

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110122\  
 Data File : BF130897.D  
 Acq On : 01 Nov 2022 13:10  
 Operator : CG\JU  
 Sample : N5371-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-7-WC

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-BF102722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130897.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         | 2.287       | 25            | 34          | 40           | rVB      | 471713         | 620715        | 29.92%          | 3.868%        |
| 2         | 2.399       | 48            | 53          | 61           | rVB      | 39301          | 49915         | 2.41%           | 0.311%        |
| 3         | 5.169       | 519           | 524         | 534          | rVB      | 265646         | 316914        | 15.28%          | 1.975%        |
| 4         | 5.557       | 585           | 590         | 593          | rBV      | 1874529        | 1763390       | 85.00%          | 10.988%       |
| 5         | 6.551       | 754           | 759         | 762          | rBV      | 1828226        | 1898072       | 91.49%          | 11.827%       |
| 6         | 6.934       | 820           | 824         | 827          | rBV      | 649484         | 535825        | 25.83%          | 3.339%        |
| 7         | 7.492       | 914           | 919         | 923          | rBV      | 1201983        | 1266951       | 61.07%          | 7.895%        |
| 8         | 8.122       | 1021          | 1026        | 1037         | rBV2     | 32585          | 81340         | 3.92%           | 0.507%        |
| 9         | 8.216       | 1037          | 1042        | 1046         | rVB      | 754918         | 703955        | 33.93%          | 4.387%        |
| 10        | 9.298       | 1220          | 1226        | 1229         | rBV      | 2136455        | 2074651       | 100.00%         | 12.928%       |
| 11        | 9.981       | 1336          | 1342        | 1345         | rBV      | 1033166        | 872305        | 42.05%          | 5.436%        |
| 12        | 10.769      | 1469          | 1476        | 1480         | rBV      | 1538463        | 1408297       | 67.88%          | 8.776%        |
| 13        | 11.475      | 1592          | 1596        | 1599         | rBV      | 1134760        | 918029        | 44.25%          | 5.721%        |
| 14        | 11.539      | 1604          | 1607        | 1610         | rVB2     | 37353          | 32424         | 1.56%           | 0.202%        |
| 15        | 11.857      | 1658          | 1661        | 1664         | rVB      | 47015          | 33520         | 1.62%           | 0.209%        |
| 16        | 12.569      | 1777          | 1782        | 1788         | rBV4     | 26815          | 34095         | 1.64%           | 0.212%        |
| 17        | 13.063      | 1862          | 1866        | 1869         | rBV      | 2350212        | 1971990       | 95.05%          | 12.288%       |
| 18        | 13.286      | 1900          | 1904        | 1907         | rBV      | 30737          | 26586         | 1.28%           | 0.166%        |
| 19        | 13.627      | 1958          | 1962        | 1965         | rBV2     | 38612          | 36872         | 1.78%           | 0.230%        |
| 20        | 13.957      | 2016          | 2018        | 2022         | rBV      | 43064          | 40494         | 1.95%           | 0.252%        |
| 21        | 14.021      | 2022          | 2029        | 2038         | rBV6     | 47882          | 165149        | 7.96%           | 1.029%        |
| 22        | 14.121      | 2042          | 2046        | 2050         | rVB      | 610549         | 534693        | 25.77%          | 3.332%        |
| 23        | 14.216      | 2057          | 2062        | 2066         | rBV      | 51574          | 63292         | 3.05%           | 0.394%        |
| 24        | 14.274      | 2070          | 2072        | 2076         | rBV      | 37240          | 32487         | 1.57%           | 0.202%        |
| 25        | 14.580      | 2121          | 2124        | 2128         | rBV      | 31075          | 32689         | 1.58%           | 0.204%        |
| 26        | 14.886      | 2173          | 2176        | 2183         | rBV3     | 38844          | 66866         | 3.22%           | 0.417%        |
| 27        | 14.986      | 2190          | 2193        | 2196         | rVB      | 34034          | 34565         | 1.67%           | 0.215%        |
| 28        | 15.639      | 2299          | 2304        | 2314         | rVB2     | 315727         | 431965        | 20.82%          | 2.692%        |

