

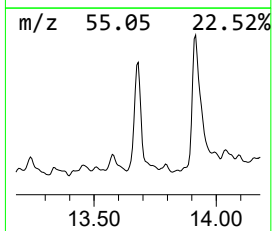
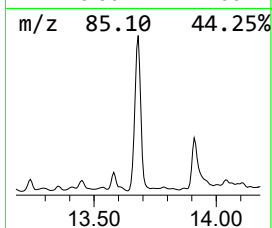
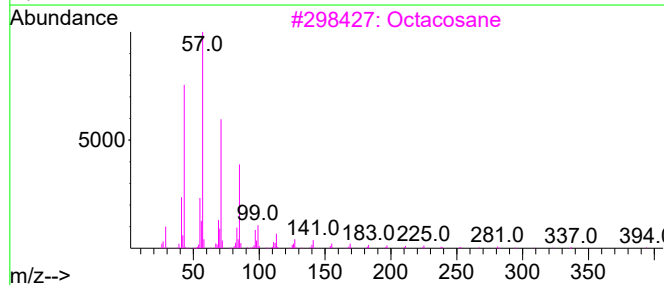
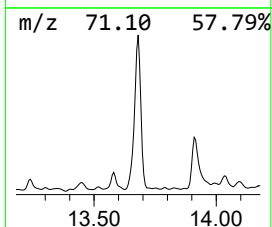
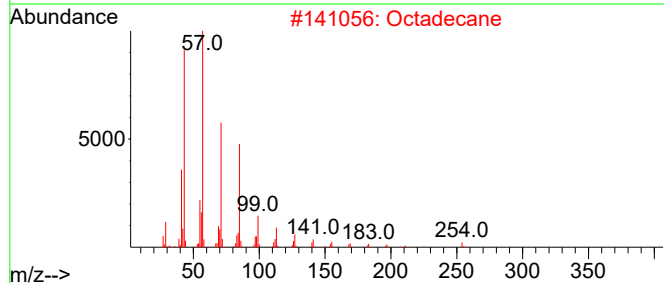
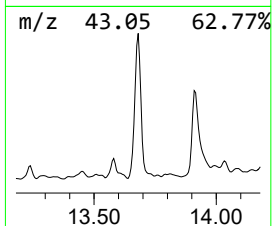
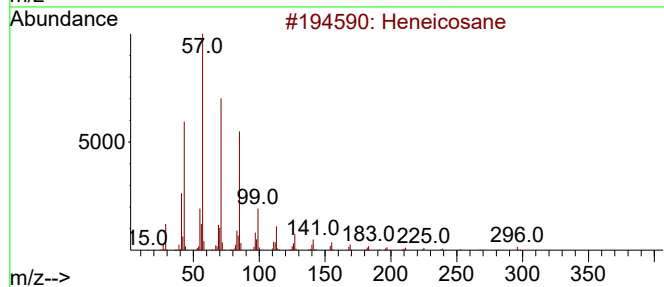
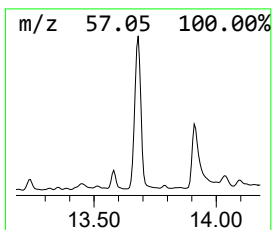
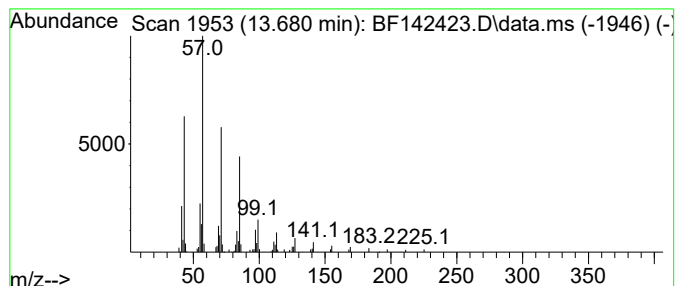
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Heneicosane Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.680 | 4.44 ng | 127563 | Chrysene-d12     | 14.063 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    |   | Octadecane   | 254 | C18H38  | 000593-45-3 | 91   |
| 3    |    |   | Octacosane   | 394 | C28H58  | 000630-02-4 | 91   |
| 4    |    |   | Hexacosane   | 366 | C26H54  | 000630-01-3 | 91   |
| 5    |    |   | Pentacosane  | 352 | C25H52  | 000629-99-2 | 90   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

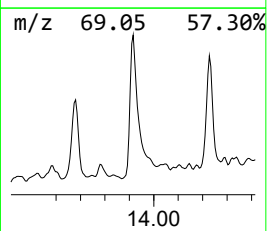
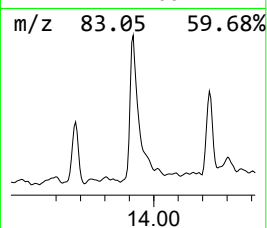
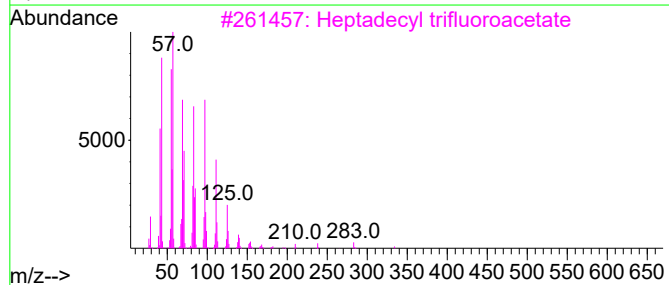
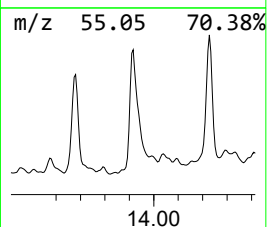
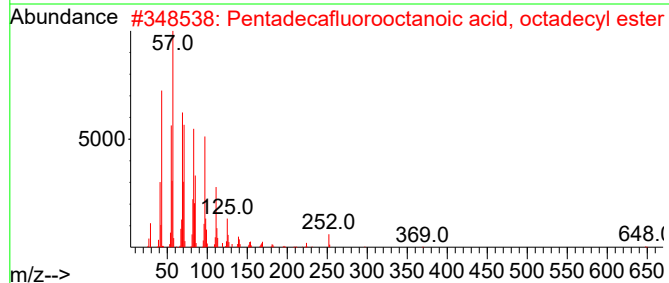
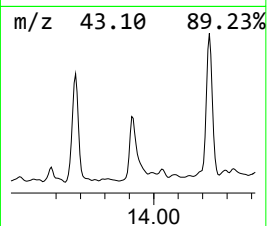
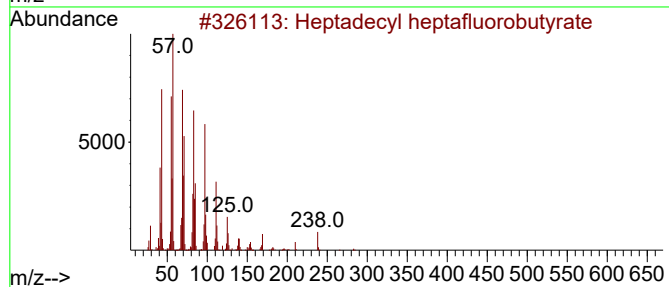
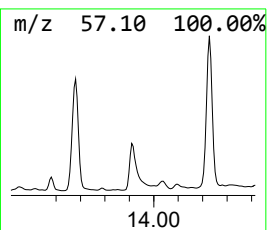
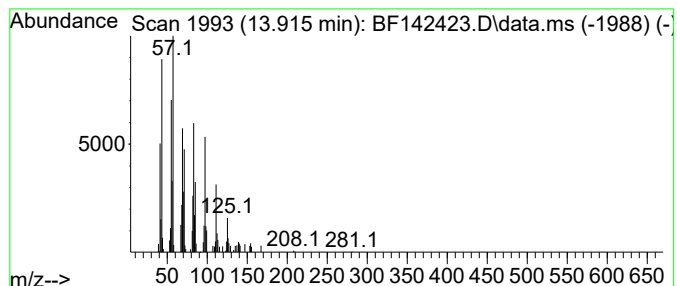
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Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.915 | 4.31 ng | 123788 | Chrysene-d12     | 14.063 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 95   |
