

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110822\  
 Data File : BF131064.D  
 Acq On : 08 Nov 2022 13:38  
 Operator : CG\JU  
 Sample : N5415-10  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 R-23

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-BF110722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131064.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         | 2.181       | 9             | 16          | 26           | rVB      | 425627         | 551156        | 34.82%          | 4.876%        |
| 2         | 2.287       | 30            | 34          | 39           | rBV      | 34538          | 42253         | 2.67%           | 0.374%        |
| 3         | 4.498       | 406           | 410         | 418          | rVB      | 52719          | 57675         | 3.64%           | 0.510%        |
| 4         | 5.122       | 511           | 516         | 528          | rVB      | 367619         | 419047        | 26.48%          | 3.707%        |
| 5         | 5.516       | 578           | 583         | 586          | rBV      | 1782201        | 1582723       | 100.00%         | 14.003%       |
| 6         | 6.522       | 749           | 754         | 757          | rBV      | 1320124        | 1226974       | 77.52%          | 10.855%       |
| 7         | 6.898       | 814           | 818         | 821          | rBV      | 640667         | 491304        | 31.04%          | 4.347%        |
| 8         | 7.463       | 909           | 914         | 917          | rBV      | 1096940        | 983734        | 62.15%          | 8.703%        |
| 9         | 8.181       | 1032          | 1036        | 1040         | rBV      | 665535         | 592358        | 37.43%          | 5.241%        |
| 10        | 9.257       | 1215          | 1219        | 1223         | rBV      | 1386400        | 1276717       | 80.67%          | 11.296%       |
| 11        | 9.945       | 1332          | 1336        | 1339         | rBV      | 520628         | 453279        | 28.64%          | 4.010%        |
| 12        | 10.733      | 1466          | 1470        | 1485         | rBV      | 1105017        | 971579        | 61.39%          | 8.596%        |
| 13        | 11.439      | 1586          | 1590        | 1593         | rBV      | 633810         | 563992        | 35.63%          | 4.990%        |
| 14        | 13.027      | 1856          | 1860        | 1863         | rBV      | 1107618        | 976689        | 61.71%          | 8.641%        |
| 15        | 14.004      | 2019          | 2026        | 2033         | rBV5     | 36531          | 113260        | 7.16%           | 1.002%        |
