

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
 Data File : BG054815.D  
 Acq On : 31 Aug 2022 20:55  
 Operator : CG/JU  
 Sample : N4426-01 10X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-344

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\_G\Methods\8270-BG082522.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054815.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         | 5.691       | 402           | 409         | 417          | rBV      | 33498          | 56774         | 3.98%           | 0.451%        |
| 2         | 7.295       | 675           | 682         | 690          | rBV      | 34565          | 61925         | 4.34%           | 0.492%        |
| 3         | 8.153       | 815           | 828         | 834          | rBV      | 205494         | 364529        | 25.53%          | 2.896%        |
| 4         | 8.981       | 962           | 969         | 976          | rBV3     | 13488          | 28404         | 1.99%           | 0.226%        |
| 5         | 9.328       | 1021          | 1028        | 1031         | rBV      | 20672          | 41483         | 2.90%           | 0.330%        |
| 6         | 9.369       | 1031          | 1035        | 1039         | rVB      | 18824          | 29968         | 2.10%           | 0.238%        |
| 7         | 10.051      | 1142          | 1151        | 1161         | rBV3     | 15071          | 43417         | 3.04%           | 0.345%        |
| 8         | 10.151      | 1162          | 1168        | 1175         | rBV8     | 12445          | 36788         | 2.58%           | 0.292%        |
| 9         | 10.368      | 1199          | 1205        | 1211         | rBV8     | 15663          | 34307         | 2.40%           | 0.273%        |
| 10        | 10.744      | 1263          | 1269        | 1273         | rBV6     | 13733          | 28578         | 2.00%           | 0.227%        |
| 11        | 10.856      | 1283          | 1288        | 1293         | rBV4     | 19292          | 40209         | 2.82%           | 0.319%        |
| 12        | 10.920      | 1294          | 1299        | 1303         | rVV      | 79991          | 136383        | 9.55%           | 1.084%        |
| 13        | 10.979      | 1303          | 1309        | 1323         | rVV      | 282103         | 549629        | 38.49%          | 4.367%        |
| 14        | 11.108      | 1325          | 1331        | 1336         | rVB2     | 47779          | 92967         | 6.51%           | 0.739%        |
| 15        | 11.173      | 1337          | 1342        | 1348         | rBV3     | 23517          | 53039         | 3.71%           | 0.421%        |
| 16        | 11.443      | 1384          | 1388        | 1395         | rVB5     | 14096          | 29158         | 2.04%           | 0.232%        |
| 17        | 11.537      | 1396          | 1404        | 1410         | rBV5     | 30374          | 79350         | 5.56%           | 0.630%        |
| 18        | 11.678      | 1422          | 1428        | 1432         | rBV6     | 48062          | 100168        | 7.01%           | 0.796%        |
| 19        | 11.790      | 1442          | 1447        | 1452         | rBV5     | 32991          | 59566         | 4.17%           | 0.473%        |
| 20        | 11.866      | 1455          | 1460        | 1469         | rBV6     | 50562          | 120229        | 8.42%           | 0.955%        |
| 21        | 11.966      | 1471          | 1477        | 1481         | rVV2     | 71678          | 139048        | 9.74%           | 1.105%        |
| 22        | 12.019      | 1482          | 1486        | 1489         | rVV2     | 45367          | 81117         | 5.68%           | 0.645%        |
| 23        | 12.066      | 1489          | 1494        | 1500         | rVB3     | 63887          | 134690        | 9.43%           | 1.070%        |
| 24        | 12.154      | 1506          | 1509        | 1515         | rVB5     | 30452          | 47615         | 3.33%           | 0.378%        |
| 25        | 12.360      | 1539          | 1544        | 1549         | rVB      | 251897         | 373213        | 26.13%          | 2.965%        |
| 26        | 12.871      | 1628          | 1631        | 1635         | rBV4     | 40021          | 58743         | 4.11%           | 0.467%        |
| 27        | 13.588      | 1746          | 1753        | 1758         | rVB2     | 225465         | 521196        | 36.50%          | 4.141%        |
| 28        | 14.205      | 1854          | 1858        | 1862         | rBV2     | 282217         | 467897        | 32.76%          | 3.718%        |
| 29        | 14.528      | 1908          | 1913        | 1917         | rBV4     | 277092         | 552747        | 38.71%          | 4.392%        |
| 30        | 14.616      | 1924          | 1928        | 1933         | rVB2     | 505405         | 818608        | 57.32%          | 6.504%        |
| 31        | 14.757      | 1948          | 1952        | 1954         | rBV2     | 363829         | 538898        | 37.74%          | 4.282%        |
| 32        | 15.574      | 2087          | 2091        | 2095         | rBV      | 415961         | 552465        | 38.69%          | 4.390%        |
| 33        | 19.592      | 2771          | 2775        | 2781         | rVB      | 983820         | 1428053       | 100.00%         | 11.347%       |
| 34        | 19.951      | 2833          | 2836        | 2845         | rVB      | 757122         | 1128573       | 79.03%          | 8.967%        |
| 35        | 21.825      | 3148          | 3155        | 3160         | rBV2     | 504344         | 1261627       | 88.35%          | 10.024%       |
| 36        | 21.878      | 3161          | 3164        | 3173         | rVB      | 329895         | 538914        | 37.74%          | 4.282%        |

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Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

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\_G\Methods\8270-BG082522.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 22.718 | 3303 | 3307 | 3320 | rVB  | 464090 | 869646 | 60.90% | 6.910% |
| 38 | 24.128 | 3542 | 3547 | 3555 | rBV  | 166397 | 449245 | 31.46% | 3.569% |
| 39 | 25.209 | 3725 | 3731 | 3740 | rVB2 | 240423 | 636515 | 44.57% | 5.057% |

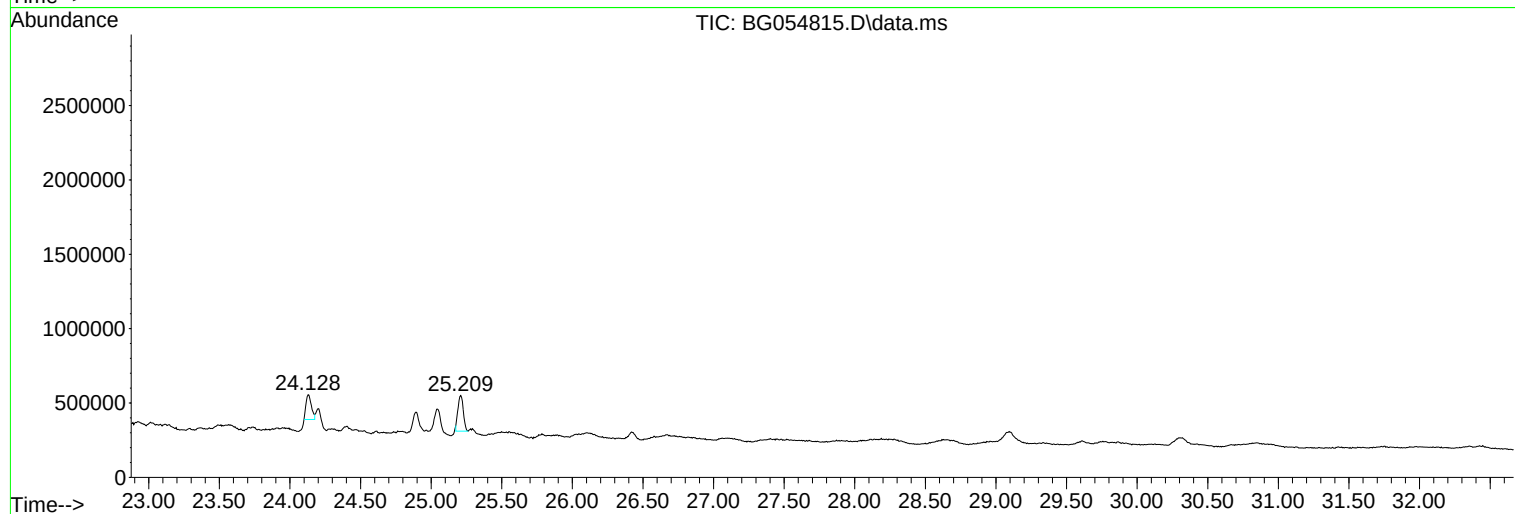
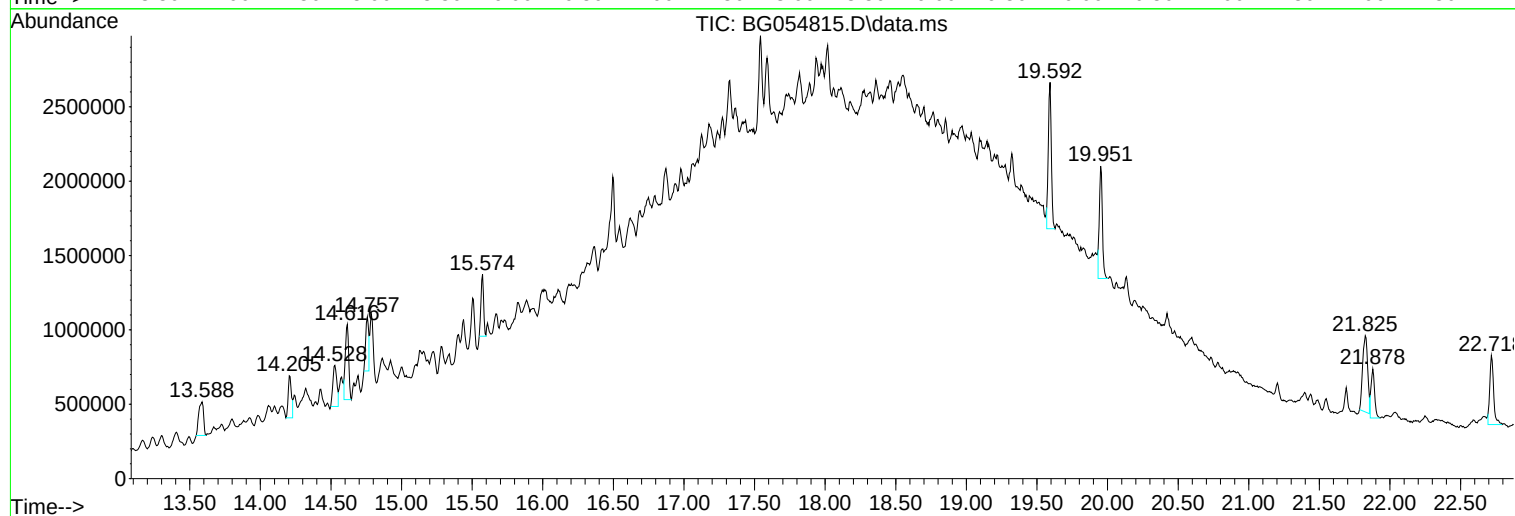
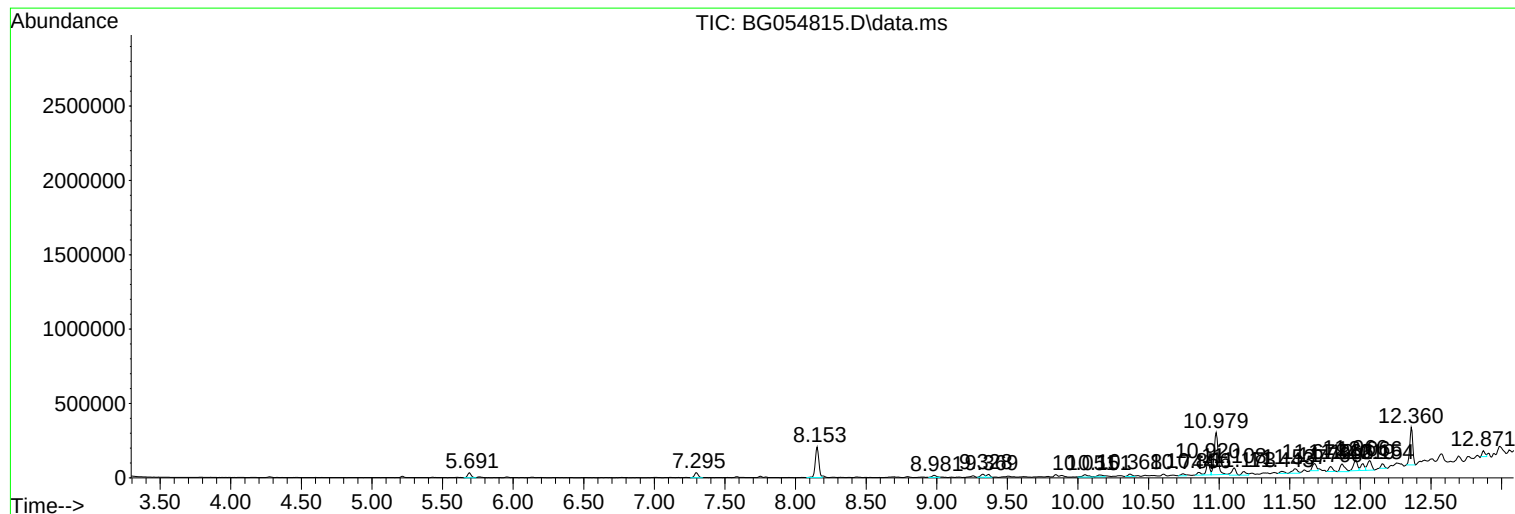
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
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BNA\_G  
ClientSampleId :  
ETGI-344

