

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011022\  
 Data File : BF126568.D  
 Acq On : 10 Jan 2022 16:09  
 Operator : JU/CG  
 Sample : N1054-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20220019-CAPE-1-MODIFIED-ELUTRIATE

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-BF122921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126568.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         | 4.975       | 488           | 491         | 498          | rVB      | 30283          | 36980         | 1.35%           | 0.240%        |
| 2         | 5.387       | 556           | 561         | 564          | rBV      | 1684509        | 1573227       | 57.55%          | 10.198%       |
| 3         | 6.398       | 729           | 733         | 743          | rBV      | 1228429        | 1218592       | 44.57%          | 7.899%        |
| 4         | 6.769       | 792           | 796         | 799          | rBV      | 661686         | 510904        | 18.69%          | 3.312%        |
| 5         | 7.334       | 886           | 892         | 895          | rBV      | 1693463        | 1864425       | 68.20%          | 12.085%       |
| 6         | 7.957       | 994           | 998         | 1006         | rBV      | 387765         | 343750        | 12.57%          | 2.228%        |
| 7         | 8.051       | 1010          | 1014        | 1018         | rVV      | 845977         | 718840        | 26.29%          | 4.659%        |
| 8         | 8.328       | 1058          | 1061        | 1068         | rVB      | 71628          | 57571         | 2.11%           | 0.373%        |
| 9         | 9.133       | 1192          | 1198        | 1201         | rBV      | 2834699        | 2733820       | 100.00%         | 17.721%       |
| 10        | 9.528       | 1261          | 1265        | 1268         | rBV      | 543753         | 428373        | 15.67%          | 2.777%        |
| 11        | 9.810       | 1308          | 1313        | 1316         | rBV      | 846074         | 726961        | 26.59%          | 4.712%        |
| 12        | 10.598      | 1443          | 1447        | 1451         | rBV      | 1612887        | 1597685       | 58.44%          | 10.356%       |
| 13        | 11.292      | 1562          | 1565        | 1569         | rBV      | 744149         | 641724        | 23.47%          | 4.160%        |
| 14        | 11.692      | 1627          | 1633        | 1637         | rBV3     | 52544          | 66563         | 2.43%           | 0.431%        |
