

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100121\  
 Data File : BF125756.D  
 Acq On : 1 Oct 2021 17:11  
 Operator : JU/CG  
 Sample : M4008-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-SIDEWALK

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : OFF Filtering: 5  
 Sampling : 1 Min Area: 1 % 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-BF092421.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125756.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         | 2.193       | 11            | 18          | 24           | rVB      | 1349619        | 1694821       | 34.50%          | 4.433%        |
| 2         | 2.299       | 31            | 36          | 43           | rBV      | 61649          | 83944         | 1.71%           | 0.220%        |
| 3         | 3.640       | 259           | 264         | 270          | rBV      | 79234          | 113206        | 2.30%           | 0.296%        |
| 4         | 4.510       | 405           | 412         | 415          | rBV      | 3806622        | 4912392       | 100.00%         | 12.849%       |
| 5         | 5.116       | 508           | 515         | 518          | rBV      | 2450415        | 3035954       | 61.80%          | 7.941%        |
| 6         | 5.504       | 577           | 581         | 584          | rBV      | 2824754        | 2461675       | 50.11%          | 6.439%        |
| 7         | 6.504       | 746           | 751         | 754          | rBV      | 3237011        | 3350367       | 68.20%          | 8.764%        |
| 8         | 6.887       | 812           | 816         | 819          | rBV      | 1502225        | 1175107       | 23.92%          | 3.074%        |
| 9         | 7.445       | 906           | 911         | 914          | rBV      | 2656926        | 2346899       | 47.78%          | 6.139%        |
| 10        | 8.063       | 1013          | 1016        | 1026         | rBV      | 476036         | 441839        | 8.99%           | 1.156%        |
| 11        | 8.169       | 1029          | 1034        | 1037         | rBV      | 1862593        | 1634281       | 33.27%          | 4.275%        |
| 12        | 9.245       | 1212          | 1217        | 1220         | rBV      | 4874650        | 4709515       | 95.87%          | 12.319%       |
| 13        | 9.922       | 1328          | 1332        | 1342         | rBV      | 2218598        | 1865388       | 37.97%          | 4.879%        |
| 14        | 10.704      | 1462          | 1465        | 1478         | rBV      | 736184         | 675737        | 13.76%          | 1.768%        |
| 15        | 11.404      | 1580          | 1584        | 1588         | rBV      | 2140454        | 1860156       | 37.87%          | 4.866%        |
| 16        | 11.798      | 1648          | 1651        | 1654         | rBV      | 73416          | 59573         | 1.21%           | 0.156%        |
