

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070825\  
 Data File : BF143036.D  
 Acq On : 08 Jul 2025 16:36  
 Operator : RC/JU  
 Sample : Q2514-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-94

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143036.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         | 5.081       | 484           | 491         | 502          | rBV      | 60496          | 91558         | 8.07%           | 1.276%        |
| 2         | 5.493       | 556           | 561         | 577          | rBV      | 658729         | 870673        | 76.77%          | 12.137%       |
| 3         | 6.504       | 727           | 733         | 750          | rBV      | 665855         | 869330        | 76.65%          | 12.118%       |
| 4         | 6.869       | 791           | 795         | 802          | rBV      | 238403         | 295067        | 26.02%          | 4.113%        |
| 5         | 7.434       | 886           | 891         | 906          | rBV      | 454486         | 572317        | 50.46%          | 7.978%        |
| 6         | 8.157       | 1009          | 1014        | 1035         | rBV      | 304357         | 381252        | 33.61%          | 5.315%        |
| 7         | 9.234       | 1191          | 1197        | 1202         | rBV      | 888201         | 1134180       | 100.00%         | 15.810%       |
| 8         | 9.916       | 1308          | 1313        | 1320         | rBV      | 316892         | 397212        | 35.02%          | 5.537%        |
| 9         | 10.628      | 1428          | 1434        | 1442         | rBV      | 93619          | 119813        | 10.56%          | 1.670%        |
| 10        | 10.704      | 1442          | 1447        | 1458         | rBV      | 325336         | 413281        | 36.44%          | 5.761%        |
| 11        | 10.933      | 1482          | 1486        | 1493         | rVB      | 18256          | 24321         | 2.14%           | 0.339%        |
| 12        | 11.404      | 1561          | 1566        | 1573         | rBV      | 267322         | 327941        | 28.91%          | 4.571%        |
| 13        | 11.957      | 1651          | 1660        | 1667         | rBV      | 8114           | 15758         | 1.39%           | 0.220%        |
| 14        | 12.992      | 1830          | 1836        | 1841         | rBV      | 571594         | 728958        | 64.27%          | 10.161%       |
| 15        | 13.839      | 1975          | 1980        | 1983         | rBV      | 12095          | 18528         | 1.63%           | 0.258%        |