| 15        | 11.833      | 1652          | 1657        | 1666         | rBV3     | 41095          | 56701         | 2.07%           | 0.368%        |
| 16        | 12.886      | 1832          | 1836        | 1839         | rBV      | 1939948        | 1692851       | 61.92%          | 10.973%       |
| 17        | 13.792      | 1986          | 1990        | 2003         | rBV3     | 86709          | 141576        | 5.18%           | 0.918%        |
| 18        | 13.939      | 2011          | 2015        | 2018         | rBV      | 434725         | 387778        | 14.18%          | 2.514%        |
| 19        | 14.039      | 2027          | 2032        | 2037         | rBV      | 70704          | 71774         | 2.63%           | 0.465%        |
| 20        | 14.715      | 2138          | 2147        | 2149         | rBV3     | 22463          | 33253         | 1.22%           | 0.216%        |
| 21        | 15.398      | 2257          | 2263        | 2267         | rBV      | 382741         | 460796        | 16.86%          | 2.987%        |
| 22        | 15.862      | 2338          | 2342        | 2347         | rVB2     | 21550          | 31335         | 1.15%           | 0.203%        |
| 23        | 16.927      | 2518          | 2523        | 2529         | rBV3     | 15865          | 31958         | 1.17%           | 0.207%        |

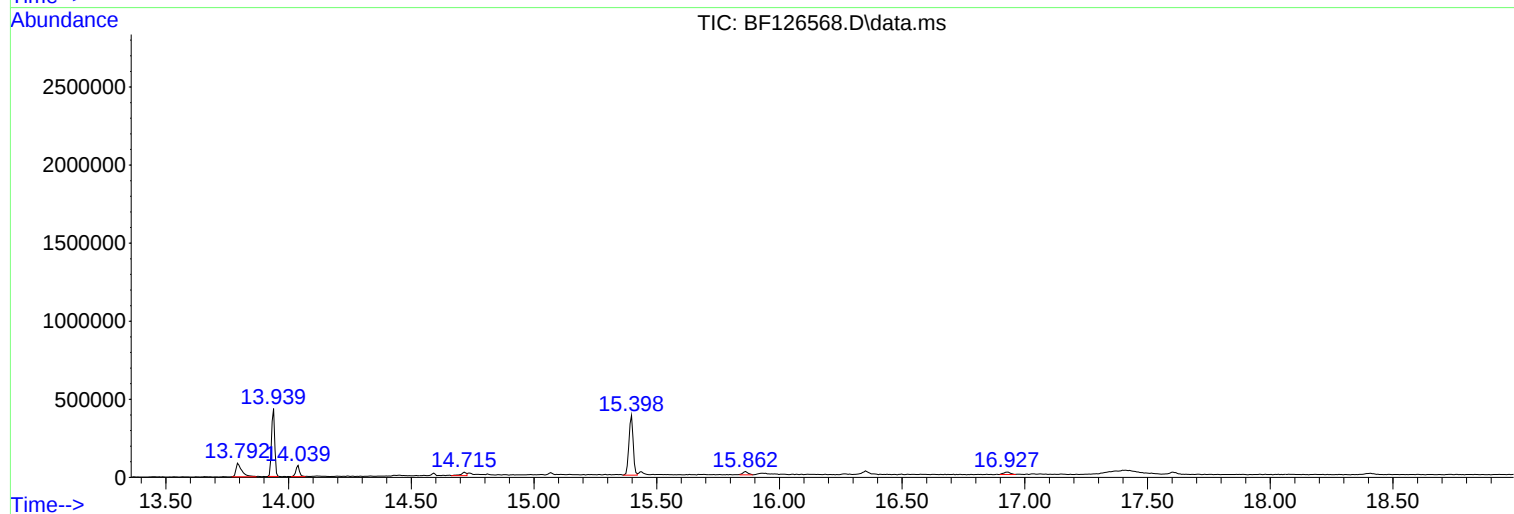
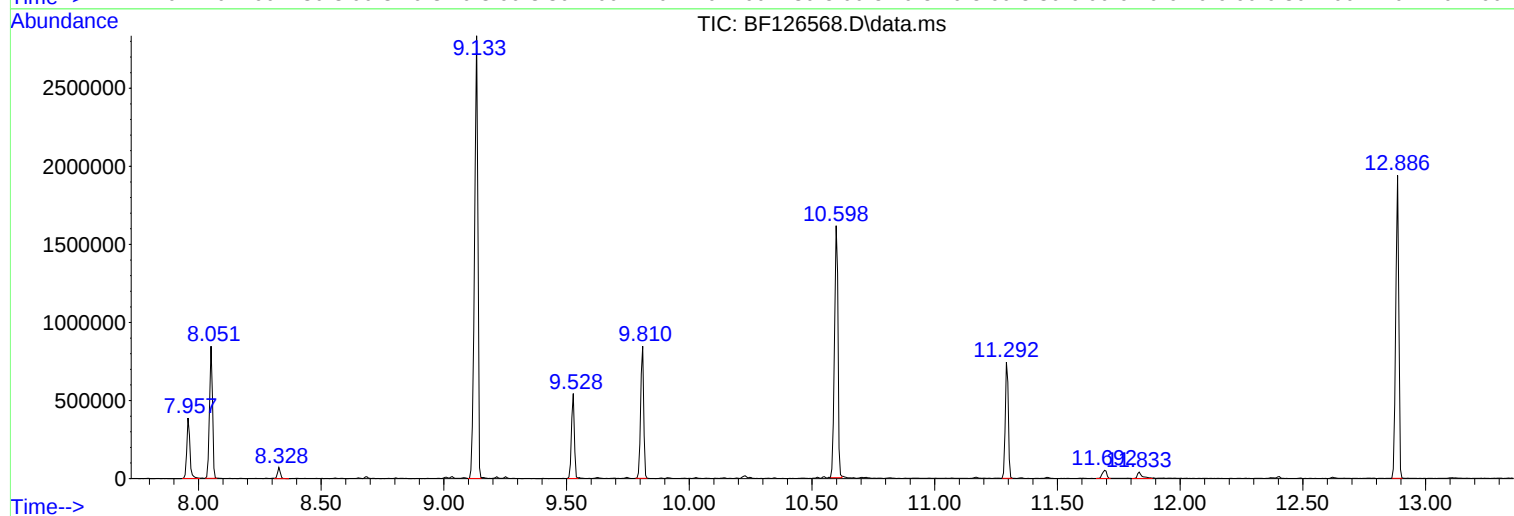
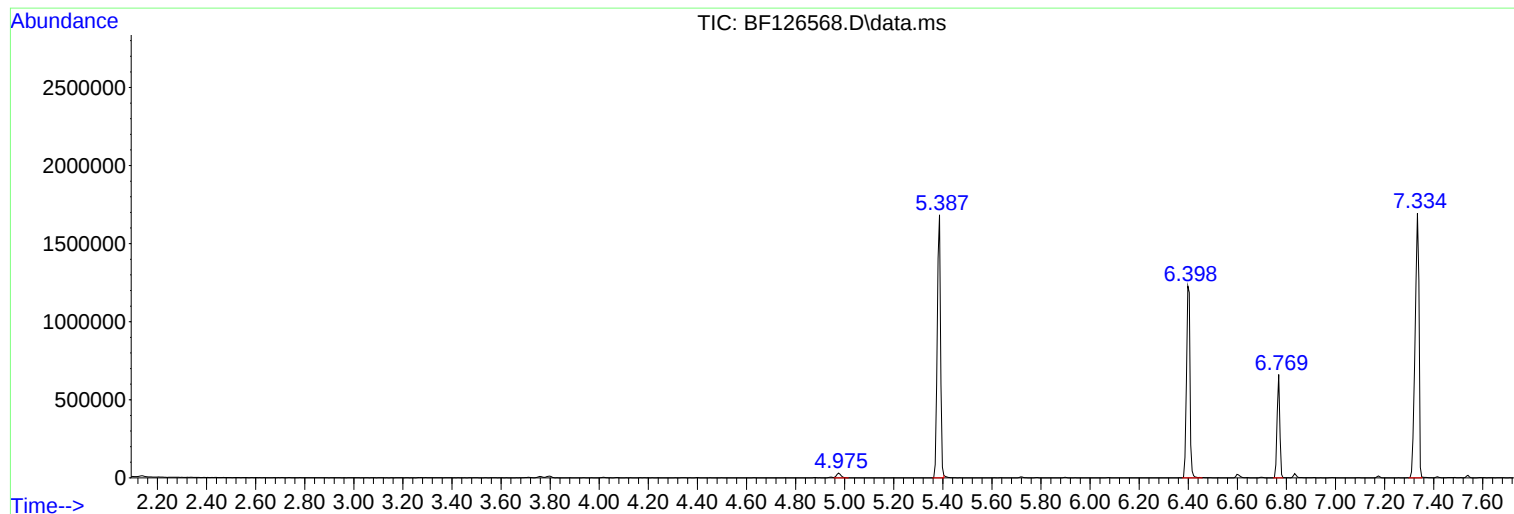
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ClientSampleId :  
20220019-CAPE-1-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.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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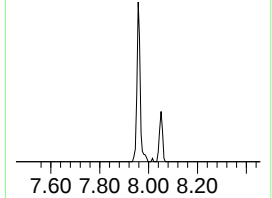
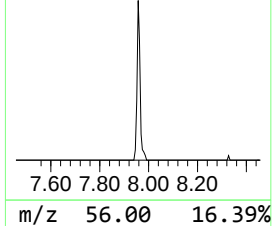
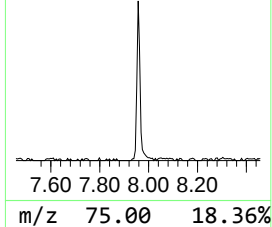
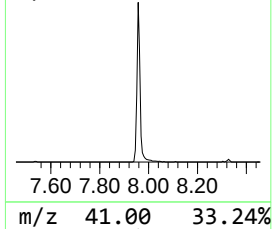
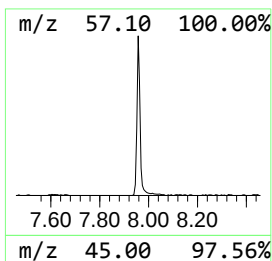
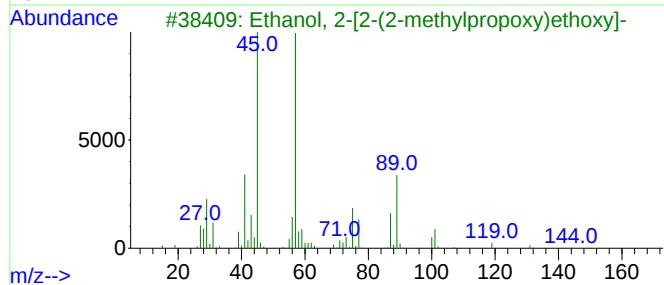
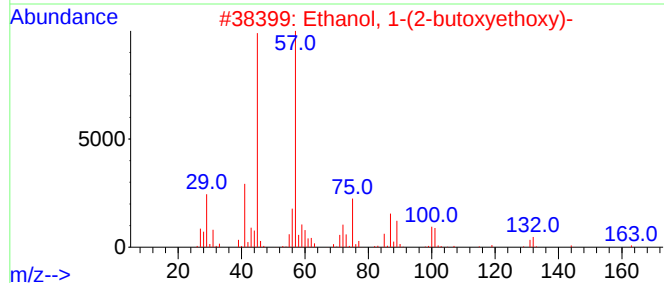
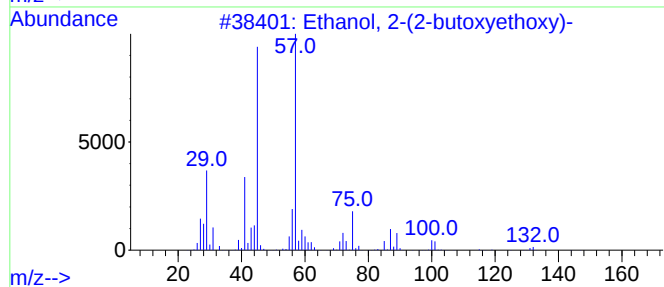
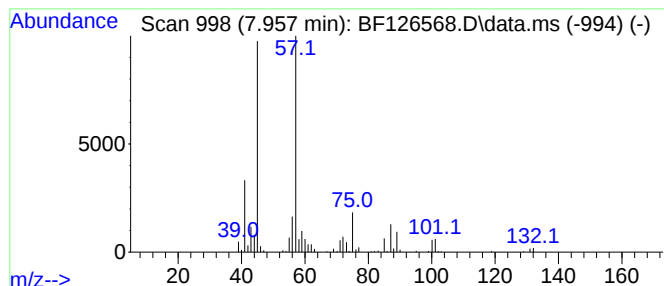
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 7.957 | 9.56 ng | 343750 | Naphthalene-d8   | 8.051 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 83   |
| 3    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 78   |
| 4    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 59   |
| 5    |    |   | 3,3-Dimethylbutane-2-ol             | 102 | C6H14O  | 000464-07-3 | 53   |



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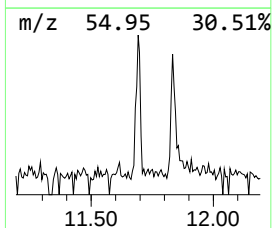
