

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
 Data File : BF135715.D  
 Acq On : 11 Oct 2023 16:11  
 Operator : CG\JU  
 Sample : 04817-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-241

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135715.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         | 4.963       | 485           | 489         | 502          | rBV      | 425940         | 596958        | 10.66%          | 1.675%        |
| 2         | 5.375       | 556           | 559         | 580          | rBV      | 2106511        | 2246912       | 40.12%          | 6.304%        |
| 3         | 6.392       | 728           | 732         | 749          | rBV      | 2041167        | 2294218       | 40.97%          | 6.436%        |
| 4         | 6.739       | 788           | 791         | 798          | rBV      | 699715         | 581178        | 10.38%          | 1.630%        |
| 5         | 7.304       | 884           | 887         | 898          | rBV      | 1448782        | 1416279       | 25.29%          | 3.973%        |
| 6         | 8.016       | 1006          | 1008        | 1014         | rBV      | 738961         | 633899        | 11.32%          | 1.778%        |
| 7         | 8.304       | 1052          | 1057        | 1060         | rBV5     | 66754          | 75987         | 1.36%           | 0.213%        |
| 8         | 8.439       | 1075          | 1080        | 1081         | rBV2     | 107232         | 120244        | 2.15%           | 0.337%        |
| 9         | 8.551       | 1095          | 1099        | 1101         | rBV4     | 84813          | 84391         | 1.51%           | 0.237%        |
| 10        | 8.704       | 1121          | 1125        | 1128         | rVB4     | 123374         | 161156        | 2.88%           | 0.452%        |
| 11        | 8.786       | 1136          | 1139        | 1141         | rBV2     | 92761          | 94118         | 1.68%           | 0.264%        |
| 12        | 8.839       | 1146          | 1148        | 1152         | rBV2     | 196708         | 194710        | 3.48%           | 0.546%        |
| 13        | 8.892       | 1155          | 1157        | 1159         | rVV3     | 125030         | 102510        | 1.83%           | 0.288%        |
| 14        | 8.963       | 1166          | 1169        | 1171         | rBV3     | 129718         | 157545        | 2.81%           | 0.442%        |
| 15        | 9.004       | 1174          | 1176        | 1179         | rVV3     | 198788         | 152077        | 2.72%           | 0.427%        |
| 16        | 9.039       | 1179          | 1182        | 1185         | rVB      | 514178         | 426796        | 7.62%           | 1.197%        |
| 17        | 9.098       | 1185          | 1192        | 1195         | rBV      | 2354725        | 2063380       | 36.84%          | 5.789%        |
| 18        | 9.128       | 1195          | 1197        | 1200         | rVB4     | 100540         | 87062         | 1.55%           | 0.244%        |
| 19        | 9.169       | 1200          | 1204        | 1209         | rBV5     | 457071         | 925481        | 16.53%          | 2.596%        |
| 20        | 9.216       | 1209          | 1212        | 1215         | rBV2     | 478549         | 538538        | 9.62%           | 1.511%        |
| 21        | 9.369       | 1235          | 1238        | 1240         | rBV3     | 289181         | 280018        | 5.00%           | 0.786%        |
| 22        | 9.475       | 1254          | 1256        | 1258         | rBV      | 716833         | 615729        | 10.99%          | 1.727%        |
| 23        | 9.498       | 1258          | 1260        | 1263         | rVV2     | 958302         | 877297        | 15.67%          | 2.461%        |
| 24        | 9.527       | 1263          | 1265        | 1268         | rVB3     | 382441         | 355138        | 6.34%           | 0.996%        |
| 25        | 9.586       | 1273          | 1275        | 1277         | rBV3     | 192383         | 156024        | 2.79%           | 0.438%        |
| 26        | 9.639       | 1281          | 1284        | 1286         | rBV3     | 643851         | 772090        | 13.79%          | 2.166%        |
| 27        | 9.680       | 1289          | 1291        | 1294         | rVB      | 1415570        | 1244716       | 22.23%          | 3.492%        |
| 28        | 9.716       | 1294          | 1297        | 1300         | rBV3     | 489279         | 671365        | 11.99%          | 1.884%        |
| 29        | 9.751       | 1300          | 1303        | 1306         | rBV4     | 842655         | 1196916       | 21.37%          | 3.358%        |
| 30        | 9.816       | 1312          | 1314        | 1316         | rBV2     | 491579         | 356043        | 6.36%           | 0.999%        |
| 31        | 9.892       | 1324          | 1327        | 1329         | rBV2     | 356500         | 379148        | 6.77%           | 1.064%        |
| 32        | 9.980       | 1340          | 1342        | 1344         | rBV2     | 362822         | 281001        | 5.02%           | 0.788%        |
| 33        | 10.039      | 1349          | 1352        | 1355         | rBV3     | 1100764        | 1255419       | 22.42%          | 3.522%        |
| 34        | 10.110      | 1360          | 1364        | 1367         | rBV4     | 706230         | 1027840       | 18.35%          | 2.884%        |
| 35        | 10.186      | 1374          | 1377        | 1380         | rBV2     | 1020536        | 809453        | 14.45%          | 2.271%        |
| 36        | 10.451      | 1418          | 1422        | 1425         | rVB      | 2138382        | 2418684       | 43.19%          | 6.786%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

