

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061623\  
 Data File : BF133816.D  
 Acq On : 16 Jun 2023 20:15  
 Operator : CG\JU  
 Sample : 03282-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-NEX-002

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-BF060923.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133816.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         | 2.134       | 3             | 8           | 16           | rVB      | 346923         | 468086        | 42.89%          | 4.953%        |
| 2         | 2.252       | 24            | 28          | 38           | rVB3     | 19468          | 35949         | 3.29%           | 0.380%        |
| 3         | 3.969       | 315           | 320         | 324          | rVB      | 15096          | 20698         | 1.90%           | 0.219%        |
| 4         | 5.093       | 507           | 511         | 520          | rVB      | 106970         | 117024        | 10.72%          | 1.238%        |
| 5         | 5.493       | 575           | 579         | 590          | rBV      | 1151711        | 1064553       | 97.55%          | 11.265%       |
| 6         | 6.493       | 745           | 749         | 752          | rBV      | 1245073        | 1091288       | 100.00%         | 11.548%       |
| 7         | 6.863       | 809           | 812         | 816          | rBV      | 726895         | 552194        | 50.60%          | 5.844%        |
| 8         | 7.422       | 903           | 907         | 910          | rBV      | 867955         | 666785        | 61.10%          | 7.056%        |
| 9         | 8.140       | 1026          | 1029        | 1033         | rBV      | 765239         | 670052        | 61.40%          | 7.091%        |
| 10        | 9.216       | 1208          | 1212        | 1215         | rBV      | 1062831        | 821032        | 75.24%          | 8.688%        |
| 11        | 9.328       | 1228          | 1231        | 1234         | rVB      | 14758          | 13604         | 1.25%           | 0.144%        |
| 12        | 9.898       | 1324          | 1328        | 1332         | rBV      | 843039         | 666021        | 61.03%          | 7.048%        |
| 13        | 10.610      | 1446          | 1449        | 1455         | rVB      | 79594          | 68453         | 6.27%           | 0.724%        |
| 14        | 10.687      | 1459          | 1462        | 1475         | rBV      | 585079         | 503619        | 46.15%          | 5.329%        |
| 15        | 10.922      | 1500          | 1502        | 1507         | rVB      | 18417          | 15455         | 1.42%           | 0.164%        |
| 16        | 11.392      | 1578          | 1582        | 1585         | rBV      | 743774         | 653441        | 59.88%          | 6.915%        |
| 17        | 11.916      | 1669          | 1671        | 1676         | rBV2     | 43826          | 51545         | 4.72%           | 0.545%        |
| 18        | 11.957      | 1676          | 1678        | 1682         | rVB      | 13586          | 12829         | 1.18%           | 0.136%        |
| 19        | 12.610      | 1786          | 1789        | 1793         | rBV      | 13415          | 13887         | 1.27%           | 0.147%        |
