

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030923\  
 Data File : BF132724.D  
 Acq On : 09 Mar 2023 18:29  
 Operator : CG\JU  
 Sample : 01833-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 46

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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132724.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         | 5.210       | 441           | 446         | 458          | rVB      | 1779248        | 2236799       | 45.19%          | 6.132%        |
| 2         | 5.610       | 510           | 514         | 517          | rBV      | 4585965        | 4353734       | 87.96%          | 11.935%       |
| 3         | 6.610       | 679           | 684         | 687          | rVB      | 4305113        | 4402341       | 88.94%          | 12.068%       |
| 4         | 6.981       | 743           | 747         | 750          | rBV      | 1209330        | 1090249       | 22.03%          | 2.989%        |
| 5         | 7.545       | 838           | 843         | 846          | rBV      | 3339728        | 2911025       | 58.81%          | 7.980%        |
| 6         | 8.263       | 961           | 965         | 968          | rBV      | 1803813        | 1393073       | 28.14%          | 3.819%        |
| 7         | 9.339       | 1144          | 1148        | 1151         | rBV      | 5890838        | 4949857       | 100.00%         | 13.569%       |
| 8         | 10.022      | 1261          | 1264        | 1268         | rVB      | 1839416        | 1567966       | 31.68%          | 4.298%        |
| 9         | 10.739      | 1382          | 1386        | 1389         | rBV      | 866079         | 721903        | 14.58%          | 1.979%        |
| 10        | 10.822      | 1395          | 1400        | 1403         | rBV      | 3330013        | 3156201       | 63.76%          | 8.652%        |
| 11        | 11.045      | 1435          | 1438        | 1443         | rBV      | 88135          | 78027         | 1.58%           | 0.214%        |
| 12        | 11.521      | 1515          | 1519        | 1522         | rBV      | 1520134        | 1409182       | 28.47%          | 3.863%        |
| 13        | 12.027      | 1602          | 1605        | 1610         | rBV      | 94798          | 115455        | 2.33%           | 0.316%        |
| 14        | 13.110      | 1785          | 1789        | 1792         | rBV      | 4879707        | 4458663       | 90.08%          | 12.222%       |
