

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090225\  
Data File : BP025653.D  
Acq On : 03 Sep 2025 01:09  
Operator : CG/JU  
Sample : Q2996-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CONTAINMENT-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025653.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         | 3.031       | 11            | 16          | 21           | rBV      | 510831         | 648661        | 19.79%          | 2.987%        |
| 2         | 4.937       | 334           | 340         | 349          | rVB      | 168994         | 244665        | 7.46%           | 1.127%        |
| 3         | 5.402       | 412           | 419         | 429          | rBV      | 1220182        | 1902788       | 58.05%          | 8.761%        |
| 4         | 6.961       | 675           | 684         | 698          | rVB      | 1088541        | 1891769       | 57.71%          | 8.710%        |
| 5         | 7.772       | 815           | 822         | 828          | rBV      | 611261         | 1034810       | 31.57%          | 4.765%        |
| 6         | 8.913       | 1009          | 1016        | 1026         | rBV      | 806941         | 1356064       | 41.37%          | 6.244%        |
| 7         | 10.537      | 1284          | 1292        | 1303         | rBV      | 832340         | 1434516       | 43.76%          | 6.605%        |
| 8         | 12.307      | 1587          | 1593        | 1605         | rVB      | 112336         | 258530        | 7.89%           | 1.190%        |
| 9         | 12.672      | 1647          | 1655        | 1665         | rBV9     | 64523          | 192395        | 5.87%           | 0.886%        |
