

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082125\  
 Data File : BF143561.D  
 Acq On : 22 Aug 2025 07:09  
 Operator : RC/JU  
 Sample : Q2892-02  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1-FLOOR-NORTH-EAST-CORNER-BACK-A

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-BF082025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143561.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         | 2.269       | 5             | 13          | 26           | rVB      | 678472         | 1071874       | 48.26%          | 6.421%        |
| 2         | 5.157       | 495           | 504         | 519          | rBV2     | 126468         | 215379        | 9.70%           | 1.290%        |
| 3         | 5.563       | 568           | 573         | 592          | rBV      | 1393377        | 1842058       | 82.94%          | 11.036%       |
| 4         | 6.557       | 737           | 742         | 773          | rBV      | 1340943        | 1867015       | 84.06%          | 11.185%       |
| 5         | 6.922       | 800           | 804         | 813          | rBV      | 482658         | 619249        | 27.88%          | 3.710%        |
| 6         | 7.481       | 894           | 899         | 911          | rBV      | 931026         | 1245621       | 56.08%          | 7.462%        |
| 7         | 8.204       | 1017          | 1022        | 1036         | rBV      | 610199         | 787835        | 35.47%          | 4.720%        |
| 8         | 9.281       | 1199          | 1205        | 1210         | rBV      | 1790584        | 2220970       | 100.00%         | 13.306%       |
| 9         | 9.963       | 1312          | 1321        | 1334         | rBV      | 650018         | 816665        | 36.77%          | 4.893%        |
| 10        | 10.669      | 1436          | 1441        | 1450         | rBV      | 141034         | 182681        | 8.23%           | 1.094%        |
| 11        | 10.751      | 1450          | 1455        | 1470         | rVV      | 801405         | 1035246       | 46.61%          | 6.202%        |
| 12        | 11.451      | 1568          | 1574        | 1589         | rVB      | 484561         | 653833        | 29.44%          | 3.917%        |
| 13        | 11.975      | 1655          | 1663        | 1676         | rBV2     | 62087          | 124942        | 5.63%           | 0.749%        |
| 14        | 12.669      | 1777          | 1781        | 1784         | rBV      | 20820          | 29449         | 1.33%           | 0.176%        |
| 15        | 12.792      | 1798          | 1802        | 1808         | rVB      | 35323          | 49684         | 2.24%           | 0.298%        |
| 16        | 12.898      | 1815          | 1820        | 1823         | rBV      | 19813          | 29442         | 1.33%           | 0.176%        |
| 17        | 13.033      | 1837          | 1843        | 1853         | rBV      | 1233548        | 1552294       | 69.89%          | 9.300%        |
| 18        | 13.604      | 1935          | 1940        | 1948         | rVB      | 16233          | 24890         | 1.12%           | 0.149%        |
| 19        | 13.933      | 1991          | 1996        | 2014         | rVB4     | 35715          | 102200        | 4.60%           | 0.612%        |
| 20        | 14.092      | 2018          | 2023        | 2038         | rVB      | 441267         | 608226        | 27.39%          | 3.644%        |
| 21        | 14.245      | 2045          | 2049        | 2055         | rBV      | 24204          | 34719         | 1.56%           | 0.208%        |
| 22        | 14.551      | 2097          | 2101        | 2105         | rBV      | 36841          | 47986         | 2.16%           | 0.287%        |
| 23        | 14.863      | 2150          | 2154        | 2159         | rVB      | 27234          | 36401         | 1.64%           | 0.218%        |
| 24        | 14.945      | 2163          | 2168        | 2173         | rVB      | 39961          | 57780         | 2.60%           | 0.346%        |
| 25        | 15.157      | 2200          | 2204        | 2208         | rBV      | 17396          | 30377         | 1.37%           | 0.182%        |
| 26        | 15.210      | 2208          | 2213        | 2219         | rVB      | 122401         | 176809        | 7.96%           | 1.059%        |
| 27        | 15.592      | 2272          | 2278        | 2288         | rBV      | 407575         | 657472        | 29.60%          | 3.939%        |
| 28        | 15.810      | 2311          | 2315        | 2321         | rVB3     | 18759          | 29294         | 1.32%           | 0.175%        |
| 29        | 16.051      | 2350          | 2356        | 2363         | rBV      | 140239         | 244177        | 10.99%          | 1.463%        |
| 30        | 16.880      | 2491          | 2497        | 2506         | rVB2     | 26791          | 55222         | 2.49%           | 0.331%        |
| 31        | 17.192      | 2544          | 2550        | 2560         | rVB      | 60516          | 130994        | 5.90%           | 0.785%        |
| 32        | 18.792      | 2815          | 2822        | 2842         | rVB8     | 32005          | 111234        | 5.01%           | 0.666%        |

