

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070225\  
 Data File : BF142984.D  
 Acq On : 02 Jul 2025 21:52  
 Operator : RC/JU  
 Sample : Q2478-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142984.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         | 5.075       | 485           | 490         | 502          | rBV      | 50906          | 75067         | 7.80%           | 1.095%        |
| 2         | 5.487       | 555           | 560         | 574          | rBV      | 562386         | 732648        | 76.15%          | 10.688%       |
| 3         | 6.498       | 727           | 732         | 754          | rVB      | 580766         | 751252        | 78.08%          | 10.959%       |
| 4         | 6.869       | 790           | 795         | 805          | rBV      | 263206         | 320184        | 33.28%          | 4.671%        |
| 5         | 7.434       | 886           | 891         | 906          | rBV      | 388067         | 485211        | 50.43%          | 7.078%        |
| 6         | 8.157       | 1009          | 1014        | 1024         | rBV      | 328274         | 410947        | 42.71%          | 5.995%        |
| 7         | 9.228       | 1191          | 1196        | 1212         | rBV      | 767504         | 962132        | 100.00%         | 14.035%       |
| 8         | 9.910       | 1307          | 1312        | 1317         | rBV      | 346867         | 435821        | 45.30%          | 6.358%        |
| 9         | 10.622      | 1428          | 1433        | 1438         | rBV      | 98766          | 122492        | 12.73%          | 1.787%        |
| 10        | 10.704      | 1442          | 1447        | 1456         | rVV      | 380150         | 493904        | 51.33%          | 7.205%        |
| 11        | 11.404      | 1560          | 1566        | 1574         | rBV      | 285647         | 389660        | 40.50%          | 5.684%        |
| 12        | 11.921      | 1648          | 1654        | 1658         | rBV2     | 15987          | 26761         | 2.78%           | 0.390%        |
| 13        | 12.616      | 1768          | 1772        | 1780         | rBV      | 27220          | 33266         | 3.46%           | 0.485%        |
| 14        | 12.845      | 1805          | 1811        | 1815         | rBV      | 23354          | 34090         | 3.54%           | 0.497%        |