| 2    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 95   |
| 3    |    |   | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2  | 1010351-87-0 | 95   |
| 4    |    |   | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2  | 006385-15-5  | 95   |
| 5    |    |   | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2  | 959218-78-1  | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

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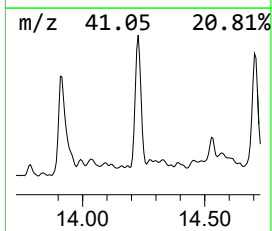
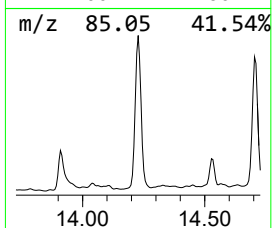
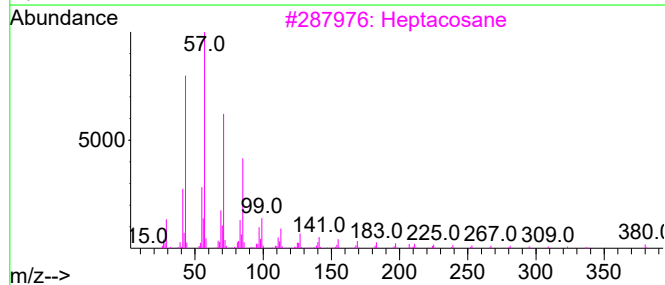
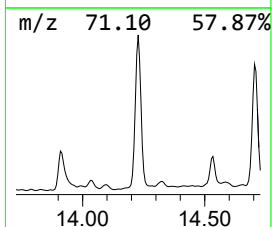
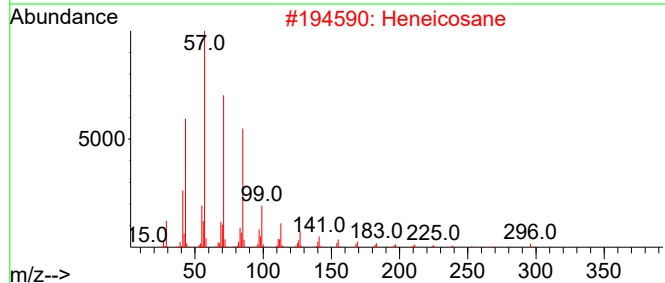
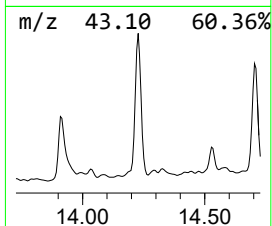
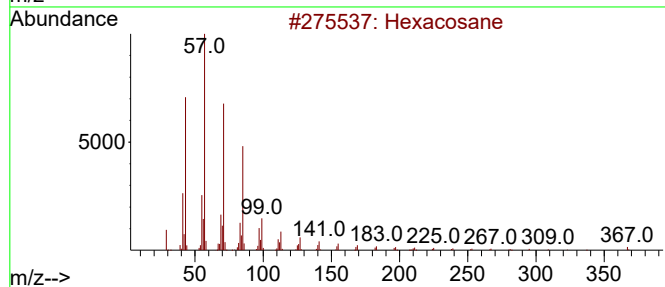
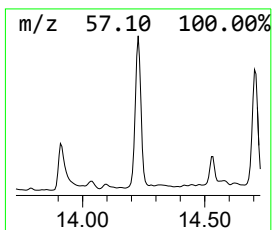
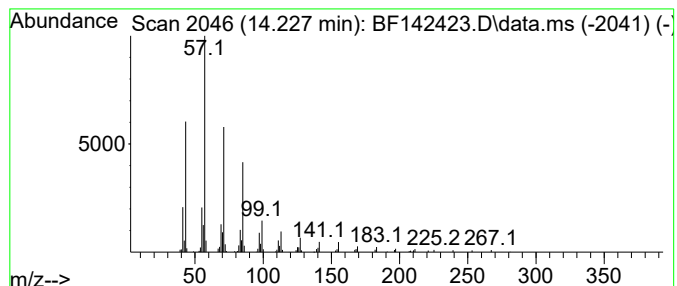
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Hexacosane Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.227 | 5.29 ng | 151960 | Chrysene-d12     | 14.063 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 94   |
| 2    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |
| 4    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 5    |    |   | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

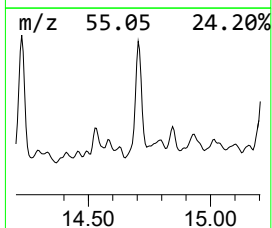
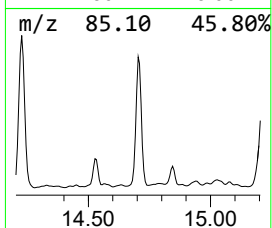