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-BF091123.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |     |         |         |         |         |
|----|--------|------|------|------|-----|---------|---------|---------|---------|
| 37 | 10.727 | 1463 | 1469 | 1475 | rBV | 3360421 | 5600193 | 100.00% | 15.711% |
| 38 | 11.204 | 1546 | 1550 | 1553 | rVB | 2503548 | 3182177 | 56.82%  | 8.928%  |
| 39 | 13.945 | 2014 | 2016 | 2022 | rVB | 533235  | 572245  | 10.22%  | 1.605%  |
| 40 | 15.409 | 2261 | 2265 | 2278 | rVB | 470760  | 639287  | 11.42%  | 1.794%  |

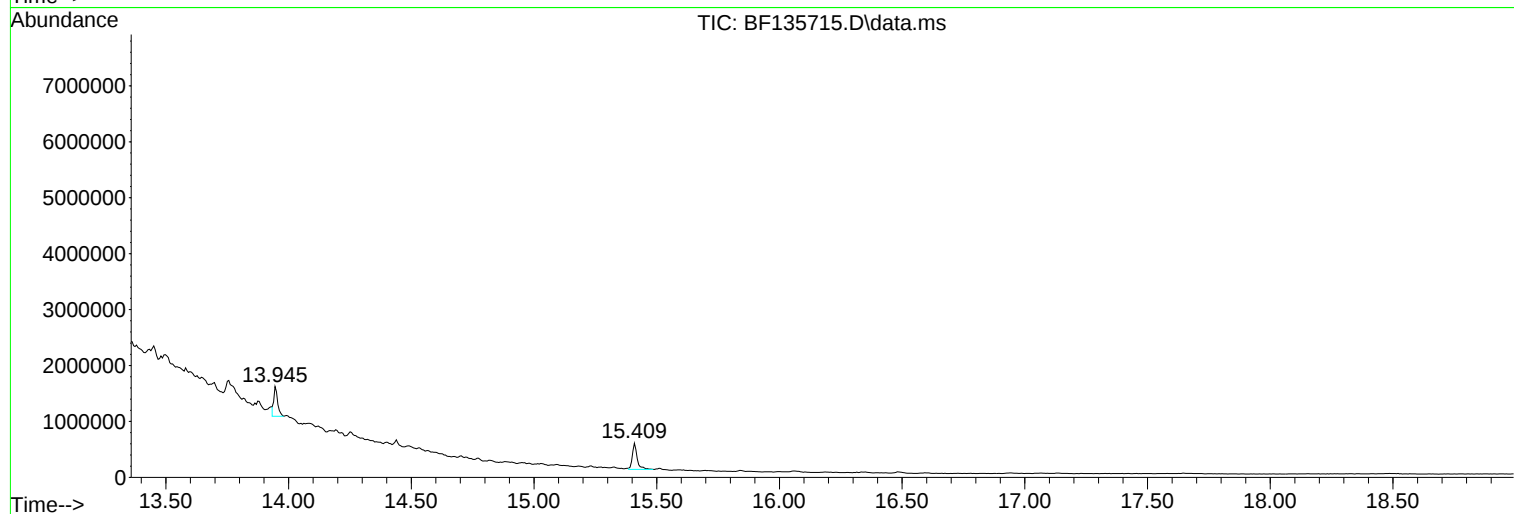
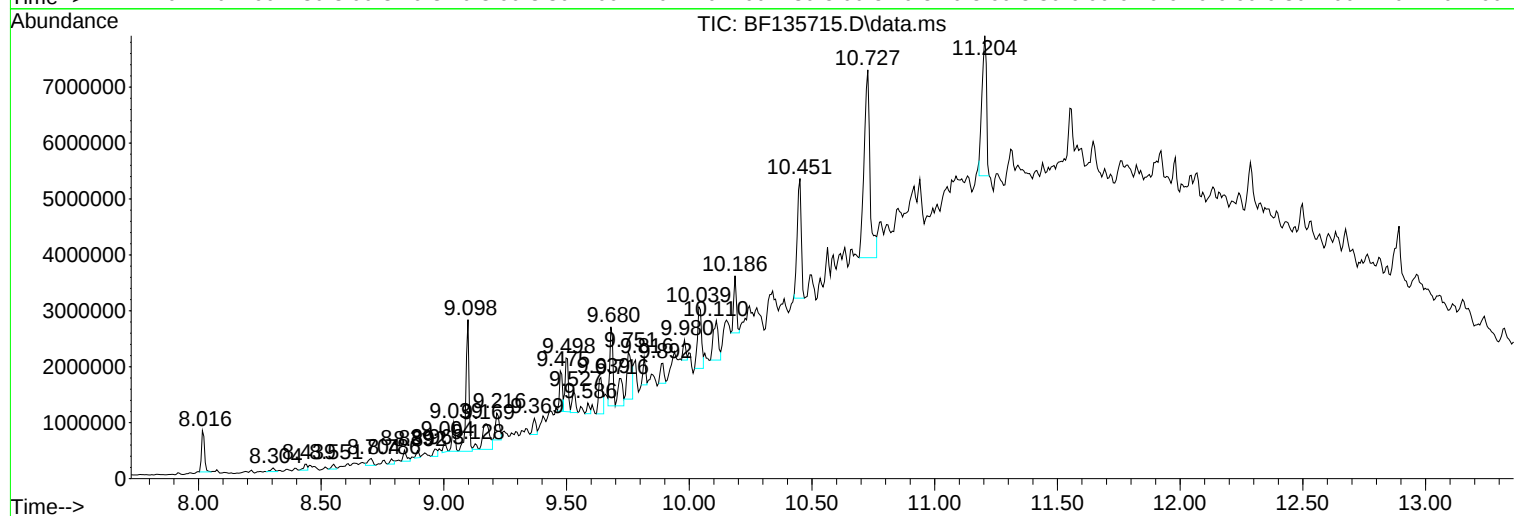
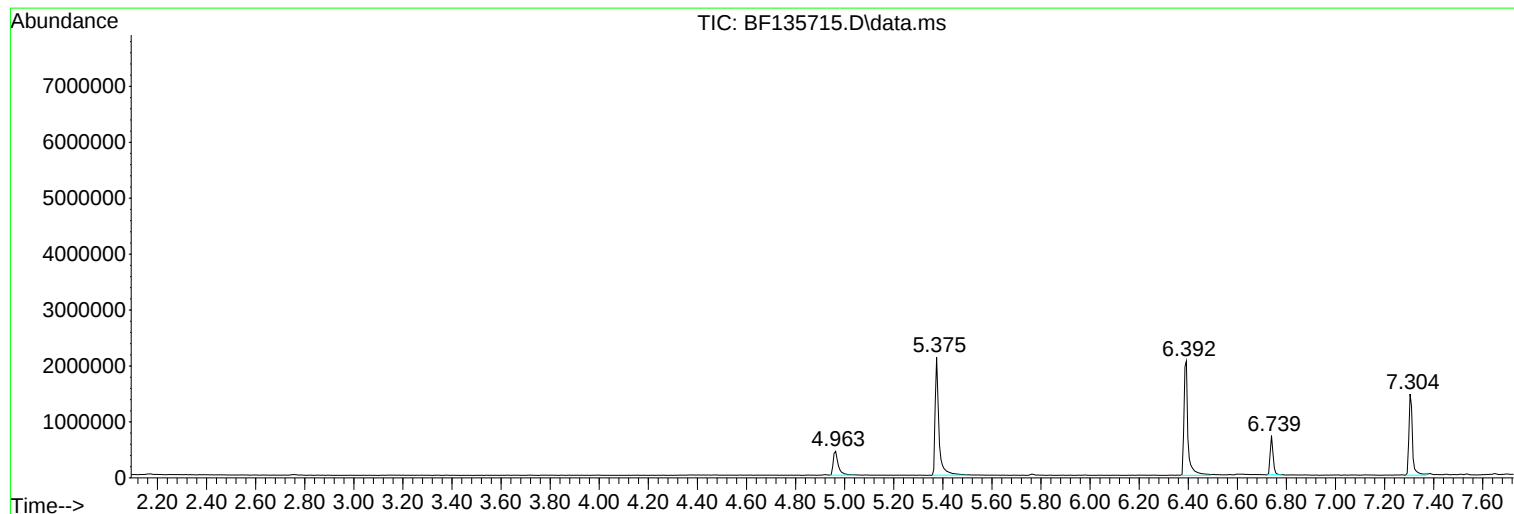
Sum of corrected areas: 35644222

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.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\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