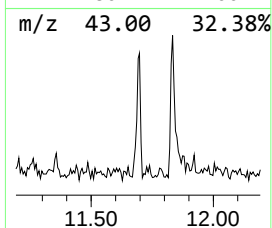
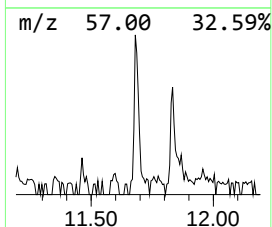
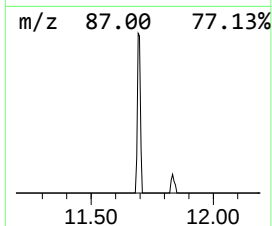
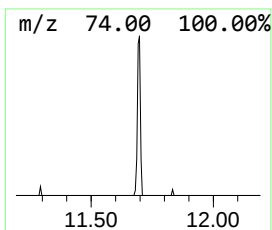
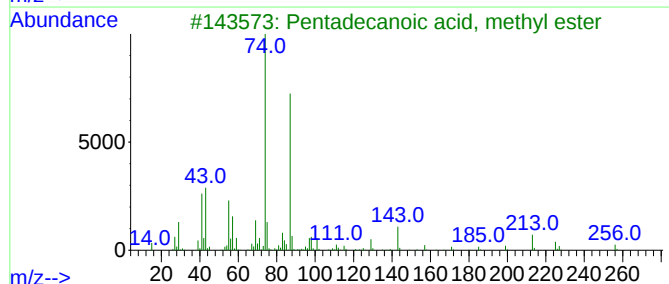
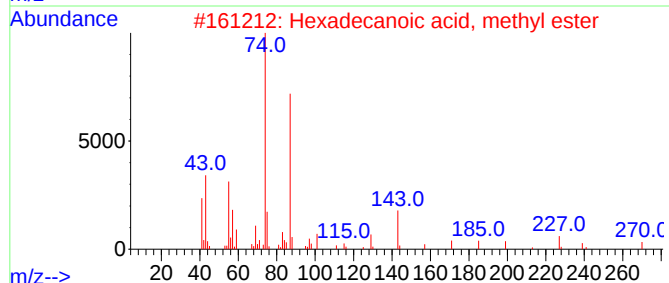
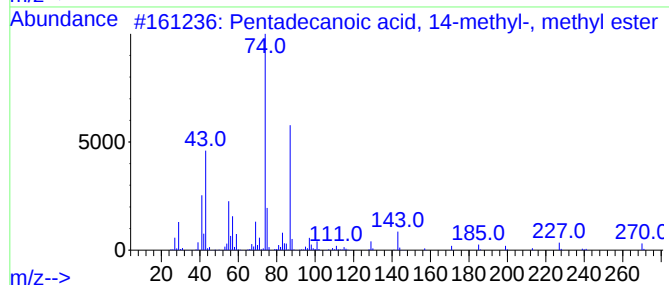
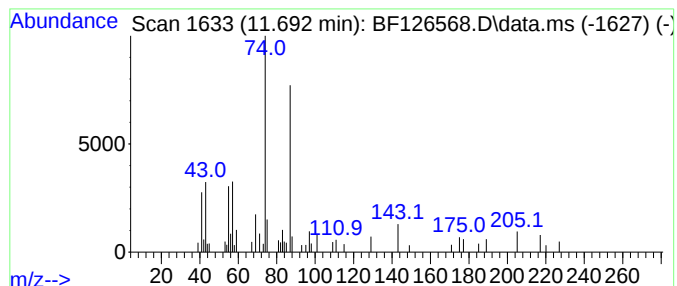
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Pentadecanoic acid, 14-meth... Concentration Rank 4

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 11.692    | 2.07 ng                             | 66563 | Phenanthrene-d10 | 11.292      |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | Pentadecanoic acid, 14-methyl-, ... | 270   | C17H34O2         | 005129-60-2 | 86   |
| 2         | Hexadecanoic acid, methyl ester     | 270   | C17H34O2         | 000112-39-0 | 80   |
| 3         | Pentadecanoic acid, methyl ester    | 256   | C16H32O2         | 007132-64-1 | 72   |
| 4         | Undecanoic acid, 11-bromo-, meth... | 278   | C12H23BrO2       | 006287-90-7 | 72   |
| 5         | Tridecanoic acid, methyl ester      | 228   | C14H28O2         | 001731-88-0 | 72   |



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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220019-CAPE-1-MODIFIED-ELUTRIATE

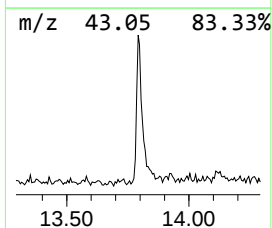