| 16        | 14.086      | 2036          | 2040        | 2043         | rVV      | 372953         | 333486        | 21.07%          | 2.950%        |
| 17        | 14.180      | 2052          | 2056        | 2061         | rVB      | 35929          | 37564         | 2.37%           | 0.332%        |
| 18        | 14.545      | 2115          | 2118        | 2120         | rBV2     | 21261          | 20753         | 1.31%           | 0.184%        |
| 19        | 14.657      | 2131          | 2137        | 2140         | rBV7     | 11867          | 23660         | 1.49%           | 0.209%        |
| 20        | 14.862      | 2169          | 2172        | 2179         | rVB5     | 16478          | 27362         | 1.73%           | 0.242%        |
| 21        | 14.939      | 2181          | 2185        | 2189         | rVB      | 39228          | 40154         | 2.54%           | 0.355%        |
| 22        | 15.139      | 2216          | 2219        | 2222         | rBV      | 14898          | 20499         | 1.30%           | 0.181%        |
| 23        | 15.209      | 2228          | 2231        | 2235         | rVB      | 17418          | 20080         | 1.27%           | 0.178%        |
| 24        | 15.586      | 2290          | 2295        | 2304         | rVB      | 366838         | 456445        | 28.84%          | 4.038%        |
| 25        | 16.051      | 2371          | 2374        | 2378         | rBV3     | 13811          | 20117         | 1.27%           | 0.178%        |

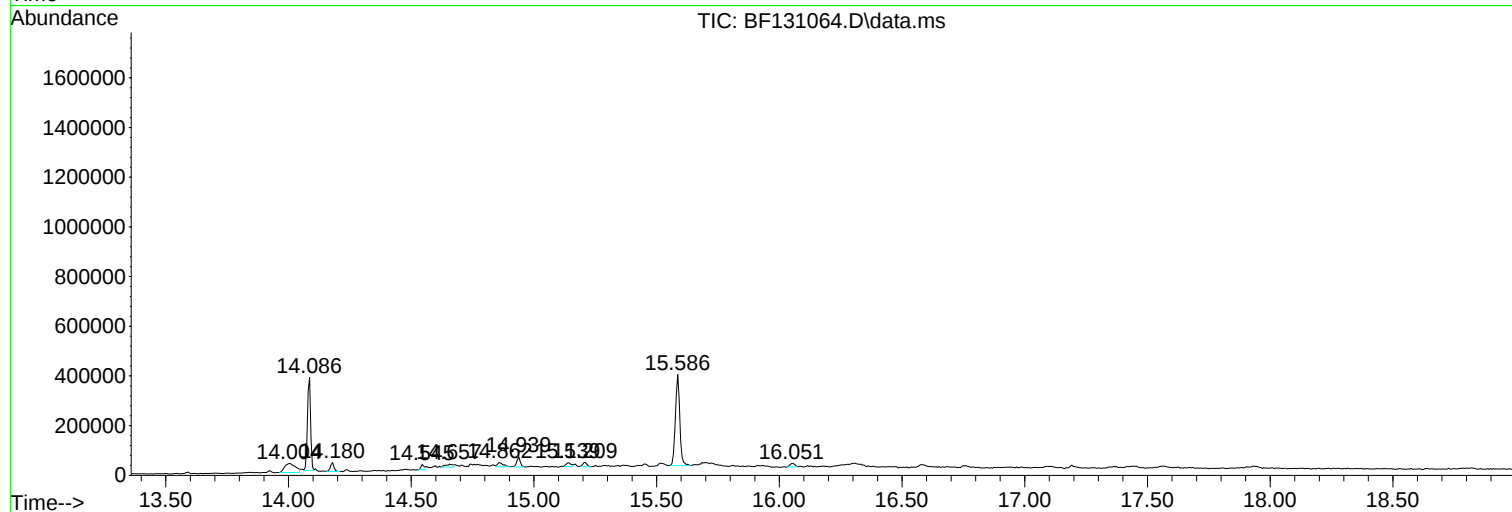
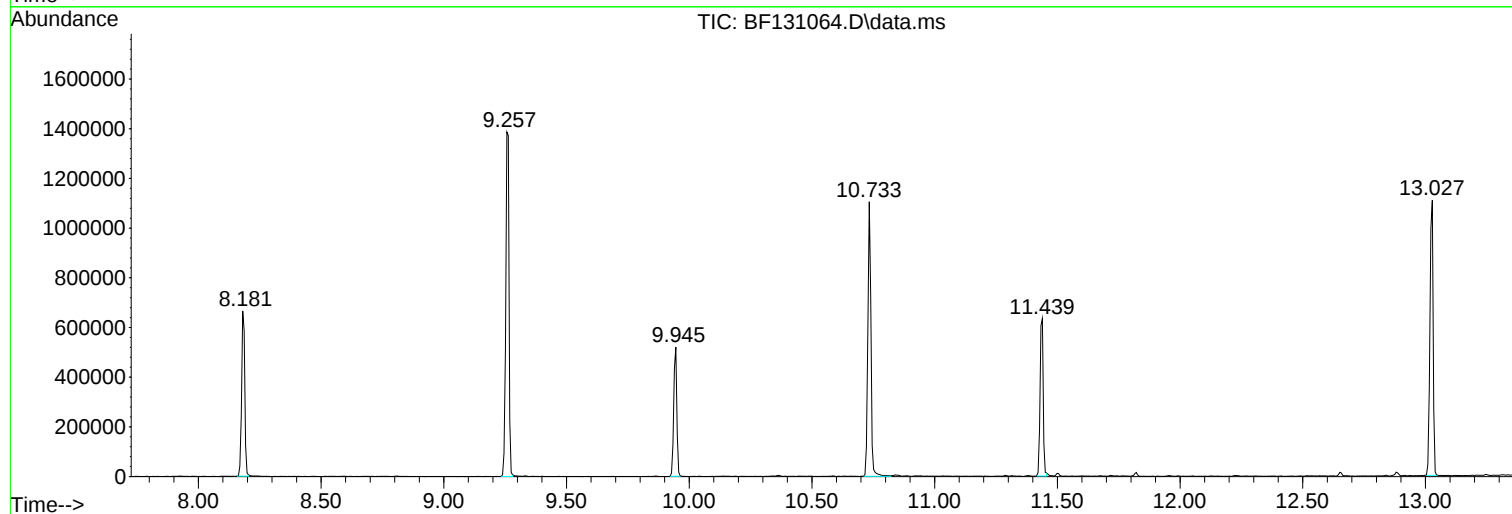
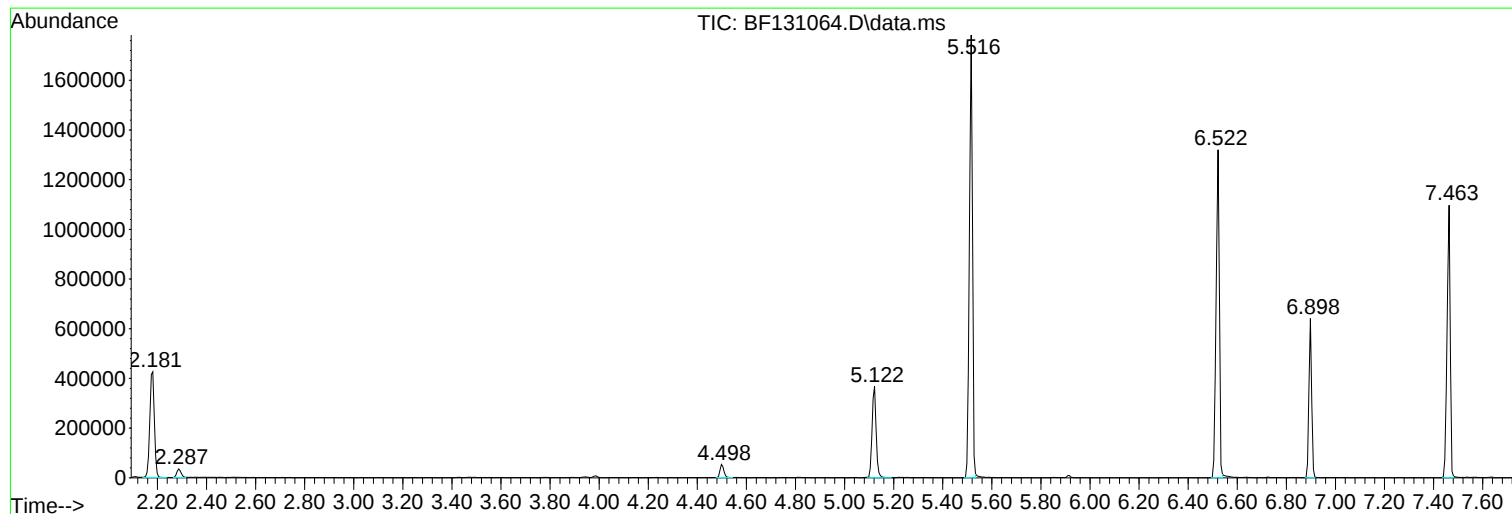
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Instrument :  
BNA\_F  
ClientSampleId :  
R-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110722.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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Instrument :  
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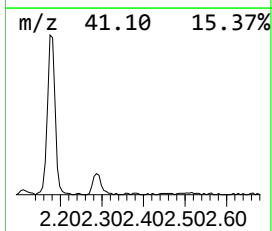
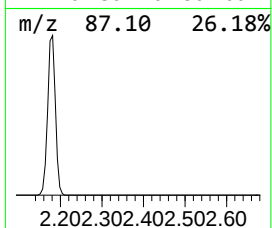
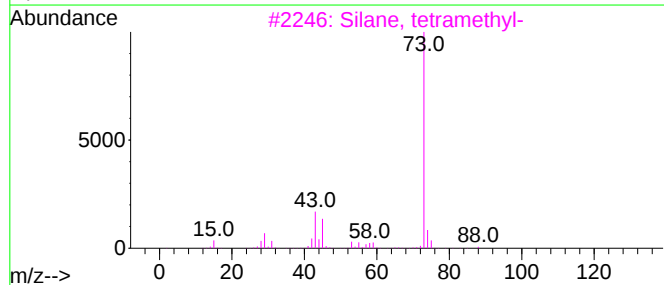
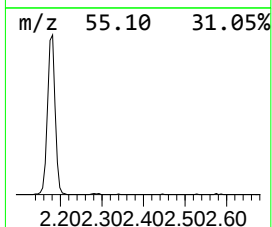
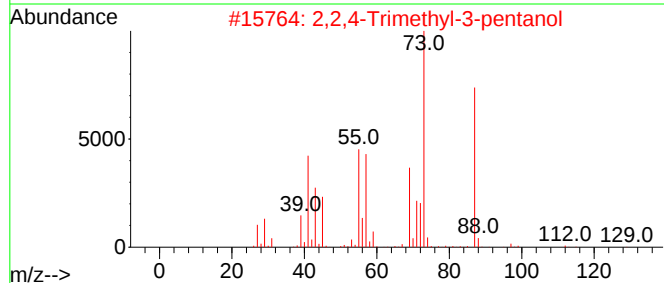
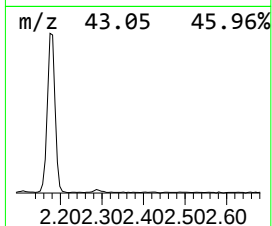
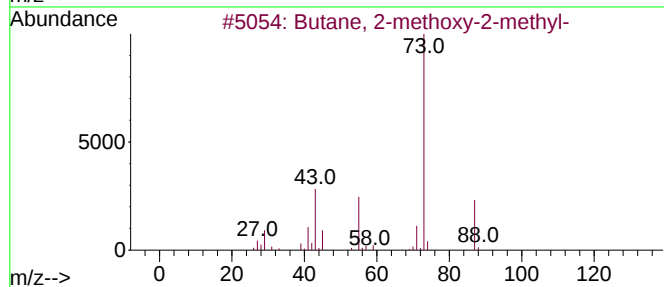
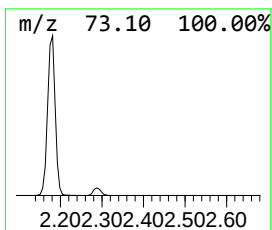
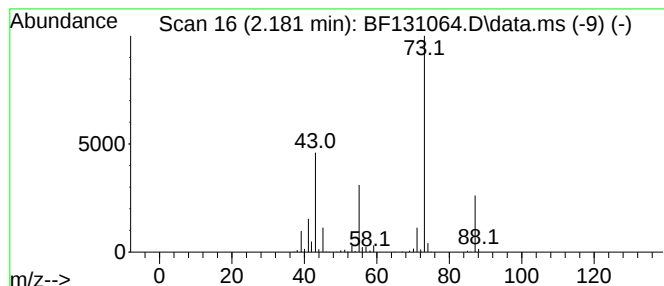
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-------|----------|--------|------------------------|-------|
| 2.181 | 22.44 ng | 551156 | 1,4-Dichlorobenzene-d4 | 6.898 |