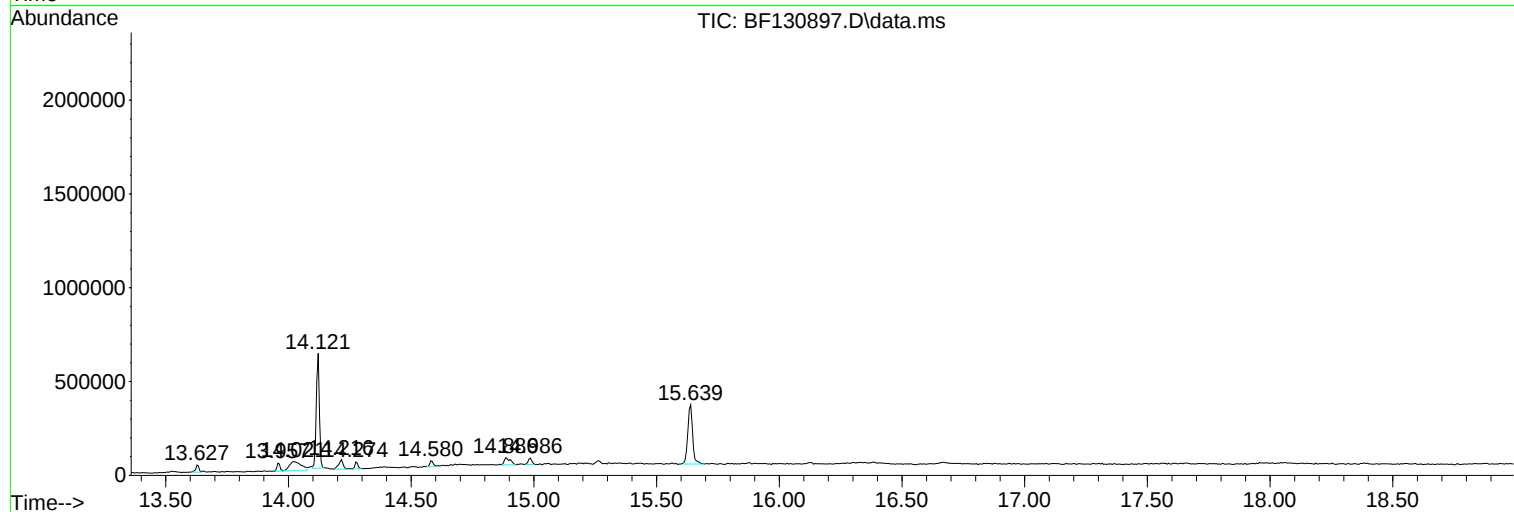
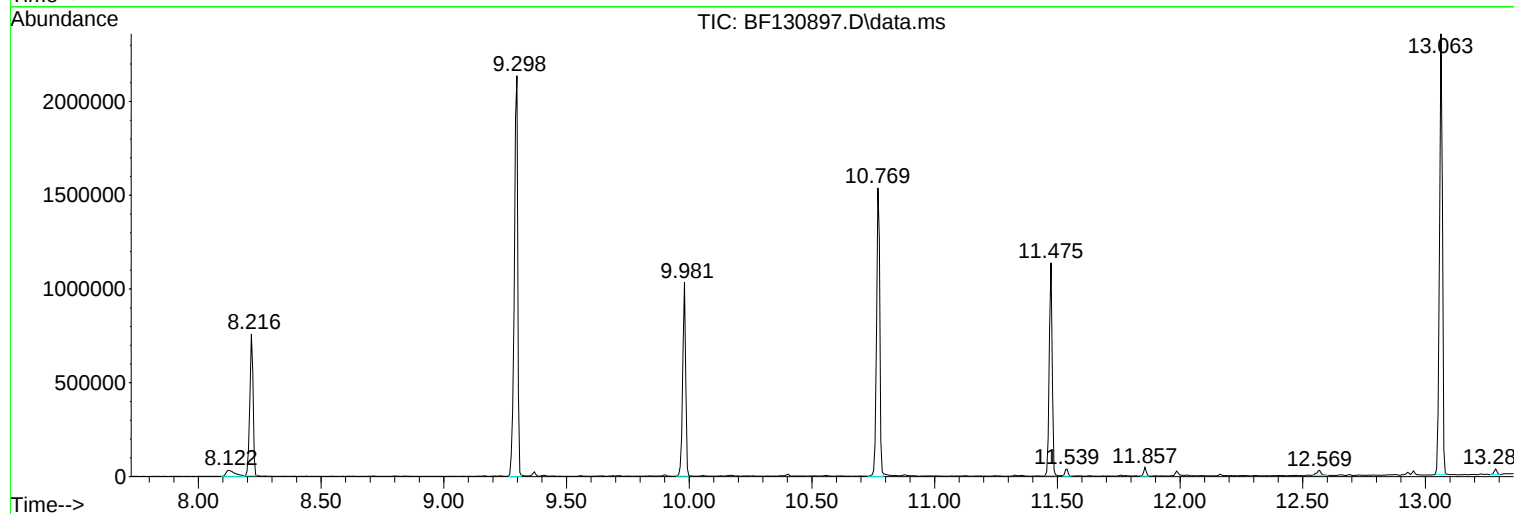
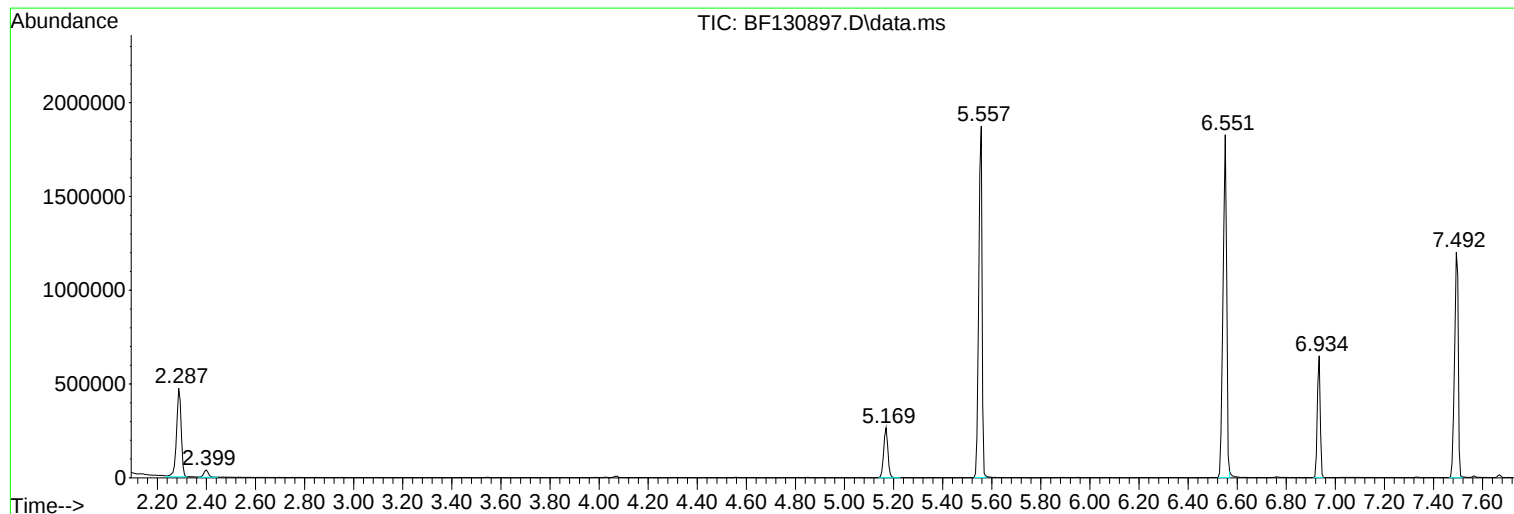
Sum of corrected areas: 16048046