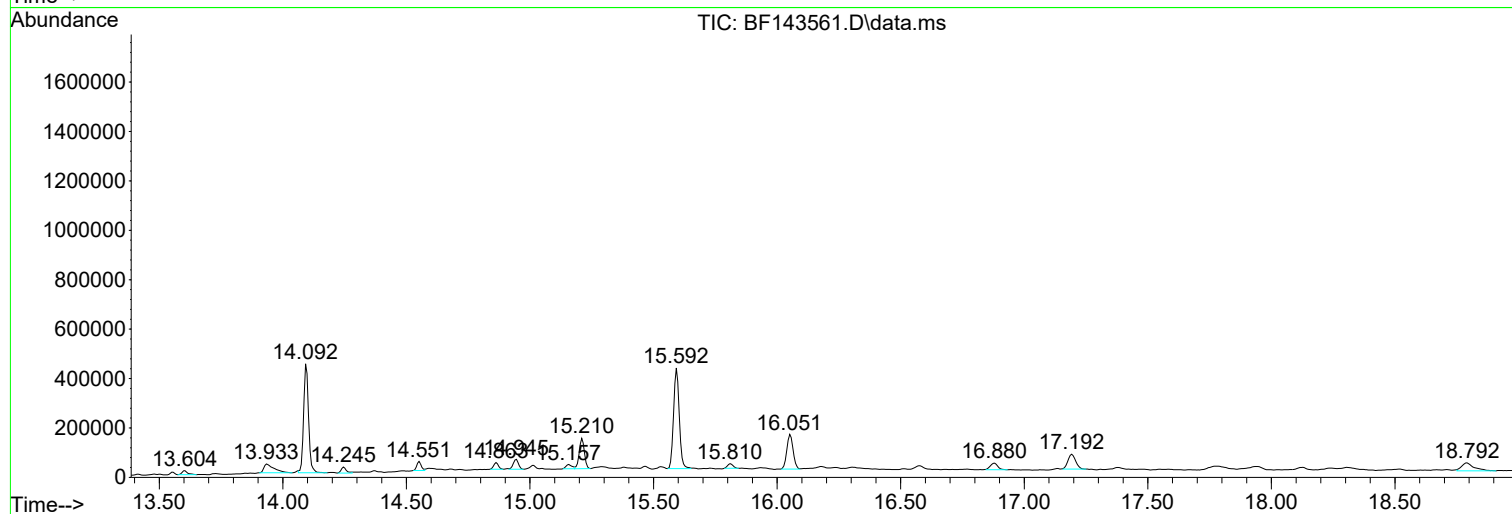
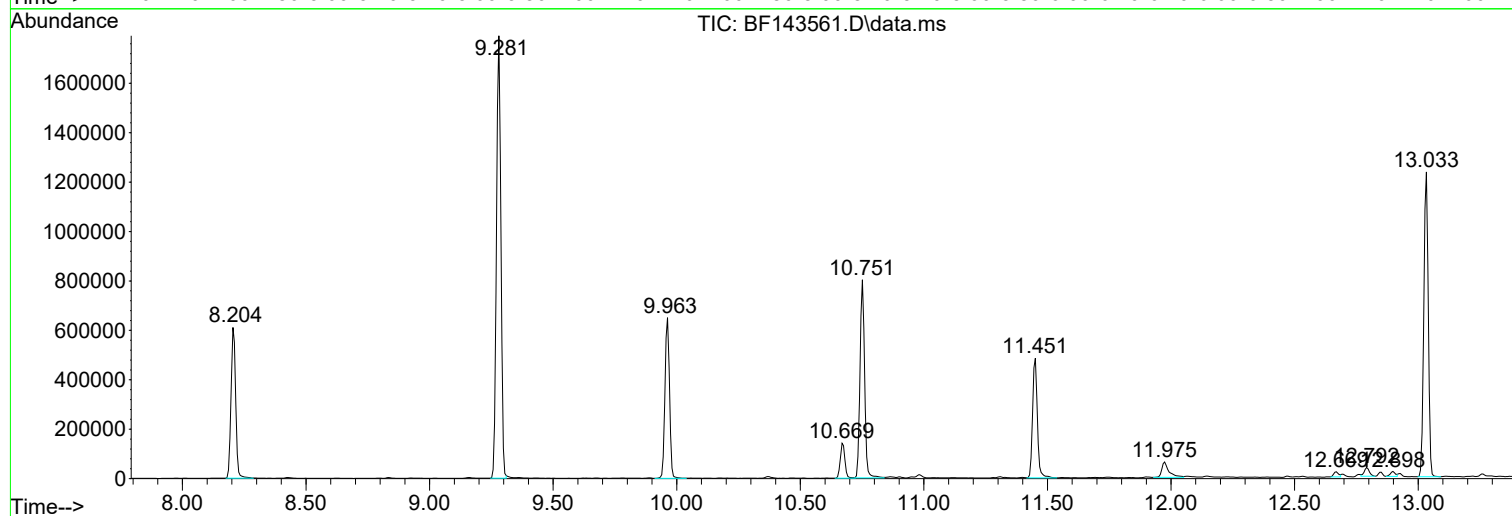
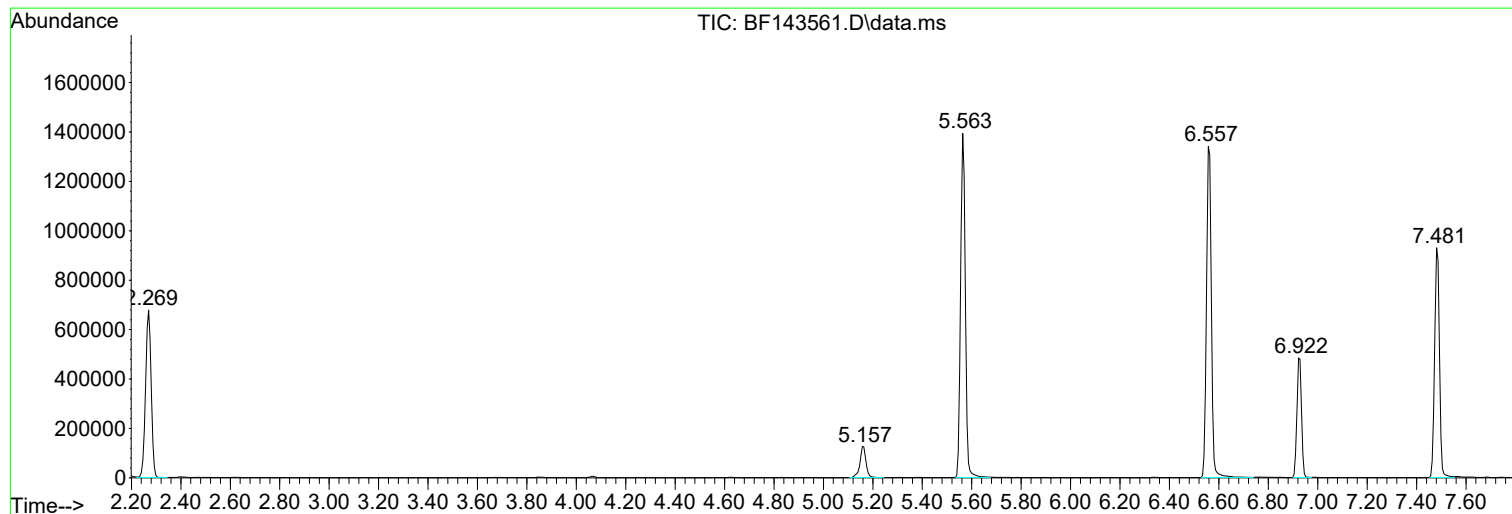
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Misc :  
ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId :  
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.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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BNA\_F  
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1-FLOOR-NORTH-EAST-CORNER-BACK-A