| 10        | 12.995      | 1704          | 1710        | 1720         | rBV      | 2324230        | 3277987       | 100.00%         | 15.093%       |
| 11        | 13.419      | 1778          | 1782        | 1790         | rVB      | 113948         | 170426        | 5.20%           | 0.785%        |
| 12        | 13.819      | 1845          | 1850        | 1856         | rBV2     | 137028         | 253497        | 7.73%           | 1.167%        |
| 13        | 14.219      | 1914          | 1918        | 1927         | rVB6     | 159081         | 335690        | 10.24%          | 1.546%        |
| 14        | 14.390      | 1941          | 1947        | 1956         | rVB      | 1388157        | 1978915       | 60.37%          | 9.112%        |
| 15        | 15.125      | 2068          | 2072        | 2077         | rBV6     | 159127         | 385342        | 11.76%          | 1.774%        |
| 16        | 15.195      | 2081          | 2084        | 2090         | rVB      | 567643         | 816155        | 24.90%          | 3.758%        |
| 17        | 15.901      | 2200          | 2204        | 2211         | rBV2     | 1494116        | 2429623       | 74.12%          | 11.187%       |
| 18        | 16.166      | 2242          | 2249        | 2253         | rBV2     | 1526042        | 3106681       | 94.77%          | 14.304%       |

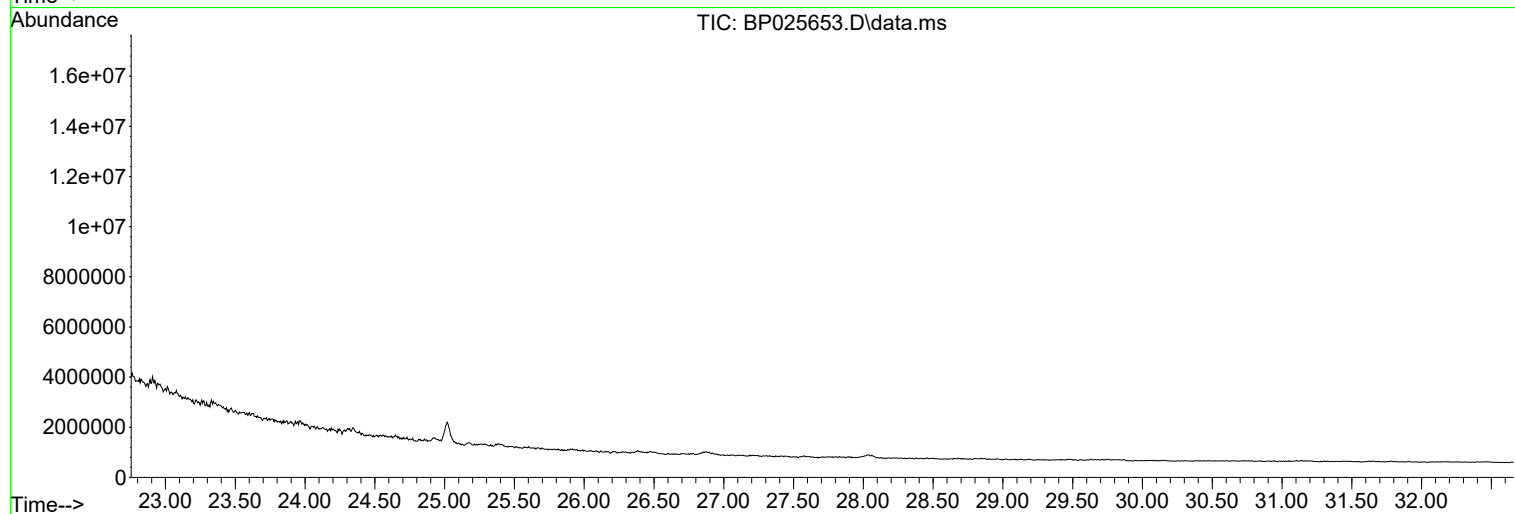
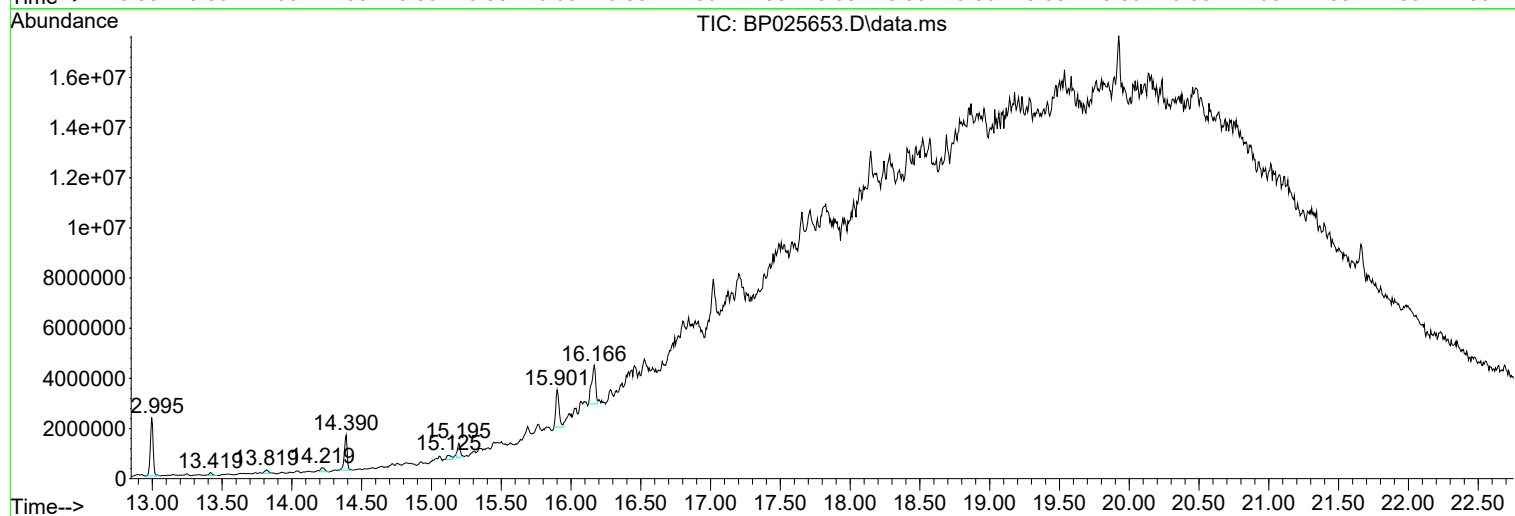
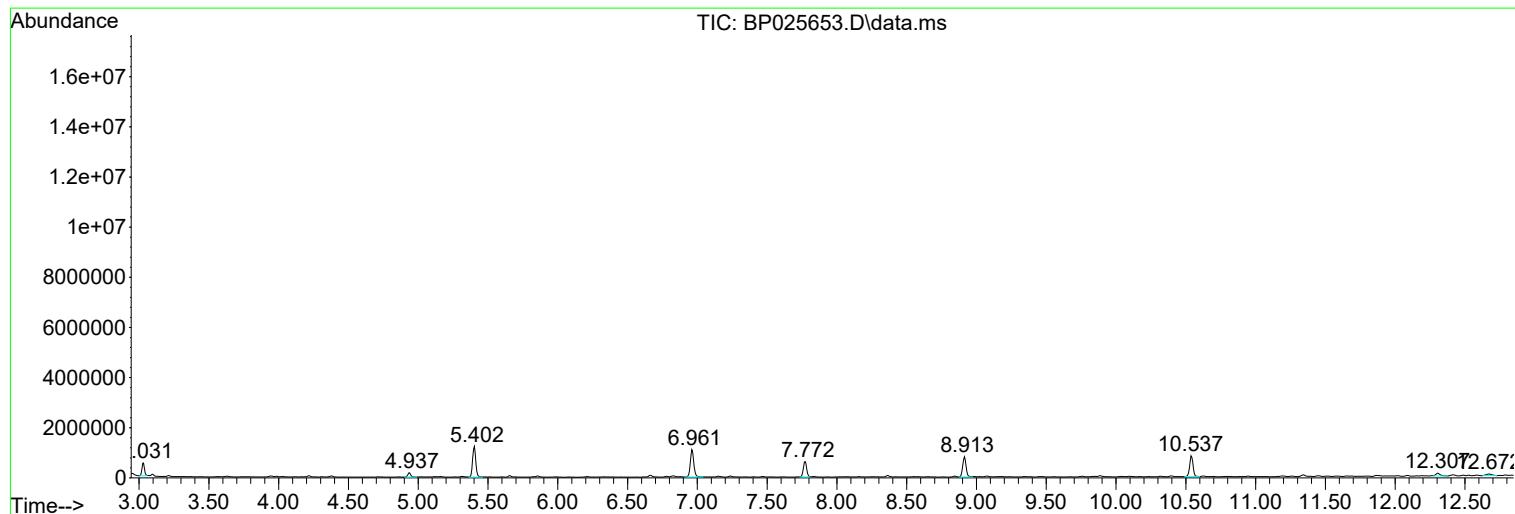
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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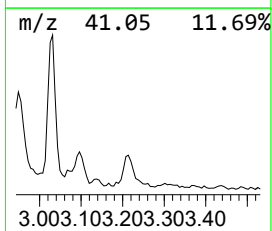
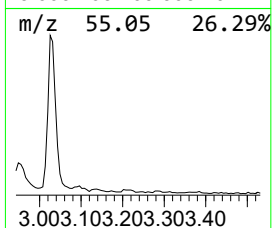
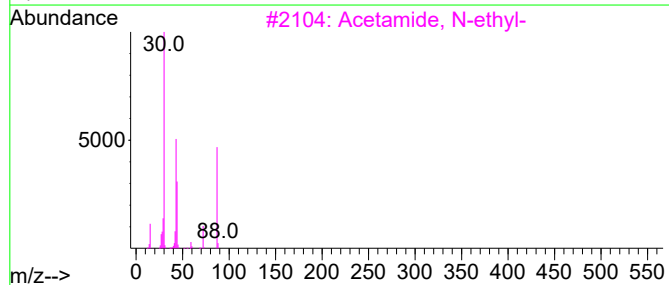
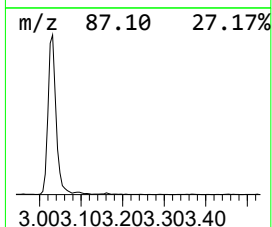
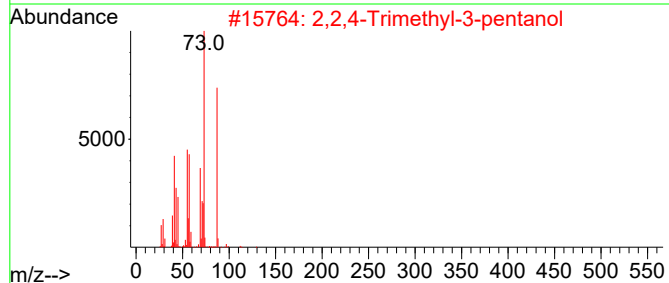