| 20        | 12.839      | 1825          | 1828        | 1830         | rVB      | 20219          | 16262         | 1.49%           | 0.172%        |
| 21        | 12.869      | 1830          | 1833        | 1838         | rVB4     | 17402          | 25379         | 2.33%           | 0.269%        |
| 22        | 12.986      | 1849          | 1853        | 1856         | rBV      | 802902         | 702128        | 64.34%          | 7.430%        |
| 23        | 13.892      | 2004          | 2007        | 2013         | rBV2     | 84069          | 116166        | 10.64%          | 1.229%        |
| 24        | 14.045      | 2030          | 2033        | 2037         | rVB      | 586431         | 573144        | 52.52%          | 6.065%        |
| 25        | 14.145      | 2047          | 2050        | 2053         | rVB      | 66366          | 63176         | 5.79%           | 0.669%        |
| 26        | 14.916      | 2179          | 2181        | 2186         | rVB      | 41171          | 52225         | 4.79%           | 0.553%        |
| 27        | 15.557      | 2286          | 2290        | 2294         | rVB      | 331547         | 394690        | 36.17%          | 4.177%        |

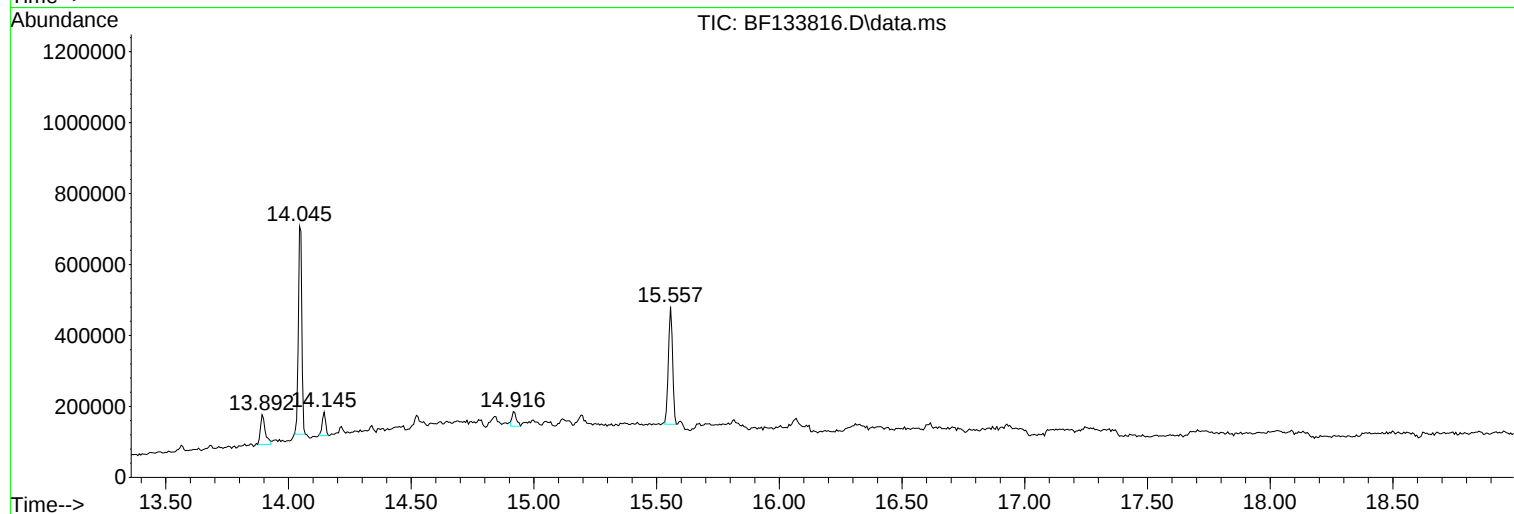
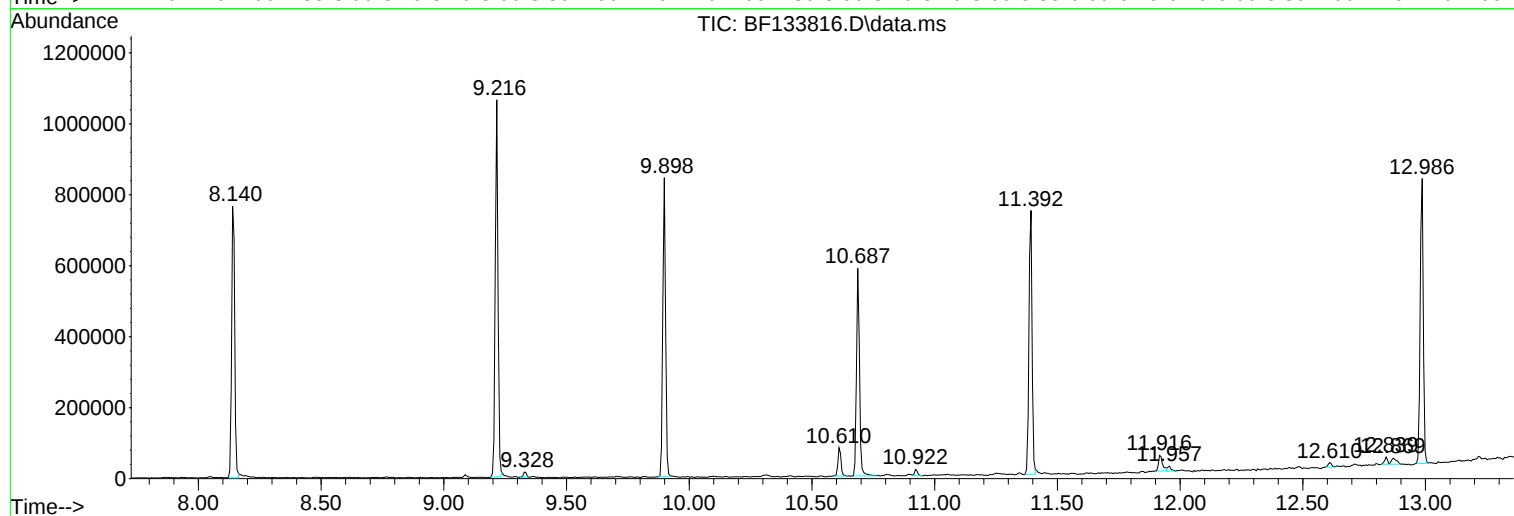
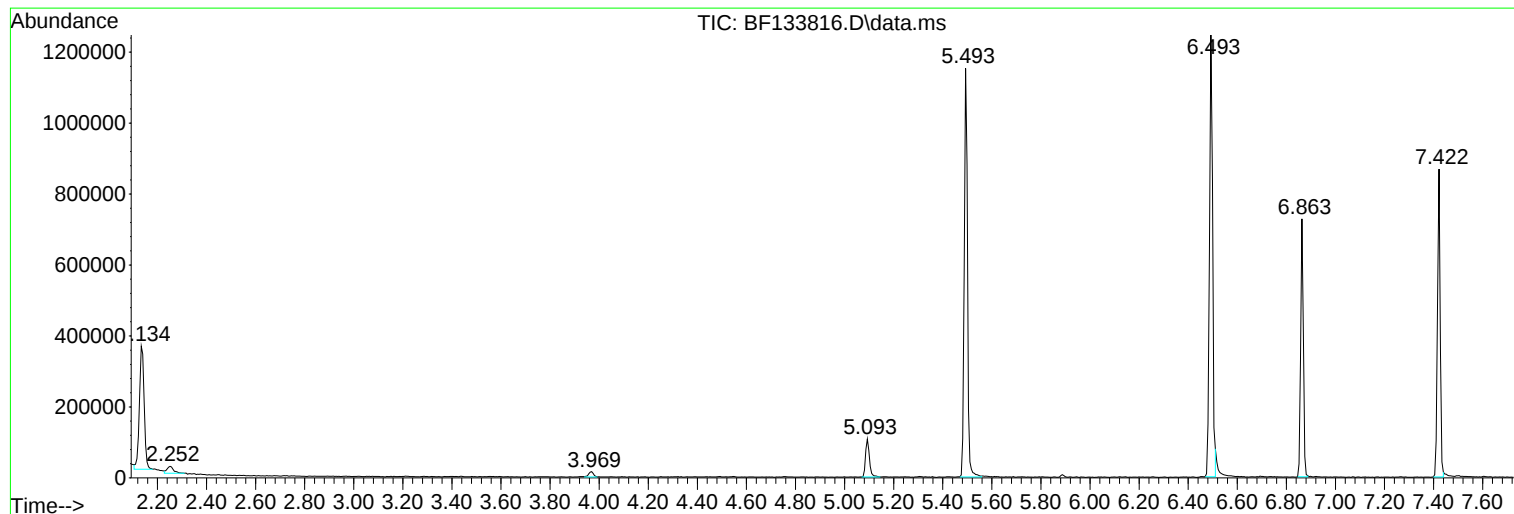
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ALS Vial : 14 Sample Multiplier: 1

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BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.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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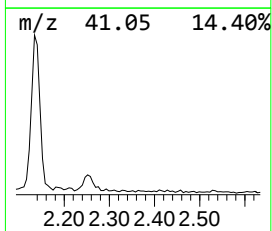