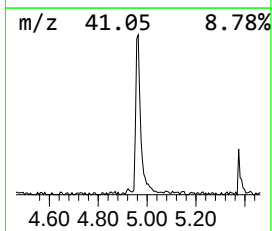
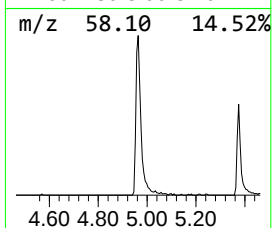
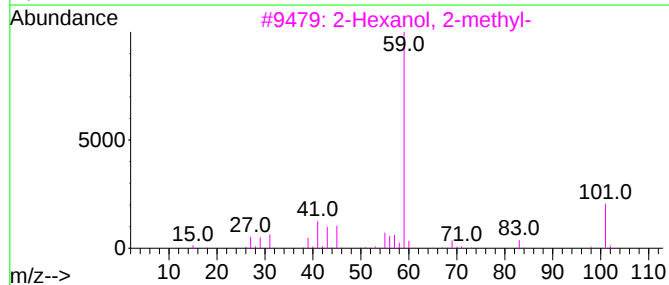
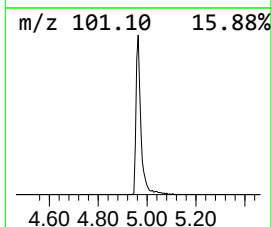
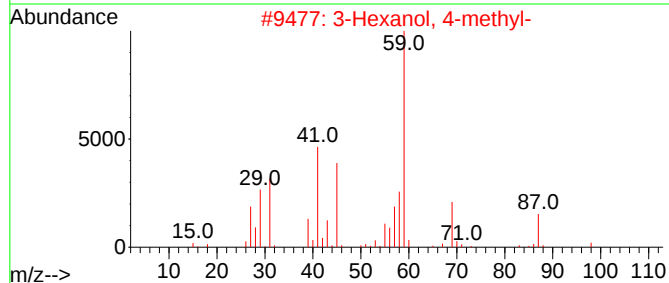
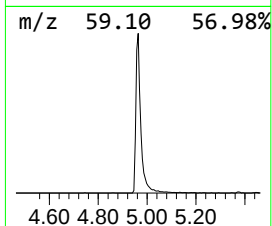
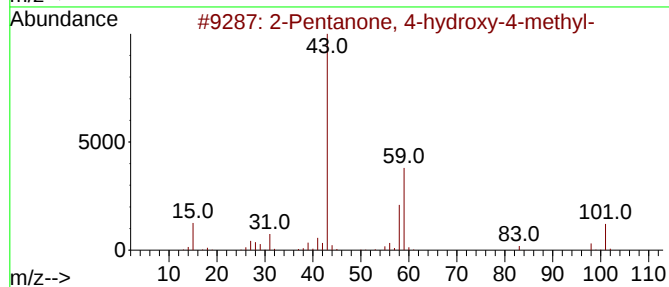
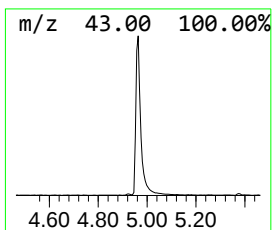
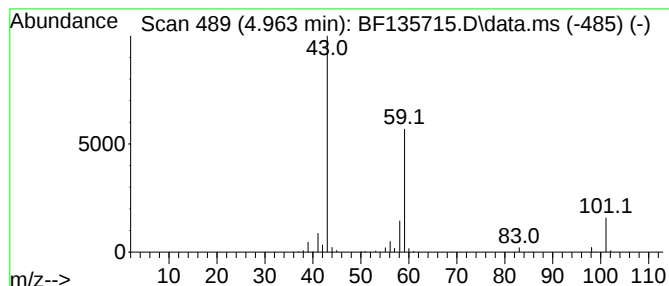
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 4.963 | 20.54 ng | 596958 | 1,4-Dichlorobenzene-d4 | 6.739 |

| Hit# | of 5                                | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|----------|-------------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116          | C6H12O2  | 000123-42-2 | 59   |      |
| 2    | 3-Hexanol, 4-methyl-                | 116          | C7H16O   | 000615-29-2 | 33   |      |
| 3    | 2-Hexanol, 2-methyl-                | 116          | C7H16O   | 000625-23-0 | 33   |      |
| 4    | Acetic acid, cyano-, 1,1-dimethy... | 141          | C7H11NO2 | 001116-98-9 | 25   |      |
| 5    | 1-Propen-2-ol, acetate              | 100          | C5H8O2   | 000108-22-5 | 10   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