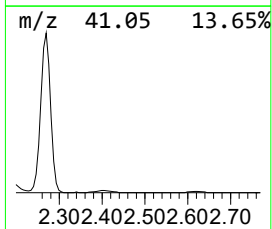
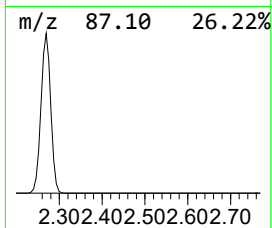
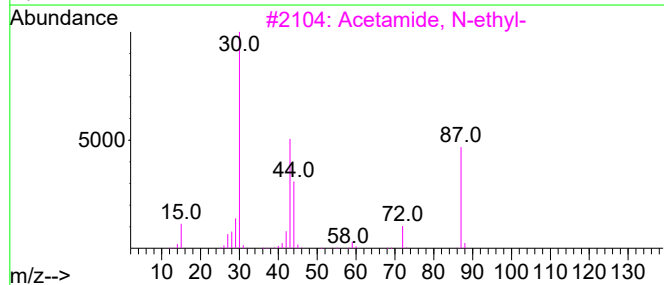
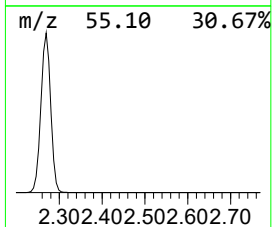
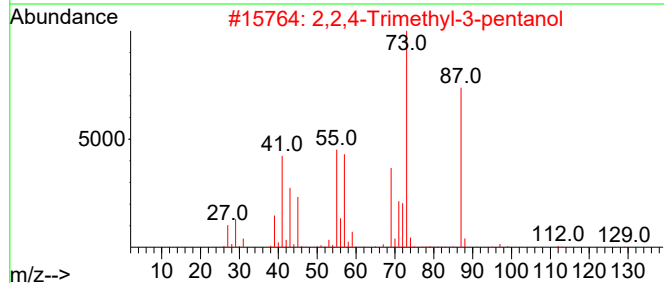
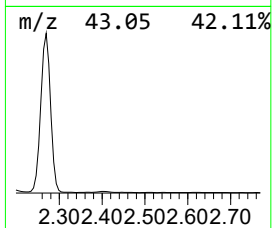
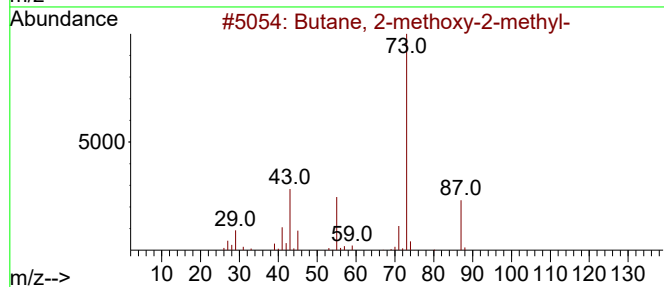
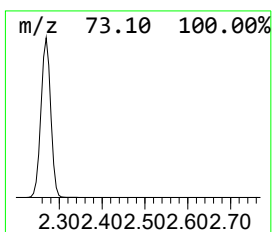
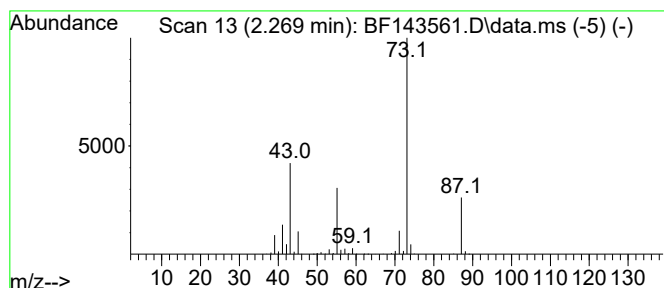
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.269 | 34.62 ng | 1071870 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-      | 102 | C6H14O   | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol       | 130 | C8H18O   | 005162-48-1 | 39   |
| 3    |    |   | Acetamide, N-ethyl-              | 87  | C4H9NO   | 000625-50-3 | 27   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-         | 88  | C4H8O2   | 000497-26-7 | 25   |
| 5    |    |   | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7 | 17   |



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BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

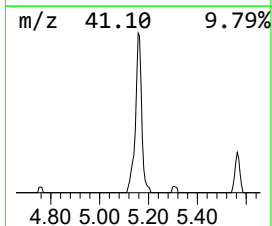
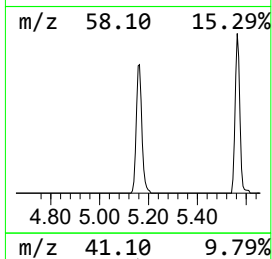
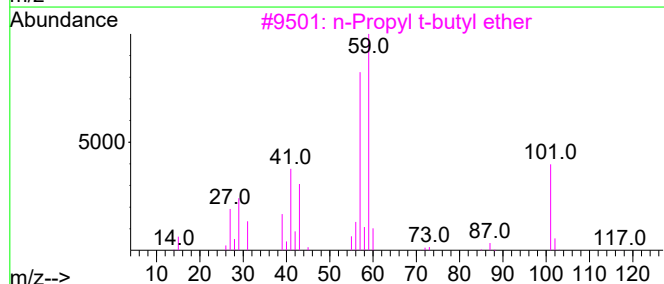
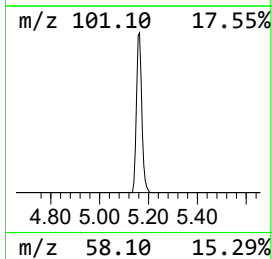
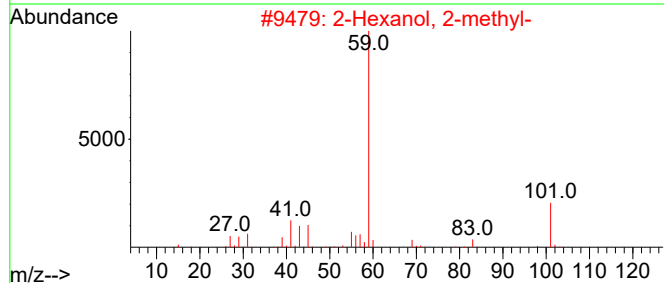
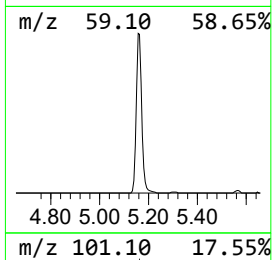
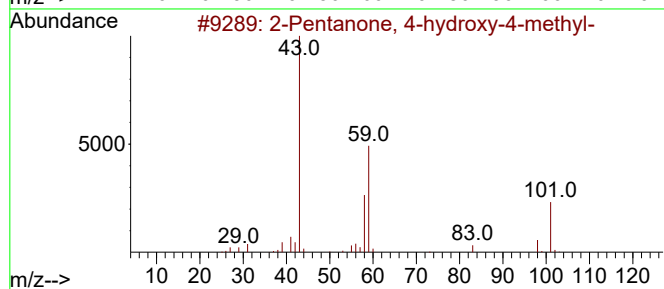
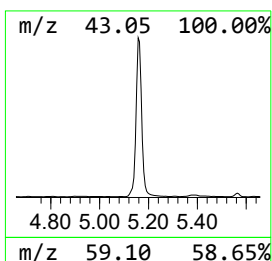
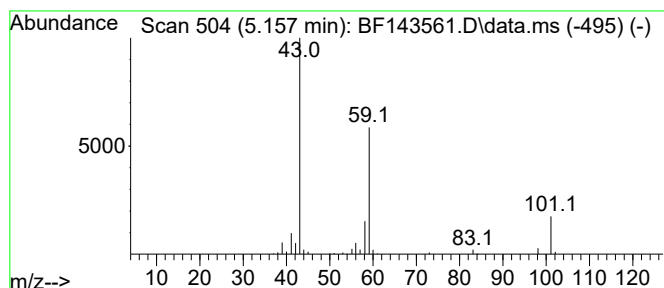
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.157 | 6.96 ng | 215379 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2  | 56   |
| 2    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0  | 33   |
| 3    |    |   | n-Propyl t-butyl ether              | 116 | C7H16O   | 1000334-81-9 | 33   |
| 4    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5  | 28   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9  | 25   |