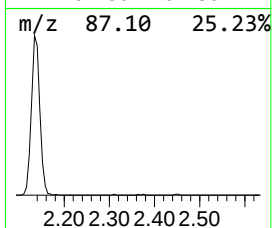
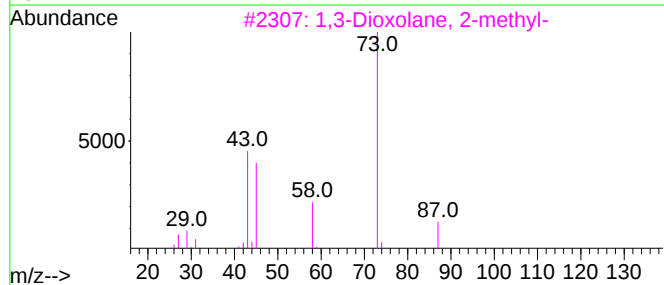
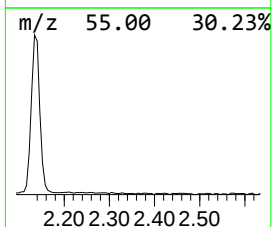
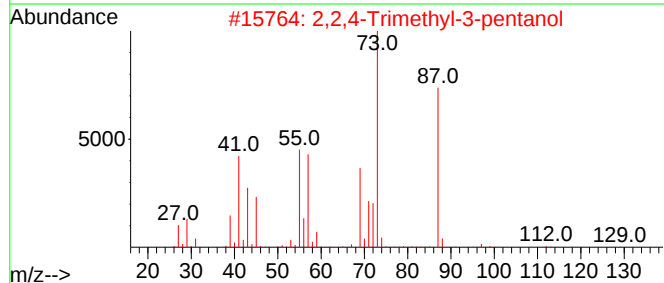
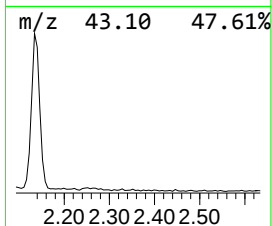
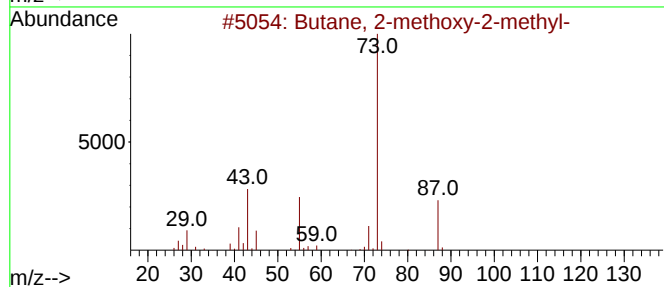
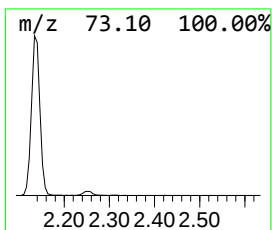
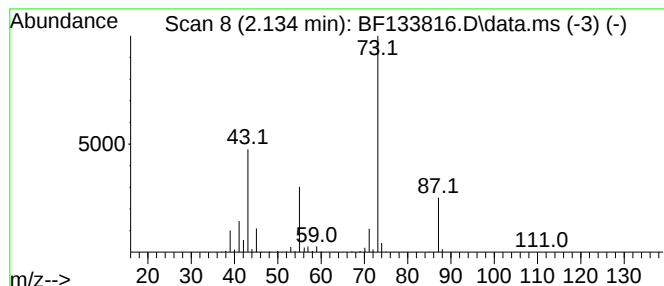
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 2.134 | 16.95 ng | 468086 | 1,4-Dichlorobenzene-d4 | 6.863 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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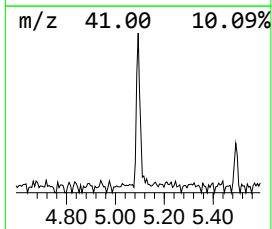
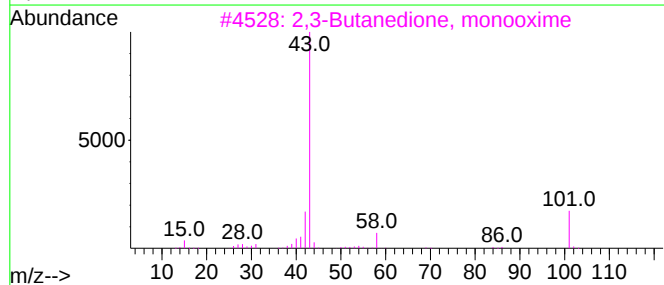
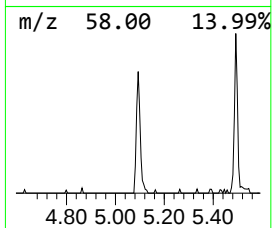
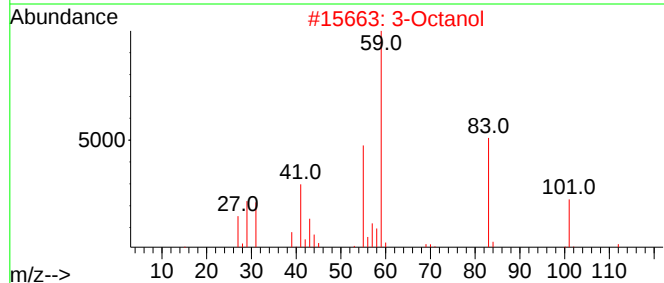
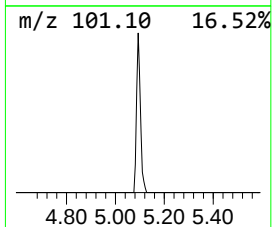
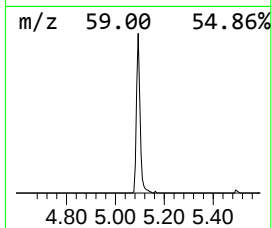
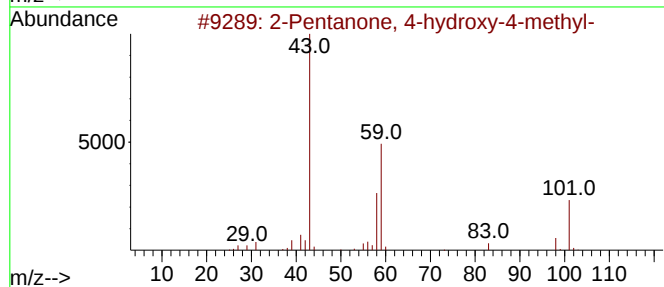
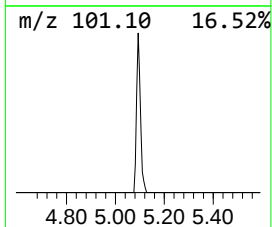
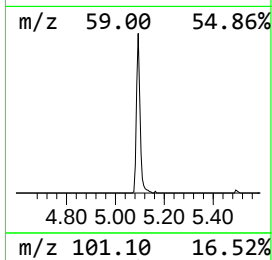
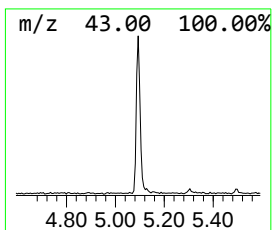
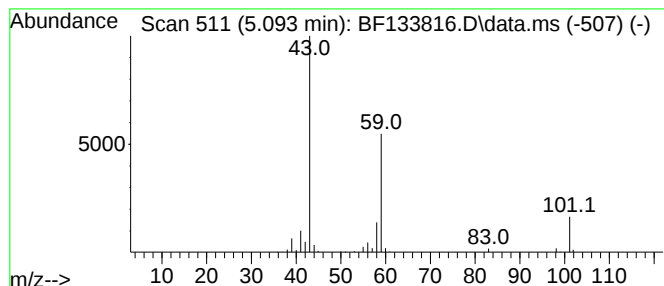
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.      | EstConc                             | Area   | Relative to ISTD       |          |             | R.T.  |
|-----------|-------------------------------------|--------|------------------------|----------|-------------|-------|
| 5.093     | 4.24 ng                             | 117024 | 1,4-Dichlorobenzene-d4 |          |             | 6.863 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm  | CAS#        | Qual  |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    |        | 116                    | C6H12O2  | 000123-42-2 | 56    |