| 15        | 13.321      | 1818          | 1825        | 1832         | rBV      | 36048          | 63321         | 1.28%           | 0.174%        |
| 16        | 13.580      | 1864          | 1869        | 1874         | rBV      | 350490         | 339558        | 6.86%           | 0.931%        |
| 17        | 13.998      | 1937          | 1940        | 1952         | rBV      | 209000         | 403475        | 8.15%           | 1.106%        |
| 18        | 14.180      | 1967          | 1971        | 1974         | rBV      | 1221056        | 1143798       | 23.11%          | 3.135%        |
| 19        | 14.262      | 1981          | 1985        | 1992         | rBV      | 512624         | 525849        | 10.62%          | 1.441%        |
| 20        | 15.721      | 2228          | 2233        | 2241         | rVB      | 906861         | 1158838       | 23.41%          | 3.177%        |

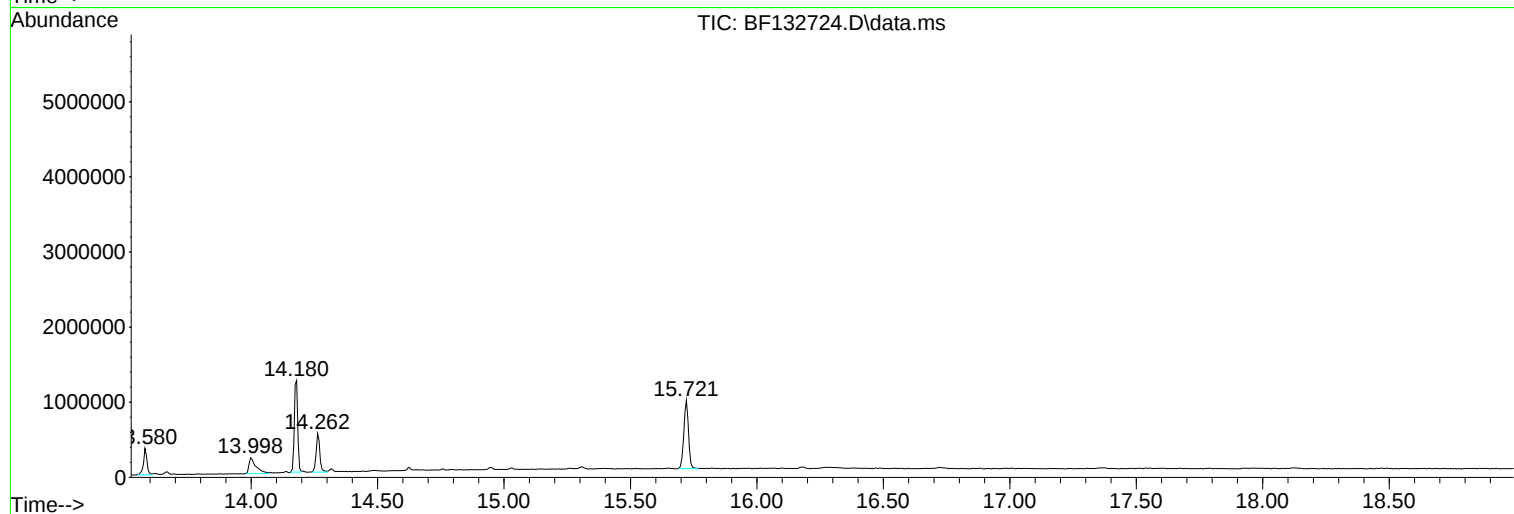
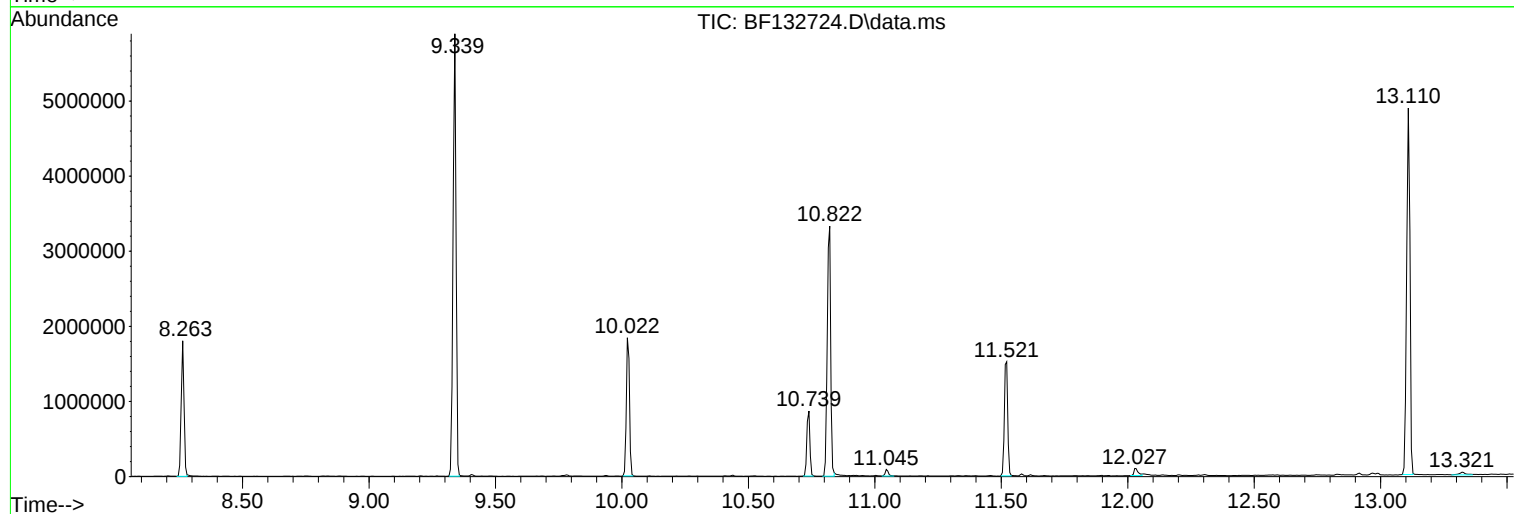
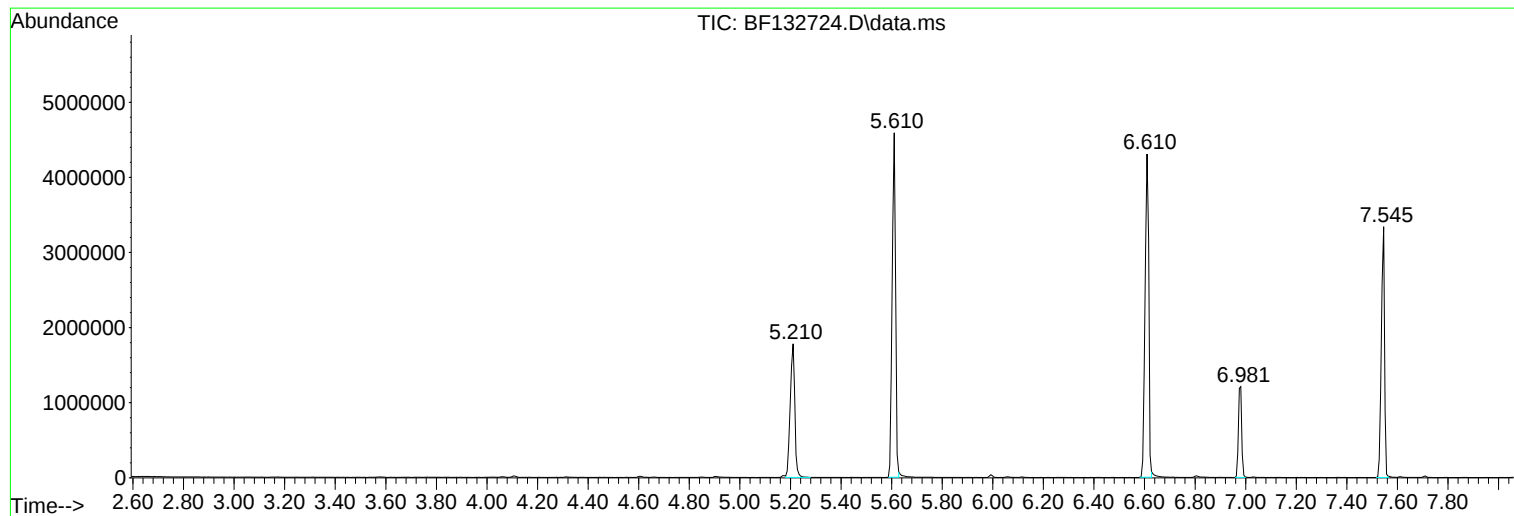
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ALS Vial : 16 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.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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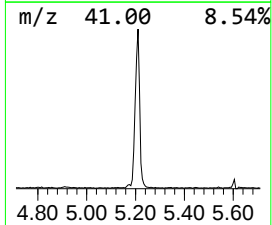