| 16        | 13.892      | 1983          | 1989        | 1990         | rVV2     | 40849          | 65995         | 5.82%           | 0.920%        |
| 17        | 13.910      | 1990          | 1992        | 2000         | rVB      | 50234          | 76066         | 6.71%           | 1.060%        |
| 18        | 14.051      | 2012          | 2016        | 2025         | rVB      | 210184         | 277720        | 24.49%          | 3.871%        |
| 19        | 14.533      | 2090          | 2098        | 2112         | rBV3     | 25976          | 76570         | 6.75%           | 1.067%        |
| 20        | 15.163      | 2201          | 2205        | 2210         | rVB      | 12977          | 17800         | 1.57%           | 0.248%        |
| 21        | 15.551      | 2265          | 2271        | 2280         | rVB      | 226472         | 351795        | 31.02%          | 4.904%        |
| 22        | 15.998      | 2344          | 2347        | 2356         | rVB      | 10611          | 17814         | 1.57%           | 0.248%        |
| 23        | 17.362      | 2576          | 2579        | 2589         | rVB7     | 14953          | 29820         | 2.63%           | 0.416%        |

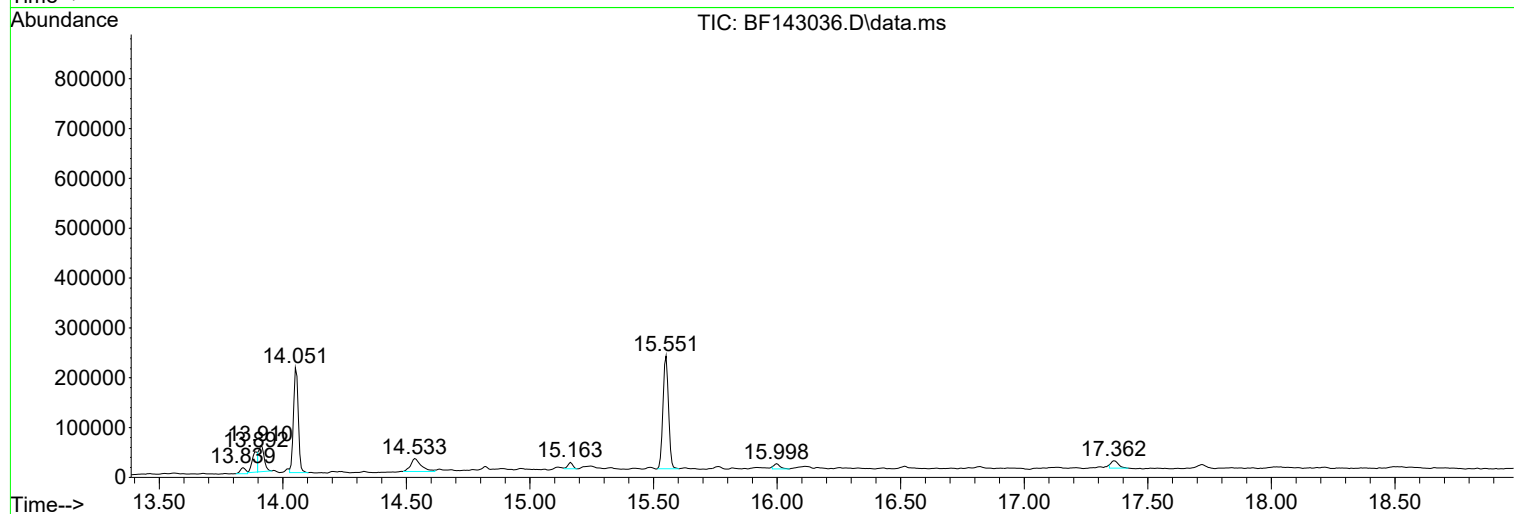
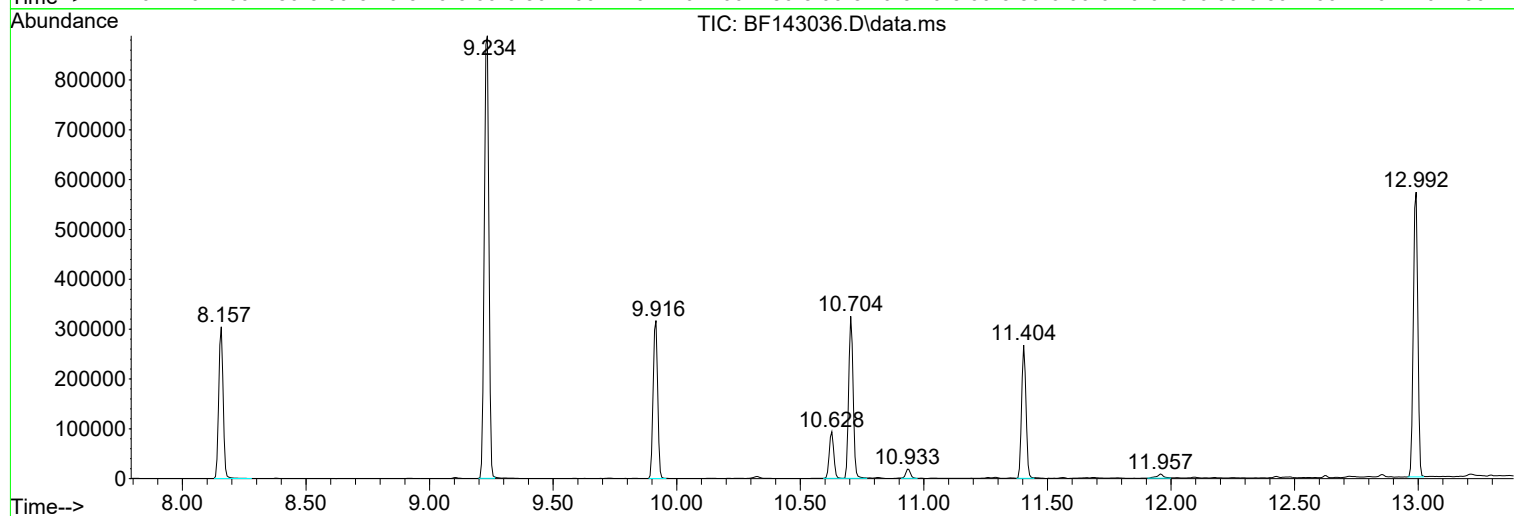
