

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082225\  
 Data File : BF143580.D  
 Acq On : 22 Aug 2025 18:51  
 Operator : RC/JU  
 Sample : Q2915-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRIDGE-EAST

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: BF143580.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         | 2.263       | 3             | 12          | 23           | rVB      | 649860         | 1037905       | 45.86%          | 5.572%        |
| 2         | 2.375       | 26            | 31          | 38           | rVB      | 14547          | 23817         | 1.05%           | 0.128%        |
| 3         | 5.157       | 495           | 504         | 519          | rBV      | 167606         | 278821        | 12.32%          | 1.497%        |
| 4         | 5.563       | 568           | 573         | 597          | rBV      | 1411121        | 1851588       | 81.81%          | 9.940%        |
| 5         | 6.557       | 737           | 742         | 772          | rBV      | 1415830        | 1956961       | 86.47%          | 10.505%       |
| 6         | 6.922       | 799           | 804         | 813          | rBV      | 530272         | 647123        | 28.59%          | 3.474%        |
| 7         | 7.481       | 893           | 899         | 911          | rBV      | 1000937        | 1333549       | 58.92%          | 7.159%        |
| 8         | 8.204       | 1016          | 1022        | 1038         | rBV      | 691196         | 891656        | 39.40%          | 4.787%        |
| 9         | 9.281       | 1199          | 1205        | 1210         | rBV      | 1757025        | 2263238       | 100.00%         | 12.149%       |
| 10        | 9.963       | 1315          | 1321        | 1335         | rBV      | 846311         | 1079402       | 47.69%          | 5.794%        |
| 11        | 10.369      | 1385          | 1390        | 1400         | rBV      | 136751         | 168220        | 7.43%           | 0.903%        |
| 12        | 10.669      | 1436          | 1441        | 1450         | rBV      | 290466         | 370982        | 16.39%          | 1.991%        |
| 13        | 10.751      | 1450          | 1455        | 1470         | rBV      | 1155389        | 1503757       | 66.44%          | 8.072%        |
| 14        | 10.980      | 1485          | 1494        | 1500         | rBV      | 19009          | 25592         | 1.13%           | 0.137%        |
| 15        | 11.451      | 1568          | 1574        | 1581         | rBV      | 846627         | 1091219       | 48.21%          | 5.858%        |
| 16        | 11.975      | 1657          | 1663        | 1677         | rBV2     | 44717          | 95130         | 4.20%           | 0.511%        |
| 17        | 12.692      | 1778          | 1785        | 1790         | rBV2     | 41584          | 58714         | 2.59%           | 0.315%        |
| 18        | 12.845      | 1807          | 1811        | 1816         | rBV      | 68033          | 85499         | 3.78%           | 0.459%        |
| 19        | 12.922      | 1822          | 1824        | 1829         | rVB      | 25173          | 28857         | 1.28%           | 0.155%        |
| 20        | 13.033      | 1837          | 1843        | 1848         | rBV      | 1554436        | 1960813       | 86.64%          | 10.526%       |
| 21        | 13.257      | 1877          | 1881        | 1886         | rBV      | 25049          | 31360         | 1.39%           | 0.168%        |
| 22        | 13.410      | 1903          | 1907        | 1914         | rBV      | 19523          | 23897         | 1.06%           | 0.128%        |
| 23        | 13.551      | 1927          | 1931        | 1935         | rBV      | 44279          | 55660         | 2.46%           | 0.299%        |
| 24        | 13.598      | 1935          | 1939        | 1949         | rVB      | 41302          | 65817         | 2.91%           | 0.353%        |
| 25        | 13.863      | 1968          | 1984        | 1988         | rBV9     | 45358          | 172872        | 7.64%           | 0.928%        |
| 26        | 13.927      | 1991          | 1995        | 2013         | rVB      | 88879          | 195614        | 8.64%           | 1.050%        |
| 27        | 14.092      | 2018          | 2023        | 2032         | rVB      | 457699         | 604687        | 26.72%          | 3.246%        |
| 28        | 14.245      | 2044          | 2049        | 2053         | rBV      | 38121          | 48704         | 2.15%           | 0.261%        |
| 29        | 14.551      | 2096          | 2101        | 2106         | rBV      | 33168          | 45719         | 2.02%           | 0.245%        |
| 30        | 14.863      | 2150          | 2154        | 2159         | rBV      | 22098          | 27840         | 1.23%           | 0.149%        |
| 31        | 15.210      | 2209          | 2213        | 2219         | rVB      | 18326          | 26280         | 1.16%           | 0.141%        |
| 32        | 15.592      | 2272          | 2278        | 2296         | rBV      | 347380         | 577057        | 25.50%          | 3.098%        |