| 17        | 12.616      | 1787          | 1790        | 1794         | rVB      | 80683          | 67652         | 1.38%           | 0.177%        |
| 18        | 12.845      | 1824          | 1829        | 1831         | rBV      | 69827          | 62279         | 1.27%           | 0.163%        |
| 19        | 12.992      | 1849          | 1854        | 1857         | rBV      | 4719522        | 4342312       | 88.40%          | 11.358%       |
| 20        | 13.892      | 2003          | 2007        | 2017         | rBV3     | 63218          | 112968        | 2.30%           | 0.295%        |
| 21        | 14.039      | 2026          | 2032        | 2036         | rBV      | 1370863        | 1239999       | 25.24%          | 3.243%        |
| 22        | 15.163      | 2220          | 2223        | 2227         | rBV      | 77371          | 87234         | 1.78%           | 0.228%        |
| 23        | 15.516      | 2278          | 2283        | 2288         | rBV      | 1008604        | 1230295       | 25.04%          | 3.218%        |
| 24        | 15.751      | 2320          | 2323        | 2329         | rVB5     | 42849          | 59455         | 1.21%           | 0.156%        |
| 25        | 15.992      | 2360          | 2364        | 2373         | rVB      | 68826          | 100928        | 2.05%           | 0.264%        |