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ALS Vial : 42 Sample Multiplier: 1

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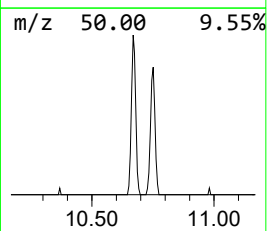
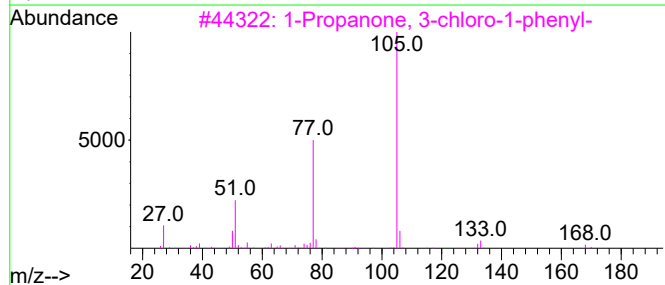
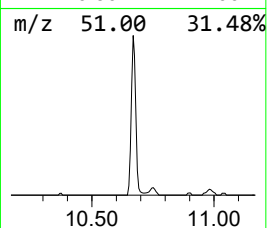
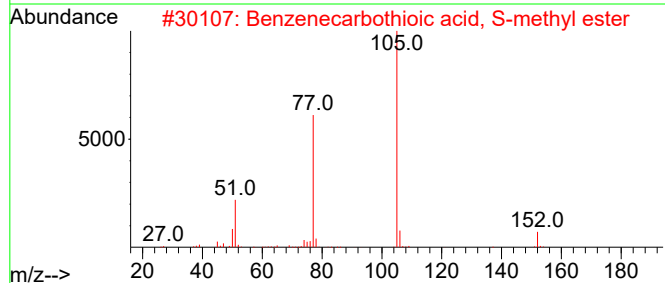
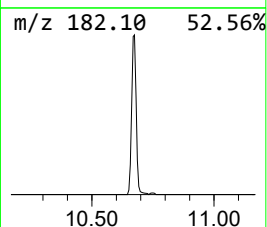
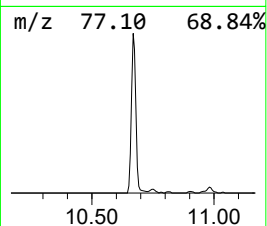
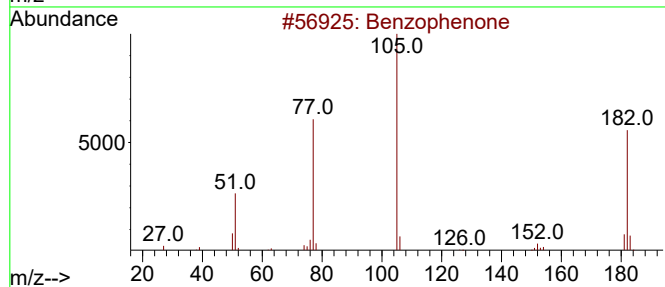
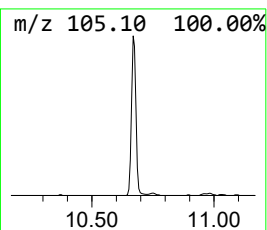
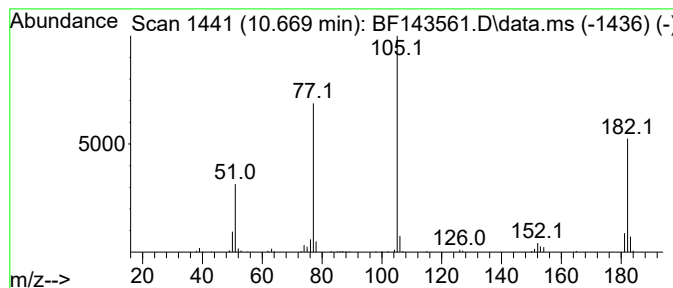
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Benzophenone Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.669 | 4.47 ng | 182681 | Acenaphthene-d10 | 9.963 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS  | 005925-68-8 | 52   |
| 3    |    |   | 1-Propanone, 3-chloro-1-phenyl-     | 168 | C9H9ClO | 000936-59-4 | 50   |
| 4    |    |   | 2-Chloro-1-phenyl-1-propanone       | 168 | C9H9ClO | 006084-17-9 | 50   |
| 5    |    |   | Pentafluoroethyl phenyl ketone      | 224 | C9H5F5O | 000394-52-5 | 50   |