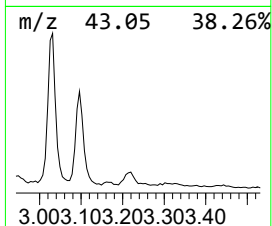
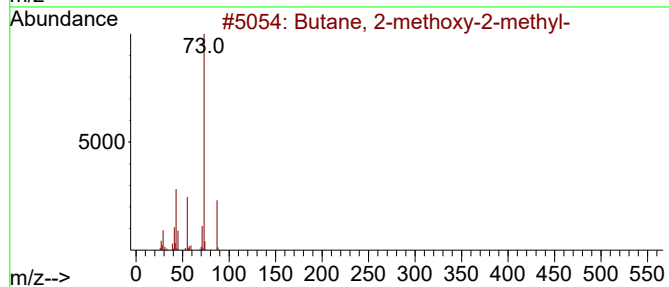
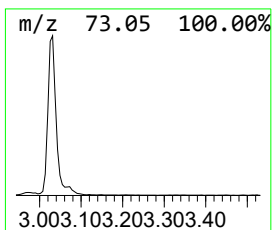
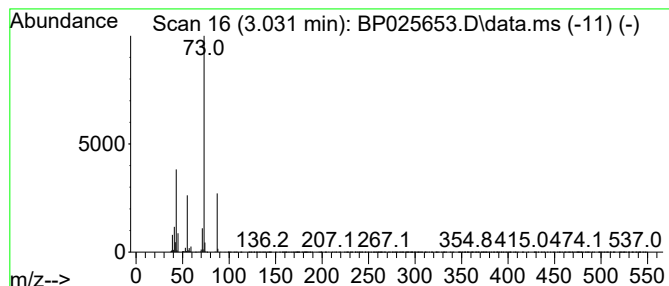
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 2

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.031 | 12.54 ng | 648661 | 1,4-Dichlorobenzene-d4 | 7.772 |

| 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 | 38   |
| 3    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 25   |
| 4    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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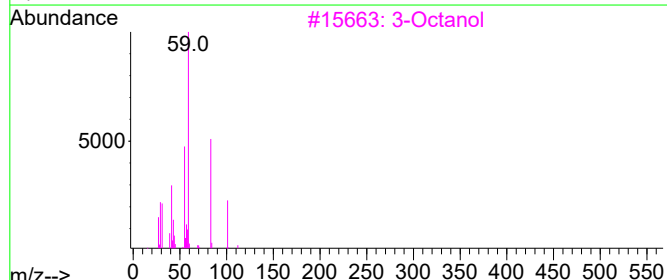
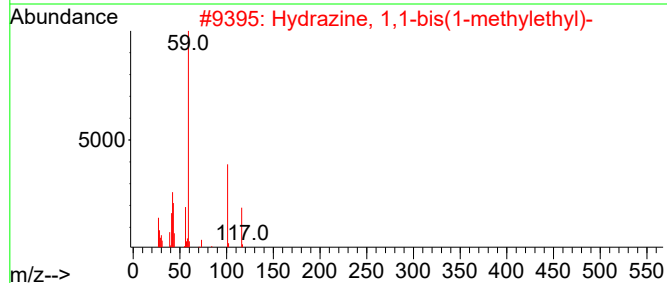
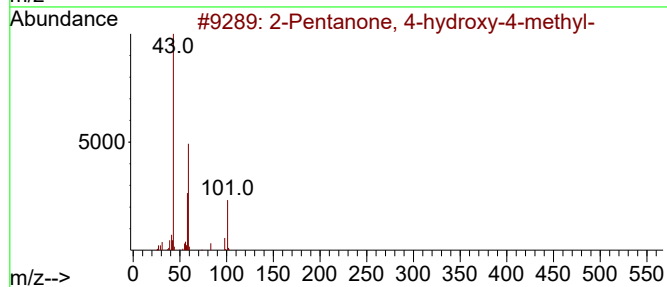
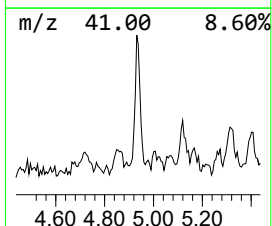
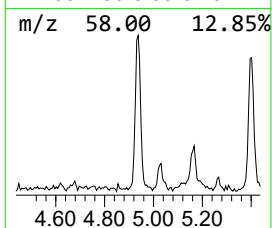
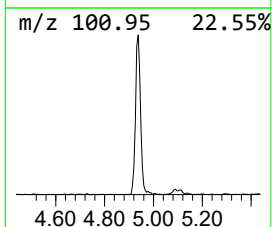
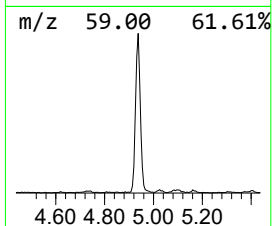
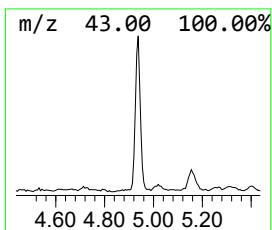
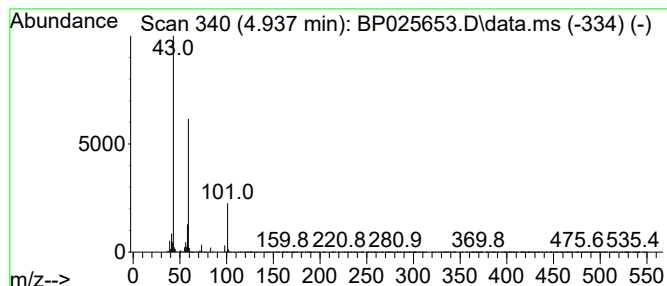
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.937 | 4.73 ng | 244665 | 1,4-Dichlorobenzene-d4 | 7.772 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2  | 64      |      |      |
| 2    | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2      | 000921-14-2  | 33      |      |      |
| 3    | 3-Octanol                           | 130 | C8H18O       | 000589-98-0  | 33      |      |      |
| 4    | Propane, 1-ethoxy-2-methyl-         | 102 | C6H14O       | 000627-02-1  | 25      |      |      |
| 5    | Methyl 2,5,8,11-tetraoxatridecan... | 236 | C10H20O6     | 1000366-78-2 | 23      |      |      |



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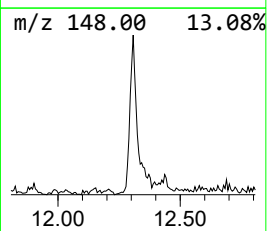
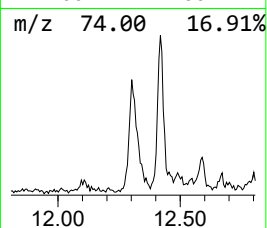
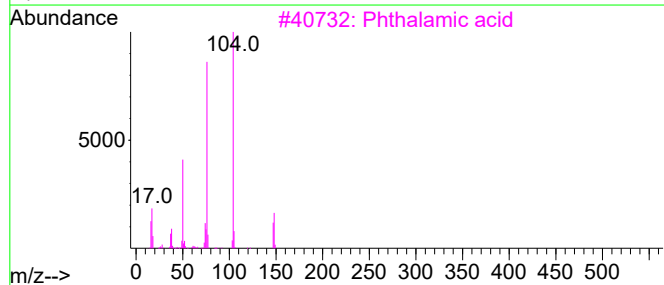