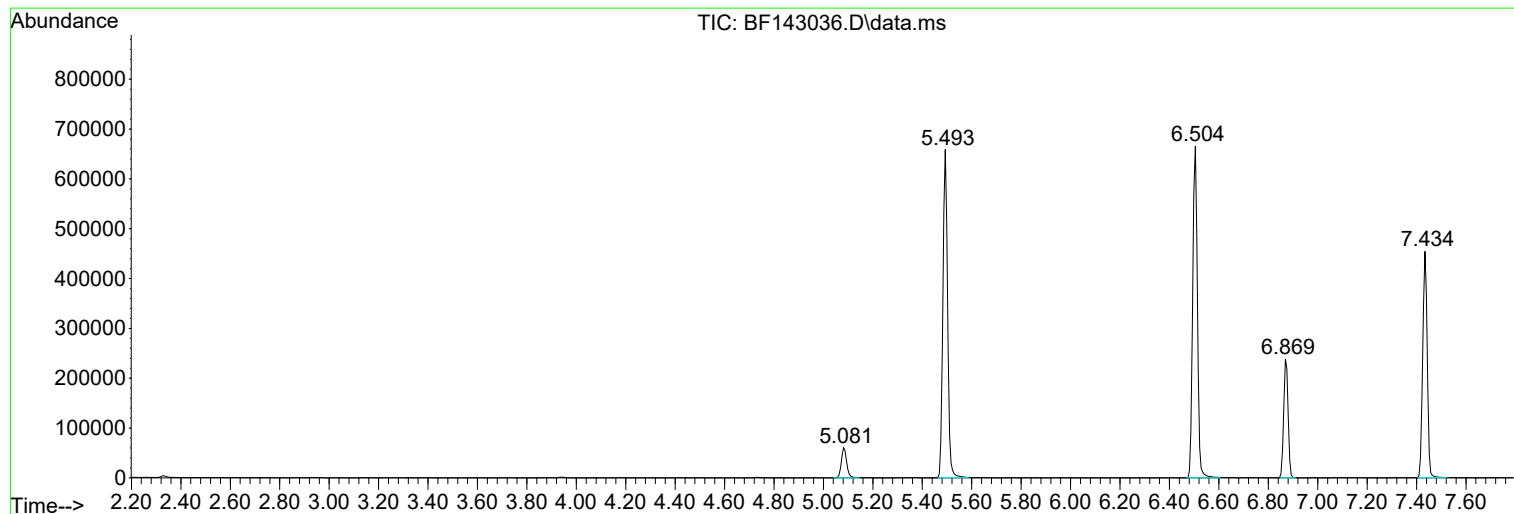
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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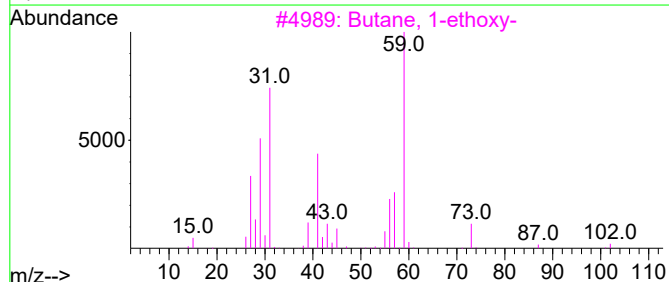
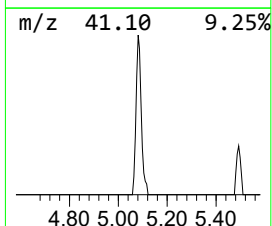
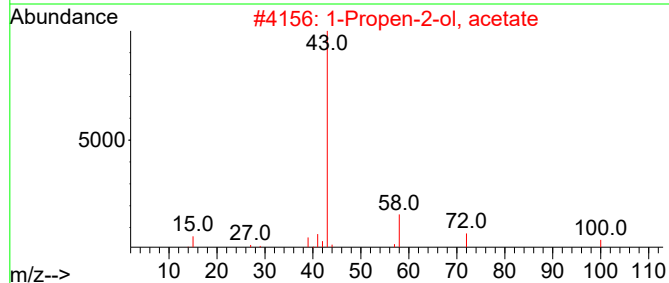
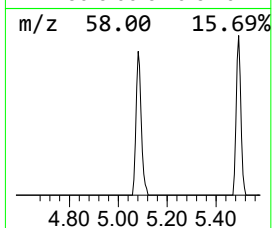
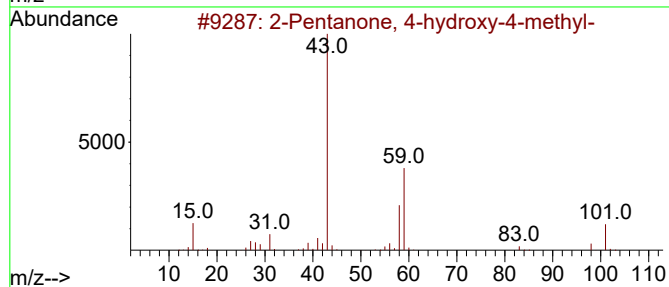
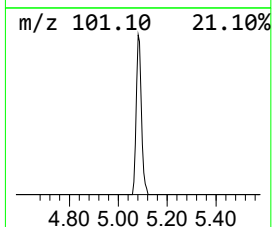
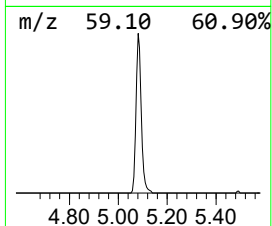
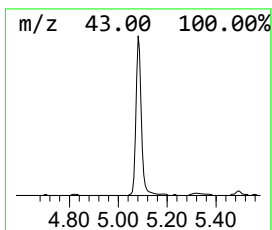
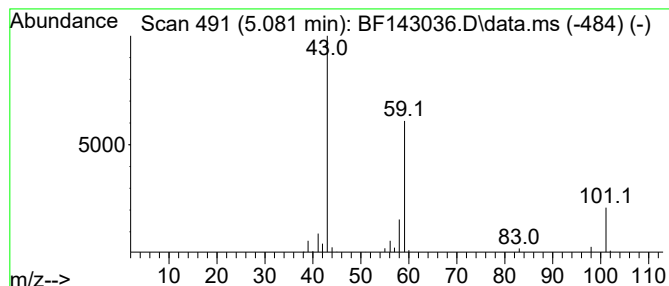
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.081 | 6.21 ng | 91558 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 64      |      |      |
| 2    | 1-Propen-2-ol, acetate           | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |
| 3    | Butane, 1-ethoxy-                | 102 | C6H14O       | 000628-81-9 | 9       |      |      |
| 4    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2      | 000057-71-6 | 9       |      |      |
| 5    | Morpholine, 4-methyl-            | 101 | C5H11NO      | 000109-02-4 | 9       |      |      |



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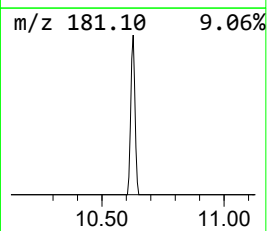
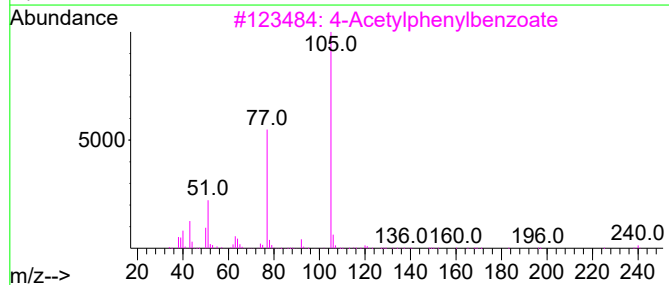
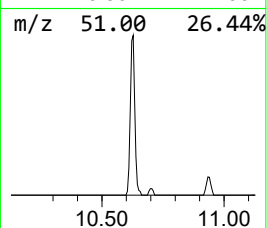
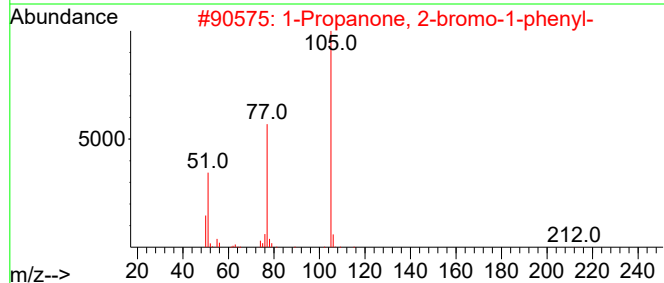