| 26        | 16.804      | 2497          | 2502        | 2509         | rBV3     | 112032         | 204340        | 4.16%           | 0.534%        |
| 27        | 17.115      | 2551          | 2555        | 2561         | rVB2     | 34958          | 70301         | 1.43%           | 0.184%        |
| 28        | 17.310      | 2583          | 2588        | 2593         | rBV7     | 21896          | 50467         | 1.03%           | 0.132%        |
| 29        | 17.374      | 2595          | 2599        | 2604         | rVB8     | 29697          | 51270         | 1.04%           | 0.134%        |
| 30        | 17.639      | 2637          | 2644        | 2651         | rBV8     | 29061          | 75968         | 1.55%           | 0.199%        |
| 31        | 18.262      | 2745          | 2750        | 2758         | rBV9     | 21671          | 54422         | 1.11%           | 0.142%        |

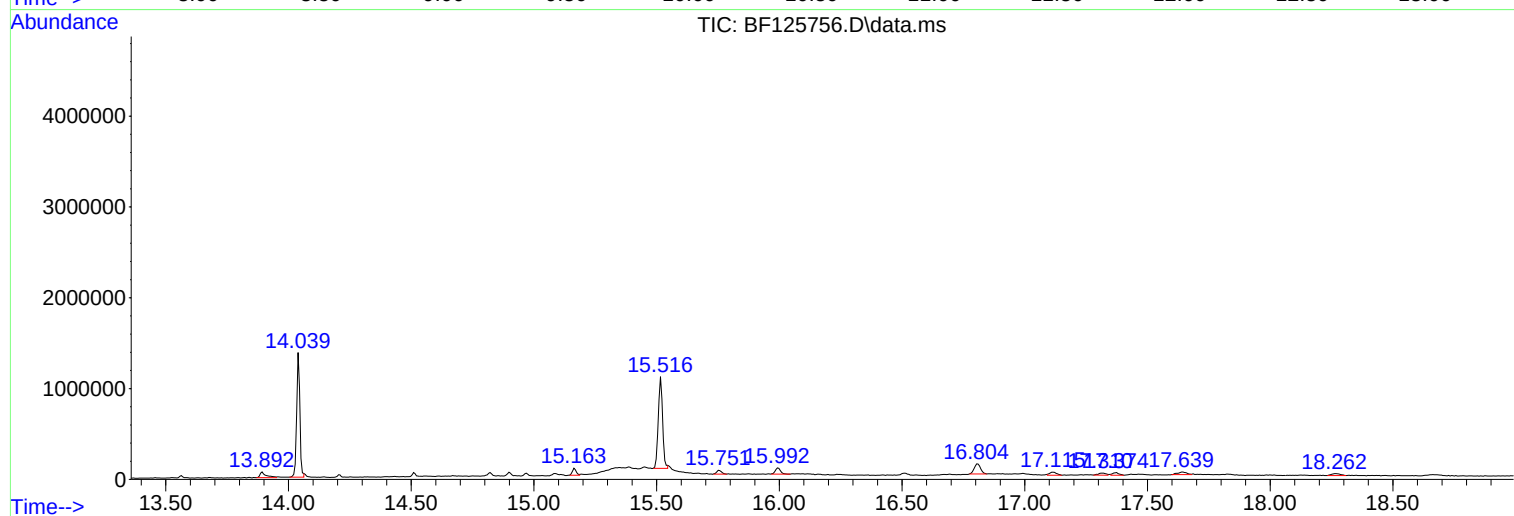
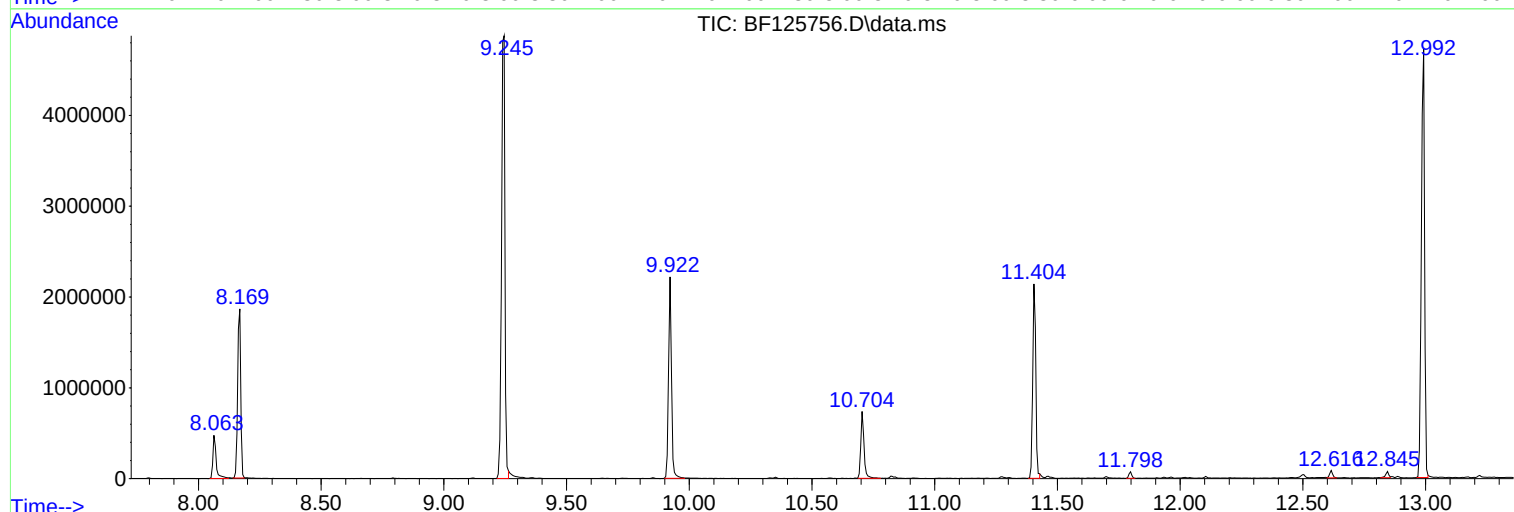
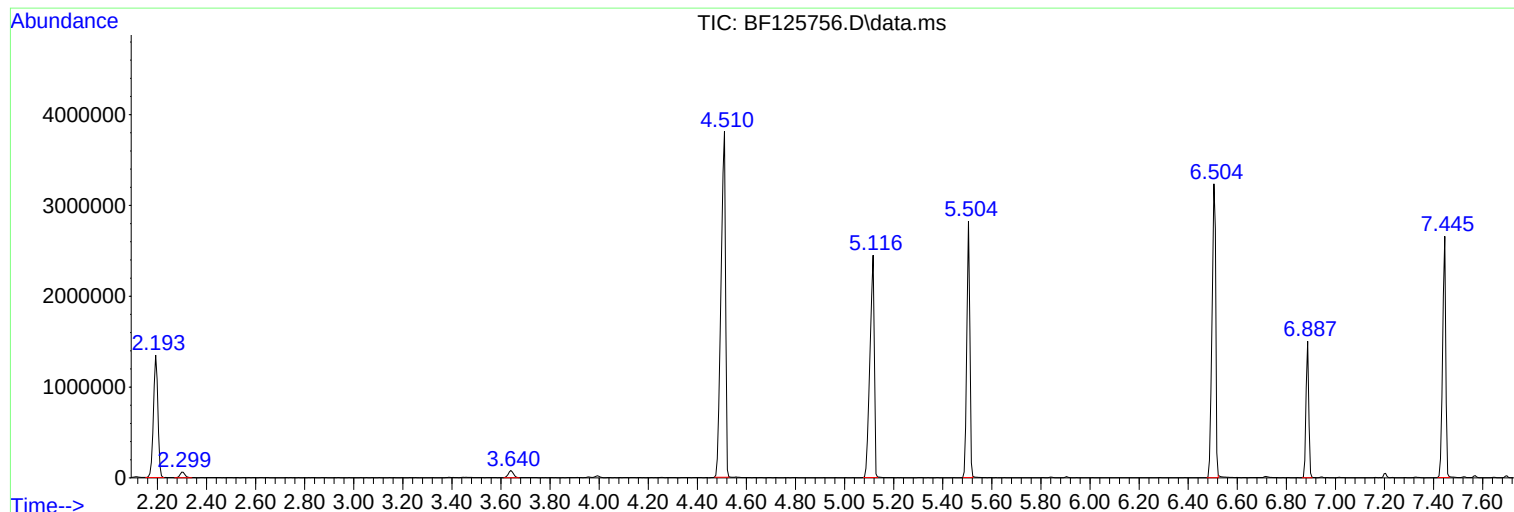
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-SIDEWALK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.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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BNA\_F  
ClientSampleId :  
MW-SIDEWALK

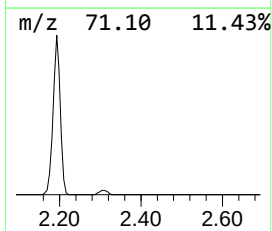
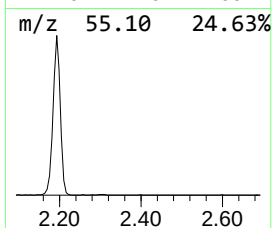
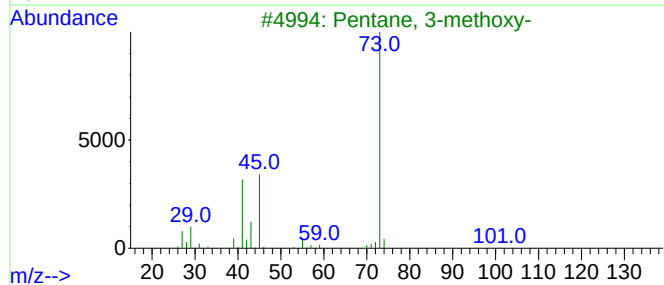
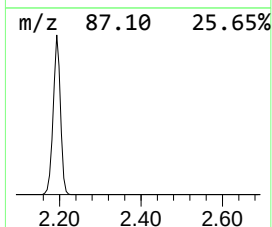