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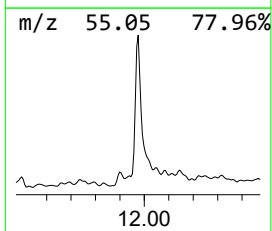
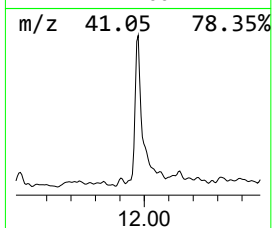
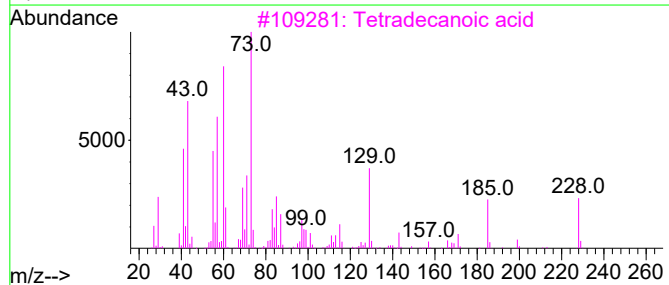
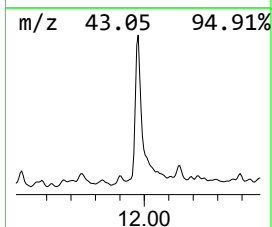
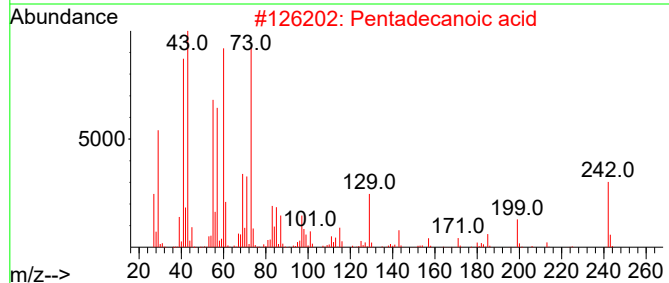
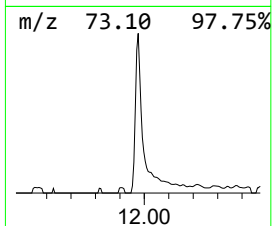
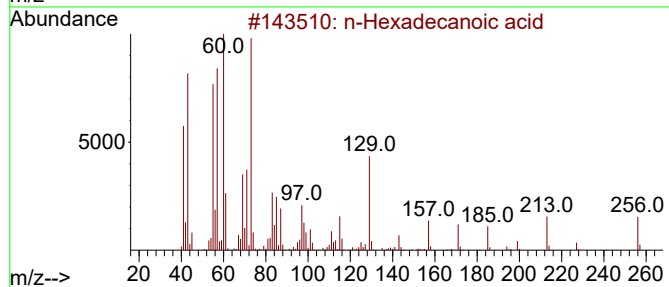
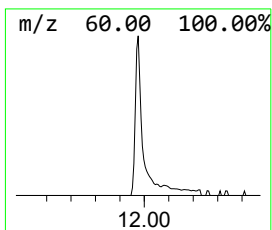
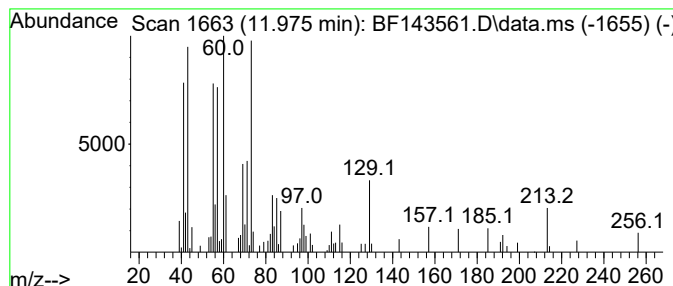
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.975 | 3.82 ng | 124942 | Phenanthrene-d10 | 11.451 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|----------|--------------|------|
| 1    |    |   | n-Hexadecanoic acid               | 256 | C16H32O2 | 000057-10-3  | 99   |
| 2    |    |   | Pentadecanoic acid                | 242 | C15H30O2 | 001002-84-2  | 83   |
| 3    |    |   | Tetradecanoic acid                | 228 | C14H28O2 | 000544-63-8  | 80   |
| 4    |    |   | Tridecanoic acid                  | 214 | C13H26O2 | 000638-53-9  | 76   |
| 5    |    |   | Oxalic acid, dodecyl propyl ester | 300 | C17H32O4 | 1000309-26-5 | 30   |



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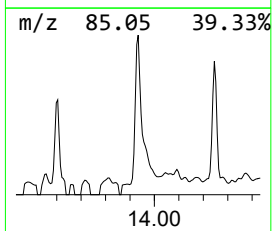
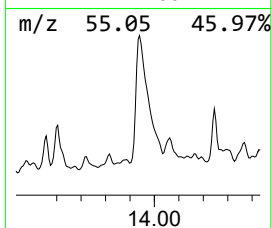
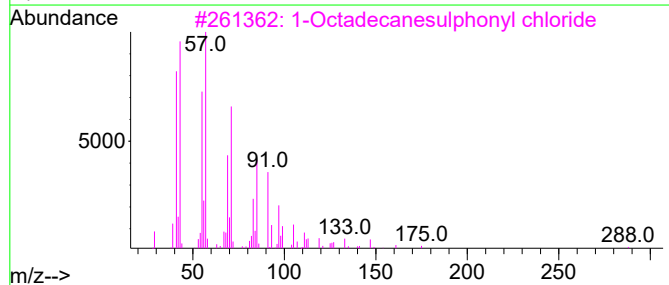
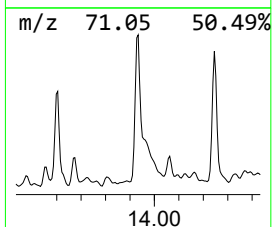
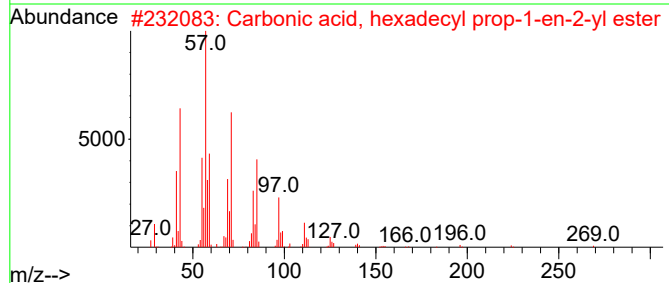
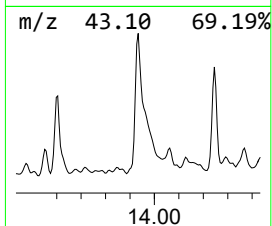
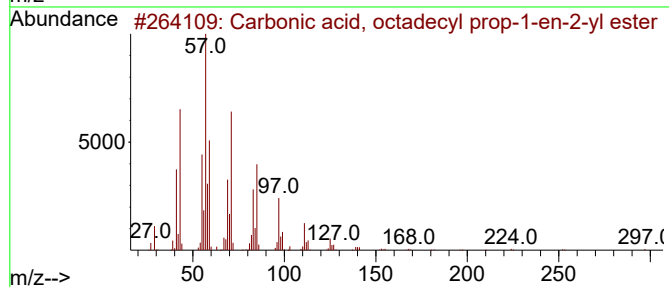
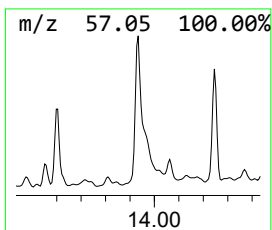
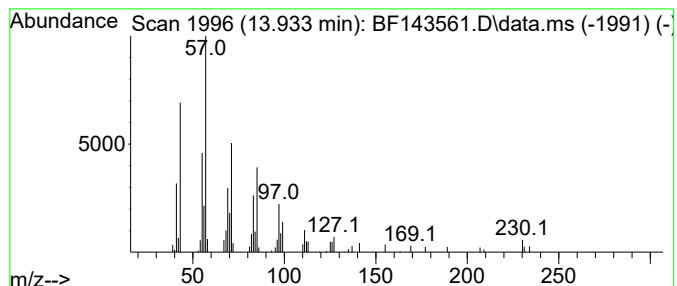
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Carbonic acid, octadecyl pr... Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.933 | 3.36 ng | 102200 | Chrysene-d12     | 14.092 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3    | 1000383-11-5 | 91   |
| 2    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3    | 1000382-90-3 | 91   |
| 3    |    |   | 1-Octadecanesulphonyl chloride      | 352 | C18H37ClO2S | 1000342-70-4 | 91   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3    | 1000382-54-3 | 87   |
| 5    |    |   | Sulfurous acid, butyl heptadecyl... | 376 | C21H44O3S   | 1000309-18-4 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082125\  
Data File : BF143561.D  
Acq On : 22 Aug 2025 07:09  
Operator : RC/JU  
Sample : Q2892-02  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