| 2         | 3-Octanol                           |        | 130                    | C8H18O   | 000589-98-0 | 36    |
| 3         | 2,3-Butanedione, monooxime          |        | 101                    | C4H7NO2  | 000057-71-6 | 35    |
| 4         | Acetic acid, cyano-, 1,1-dimethy... |        | 141                    | C7H11NO2 | 001116-98-9 | 23    |
| 5         | Butyl aldoxime, 3-methyl-, syn-     |        | 101                    | C5H11NO  | 005780-40-5 | 23    |



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ALS Vial : 14 Sample Multiplier: 1

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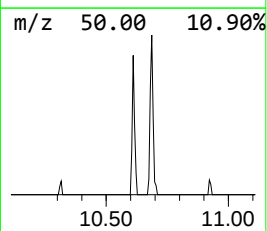
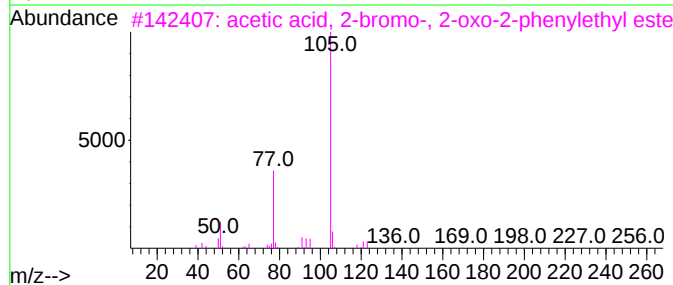
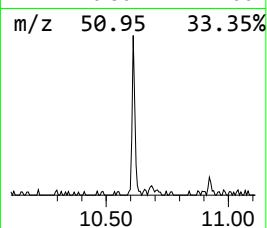
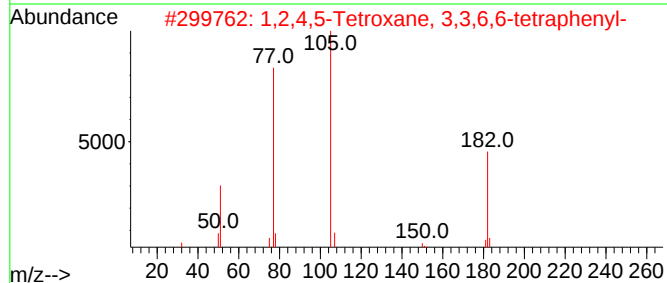
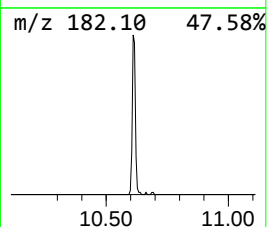
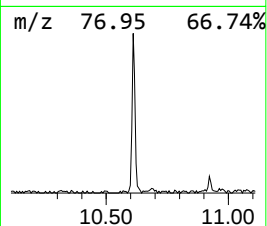
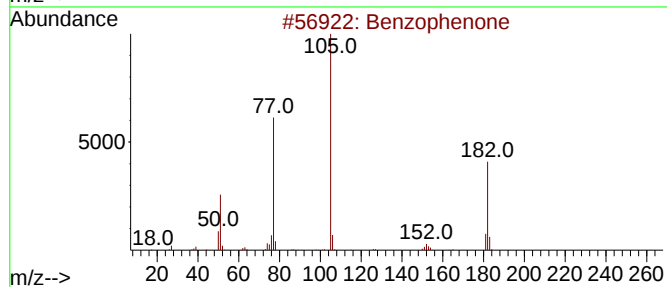
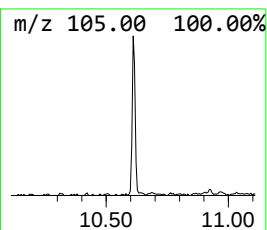
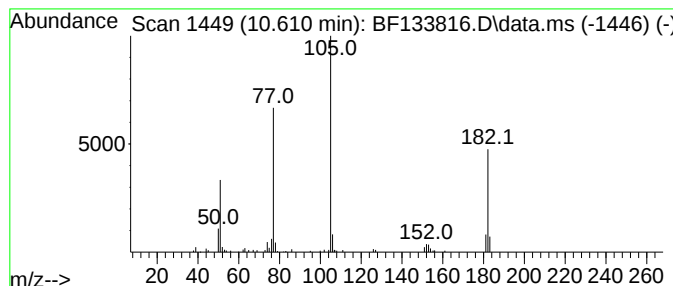
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzophenone Concentration Rank 6

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.  |
|--------|---------|-------|------------------|-------|
| 10.610 | 2.06 ng | 68453 | Acenaphthene-d10 | 9.898 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9  | 97   |
| 2    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4  | 016204-36-7  | 78   |
| 3    |    |   | acetic acid, 2-bromo-, 2-oxo-2-p... | 256 | C10H9BrO3 | 1000401-50-0 | 47   |