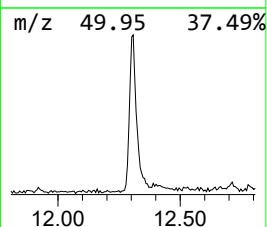
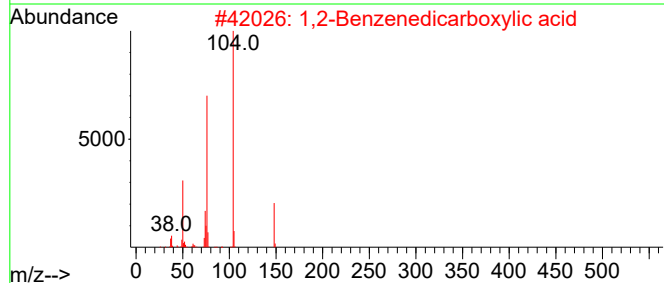
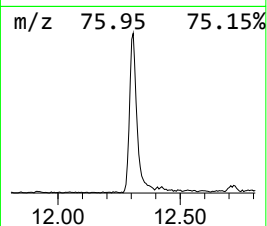
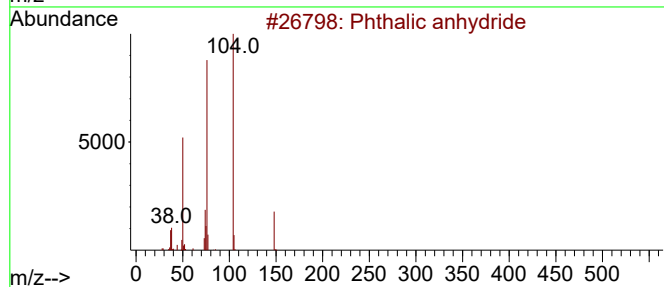
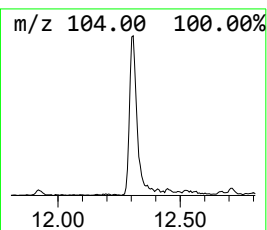
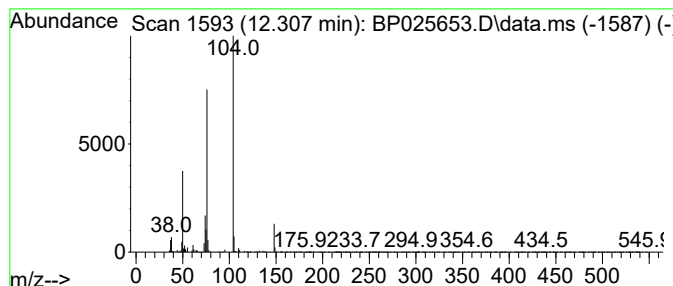
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Phthalic anhydride Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.307 | 3.60 ng | 258530 | Naphthalene-d8   | 10.537 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------|-----|----------|-------------|------|
| 1    |    |   | Phthalic anhydride             | 148 | C8H4O3   | 000085-44-9 | 95   |
| 2    |    |   | 1,2-Benzenedicarboxylic acid   | 166 | C8H6O4   | 000088-99-3 | 90   |
| 3    |    |   | Phthalamic acid                | 165 | C8H7NO3  | 000088-97-1 | 90   |
| 4    |    |   | Phthalic acid, monoethyl ester | 194 | C10H10O4 | 002306-33-4 | 78   |
| 5    |    |   | Ninhydrin                      | 178 | C9H6O4   | 000485-47-2 | 78   |



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Instrument :  
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CONTAINMENT-A

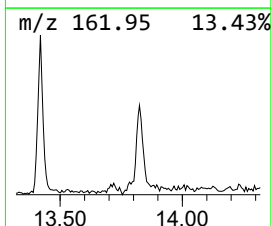
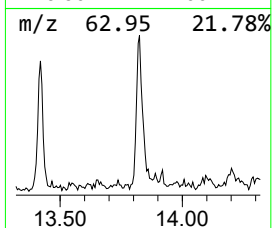
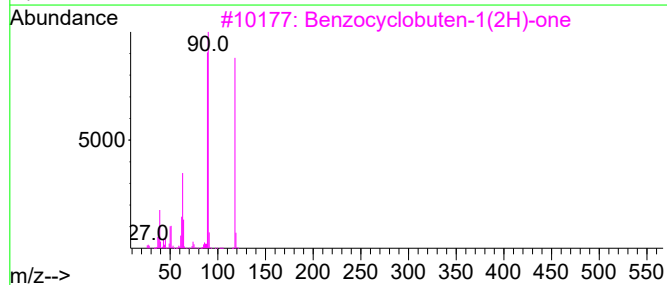
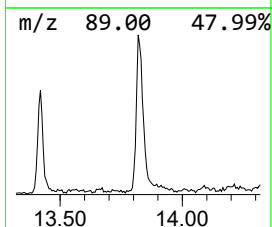
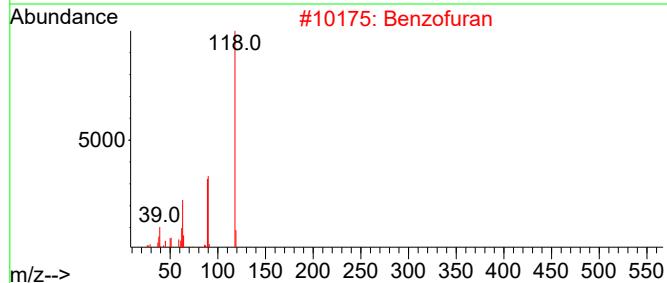
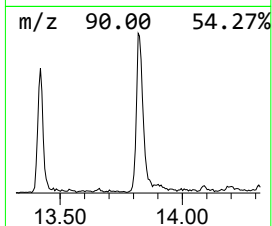
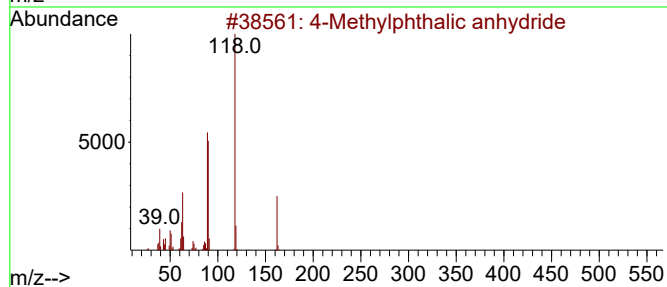
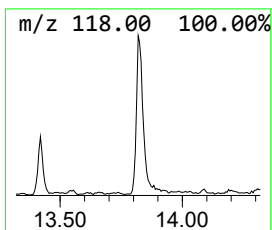
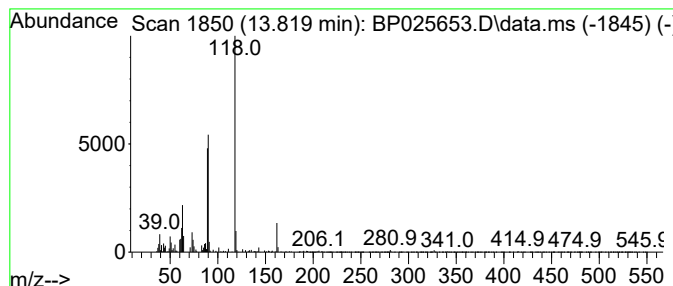
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Peak Number 4 4-Methylphthalic anhydride Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.819 | 2.56 ng | 253497 | Acenaphthene-d10 | 14.390 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 4-Methylphthalic anhydride          | 162 | C9H6O3  | 019438-61-0 | 96   |
