

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF063025\  
 Data File : BF142924.D  
 Acq On : 30 Jun 2025 19:44  
 Operator : RC/JU  
 Sample : Q2436-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-86

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: BF142924.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         | 5.087       | 486           | 492         | 503          | rVB      | 83242          | 123604        | 8.63%           | 1.253%        |
| 2         | 5.493       | 555           | 561         | 575          | rBV      | 923848         | 1204543       | 84.07%          | 12.214%       |
| 3         | 6.504       | 727           | 733         | 752          | rBV      | 858009         | 1189206       | 83.00%          | 12.059%       |
| 4         | 6.869       | 790           | 795         | 801          | rBV      | 325029         | 415795        | 29.02%          | 4.216%        |
| 5         | 7.028       | 812           | 822         | 829          | rVB      | 14035          | 16767         | 1.17%           | 0.170%        |
| 6         | 7.434       | 885           | 891         | 896          | rBV      | 616347         | 773695        | 54.00%          | 7.845%        |
| 7         | 8.157       | 1009          | 1014        | 1019         | rBV      | 439070         | 537737        | 37.53%          | 5.453%        |
| 8         | 9.233       | 1190          | 1197        | 1202         | rBV      | 1147110        | 1432708       | 100.00%         | 14.528%       |
| 9         | 9.916       | 1307          | 1313        | 1318         | rBV      | 466235         | 588734        | 41.09%          | 5.970%        |
| 10        | 10.628      | 1428          | 1434        | 1442         | rBV      | 76522          | 96975         | 6.77%           | 0.983%        |
| 11        | 10.704      | 1442          | 1447        | 1458         | rBV      | 647124         | 812459        | 56.71%          | 8.239%        |
| 12        | 11.404      | 1560          | 1566        | 1572         | rBV      | 427574         | 541965        | 37.83%          | 5.496%        |
| 13        | 11.922      | 1648          | 1654        | 1658         | rBV      | 36582          | 53344         | 3.72%           | 0.541%        |
| 14        | 12.845      | 1806          | 1811        | 1816         | rBV      | 23669          | 35725         | 2.49%           | 0.362%        |