| 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    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 4    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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BNA\_F  
ClientSampleId :  
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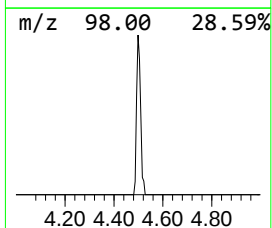
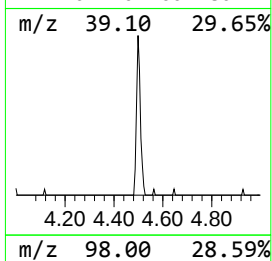
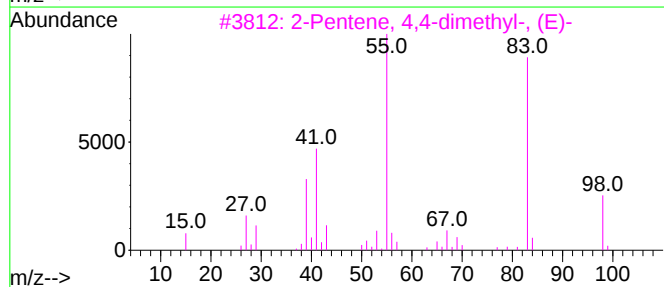
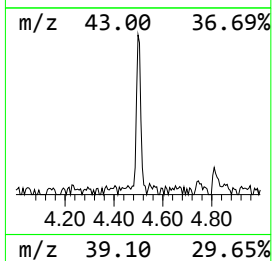
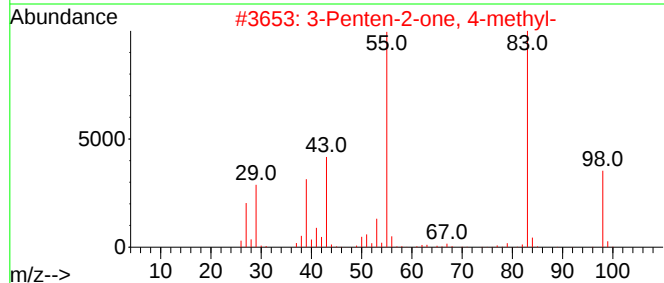
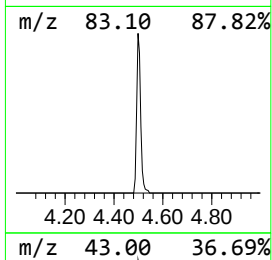
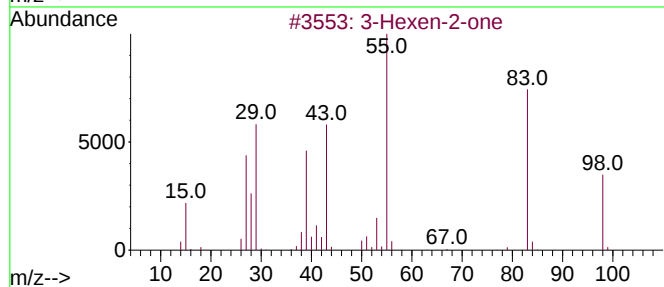
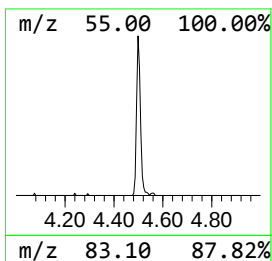
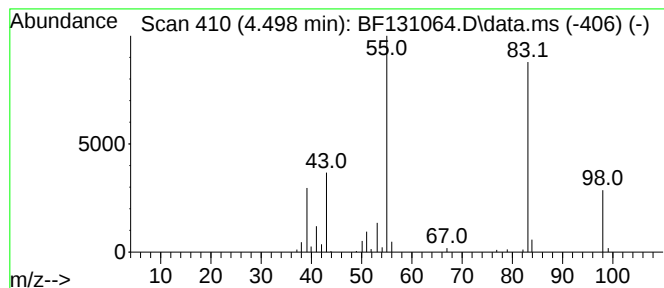
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 3-Hexen-2-one Concentration Rank 4

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 4.498 | 2.35 ng | 57675 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# | of 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|------|--------------------------------|----|---------|-------------|------|
| 1    |      | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 91   |
| 2    |      | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 91   |
| 3    |      | 2-Pentene, 4,4-dimethyl-, (E)- | 98 | C7H14   | 000690-08-4 | 86   |
| 4    |      | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 86   |
| 5    |      | 2-Pentene, 3,4-dimethyl-       | 98 | C7H14   | 024910-63-2 | 78   |