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

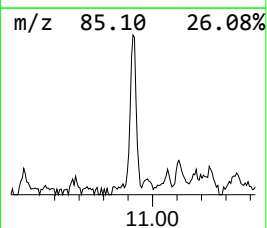
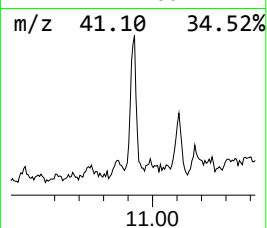
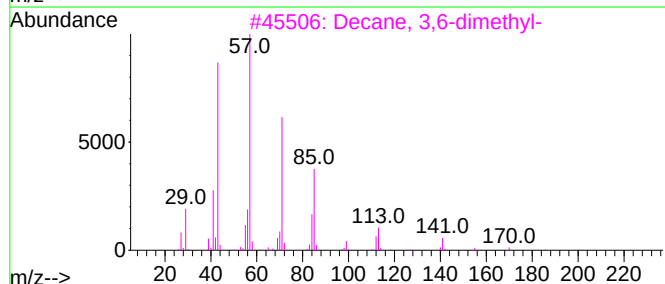
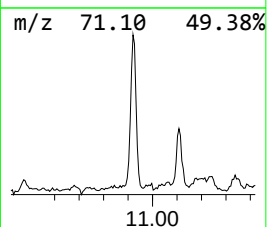
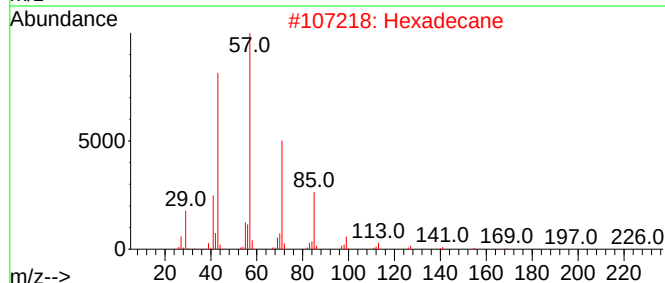
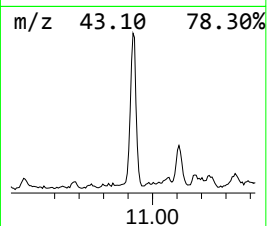
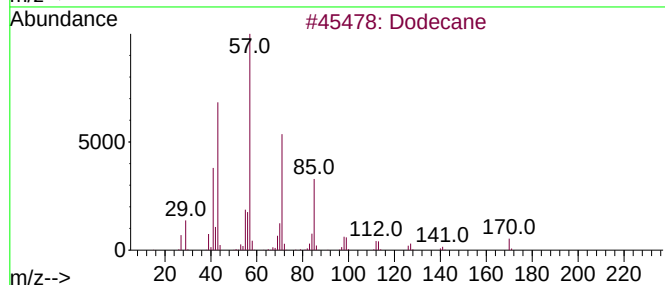
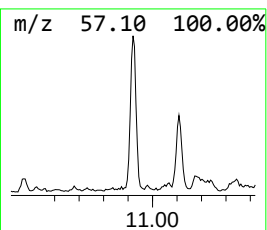
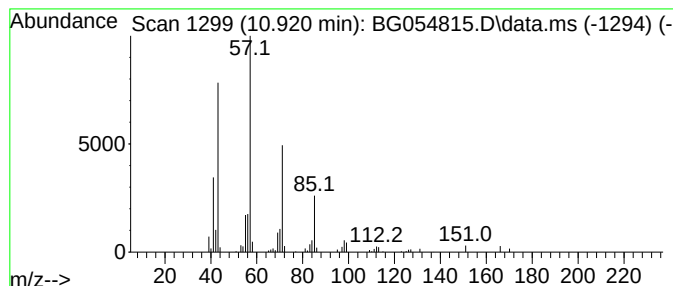
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Dodecane Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.920 | 4.96 ng | 136383 | Naphthalene-d8   | 10.979 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane                  | 170 | C12H26  | 000112-40-3 | 93   |
| 2    |    |   | Hexadecane                | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |    |   | Decane, 3,6-dimethyl-     | 170 | C12H26  | 017312-53-7 | 87   |
| 4    |    |   | Tridecane                 | 184 | C13H28  | 000629-50-5 | 86   |
| 5    |    |   | Decane, 6-ethyl-2-methyl- | 184 | C13H28  | 062108-21-8 | 83   |



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Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

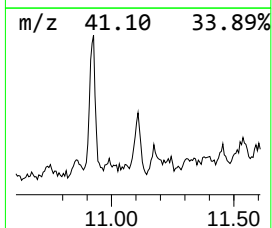
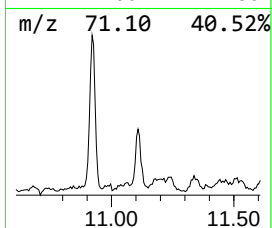
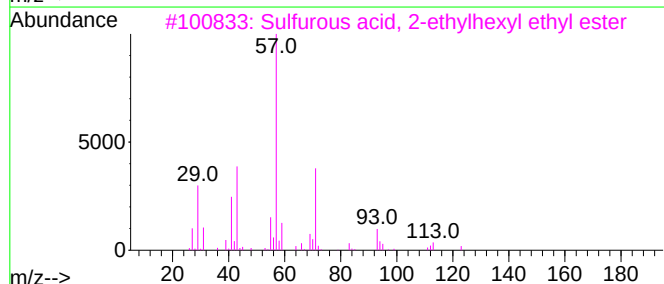
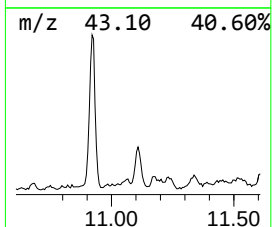
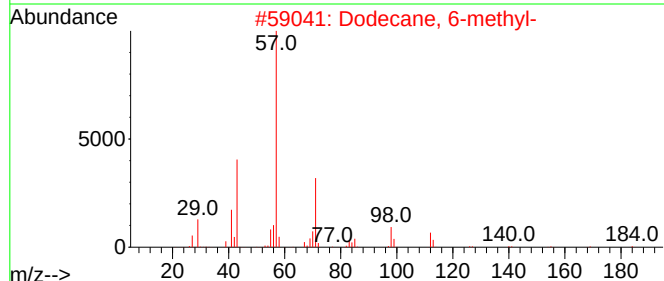
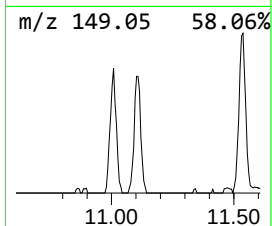
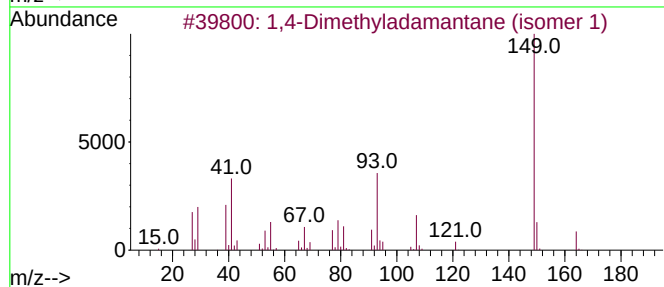
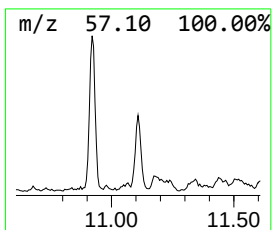
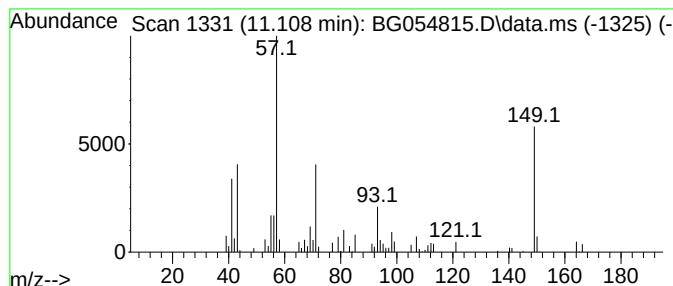
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown11.108 Concentration Rank 13

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.108 | 3.38 ng | 92967 | Naphthalene-d8   | 10.979 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1,4-Dimethyladamantane (isomer 1)   | 164 | C12H20    | 1000460-67-0 | 38   |
| 2    |    |   | Dodecane, 6-methyl-                 | 184 | C13H28    | 006044-71-9  | 35   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl eth... | 222 | C10H22O3S | 1000309-18-6 | 35   |
| 4    |    |   | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 35   |
| 5    |    |   | Decane, 2,5,9-trimethyl-            | 184 | C13H28    | 062108-22-9  | 27   |



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Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