| 15        | 12.986      | 1830          | 1835        | 1841         | rBV      | 821065         | 1050647       | 73.33%          | 10.654%       |
| 16        | 13.886      | 1983          | 1988        | 2004         | rBV      | 36605          | 72935         | 5.09%           | 0.740%        |
| 17        | 14.045      | 2010          | 2015        | 2026         | rVB      | 275956         | 370053        | 25.83%          | 3.752%        |
| 18        | 14.516      | 2089          | 2095        | 2108         | rBV4     | 13789          | 42542         | 2.97%           | 0.431%        |
| 19        | 15.539      | 2263          | 2269        | 2278         | rBV      | 280955         | 432015        | 30.15%          | 4.381%        |
| 20        | 17.974      | 2678          | 2683        | 2695         | rBV      | 7030           | 25381         | 1.77%           | 0.257%        |
| 21        | 18.462      | 2759          | 2766        | 2784         | rBV      | 10213          | 44858         | 3.13%           | 0.455%        |

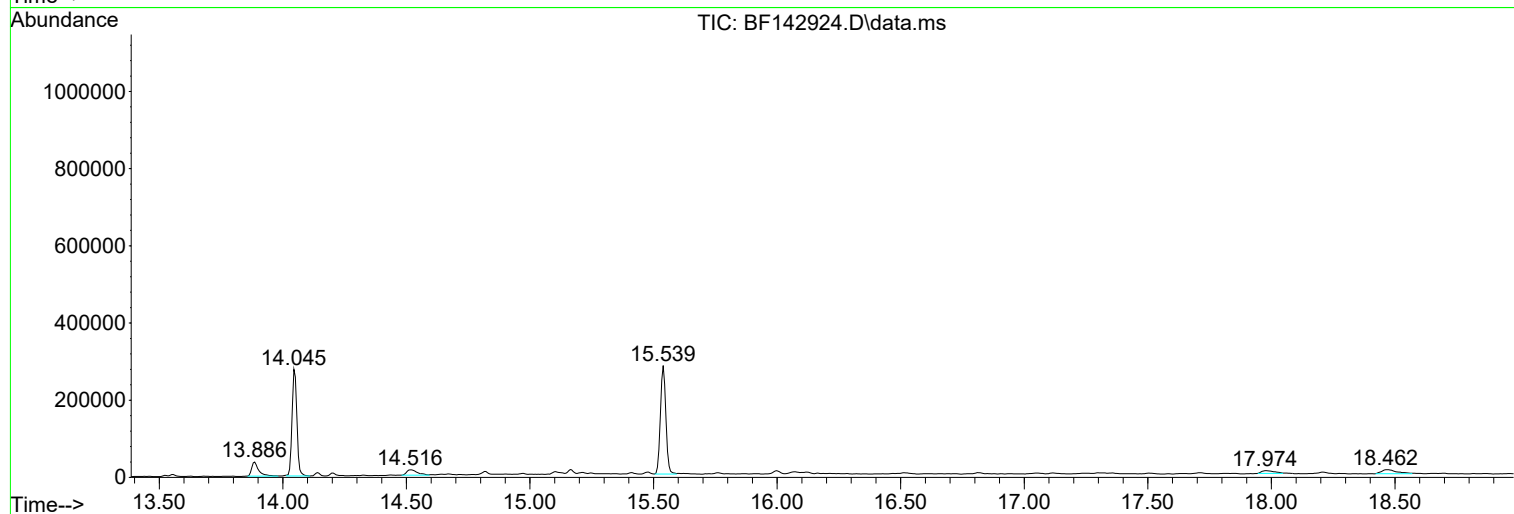
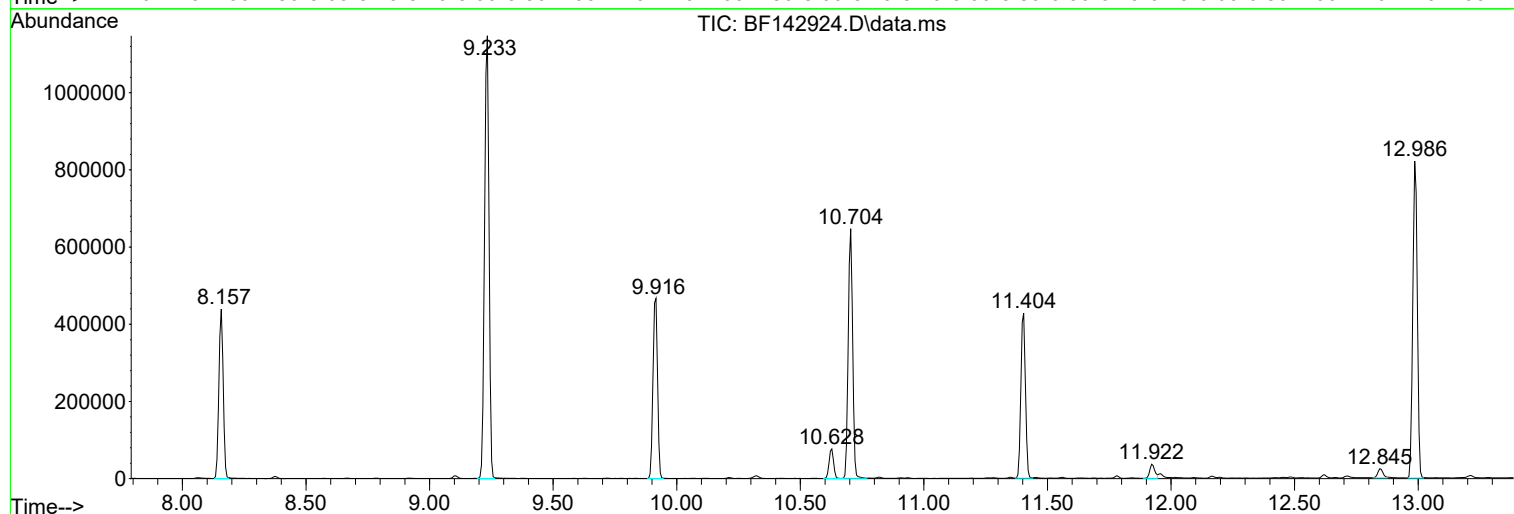
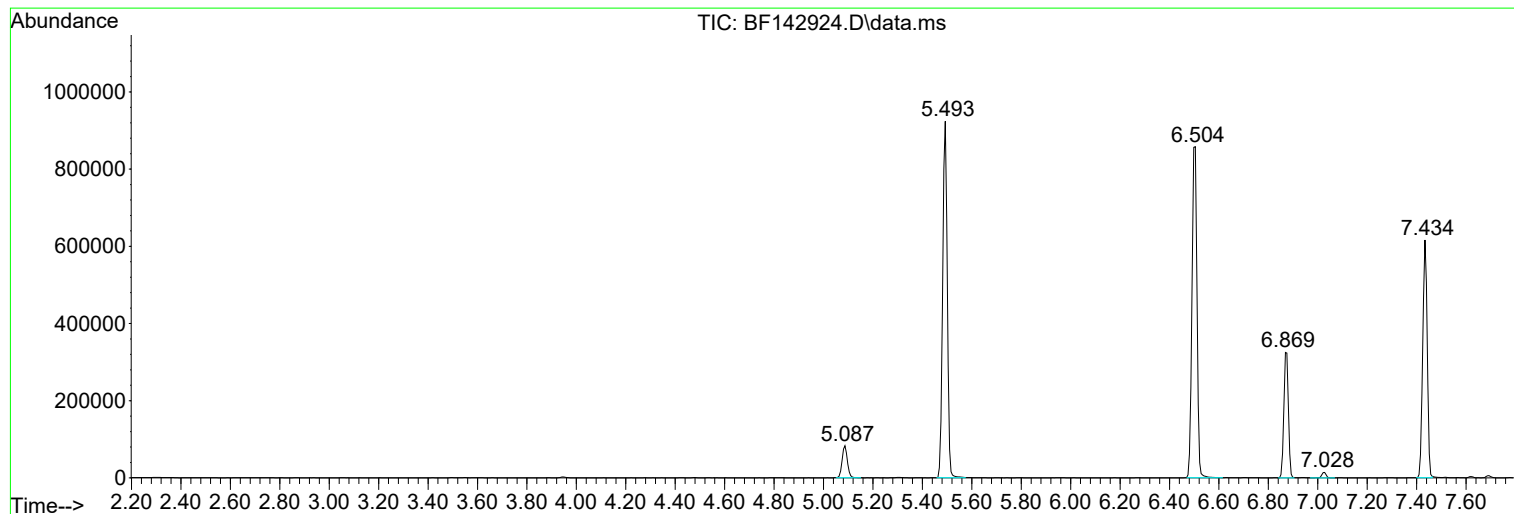
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-86

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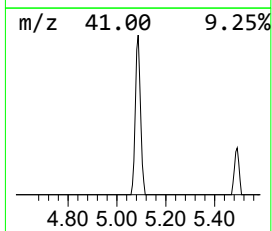