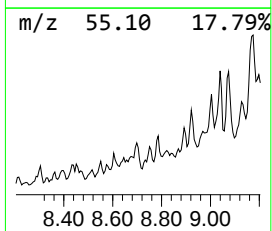
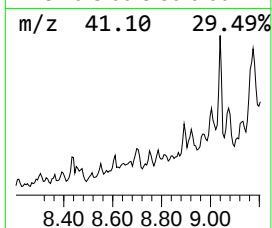
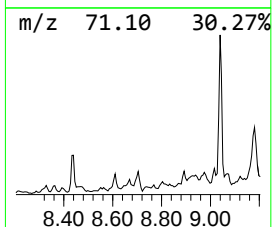
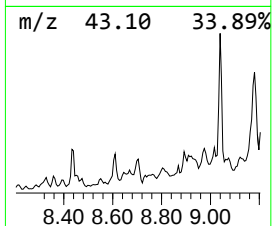
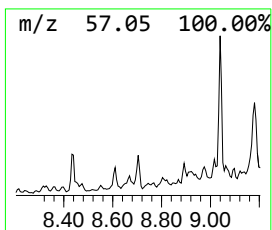
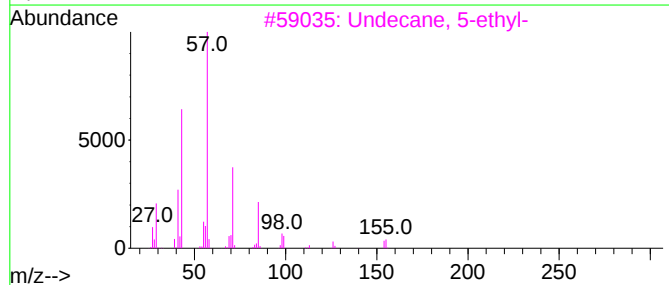
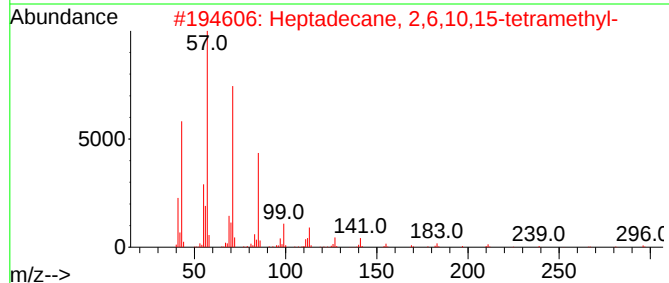
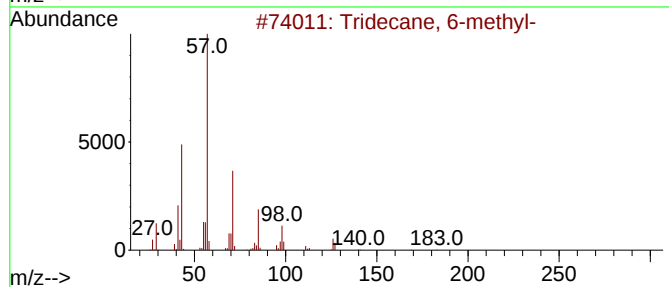
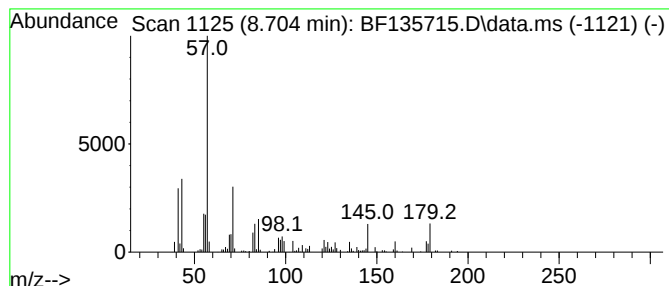
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown8.704 Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.704 | 5.08 ng | 161156 | Naphthalene-d8   | 8.016 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tridecane, 6-methyl-                | 198 | C14H30    | 013287-21-3  | 38   |
| 2    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44    | 054833-48-6  | 38   |
| 3    |    |   | Undecane, 5-ethyl-                  | 184 | C13H28    | 017453-94-0  | 38   |
| 4    |    |   | Dodecane, 1-iodo-                   | 296 | C12H25I   | 004292-19-7  | 35   |
| 5    |    |   | Sulfurous acid, butyl 2-ethylhex... | 250 | C12H26O3S | 1000309-18-8 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