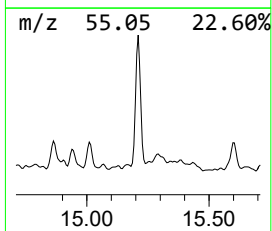
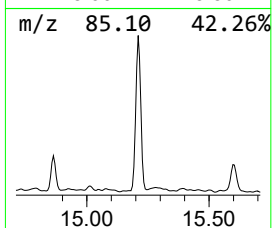
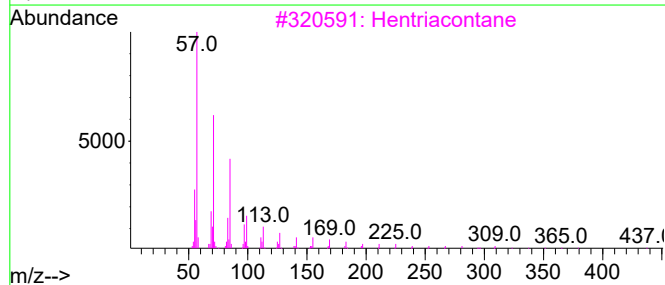
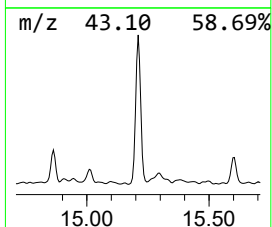
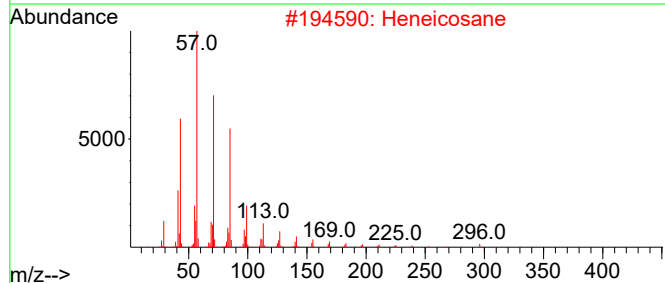
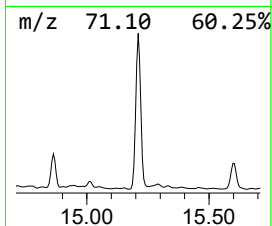
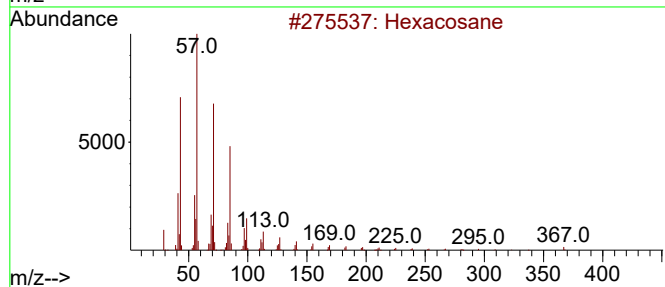
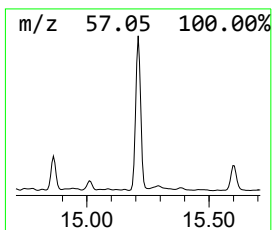
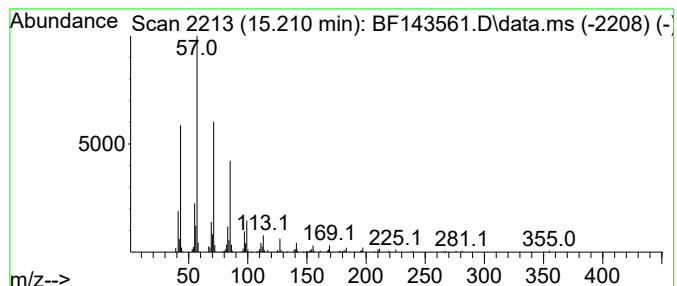
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Hexacosane Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.210 | 5.38 ng | 176809 | Perylene-d12     | 15.592 |

| 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    |    |   | Hentriacontane | 437 | C31H64  | 000630-04-6 | 91   |
| 4    |    |   | Pentacosane    | 352 | C25H52  | 000629-99-2 | 91   |
| 5    |    |   | Heptacosane    | 380 | C27H56  | 000593-49-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082125\  
Data File : BF143561.D  
Acq On : 22 Aug 2025 07:09  
Operator : RC/JU  
Sample : Q2892-02  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-FLOOR-NORTH-EAST-CORNER-BACK-A