| 15        | 12.986      | 1830          | 1835        | 1840         | rBV      | 598942         | 738489        | 76.76%          | 10.773%       |
| 16        | 13.886      | 1983          | 1988        | 2000         | rBV2     | 17886          | 42661         | 4.43%           | 0.622%        |
| 17        | 14.045      | 2007          | 2015        | 2028         | rBV      | 290682         | 415292        | 43.16%          | 6.058%        |
| 18        | 14.804      | 2139          | 2144        | 2151         | rBV2     | 24340          | 41763         | 4.34%           | 0.609%        |
| 19        | 15.104      | 2190          | 2195        | 2202         | rBV      | 14777          | 36298         | 3.77%           | 0.530%        |
| 20        | 15.474      | 2255          | 2258        | 2263         | rVB      | 10414          | 15115         | 1.57%           | 0.220%        |
| 21        | 15.539      | 2263          | 2269        | 2280         | rBV      | 187412         | 291991        | 30.35%          | 4.260%        |

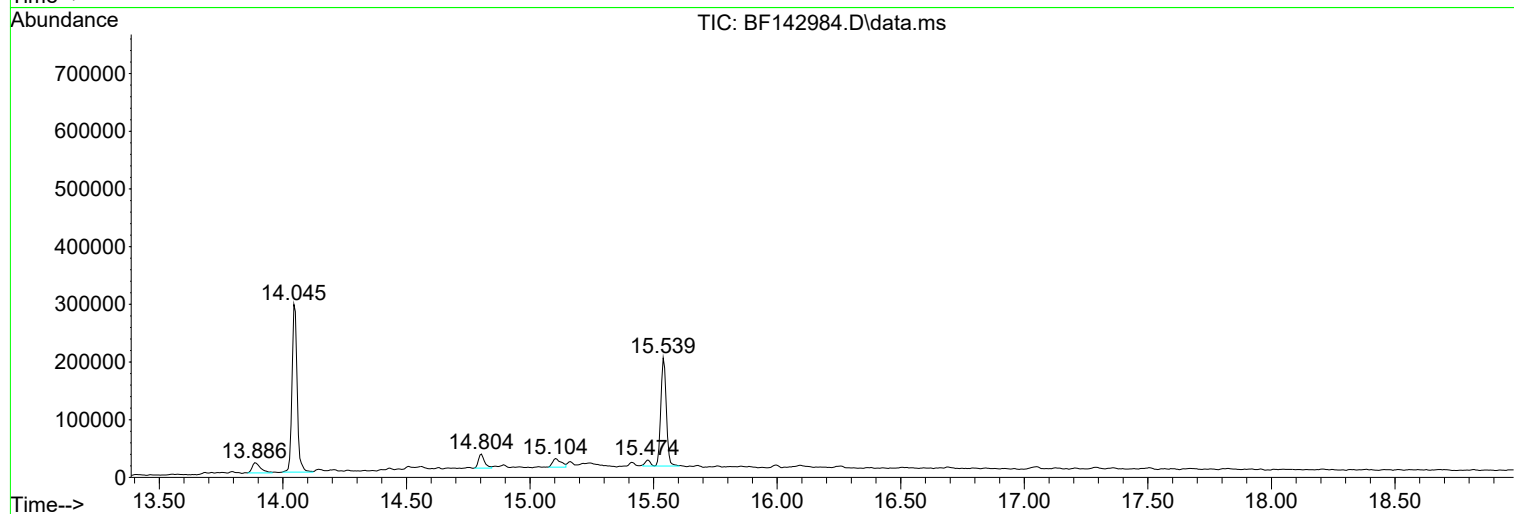
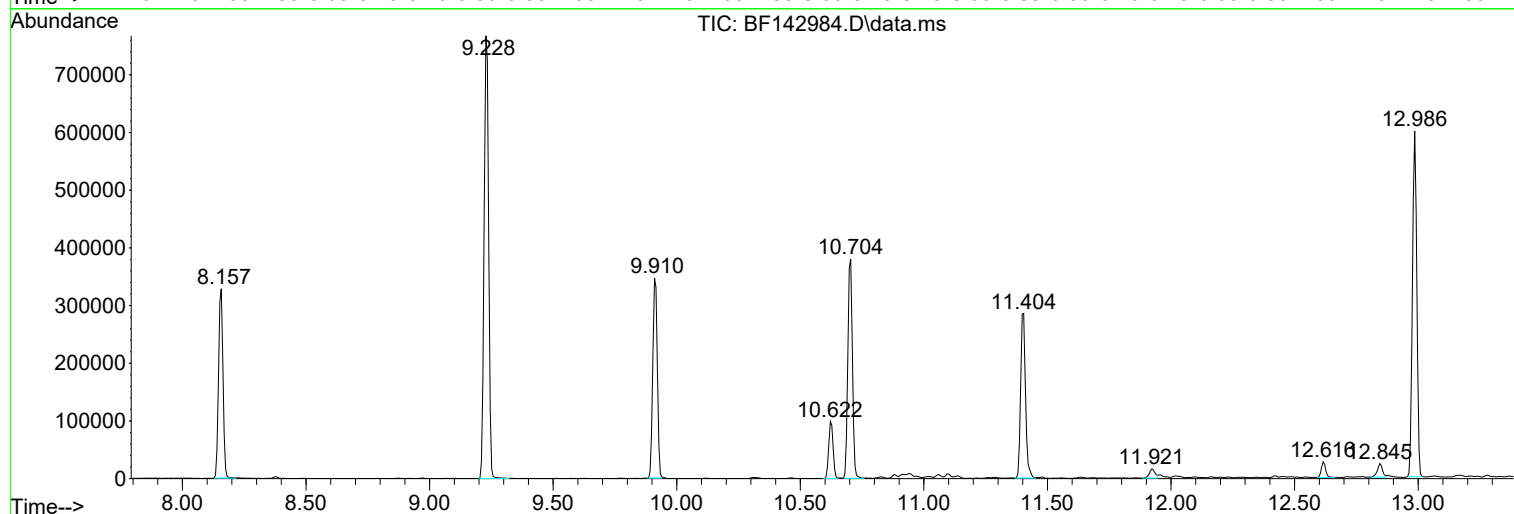
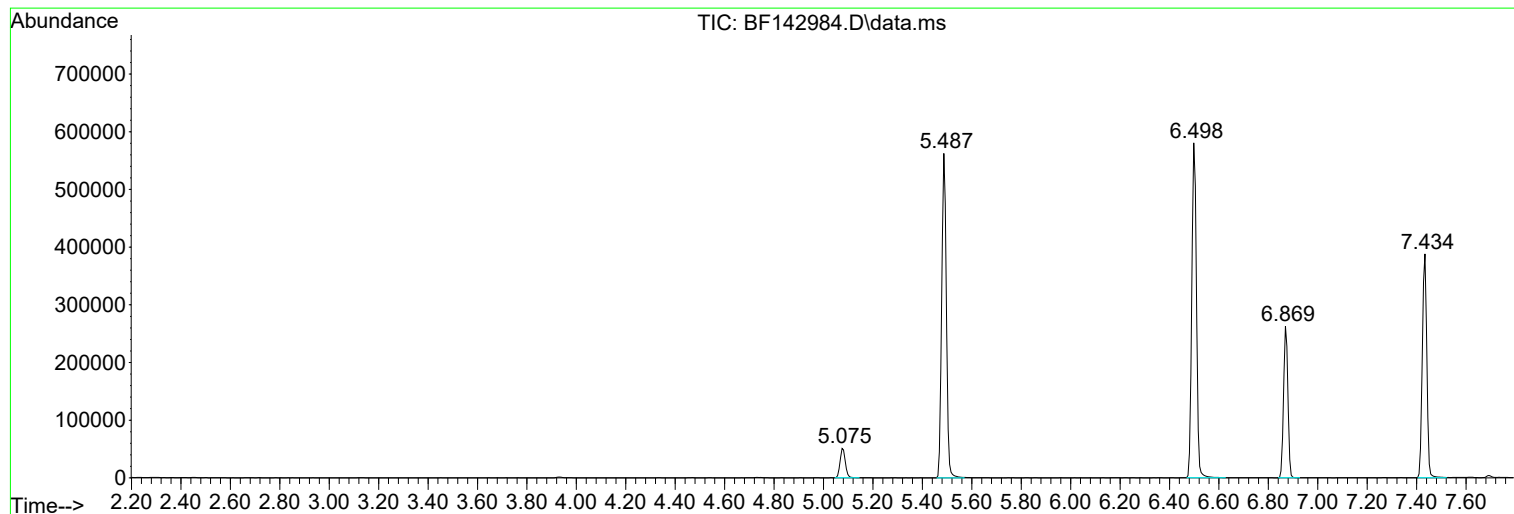
