

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120723\  
 Data File : BF136454.D  
 Acq On : 07 Dec 2023 19:01  
 Operator : CG\JU  
 Sample : 05599-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LKWD-BACKFILL-04

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-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136454.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         | 2.199       | 16            | 19          | 33           | rVB3     | 36494          | 58986         | 2.33%           | 0.375%        |
| 2         | 5.040       | 498           | 502         | 508          | rVB      | 56110          | 68315         | 2.70%           | 0.435%        |
| 3         | 5.446       | 566           | 571         | 574          | rBV      | 2455200        | 2160327       | 85.31%          | 13.740%       |
| 4         | 6.446       | 736           | 741         | 744          | rBV      | 2299143        | 2117774       | 83.63%          | 13.470%       |
| 5         | 6.798       | 798           | 801         | 805          | rVB      | 845937         | 634925        | 25.07%          | 4.038%        |
| 6         | 7.363       | 891           | 897         | 900          | rBV      | 1460126        | 1399051       | 55.25%          | 8.898%        |
| 7         | 7.616       | 936           | 940         | 943          | rBV2     | 32801          | 27663         | 1.09%           | 0.176%        |
| 8         | 8.075       | 1014          | 1018        | 1022         | rBV      | 996257         | 798658        | 31.54%          | 5.080%        |
| 9         | 8.392       | 1070          | 1072        | 1078         | rBV2     | 18746          | 30355         | 1.20%           | 0.193%        |
| 10        | 9.157       | 1197          | 1202        | 1205         | rBV      | 2841543        | 2532344       | 100.00%         | 16.107%       |
| 11        | 9.834       | 1313          | 1317        | 1320         | rBV      | 880778         | 712640        | 28.14%          | 4.533%        |
| 12        | 10.622      | 1447          | 1451        | 1460         | rBV      | 1156157        | 1056275       | 41.71%          | 6.718%        |
| 13        | 11.322      | 1567          | 1570        | 1574         | rBV      | 711019         | 573446        | 22.64%          | 3.647%        |
| 14        | 11.598      | 1610          | 1617        | 1619         | rBV2     | 28928          | 28795         | 1.14%           | 0.183%        |