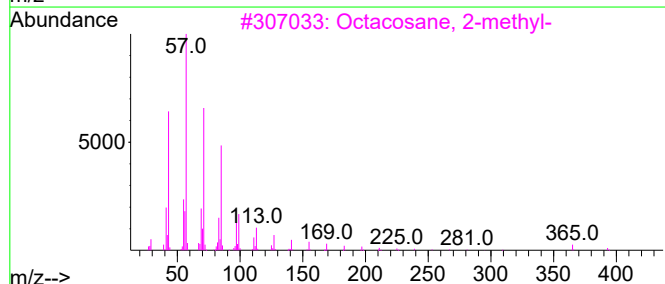
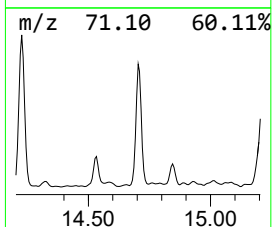
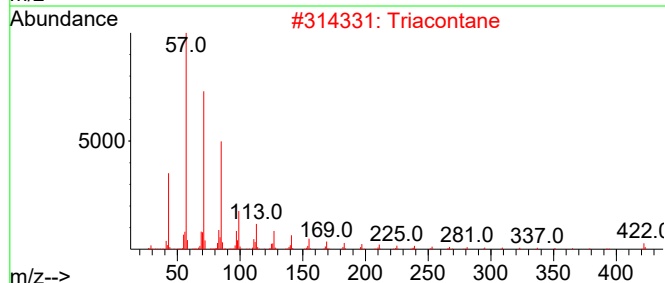
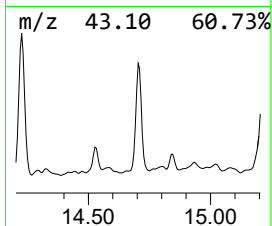
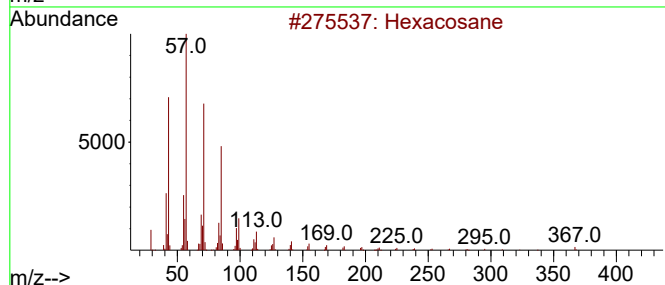
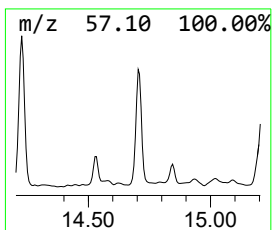
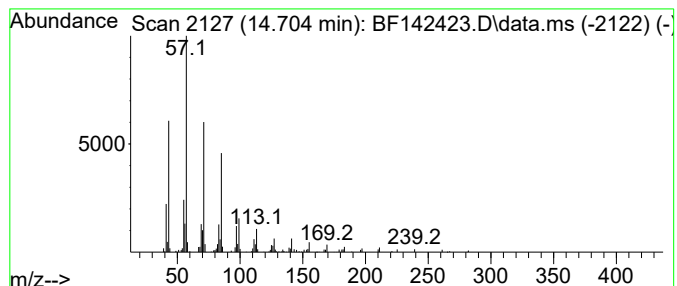
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Triacontane Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.704 | 4.52 ng | 129753 | Chrysene-d12     | 14.063 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 93   |
| 2    |    |   | Triacontane           | 422 | C30H62  | 000638-68-6 | 91   |
| 3    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 4    |    |   | Pentacosane           | 352 | C25H52  | 000629-99-2 | 91   |
| 5    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

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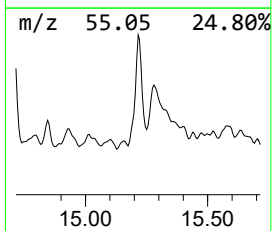
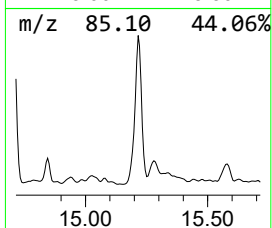
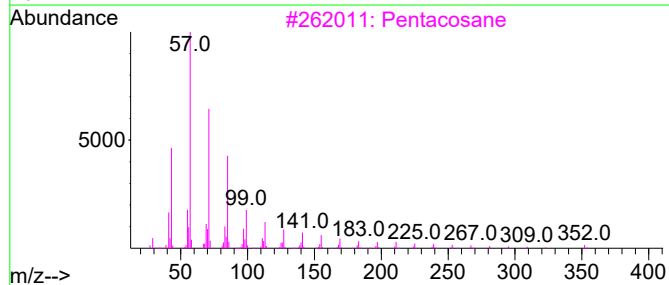
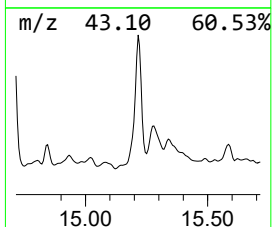
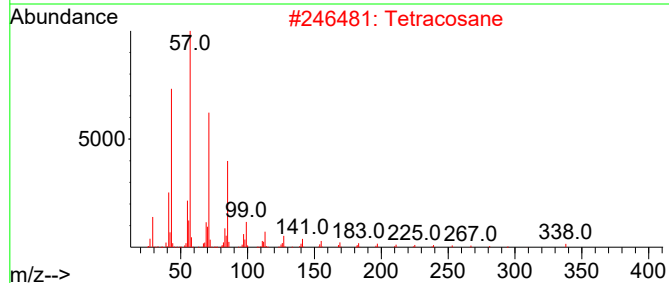
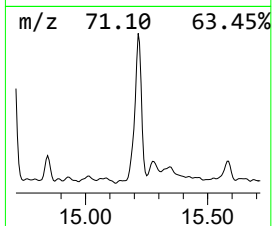
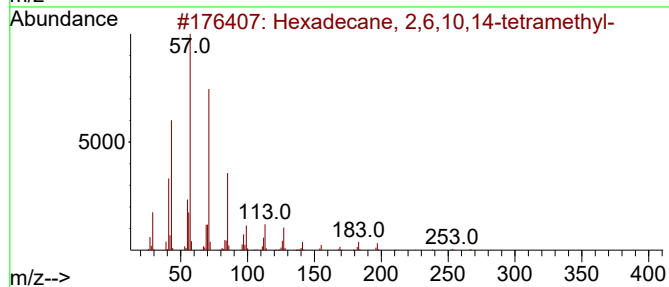
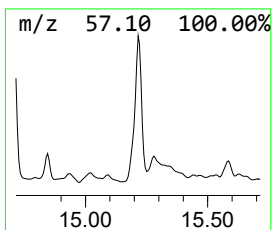
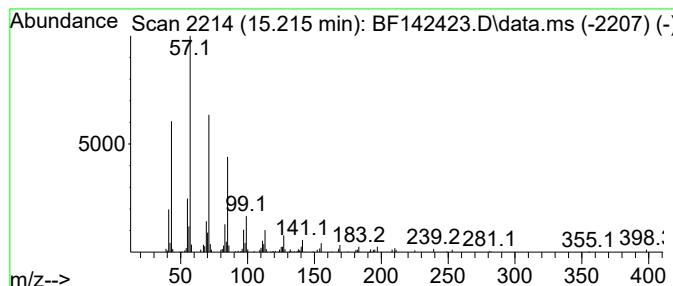
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.215 | 4.76 ng | 140663 | Perylene-d12     | 15.551 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 92   |