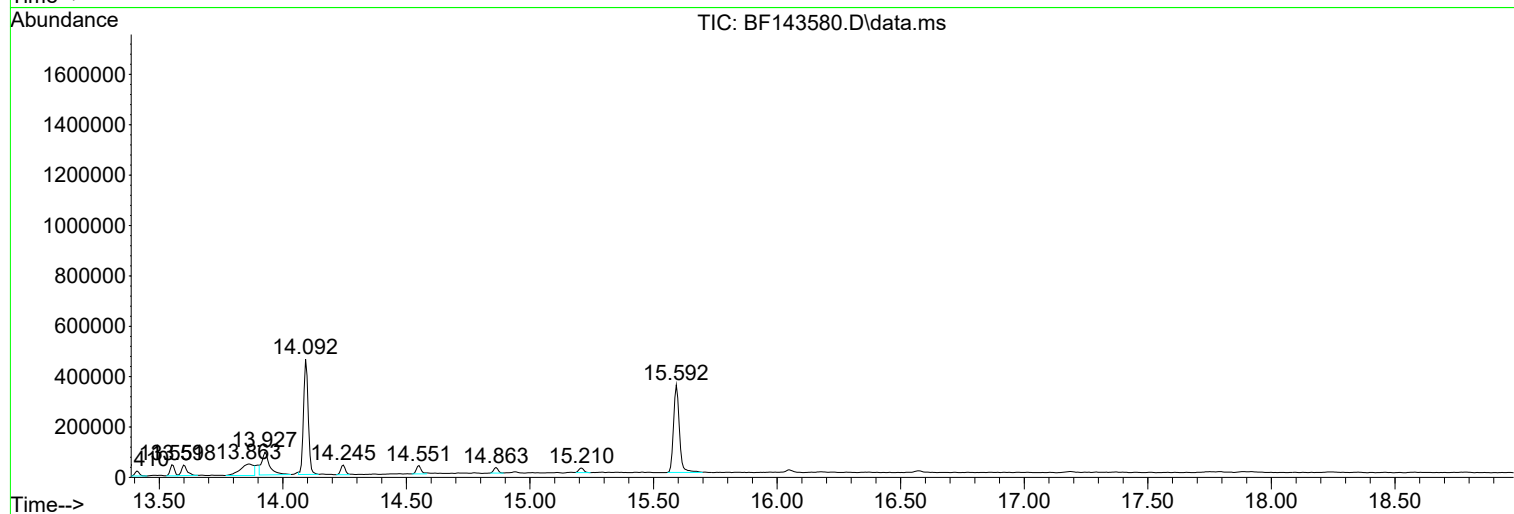
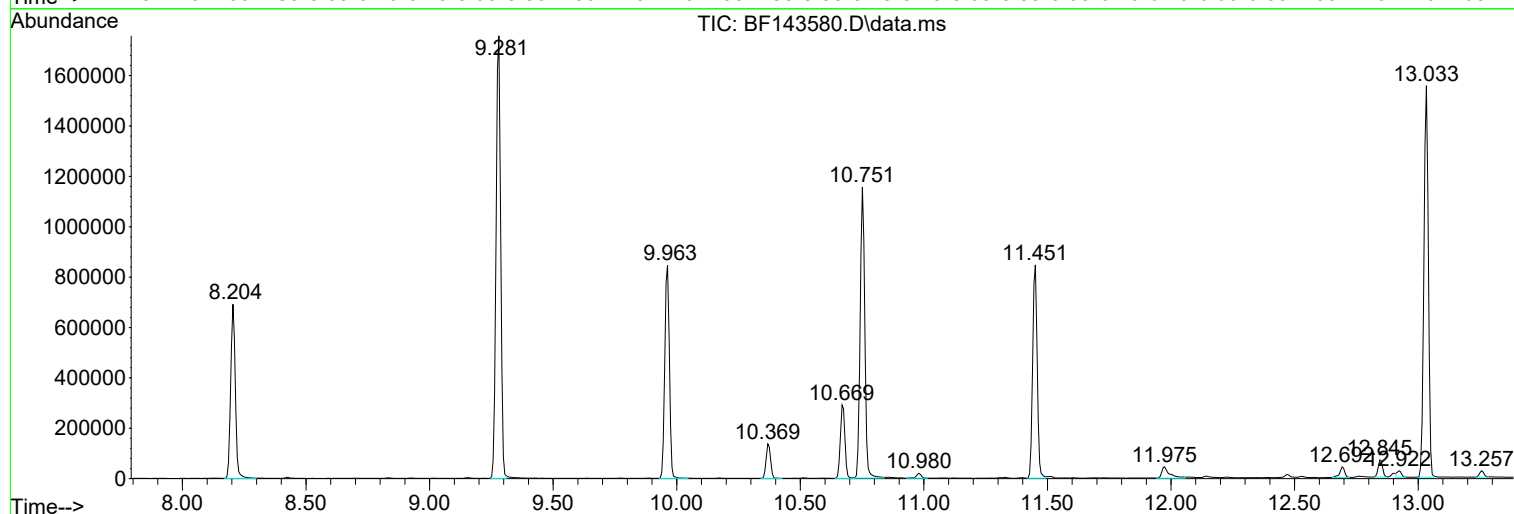
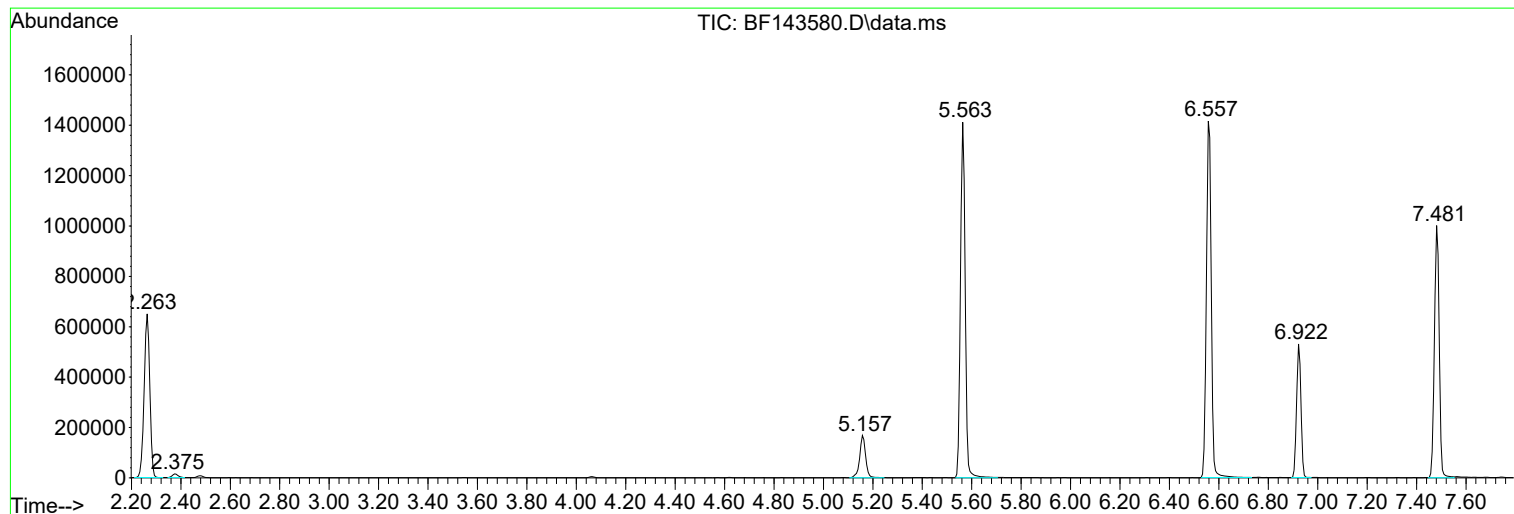
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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BRIDGE-EAST