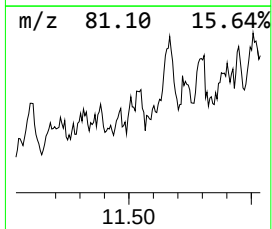
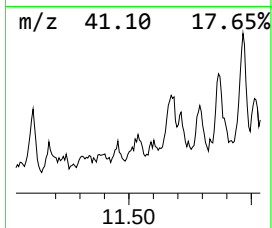
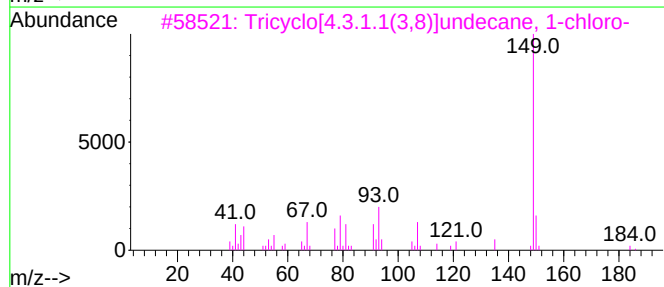
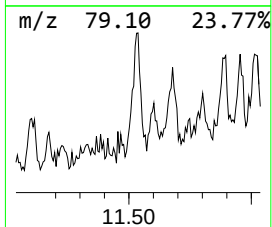
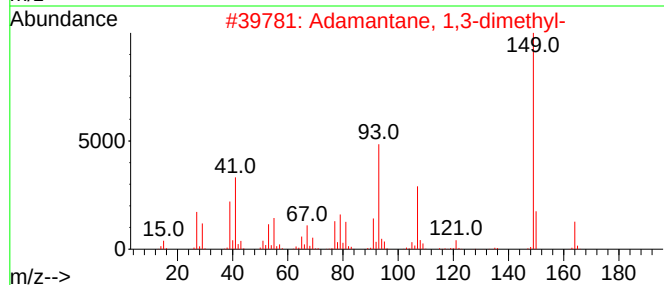
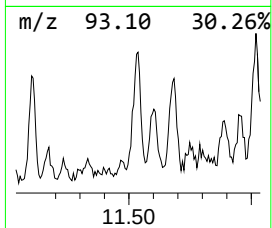
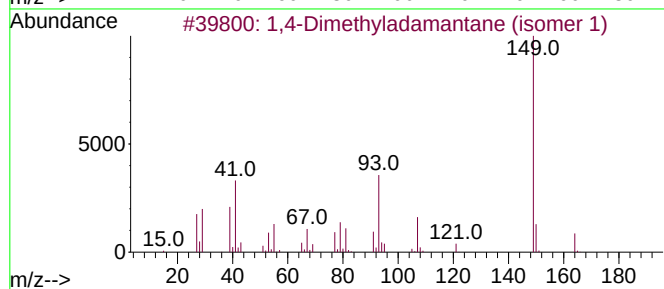
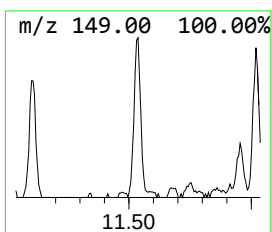
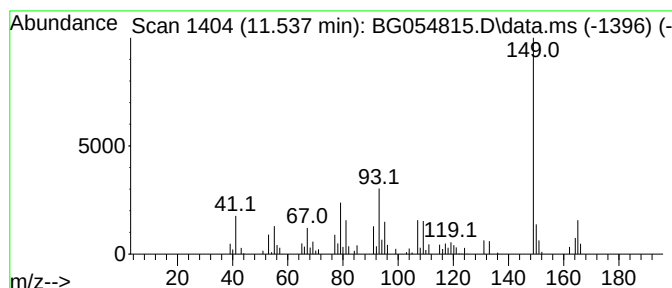
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 1,4-Dimethyladamantane (iso... Concentration Rank 15

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 11.537    | 2.89 ng                             | 79350 | Naphthalene-d8   | 10.979       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | 1,4-Dimethyladamantane (isomer 1)   | 164   | C12H20           | 1000460-67-0 | 93   |
| 2         | Adamantane, 1,3-dimethyl-           | 164   | C12H20           | 000702-79-4  | 50   |
| 3         | Tricyclo[4.3.1.1(3,8)]undecane, ... | 184   | C11H17Cl         | 027011-46-7  | 50   |
| 4         | Pyridine, pentamethyl-              | 149   | C10H15N          | 003748-83-2  | 50   |
| 5         | Benzothiazole, 2-methyl-            | 149   | C8H7NS           | 000120-75-2  | 46   |



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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

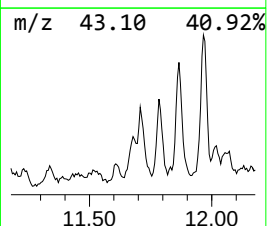
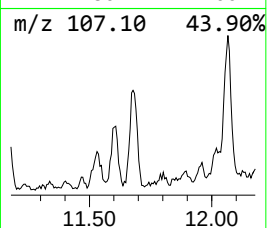
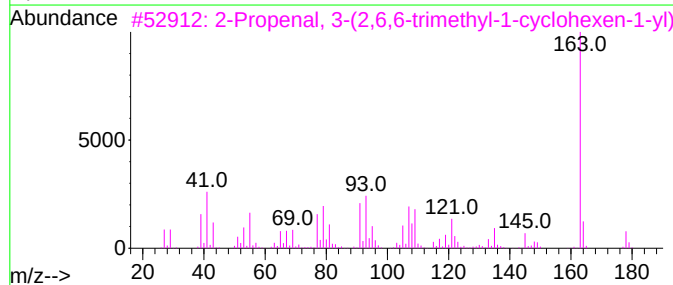
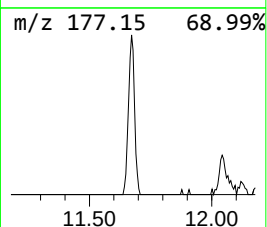
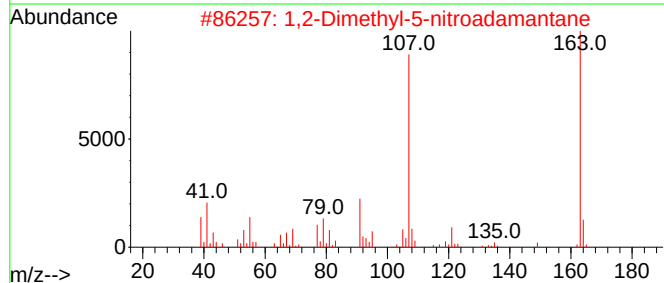
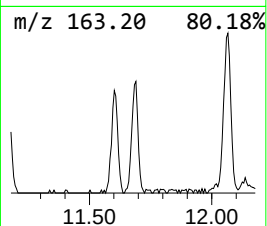
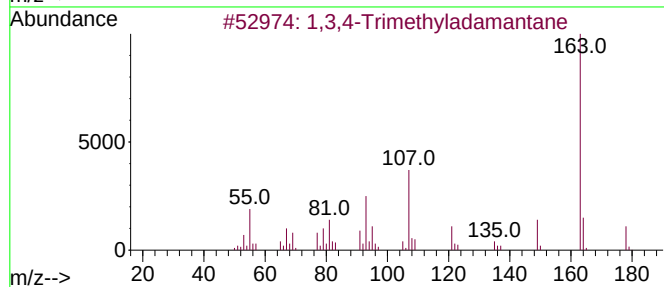
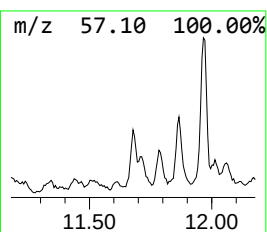
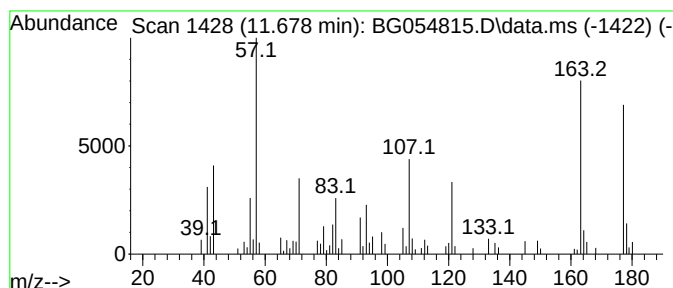
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown11.678 Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.678 | 3.64 ng | 100168 | Naphthalene-d8   | 10.979 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1,3,4-Trimethyladamantane           | 178 | C13H22    | 1000214-98-3 | 43   |
| 2    |    |   | 1,2-Dimethyl-5-nitroadamantane      | 209 | C12H19NO2 | 006588-68-7  | 35   |
| 3    |    |   | 2-Propenal, 3-(2,6,6-trimethyl-1... | 178 | C12H18O   | 004951-40-0  | 27   |
| 4    |    |   | Phenol, 2,5-bis(1-methylethyl)-     | 178 | C12H18O   | 035946-91-9  | 27   |
| 5    |    |   | Pyrido[2,3-d]pyridazine-5(6H)-th... | 163 | C7H5N3S   | 015370-85-1  | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

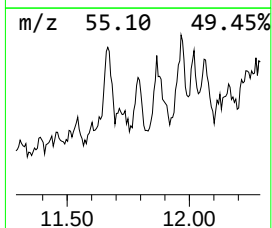
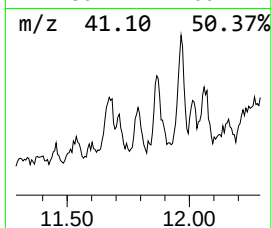
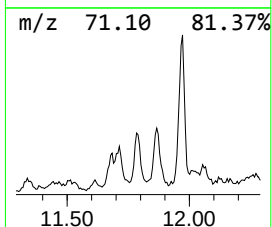
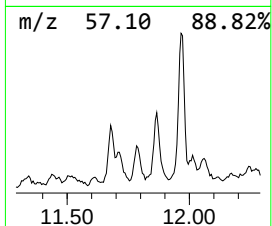
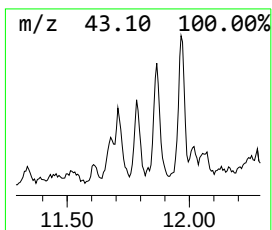
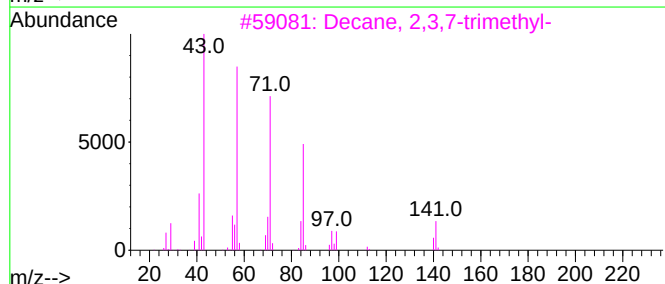
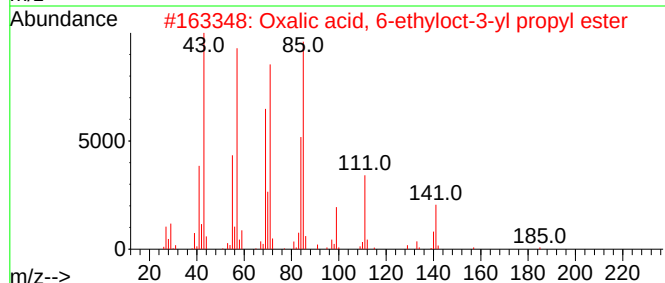
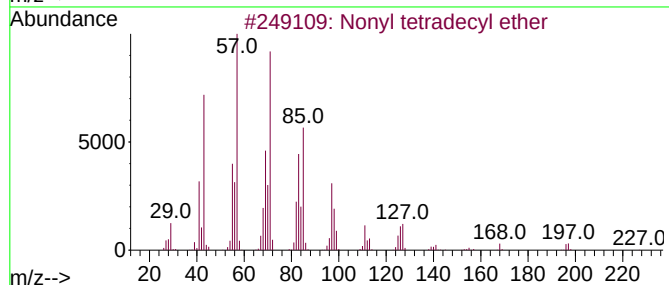
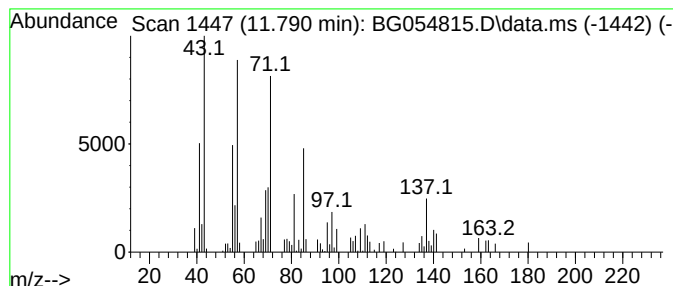
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Nonyl tetradecyl ether Concentration Rank 16