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110122\  
Data File : BF130897.D  
Acq On : 01 Nov 2022 13:10  
Operator : CG\JU  
Sample : N5371-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-7-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110122\  
Data File : BF130897.D  
Acq On : 01 Nov 2022 13:10  
Operator : CG\JU  
Sample : N5371-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-7-WC

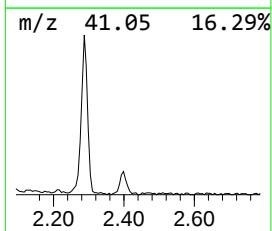
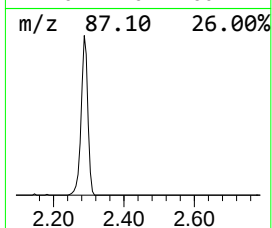
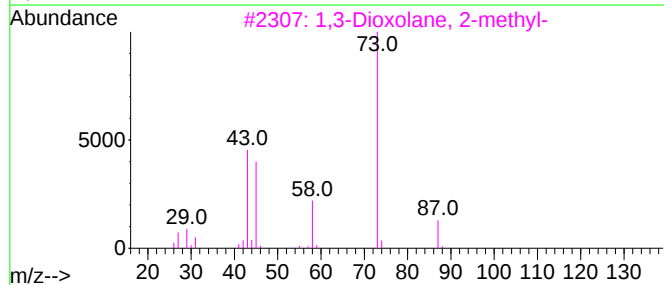
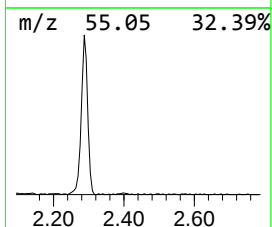
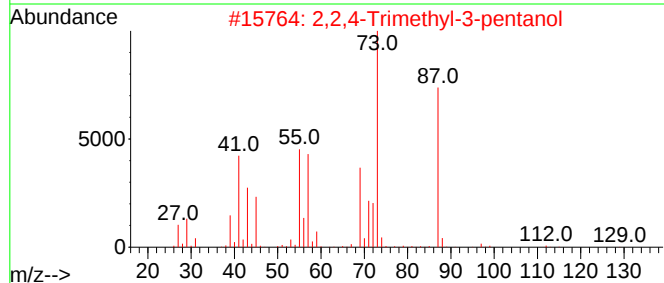
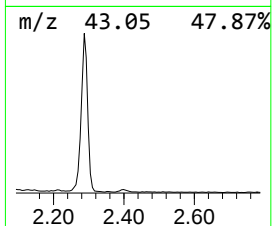
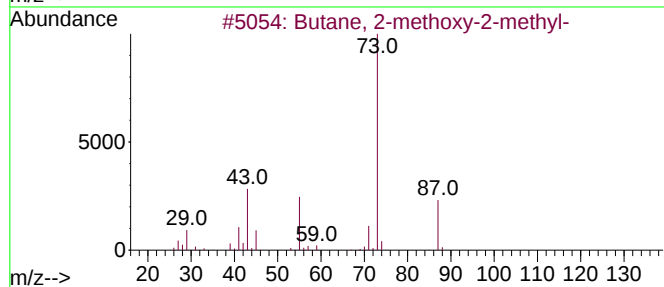
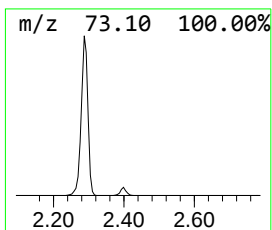
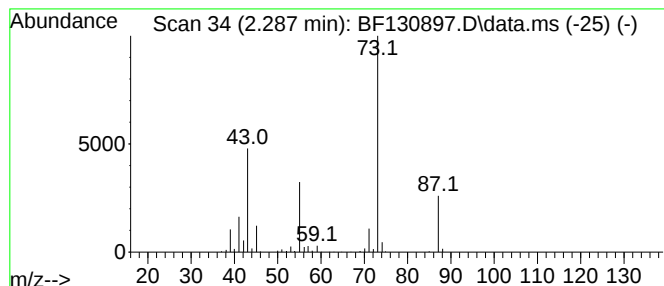
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 2.287 | 23.17 ng | 620715 | 1,4-Dichlorobenzene-d4 | 6.934 |