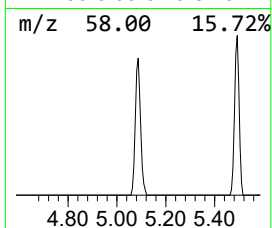
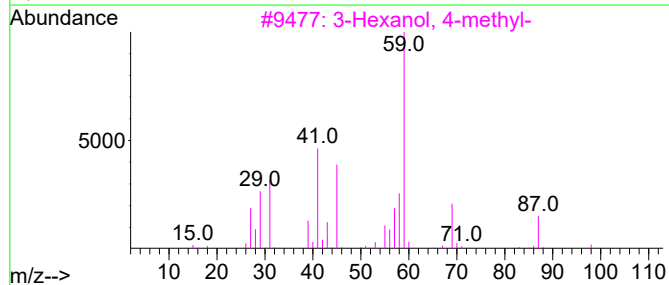
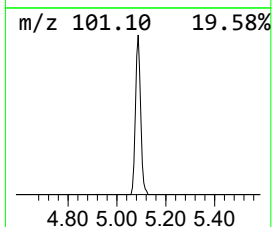
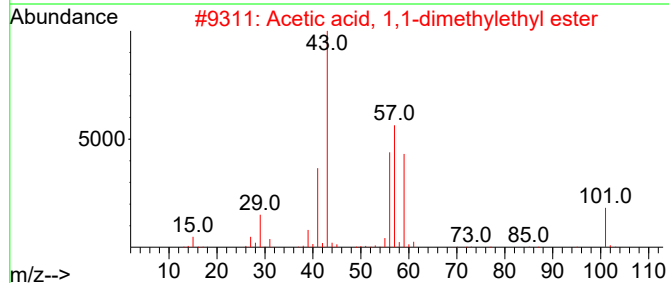
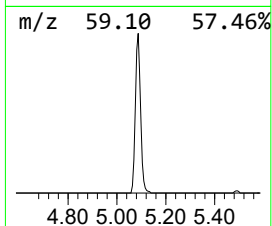
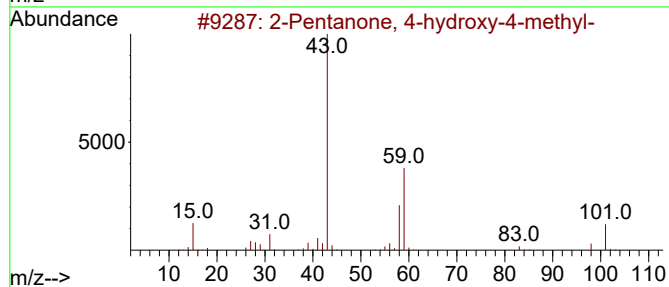
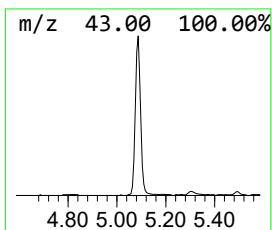
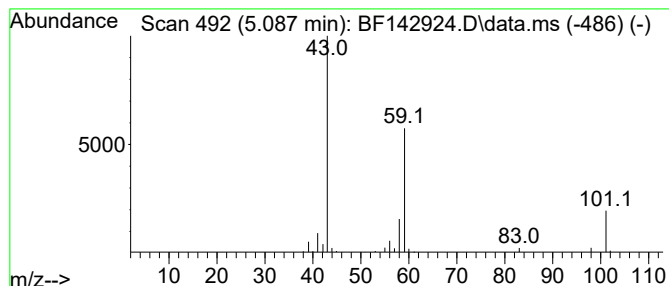
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.  |
|-------|---------|--------|------------------------|-------|
| 5.087 | 5.95 ng | 123604 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2      | 000540-88-5 | 39      |      |      |
| 3    | 3-Hexanol, 4-methyl-                | 116 | C7H16O       | 000615-29-2 | 28      |      |      |
| 4    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 5    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |



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TP-86

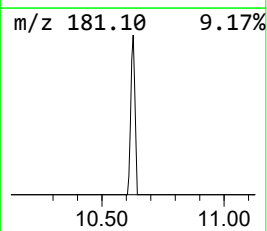
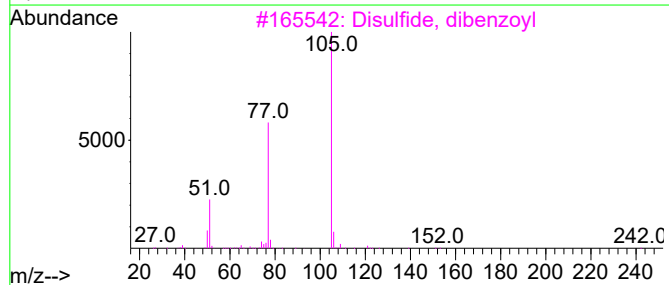
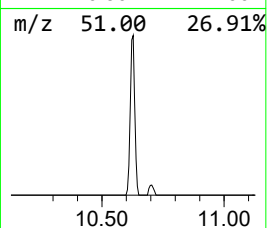
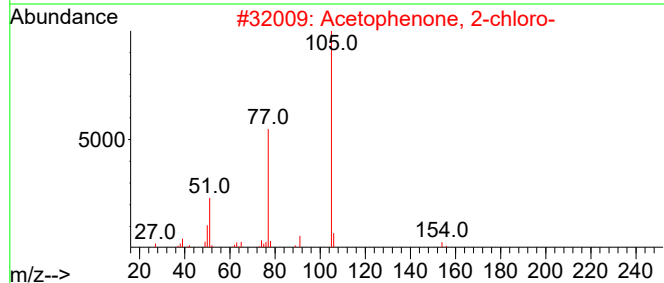
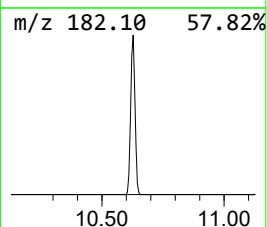
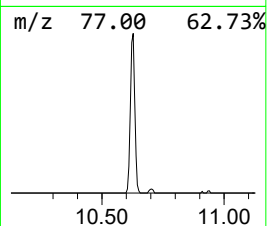
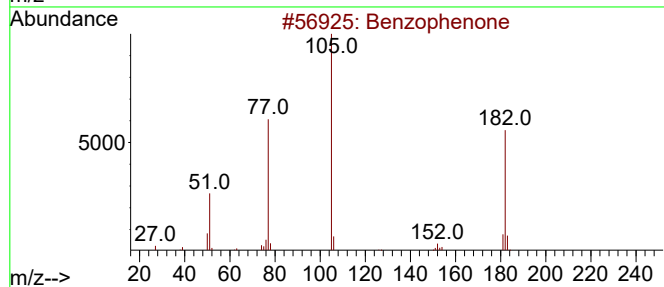
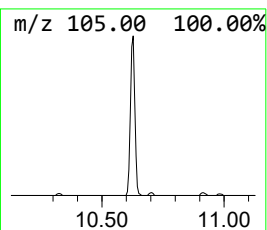
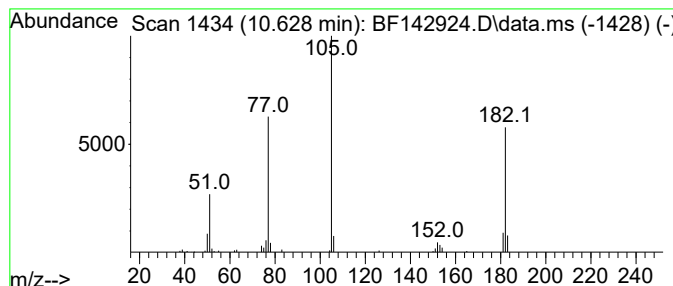