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ALS Vial : 22 Sample Multiplier: 1

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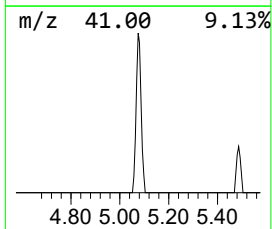
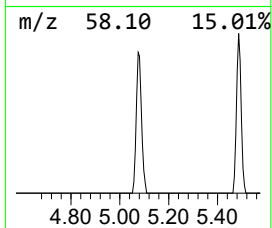
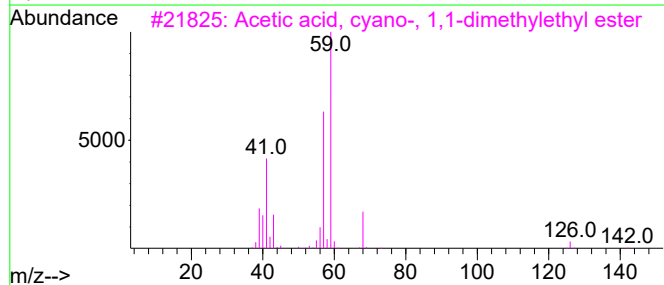
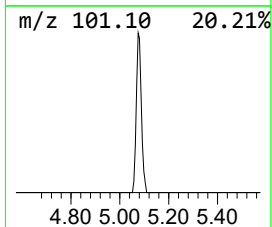
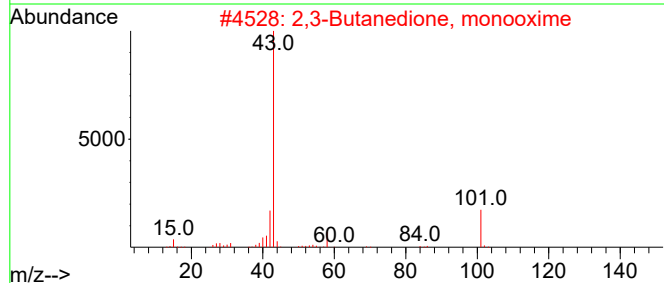
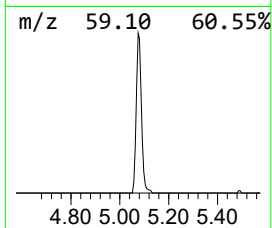
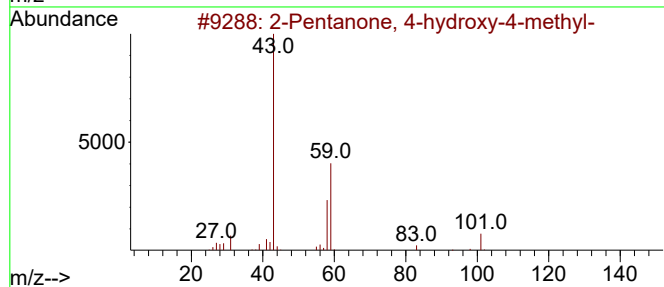
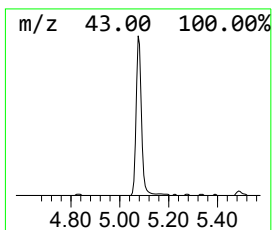
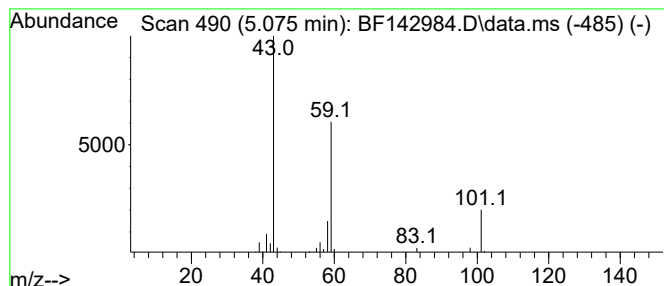
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.075 | 4.69 ng | 75067 | 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 | 56      |      |      |
| 2    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 35      |      |      |
| 3    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 4    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |
| 5    | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2      | 016504-58-8 | 9       |      |      |



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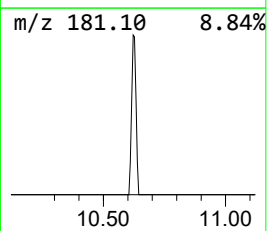
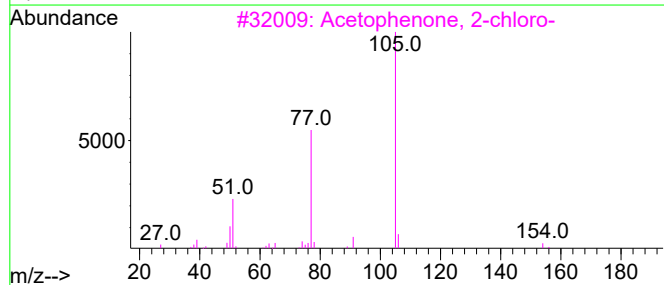
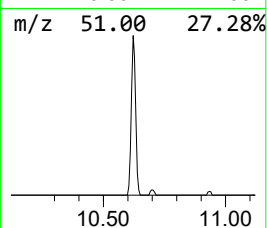