| 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 | 40   |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 32   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 5    |    |   | Borane, dimethoxy-          | 74  | C2H7BO2 | 004542-61-4 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110122\  
Data File : BF130897.D  
Acq On : 01 Nov 2022 13:10  
Operator : CG\JU  
Sample : N5371-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-7-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

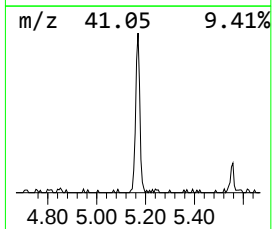
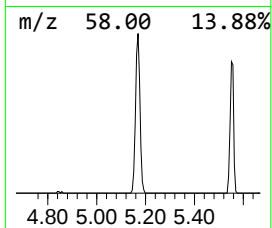
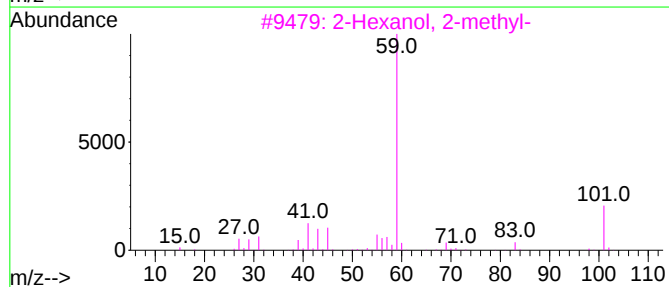
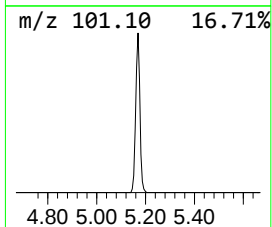
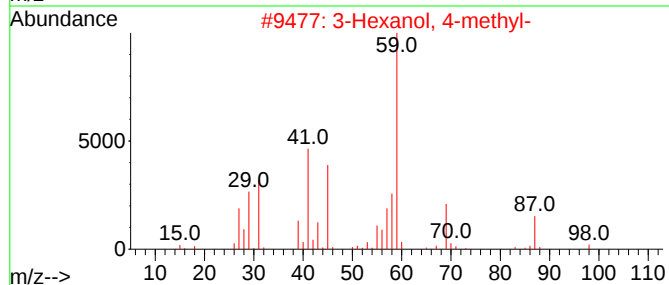
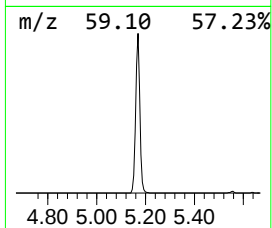
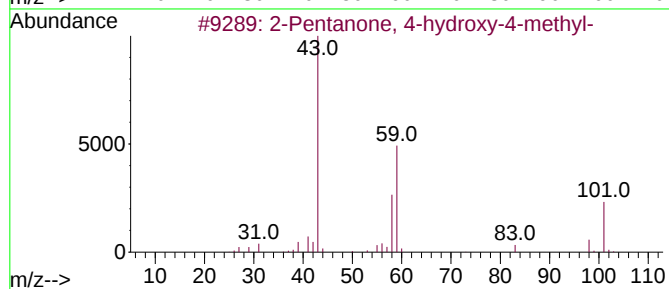
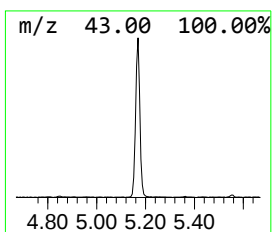
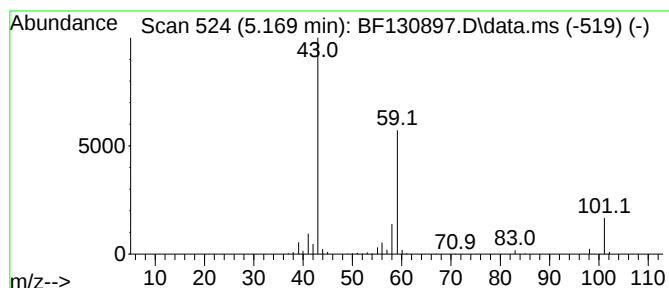
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.169 | 11.83 ng | 316914 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | 3-Hexanol, 4-methyl-                | 116 | C7H16O       | 000615-29-2 | 33      |      |      |
| 3    | 2-Hexanol, 2-methyl-                | 116 | C7H16O       | 000625-23-0 | 28      |      |      |
| 4    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2      | 000540-88-5 | 28      |      |      |
| 5    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 25      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110122\  
Data File : BF130897.D  
Acq On : 01 Nov 2022 13:10  
Operator : CG\JU  
Sample : N5371-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-7-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