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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Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BRIDGE-EAST

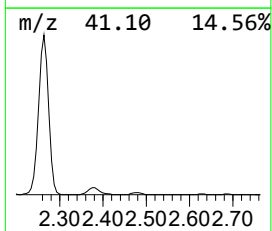
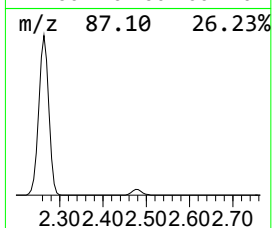
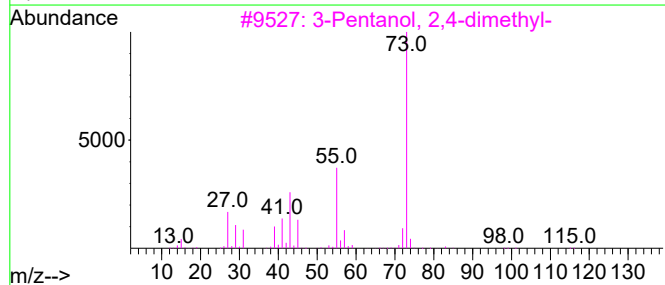
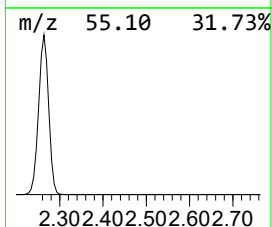
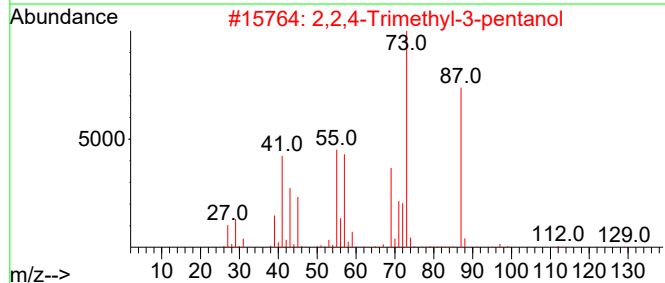
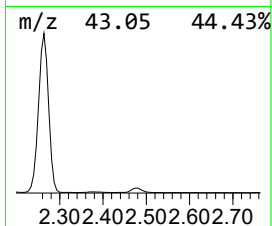
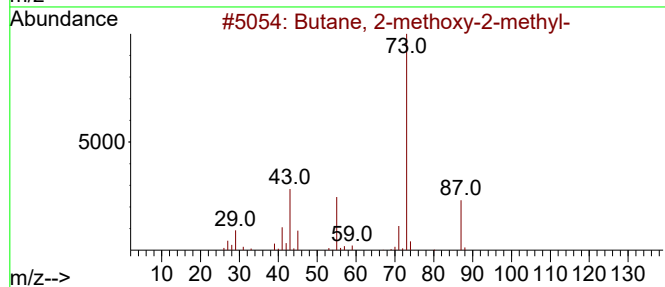
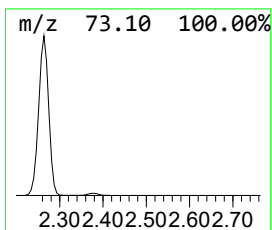
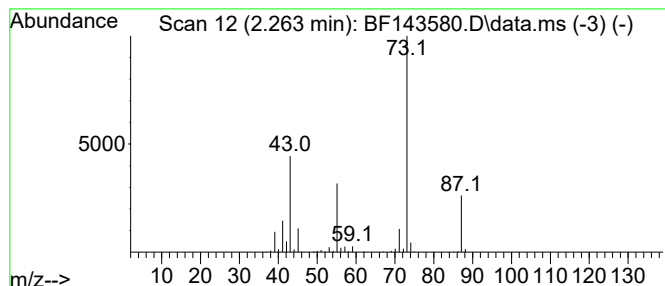
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-------|----------|---------|------------------------|-------|
| 2.263 | 32.08 ng | 1037910 | 1,4-Dichlorobenzene-d4 | 6.922 |

| 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 | 40   |
| 3    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 5    |    |   | 1,3-Dioxolane, 2-propyl-    | 116 | C6H12O2 | 003390-13-4 | 23   |