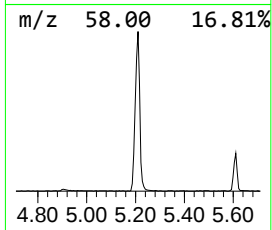
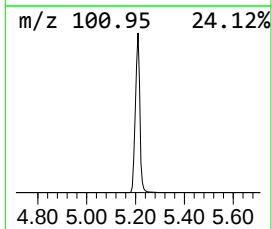
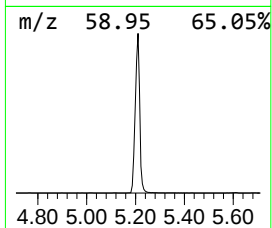
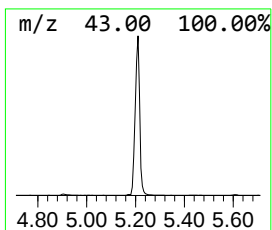
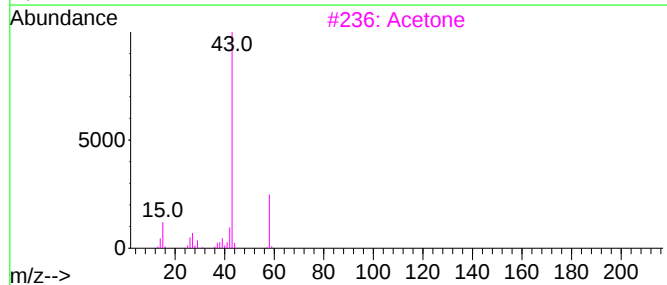
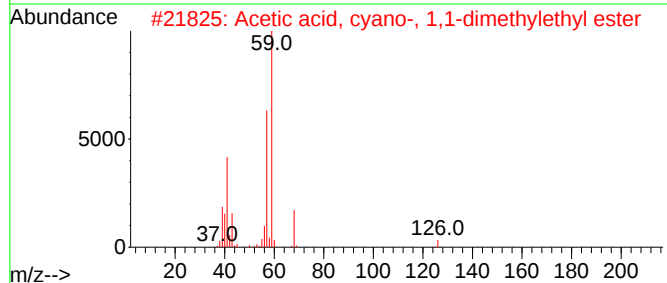
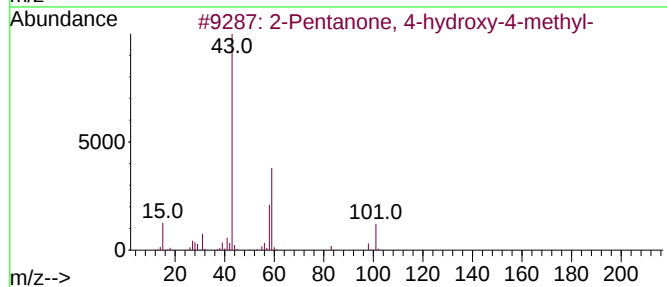
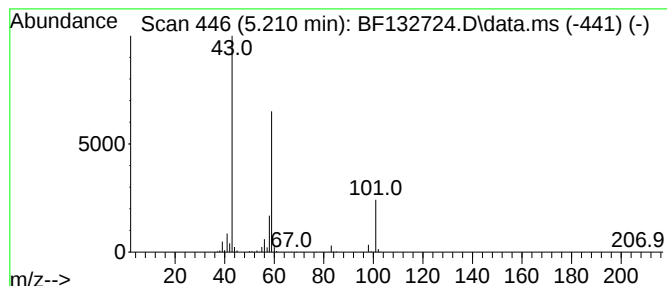
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.  |
|-------|----------|---------|------------------------|-------|
| 5.210 | 41.03 ng | 2236800 | 1,4-Dichlorobenzene-d4 | 6.981 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 72   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 3    |    |   | Acetone                             | 58  | C3H6O    | 000067-64-1 | 9    |
| 4    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2  | 016504-58-8 | 9    |
| 5    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 9    |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

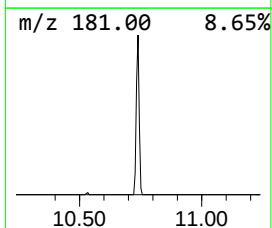
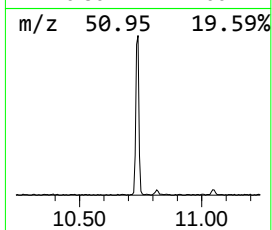
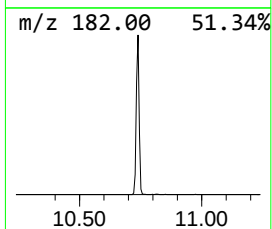
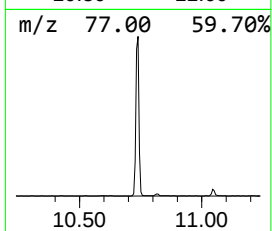