| 2    |    |   | Benzofuran                          | 118 | C8H6O   | 000271-89-6 | 93   |
| 3    |    |   | Benzocyclobuten-1(2H)-one           | 118 | C8H6O   | 003469-06-5 | 90   |
| 4    |    |   | 1,2-Benzenedicarboxylic acid, 4-... | 180 | C9H8O4  | 004316-23-8 | 78   |
| 5    |    |   | Coumarin                            | 146 | C9H6O2  | 000091-64-5 | 78   |



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CONTAINMENT-A

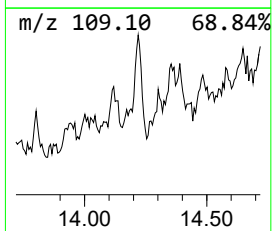
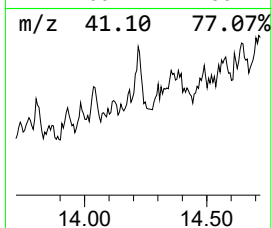
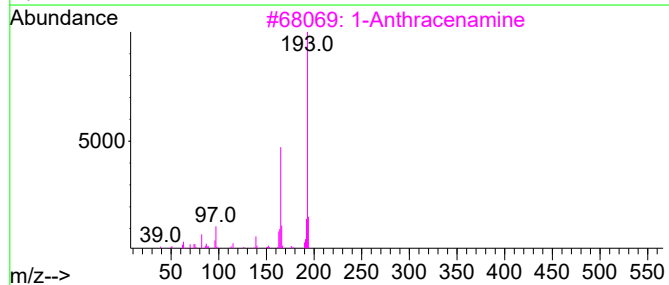
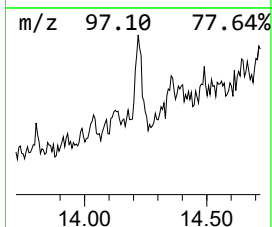
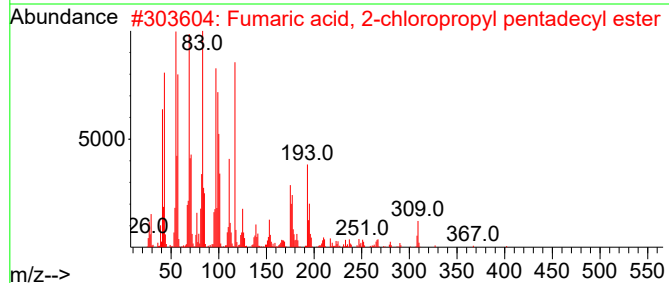
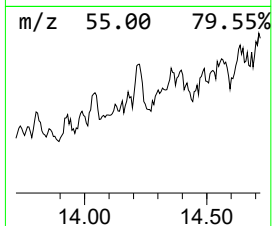
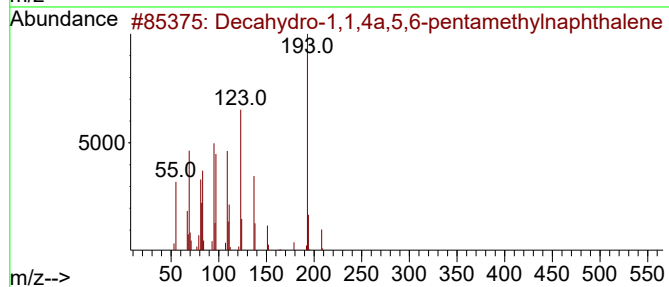
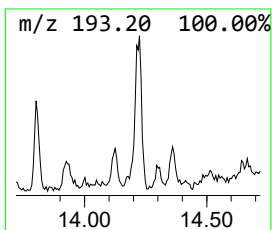
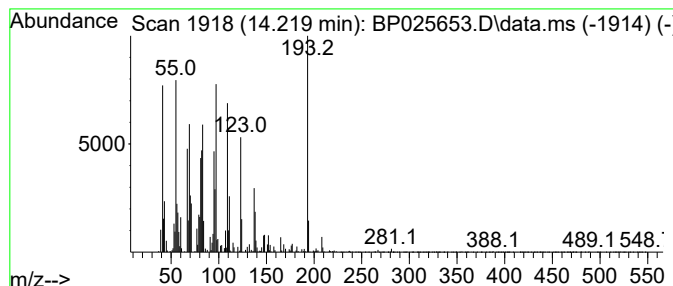
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\*\*\*\*\*  
Peak Number 5 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.219 | 3.39 ng | 335690 | Acenaphthene-d10 | 14.390 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28     | 080655-44-3  | 70   |
| 2    |    |   | Fumaric acid, 2-chloropropyl pen... | 402 | C22H39ClO4 | 1000348-57-2 | 53   |
| 3    |    |   | 1-Anthracenamine                    | 193 | C14H11N    | 000610-49-1  | 35   |
| 4    |    |   | Cyclohexanecarboxylic acid, 4-pe... | 292 | C18H25FO2  | 079912-83-7  | 27   |
| 5    |    |   | 1-(p-Fluorophenyl)-4-piperidone     | 193 | C11H12FNO  | 1000238-56-7 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090225\  
Data File : BP025653.D  
Acq On : 03 Sep 2025 01:09  
Operator : CG/JU  
Sample : Q2996-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CONTAINMENT-A

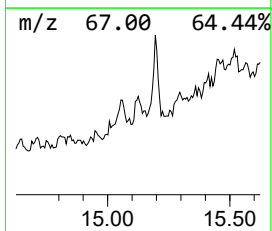