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BRIDGE-EAST

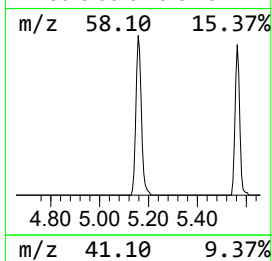
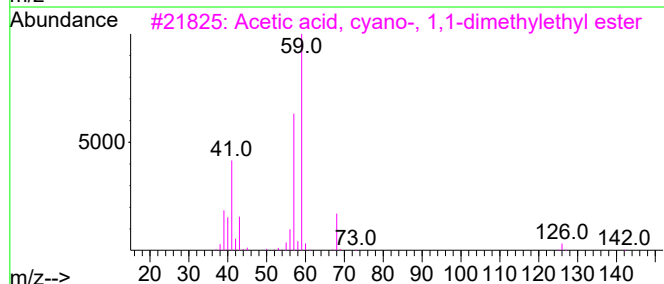
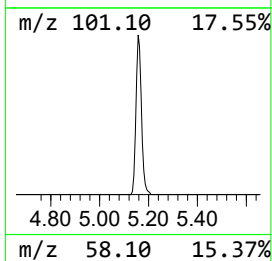
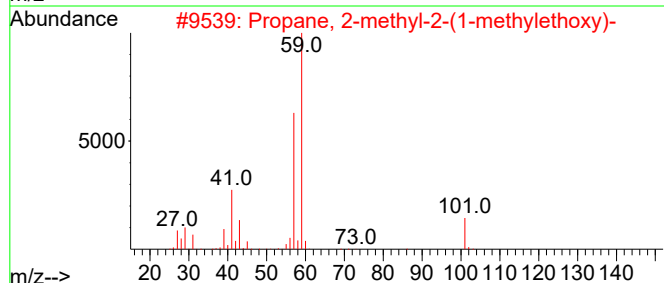
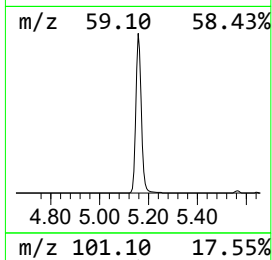
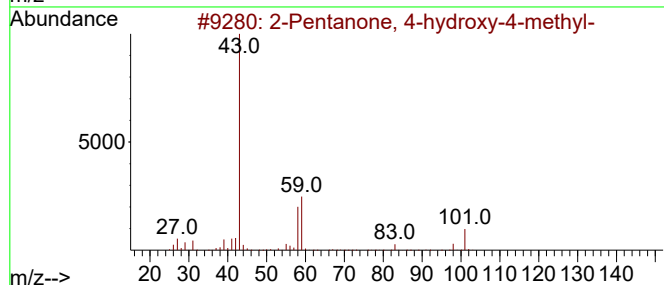
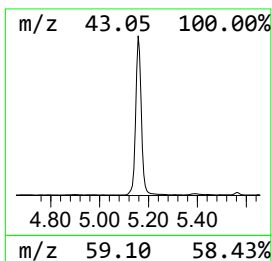
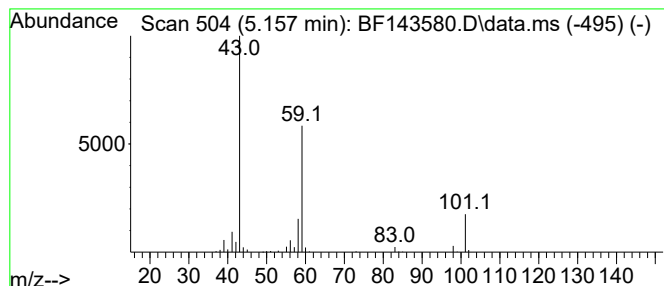
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 5.157     | 8.62 ng                             | 278821 | 1,4-Dichlorobenzene-d4 | 6.922       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116    | C6H12O2                | 000123-42-2 | 45   |
| 2         | Propane, 2-methyl-2-(1-methyleth... | 116    | C7H16O                 | 017348-59-3 | 42   |
| 3         | Acetic acid, cyano-, 1,1-dimethy... | 141    | C7H11NO2               | 001116-98-9 | 37   |
| 4         | Acetic acid, 1,1-dimethylethyl e... | 116    | C6H12O2                | 000540-88-5 | 28   |
| 5         | 2-Hexanol, 2-methyl-                | 116    | C7H16O                 | 000625-23-0 | 28   |



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Sample : Q2915-03  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BRIDGE-EAST