| 15        | 11.857      | 1658          | 1661        | 1666         | rBV      | 104033         | 110753        | 4.37%           | 0.704%        |
| 16        | 12.651      | 1792          | 1796        | 1803         | rBV5     | 19894          | 33804         | 1.33%           | 0.215%        |
| 17        | 12.922      | 1837          | 1842        | 1845         | rBV      | 2297210        | 1990146       | 78.59%          | 12.658%       |
| 18        | 13.821      | 1990          | 1995        | 1998         | rBV6     | 20937          | 42173         | 1.67%           | 0.268%        |
| 19        | 13.863      | 1998          | 2002        | 2011         | rVV3     | 51095          | 122638        | 4.84%           | 0.780%        |
| 20        | 13.974      | 2017          | 2021        | 2028         | rBV      | 674294         | 618436        | 24.42%          | 3.933%        |
| 21        | 14.074      | 2035          | 2038        | 2044         | rVB      | 61601          | 63934         | 2.52%           | 0.407%        |
| 22        | 14.457      | 2099          | 2103        | 2105         | rBV3     | 40639          | 46984         | 1.86%           | 0.299%        |
| 23        | 15.457      | 2269          | 2273        | 2279         | rVB      | 390666         | 494037        | 19.51%          | 3.142%        |

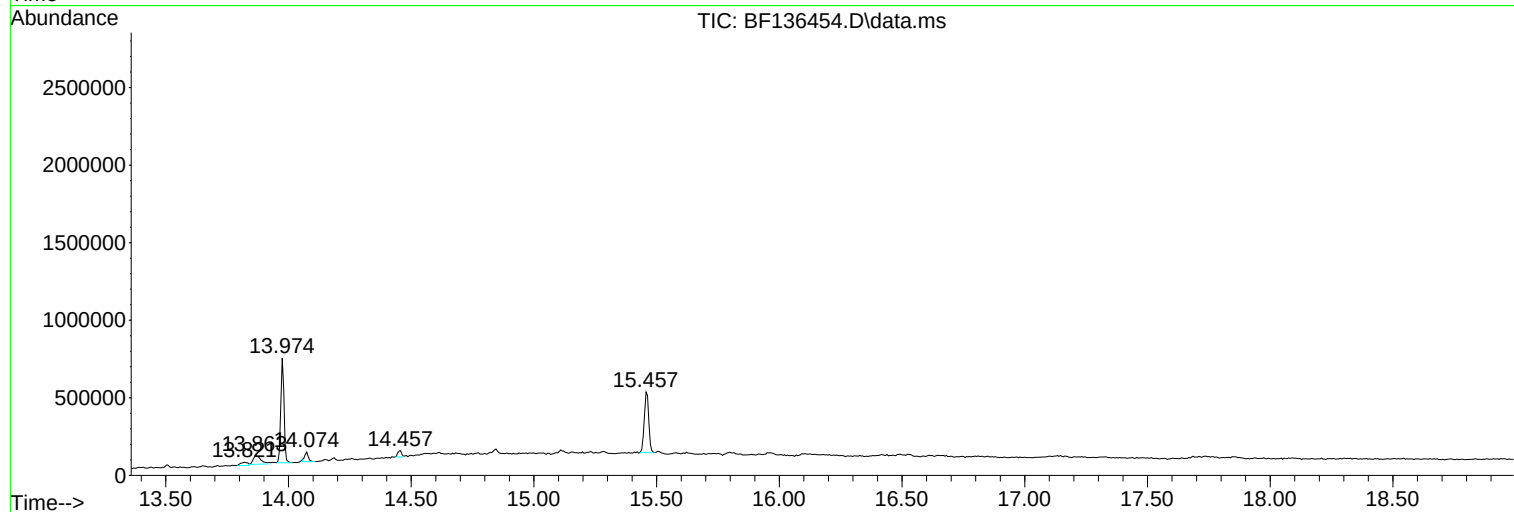
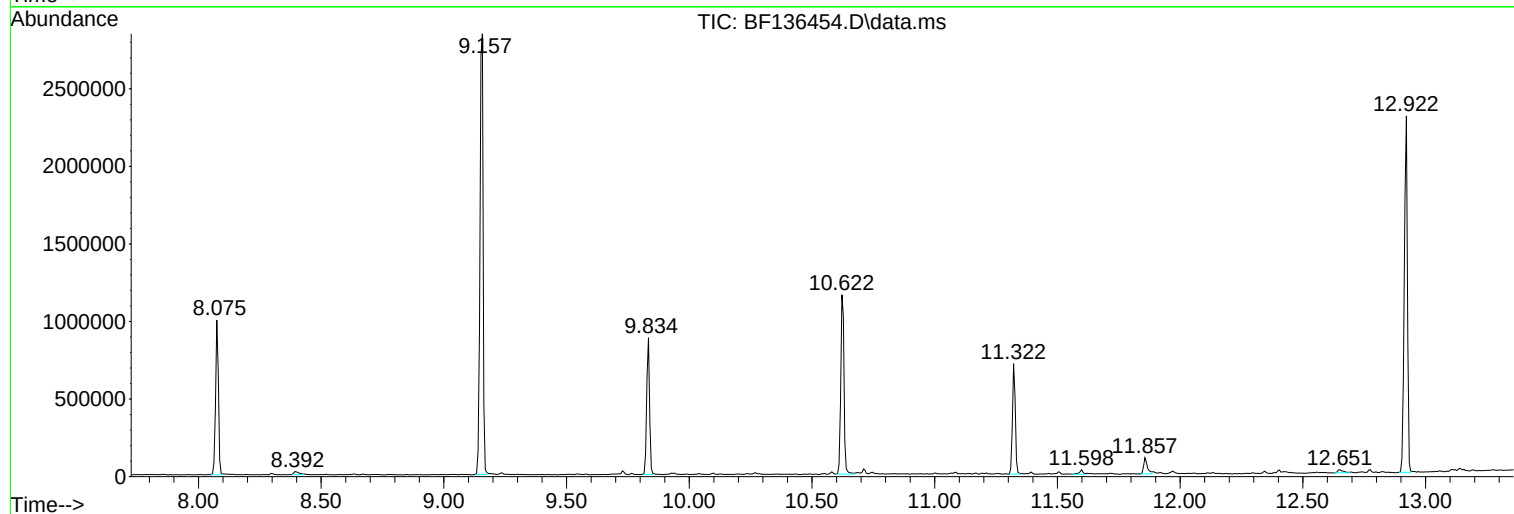
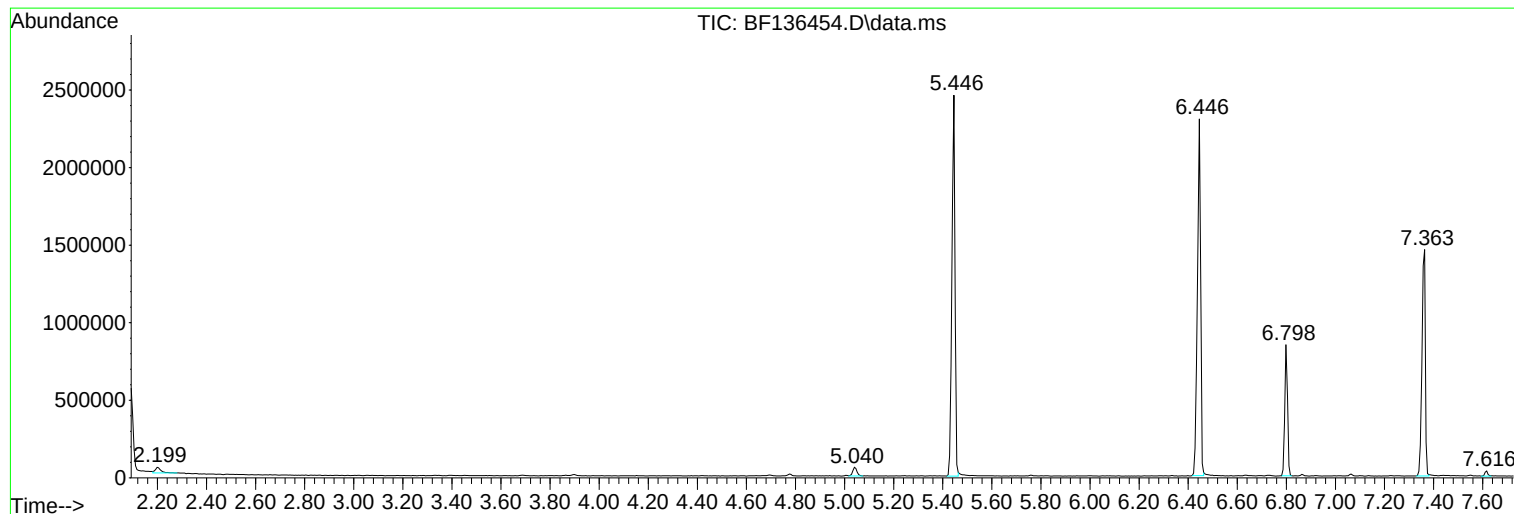
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.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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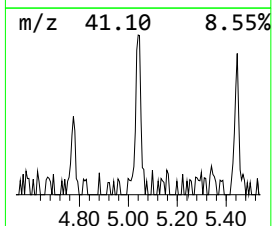
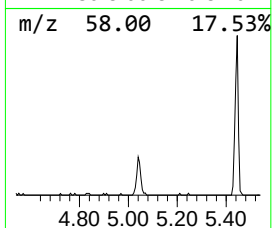
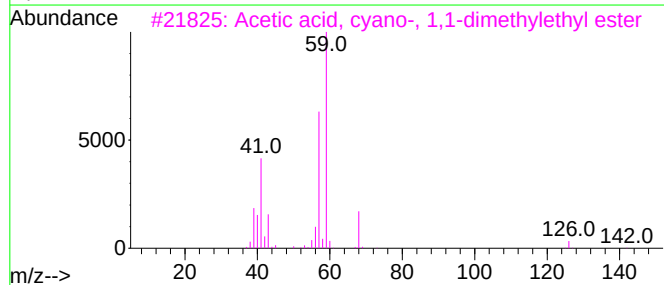
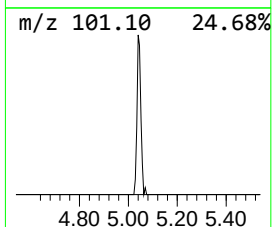
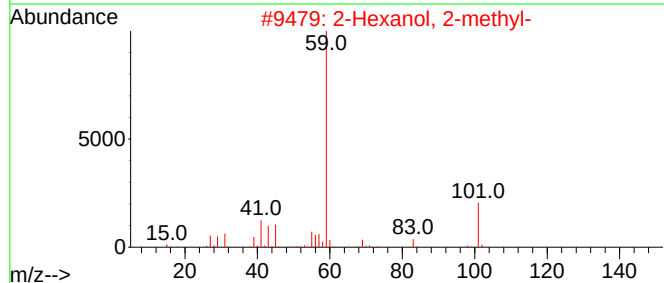
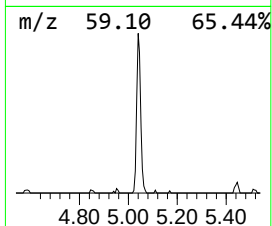
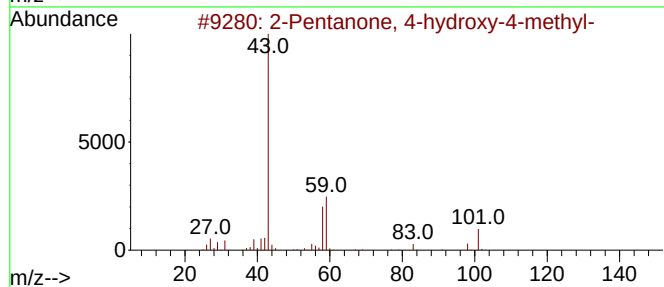
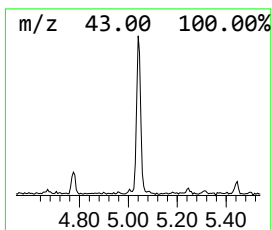
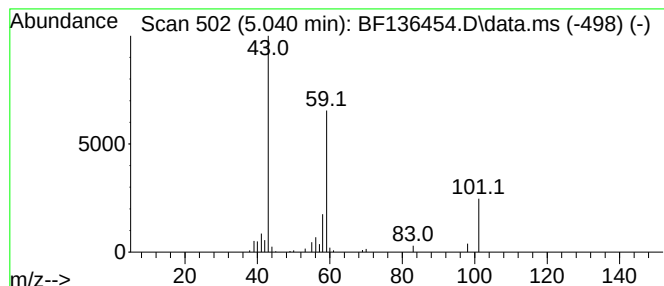
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.040 | 2.15 ng | 68315 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# | of 5                                | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|----------|-------------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116          | C6H12O2  | 000123-42-2 | 56   |      |
| 2    | 2-Hexanol, 2-methyl-                | 116          | C7H16O   | 000625-23-0 | 33   |      |
| 3    | Acetic acid, cyano-, 1,1-dimethy... | 141          | C7H11NO2 | 001116-98-9 | 17   |      |
| 4    | Acetone                             | 58           | C3H6O    | 000067-64-1 | 9    |      |