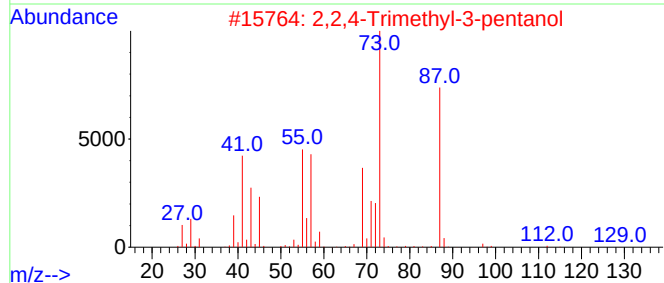
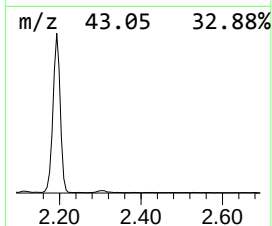
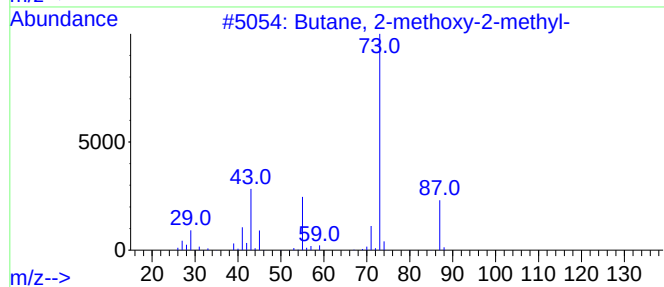
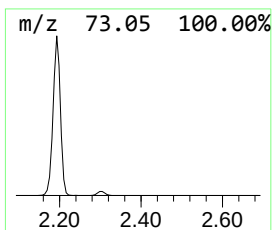
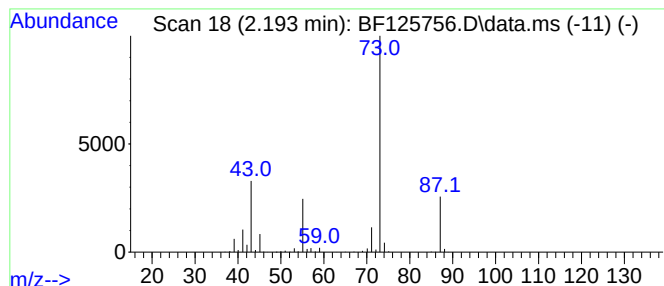
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 3

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.193 | 28.85 ng | 1694820 | 1,4-Dichlorobenzene-d4 | 6.887 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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BNA\_F  
ClientSampleId :  
MW-SIDEWALK

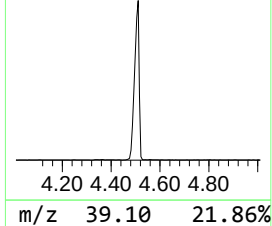
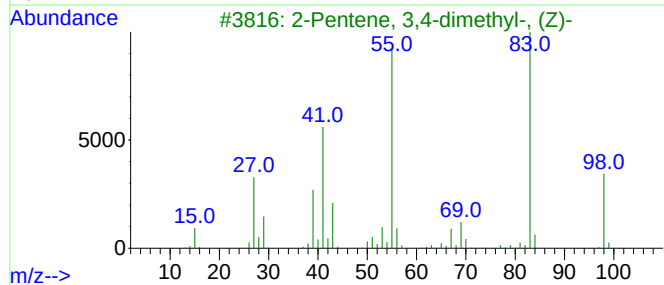
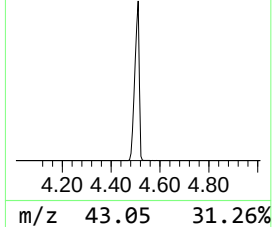
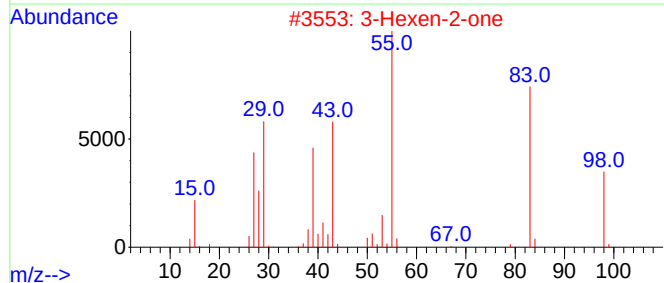
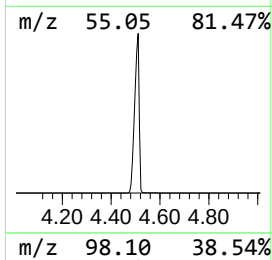
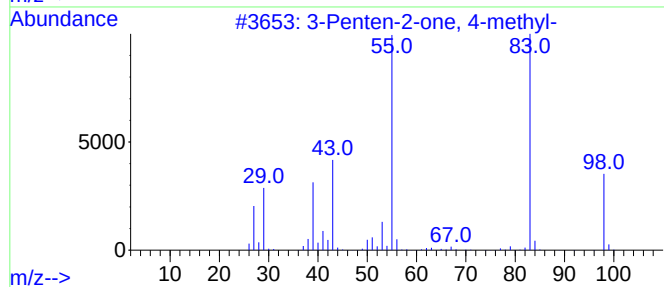
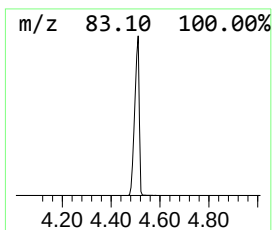
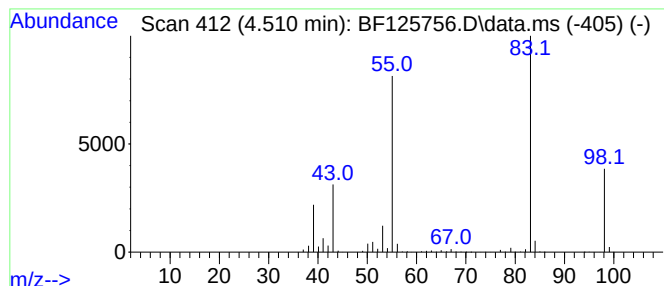
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
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TIC Library : C:\Database\NIST20.L  
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Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 4.510 | 83.61 ng | 4912390 | 1,4-Dichlorobenzene-d4 | 6.887 |

| Hit# | of | 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|----|---------|-------------|------|
| 1    |    |   | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 91   |
| 2    |    |   | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 91   |