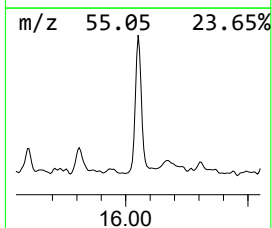
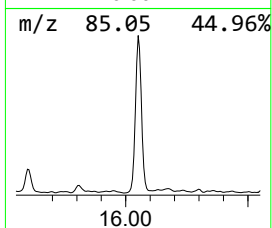
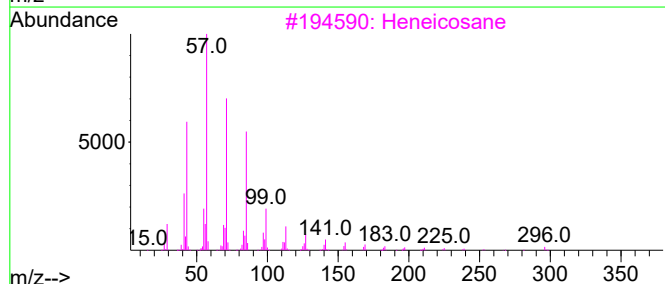
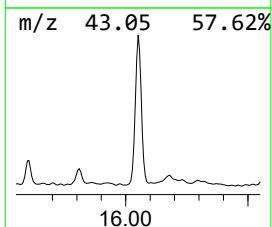
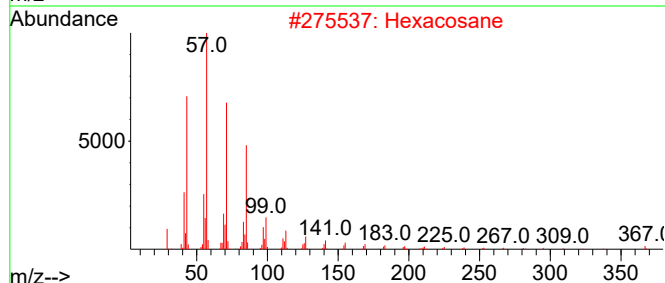
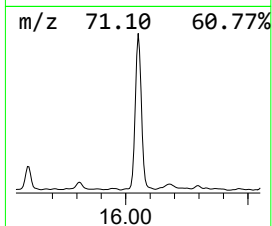
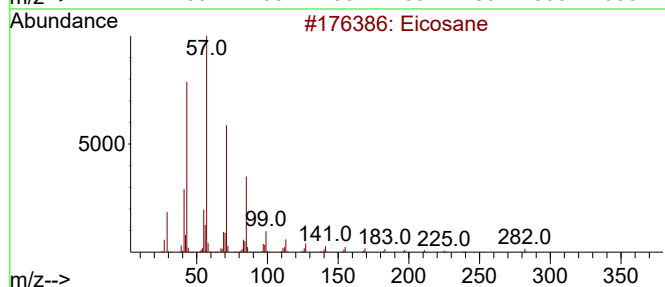
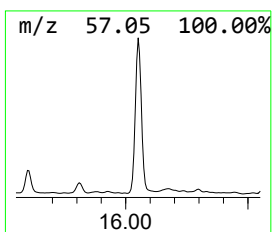
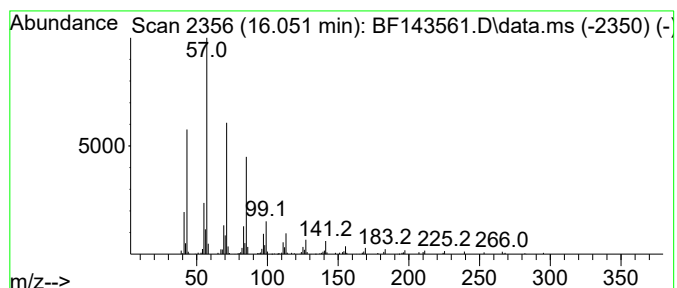
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Eicosane Concentration Rank 2

| R.T.      | EstConc      | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------|--------|------------------|-------------|------|
| 16.051    | 7.43 ng      | 244177 | Perylene-d12     | 15.592      |      |
| Hit# of 5 | Tentative ID | MW     | MolForm          | CAS#        | Qual |
| 1         | Eicosane     | 282    | C20H42           | 000112-95-8 | 95   |
| 2         | Hexacosane   | 366    | C26H54           | 000630-01-3 | 93   |
| 3         | Heneicosane  | 296    | C21H44           | 000629-94-7 | 91   |
| 4         | Docosane     | 310    | C22H46           | 000629-97-0 | 91   |
| 5         | Triacontane  | 422    | C30H62           | 000638-68-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082125\  
Data File : BF143561.D  
Acq On : 22 Aug 2025 07:09  
Operator : RC/JU  
Sample : Q2892-02  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

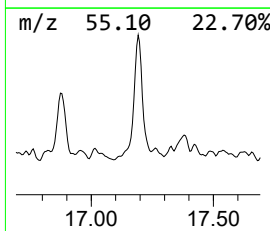
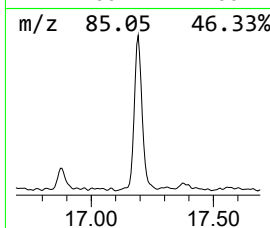
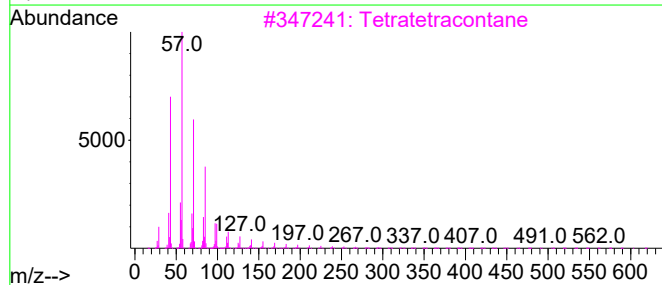
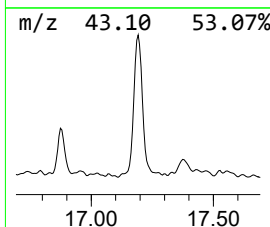
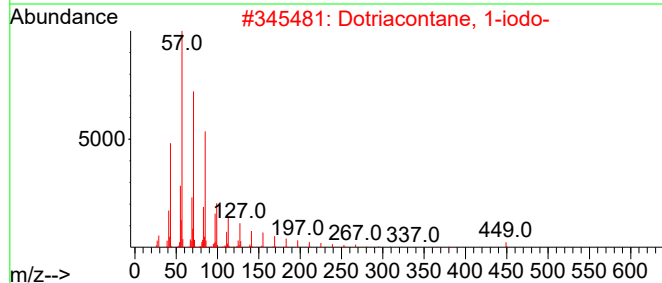
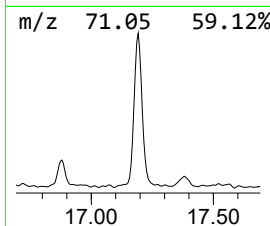
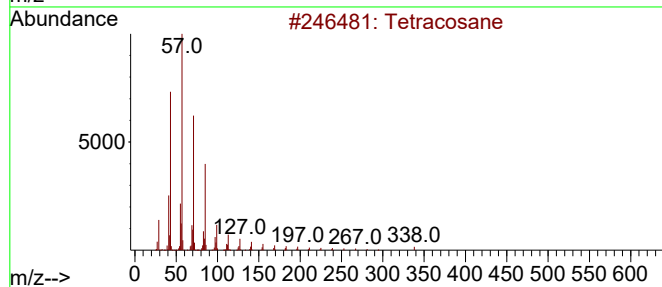
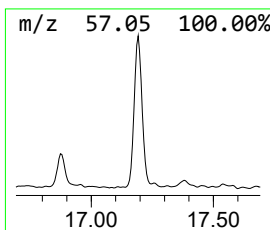
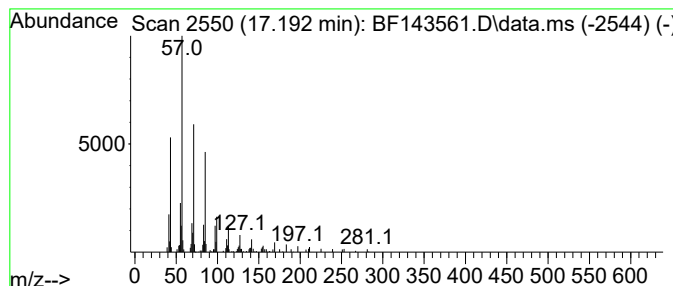
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Tetracosane Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.192 | 3.98 ng | 130994 | Perylene-d12     | 15.592 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Tetracosane            | 338 | C24H50  | 000646-31-1  | 91   |
| 2    |    |   | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91   |
| 3    |    |   | Tetratetracontane      | 619 | C44H90  | 007098-22-8  | 91   |
| 4    |    |   | Hexacosane             | 366 | C26H54  | 000630-01-3  | 91   |
| 5    |    |   | Hentriacontane         | 437 | C31H64  | 000630-04-6  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082125\  
Data File : BF143561.D  
Acq On : 22 Aug 2025 07:09  
Operator : RC/JU  
Sample : Q2892-02  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-FLOOR-NORTH-EAST-CORNER-BACK-A