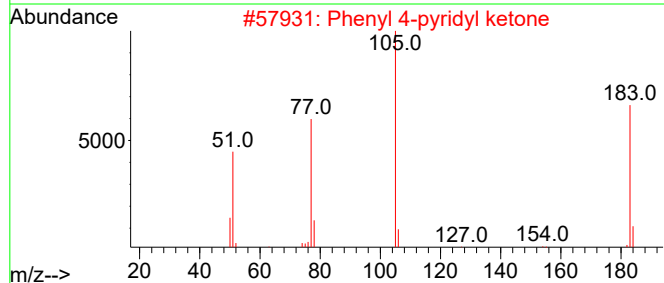
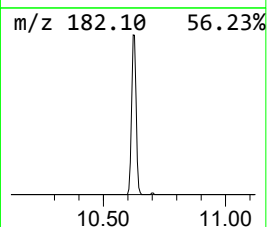
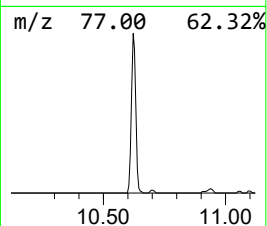
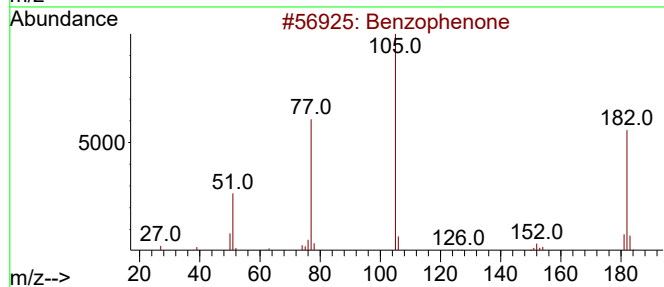
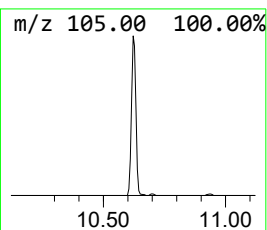
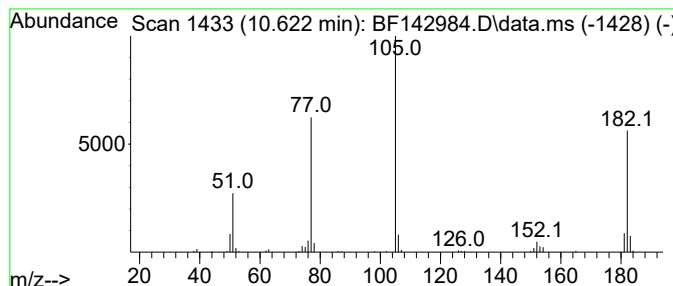
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.622 | 5.62 ng | 122492 | Acenaphthene-d10 | 9.910 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                       | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Phenyl 4-pyridyl ketone            | 183 | C12H9NO  | 014548-46-0 | 50   |
| 3    |    |   | Acetophenone, 2-chloro-            | 154 | C8H7ClO  | 000532-27-4 | 49   |
| 4    |    |   | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 47   |
| 5    |    |   | Pentafluoroethyl phenyl ketone     | 224 | C9H5F5O  | 000394-52-5 | 47   |



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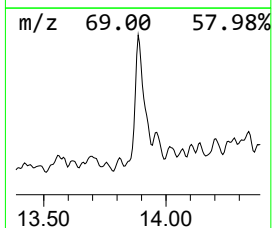
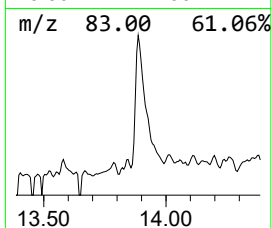
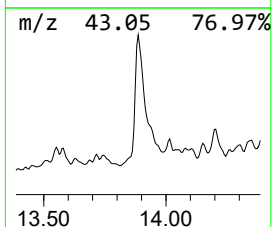
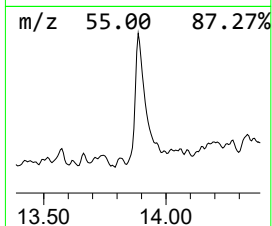
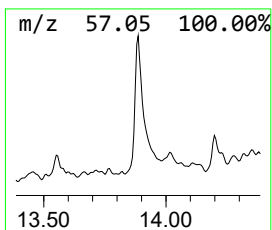
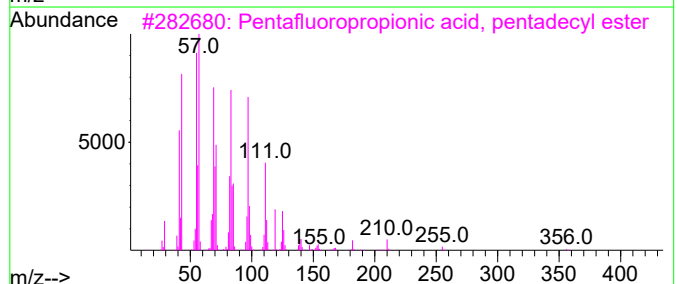
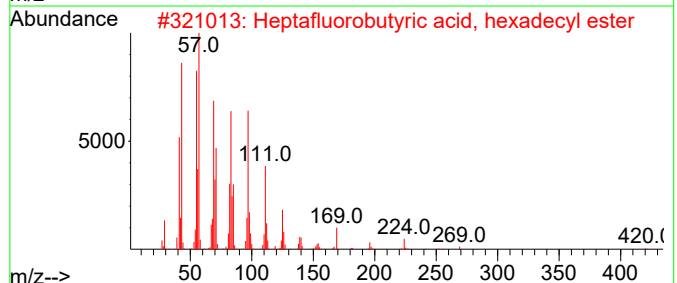
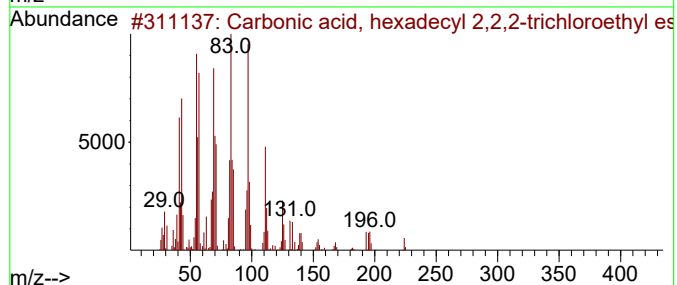