| 3    |    |   | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14   | 004914-91-4 | 86   |
| 4    |    |   | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 86   |
| 5    |    |   | 2-Pentene, 2,3-dimethyl-       | 98 | C7H14   | 010574-37-5 | 78   |



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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-SIDEWALK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

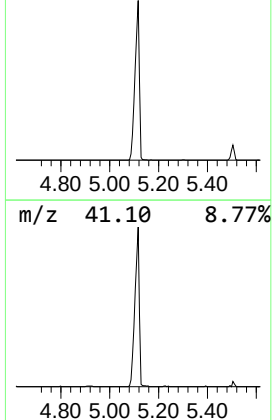
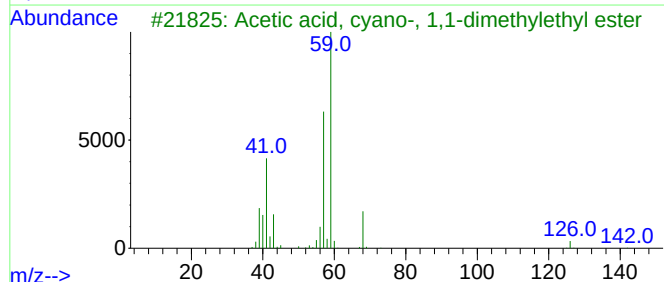
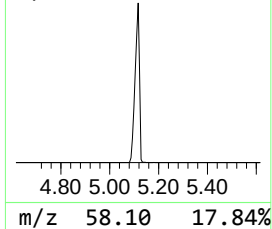
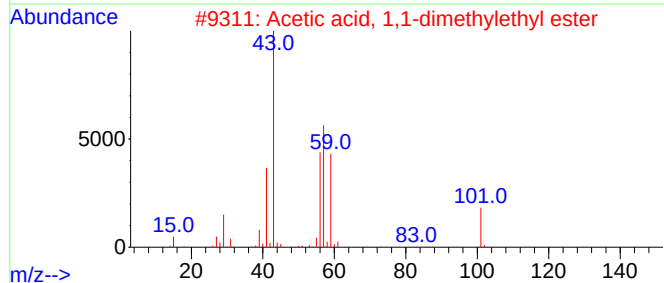
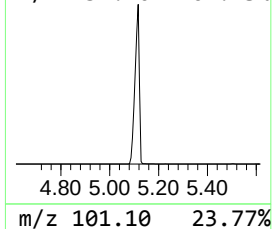
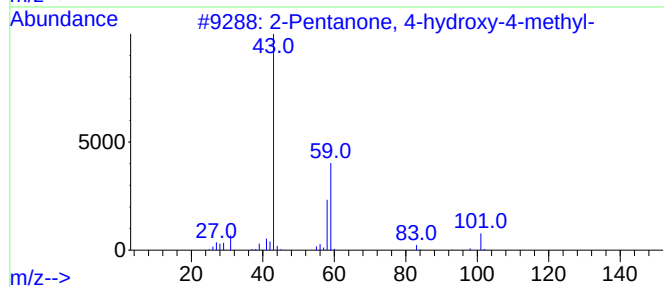
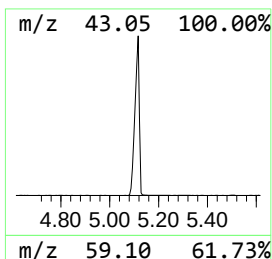
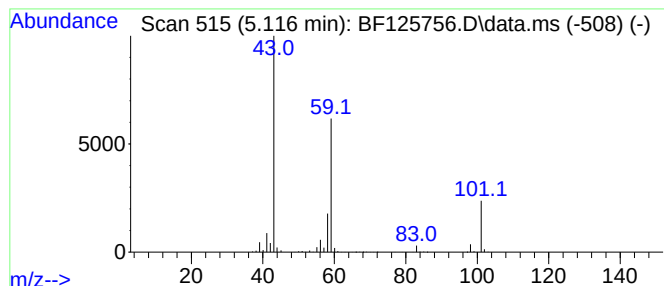
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.  |
|-------|----------|---------|------------------------|-------|
| 5.116 | 51.67 ng | 3035950 | 1,4-Dichlorobenzene-d4 | 6.887 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 4    |    |   | Acetone                             | 58  | C3H6O    | 000067-64-1 | 9    |
| 5    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2  | 016504-58-8 | 9    |



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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-SIDEWALK

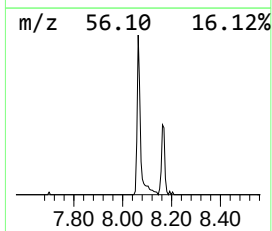
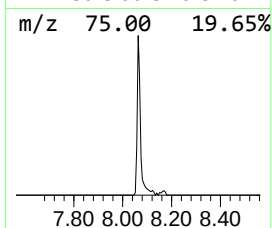
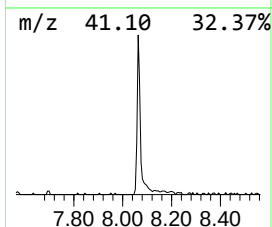
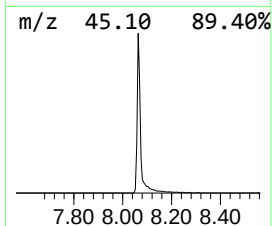