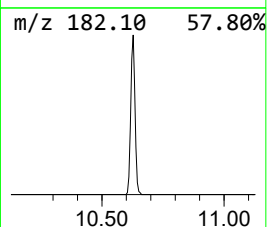
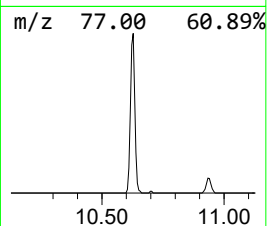
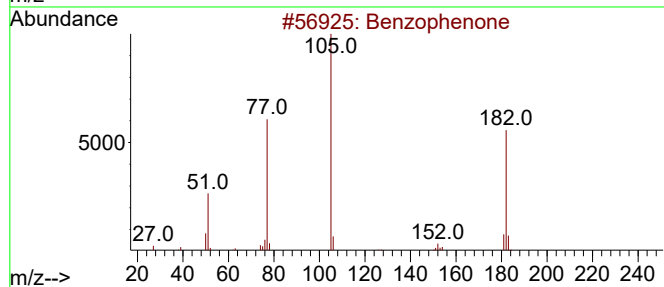
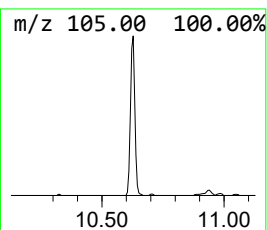
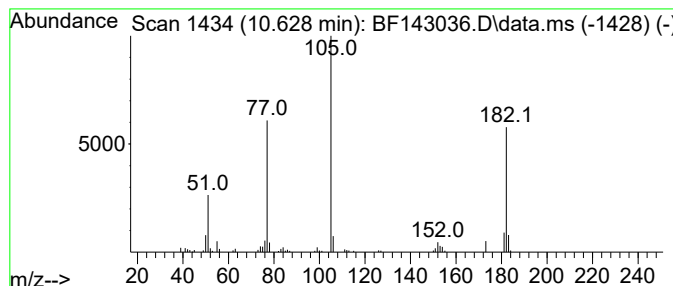
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.628 | 6.03 ng | 119813 | Acenaphthene-d10 | 9.916 |

| 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  | 43   |
| 3    |    |   | 4-Acetylphenylbenzoate              | 240 | C15H12O3   | 001523-18-8  | 43   |
| 4    |    |   | N-Methylbenzamide, N-trifluoroac... | 231 | C10H8F3NO2 | 1000446-91-5 | 43   |
| 5    |    |   | Disulfide, dibenzoyl                | 274 | C14H10O2S2 | 000644-32-6  | 43   |



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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-94

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
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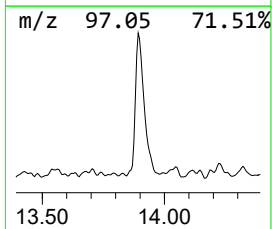
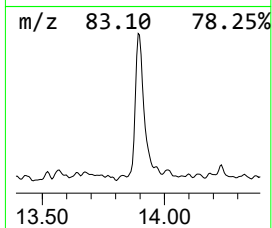
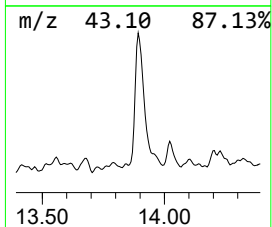
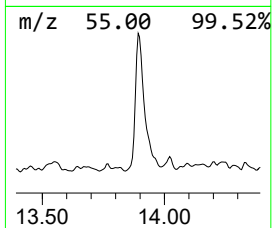
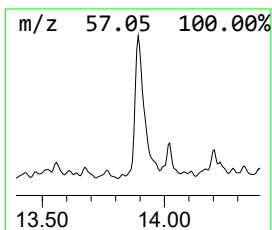
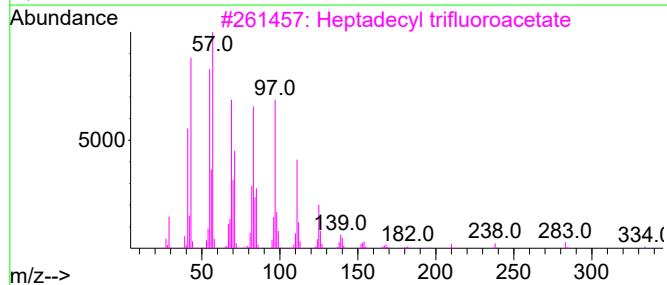
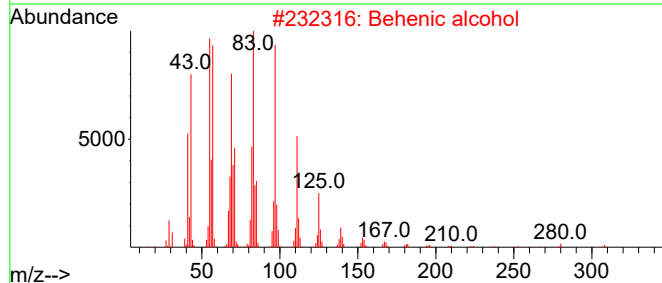
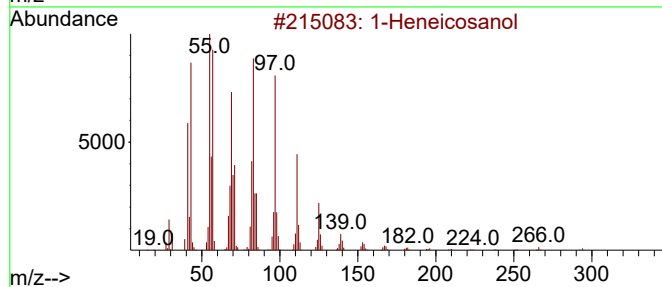
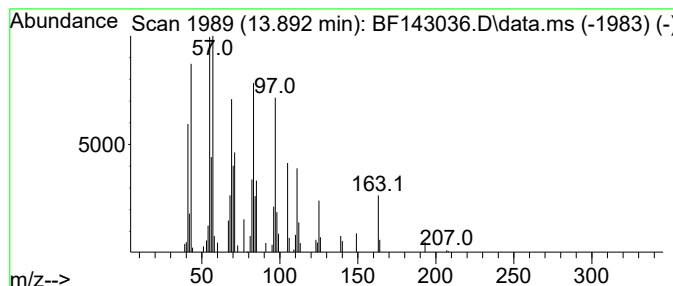