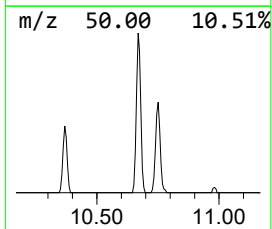
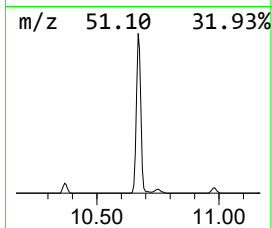
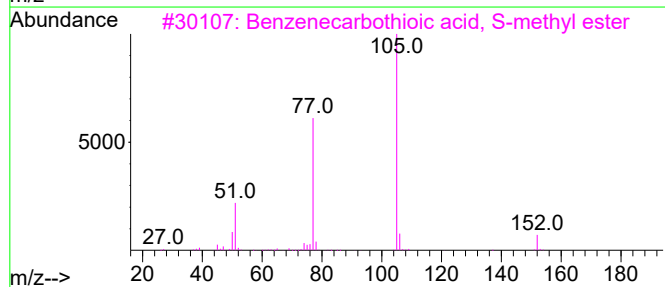
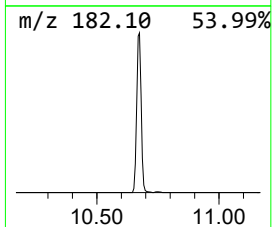
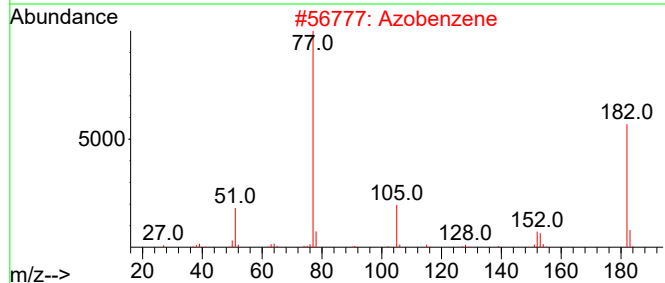
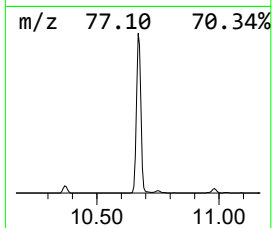
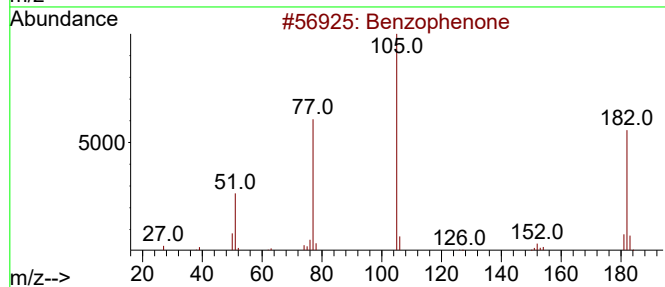
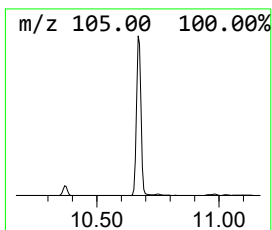
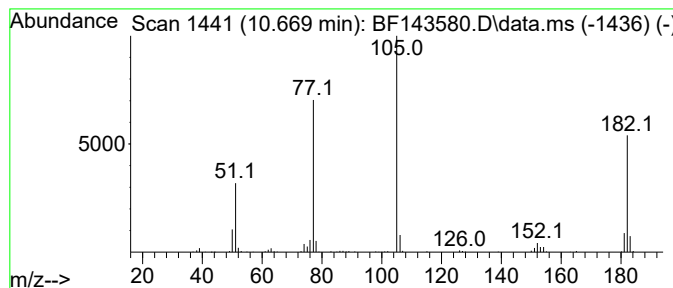
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Benzophenone Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.669 | 6.87 ng | 370982 | Acenaphthene-d10 | 9.963 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 58   |
| 3    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS   | 005925-68-8 | 52   |
| 4    |    |   | Benzenebutanoic acid, .gamma.-oxo-  | 178 | C10H10O3 | 002051-95-8 | 50   |
| 5    |    |   | Phenacyl thiocyanate                | 177 | C9H7NOS  | 005399-30-4 | 50   |



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BNA\_F  
ClientSampleId :  
BRIDGE-EAST

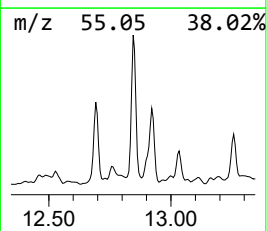
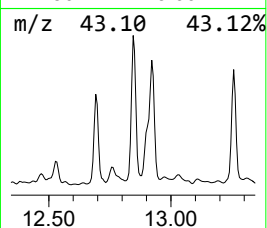
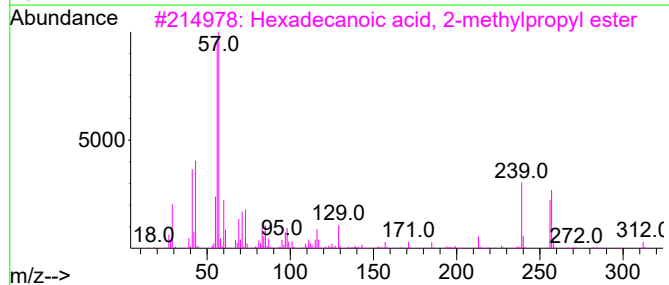
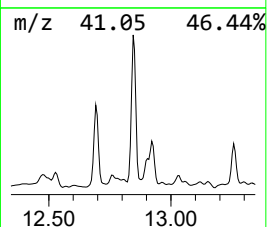
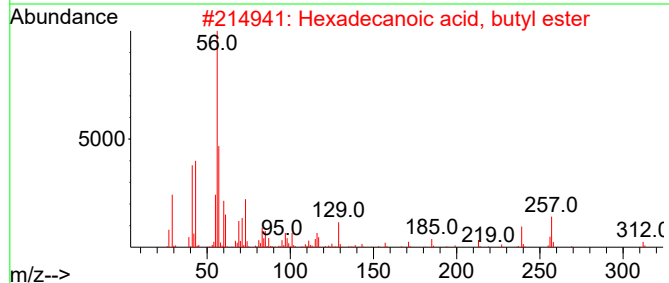
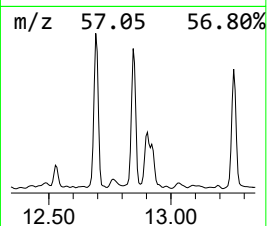
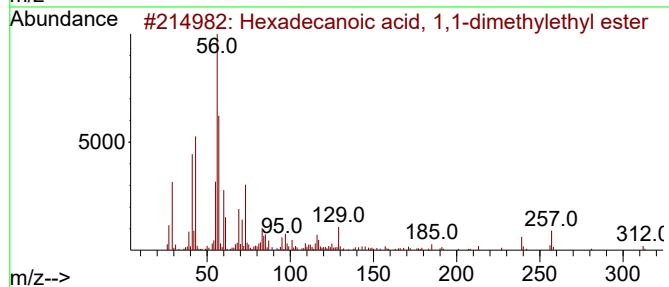
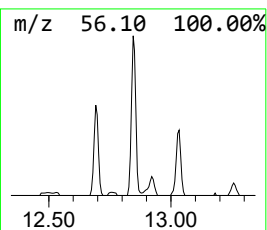
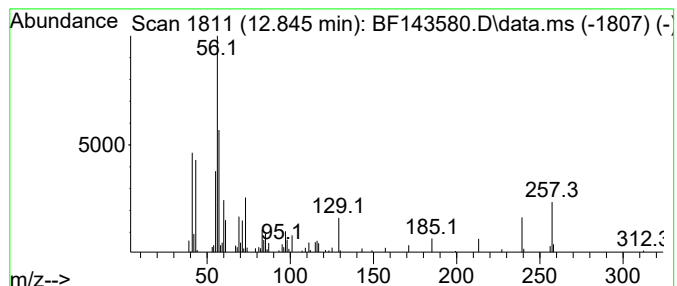
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Peak Number 4 Hexadecanoic acid, 1,1-dime... Concentration Rank 6