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.  |
|--------|---------|-------|------------------|-------|
| 10.628 | 3.29 ng | 96975 | Acenaphthene-d10 | 9.916 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O      | 000119-61-9  | 97   |
| 2    |    |   | Acetophenone, 2-chloro-             | 154 | C8H7ClO      | 000532-27-4  | 46   |
| 3    |    |   | Disulfide, dibenzoyl                | 274 | C14H10O2S2   | 000644-32-6  | 43   |
| 4    |    |   | N-Methylbenzamide, N-trifluoroac... | 231 | C10H8F3NO2   | 1000446-91-5 | 43   |
| 5    |    |   | N-Methylbenzamide, N-chlorodiflu... | 247 | C10H8ClF2NO2 | 1000446-98-2 | 43   |



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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-86

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

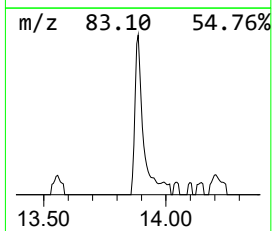
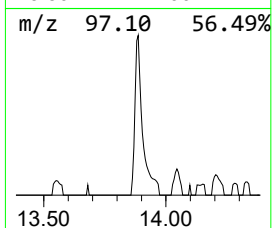
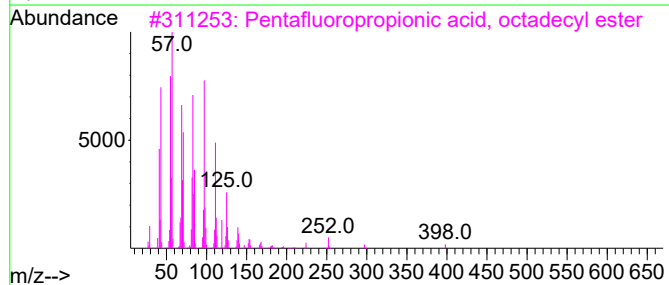
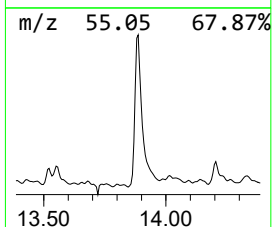
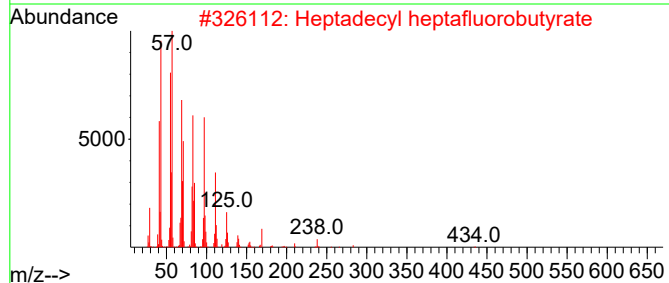
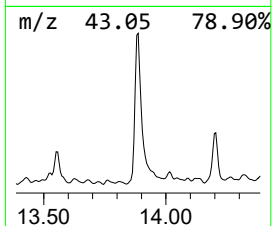
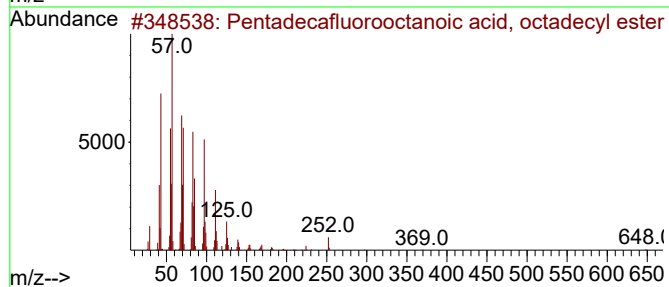
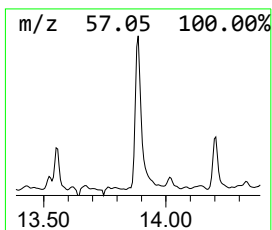
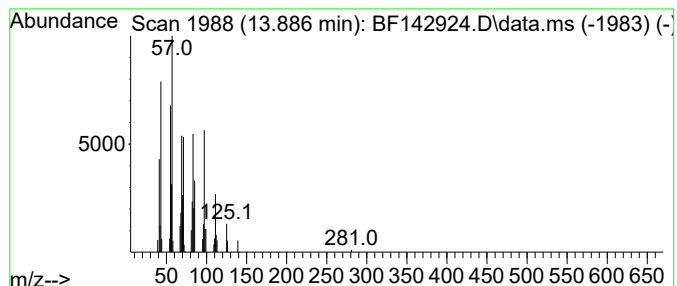
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 13.886 | 3.94 ng | 72935 | Chrysene-d12     | 14.045 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 95   |