| 2    |      | Tetracosane                        | 338 | C24H50  | 000646-31-1 | 90   |
| 3    |      | Pentacosane                        | 352 | C25H52  | 000629-99-2 | 90   |
| 4    |      | Heptadecane, 9-octyl-              | 352 | C25H52  | 007225-64-1 | 90   |
| 5    |      | Heptacosane                        | 380 | C27H56  | 000593-49-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

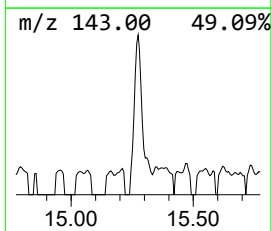
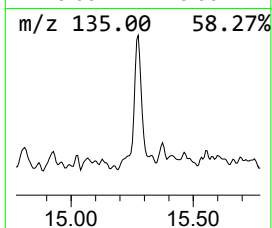
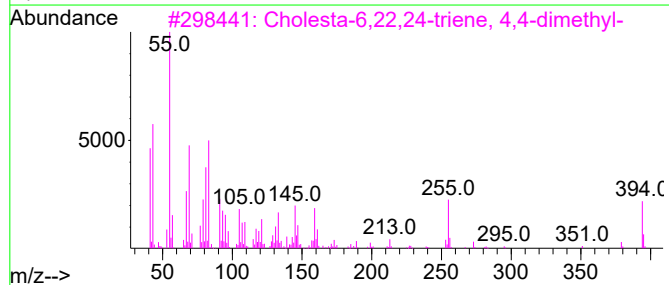
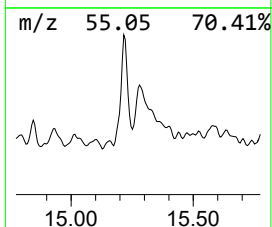
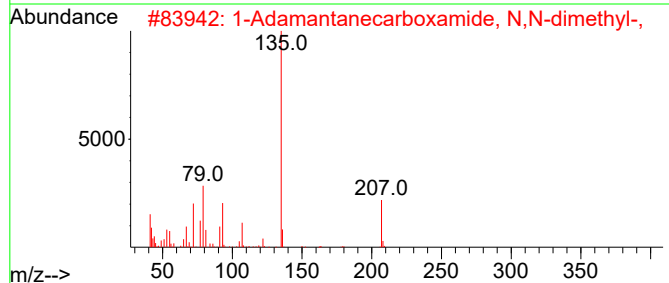
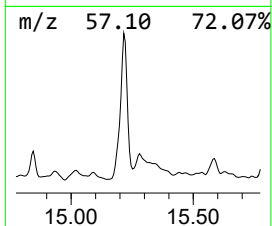
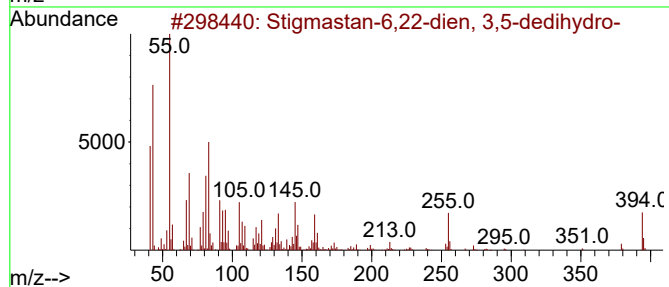
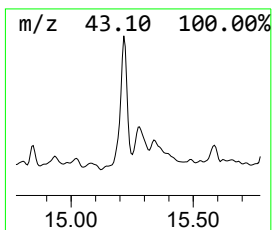
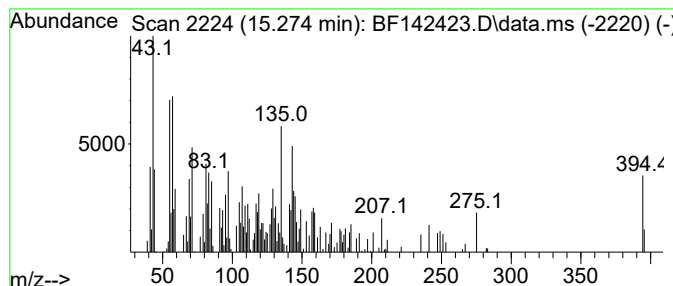
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown15.274 Concentration Rank 13

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.274 | 2.69 ng | 79464 | Perylene-d12     | 15.551 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Stigmastan-6,22-dien, 3,5-dedihi... | 394 | C29H46    | 107304-12-1  | 25   |
| 2    |    |   | 1-Adamantanecarboxamide, N,N-dim... | 207 | C13H21NO  | 001502-00-7  | 11   |
| 3    |    |   | Cholesta-6,22,24-triene, 4,4-dim... | 394 | C29H46    | 1000128-66-9 | 10   |
| 4    |    |   | N-Dodecanoyl-DL-homoserine lactone  | 283 | C16H29NO3 | 018627-38-8  | 10   |