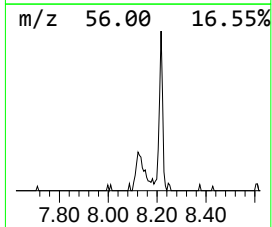
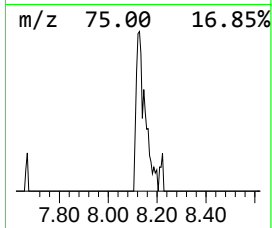
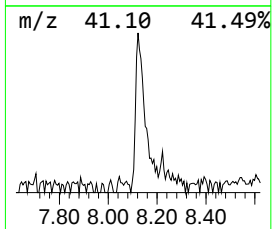
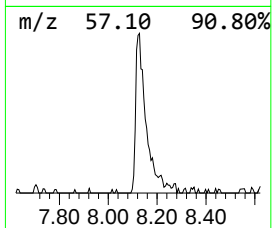
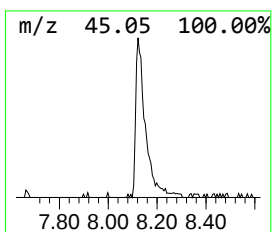
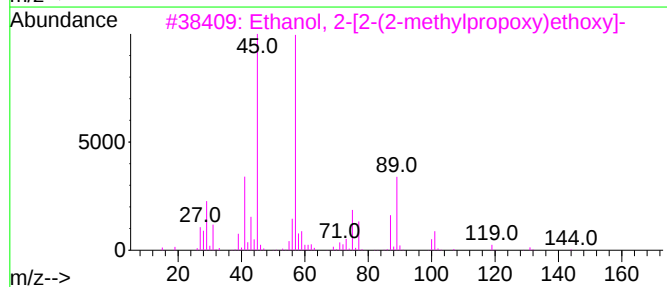
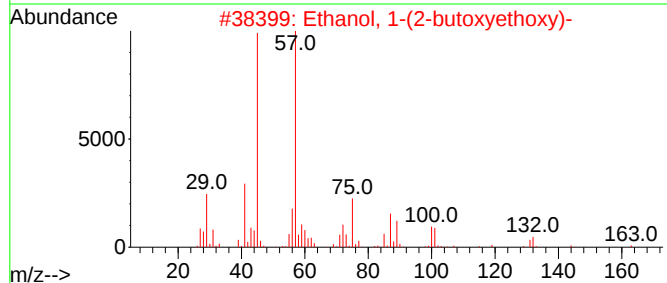
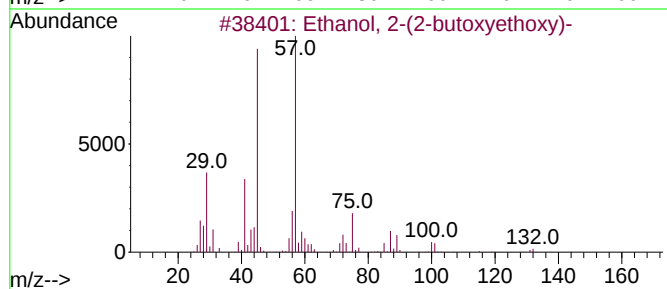
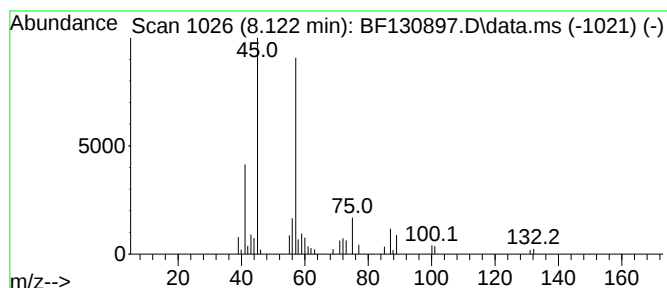
\*\*\*\*\*

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 8.122 | 2.31 ng | 81340 | Naphthalene-d8   | 8.216 |

| 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 | 56   |
| 4    |    |   | Di-sec-Butyl ether                  | 130 | C8H18O  | 006863-58-7 | 53   |
| 5    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110122\  
Data File : BF130897.D  
Acq On : 01 Nov 2022 13:10  
Operator : CG\JU  
Sample : N5371-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-7-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