| 5    | 5-Hexen-2-one                       | 98           | C6H10O   | 000109-49-9 | 9    |      |



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LKWD-BACKFILL-04

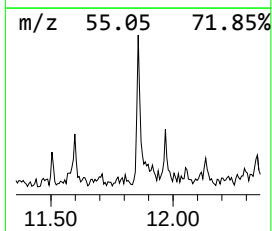
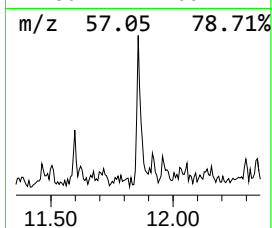
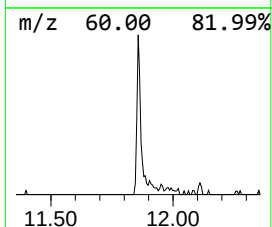
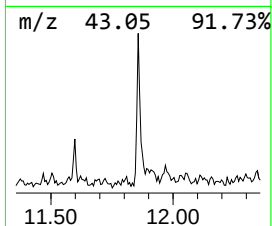
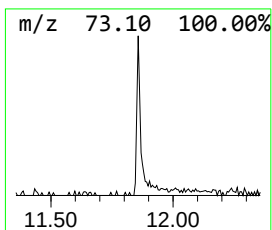
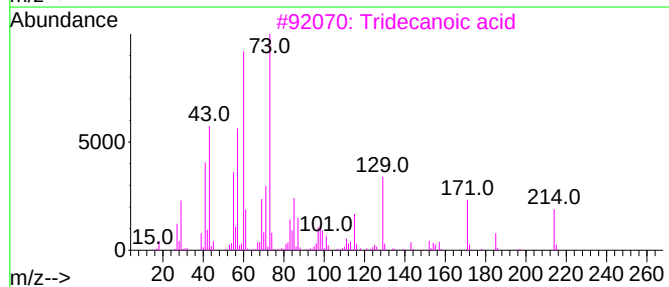
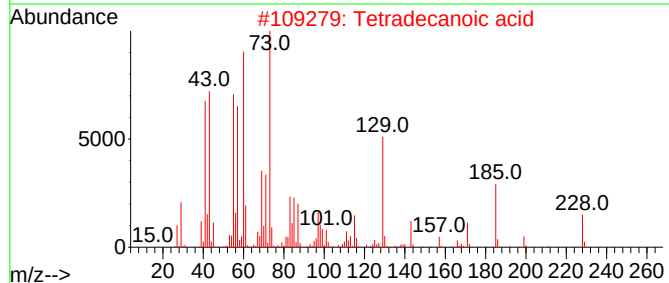
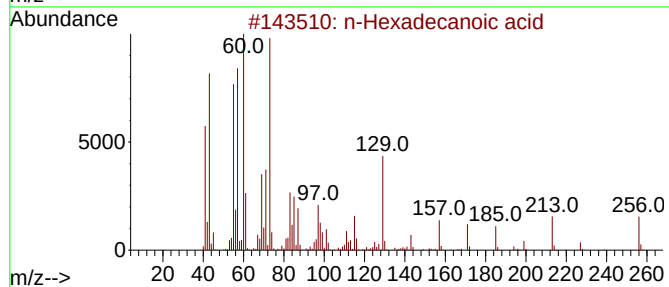
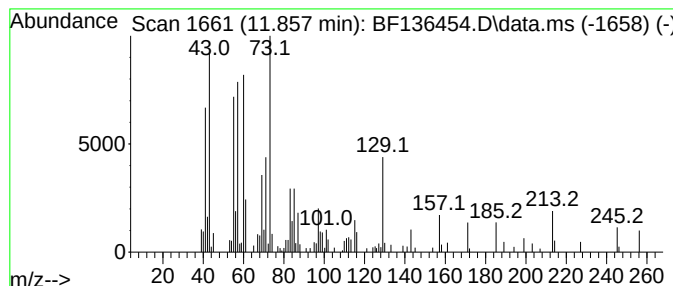
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.857 | 3.86 ng | 110753 | Phenanthrene-d10 | 11.322 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 76   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 74   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 72   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 70   |



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Sample : 05599-07  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LKWD-BACKFILL-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

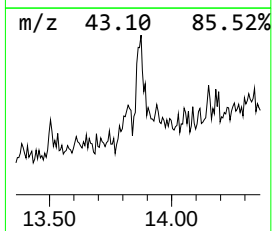
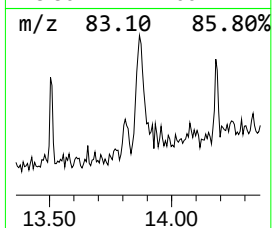
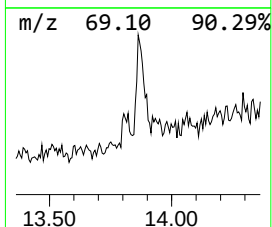
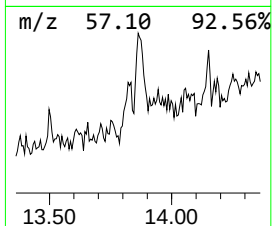
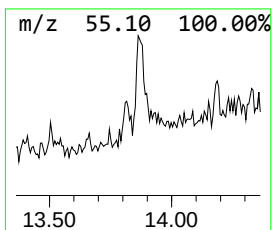