| 2    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 91   |
| 3    |    |   | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2  | 959261-25-7  | 91   |
| 4    |    |   | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2  | 000400-57-7  | 91   |
| 5    |    |   | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0  | 91   |



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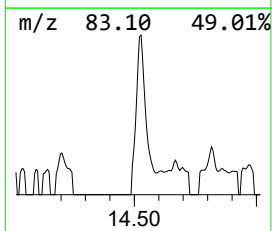
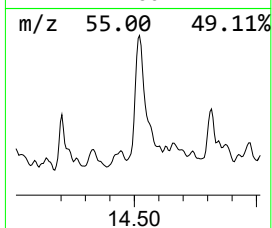
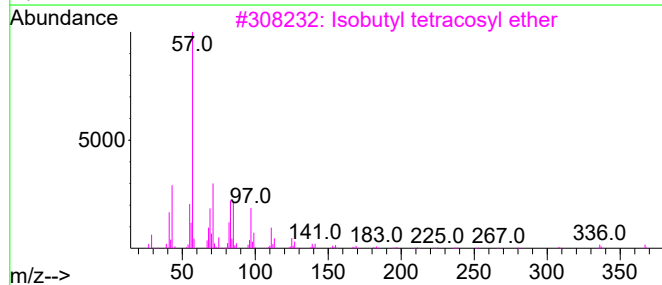
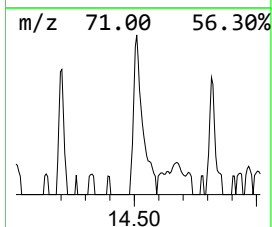
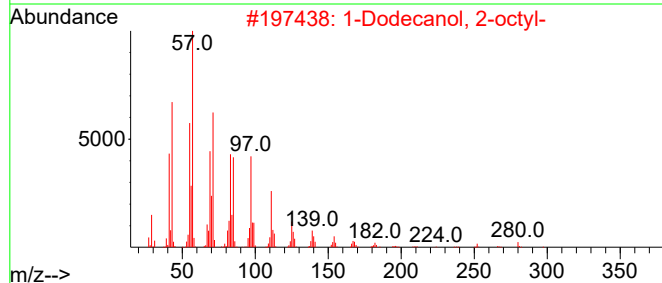
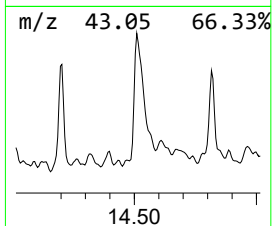
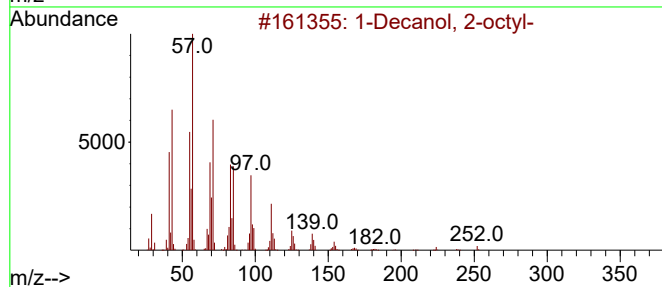
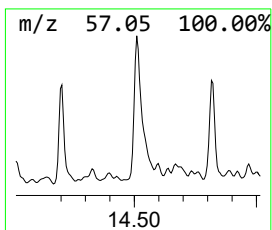
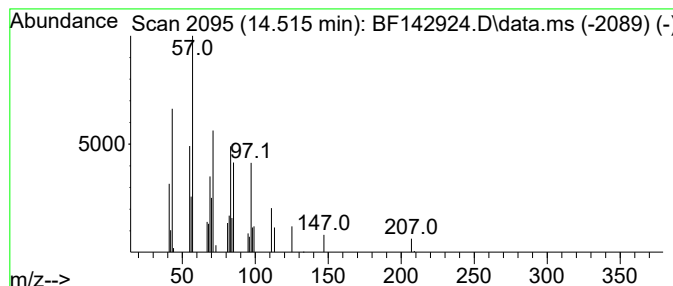
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TIC Library : C:\Database\NIST20.L  
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Peak Number 4 1-Decanol, 2-octyl- Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.515 | 2.30 ng | 42542 | Chrysene-d12     | 14.045 |

| Hit# | of                        | 5 | Tentative ID | MW  | MolForm | CAS#         | Qual |