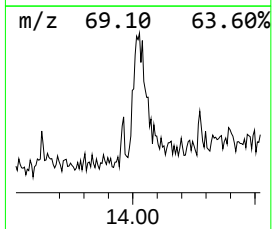
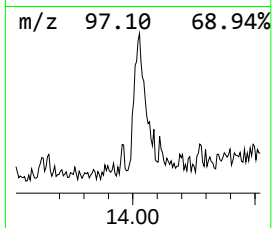
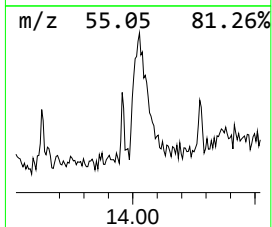
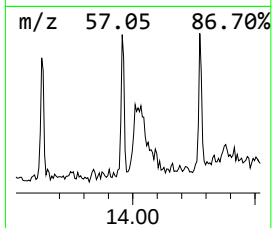
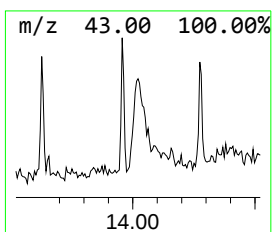
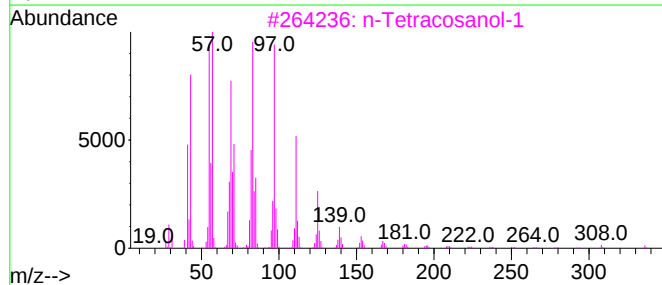
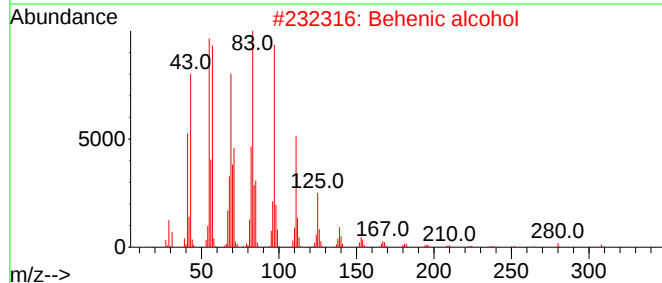
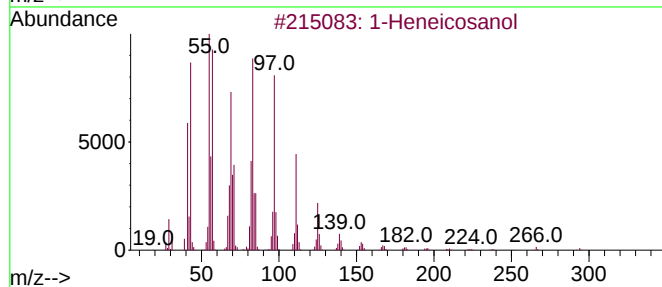
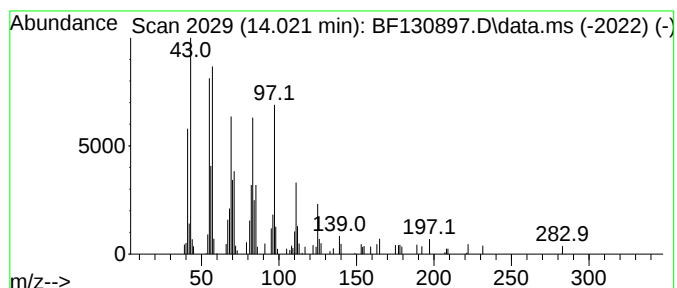
\*\*\*\*\*

Peak Number 4 1-Heneicosanol Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.022 | 6.18 ng | 165149 | Chrysene-d12     | 14.121 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 93   |
| 2    |    |   | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 93   |
| 3    |    |   | n-Tetracosanol-1                    | 354 | C24H50O    | 000506-51-4 | 93   |
| 4    |    |   | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 93   |
| 5    |    |   | Acetic acid n-octadecyl ester       | 312 | C20H40O2   | 000822-23-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110122\  
Data File : BF130897.D  
Acq On : 01 Nov 2022 13:10  
Operator : CG\JU  
Sample : N5371-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-7-WC