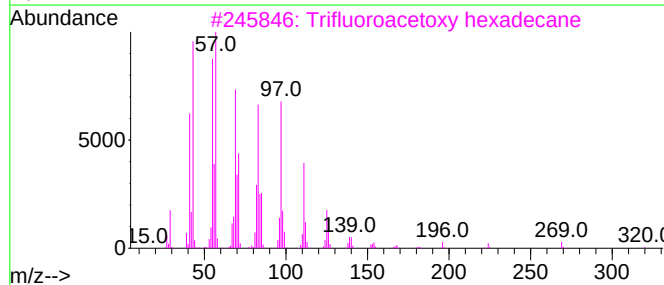
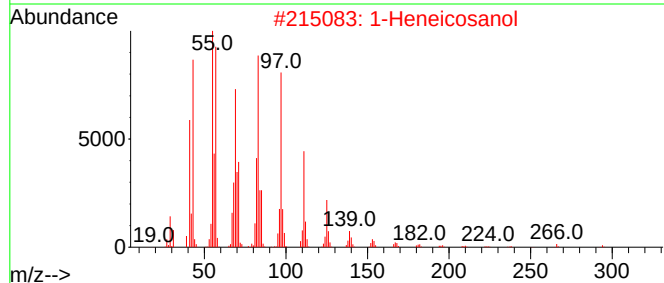
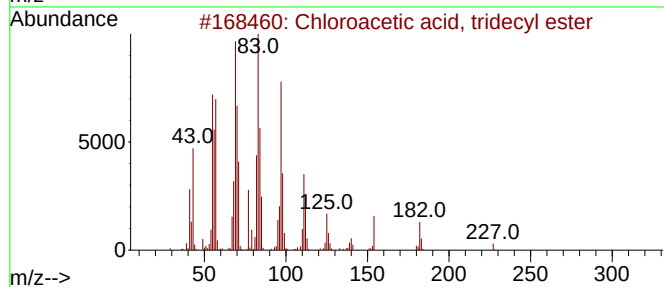
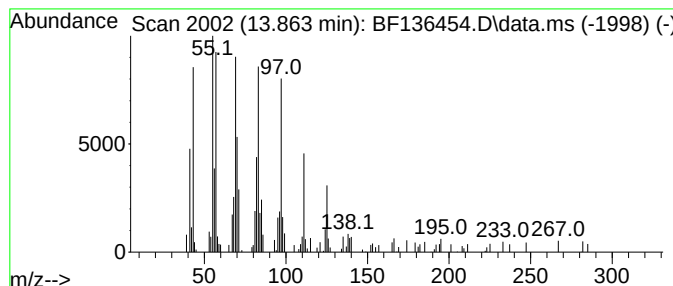
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Chloroacetic acid, tridecyl... Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.863 | 3.97 ng | 122638 | Chrysene-d12     | 13.974 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|------------|--------------|------|
| 1    |    |   | Chloroacetic acid, tridecyl ester | 276 | C15H29ClO2 | 018277-85-5  | 87   |
| 2    |    |   | 1-Heneicosanol                    | 312 | C21H44O    | 015594-90-8  | 86   |
| 3    |    |   | Trifluoroacetoxy hexadecane       | 338 | C18H33F3O2 | 006222-03-3  | 80   |
| 4    |    |   | n-Nonadecanol-1                   | 284 | C19H40O    | 001454-84-8  | 64   |
| 5    |    |   | Methyl tetratriacontyl ether      | 509 | C35H72O    | 1000406-30-1 | 58   |



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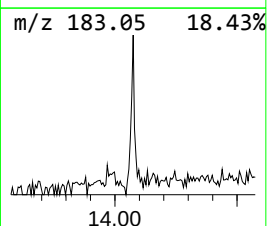
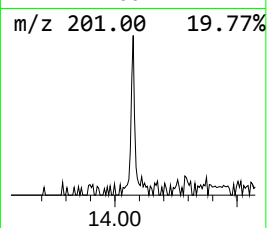
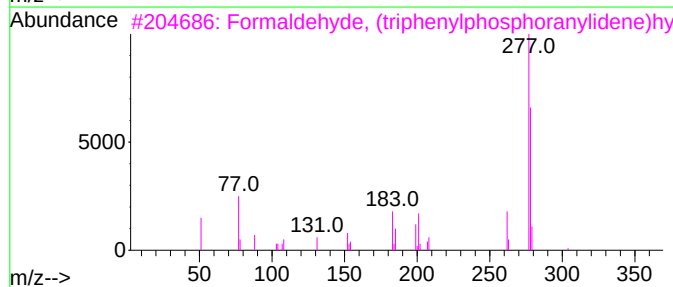
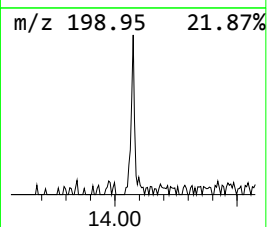
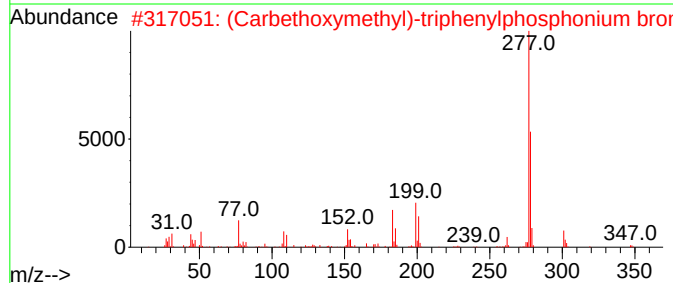
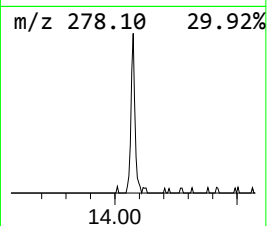
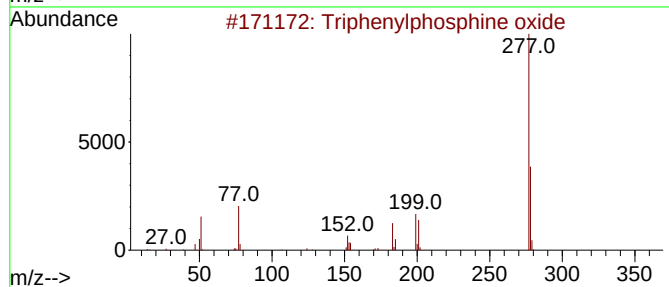