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 1-Heneicosanol Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 13.892 | 4.75 ng | 65995 | Chrysene-d12     | 14.051 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-----------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Heneicosanol              | 312 | C21H44O    | 015594-90-8  | 95   |
| 2    |    |   | Behenic alcohol             | 326 | C22H46O    | 000661-19-8  | 95   |
| 3    |    |   | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1010351-87-0 | 93   |
| 4    |    |   | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3  | 93   |
| 5    |    |   | n-Tetracosanol-1            | 354 | C24H50O    | 000506-51-4  | 93   |



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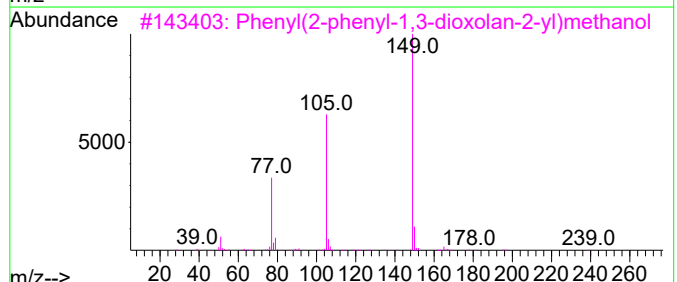
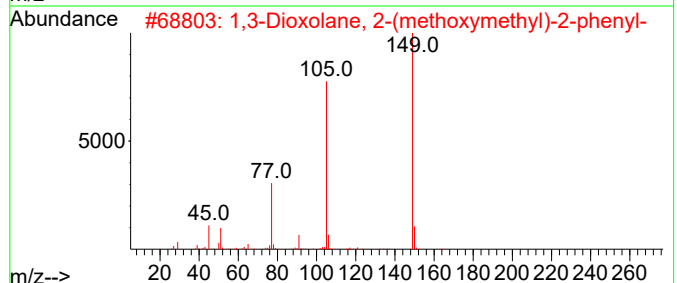
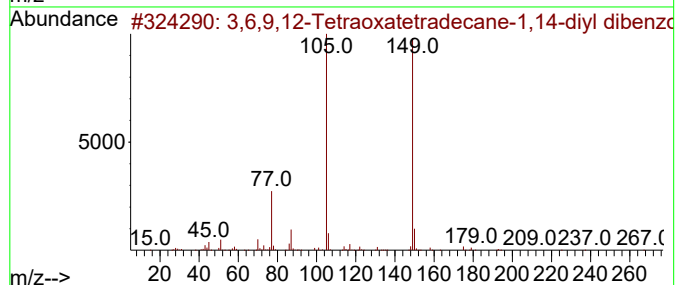
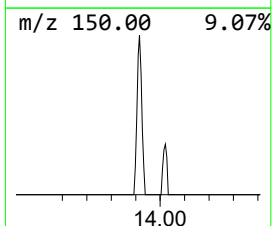
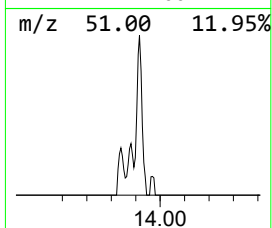
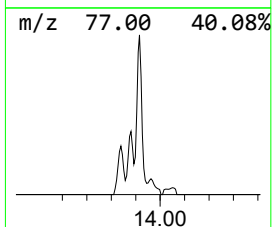
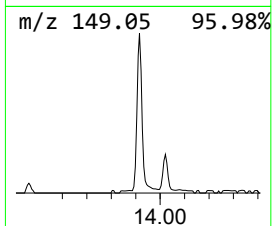
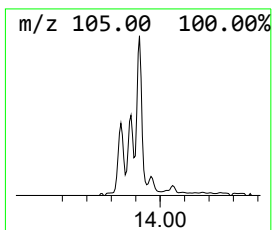
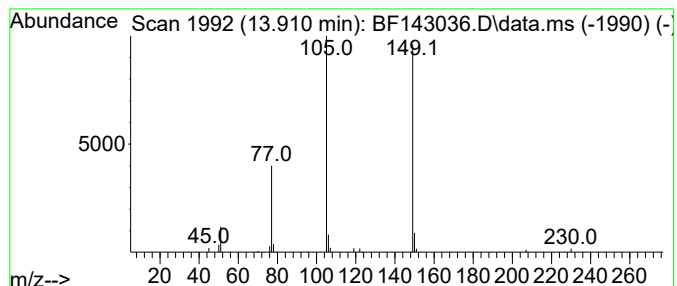
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Peak Number 4 3,6,9,12-Tetraoxatetradecan... Concentration Rank 4