| 5    |    |   | Hexestrol                           | 270 | C18H22O2  | 000084-16-2  | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

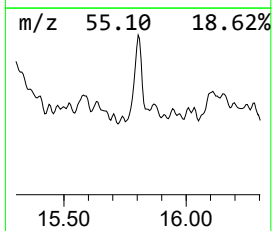
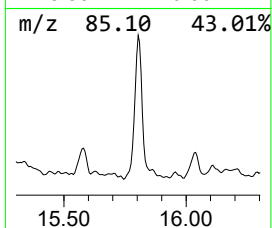
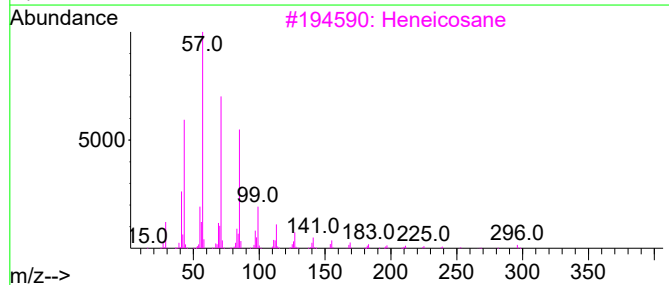
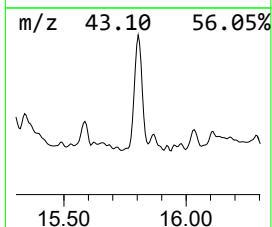
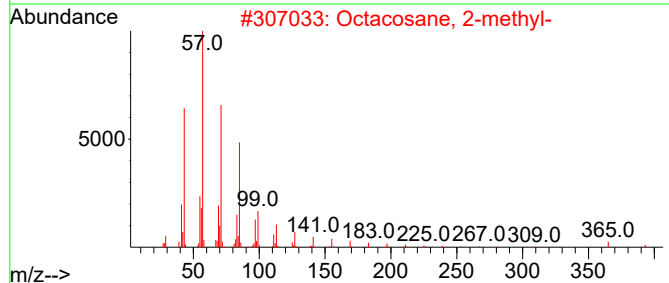
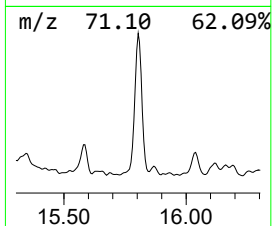
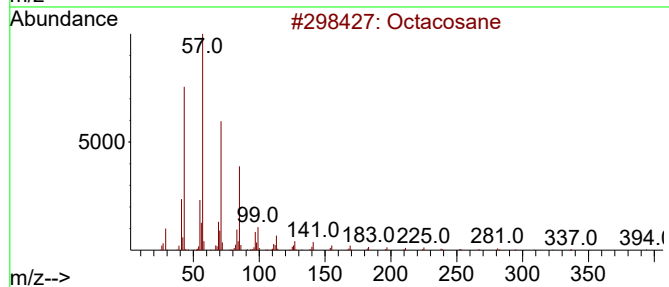
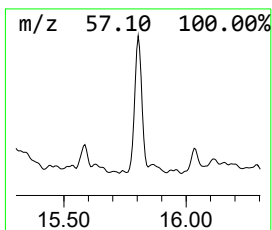
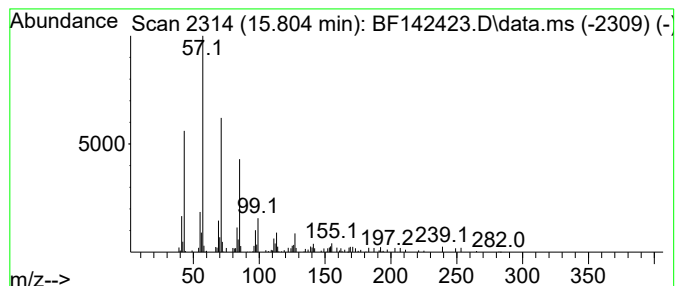
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Octacosane, 2-methyl- Concentration Rank 11

| R.T.      | EstConc                | Area  | Relative to ISTD | R.T.         |      |
|-----------|------------------------|-------|------------------|--------------|------|
| 15.804    | 2.74 ng                | 81154 | Perylene-d12     | 15.551       |      |
| Hit# of 5 | Tentative ID           | MW    | MolForm          | CAS#         | Qual |
| 1         | Octacosane             | 394   | C28H58           | 000630-02-4  | 91   |
| 2         | Octacosane, 2-methyl-  | 408   | C29H60           | 001560-98-1  | 91   |
| 3         | Heneicosane            | 296   | C21H44           | 000629-94-7  | 90   |
| 4         | Dotriacontane, 1-iodo- | 576   | C32H65I          | 1000406-32-4 | 90   |
| 5         | Eicosane               | 282   | C20H42           | 000112-95-8  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