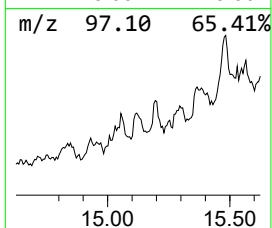
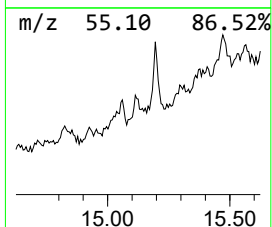
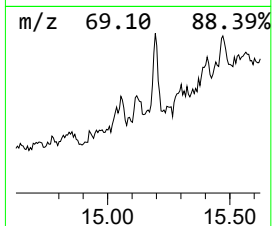
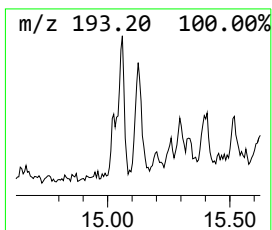
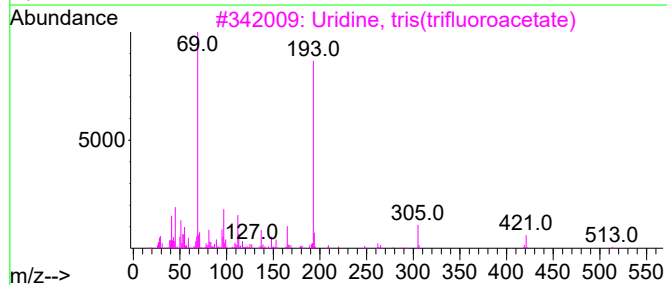
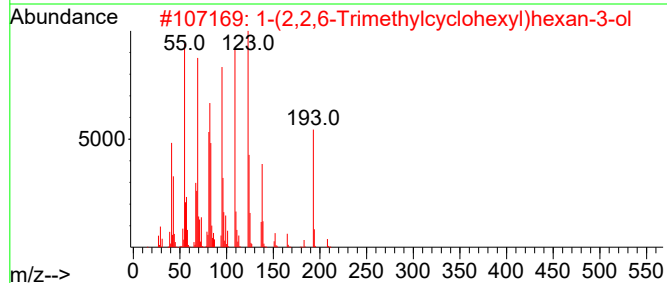
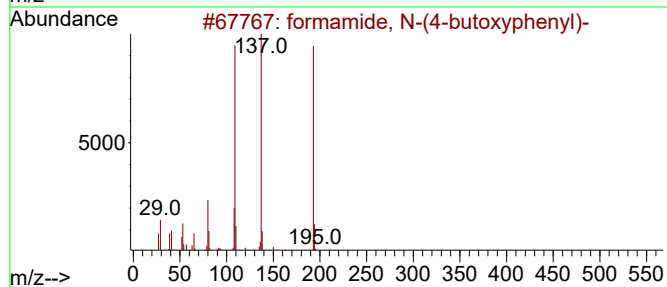
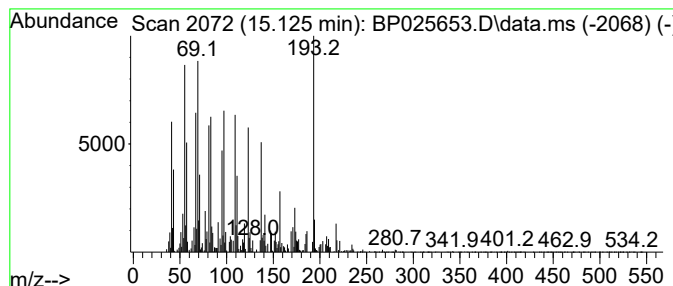
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 unknown15.125 Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.125 | 3.89 ng | 385342 | Acenaphthene-d10 | 14.390 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | formamide, N-(4-butoxyphenyl)-      | 193 | C11H15NO2   | 1000400-28-0 | 30   |
| 2    |    |   | 1-(2,2,6-Trimethylcyclohexyl)hex... | 226 | C15H30O     | 070788-30-6  | 27   |
| 3    |    |   | Uridine, tris(trifluoroacetate)     | 532 | C15H9F9N2O9 | 1000380-30-5 | 18   |
| 4    |    |   | [1,1'-Biphenyl]-4-acetonitrile      | 193 | C14H11N     | 031603-77-7  | 15   |
| 5    |    |   | Benzenamine, 3-ethoxy-              | 137 | C8H11NO     | 000621-33-0  | 15   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090225\  
Data File : BP025653.D  
Acq On : 03 Sep 2025 01:09  
Operator : CG/JU  
Sample : Q2996-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CONTAINMENT-A

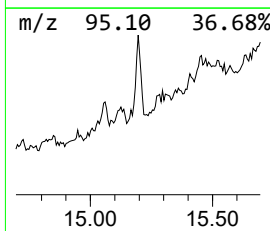
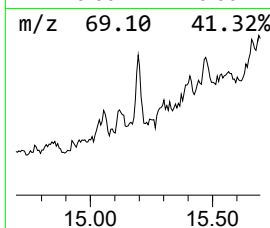
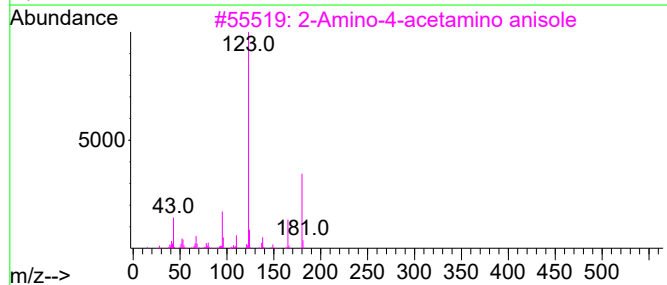
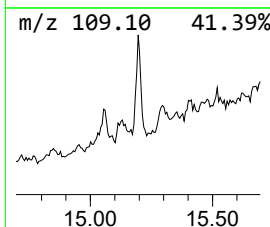
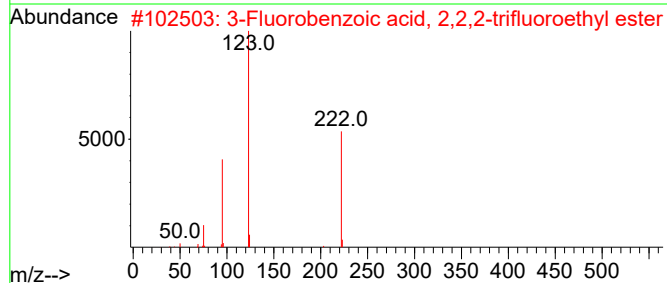
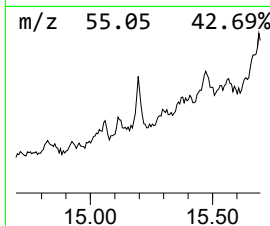
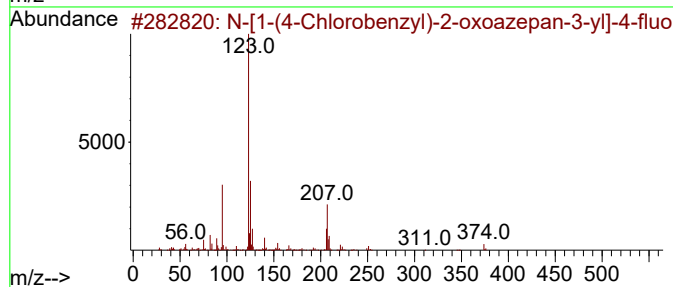
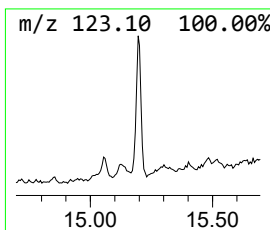
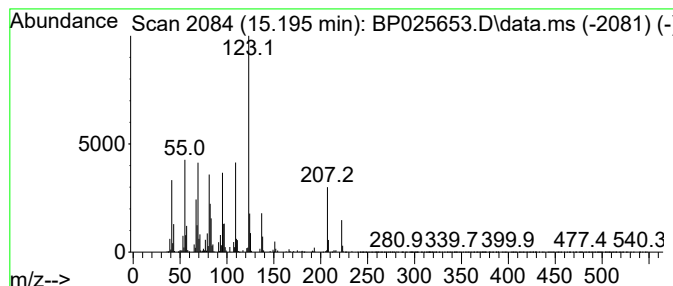