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Sample : N5415-10  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
R-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

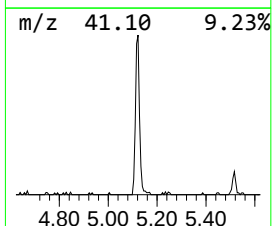
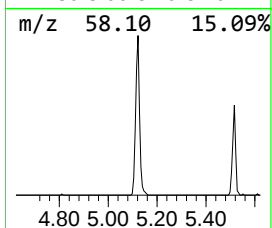
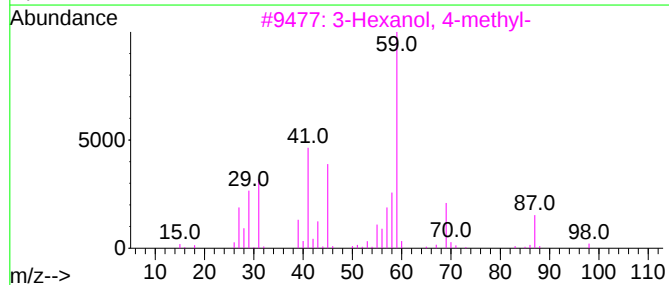
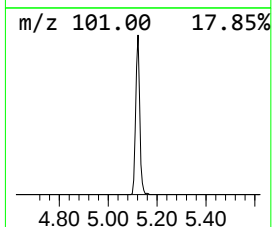
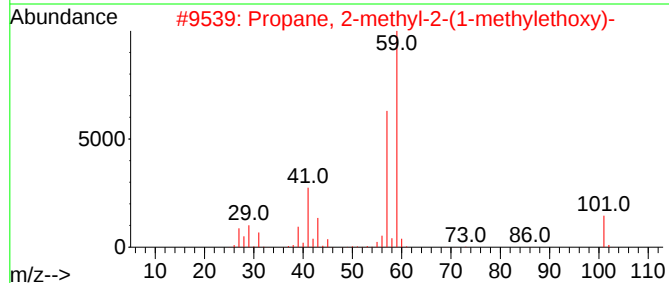
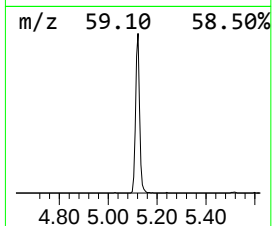
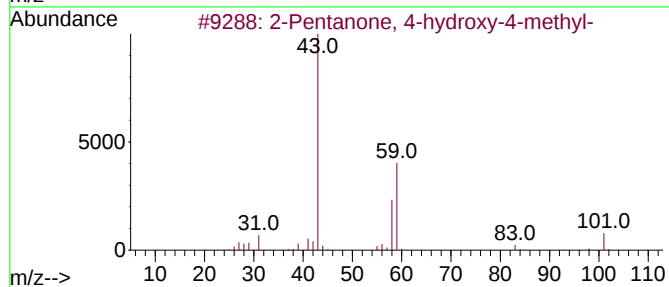
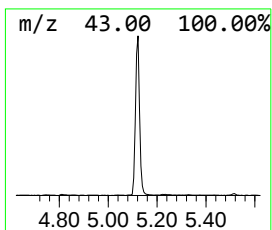
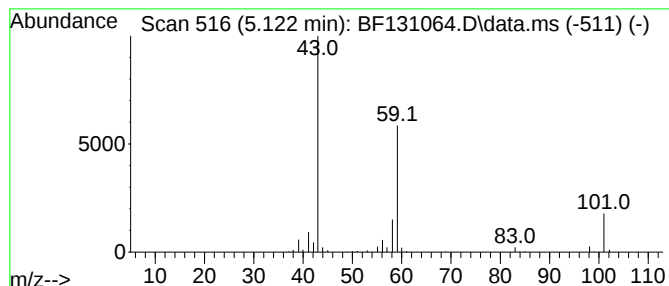
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.122 | 17.06 ng | 419047 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 33   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 28   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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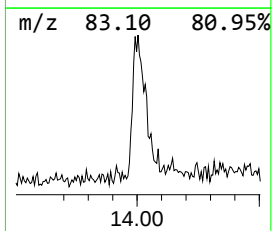
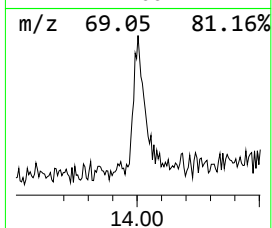
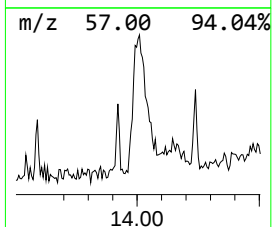
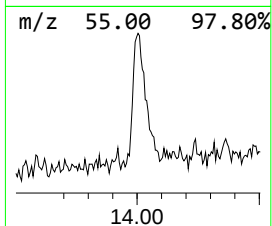
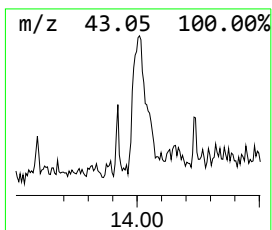
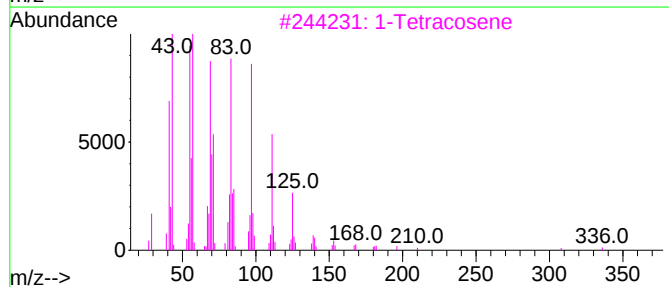
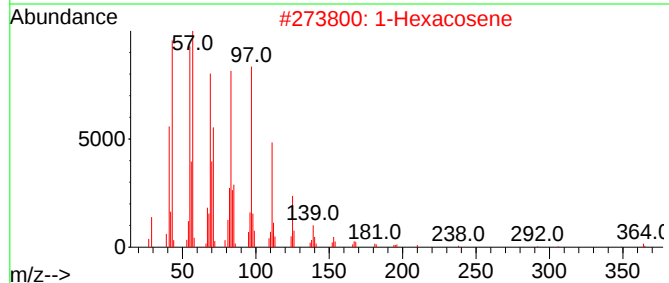
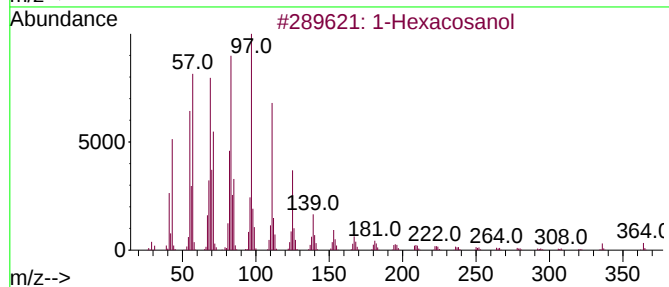
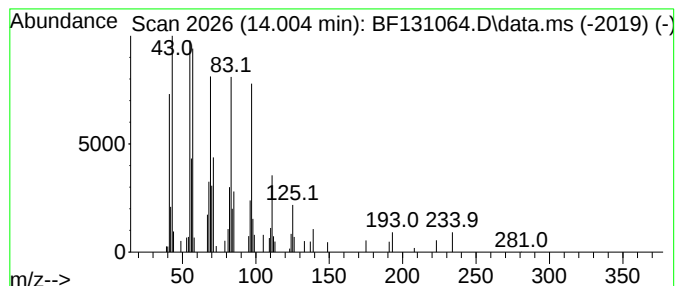
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Peak Number 4 1-Hexacosanol Concentration Rank 3