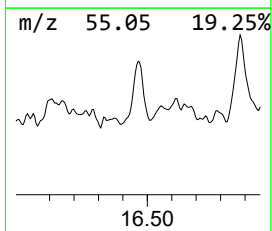
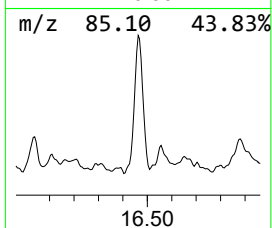
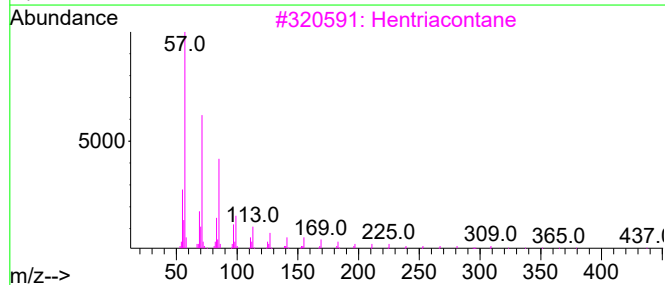
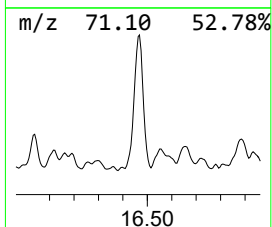
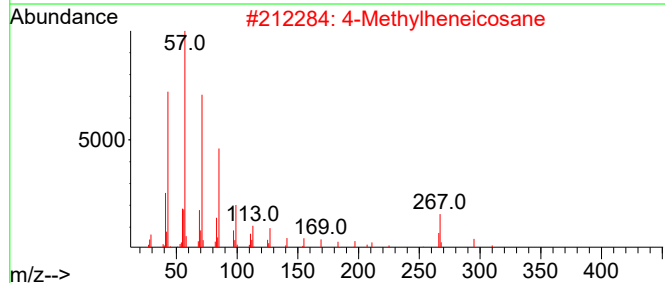
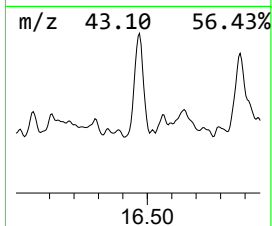
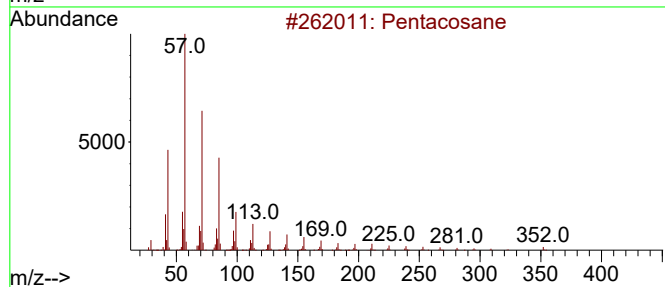
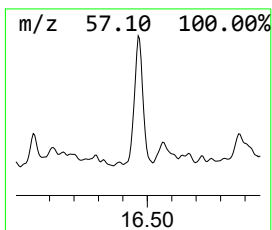
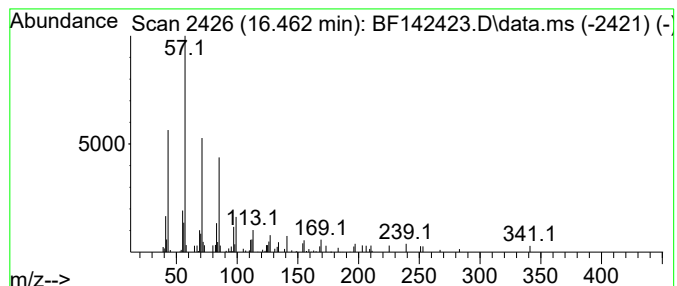
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Pentacosane Concentration Rank 12

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 16.462 | 2.74 ng | 80968 | Perylene-d12     | 15.551 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentacosane            | 352 | C25H52  | 000629-99-2 | 90   |
| 2    |    |   | 4-Methylheneicosane    | 310 | C22H46  | 025117-29-7 | 90   |
| 3    |    |   | Hentriacontane         | 437 | C31H64  | 000630-04-6 | 90   |
| 4    |    |   | Tetracosane, 11-decyl- | 479 | C34H70  | 055429-84-0 | 87   |
| 5    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

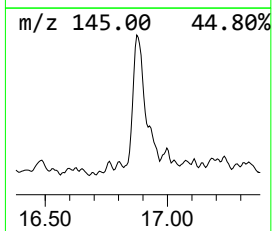
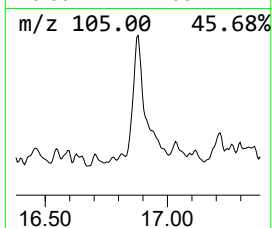
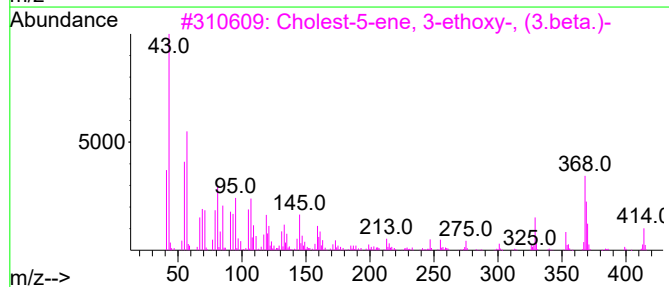
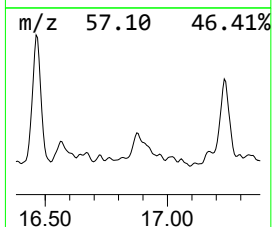
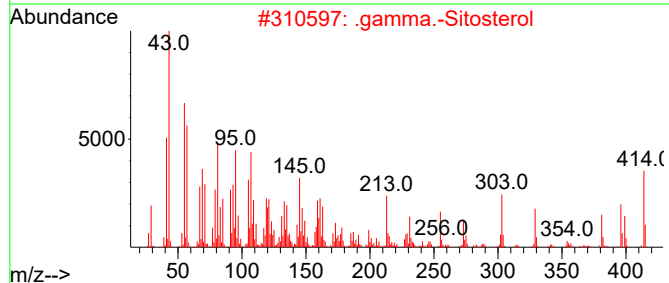
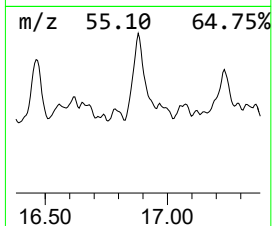
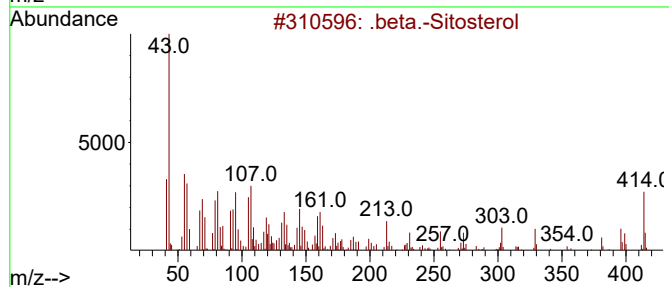
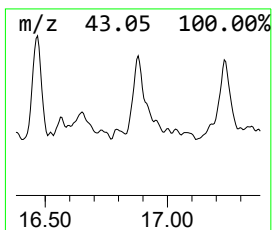
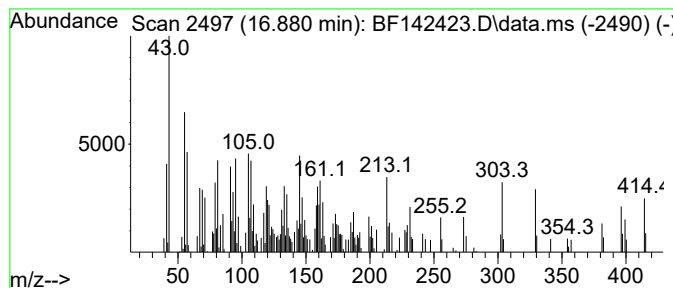