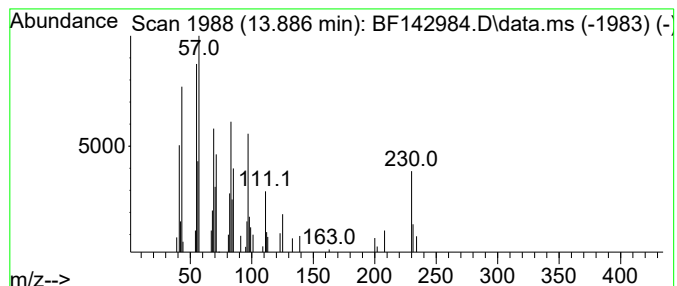
TIC Library : C:\Database\NIST20.L  
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Peak Number 3 Carbonic acid, hexadecyl 2,... Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 13.886 | 2.05 ng | 42661 | Chrysene-d12     | 14.045 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Carbonic acid, hexadecyl 2,2,2-t... | 416 | C19H35Cl3O3 | 1000314-56-2 | 83   |
| 2    |    |   | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2  | 006385-15-5  | 70   |
| 3    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2  | 959092-08-1  | 70   |
| 4    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3  | 70   |
| 5    |    |   | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2  | 006222-07-7  | 70   |



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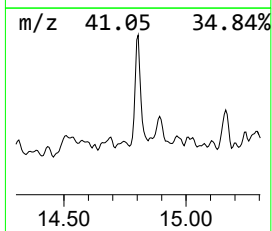
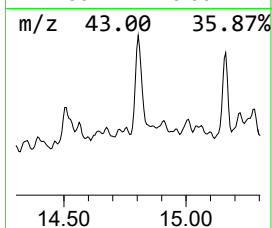
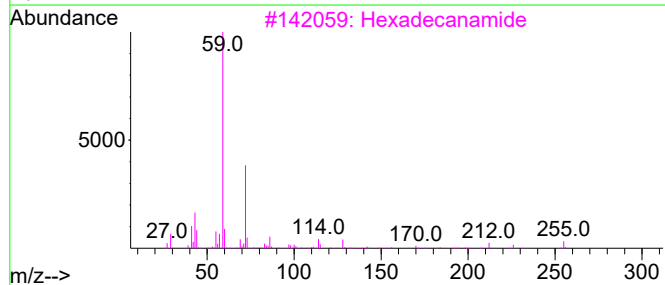
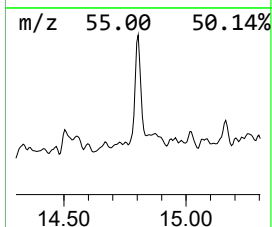
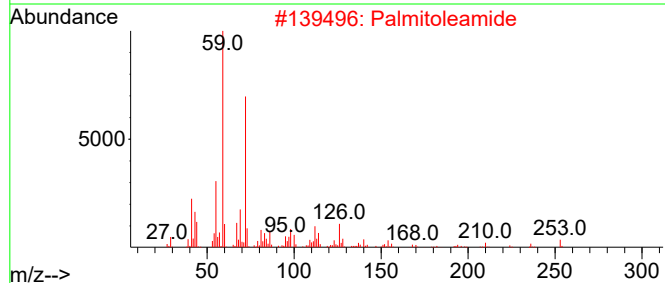
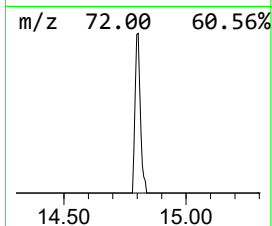
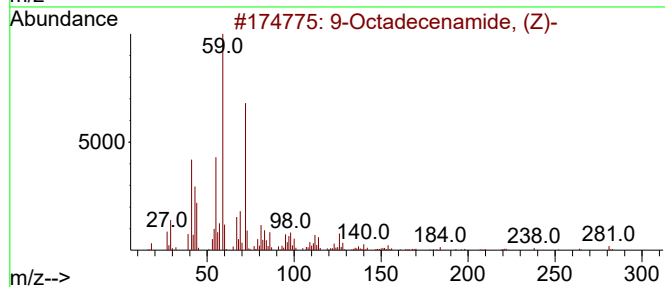
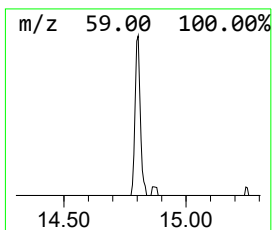