| R.T.      | EstConc          | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------|--------|------------------|-------------|------|
| 14.004    | 6.79 ng          | 113260 | Chrysene-d12     | 14.086      |      |
| Hit# of 5 | Tentative ID     | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Hexacosanol    | 382    | C26H54O          | 000506-52-5 | 91   |
| 2         | 1-Hexacosene     | 364    | C26H52           | 018835-33-1 | 91   |
| 3         | 1-Tetracosene    | 336    | C24H48           | 010192-32-2 | 90   |
| 4         | n-Tetracosanol-1 | 354    | C24H50O          | 000506-51-4 | 90   |
| 5         | Behenic alcohol  | 326    | C22H46O          | 000661-19-8 | 87   |



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R-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

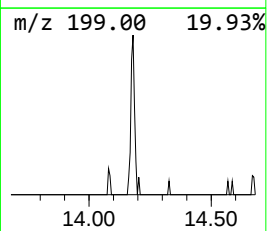
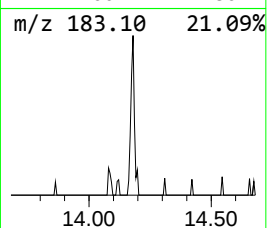
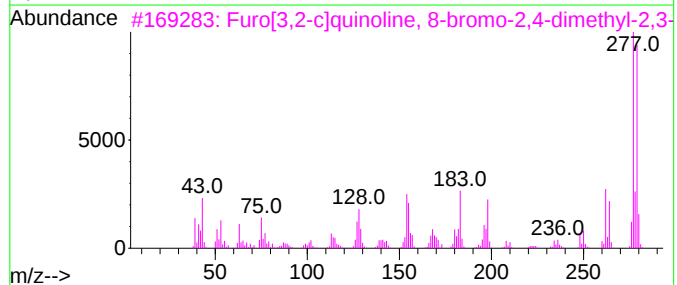
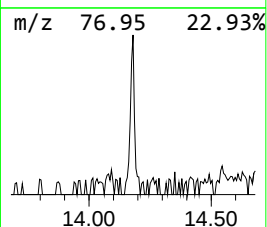
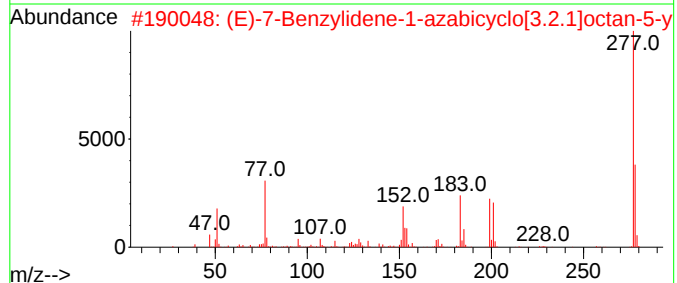
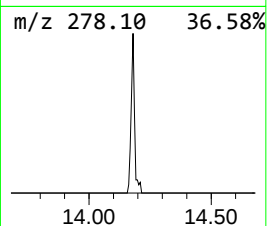
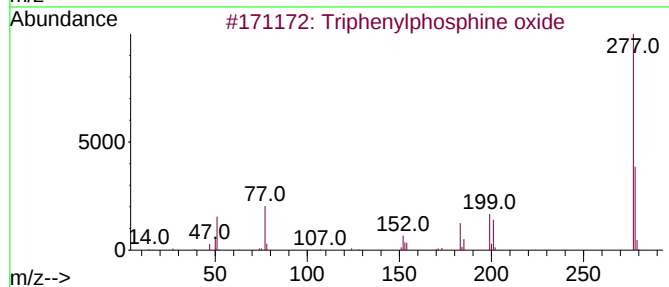
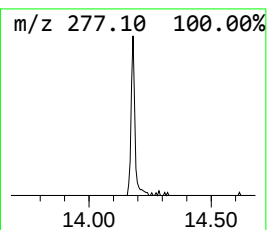
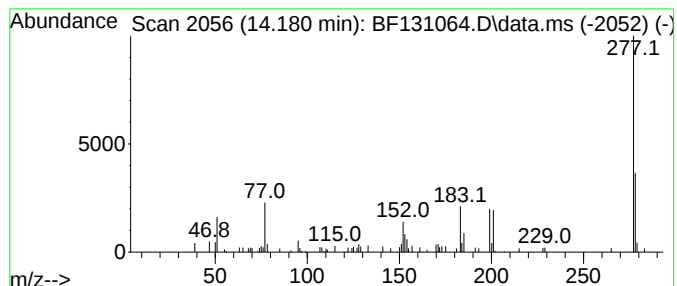