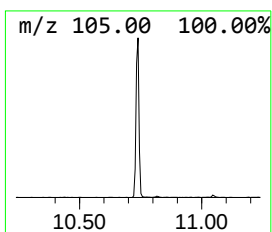
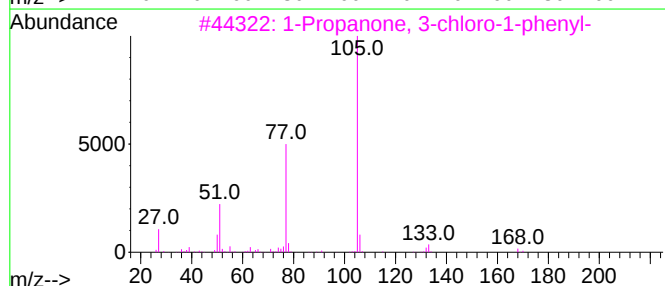
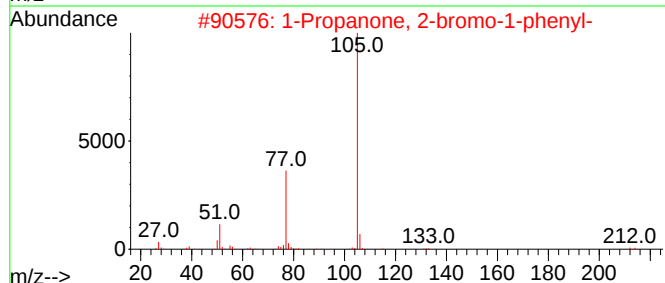
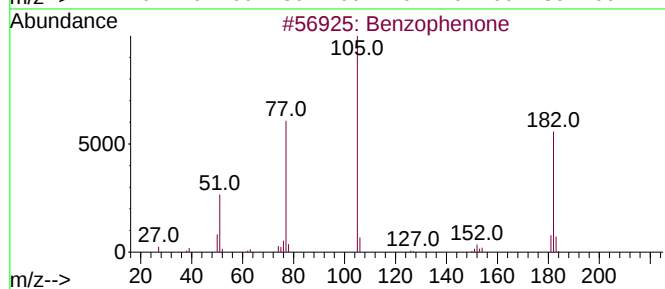
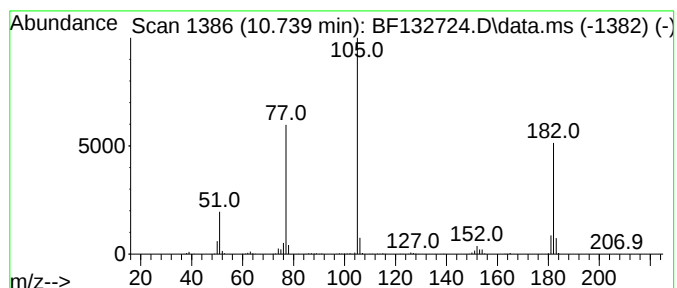
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.739 | 9.21 ng | 721903 | Acenaphthene-d10 | 10.022 |

| 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 | 47   |
| 3    |    |   | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO | 000936-59-4 | 47   |
| 4    |    |   | 1,2-Propanedione, 1-phenyl-     | 148 | C9H8O2  | 000579-07-7 | 47   |
| 5    |    |   | S-Benzoyl(thiohydroxylamine)    | 153 | C7H7NO  | 025740-80-1 | 47   |



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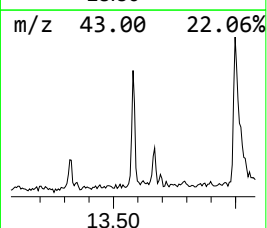
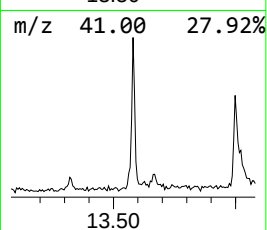
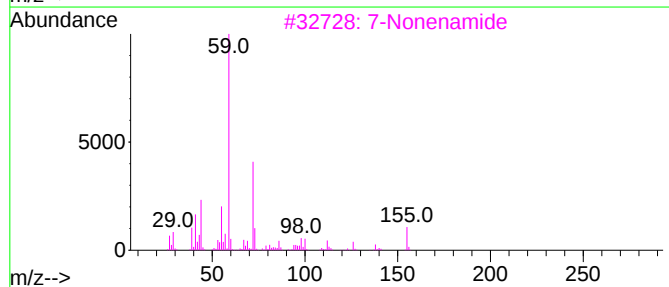
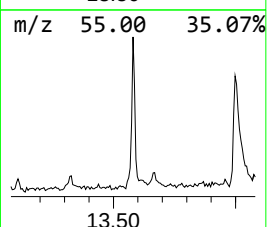
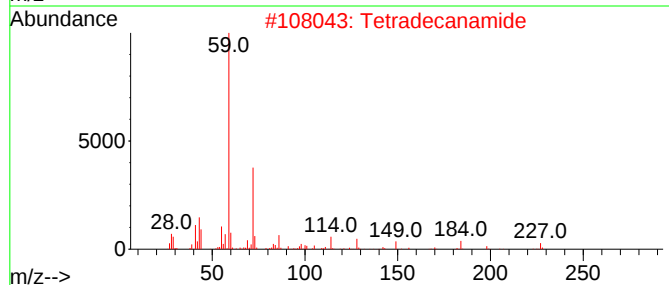
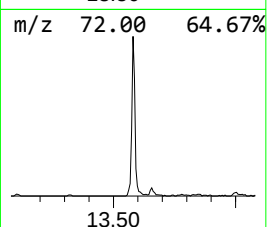
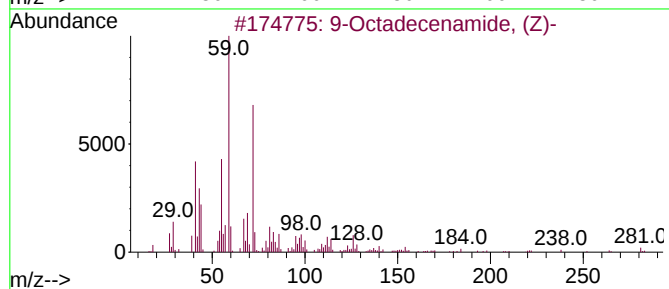
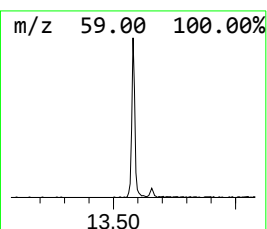
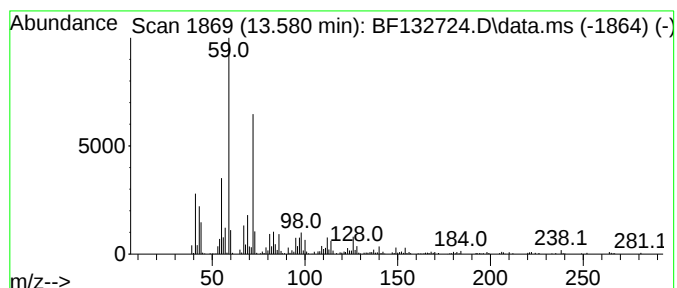
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 5

| R.T.      | EstConc                | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------------|--------|------------------|-------------|------|