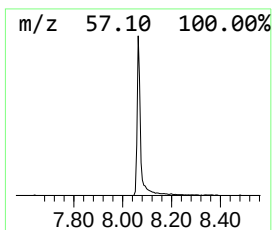
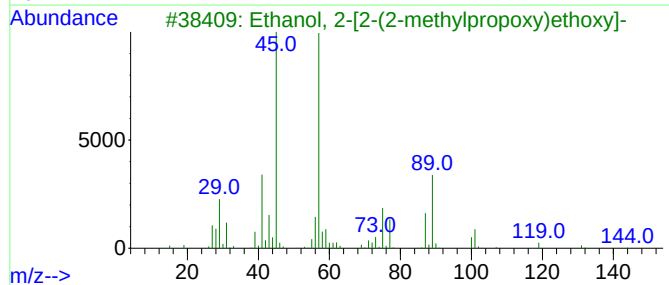
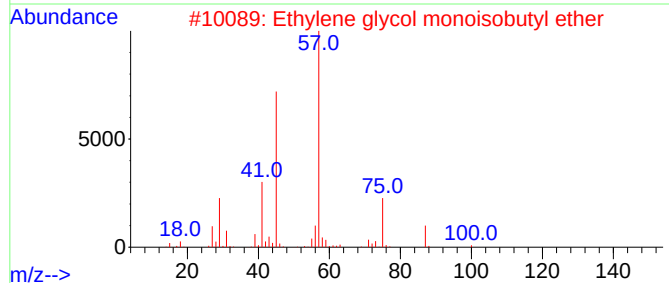
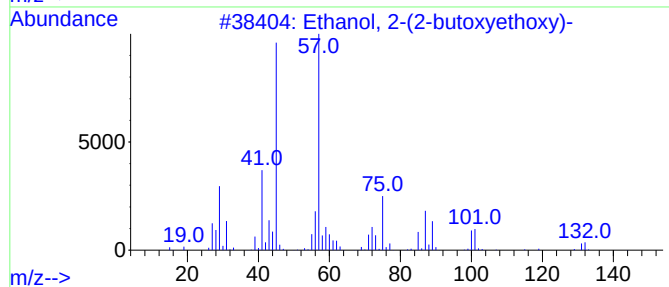
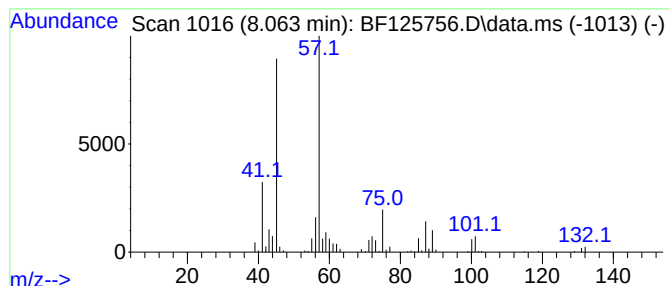
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
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Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.063 | 5.41 ng | 441839 | Naphthalene-d8   | 8.169 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 64   |
| 3    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 56   |
| 4    |    |   | Methoxyacetic acid, butyl ester     | 146 | C7H14O3 | 017640-22-1 | 53   |
| 5    |    |   | Di-sec-Butyl ether                  | 130 | C8H18O  | 006863-58-7 | 50   |



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MW-SIDEWALK

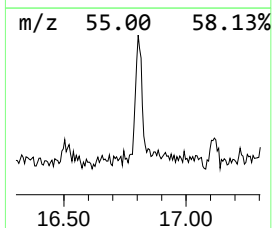
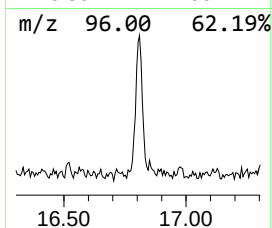
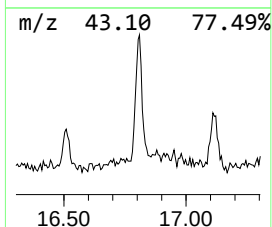
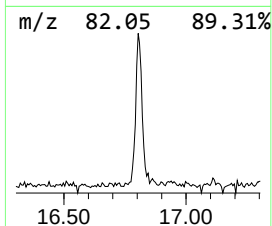
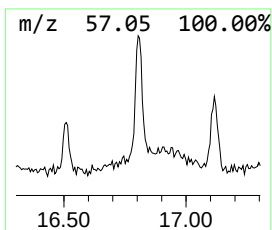
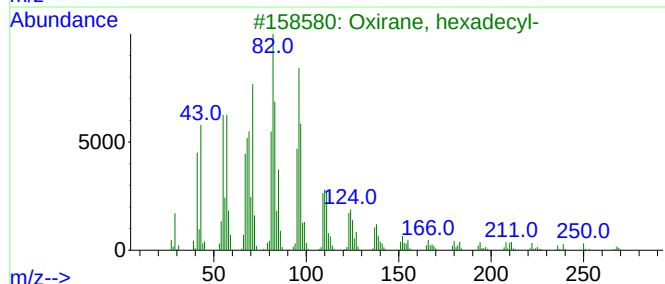
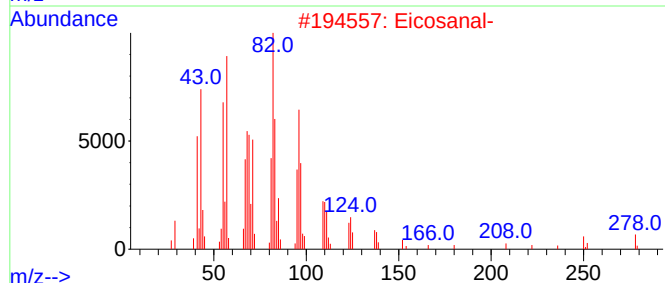
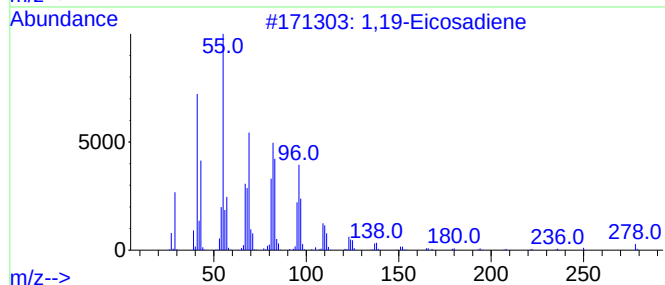
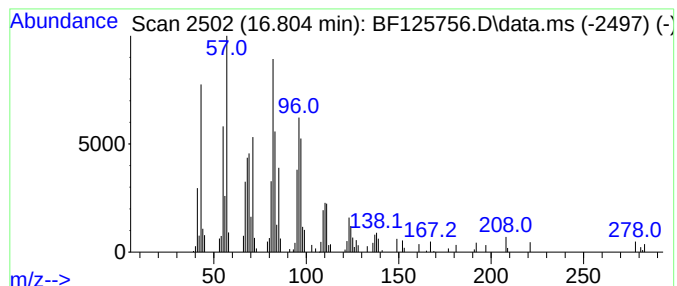
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 1,19-Eicosadiene Concentration Rank 5

| R.T.      | EstConc              | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------|--------|------------------|-------------|------|
