

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
 Data File : BF142758.D  
 Acq On : 12 Jun 2025 15:28  
 Operator : RC/JU  
 Sample : Q2287-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-SLAB

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-BF061125.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142758.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         | 4.487       | 384           | 390         | 396          | rBV      | 98399          | 145662        | 13.78%          | 1.559%        |
| 2         | 5.099       | 486           | 494         | 513          | rBV      | 200842         | 289514        | 27.39%          | 3.099%        |
| 3         | 5.504       | 558           | 563         | 576          | rBV      | 554661         | 739009        | 69.93%          | 7.910%        |
| 4         | 6.516       | 729           | 735         | 754          | rVB      | 663309         | 854388        | 80.84%          | 9.145%        |
| 5         | 6.893       | 794           | 799         | 804          | rBV      | 249946         | 314869        | 29.79%          | 3.370%        |
| 6         | 7.451       | 889           | 894         | 899          | rVB      | 461564         | 564564        | 53.42%          | 6.043%        |
| 7         | 8.075       | 993           | 1000        | 1004         | rBV      | 64179          | 83966         | 7.94%           | 0.899%        |
| 8         | 8.175       | 1010          | 1017        | 1022         | rBV      | 289290         | 354137        | 33.51%          | 3.790%        |
| 9         | 8.239       | 1023          | 1028        | 1039         | rBV      | 435562         | 558320        | 52.83%          | 5.976%        |
| 10        | 8.634       | 1090          | 1095        | 1111         | rVB      | 148742         | 205820        | 19.47%          | 2.203%        |
| 11        | 9.245       | 1194          | 1199        | 1205         | rBV      | 828815         | 1056846       | 100.00%         | 11.312%       |
| 12        | 9.328       | 1208          | 1213        | 1217         | rBV      | 25232          | 33089         | 3.13%           | 0.354%        |
| 13        | 9.645       | 1262          | 1267        | 1269         | rBV2     | 20492          | 28556         | 2.70%           | 0.306%        |
| 14        | 9.686       | 1269          | 1274        | 1280         | rVB      | 419801         | 554899        | 52.51%          | 5.939%        |
| 15        | 9.834       | 1295          | 1299        | 1301         | rBV      | 50895          | 73627         | 6.97%           | 0.788%        |
| 16        | 9.928       | 1311          | 1315        | 1320         | rVB      | 261554         | 324445        | 30.70%          | 3.473%        |
| 17        | 10.145      | 1349          | 1352        | 1356         | rBV      | 46871          | 66287         | 6.27%           | 0.709%        |
| 18        | 10.357      | 1383          | 1388        | 1391         | rBV      | 78639          | 98992         | 9.37%           | 1.060%        |
| 19        | 10.575      | 1420          | 1425        | 1431         | rBV      | 58561          | 102030        | 9.65%           | 1.092%        |
| 20        | 10.639      | 1432          | 1436        | 1443         | rVV      | 69074          | 111534        | 10.55%          | 1.194%        |
| 21        | 10.716      | 1443          | 1449        | 1456         | rVV      | 186106         | 270041        | 25.55%          | 2.890%        |
| 22        | 10.833      | 1464          | 1469        | 1477         | rBV      | 141153         | 261703        | 24.76%          | 2.801%        |
| 23        | 11.033      | 1499          | 1503        | 1510         | rBV      | 135053         | 224828        | 21.27%          | 2.406%        |
| 24        | 11.280      | 1541          | 1545        | 1547         | rBV      | 117200         | 151413        | 14.33%          | 1.621%        |
| 25        | 11.310      | 1547          | 1550        | 1555         | rVB      | 137392         | 174316        | 16.49%          | 1.866%        |
| 26        | 11.422      | 1565          | 1569        | 1572         | rBV      | 249468         | 320058        | 30.28%          | 3.426%        |
| 27        | 11.598      | 1595          | 1599        | 1602         | rBV      | 73009          | 124976        | 11.83%          | 1.338%        |
| 28        | 11.663      | 1607          | 1610        | 1614         | rVV      | 69936          | 94774         | 8.97%           | 1.014%        |
| 29        | 11.710      | 1614          | 1618        | 1621         | rVV      | 95270          | 120941        | 11.44%          | 1.294%        |
| 30        | 13.010      | 1835          | 1839        | 1846         | rVB      | 779433         | 1039344       | 98.34%          | 11.124%       |

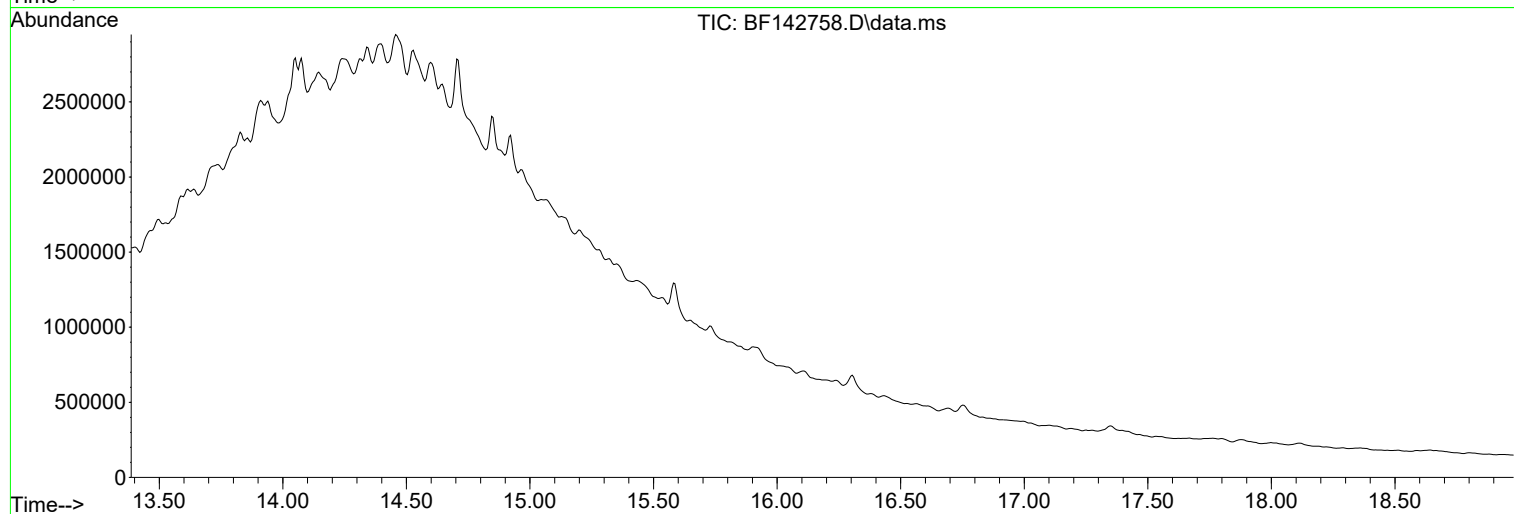
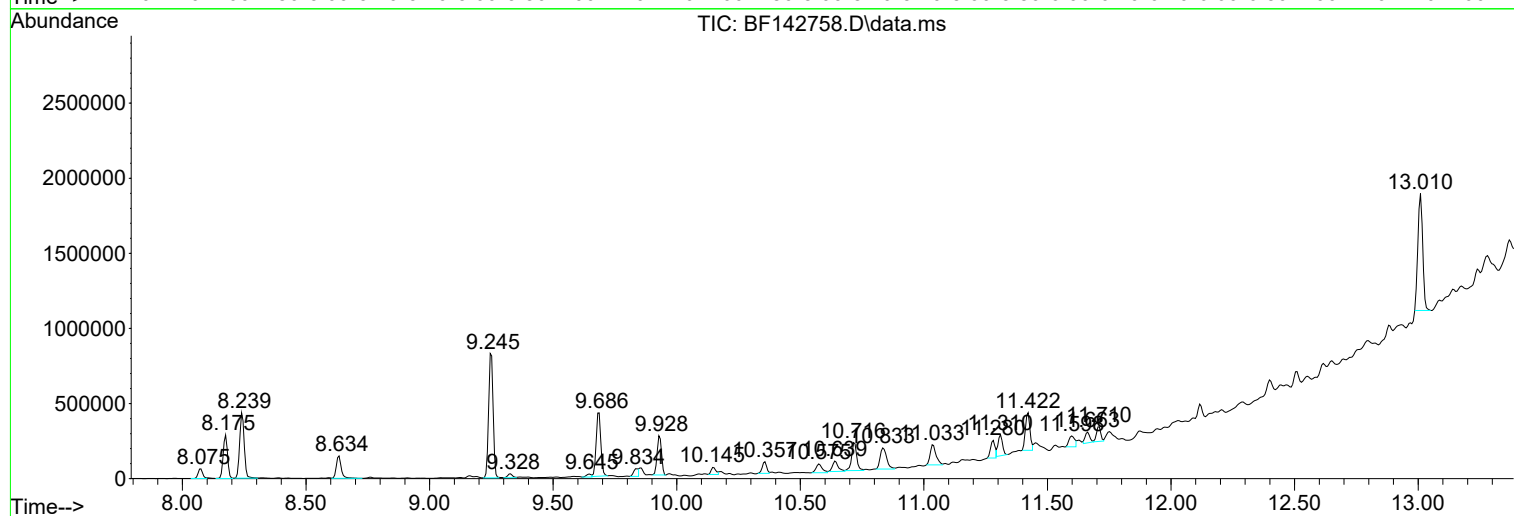
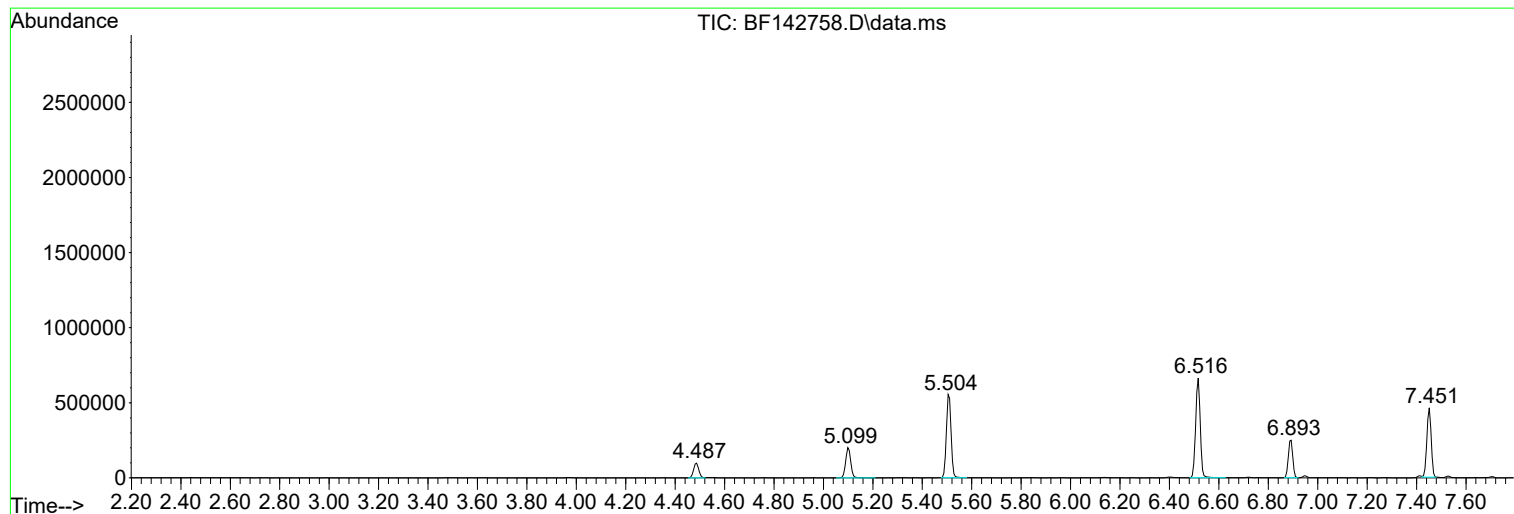
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Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.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 :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