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.790 | 2.17 ng | 59566 | Naphthalene-d8   | 10.979 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonyl tetradecyl ether              | 340 | C23H48O  | 1000406-37-6 | 53   |
| 2    |    |   | Oxalic acid, 6-ethyloct-3-yl pro... | 272 | C15H28O4 | 1000309-34-0 | 50   |
| 3    |    |   | Decane, 2,3,7-trimethyl-            | 184 | C13H28   | 062238-13-5  | 50   |
| 4    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 47   |
| 5    |    |   | Decane, 2,4-dimethyl-               | 170 | C12H26   | 002801-84-5  | 43   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

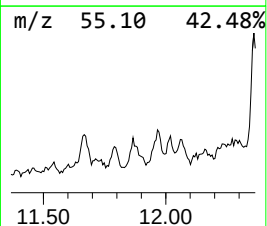
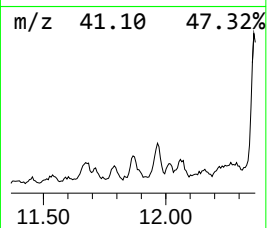
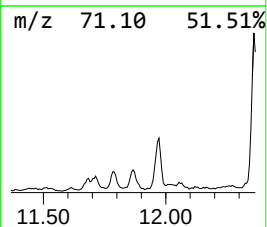
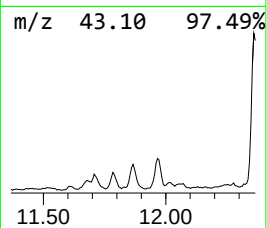
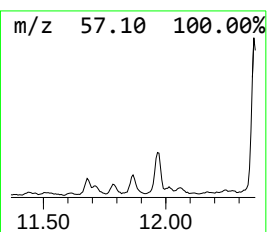
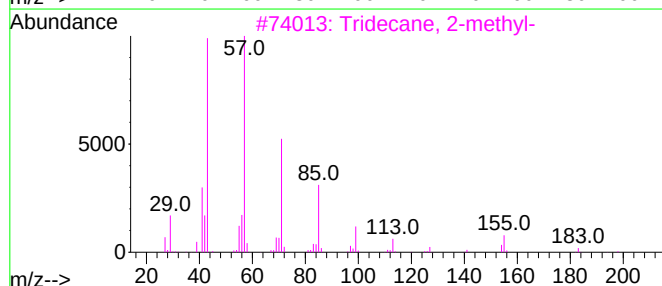
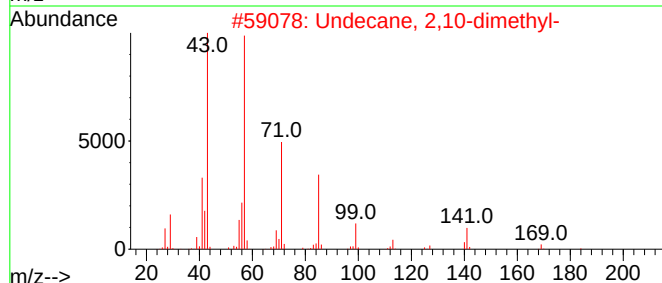
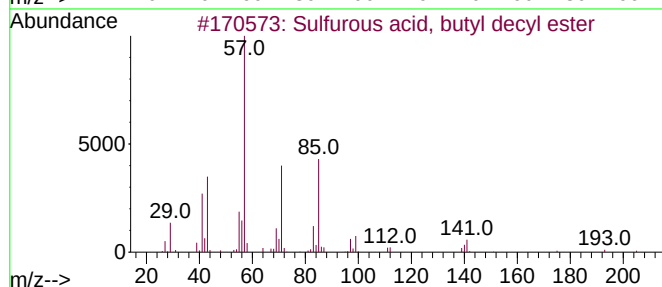
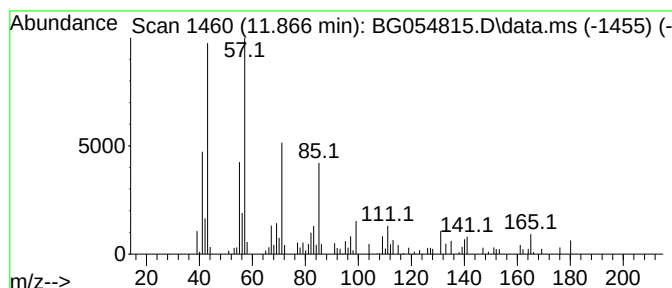
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Sulfurous acid, butyl decyl... Concentration Rank 11

| R.T.      | EstConc                            | Area   | Relative to ISTD | R.T.         |      |
|-----------|------------------------------------|--------|------------------|--------------|------|
| 11.866    | 4.37 ng                            | 120229 | Naphthalene-d8   | 10.979       |      |
| Hit# of 5 | Tentative ID                       | MW     | MolForm          | CAS#         | Qual |
| 1         | Sulfurous acid, butyl decyl ester  | 278    | C14H30O3S        | 1000309-17-7 | 68   |
| 2         | Undecane, 2,10-dimethyl-           | 184    | C13H28           | 017301-27-8  | 64   |
| 3         | Tridecane, 2-methyl-               | 198    | C14H30           | 001560-96-9  | 64   |
| 4         | Carbonic acid, decyl undecyl ester | 356    | C22H44O3         | 1000383-16-0 | 59   |
| 5         | Decane, 1-iodo-                    | 268    | C10H21I          | 002050-77-3  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

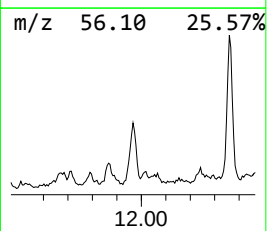
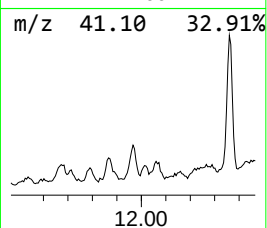
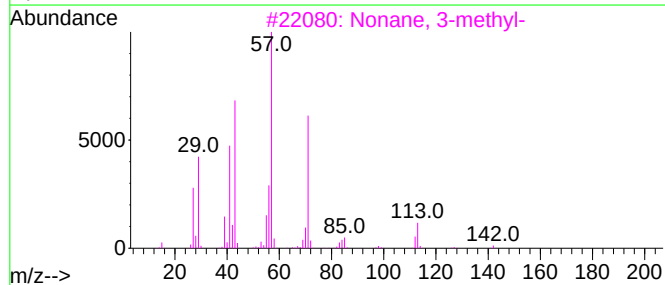
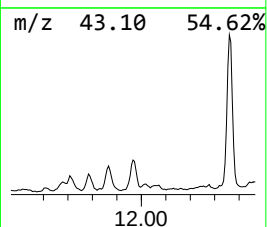
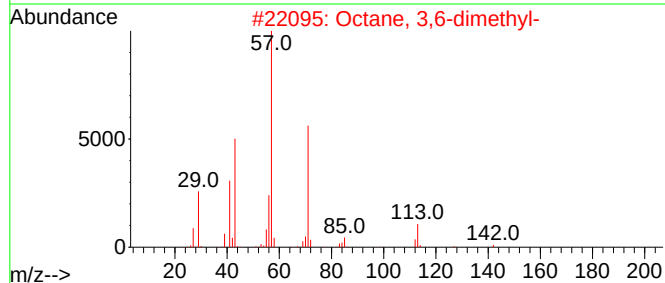
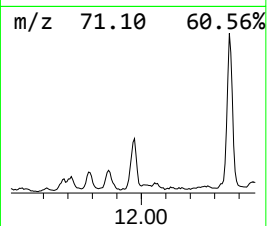
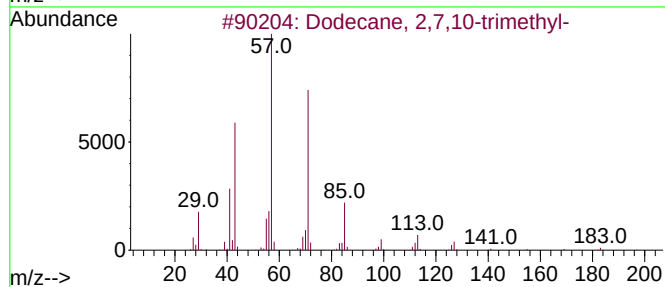
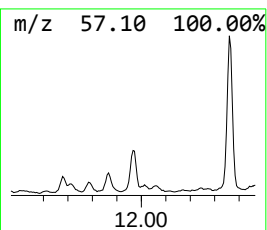
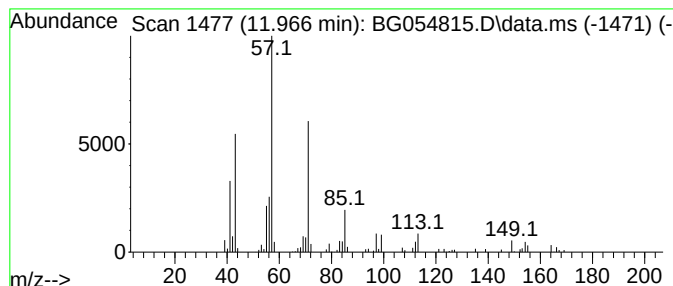
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.966 | 5.06 ng | 139048 | Naphthalene-d8   | 10.979 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32    | 074645-98-0  | 72   |
| 2    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 53   |
| 3    |    |   | Nonane, 3-methyl-                   | 142 | C10H22    | 005911-04-6  | 53   |
| 4    |    |   | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 50   |
| 5    |    |   | Undecane, 2,9-dimethyl-             | 184 | C13H28    | 017301-26-7  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