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 12.845    | 2.83 ng                             | 85499 | Chrysene-d12     | 14.092      |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | Hexadecanoic acid, 1,1-dimethyle... | 312   | C20H40O2         | 031158-91-5 | 98   |
| 2         | Hexadecanoic acid, butyl ester      | 312   | C20H40O2         | 000111-06-8 | 91   |
| 3         | Hexadecanoic acid, 2-methylpropy... | 312   | C20H40O2         | 000110-34-9 | 80   |
| 4         | 2-Methyl-n-1-tridecene              | 196   | C14H28           | 018094-01-4 | 35   |
| 5         | Cyclobutane, 1-hexyl-2,3-dimethyl-  | 168   | C12H24           | 055170-84-8 | 35   |



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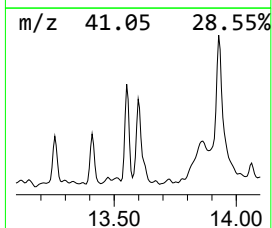
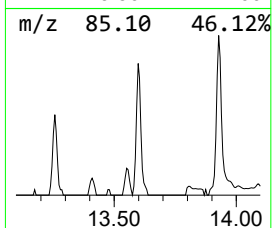
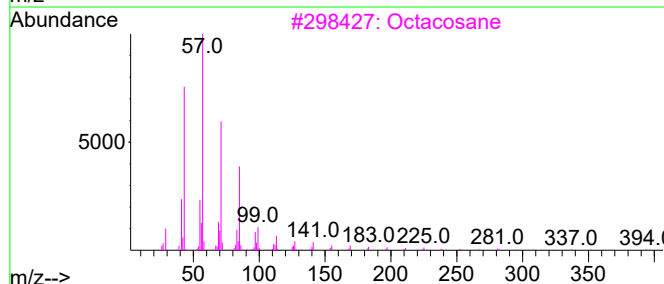
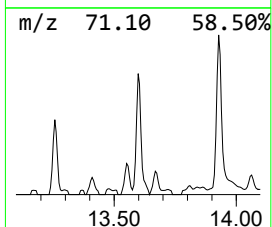
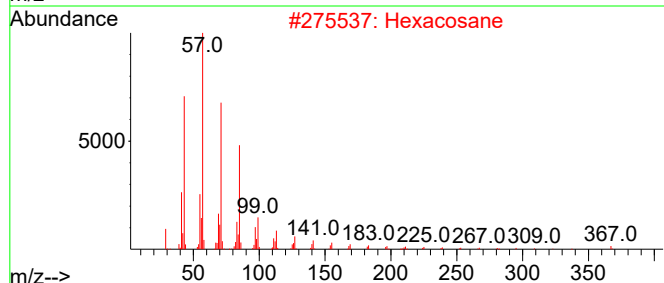
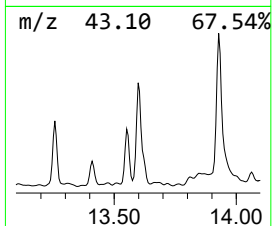
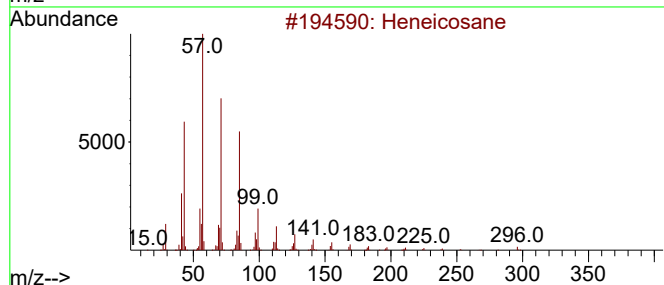
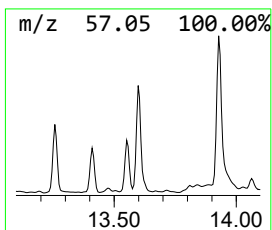
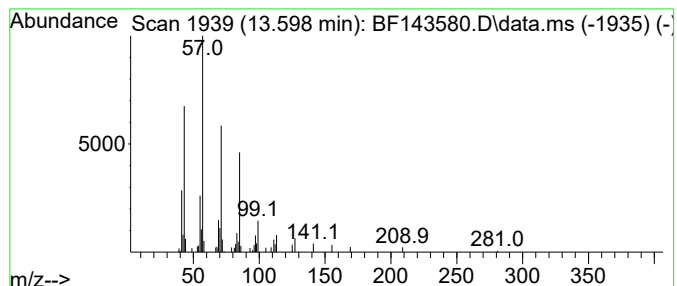
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Heneicosane Concentration Rank 7