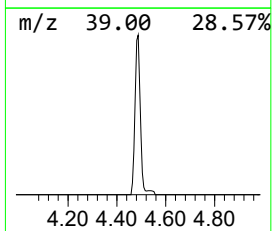
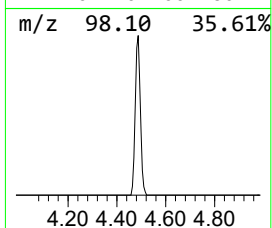
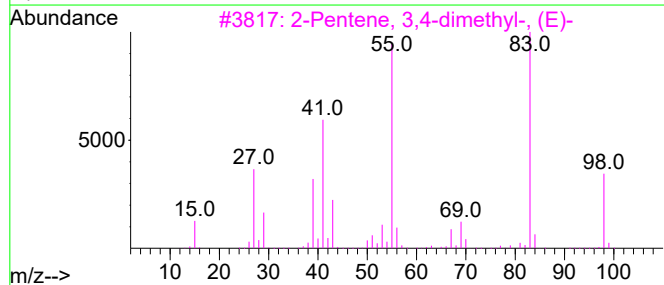
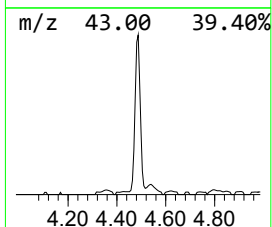
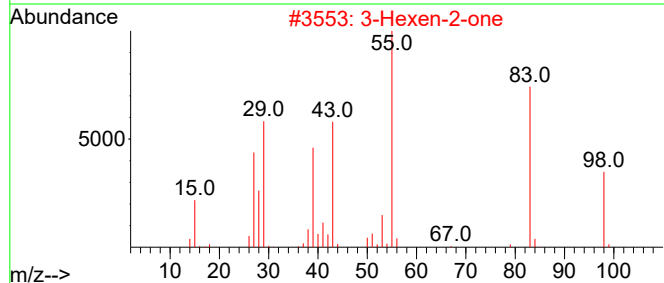
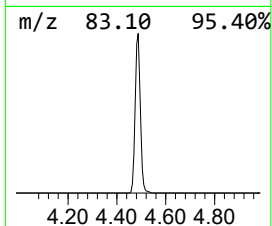
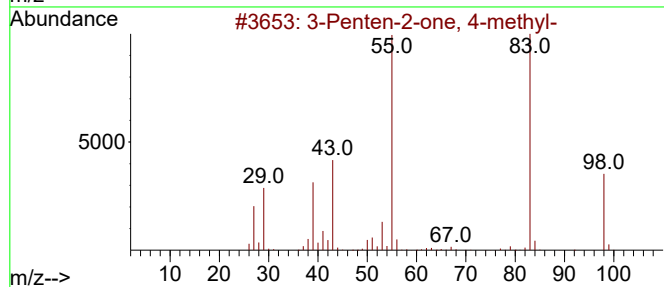
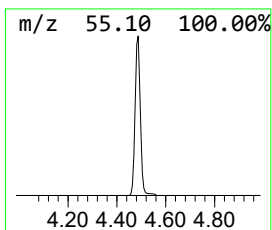
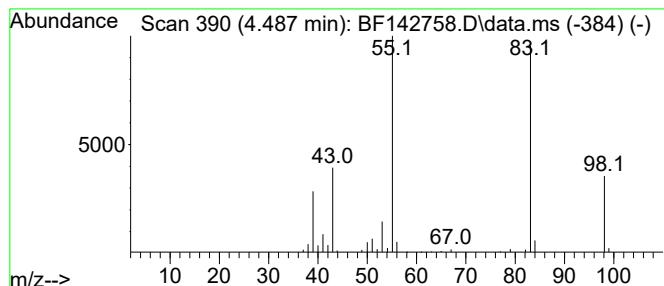
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.487 | 9.25 ng | 145662 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# | of 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|------|--------------------------------|----|---------|-------------|------|
| 1    |      | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 94   |
| 2    |      | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 91   |
| 3    |      | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 90   |
| 4    |      | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 87   |
| 5    |      | 2-Pentene, 4,4-dimethyl-, (Z)- | 98 | C7H14   | 000762-63-0 | 86   |



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ClientSampleId :  
CONCRETE-SLAB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

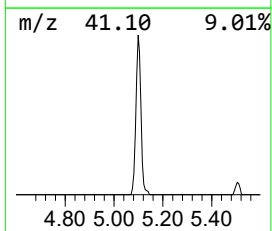
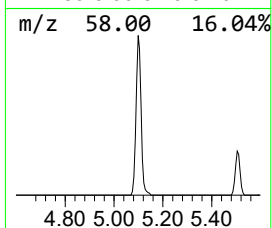
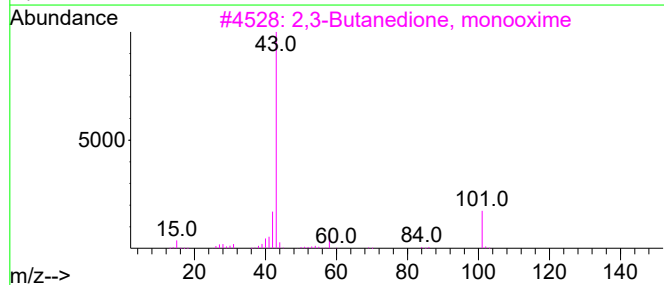
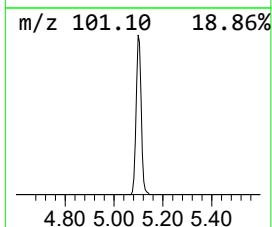
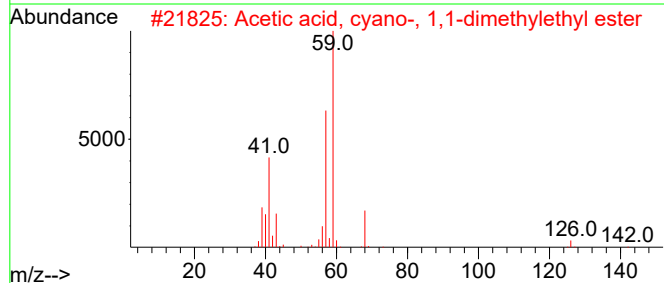
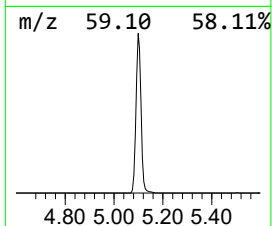
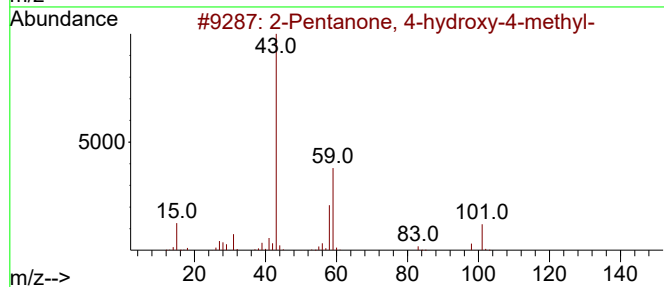
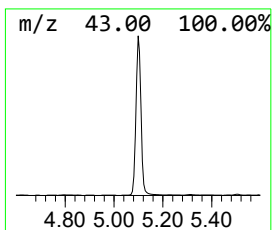
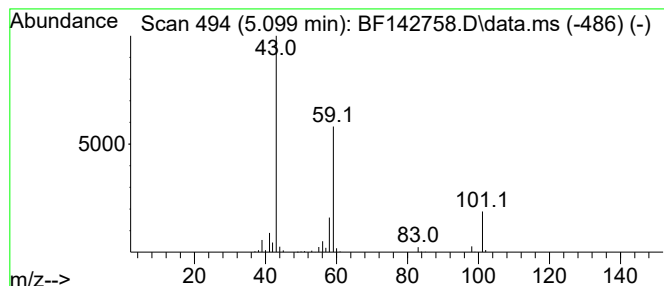
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.099 | 18.39 ng | 289514 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 59      |      |      |
| 2    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 37      |      |      |
| 3    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 16      |      |      |
| 4    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 12      |      |      |
| 5    | Morpholine, 4-methyl-               | 101 | C5H11NO      | 000109-02-4 | 9       |      |      |



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Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

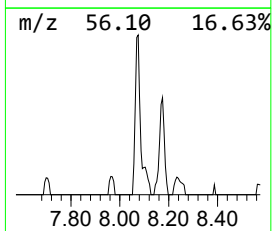
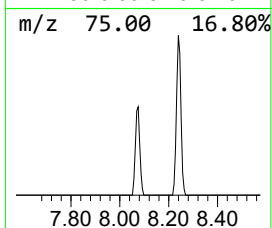
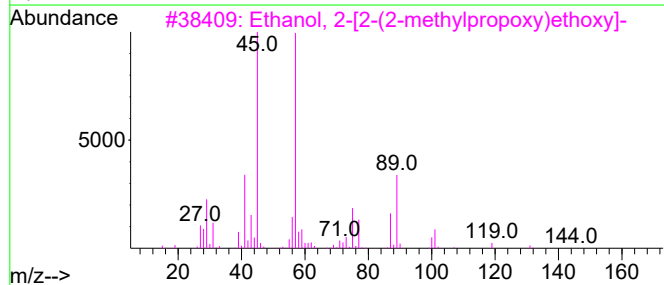
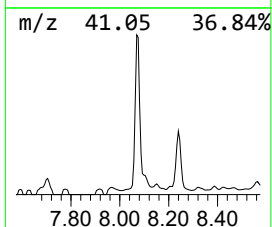
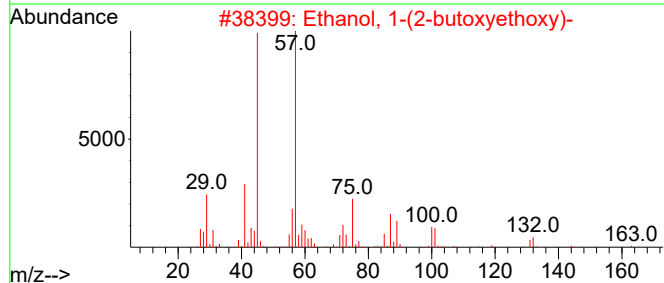
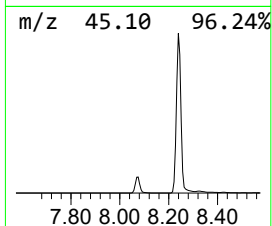
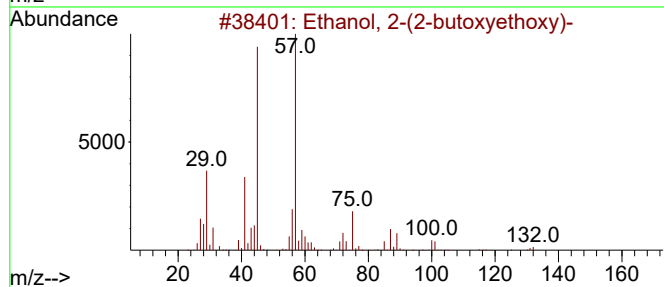
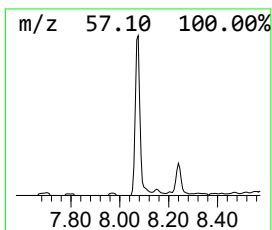
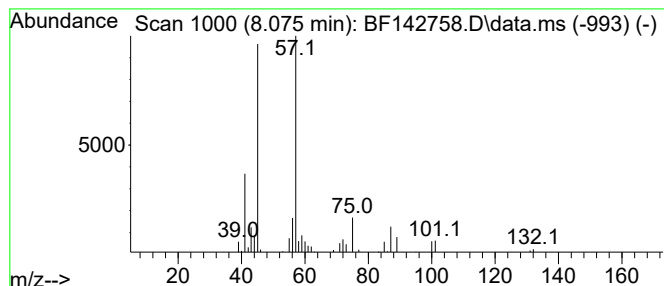
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 16

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 8.075 | 4.74 ng | 83966 | Naphthalene-d8   | 8.175 |

| 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 | 78   |
| 4    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 50   |
| 5    |    |   | 1-Methoxy-3-methyl-3-butene         | 100 | C6H12O  | 034752-58-4 | 47   |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