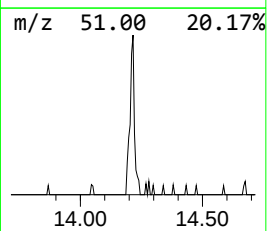
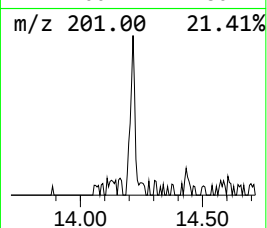
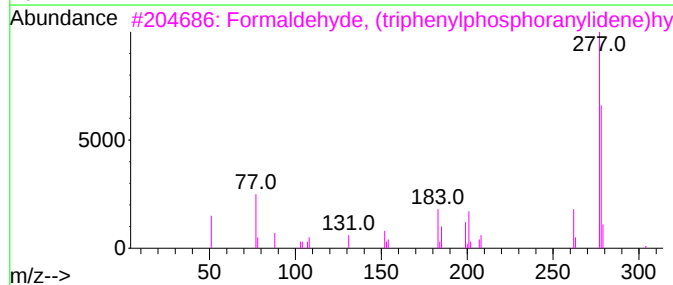
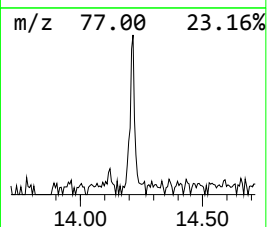
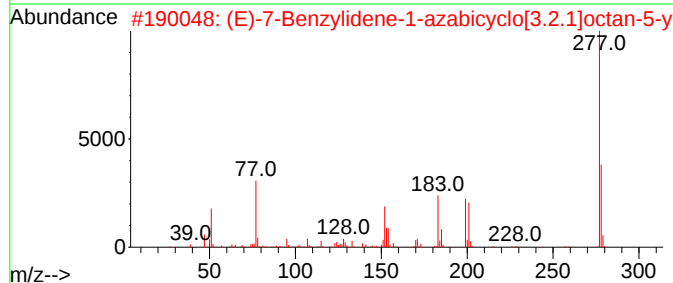
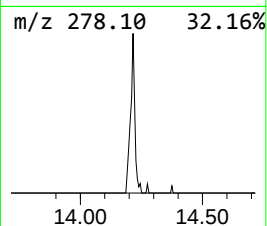
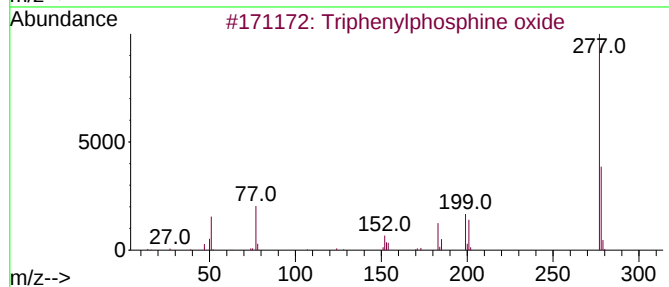
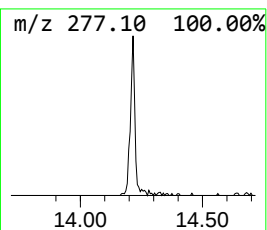
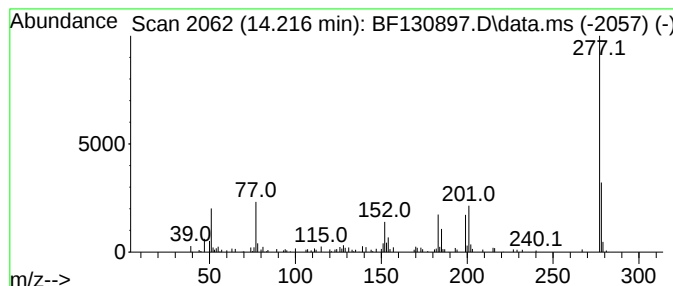
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Triphenylphosphine oxide Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.216 | 2.37 ng | 63292 | Chrysene-d12     | 14.121 |

| Hit# | of | 5 | Tentative ID                          | MW  | MolForm    | CAS#         | Qual |
|------|----|---|---------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide              | 278 | C18H15OP   | 000791-28-6  | 96   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...]  | 293 | C15H19N03S | 1000483-83-4 | 86   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...]  | 304 | C19H17N2P  | 015990-54-2  | 45   |
| 4    |    |   | Cobalt, (.eta.<5>-2,4-cyclopentad...] | 277 | C16H15BCo  | 036682-12-9  | 38   |
| 5    |    |   | 6H-Pyrazolo[3,4-H]quinazoline, 2...]  | 278 | C15H14N6   | 1000302-25-8 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110122\  
Data File : BF130897.D  
Acq On : 01 Nov 2022 13:10  
Operator : CG\JU  
Sample : N5371-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-7-WC