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 13.598 | 2.18 ng | 65817 | Chrysene-d12     | 14.092 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane         | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    |   | Hexacosane          | 366 | C26H54  | 000630-01-3 | 91   |
| 3    |    |   | Octacosane          | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    |   | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 87   |
| 5    |    |   | Heptacosane         | 380 | C27H56  | 000593-49-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082225\  
Data File : BF143580.D  
Acq On : 22 Aug 2025 18:51  
Operator : RC/JU  
Sample : Q2915-03  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BRIDGE-EAST

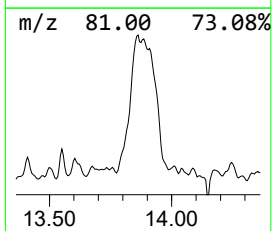
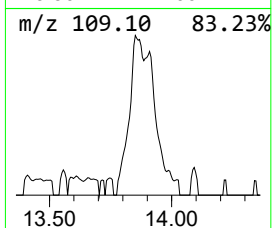
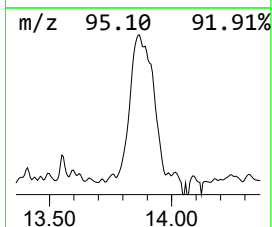
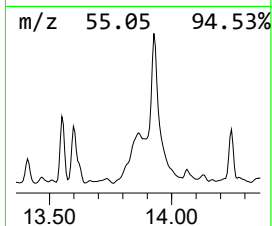
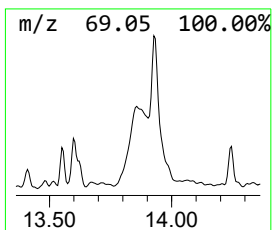
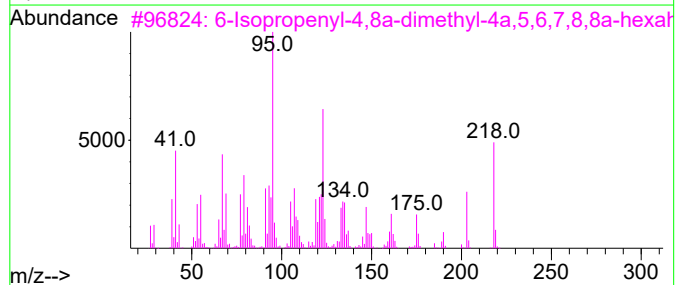
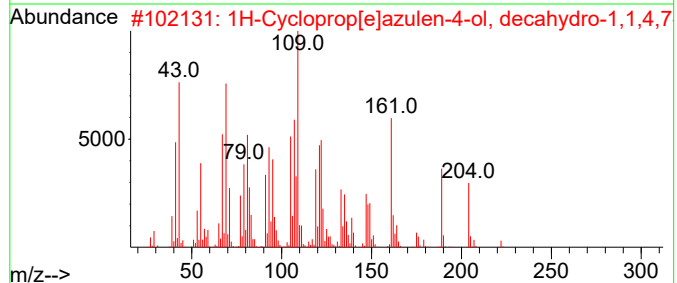
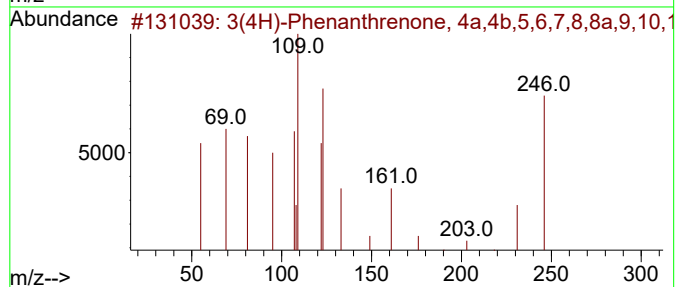
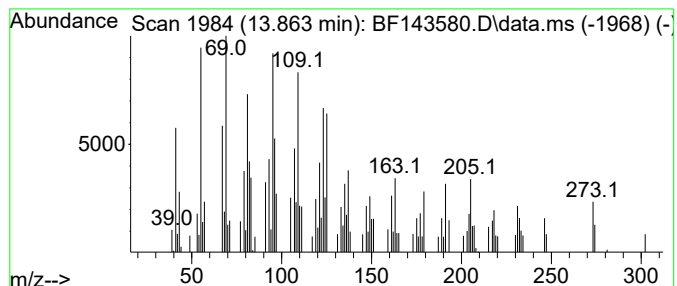
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 unknown13.863 Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 13.863    | 5.72 ng                             | 172872 | Chrysene-d12     | 14.092       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 3(4H)-Phenanthrenone, 4a,4b,5,6,... | 246    | C17H26O          | 057684-12-5  | 45   |
| 2         | 1H-Cycloprop[e]azulen-4-ol, deca... | 222    | C15H26O          | 000552-02-3  | 43   |
| 3         | 6-Isopropenyl-4,8a-dimethyl-4a,5... | 218    | C15H22O          | 086917-79-5  | 38   |
| 4         | (-)-Neoclovene-(II), dihydro-       | 206    | C15H26           | 1000152-83-6 | 38   |
| 5         | .beta.-Bisabolenol                  | 220    | C15H24O          | 147126-90-7  | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082225\  
Data File : BF143580.D  
Acq On : 22 Aug 2025 18:51  
Operator : RC/JU  
Sample : Q2915-03  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BRIDGE-EAST