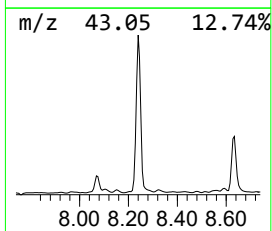
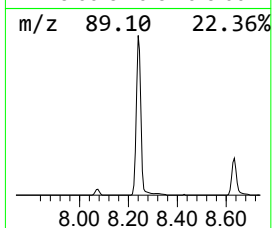
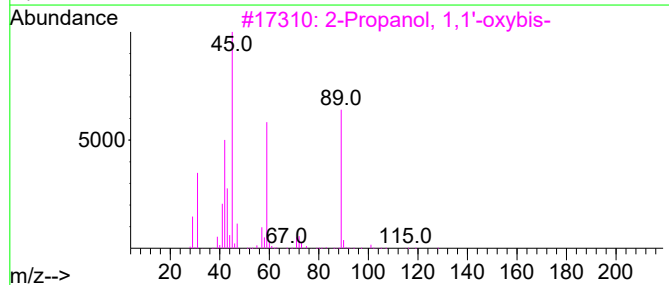
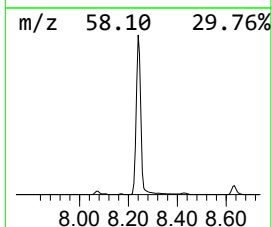
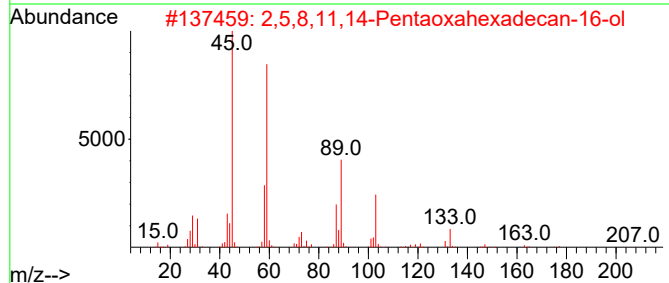
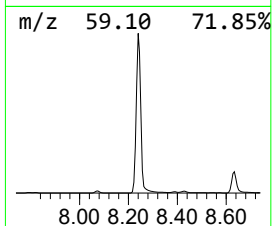
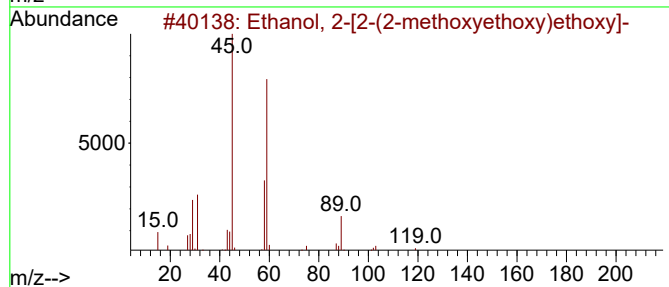
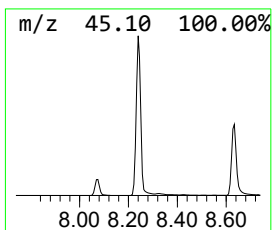
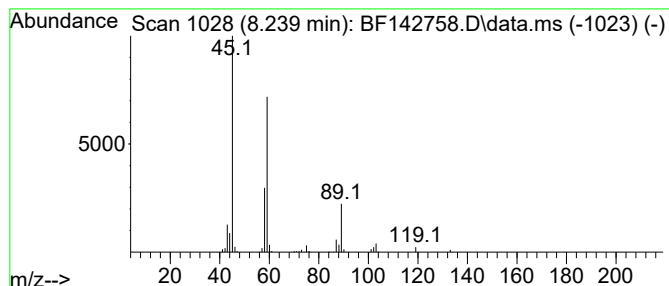
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Peak Number 4 Ethanol, 2-[2-(2-methoxyeth... Concentration Rank 2

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.239 | 31.53 ng | 558320 | Naphthalene-d8   | 8.175 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-[2-(2-methoxyethoxy)e... | 164 | C7H16O4  | 000112-35-6 | 90   |
| 2    |    |   | 2,5,8,11,14-Pentaoxahexadecan-16-ol | 252 | C11H24O6 | 023778-52-1 | 64   |
| 3    |    |   | 2-Propanol, 1,1'-oxybis-            | 134 | C6H14O3  | 000110-98-5 | 59   |
| 4    |    |   | Ethanol, 2-[2-(2-ethoxyethoxy)et... | 178 | C8H18O4  | 000112-50-5 | 50   |
| 5    |    |   | Hexaethylene glycol                 | 282 | C12H26O7 | 002615-15-8 | 50   |



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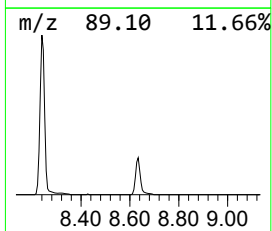
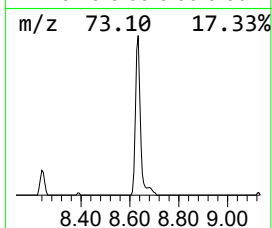
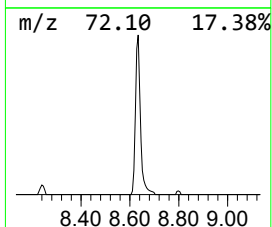
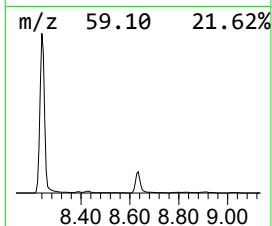
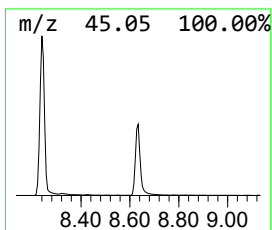
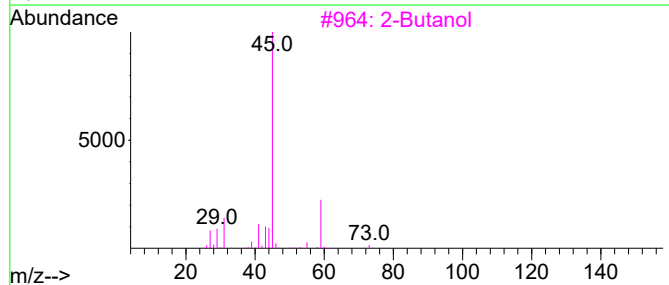
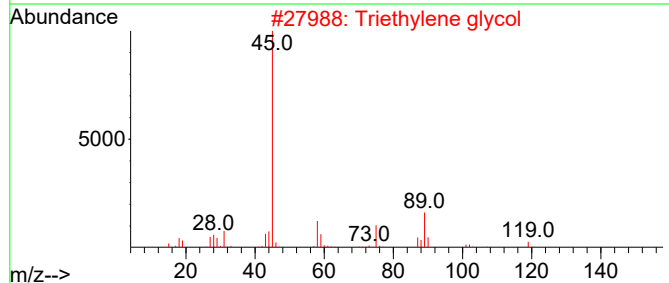
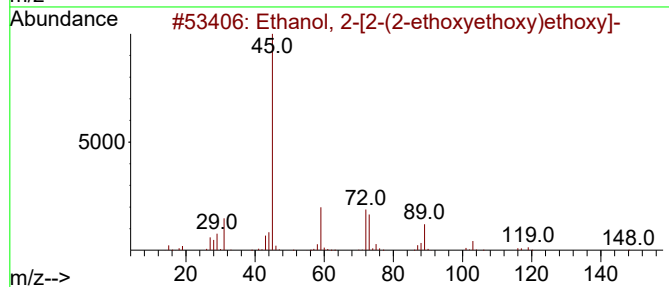
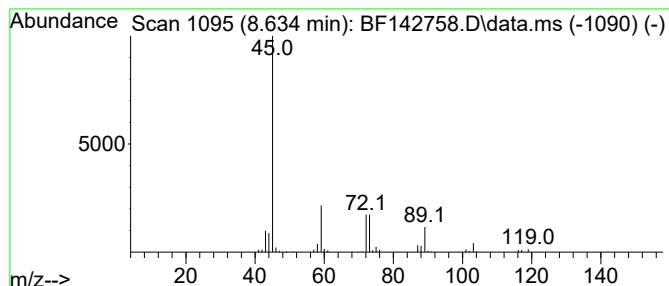
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Ethanol, 2-[2-(2-ethoxyetho... Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.634 | 11.62 ng | 205820 | Naphthalene-d8   | 8.175 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-[2-(2-ethoxyethoxy)et... | 178 | C8H18O4  | 000112-50-5 | 90   |
| 2    |    |   | Triethylene glycol                  | 150 | C6H14O4  | 000112-27-6 | 53   |
| 3    |    |   | 2-Butanol                           | 74  | C4H10O   | 000078-92-2 | 53   |
| 4    |    |   | Tetraethylene glycol diethyl ether  | 250 | C12H26O5 | 004353-28-0 | 45   |
| 5    |    |   | Ethanol, 2-[2-(2-methoxyethoxy)e... | 164 | C7H16O4  | 000112-35-6 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

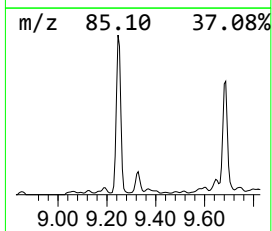
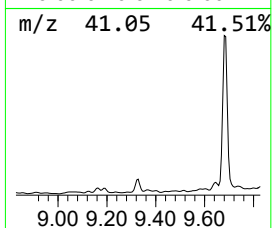
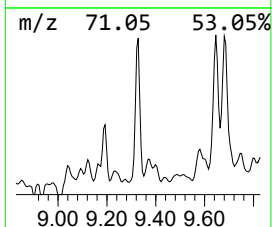
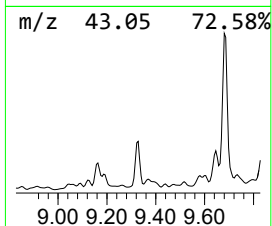
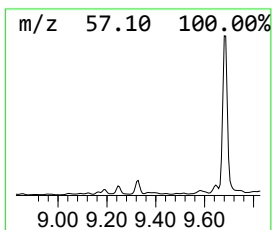
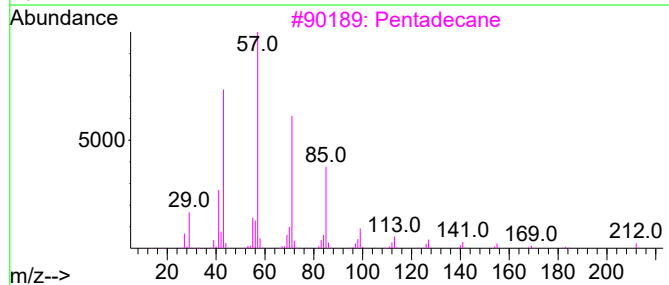
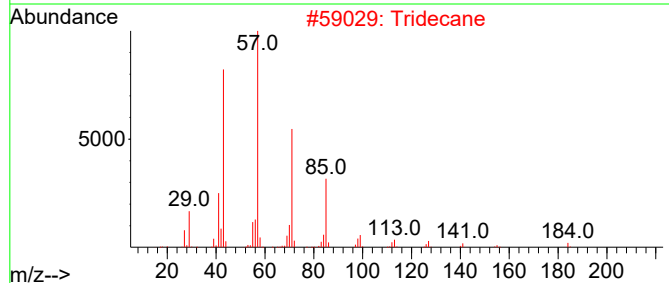
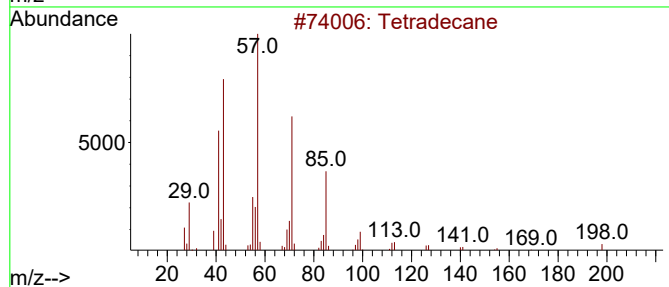
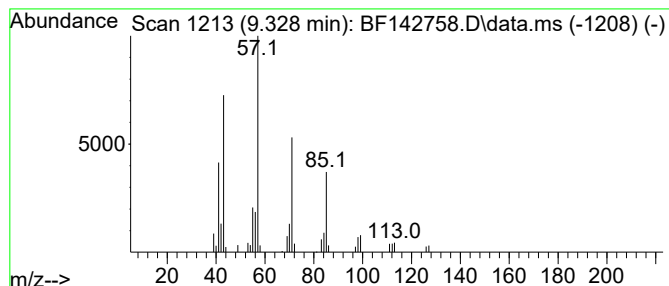
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Tetradecane Concentration Rank 19