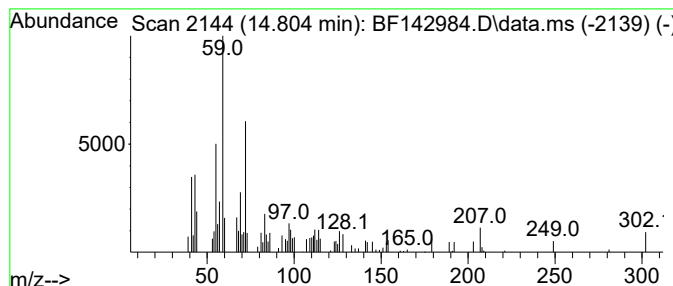
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Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.804 | 2.86 ng | 41763 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------|-----|----------|-------------|------|
| 1    |    |   | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 94   |
| 2    |    |   | Palmitoleamide         | 253 | C16H31NO | 106010-22-4 | 72   |
| 3    |    |   | Hexadecanamide         | 255 | C16H33NO | 000629-54-9 | 53   |
| 4    |    |   | Octadecanamide         | 283 | C18H37NO | 000124-26-5 | 53   |
| 5    |    |   | Tetradecanamide        | 227 | C14H29NO | 000638-58-4 | 53   |



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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.075  | 4.7     | ng    | 75067    | 1                     | 6.869  | 320184 | 20.0 |
| Benzophenone       | 10.622 | 5.6     | ng    | 122492   | 3                     | 9.910  | 435821 | 20.0 |
| Carbonic acid, ... | 13.886 | 2.0     | ng    | 42661    | 5                     | 14.045 | 415292 | 20.0 |
| 9-Octadecenamid... | 14.804 | 2.9     | ng    | 41763    | 6                     | 15.539 | 291991 | 20.0 |