| 13.580    | 5.94 ng                | 339558 | Chrysene-d12     | 14.180      |      |
| Hit# of 5 | Tentative ID           | MW     | MolForm          | CAS#        | Qual |
| 1         | 9-Octadecenamide, (Z)- | 281    | C18H35NO         | 000301-02-0 | 97   |
| 2         | Tetradecanamide        | 227    | C14H29NO         | 000638-58-4 | 72   |
| 3         | 7-Nonenamide           | 155    | C9H17NO          | 090949-53-4 | 72   |
| 4         | Hexadecanamide         | 255    | C16H33NO         | 000629-54-9 | 64   |
| 5         | Octadecanamide         | 283    | C18H37NO         | 000124-26-5 | 59   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

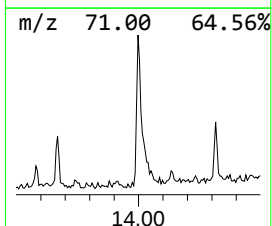
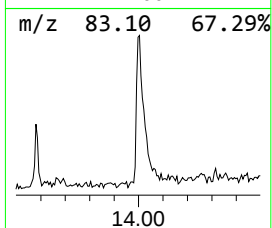
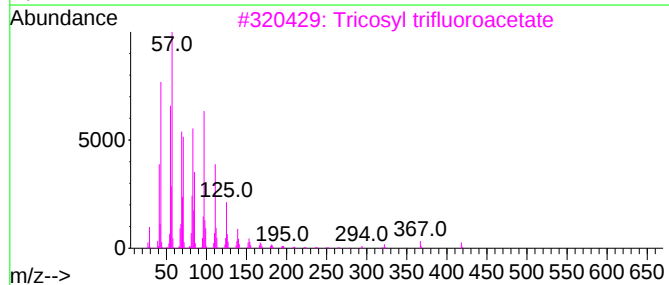
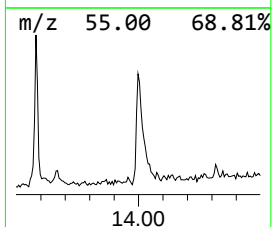
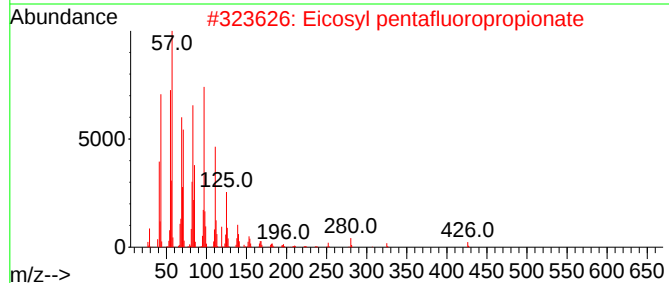
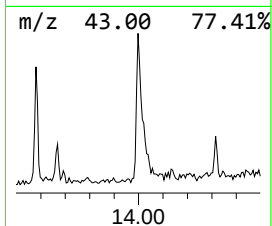
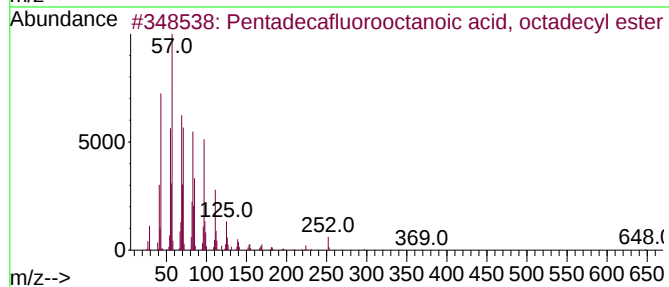
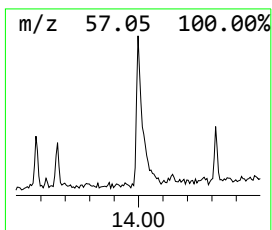
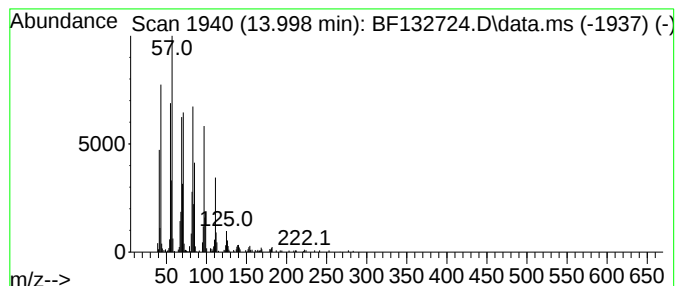
TIC Library : C:\Database\NIST20.L  