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 9.328 | 2.04 ng | 33089 | Acenaphthene-d10 | 9.928 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 91   |
| 2    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 86   |
| 3    |      | Pentadecane  | 212 | C15H32  | 000629-62-9 | 86   |
| 4    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 78   |
| 5    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

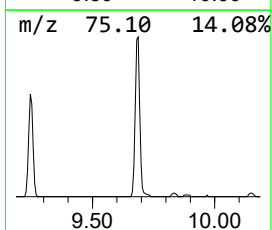
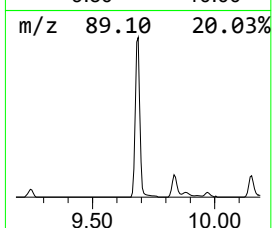
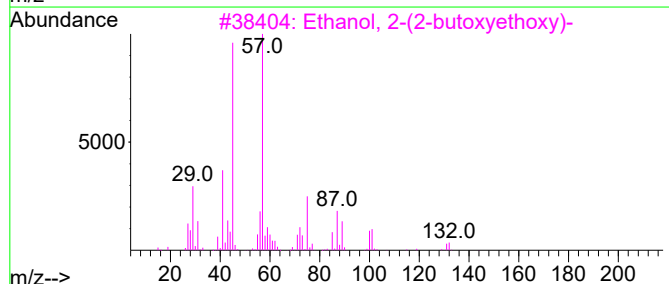
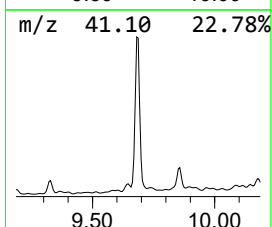
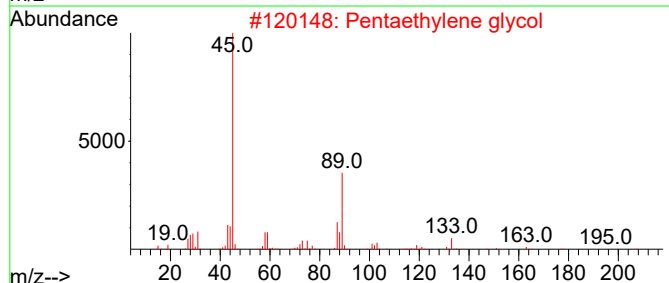
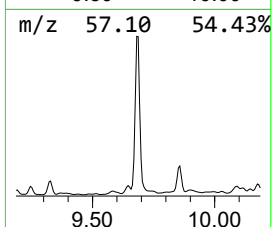
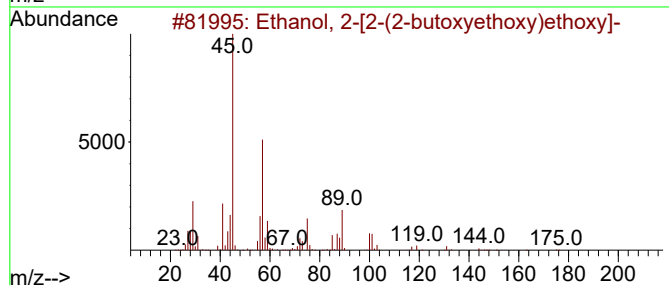
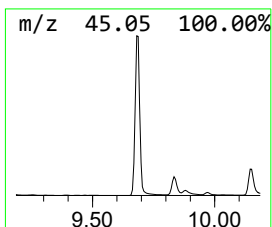
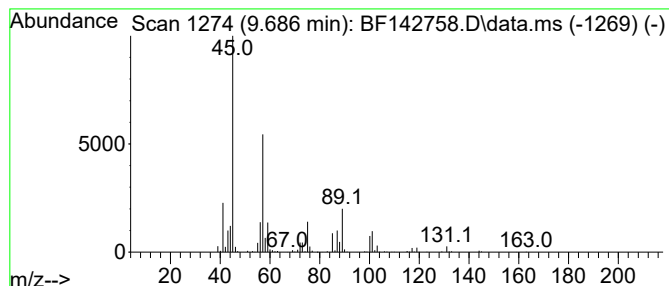
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.686 | 34.21 ng | 554899 | Acenaphthene-d10 | 9.928 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-[2-(2-butoxyethoxy)et... | 206 | C10H22O4 | 000143-22-6 | 91   |
| 2    |    |   | Pentaethylene glycol                | 238 | C10H22O6 | 004792-15-8 | 80   |
| 3    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3  | 000112-34-5 | 72   |
| 4    |    |   | Triethylene glycol                  | 150 | C6H14O4  | 000112-27-6 | 72   |
| 5    |    |   | Hexaethylene glycol                 | 282 | C12H26O7 | 002615-15-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
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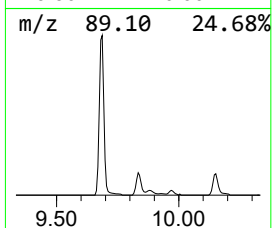
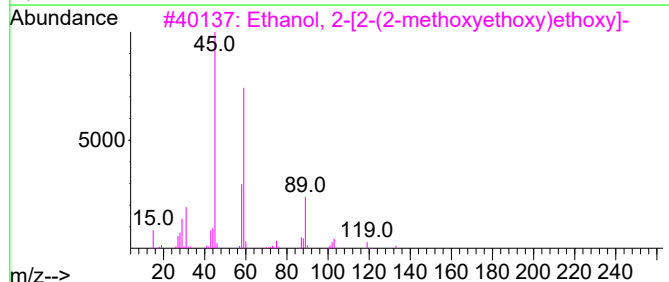
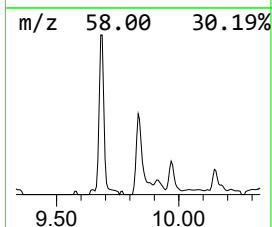
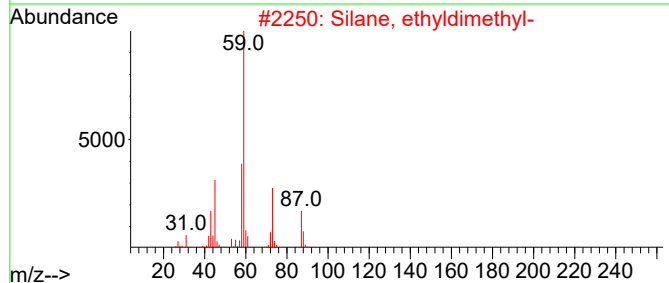
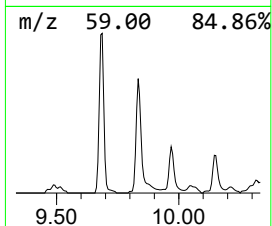
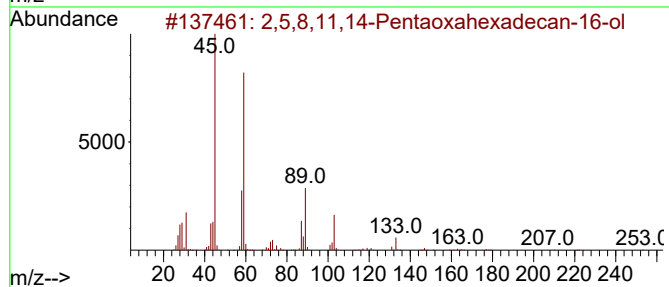
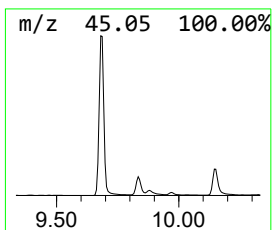
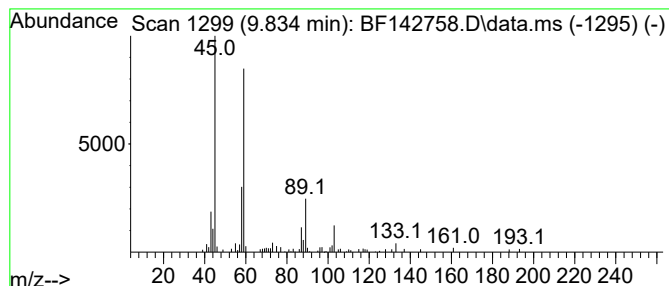
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 2,5,8,11,14-Pentaoxahexadec... Concentration Rank 17

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 9.834 | 4.54 ng | 73627 | Acenaphthene-d10 | 9.928 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,5,8,11,14-Pentaoxahexadecan-16-ol | 252 | C11H24O6     | 023778-52-1 | 90      |      |      |
| 2    | Silane, ethyldimethyl-              | 88  | C4H12Si      | 000758-21-4 | 80      |      |      |
| 3    | Ethanol, 2-[2-(2-methoxyethoxy)e... | 164 | C7H16O4      | 000112-35-6 | 78      |      |      |
| 4    | 2-[2-[2-[2-[2-[2-[2-[2-(2-Met...    | 472 | C21H44O11    | 027425-92-9 | 64      |      |      |
| 5    | Tetraethyleneglycol monomethylether | 208 | C9H20O5      | 023783-42-8 | 49      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

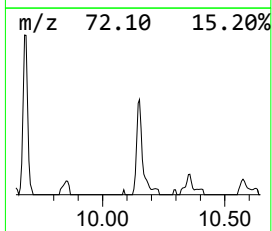
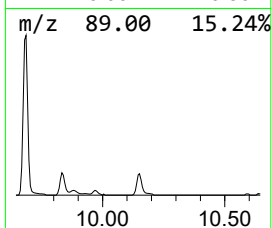
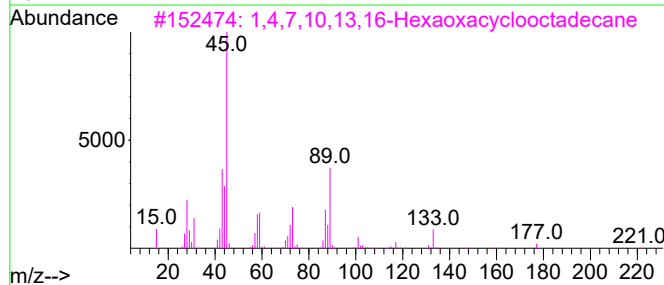
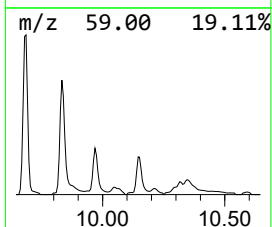
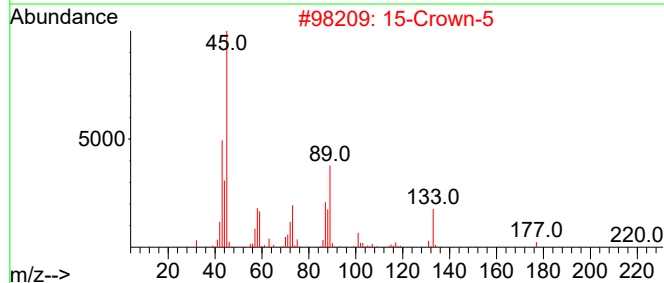
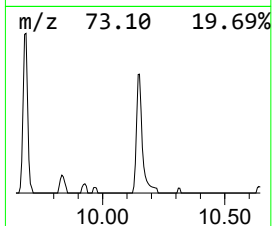
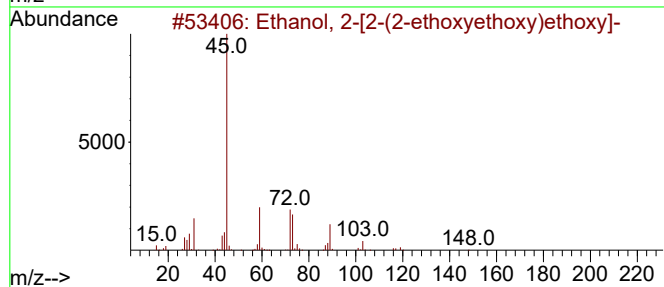
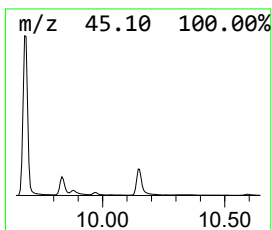
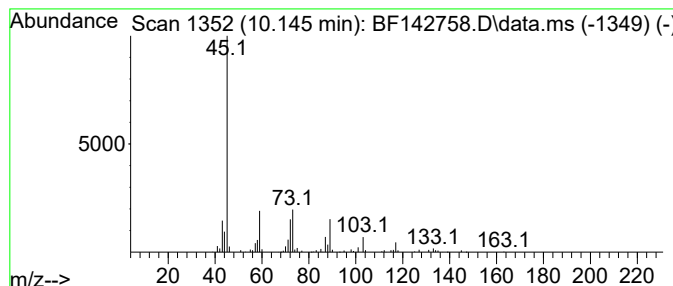
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 15-Crown-5 Concentration Rank 18