|------|---------------------------|---|--------------|-----|---------|--------------|------|
| 1    | 1-Decanol, 2-octyl-       |   |              | 270 | C18H38O | 045235-48-1  | 91   |
| 2    | 1-Dodecanol, 2-octyl-     |   |              | 298 | C20H42O | 005333-42-6  | 91   |
| 3    | Isobutyl tetracosyl ether |   |              | 410 | C28H58O | 1000406-33-2 | 90   |
| 4    | Eicosyl isobutyl ether    |   |              | 354 | C24H50O | 1000406-33-0 | 90   |
| 5    | 1-Dodecanol, 2-hexyl-     |   |              | 270 | C18H38O | 110225-00-8  | 86   |



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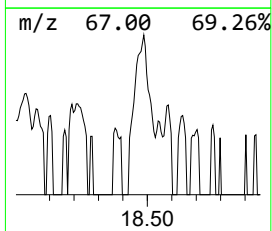
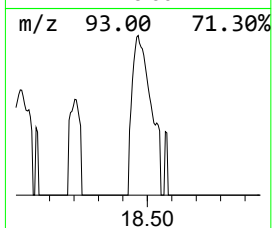
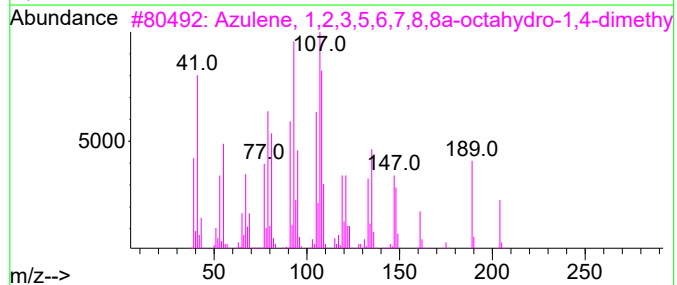
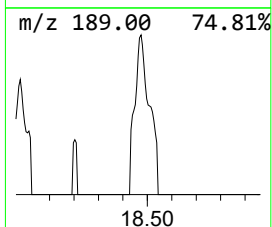
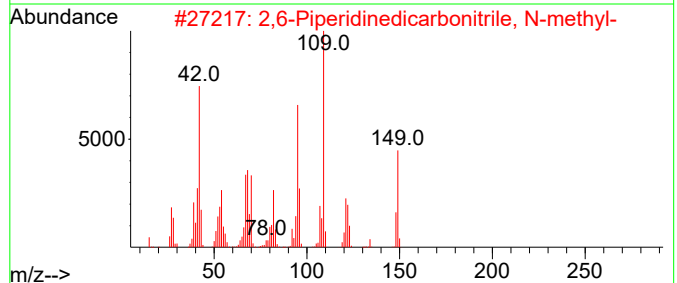
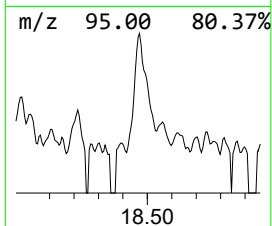
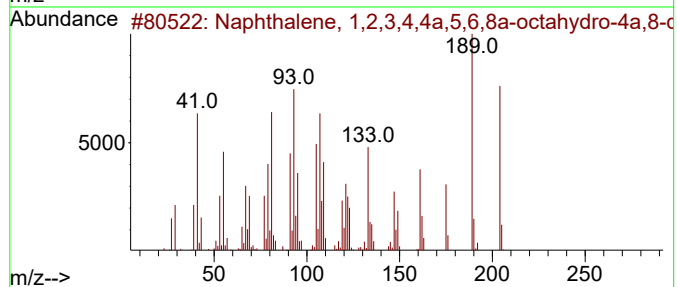
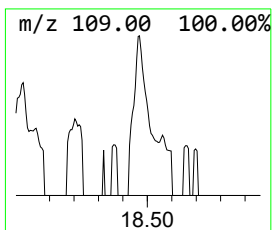
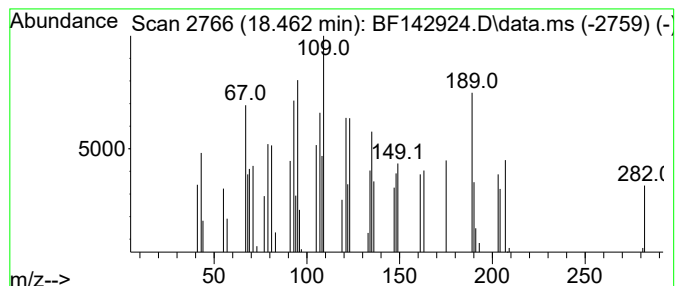
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown18.462 Concentration Rank 5

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 18.462    | 2.08 ng                             | 44858 | Perylene-d12     | 15.539       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Naphthalene, 1,2,3,4,4a,5,6,8a-o... | 204   | C15H24           | 000473-13-2  | 42   |