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Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.998 | 7.05 ng | 403475 | Chrysene-d12     | 14.180 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 91   |
| 2    |    |   | Eicosyl pentafluoropropionate       | 444 | C23H41F5O2  | 1000351-80-8 | 91   |
| 3    |    |   | Tricosyl trifluoroacetate           | 436 | C25H47F3O2  | 1000351-75-1 | 91   |
| 4    |    |   | Nonadecyl pentafluoropropionate     | 430 | C22H39F5O2  | 1000351-88-8 | 91   |
| 5    |    |   | 1-Hexadecanesulfonyl chloride       | 324 | C16H33ClO2S | 038775-38-1  | 87   |



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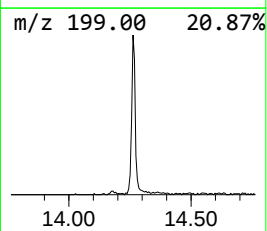
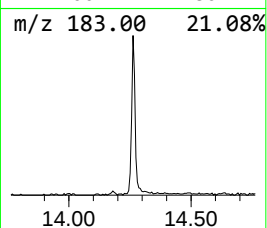
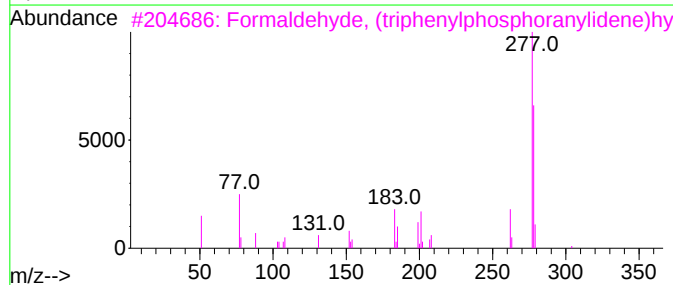
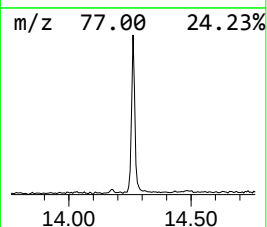
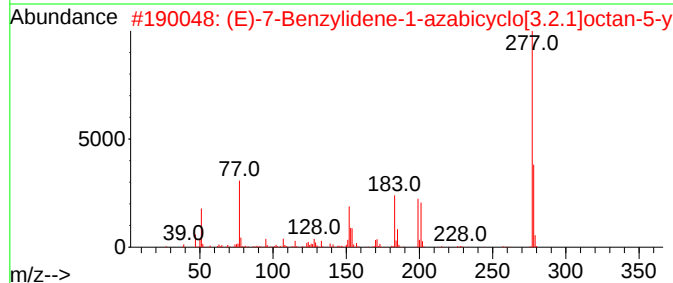
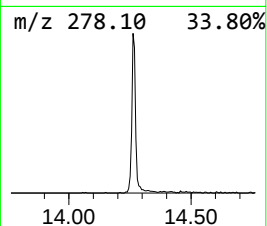
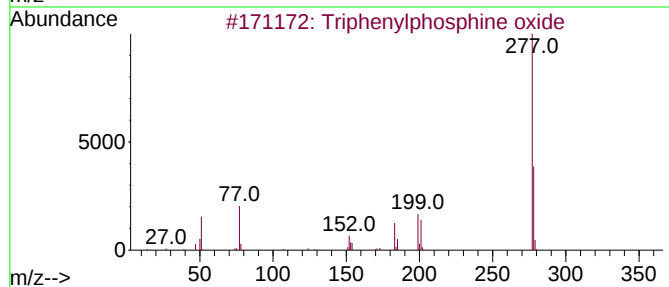
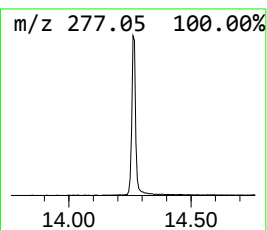
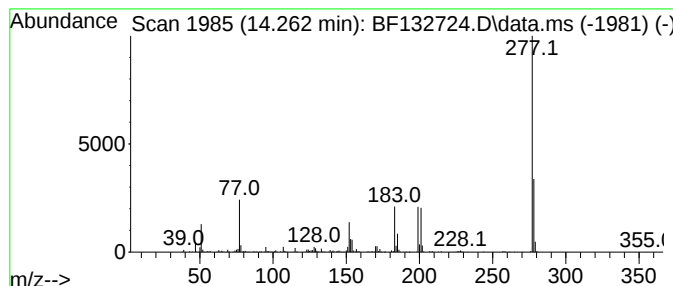
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Triphenylphosphine oxide Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.262 | 9.19 ng | 525849 | Chrysene-d12     | 14.180 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP   | 000791-28-6  | 97   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19N03S | 1000483-83-4 | 91   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...  | 304 | C19H17N2P  | 015990-54-2  | 64   |
| 4    |    |   | Cobalt,(.eta.<5>-2,4-cyclopentad...  | 277 | C16H15BCo  | 036682-12-9  | 25   |
| 5    |    |   | Carbazol-1-one, 1,2,3,4-tetrahyd...  | 277 | C18H15N02  | 299962-12-2  | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030923\  
Data File : BF132724.D  
Acq On : 09 Mar 2023 18:29  
Operator : CG\JU  
Sample : 01833-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
46

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.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-... | 5.210  | 41.0    | ng    | 2236800  | 1                     | 6.981  | 1090250 | 20.0 |
| Benzophenone       | 10.739 | 9.2     | ng    | 721903   | 3                     | 10.022 | 1567970 | 20.0 |
| 9-Octadecenamid... | 13.580 | 5.9     | ng    | 339558   | 5                     | 14.180 | 1143800 | 20.0 |
| Pentadecafluoro... | 13.998 | 7.0     | ng    | 403475   | 5                     | 14.180 | 1143800 | 20.0 |
| Triphenylphosph... | 14.262 | 9.2     | ng    | 525849   | 5                     | 14.180 | 1143800 | 20.0 |