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.  |
|--------|---------|-------|------------------|-------|
| 10.145 | 4.09 ng | 66287 | Acenaphthene-d10 | 9.928 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-[2-(2-ethoxyethoxy)et... | 178 | C8H18O4  | 000112-50-5 | 83   |
| 2    |    |   | 15-Crown-5                          | 220 | C10H20O5 | 033100-27-5 | 72   |
| 3    |    |   | 1,4,7,10,13,16-Hexaoxacyclooctad... | 264 | C12H24O6 | 017455-13-9 | 72   |
| 4    |    |   | Tetraethylene glycol diethyl ether  | 250 | C12H26O5 | 004353-28-0 | 64   |
| 5    |    |   | 3,6,9,12-Tetraoxatetradecan-1-ol    | 222 | C10H22O5 | 005650-20-4 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

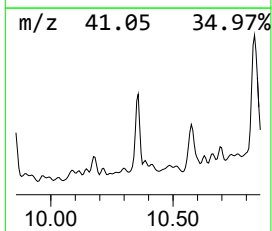
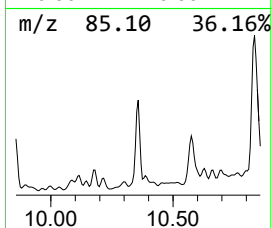
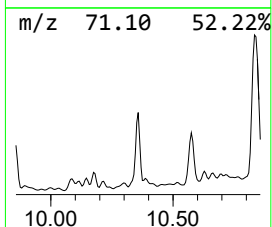
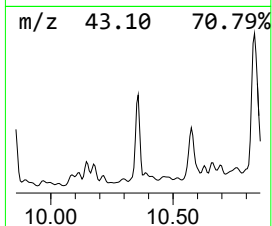
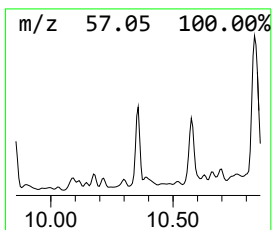
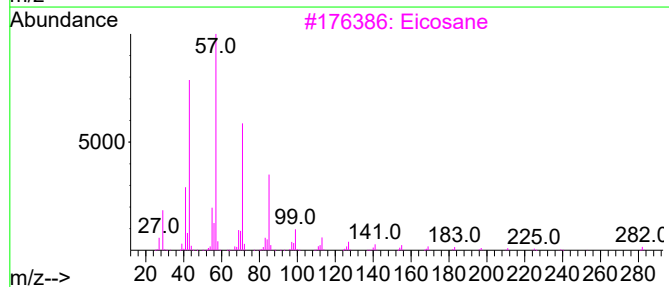
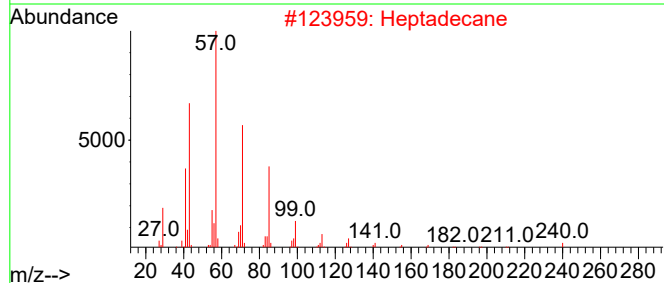
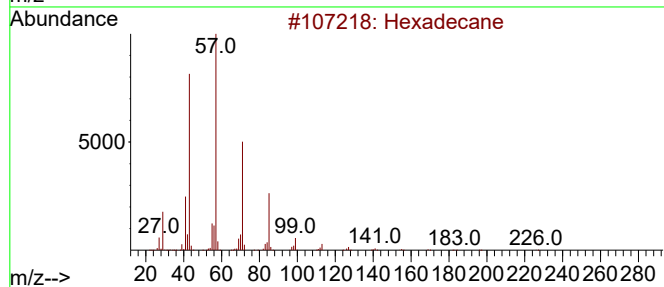
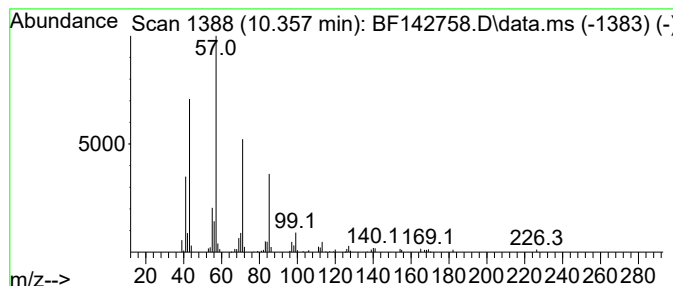
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Hexadecane Concentration Rank 14

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.  |
|--------|---------|-------|------------------|-------|
| 10.357 | 6.10 ng | 98992 | Acenaphthene-d10 | 9.928 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 95   |
| 2    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |
| 3    |      | Eicosane     | 282 | C20H42  | 000112-95-8 | 90   |
| 4    |      | Pentadecane  | 212 | C15H32  | 000629-62-9 | 86   |
| 5    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

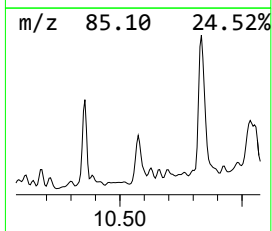
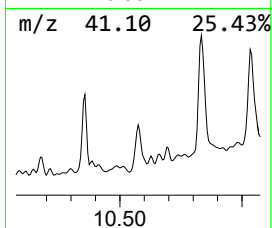
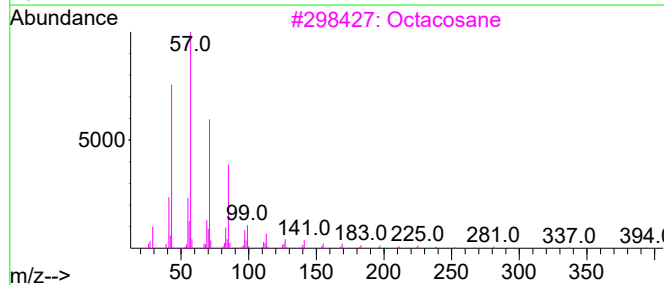
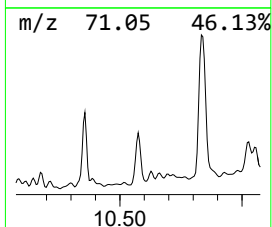
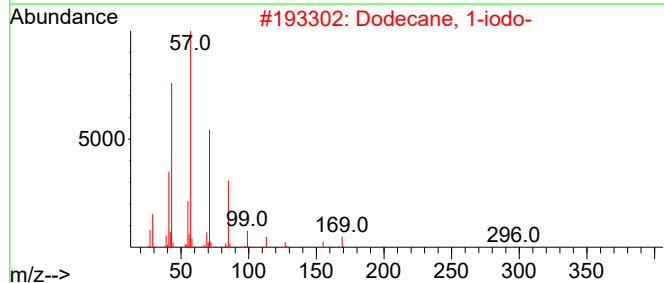
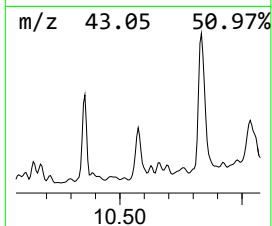
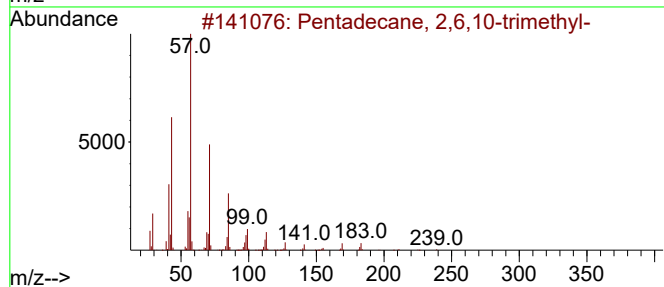
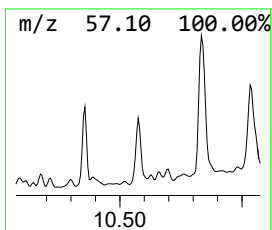
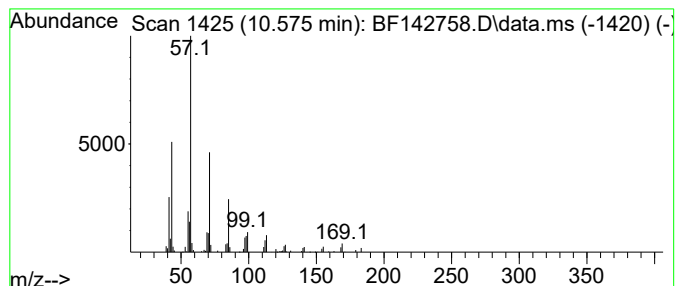
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.575 | 6.29 ng | 102030 | Acenaphthene-d10 | 9.928 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 90   |
| 2    |    |   | Dodecane, 1-iodo-              | 296 | C12H25I | 004292-19-7 | 80   |
| 3    |    |   | Octacosane                     | 394 | C28H58  | 000630-02-4 | 74   |
| 4    |    |   | Heneicosane                    | 296 | C21H44  | 000629-94-7 | 72   |
| 5    |    |   | Heptadecane, 7-methyl-         | 254 | C18H38  | 020959-33-5 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