| 2         | 2,6-Piperidinedicarbonitrile, N-... | 149   | C8H11N3          | 090090-68-9  | 30   |
| 3         | Azulene, 1,2,3,5,6,7,8,8a-octahy... | 204   | C15H24           | 003691-11-0  | 27   |
| 4         | Isolongifolol                       | 222   | C15H26O          | 001139-17-9  | 27   |
| 5         | Guaia-9,11-diene                    | 204   | C15H24           | 1000374-19-8 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF063025\  
Data File : BF142924.D  
Acq On : 30 Jun 2025 19:44  
Operator : RC/JU  
Sample : Q2436-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-86

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-... | 5.087  | 6.0     | ng    | 123604   | 1                     | 6.875  | 415795 | 20.0 |
| Benzophenone       | 10.628 | 3.3     | ng    | 96975    | 3                     | 9.916  | 588734 | 20.0 |
| Pentadecafluoro... | 13.886 | 3.9     | ng    | 72935    | 5                     | 14.045 | 370053 | 20.0 |
| 1-Decanol, 2-oc... | 14.515 | 2.3     | ng    | 42542    | 5                     | 14.045 | 370053 | 20.0 |
| unknown18.462      | 18.462 | 2.1     | ng    | 44858    | 6                     | 15.539 | 432015 | 20.0 |