| 4    |    |   | Benzoyl isothiocyanate              | 163 | C8H5NOS   | 000532-55-8  | 47   |
| 5    |    |   | Vinyl benzoate                      | 148 | C9H8O2    | 000769-78-8  | 47   |



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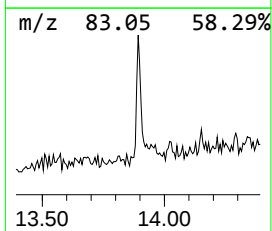
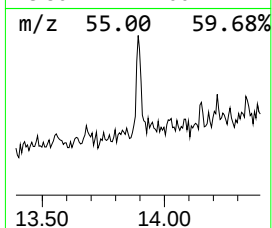
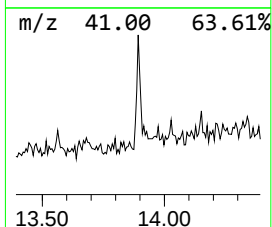
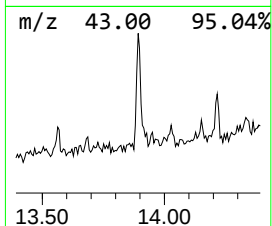
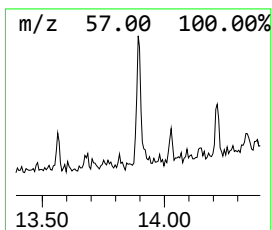
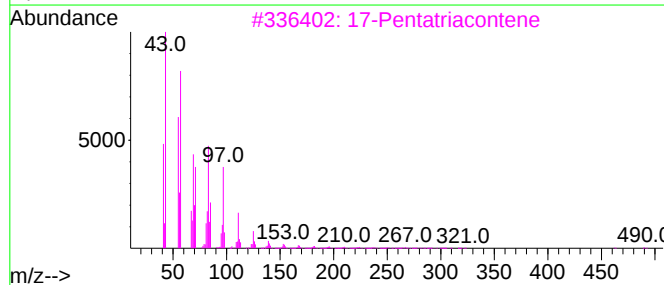
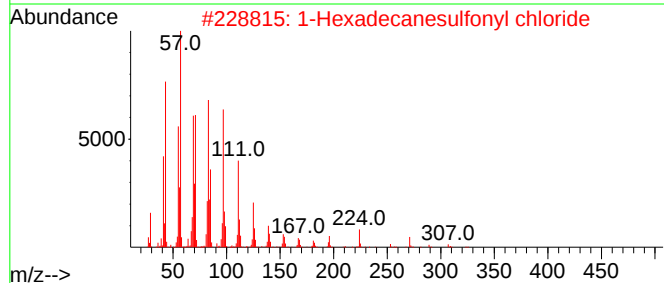
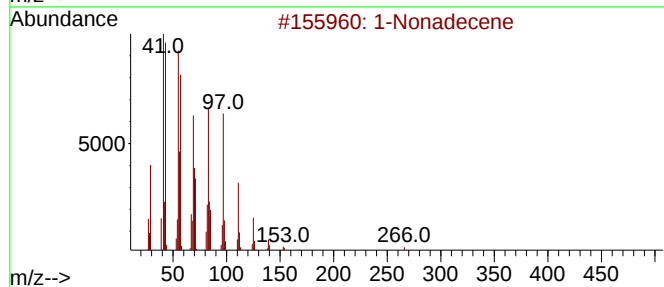
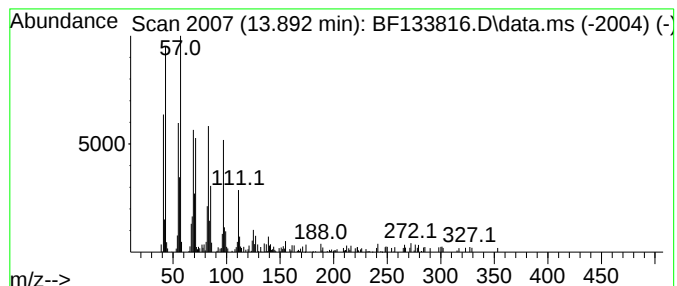
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TIC Library : C:\Database\NIST20.L  
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Peak Number 4 1-Nonadecene Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.892 | 4.05 ng | 116166 | Chrysene-d12     | 14.051 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1-Nonadecene                  | 266 | C19H38      | 018435-45-5  | 99   |
| 2    |    |   | 1-Hexadecanesulfonyl chloride | 324 | C16H33ClO2S | 038775-38-1  | 90   |
| 3    |    |   | 17-Pentatriacontene           | 491 | C35H70      | 006971-40-0  | 90   |
| 4    |    |   | Docosyl heptafluorobutyrate   | 522 | C26H45F7O2  | 1000351-83-1 | 87   |
| 5    |    |   | Docosyl trifluoroacetate      | 422 | C24H45F3O2  | 1000351-75-5 | 87   |



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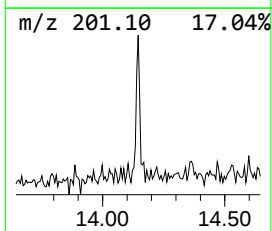
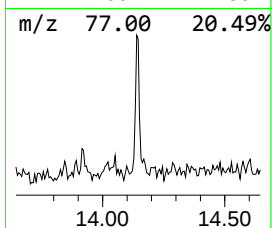
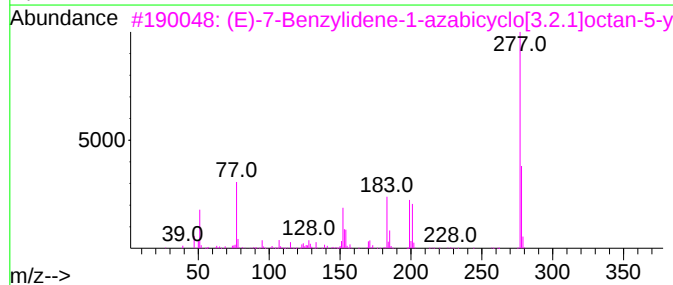
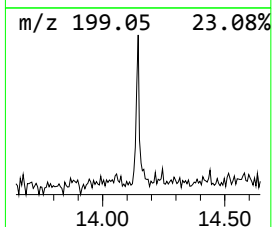