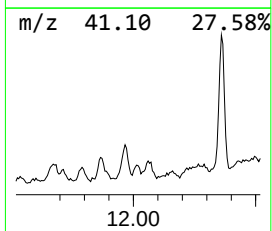
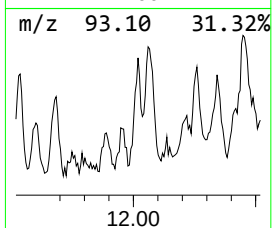
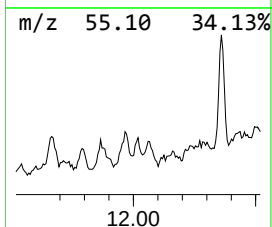
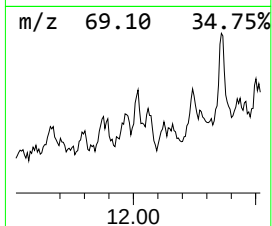
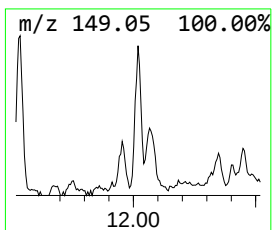
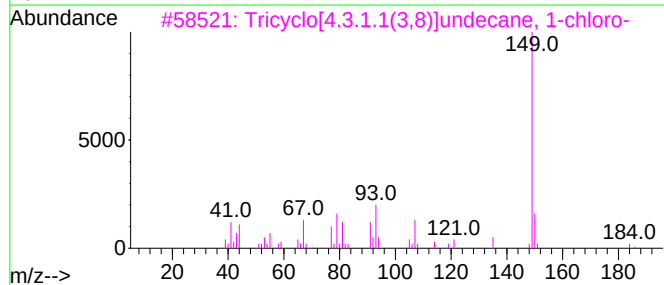
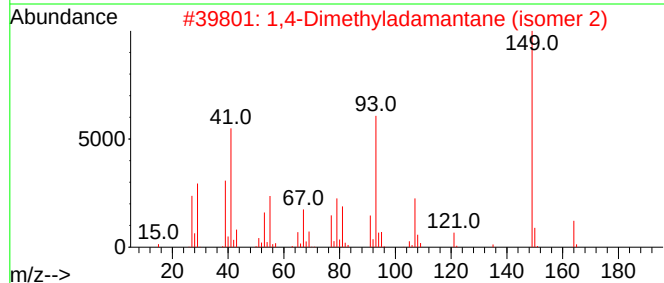
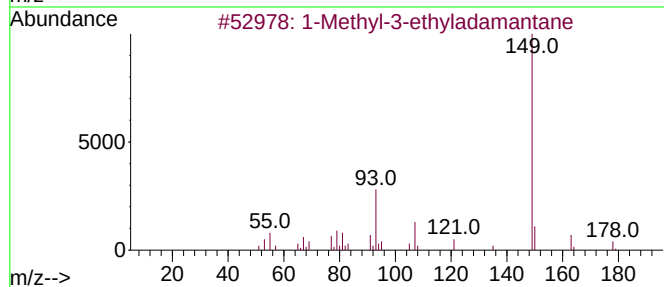
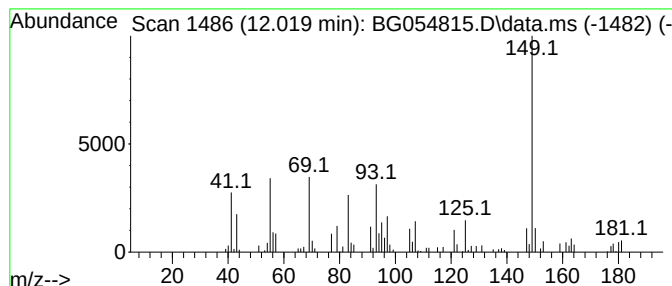
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 1-Methyl-3-ethyladamantane Concentration Rank 14

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.019 | 2.95 ng | 81117 | Naphthalene-d8   | 10.979 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1-Methyl-3-ethyladamantane          | 178 | C13H22   | 001687-34-9  | 58   |
| 2    |    |   | 1,4-Dimethyladamantane (isomer 2)   | 164 | C12H20   | 1000460-67-1 | 53   |
| 3    |    |   | Tricyclo[4.3.1.1(3,8)]undecane, ... | 184 | C11H17Cl | 027011-46-7  | 47   |
| 4    |    |   | Benzenemethanol, 4-(1,1-dimethyl... | 164 | C11H16O  | 000877-65-6  | 46   |
| 5    |    |   | Diethyl Phthalate                   | 222 | C12H14O4 | 000084-66-2  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

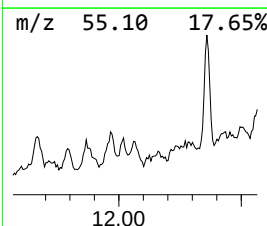
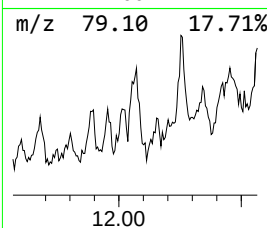
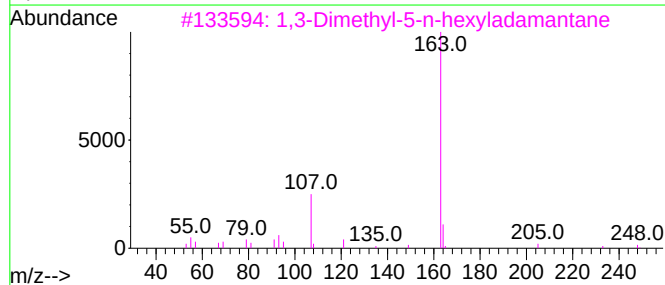
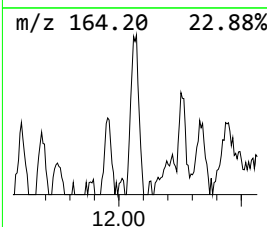
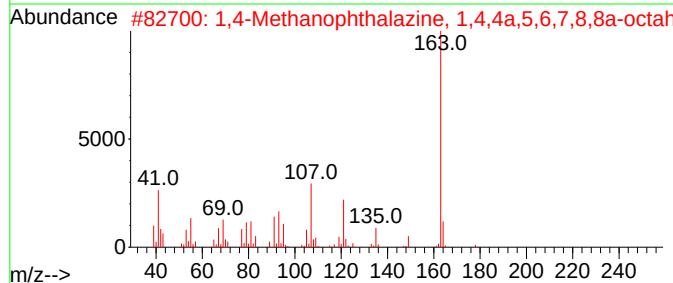
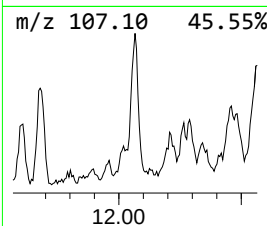
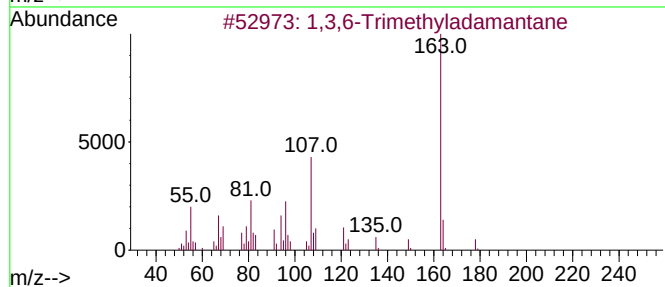
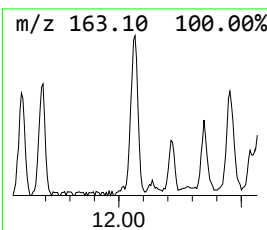
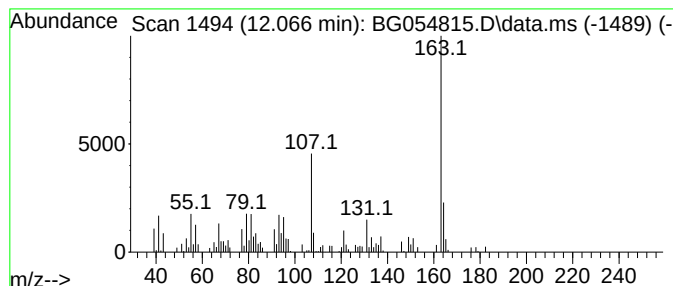
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 1,3,6-Trimethyladamantane Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.066 | 4.90 ng | 134690 | Naphthalene-d8   | 10.979 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 1,3,6-Trimethyladamantane           | 178 | C13H22    | 024139-37-5 | 64   |
| 2    |    |   | 1,4-Methanophthalazine, 1,4,4a,5... | 206 | C13H22N2  | 109746-14-7 | 45   |
| 3    |    |   | 1,3-Dimethyl-5-n-hexyladamantane    | 248 | C18H32    | 052873-50-4 | 45   |
| 4    |    |   | 1,3-Dimethyl-5-ethyladamantane      | 192 | C14H24    | 001687-35-0 | 45   |
| 5    |    |   | 1,2-Dimethyl-5-nitroadamantane      | 209 | C12H19NO2 | 006588-68-7 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

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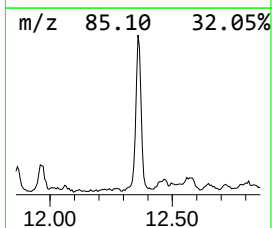
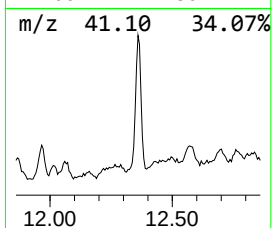
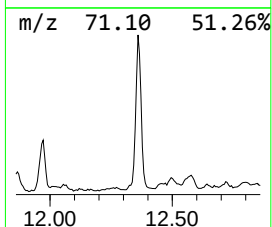
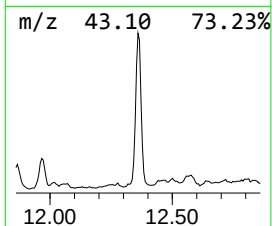
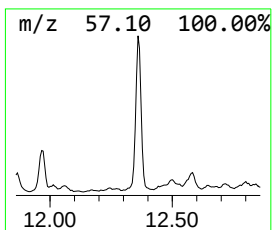
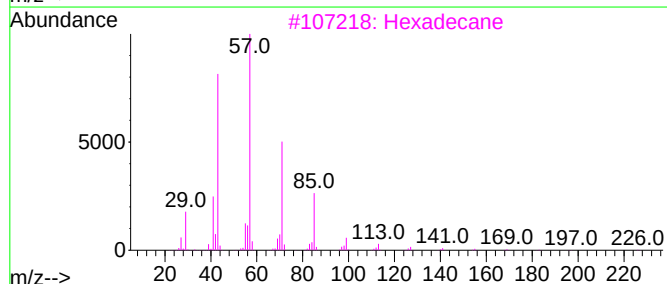
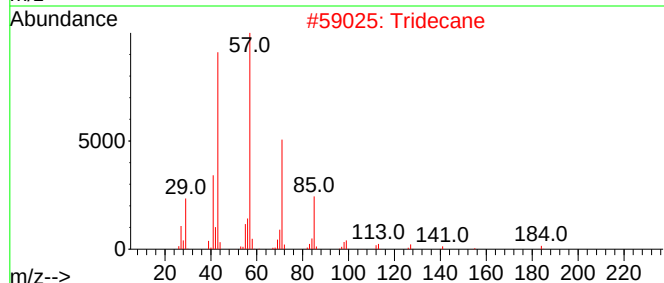
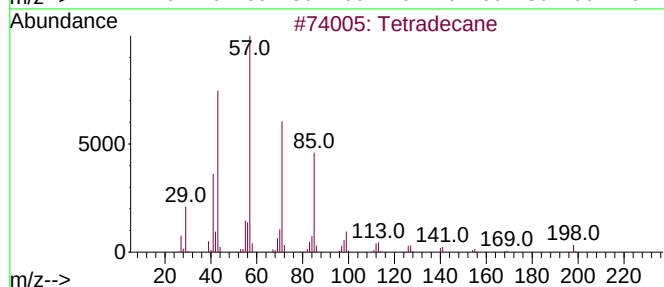
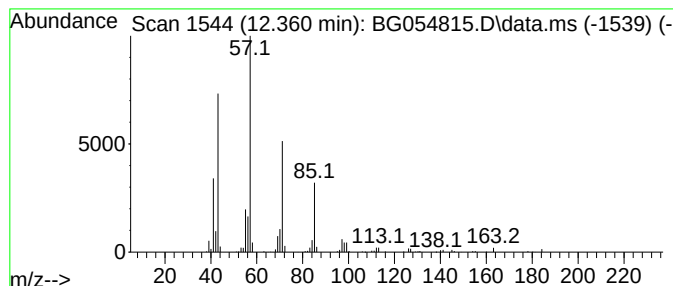
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Tetradecane Concentration Rank 7

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.360 | 13.58 ng | 373213 | Naphthalene-d8   | 10.979 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane             | 198 | C14H30  | 000629-59-4 | 86   |
| 2    |    |   | Tridecane               | 184 | C13H28  | 000629-50-5 | 81   |
| 3    |    |   | Hexadecane              | 226 | C16H34  | 000544-76-3 | 80   |
| 4    |    |   | Undecane, 2,6-dimethyl- | 184 | C13H28  | 017301-23-4 | 74   |
| 5    |    |   | Dodecane, 2-methyl-     | 184 | C13H28  | 001560-97-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