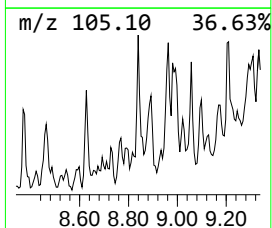
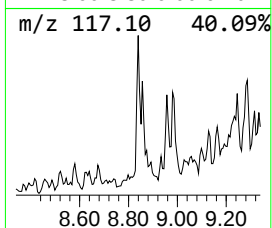
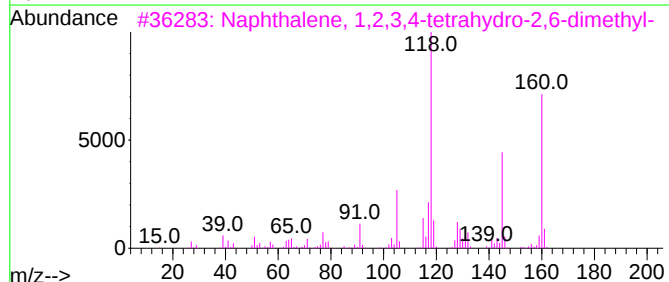
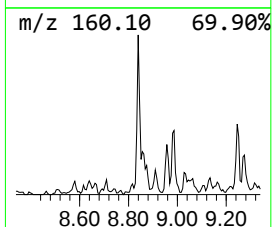
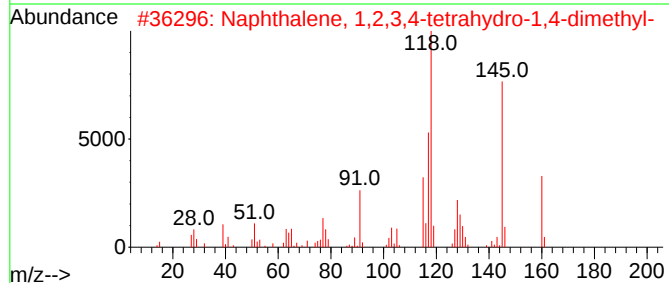
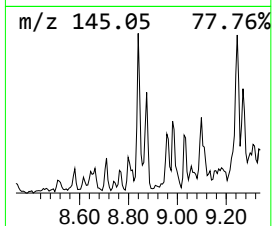
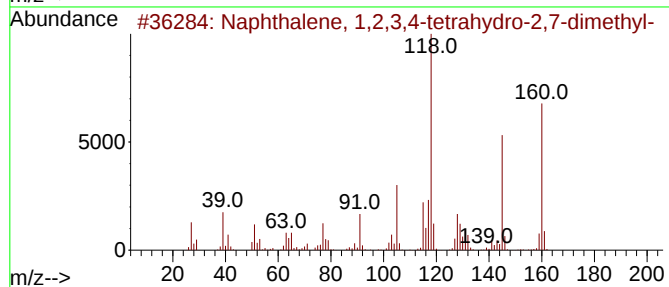
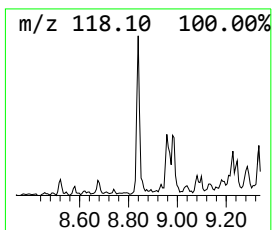
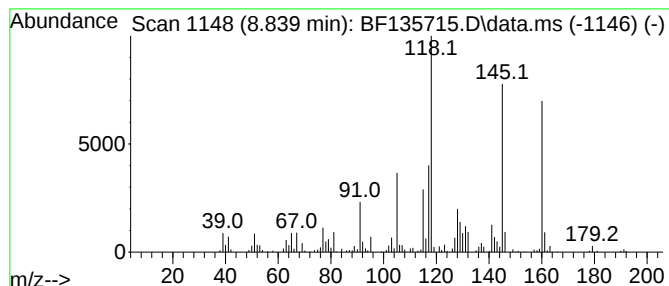
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

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

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 8.839     | 6.14 ng                             | 194710 | Naphthalene-d8   | 8.016       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 013065-07-1 | 91   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 004175-54-6 | 89   |
| 3         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 007524-63-2 | 64   |
| 4         | Benzene, 1-(1-methylethenyl)-3-(... | 160    | C12H16           | 001129-29-9 | 60   |
| 5         | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160    | C12H16           | 002613-76-5 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

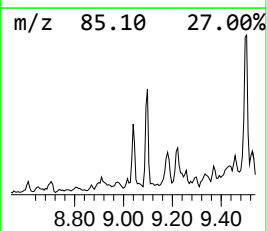
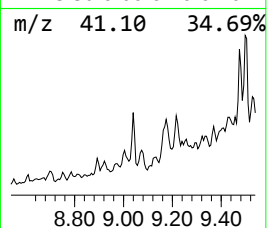
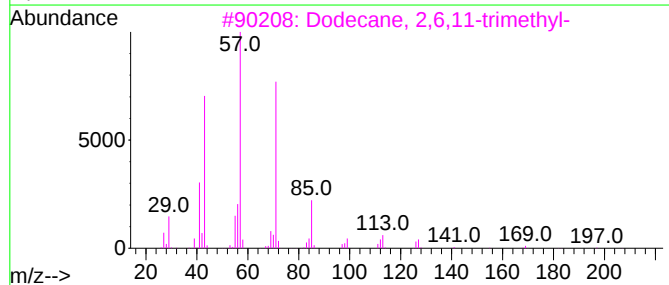
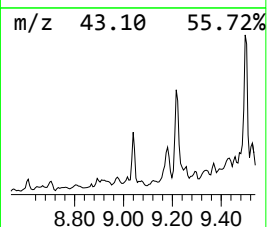
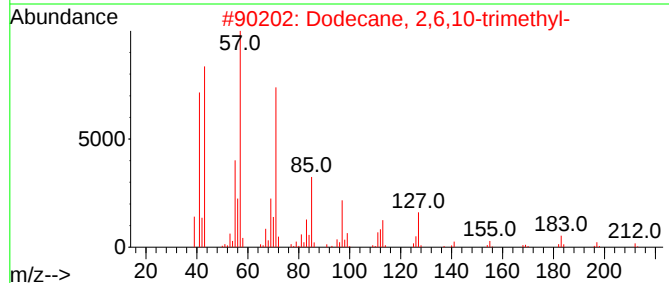
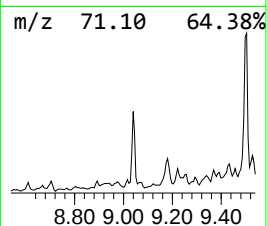
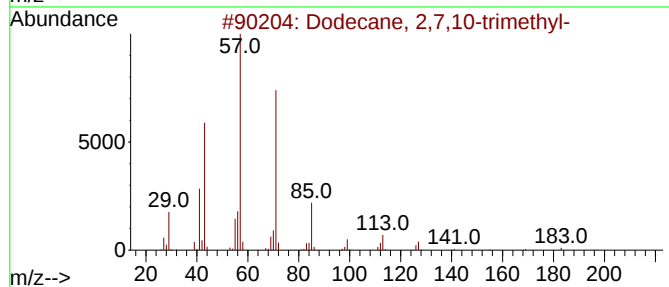
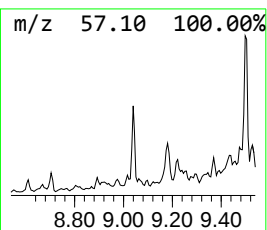
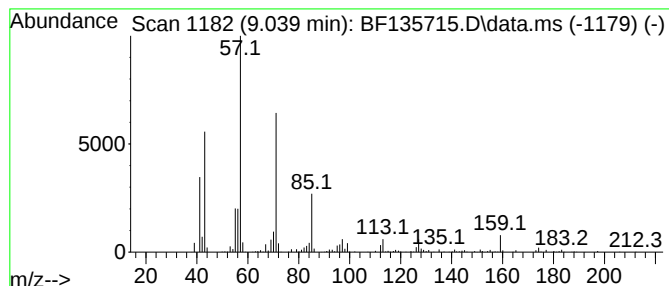
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.039 | 7.13 ng | 426796 | Acenaphthene-d10 | 9.780 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 83   |
| 2    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 81   |
| 3    |    |   | Dodecane, 2,6,11-trimethyl- | 212 | C15H32  | 031295-56-4 | 72   |
| 4    |    |   | Octane, 2-methyl-           | 128 | C9H20   | 003221-61-2 | 72   |
| 5    |    |   | Nonane, 3,7-dimethyl-       | 156 | C11H24  | 017302-32-8 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