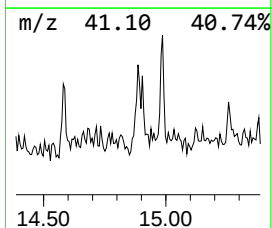
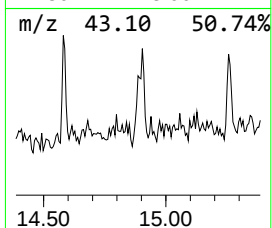
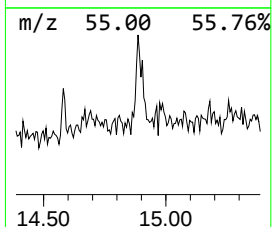
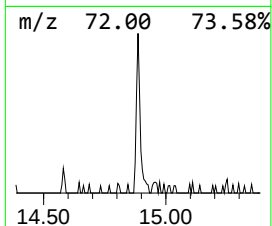
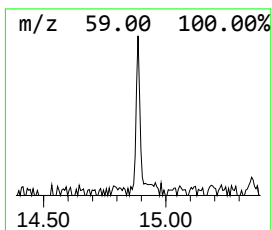
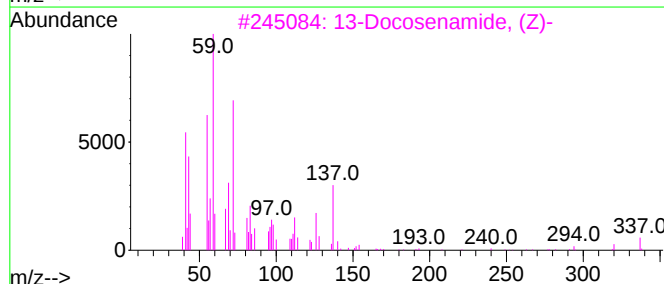
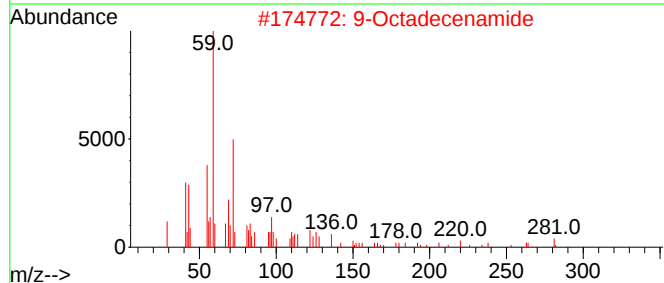
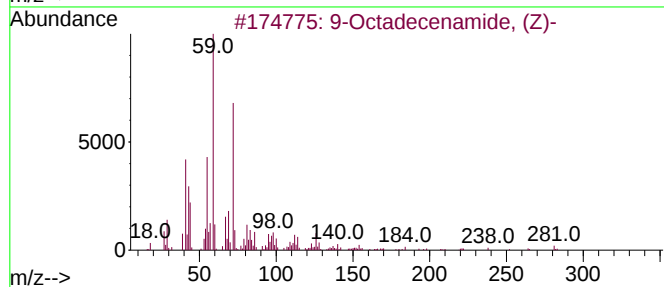
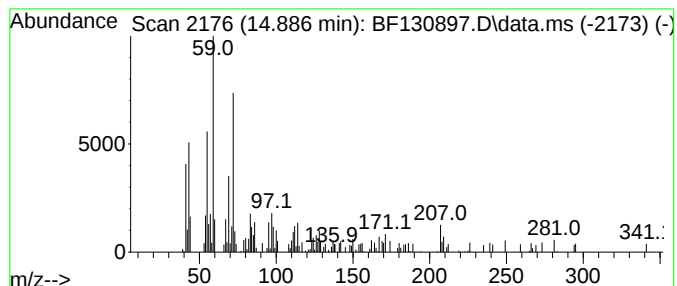
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 4

| R.T.      | EstConc                | Area  | Relative to ISTD | R.T.        |      |
|-----------|------------------------|-------|------------------|-------------|------|
| 14.886    | 3.10 ng                | 66866 | Perylene-d12     | 15.639      |      |
| Hit# of 5 | Tentative ID           | MW    | MolForm          | CAS#        | Qual |
| 1         | 9-Octadecenamide, (Z)- | 281   | C18H35NO         | 000301-02-0 | 93   |
| 2         | 9-Octadecenamide       | 281   | C18H35NO         | 003322-62-1 | 90   |
| 3         | 13-Docosenamide, (Z)-  | 337   | C22H43NO         | 000112-84-5 | 72   |
| 4         | Octadecanamide         | 283   | C18H37NO         | 000124-26-5 | 47   |
| 5         | Decanamide-            | 171   | C10H21NO         | 002319-29-1 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110122\  
Data File : BF130897.D  
Acq On : 01 Nov 2022 13:10  
Operator : CG\JU  
Sample : N5371-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-7-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2-metho... | 2.287  | 23.2    | ng    | 620715   | 1                     | 6.934  | 535825 | 20.0 |
| 2-Pentanone, 4-... | 5.169  | 11.8    | ng    | 316914   | 1                     | 6.934  | 535825 | 20.0 |
| Ethanol, 2-(2-b... | 8.122  | 2.3     | ng    | 81340    | 2                     | 8.216  | 703955 | 20.0 |
| 1-Heneicosanol     | 14.022 | 6.2     | ng    | 165149   | 5                     | 14.121 | 534693 | 20.0 |
| Triphenylphosph... | 14.216 | 2.4     | ng    | 63292    | 5                     | 14.121 | 534693 | 20.0 |
| 9-Octadecenamid... | 14.886 | 3.1     | ng    | 66866    | 6                     | 15.639 | 431965 | 20.0 |