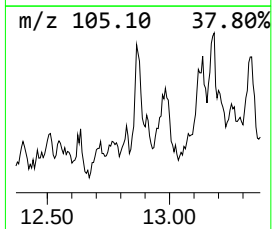
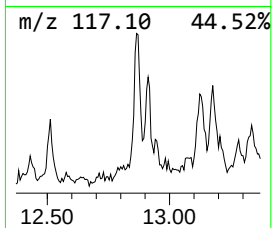
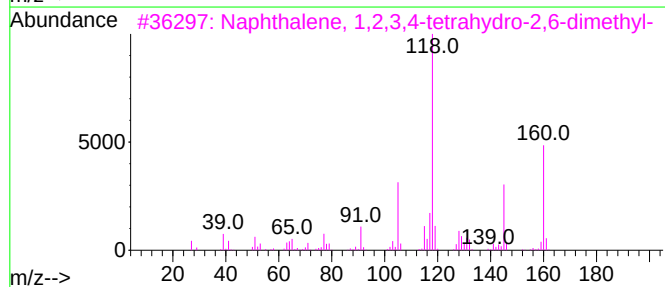
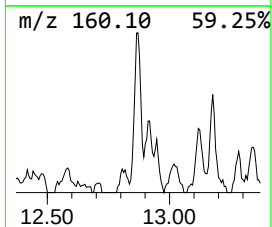
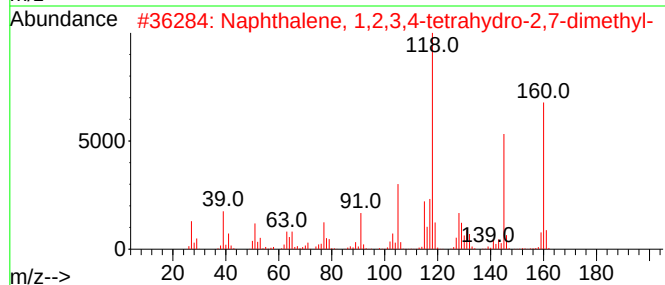
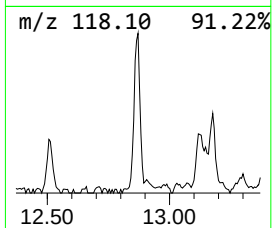
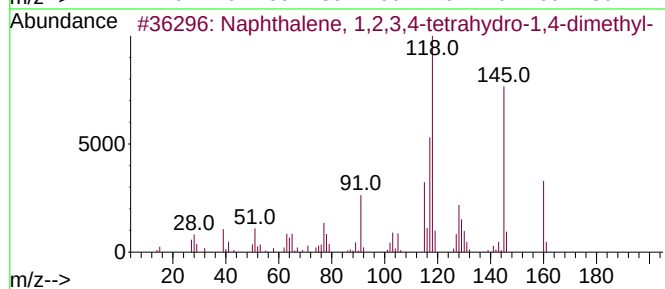
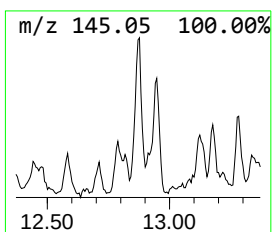
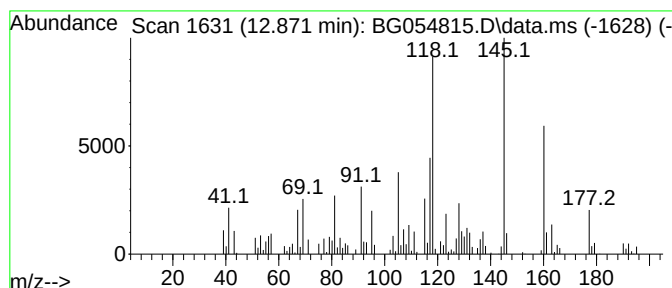
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 17

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.871 | 2.14 ng | 58743 | Naphthalene-d8   | 10.979 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 72   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 49   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 007524-63-2 | 46   |
| 4    |    |   | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16  | 001129-29-9 | 46   |
| 5    |    |   | Benzene, 1-(1-methylethenyl)-4-(... | 160 | C12H16  | 002388-14-9 | 41   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

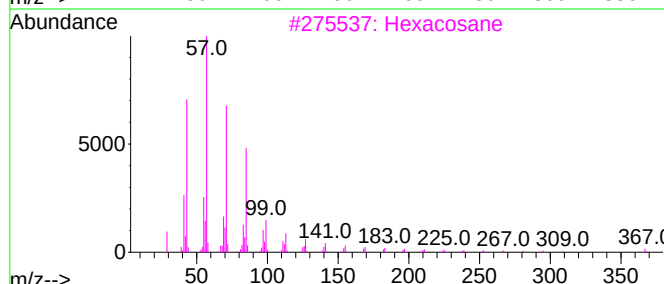
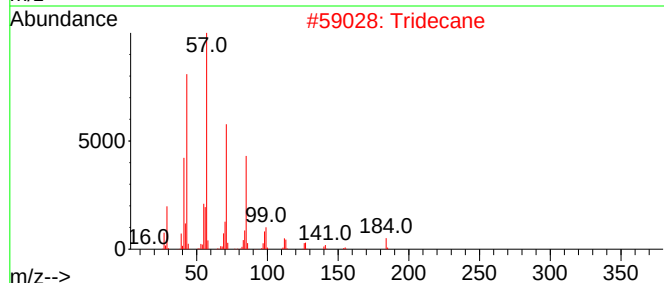
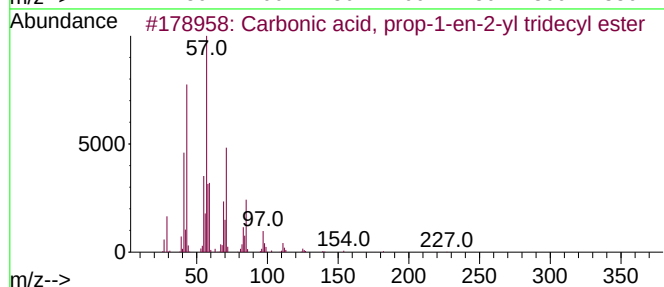
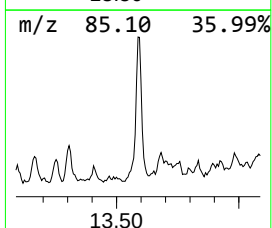
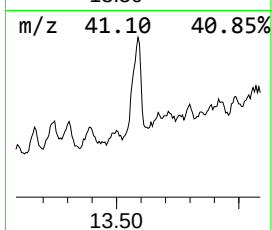
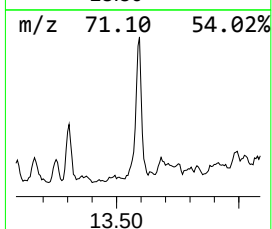
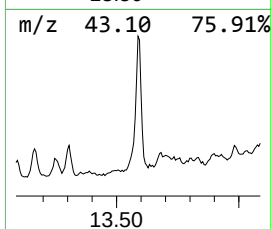
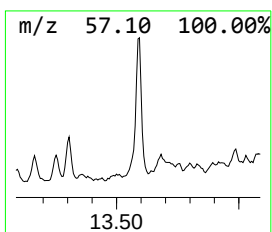
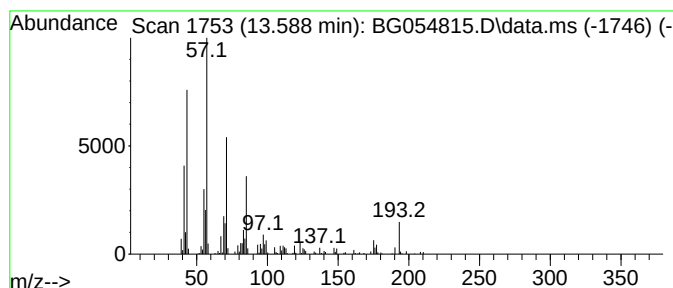
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Carbonic acid, prop-1-en-2-... Concentration Rank 4

| R.T.      | EstConc                             | Area   | Relative to ISTD |          | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|----------|--------------|------|
| 13.588    | 19.34 ng                            | 521196 | Acenaphthene-d10 |          | 14.786       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm  | CAS#         | Qual |
| 1         | Carbonic acid, prop-1-en-2-yl tr... |        | 284              | C17H32O3 | 1000382-90-8 | 74   |
| 2         | Tridecane                           |        | 184              | C13H28   | 000629-50-5  | 64   |
| 3         | Hexacosane                          |        | 366              | C26H54   | 000630-01-3  | 64   |
| 4         | Heptacosane                         |        | 380              | C27H56   | 000593-49-7  | 64   |
| 5         | Hexadecane, 1-chloro-               |        | 260              | C16H33Cl | 004860-03-1  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

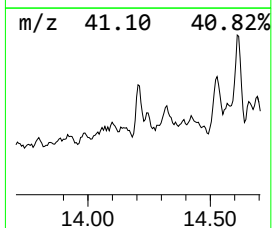
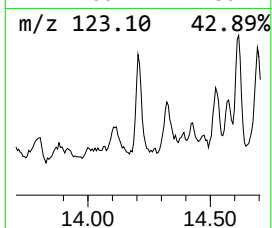
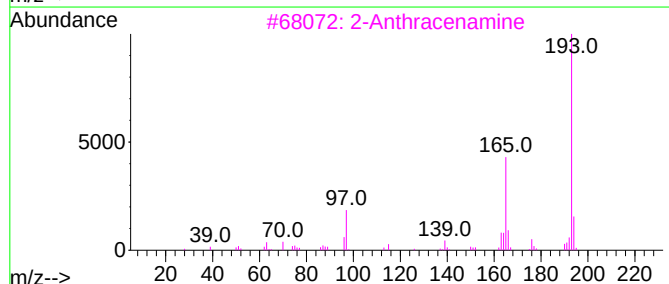
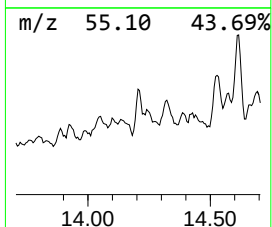
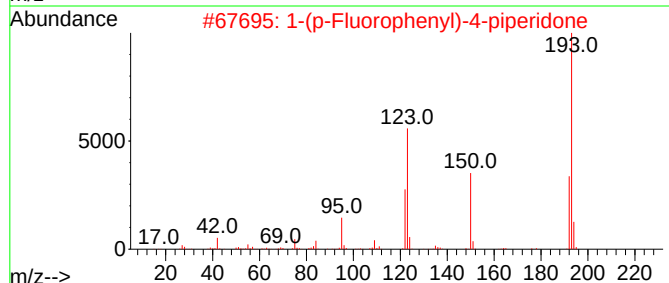
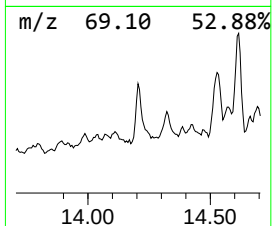
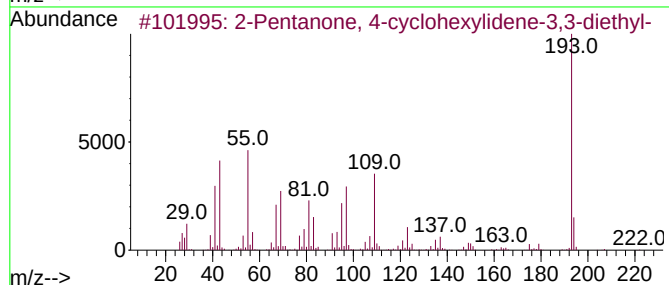
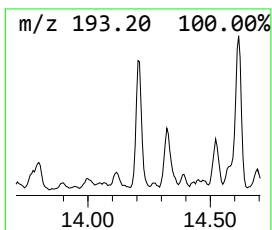
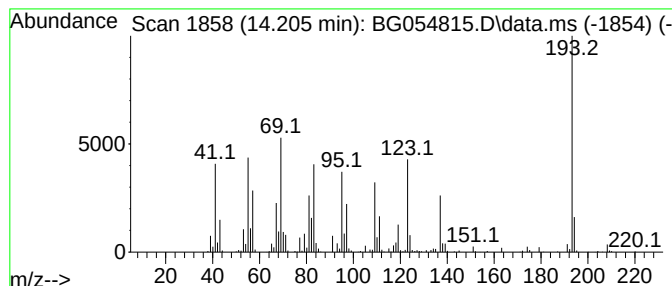
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 unknown14.205 Concentration Rank 5