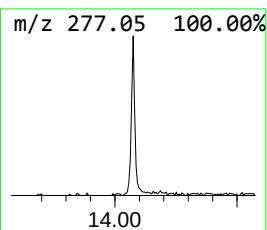
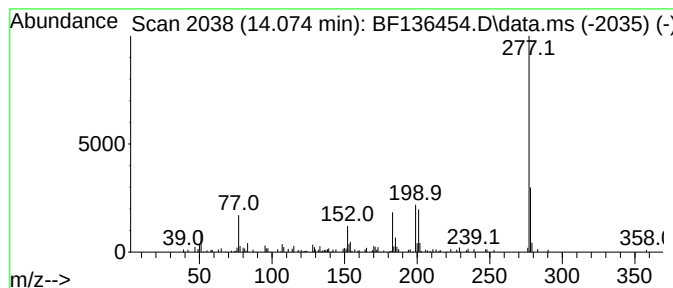
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Triphenylphosphine oxide Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.074 | 2.07 ng | 63934 | Chrysene-d12     | 13.974 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide            | 278 | C18H15OP    | 000791-28-6  | 96   |
| 2    |    |   | (Carbethoxymethyl)-triphenylphos... | 428 | C22H22BrO2P | 001530-45-6  | 50   |
| 3    |    |   | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P   | 015990-54-2  | 45   |
| 4    |    |   | Vanadium, cycloheptatrienyl-(pen... | 277 | C17H22V     | 1000155-20-5 | 43   |
| 5    |    |   | 2-Indolinone, 2TMS derivative       | 277 | C14H23NOSi2 | 010416-65-6  | 43   |



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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-... | 5.040  | 2.1     | ng    | 68315    | 1                     | 6.798  | 634925 | 20.0 |
| n-Hexadecanoic ... | 11.857 | 3.9     | ng    | 110753   | 4                     | 11.322 | 573446 | 20.0 |
| Chloroacetic ac... | 13.863 | 4.0     | ng    | 122638   | 5                     | 13.974 | 618436 | 20.0 |
| Triphenylphosph... | 14.074 | 2.1     | ng    | 63934    | 5                     | 13.974 | 618436 | 20.0 |