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 .beta.-Sitosterol Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.880 | 5.98 ng | 176988 | Perylene-d12     | 15.551 |

| Hit# | of                                  | 5                        | Tentative ID | MW          | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------------------|--------------|-------------|-------------|------|------|
| 1    | .                                   | beta.-Sitosterol         | 414          | C29H50O     | 000083-46-5 | 98   |      |
| 2    | .                                   | gamma.-Sitosterol        | 414          | C29H50O     | 000083-47-6 | 98   |      |
| 3    | Cholest-5-ene, 3-ethoxy-, (3.bet... | 414                      | C29H50O      | 000986-19-6 | 83          |      |      |
| 4    | .                                   | beta.-Sitosterol acetate | 456          | C31H52O2    | 000915-05-9 | 46   |      |
| 5    | (3S,8S,9S,10R,13R,14S,17R)-17-((... | 414                      | C29H50O      | 029365-29-5 | 45          |      |      |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142423.D  
Acq On : 16 May 2025 13:19  
Operator : RC/JU  
Sample : Q2048-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
L2-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.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 |
| 2-Pentanone, 4-... | 5.098  | 6.7     | ng    | 150053   | 1                     | 6.898  | 451624 | 20.0 |
| Benzophenone       | 10.645 | 6.5     | ng    | 208981   | 3                     | 9.939  | 641261 | 20.0 |
| n-Hexadecanoic ... | 11.945 | 10.1    | ng    | 322554   | 4                     | 11.422 | 640699 | 20.0 |
| Octacosane         | 12.092 | 5.4     | ng    | 174360   | 4                     | 11.422 | 640699 | 20.0 |
| Octadecanoic acid  | 12.727 | 2.6     | ng    | 83982    | 4                     | 11.422 | 640699 | 20.0 |
| Heneicosane        | 13.680 | 4.4     | ng    | 127563   | 5                     | 14.063 | 574502 | 20.0 |
| Heptadecyl hept... | 13.915 | 4.3     | ng    | 123788   | 5                     | 14.063 | 574502 | 20.0 |
| Hexacosane         | 14.227 | 5.3     | ng    | 151960   | 5                     | 14.063 | 574502 | 20.0 |
| Triacontane        | 14.704 | 4.5     | ng    | 129753   | 5                     | 14.063 | 574502 | 20.0 |
| Hexadecane, 2,6... | 15.215 | 4.8     | ng    | 140663   | 6                     | 15.551 | 591531 | 20.0 |
| unknown15.274      | 15.274 | 2.7     | ng    | 79464    | 6                     | 15.551 | 591531 | 20.0 |
| Octacosane, 2-m... | 15.804 | 2.7     | ng    | 81154    | 6                     | 15.551 | 591531 | 20.0 |
| Pentacosane        | 16.462 | 2.7     | ng    | 80968    | 6                     | 15.551 | 591531 | 20.0 |
| .beta.-Sitosterol  | 16.880 | 6.0     | ng    | 176988   | 6                     | 15.551 | 591531 | 20.0 |