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.205 | 17.36 ng | 467897 | Acenaphthene-d10 | 14.786 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|------|-------------------------------------|-----|-------------|--------------|------|
| 1    |      | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O     | 313253-65-5  | 47   |
| 2    |      | 1-(p-Fluorophenyl)-4-piperidone     | 193 | C11H12FNO   | 1000238-56-7 | 43   |
| 3    |      | 2-Anthracenamine                    | 193 | C14H11N     | 000613-13-8  | 30   |
| 4    |      | 6-Methylphenanthridine              | 193 | C14H11N     | 003955-65-5  | 25   |
| 5    |      | diallyl(2,2,4a,7,7-pentamethyl-1... | 384 | C19H33N2O4P | 1000187-42-4 | 25   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

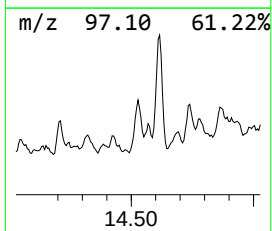
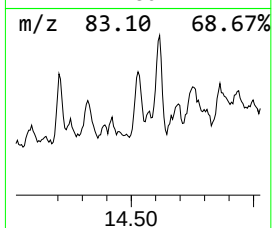
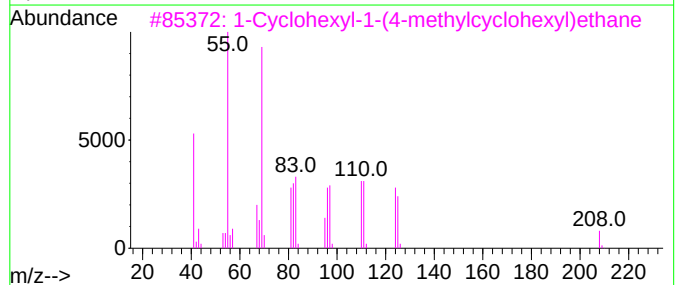
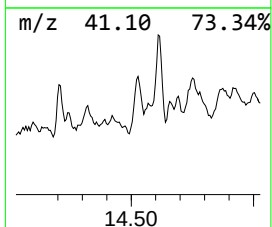
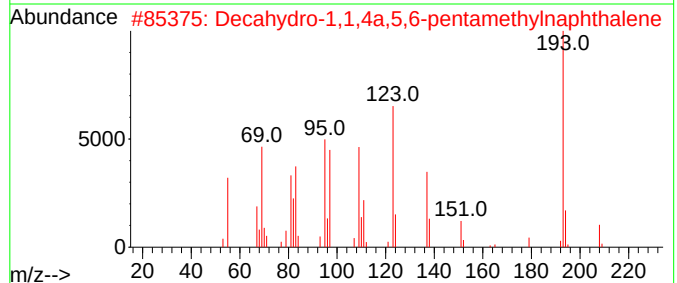
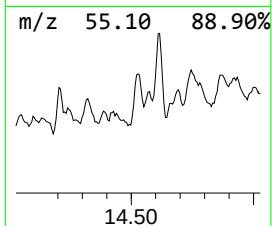
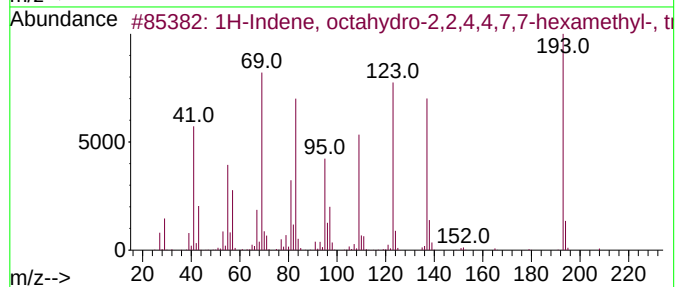
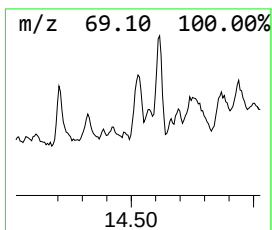
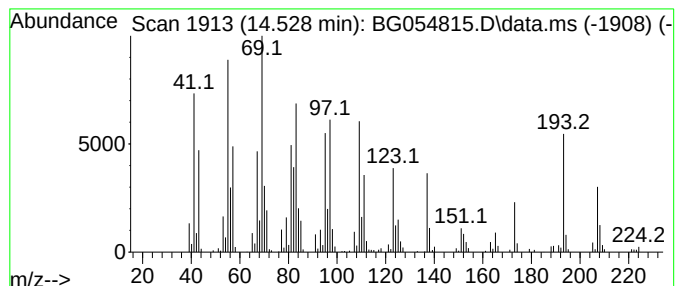
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 1H-Indene, octahydro-2,2,4,... Concentration Rank 2

| R.T.   | EstConc  | Area                                | Relative to ISTD |         | R.T.        |      |
|--------|----------|-------------------------------------|------------------|---------|-------------|------|
| 14.528 | 20.51 ng | 552747                              | Acenaphthene-d10 |         | 14.786      |      |
| Hit#   | of 5     | Tentative ID                        | MW               | MolForm | CAS#        | Qual |
| 1      |          | 1H-Indene, octahydro-2,2,4,4,7,7... | 208              | C15H28  | 054832-83-6 | 50   |
| 2      |          | Decahydro-1,1,4a,5,6-pentamethyl... | 208              | C15H28  | 080655-44-3 | 27   |
| 3      |          | 1-Cyclohexyl-1-(4-methylcyclohex... | 208              | C15H28  | 002027-12-5 | 22   |
| 4      |          | 1,7-Dimethyl-4-(1-methylethyl)cy... | 210              | C15H30  | 000645-10-3 | 22   |
| 5      |          | Cyclohexane, 1,2-dimethyl-3-pent... | 224              | C16H32  | 062376-17-4 | 15   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

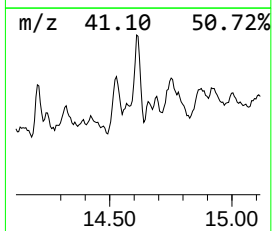
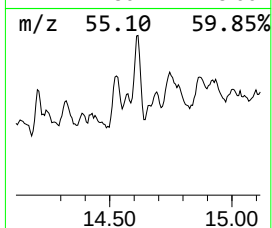
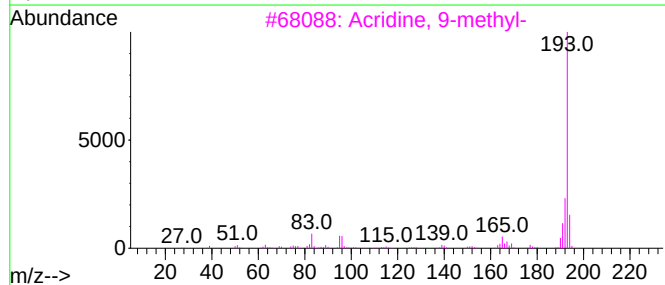
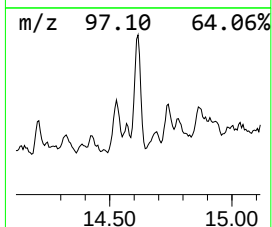
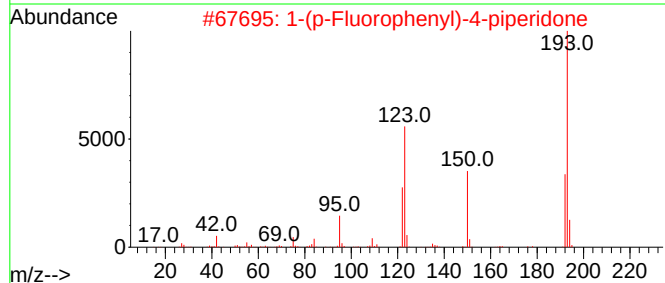
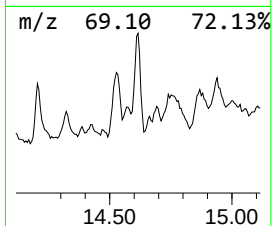
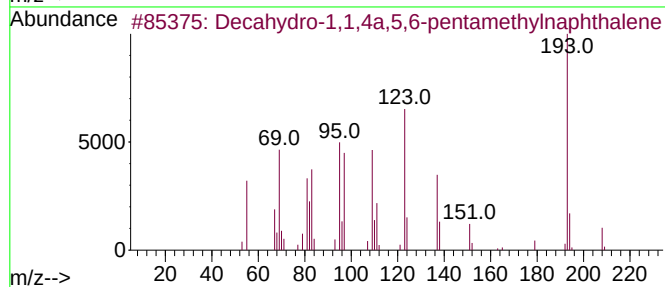
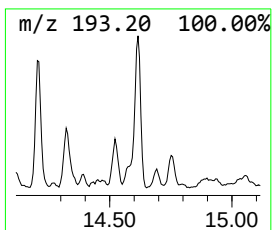
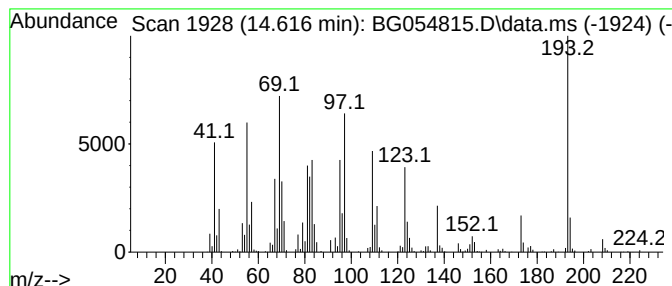
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD |           | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|-----------|--------------|------|
| 14.616    | 30.38 ng                            | 818608 | Acenaphthene-d10 |           | 14.786       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm   | CAS#         | Qual |
| 1         | Decahydro-1,1,4a,5,6-pentamethyl... |        | 208              | C15H28    | 080655-44-3  | 52   |
| 2         | 1-(p-Fluorophenyl)-4-piperidone     |        | 193              | C11H12FNO | 1000238-56-7 | 27   |
| 3         | Acridine, 9-methyl-                 |        | 193              | C14H11N   | 000611-64-3  | 22   |
| 4         | Bicyclo[3.1.1]heptane, 2,6,6-tri... |        | 138              | C10H18    | 000473-55-2  | 18   |
| 5         | Bicyclo[3.1.1]heptane, 2,6,6-tri... |        | 138              | C10H18    | 006876-13-7  | 18   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