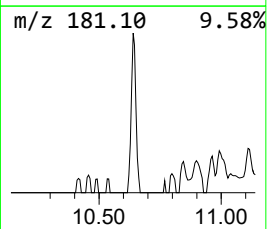
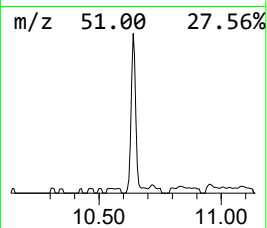
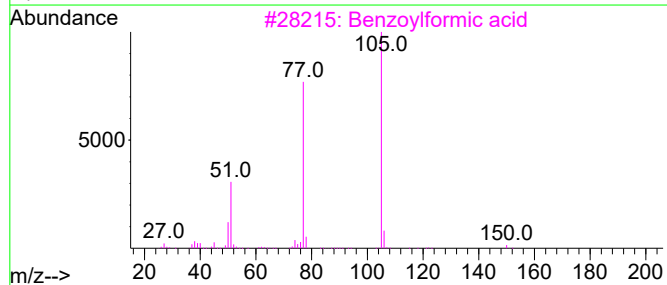
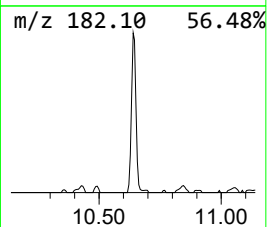
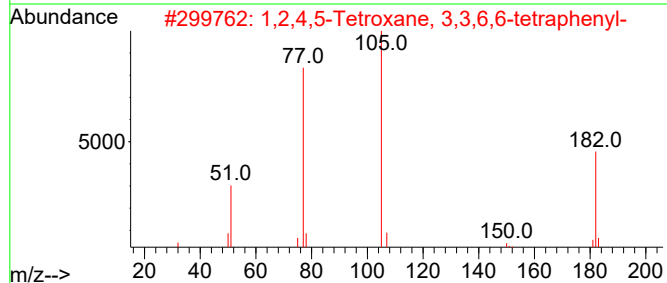
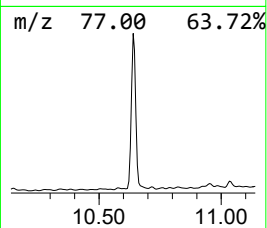
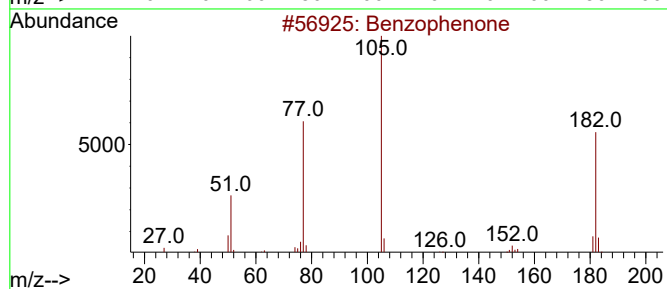
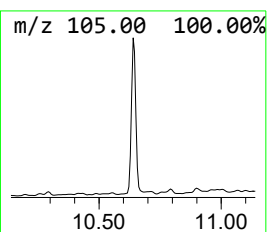
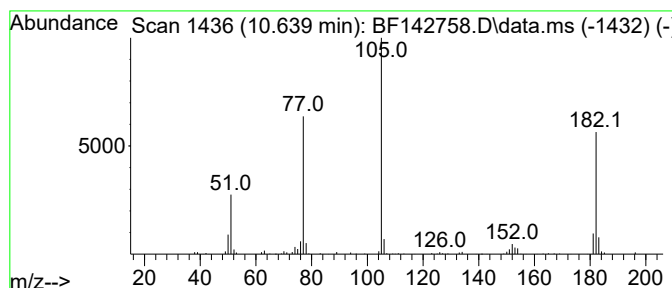
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Benzophenone Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.639 | 6.88 ng | 111534 | Acenaphthene-d10 | 9.928 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9  | 96   |
| 2    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7  | 78   |
| 3    |    |   | Benzoylformic acid                  | 150 | C8H6O3   | 000611-73-4  | 55   |
| 4    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS   | 005925-68-8  | 49   |
| 5    |    |   | 2-(2-Oxo-2-phenyl-ethyl)-malon...   | 184 | C11H8N2O | 1000296-76-9 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

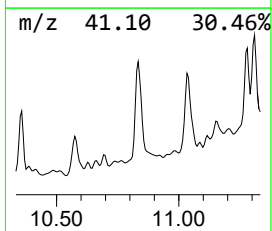
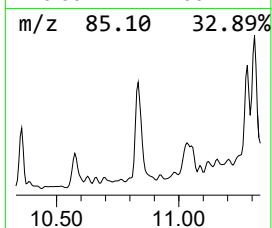
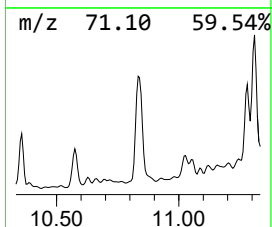
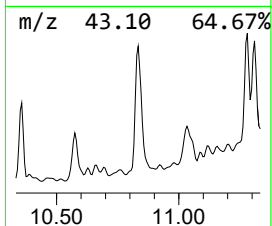
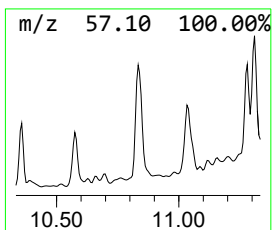
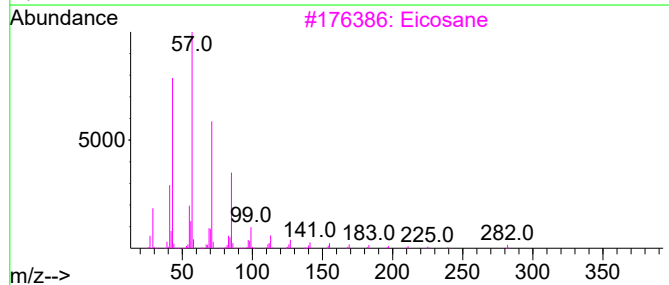
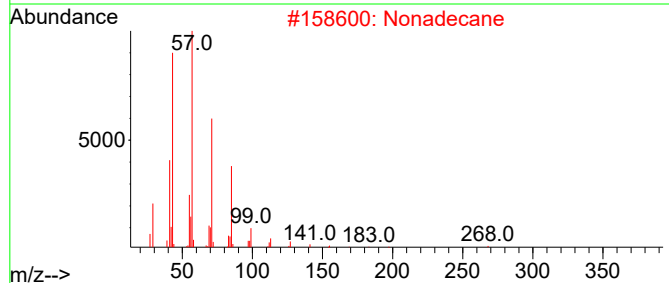
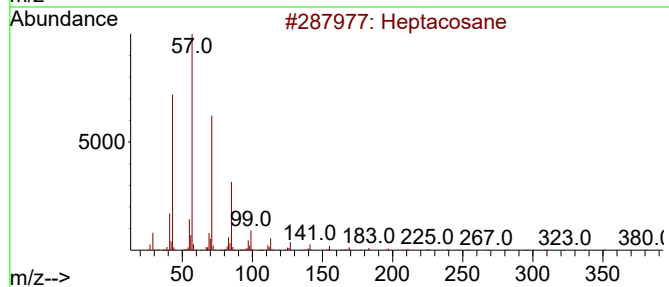
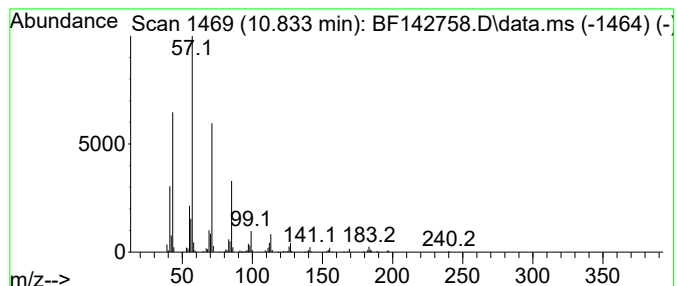
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Heptacosane Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.834 | 16.35 ng | 261703 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane          | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |    |   | Nonadecane           | 268 | C19H40  | 000629-92-5 | 87   |
| 3    |    |   | Eicosane             | 282 | C20H42  | 000112-95-8 | 87   |
| 4    |    |   | Heptadecane          | 240 | C17H36  | 000629-78-7 | 83   |
| 5    |    |   | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

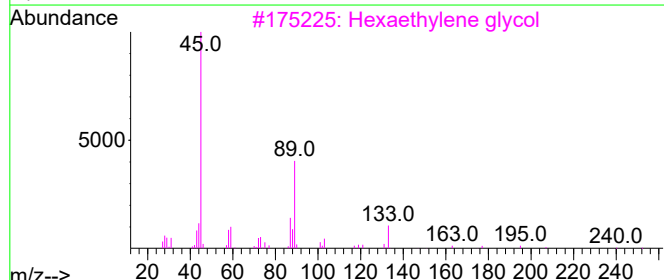
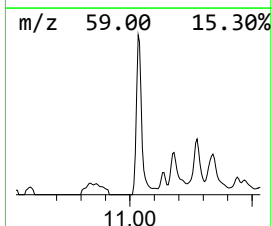
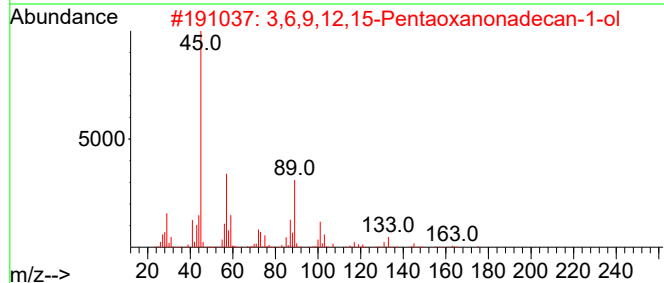
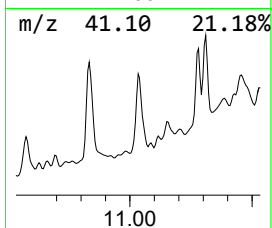
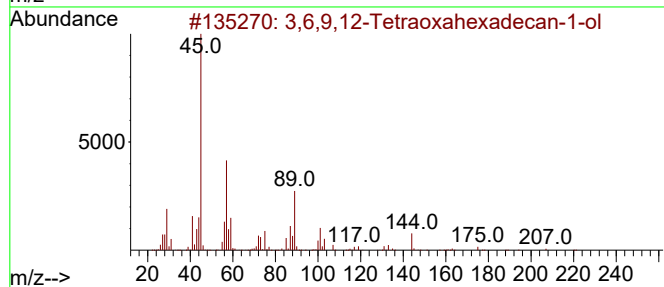
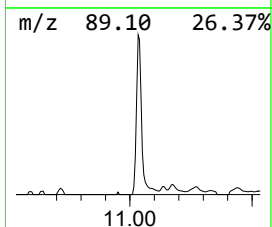
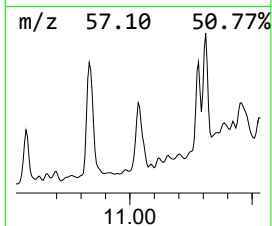
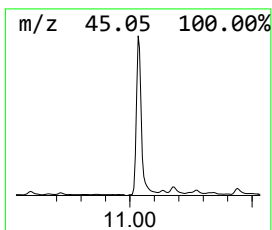
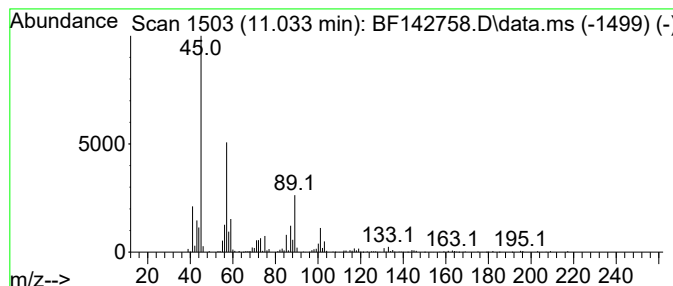
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CONCRETE-SLAB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.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 14 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|----------|-------------|------|
| 11.033    | 14.05 ng                            | 224828 | Phenanthrene-d10 |          | 11.422      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm  | CAS#        | Qual |
| 1         | 3,6,9,12-Tetraoxahexadecan-1-ol     |        | 250              | C12H26O5 | 001559-34-8 | 91   |
| 2         | 3,6,9,12,15-Pentaoxanonadecan-1-ol  |        | 294              | C14H30O6 | 001786-94-3 | 90   |
| 3         | Hexaethylene glycol                 |        | 282              | C12H26O7 | 002615-15-8 | 80   |
| 4         | Ethanol, 2-[2-(2-butoxyethoxy)et... |        | 206              | C10H22O4 | 000143-22-6 | 78   |
| 5         | Pentaethylene glycol                |        | 238              | C10H22O6 | 004792-15-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