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 unknown15.195 Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.195 | 8.25 ng | 816155 | Acenaphthene-d10 | 14.390 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------------|--------------|------|
| 1    |    |   | N-[1-(4-Chlorobenzyl)-2-oxoazepa... | 374 | C20H20ClFN2O2 | 1000481-70-9 | 47   |
| 2    |    |   | 3-Fluorobenzoic acid, 2,2,2-trif... | 222 | C9H6F4O2      | 1000325-53-8 | 46   |
| 3    |    |   | 2-Amino-4-acetamino anisole         | 180 | C9H12N2O2     | 006375-47-9  | 46   |
| 4    |    |   | 4-Fluorobenzoic acid, 2,2,2-trif... | 222 | C9H6F4O2      | 1000325-53-2 | 43   |
| 5    |    |   | Ethanone, 1-[3-[2-methyl-2-(5-me... | 222 | C13H18O3      | 080114-28-9  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090225\  
Data File : BP025653.D  
Acq On : 03 Sep 2025 01:09  
Operator : CG/JU  
Sample : Q2996-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

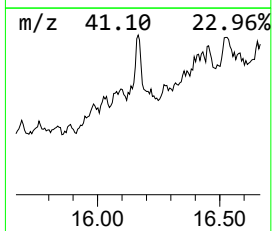
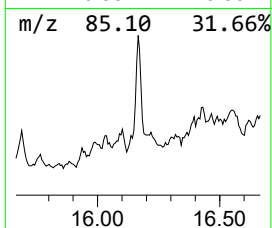
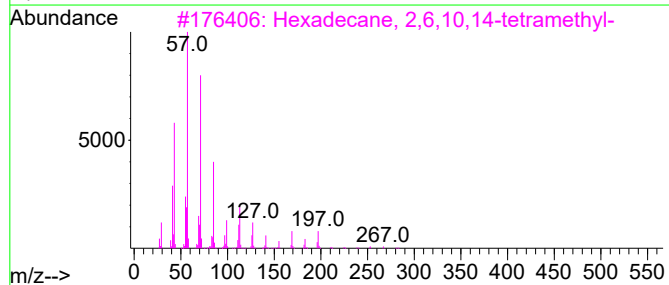
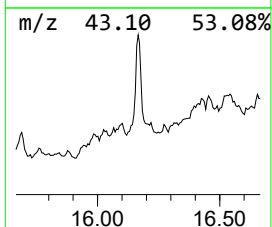
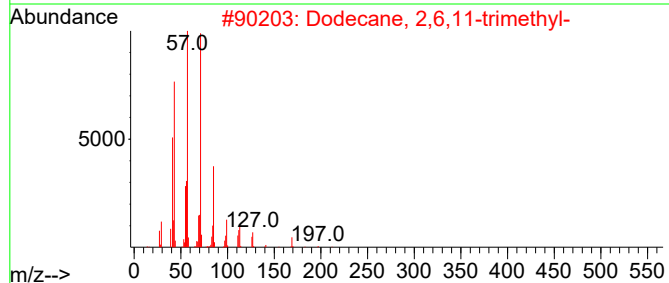
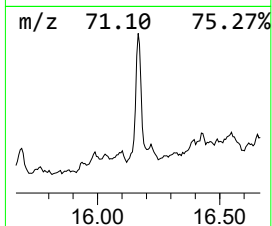
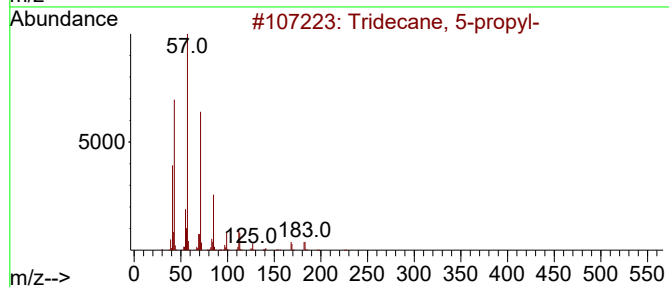
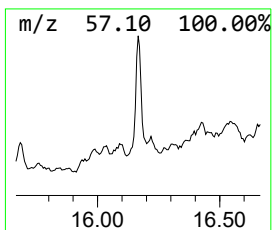
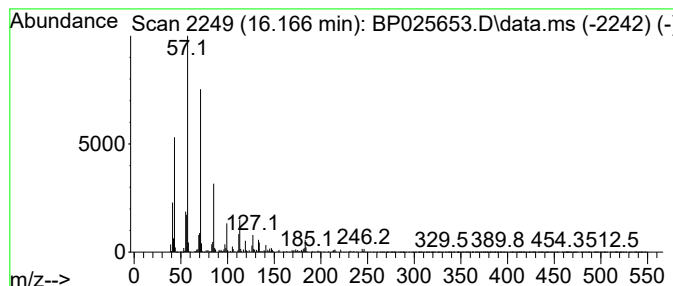
Instrument :  
BNA\_P  
ClientSampleId :  
CONTAINMENT-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.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 8 Tridecane, 5-propyl- Concentration Rank 1

| R.T.      | EstConc                            | Area    | Relative to ISTD | R.T.        |      |
|-----------|------------------------------------|---------|------------------|-------------|------|
| 16.166    | 20.00 ng                           | 3106680 | Phenanthrene-d10 | 17.195      |      |