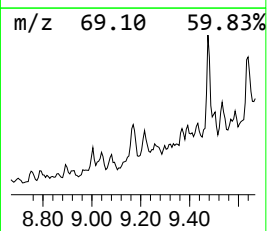
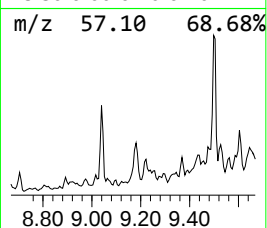
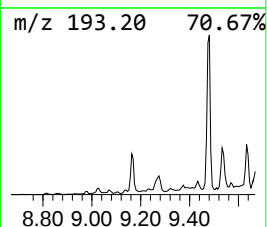
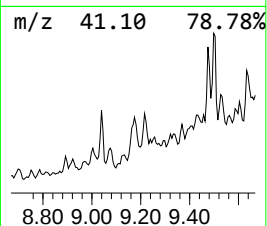
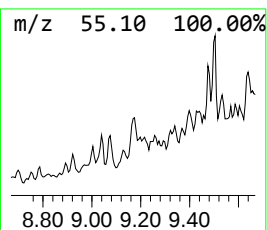
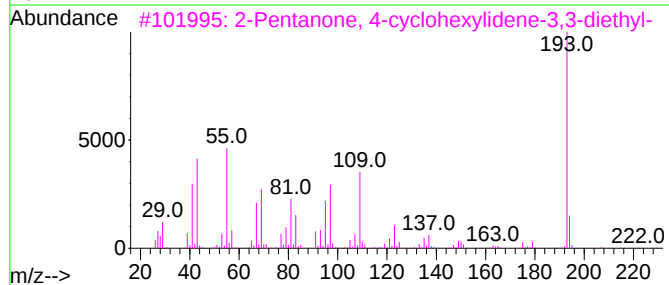
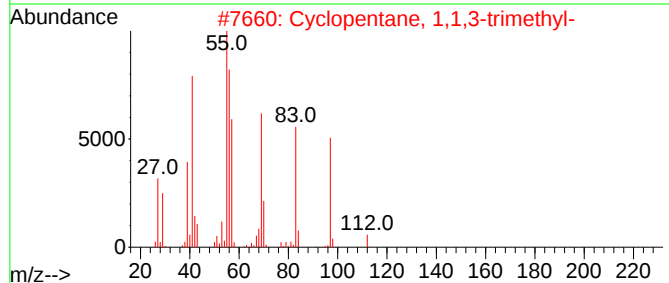
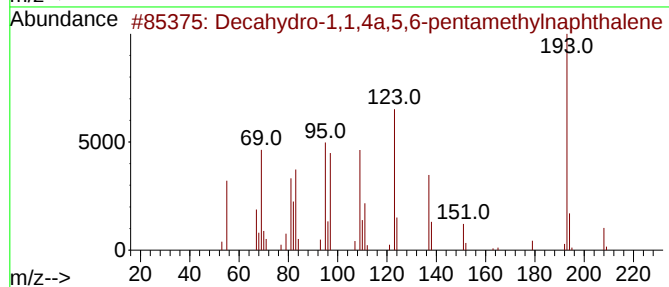
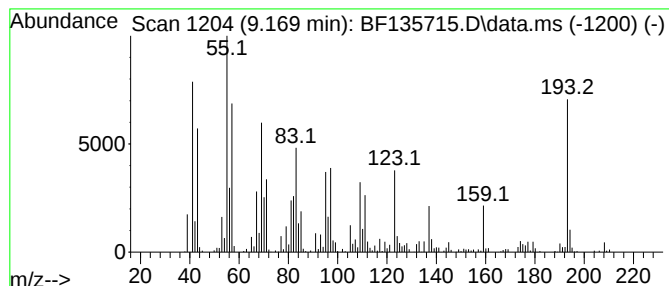
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 8