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 13.910    | 5.48 ng                             | 76066 | Chrysene-d12     | 14.051       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | 3,6,9,12-Tetraoxatetradecane-1,1... | 446   | C24H30O8         | 1000366-97-0 | 83   |
| 2         | 1,3-Dioxolane, 2-(methoxymethyl)... | 194   | C11H14O3         | 1000156-71-2 | 83   |
| 3         | Phenyl(2-phenyl-1,3-dioxolan-2-y... | 256   | C16H16O3         | 005694-69-9  | 78   |
| 4         | Benzoic acid, 2-(2-chlorophenoxy... | 276   | C15H13ClO3       | 1000368-25-9 | 78   |
| 5         | Phenyl(2-phenyl-1,3-dioxolan-2-y... | 270   | C17H18O3         | 1000507-07-6 | 78   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
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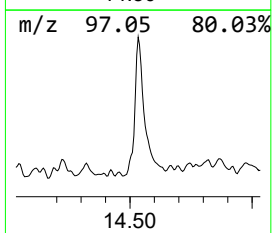
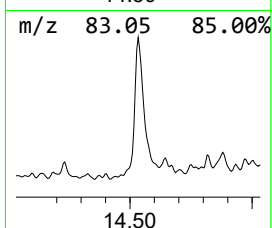
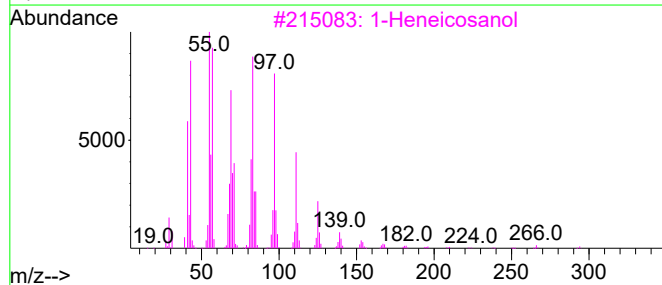
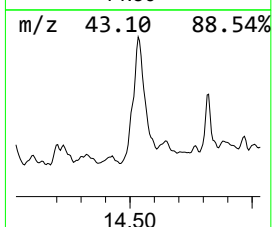
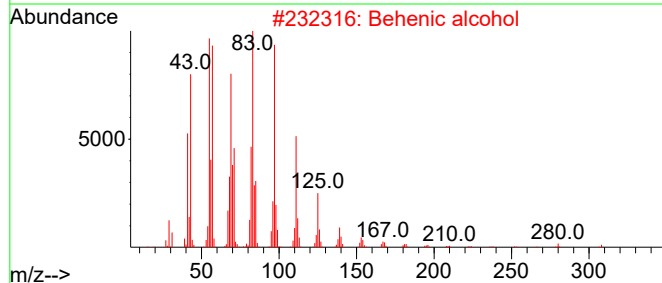
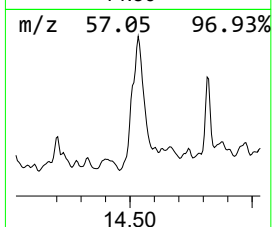
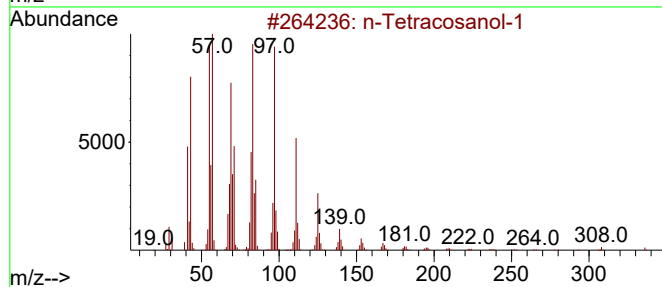
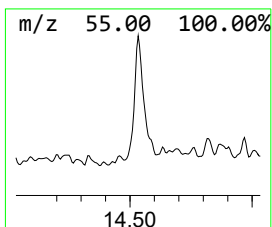
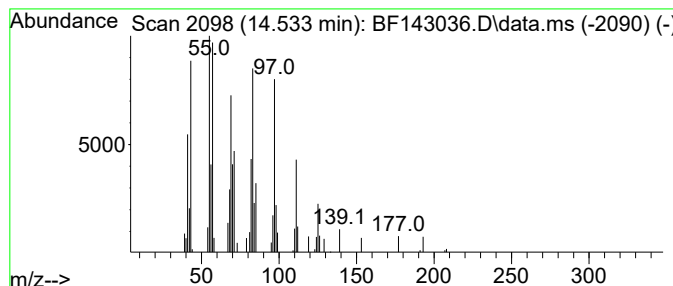
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Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.533 | 5.51 ng | 76570 | Chrysene-d12     | 14.051 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-----------------------------|-----|------------|--------------|------|