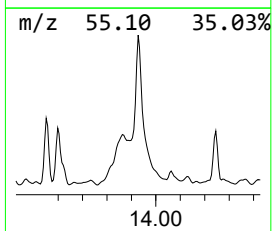
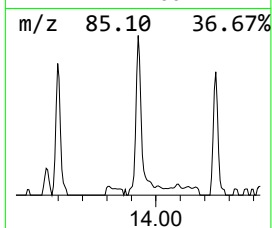
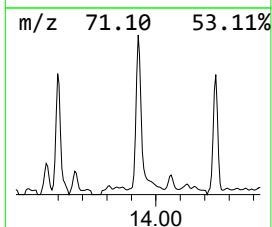
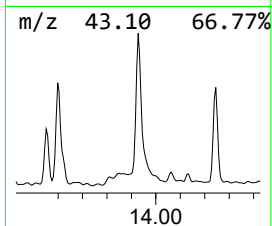
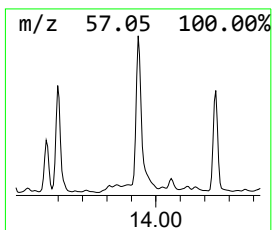
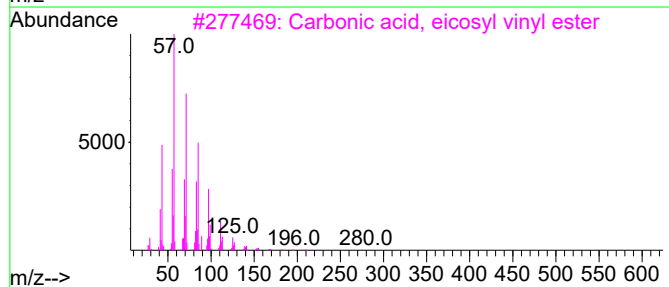
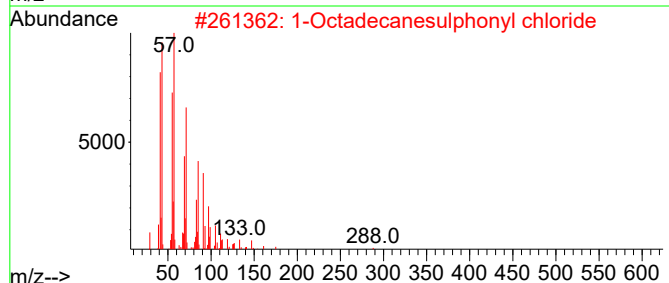
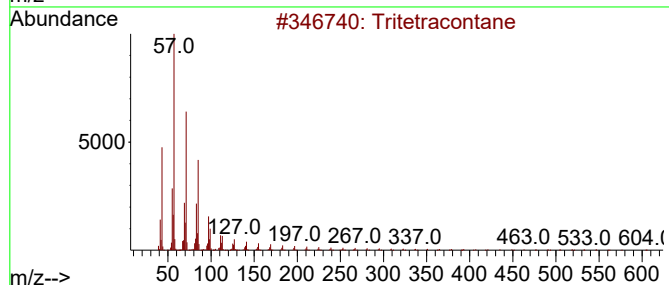
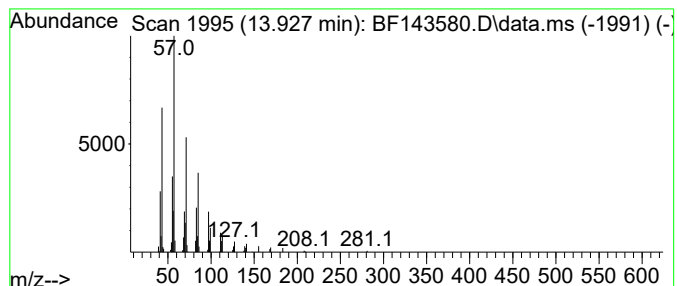
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Tritetracontane Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.927 | 6.47 ng | 195614 | Chrysene-d12     | 14.092 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Tritetracontane                     | 605 | C43H88      | 007098-21-7  | 91   |
| 2    |    |   | 1-Octadecanesulphonyl chloride      | 352 | C18H37ClO2S | 1000342-70-4 | 91   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3    | 1000382-54-3 | 91   |
| 4    |    |   | Sulfurous acid, butyl pentadecyl... | 348 | C19H40O3S   | 1000309-18-2 | 91   |
| 5    |    |   | Sulfurous acid, butyl hexadecyl ... | 362 | C20H42O3S   | 1000309-18-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082225\  
Data File : BF143580.D  
Acq On : 22 Aug 2025 18:51  
Operator : RC/JU  
Sample : Q2915-03  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BRIDGE-EAST

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... | 2.263  | 32.1    | ng    | 1037910  | 1                     | 6.922  | 647123  | 20.0 |
| 2-Pentanone, 4-... | 5.157  | 8.6     | ng    | 278821   | 1                     | 6.922  | 647123  | 20.0 |
| Benzophenone       | 10.669 | 6.9     | ng    | 370982   | 3                     | 9.963  | 1079400 | 20.0 |
| Hexadecanoic ac... | 12.845 | 2.8     | ng    | 85499    | 5                     | 14.092 | 604687  | 20.0 |
| Heneicosane        | 13.598 | 2.2     | ng    | 65817    | 5                     | 14.092 | 604687  | 20.0 |
| unknown13.863      | 13.863 | 5.7     | ng    | 172872   | 5                     | 14.092 | 604687  | 20.0 |
| Tritetracontane    | 13.927 | 6.5     | ng    | 195614   | 5                     | 14.092 | 604687  | 20.0 |