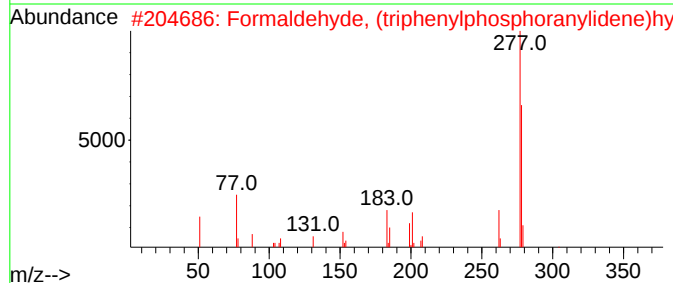
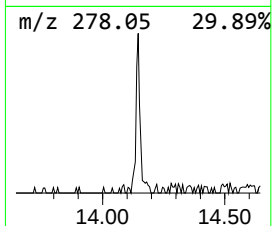
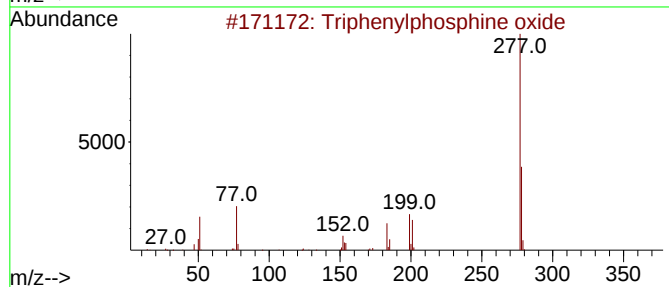
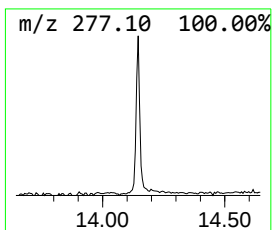
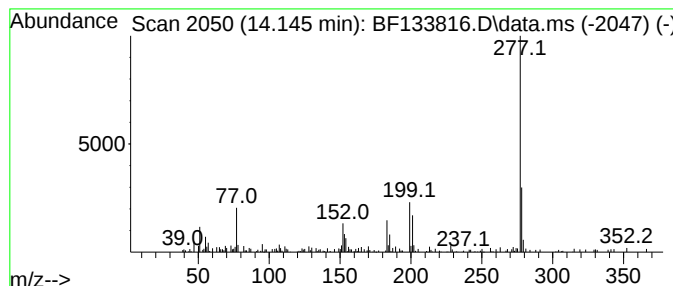
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Triphenylphosphine oxide Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.145 | 2.20 ng | 63176 | Chrysene-d12     | 14.051 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide            | 278 | C18H15OP   | 000791-28-6  | 97   |
| 2    |    |   | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P  | 015990-54-2  | 76   |
| 3    |    |   | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19N03S | 1000483-83-4 | 62   |
| 4    |    |   | Vanadium, cycloheptatrienyl-(pen... | 277 | C17H22V    | 1000155-20-5 | 53   |
| 5    |    |   | Carbazol-1-one, 1,2,3,4-tetrahyd... | 277 | C18H15N02  | 299962-12-2  | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061623\  
Data File : BF133816.D  
Acq On : 16 Jun 2023 20:15  
Operator : CG\JU  
Sample : 03282-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-NEX-002

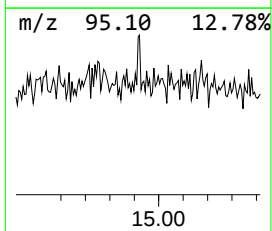
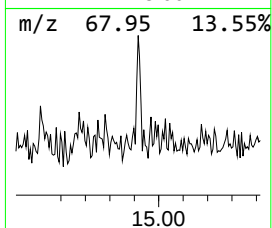
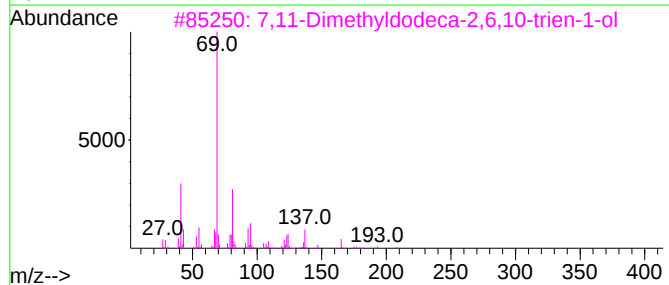
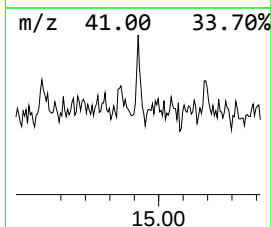
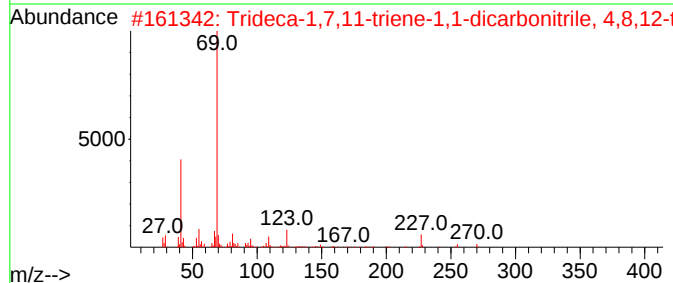
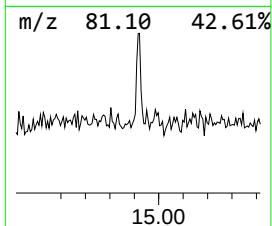
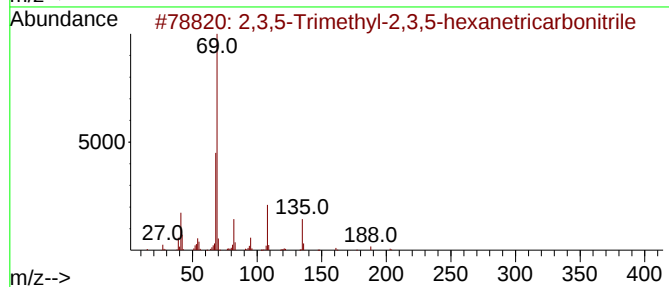
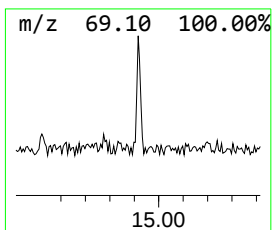
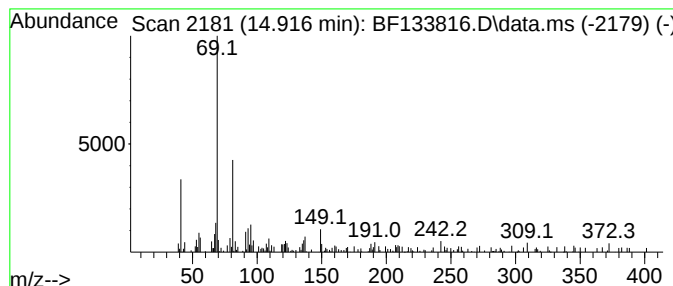
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 2,3,5-Trimethyl-2,3,5-hexan... Concentration Rank 4