| 1    |    |   | n-Tetracosanol-1            | 354 | C24H50O    | 000506-51-4  | 95   |
| 2    |    |   | Behenic alcohol             | 326 | C22H46O    | 000661-19-8  | 95   |
| 3    |    |   | 1-Heneicosanol              | 312 | C21H44O    | 015594-90-8  | 95   |
| 4    |    |   | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1010351-87-0 | 94   |
| 5    |    |   | 1-Hexacosene                | 364 | C26H52     | 018835-33-1  | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070825\  
Data File : BF143036.D  
Acq On : 08 Jul 2025 16:36  
Operator : RC/JU  
Sample : Q2514-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-94

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.081  | 6.2     | ng    | 91558    | 1                     | 6.869  | 295067 | 20.0 |
| Benzophenone       | 10.628 | 6.0     | ng    | 119813   | 3                     | 9.916  | 397212 | 20.0 |
| 1-Heneicosanol     | 13.892 | 4.8     | ng    | 65995    | 5                     | 14.051 | 277720 | 20.0 |
| 3,6,9,12-Tetrao... | 13.910 | 5.5     | ng    | 76066    | 5                     | 14.051 | 277720 | 20.0 |
| n-Tetracosanol-1   | 14.533 | 5.5     | ng    | 76570    | 5                     | 14.051 | 277720 | 20.0 |