| 16.804    | 3.32 ng              | 204340 | Perylene-d12     | 15.515      |      |
| Hit# of 5 | Tentative ID         | MW     | MolForm          | CAS#        | Qual |
| 1         | 1,19-Eicosadiene     | 278    | C20H38           | 014811-95-1 | 91   |
| 2         | Eicosanal-           | 296    | C20H40O          | 002400-66-0 | 87   |
| 3         | Oxirane, hexadecyl-  | 268    | C18H36O          | 007390-81-0 | 86   |
| 4         | Octadecanal          | 268    | C18H36O          | 000638-66-4 | 83   |
| 5         | Oxirane, heptadecyl- | 282    | C19H38O          | 067860-04-2 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100121\  
Data File : BF125756.D  
Acq On : 1 Oct 2021 17:11  
Operator : JU/CG  
Sample : M4008-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-SIDEWALK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.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... | 2.193  | 28.8    | ng    | 1694820  | 1                     | 6.887  | 1175110 | 20.0 |
| 3-Penten-2-one,... | 4.510  | 83.6    | ng    | 4912390  | 1                     | 6.887  | 1175110 | 20.0 |
| 2-Pentanone, 4-... | 5.116  | 51.7    | ng    | 3035950  | 1                     | 6.887  | 1175110 | 20.0 |
| Ethanol, 2-(2-b... | 8.063  | 5.4     | ng    | 441839   | 2                     | 8.169  | 1634280 | 20.0 |
| 1,19-Eicosadiene   | 16.804 | 3.3     | ng    | 204340   | 6                     | 15.515 | 1230300 | 20.0 |