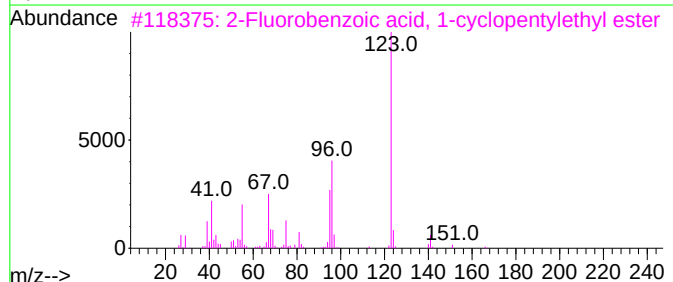
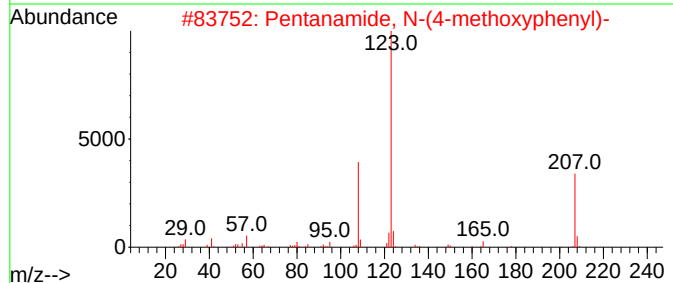
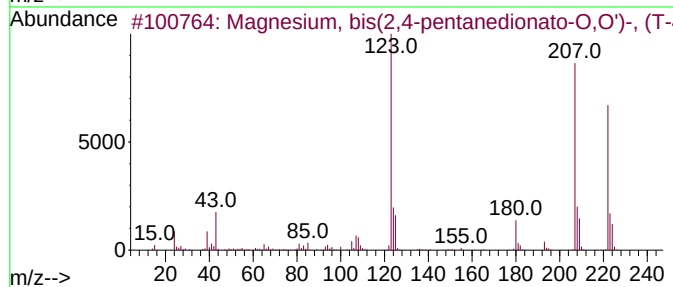
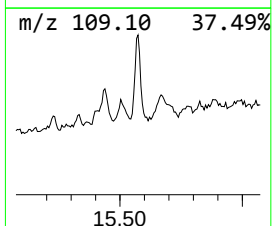
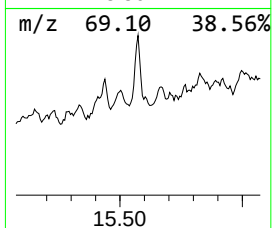
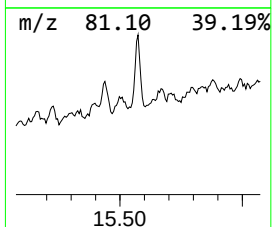
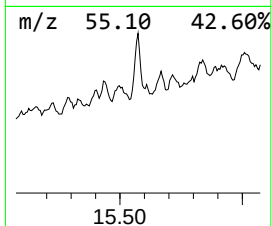
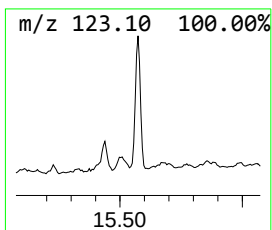
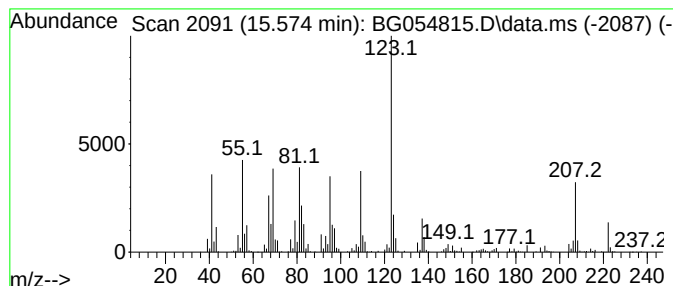
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Magnesium, bis(2,4-pentaned... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 15.574    | 20.50 ng                            | 552465 | Acenaphthene-d10 | 14.786       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Magnesium, bis(2,4-pentanedionat... | 222    | C10H14MgO4       | 014024-56-7  | 50   |
| 2         | Pentanamide, N-(4-methoxyphenyl)-   | 207    | C12H17NO2        | 1000306-89-3 | 47   |
| 3         | 2-Fluorobenzoic acid, 1-cyclopen... | 236    | C14H17FO2        | 1000278-98-2 | 47   |
| 4         | 1-Butanone, 1-bicyclo[4.1.0]hept... | 166    | C11H18O          | 054764-62-4  | 47   |
| 5         | 3-Fluorobenzoic acid, 1-cyclopen... | 236    | C14H17FO2        | 1000279-04-7 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
Data File : BG054815.D  
Acq On : 31 Aug 2022 20:55  
Operator : CG/JU  
Sample : N4426-01 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-344

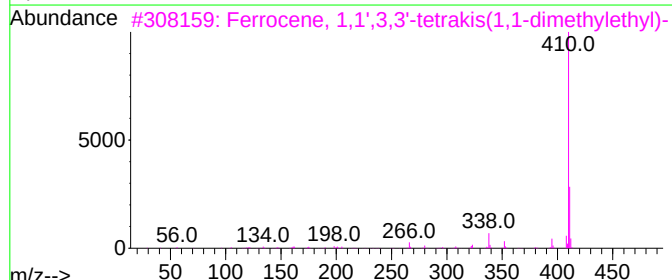
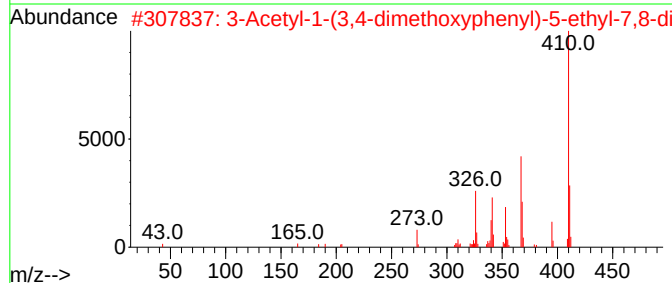
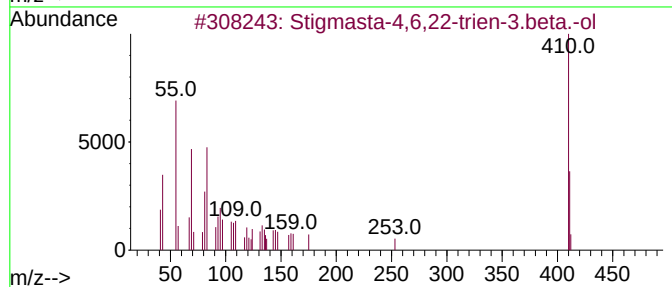
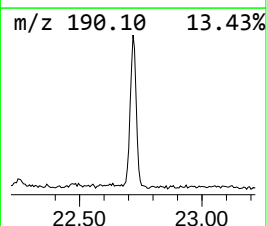
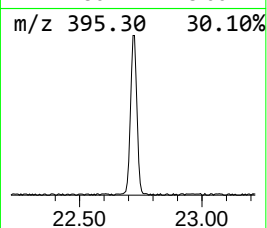
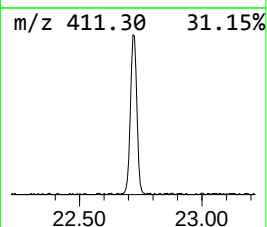
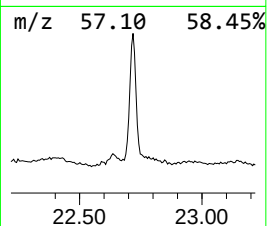
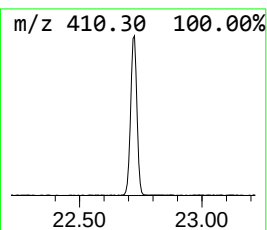
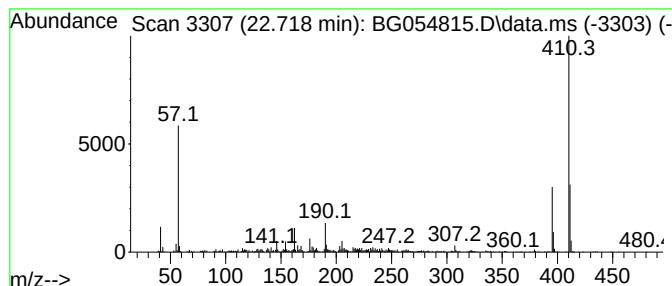
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Stigmasta-4,6,22-trien-3.be... Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD |            | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|------------|--------------|------|
| 22.718    | 13.79 ng                            | 869646 | Chrysene-d12     |            | 21.831       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm    | CAS#         | Qual |
| 1         | Stigmasta-4,6,22-trien-3.beta.-ol   |        | 410              | C29H46O    | 096737-58-5  | 53   |
| 2         | 3-Acetyl-1-(3,4-dimethoxyphenyl)... |        | 410              | C23H26N2O5 | 090140-65-1  | 53   |
| 3         | Ferrocene, 1,1',3,3'-tetrakis(1,... |        | 410              | C26H42Fe   | 001317-17-5  | 52   |
| 4         | 2'-Hydroxy-3,3',4'-trimethoxycha... |        | 410              | C20H17F3O6 | 1010453-84-8 | 49   |
| 5         | Stigmasta-4,6,22-trien-3.alpha.-ol  |        | 410              | C29H46O    | 1000103-93-1 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083122\  
 Data File : BG054815.D  
 Acq On : 31 Aug 2022 20:55  
 Operator : CG/JU  
 Sample : N4426-01 10X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-344

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.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 |
| Dodecane           | 10.920 | 5.0     | ng    | 136383   | 2                     | 10.979 | 549629  | 20.0 |
| unknown11.108      | 11.108 | 3.4     | ng    | 92967    | 2                     | 10.979 | 549629  | 20.0 |
| 1,4-Dimethylada... | 11.537 | 2.9     | ng    | 79350    | 2                     | 10.979 | 549629  | 20.0 |
| unknown11.678      | 11.678 | 3.6     | ng    | 100168   | 2                     | 10.979 | 549629  | 20.0 |
| Nonyl tetradecy... | 11.790 | 2.2     | ng    | 59566    | 2                     | 10.979 | 549629  | 20.0 |
| Sulfurous acid,... | 11.866 | 4.4     | ng    | 120229   | 2                     | 10.979 | 549629  | 20.0 |
| Dodecane, 2,7,1... | 11.966 | 5.1     | ng    | 139048   | 2                     | 10.979 | 549629  | 20.0 |
| 1-Methyl-3-ethy... | 12.019 | 3.0     | ng    | 81117    | 2                     | 10.979 | 549629  | 20.0 |
| 1,3,6-Trimethyl... | 12.066 | 4.9     | ng    | 134690   | 2                     | 10.979 | 549629  | 20.0 |
| Tetradecane        | 12.360 | 13.6    | ng    | 373213   | 2                     | 10.979 | 549629  | 20.0 |
| Naphthalene, 1,... | 12.871 | 2.1     | ng    | 58743    | 2                     | 10.979 | 549629  | 20.0 |
| Carbonic acid, ... | 13.588 | 19.3    | ng    | 521196   | 3                     | 14.786 | 538898  | 20.0 |
| unknown14.205      | 14.205 | 17.4    | ng    | 467897   | 3                     | 14.786 | 538898  | 20.0 |
| 1H-Indene, octa... | 14.528 | 20.5    | ng    | 552747   | 3                     | 14.786 | 538898  | 20.0 |
| Decahydro-1,1,4... | 14.616 | 30.4    | ng    | 818608   | 3                     | 14.786 | 538898  | 20.0 |
| Magnesium, bis(... | 15.574 | 20.5    | ng    | 552465   | 3                     | 14.786 | 538898  | 20.0 |
| Stigmasta-4,6,2... | 22.718 | 13.8    | ng    | 869646   | 5                     | 21.831 | 1261630 | 20.0 |