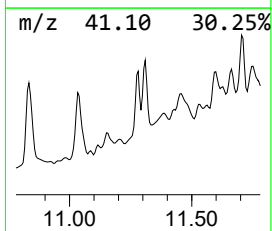
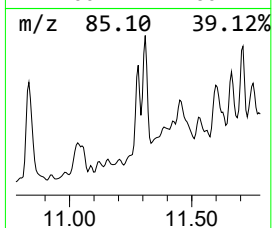
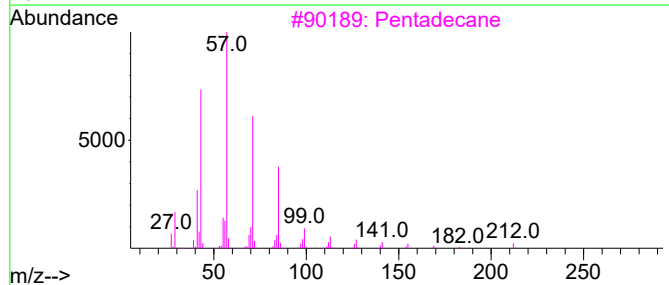
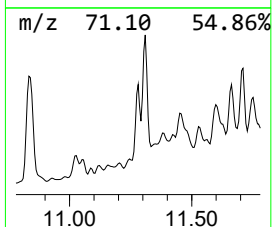
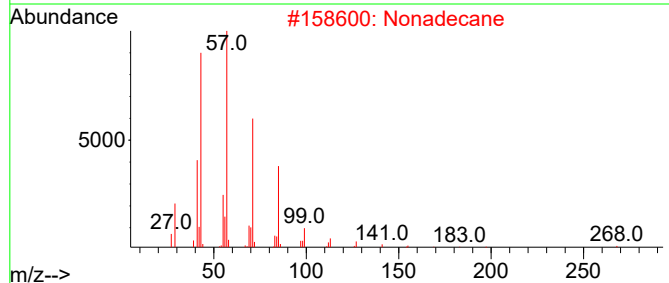
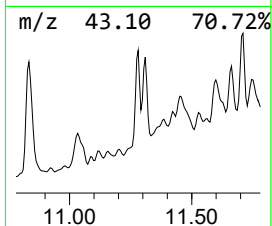
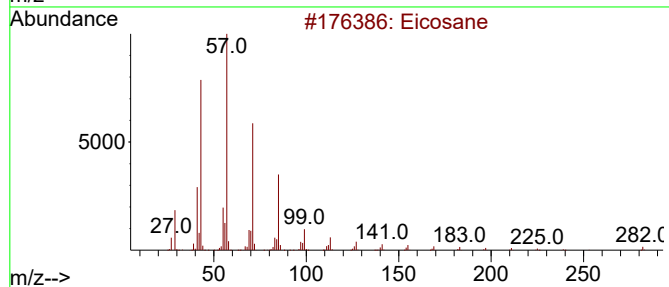
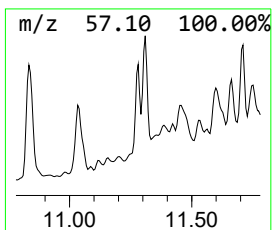
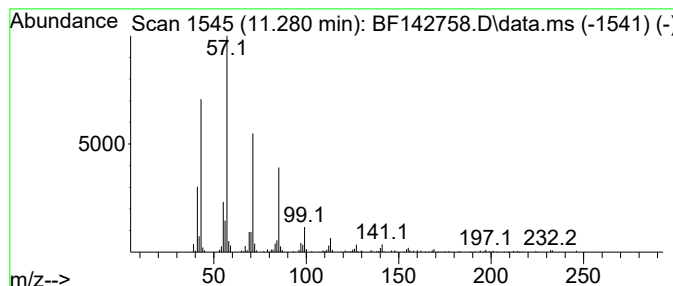
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Eicosane Concentration Rank 8

| R.T.      | EstConc      | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|--------|------------------|---------|-------------|------|
| 11.281    | 9.46 ng      | 151413 | Phenanthrene-d10 |         | 11.422      |      |
| Hit# of 5 | Tentative ID |        | MW               | MolForm | CAS#        | Qual |
| 1         | Eicosane     |        | 282              | C20H42  | 000112-95-8 | 91   |
| 2         | Nonadecane   |        | 268              | C19H40  | 000629-92-5 | 91   |
| 3         | Pentadecane  |        | 212              | C15H32  | 000629-62-9 | 91   |
| 4         | Heptacosane  |        | 380              | C27H56  | 000593-49-7 | 91   |
| 5         | Hexadecane   |        | 226              | C16H34  | 000544-76-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
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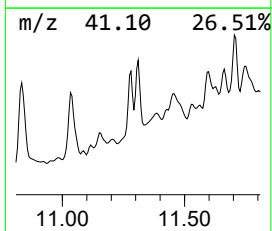
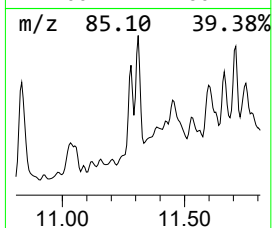
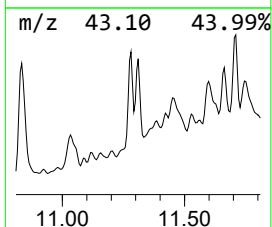
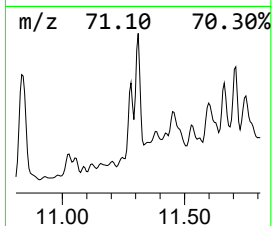
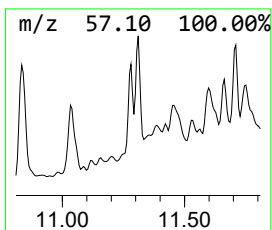
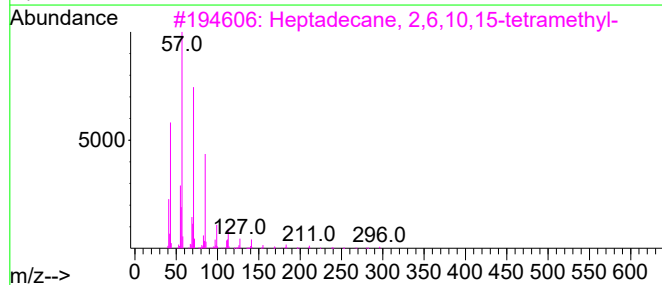
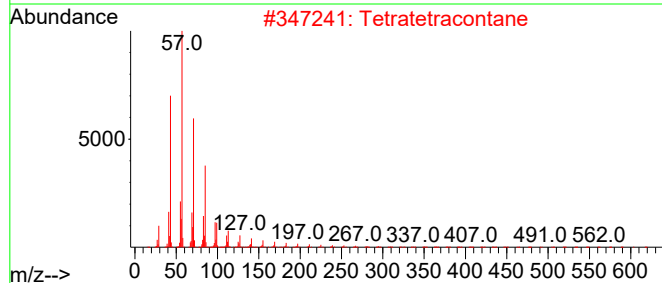
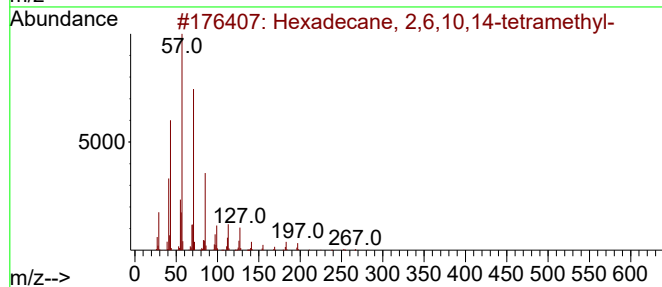
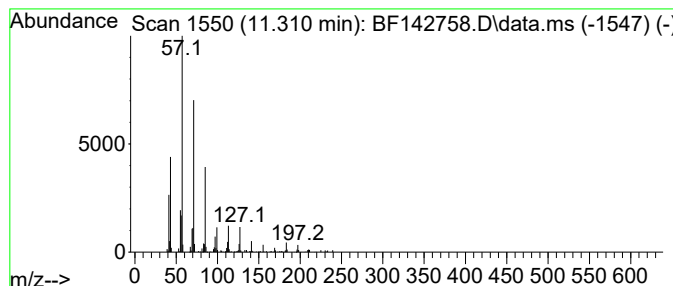
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Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.310 | 10.89 ng | 174316 | Phenanthrene-d10 | 11.422 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42  | 000638-36-8 | 91   |
| 2    |      | Tetratetracontane                   | 619 | C44H90  | 007098-22-8 | 90   |
| 3    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 86   |
| 4    |      | Pentacosane                         | 352 | C25H52  | 000629-99-2 | 86   |
| 5    |      | Octacosane                          | 394 | C28H58  | 000630-02-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

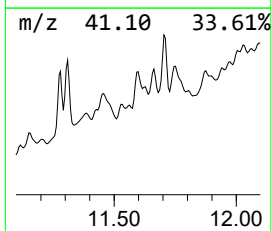
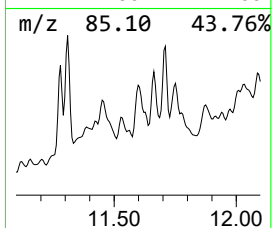
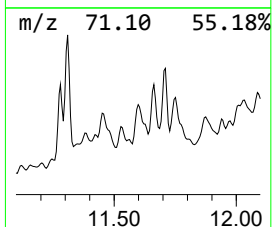
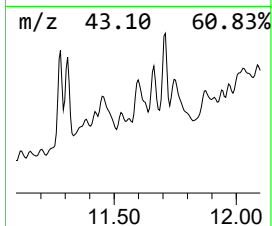
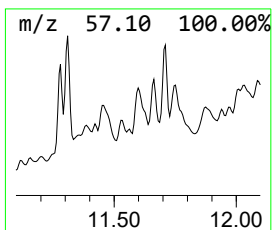
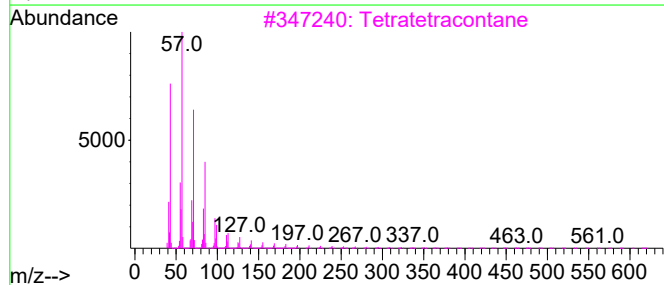
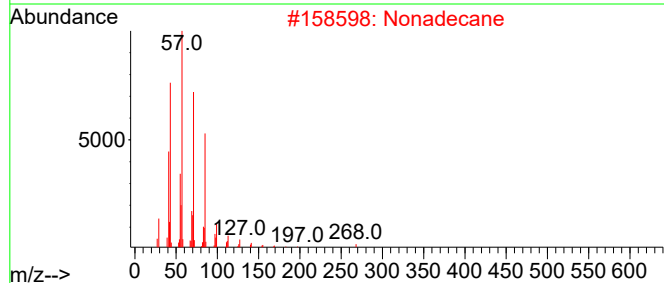
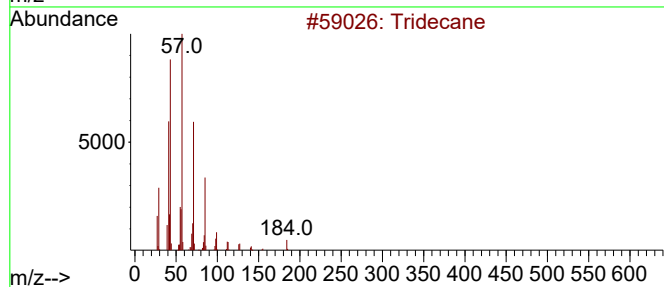
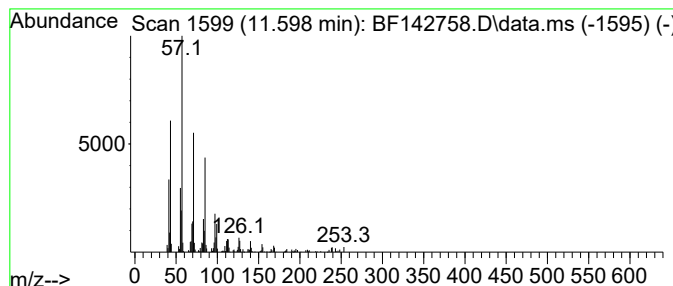
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BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

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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 17 Tridecane Concentration Rank 10

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 11.598    | 7.81 ng                             | 124976 | Phenanthrene-d10 | 11.422       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Tridecane                           | 184    | C13H28           | 000629-50-5  | 94   |
| 2         | Nonadecane                          | 268    | C19H40           | 000629-92-5  | 90   |
| 3         | Tetratetracontane                   | 619    | C44H90           | 007098-22-8  | 90   |
| 4         | Methoxyacetic acid, 2-tetradecyl... | 286    | C17H34O3         | 1000282-04-8 | 90   |
| 5         | Pentadecane                         | 212    | C15H32           | 000629-62-9  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