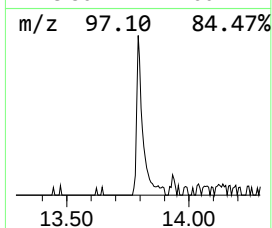
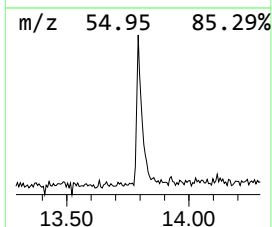
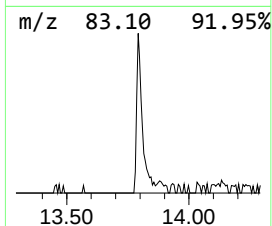
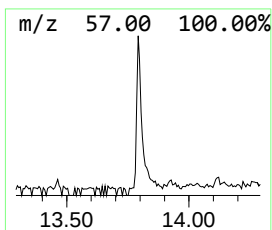
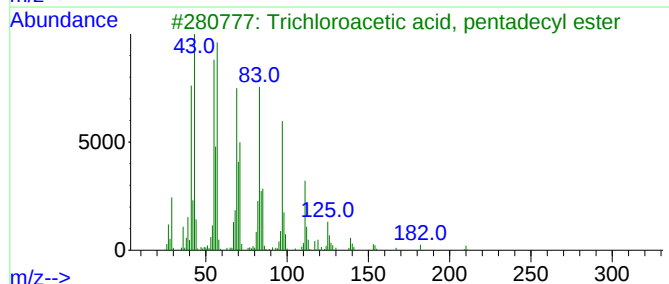
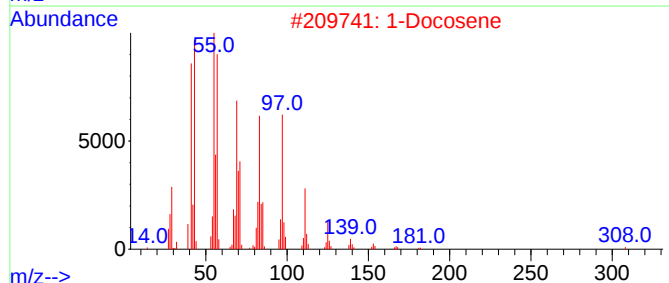
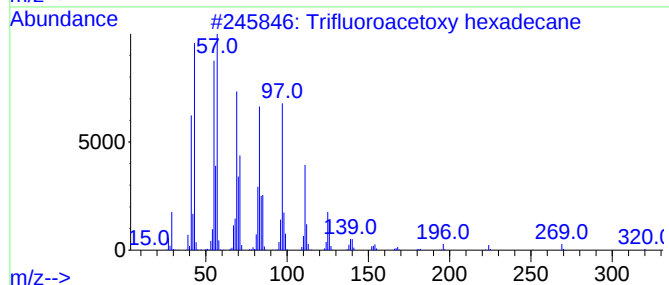
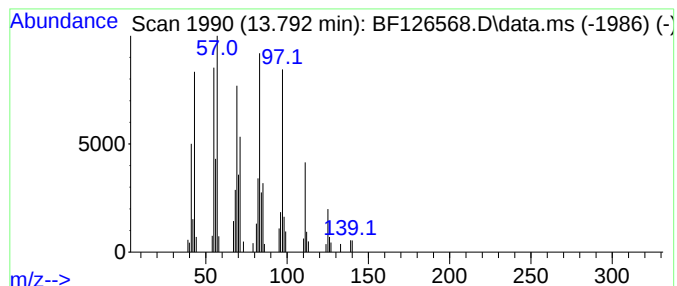
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.792 | 7.30 ng | 141576 | Chrysene-d12     | 13.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3 | 94   |
| 2    |    |   | 1-Docosene                          | 308 | C22H44      | 001599-67-3 | 81   |
| 3    |    |   | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 81   |
| 4    |    |   | n-Heptadecanol-1                    | 256 | C17H36O     | 001454-85-9 | 74   |
| 5    |    |   | 1-Eicosanol                         | 298 | C20H42O     | 000629-96-9 | 72   |



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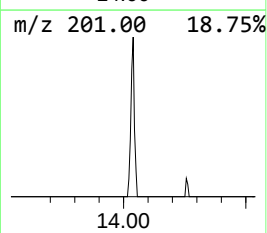
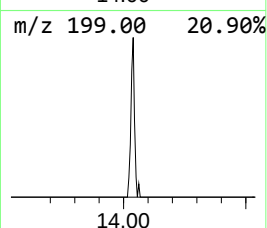
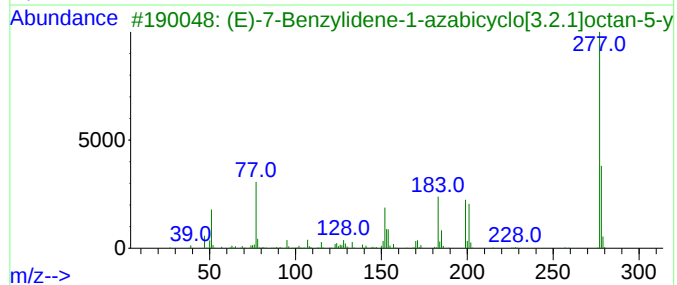
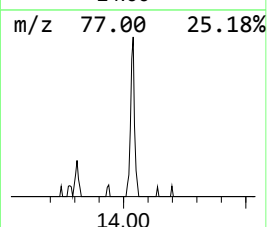
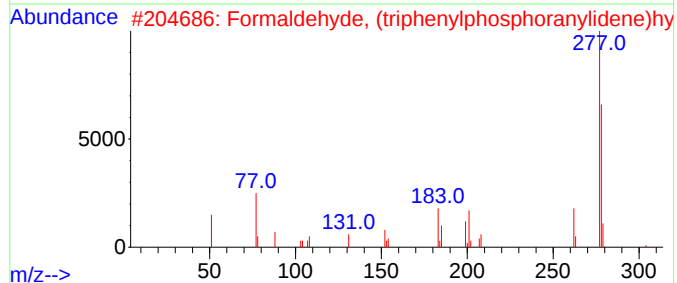
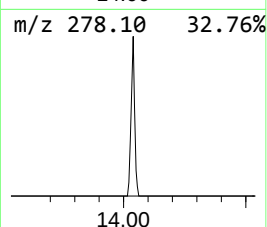
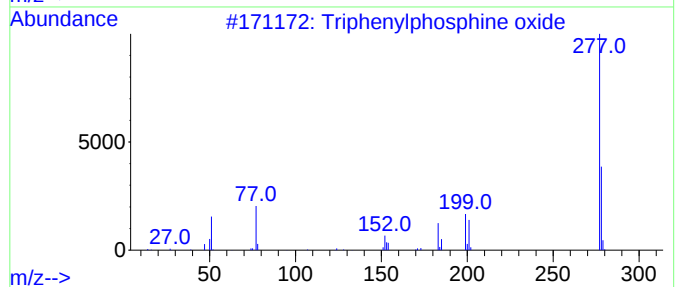
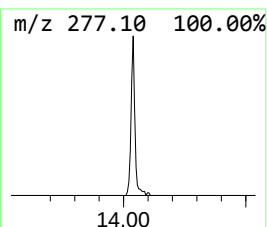
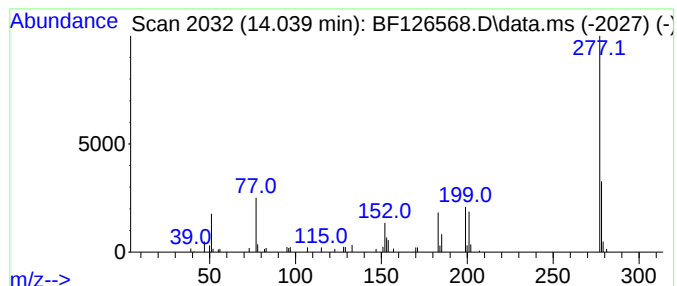
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\*\*\*\*\*  
Peak Number 4 Triphenylphosphine oxide Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.039 | 3.70 ng | 71774 | Chrysene-d12     | 13.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide            | 278 | C18H15OP    | 000791-28-6  | 94   |
| 2    |    |   | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P   | 015990-54-2  | 59   |
| 3    |    |   | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19N03S  | 1000483-83-4 | 58   |
| 4    |    |   | Cobalt,(.eta.<5>-2,4-cyclopentad... | 277 | C16H15BCo   | 036682-12-9  | 23   |
| 5    |    |   | 1H-Indole-3-acetic acid, 5-[(tri... | 277 | C14H19N03Si | 072101-35-0  | 23   |



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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 |
| Ethanol, 2-(2-b... | 7.957  | 9.6     | ng    | 343750   | 2                     | 8.051  | 718840 | 20.0 |
| Pentadecanoic a... | 11.692 | 2.1     | ng    | 66563    | 4                     | 11.292 | 641724 | 20.0 |
| Trifluoroacetox... | 13.792 | 7.3     | ng    | 141576   | 5                     | 13.939 | 387778 | 20.0 |
| Triphenylphosph... | 14.039 | 3.7     | ng    | 71774    | 5                     | 13.939 | 387778 | 20.0 |