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Triphenylphosphine oxide Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.180 | 2.25 ng | 37564 | Chrysene-d12     | 14.086 |

| 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 | 91   |
| 3    |    |   | Furo[3,2-c]quinoline, 8-bromo-2,...  | 277 | C13H12BrNO | 1000310-92-7 | 38   |
| 4    |    |   | Formaldehyde, (triphenylphosphor...] | 304 | C19H17N2P  | 015990-54-2  | 37   |
| 5    |    |   | Cobalt,(.eta.<5>-2,4-cyclopentad...  | 277 | C16H15BCo  | 036682-12-9  | 32   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110822\  
Data File : BF131064.D  
Acq On : 08 Nov 2022 13:38  
Operator : CG\JU  
Sample : N5415-10  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
R-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110722.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... | 2.181  | 22.4    | ng    | 551156   | 1                     | 6.898  | 491304 | 20.0 |
| 3-Hexen-2-one      | 4.498  | 2.4     | ng    | 57675    | 1                     | 6.898  | 491304 | 20.0 |
| 2-Pentanone, 4-... | 5.122  | 17.1    | ng    | 419047   | 1                     | 6.898  | 491304 | 20.0 |
| 1-Hexacosanol      | 14.004 | 6.8     | ng    | 113260   | 5                     | 14.086 | 333486 | 20.0 |
| Triphenylphosph... | 14.180 | 2.3     | ng    | 37564    | 5                     | 14.086 | 333486 | 20.0 |