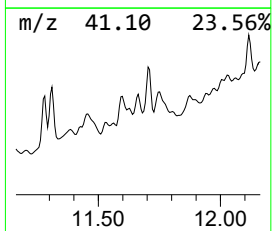
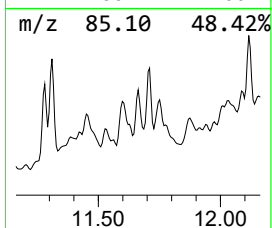
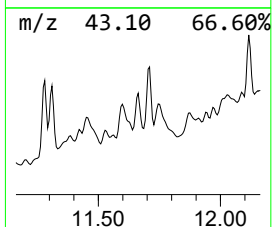
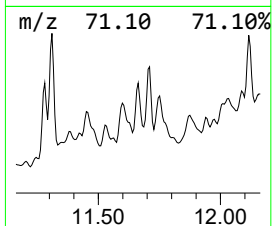
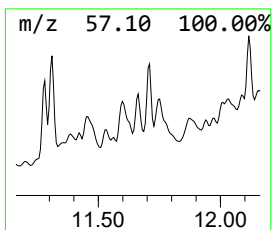
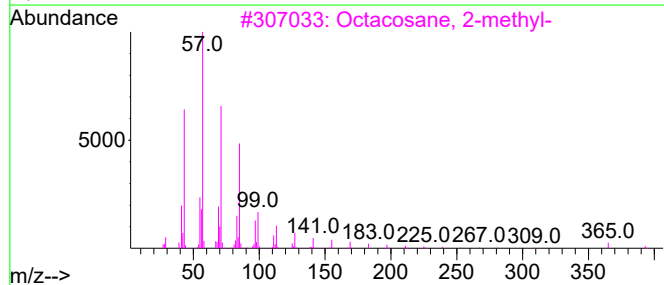
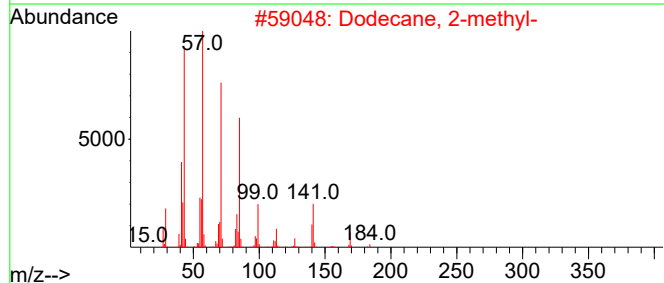
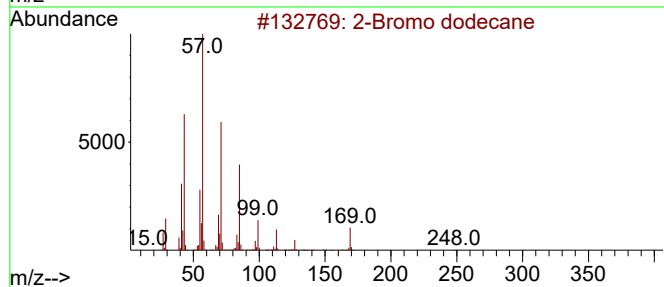
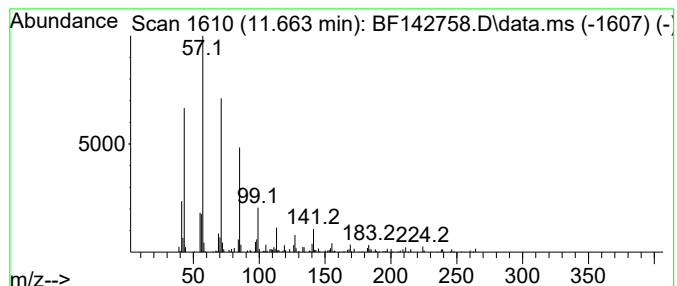
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 2-Bromo dodecane Concentration Rank 15

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.663 | 5.92 ng | 94774 | Phenanthrene-d10 | 11.422 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|------|-----------------------|-----|----------|-------------|------|
| 1    |      | 2-Bromo dodecane      | 248 | C12H25Br | 013187-99-0 | 93   |
| 2    |      | Dodecane, 2-methyl-   | 184 | C13H28   | 001560-97-0 | 91   |
| 3    |      | Octacosane, 2-methyl- | 408 | C29H60   | 001560-98-1 | 86   |
| 4    |      | Hexacosane            | 366 | C26H54   | 000630-01-3 | 86   |
| 5    |      | 2-Bromotetradecane    | 276 | C14H29Br | 074036-95-6 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

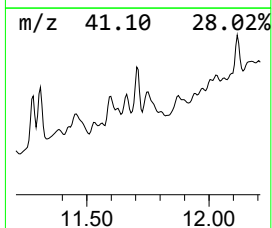
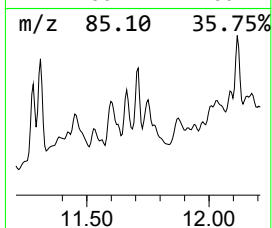
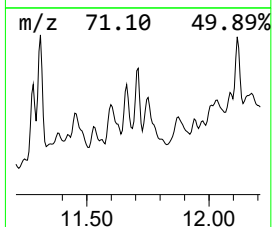
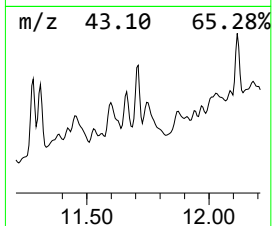
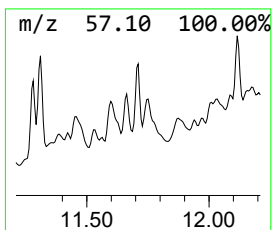
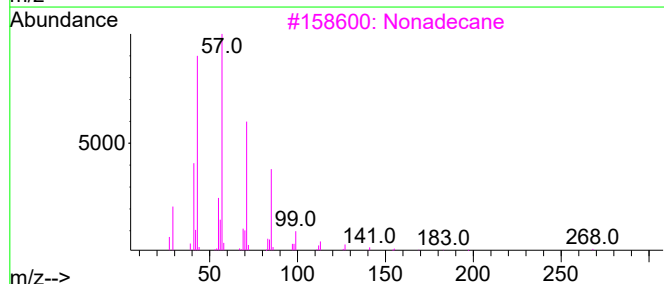
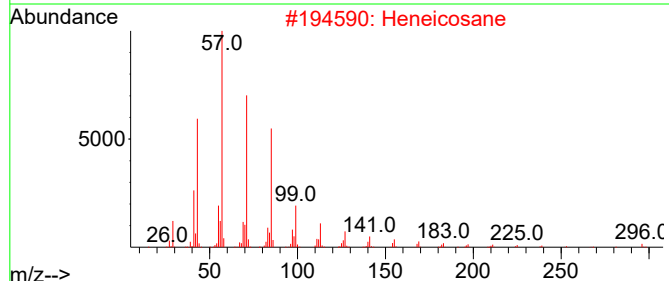
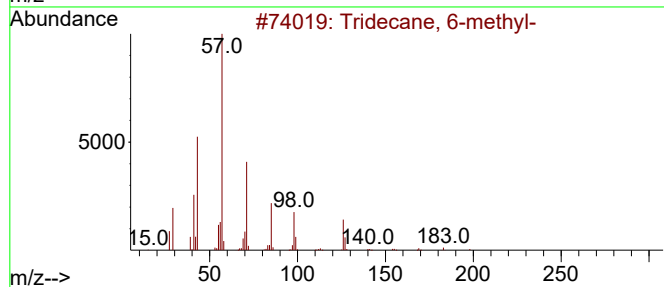
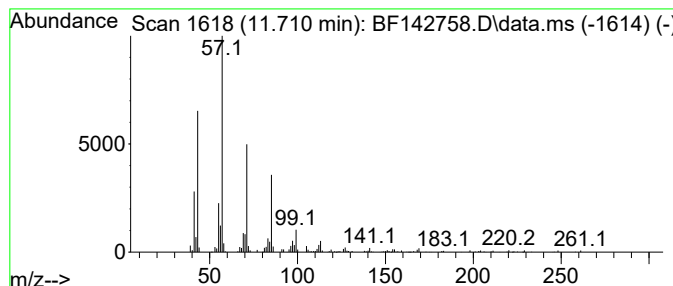
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Tridecane, 6-methyl- Concentration Rank 11

| R.T.      | EstConc                      | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------------|--------|------------------|---------|-------------|------|
| 11.710    | 7.56 ng                      | 120941 | Phenanthrene-d10 |         | 11.422      |      |
| Hit# of 5 | Tentative ID                 |        | MW               | MolForm | CAS#        | Qual |
| 1         | Tridecane, 6-methyl-         |        | 198              | C14H30  | 013287-21-3 | 90   |
| 2         | Heneicosane                  |        | 296              | C21H44  | 000629-94-7 | 90   |
| 3         | Nonadecane                   |        | 268              | C19H40  | 000629-92-5 | 90   |
| 4         | Hexadecane                   |        | 226              | C16H34  | 000544-76-3 | 86   |
| 5         | Dodecane, 2-methyl-6-propyl- |        | 226              | C16H34  | 055045-08-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF0611225\  
Data File : BF142758.D  
Acq On : 12 Jun 2025 15:28  
Operator : RC/JU  
Sample : Q2287-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-SLAB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.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 |
| 3-Penten-2-one,... | 4.487  | 9.3     | ng    | 145662   | 1                     | 6.893  | 314869 | 20.0 |
| 2-Pentanone, 4-... | 5.099  | 18.4    | ng    | 289514   | 1                     | 6.893  | 314869 | 20.0 |
| Ethanol, 2-(2-b... | 8.075  | 4.7     | ng    | 83966    | 2                     | 8.175  | 354137 | 20.0 |
| Ethanol, 2-[2-(... | 8.239  | 31.5    | ng    | 558320   | 2                     | 8.175  | 354137 | 20.0 |
| Ethanol, 2-[2-(... | 8.634  | 11.6    | ng    | 205820   | 2                     | 8.175  | 354137 | 20.0 |
| Tetradecane        | 9.328  | 2.0     | ng    | 33089    | 3                     | 9.928  | 324445 | 20.0 |
| Ethanol, 2-[2-(... | 9.686  | 34.2    | ng    | 554899   | 3                     | 9.928  | 324445 | 20.0 |
| 2,5,8,11,14-Pen... | 9.834  | 4.5     | ng    | 73627    | 3                     | 9.928  | 324445 | 20.0 |
| 15-Crown-5         | 10.145 | 4.1     | ng    | 66287    | 3                     | 9.928  | 324445 | 20.0 |
| Hexadecane         | 10.357 | 6.1     | ng    | 98992    | 3                     | 9.928  | 324445 | 20.0 |
| Pentadecane, 2,... | 10.575 | 6.3     | ng    | 102030   | 3                     | 9.928  | 324445 | 20.0 |
| Benzophenone       | 10.639 | 6.9     | ng    | 111534   | 3                     | 9.928  | 324445 | 20.0 |
| Heptacosane        | 10.834 | 16.4    | ng    | 261703   | 4                     | 11.422 | 320058 | 20.0 |
| 3,6,9,12-Tetrao... | 11.033 | 14.1    | ng    | 224828   | 4                     | 11.422 | 320058 | 20.0 |
| Eicosane           | 11.281 | 9.5     | ng    | 151413   | 4                     | 11.422 | 320058 | 20.0 |
| Hexadecane, 2,6... | 11.310 | 10.9    | ng    | 174316   | 4                     | 11.422 | 320058 | 20.0 |
| Tridecane          | 11.598 | 7.8     | ng    | 124976   | 4                     | 11.422 | 320058 | 20.0 |
| 2-Bromo dodecane   | 11.663 | 5.9     | ng    | 94774    | 4                     | 11.422 | 320058 | 20.0 |
| Tridecane, 6-me... | 11.710 | 7.6     | ng    | 120941   | 4                     | 11.422 | 320058 | 20.0 |