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 14.916    | 2.65 ng                             | 52225 | Perylene-d12     | 15.557       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | 2,3,5-Trimethyl-2,3,5-hexanetric... | 203   | C12H17N3         | 003974-79-6  | 64   |
| 2         | Trideca-1,7,11-triene-1,1-dicarb... | 270   | C18H26N2         | 1000161-46-0 | 62   |
| 3         | 7,11-Dimethyldodeca-2,6,10-trien... | 208   | C14H24O          | 125529-10-4  | 53   |
| 4         | 2,6,10,14-Hexadecatetraen-1-ol, ..  | 332   | C22H36O2         | 061691-98-3  | 53   |
| 5         | Supraene                            | 410   | C30H50           | 007683-64-9  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061623\  
Data File : BF133816.D  
Acq On : 16 Jun 2023 20:15  
Operator : CG\JU  
Sample : 03282-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-NEX-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.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 |
| Butane, 2-metho... | 2.134  | 16.9    | ng    | 468086   | 1                     | 6.863  | 552194 | 20.0 |
| 2-Pentanone, 4-... | 5.093  | 4.2     | ng    | 117024   | 1                     | 6.863  | 552194 | 20.0 |
| Benzophenone       | 10.610 | 2.1     | ng    | 68453    | 3                     | 9.898  | 666021 | 20.0 |
| 1-Nonadecene       | 13.892 | 4.0     | ng    | 116166   | 5                     | 14.051 | 573144 | 20.0 |
| Triphenylphosph... | 14.145 | 2.2     | ng    | 63176    | 5                     | 14.051 | 573144 | 20.0 |
| 2,3,5-Trimethyl... | 14.916 | 2.6     | ng    | 52225    | 6                     | 15.557 | 394690 | 20.0 |