| Hit# of 5 | Tentative ID                       | MW      | MolForm          | CAS#        | Qual |
| 1         | Tridecane, 5-propyl-               | 226     | C16H34           | 055045-11-9 | 87   |
| 2         | Dodecane, 2,6,11-trimethyl-        | 212     | C15H32           | 031295-56-4 | 81   |
| 3         | Hexadecane, 2,6,10,14-tetramethyl- | 282     | C20H42           | 000638-36-8 | 80   |
| 4         | Tridecane, 3-ethyl-                | 212     | C15H32           | 013286-73-2 | 74   |
| 5         | Undecane, 2-methyl-                | 170     | C12H26           | 007045-71-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090225\  
Data File : BP025653.D  
Acq On : 03 Sep 2025 01:09  
Operator : CG/JU  
Sample : Q2996-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CONTAINMENT-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.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... | 3.031  | 12.5    | ng    | 648661   | 1                     | 7.772  | 1034810 | 20.0 |
| 2-Pentanone, 4-... | 4.937  | 4.7     | ng    | 244665   | 1                     | 7.772  | 1034810 | 20.0 |
| Phthalic anhydride | 12.307 | 3.6     | ng    | 258530   | 2                     | 10.537 | 1434520 | 20.0 |
| 4-Methylphthali... | 13.819 | 2.6     | ng    | 253497   | 3                     | 14.390 | 1978920 | 20.0 |
| Decahydro-1,1,4... | 14.219 | 3.4     | ng    | 335690   | 3                     | 14.390 | 1978920 | 20.0 |
| unknown15.125      | 15.125 | 3.9     | ng    | 385342   | 3                     | 14.390 | 1978920 | 20.0 |
| unknown15.195      | 15.195 | 8.3     | ng    | 816155   | 3                     | 14.390 | 1978920 | 20.0 |
| Tridecane, 5-pr... | 16.166 | 20.0    | ng    | 3106680  | 4                     | 17.195 | 3106680 | 20.0 |