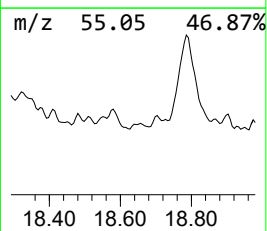
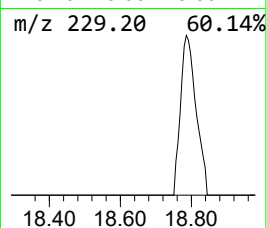
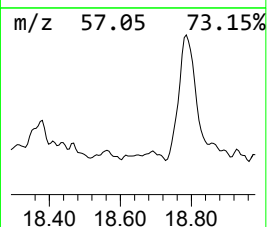
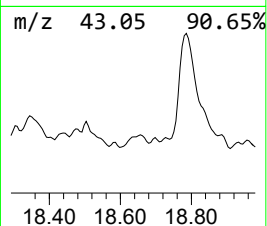
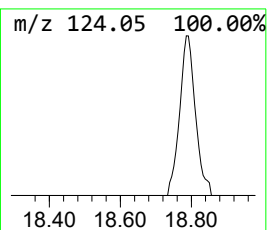
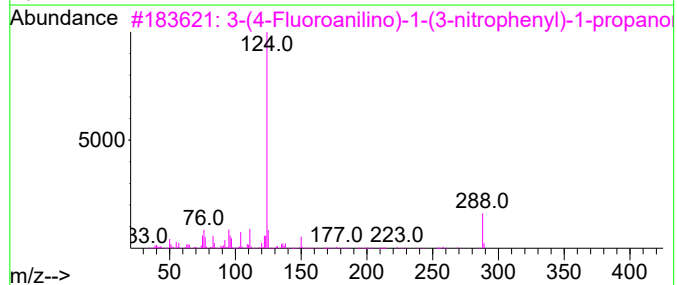
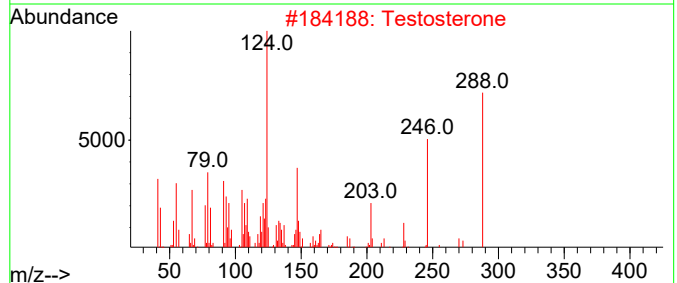
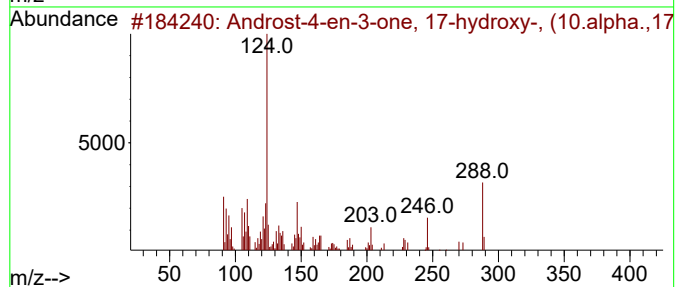
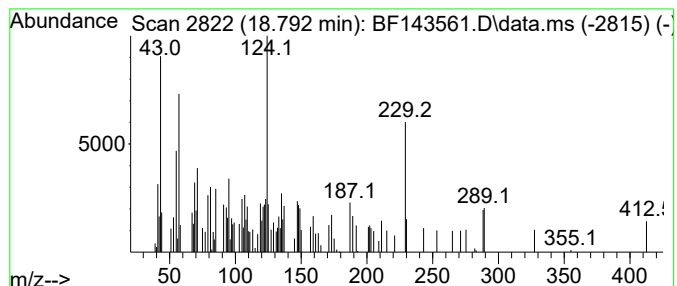
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Androst-4-en-3-one, 17-hydr... Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.792 | 3.38 ng | 111234 | Perylene-d12     | 15.592 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm     | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Androst-4-en-3-one, 17-hydroxy-,...  | 288 | C19H28O2    | 000604-39-7 | 58   |
| 2    |    |   | Testosterone                         | 288 | C19H28O2    | 000058-22-0 | 41   |
| 3    |    |   | 3-(4-Fluoroanilino)-1-(3-nitroph...  | 288 | C15H13FN2O3 | 350039-84-8 | 38   |
| 4    |    |   | Pregn-4-en-3-one, 20-hydroxy-, (...) | 316 | C21H32O2    | 000145-14-2 | 38   |
| 5    |    |   | Benzenemethanol, 3-hydroxy-          | 124 | C7H8O2      | 000620-24-6 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082125\  
Data File : BF143561.D  
Acq On : 22 Aug 2025 07:09  
Operator : RC/JU  
Sample : Q2892-02  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.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 |
| Butane, 2-metho... | 2.269  | 34.6    | ng    | 1071870  | 1                     | 6.928  | 619249 | 20.0 |
| 2-Pentanone, 4-... | 5.157  | 7.0     | ng    | 215379   | 1                     | 6.928  | 619249 | 20.0 |
| Benzophenone       | 10.669 | 4.5     | ng    | 182681   | 3                     | 9.963  | 816665 | 20.0 |
| n-Hexadecanoic ... | 11.975 | 3.8     | ng    | 124942   | 4                     | 11.451 | 653833 | 20.0 |
| Carbonic acid, ... | 13.933 | 3.4     | ng    | 102200   | 5                     | 14.092 | 608226 | 20.0 |
| Hexacosane         | 15.210 | 5.4     | ng    | 176809   | 6                     | 15.592 | 657472 | 20.0 |
| Eicosane           | 16.051 | 7.4     | ng    | 244177   | 6                     | 15.592 | 657472 | 20.0 |
| Tetracosane        | 17.192 | 4.0     | ng    | 130994   | 6                     | 15.592 | 657472 | 20.0 |
| Androst-4-en-3-... | 18.792 | 3.4     | ng    | 111234   | 6                     | 15.592 | 657472 | 20.0 |