| R.T.      | EstConc                              | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------------|--------|------------------|-------------|------|
| 9.169     | 15.46 ng                             | 925481 | Acenaphthene-d10 | 9.780       |      |
| Hit# of 5 | Tentative ID                         | MW     | MolForm          | CAS#        | Qual |
| 1         | Decahydro-1,1,4a,5,6-pentamethyl...  | 208    | C15H28           | 080655-44-3 | 64   |
| 2         | Cyclopentane, 1,1,3-trimethyl-       | 112    | C8H16            | 004516-69-2 | 35   |
| 3         | 2-Pentanone, 4-cyclohexylidene-3...  | 222    | C15H26O          | 313253-65-5 | 35   |
| 4         | 1-Docosene                           | 308    | C22H44           | 001599-67-3 | 30   |
| 5         | Cyclohexane, 1-(cyclohexylmethyl)... | 194    | C14H26           | 054823-98-2 | 18   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

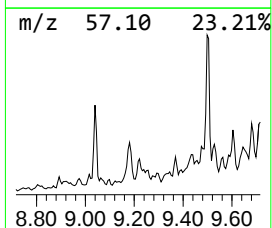
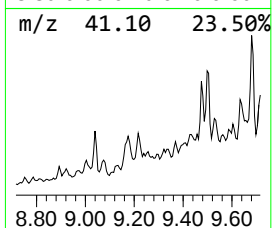
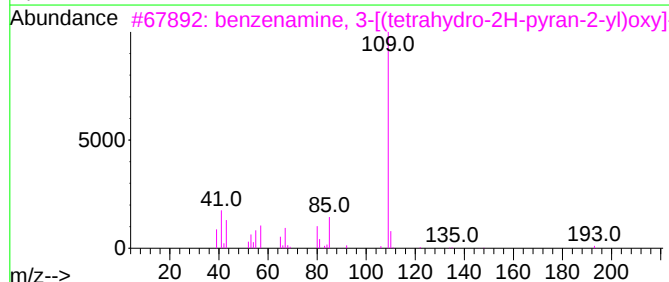
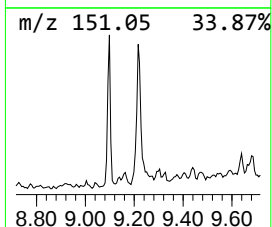
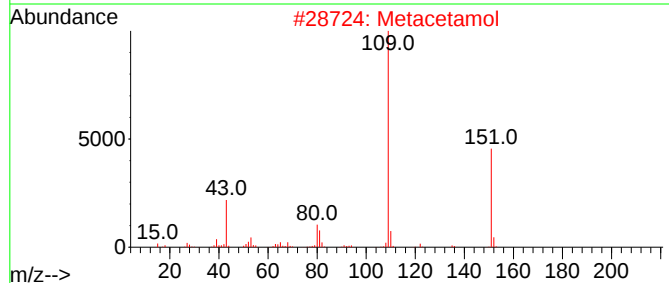
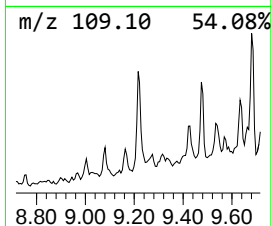
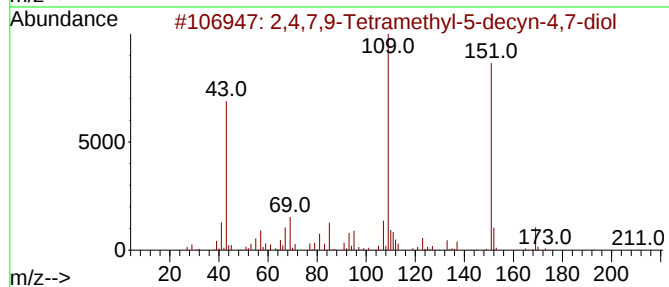
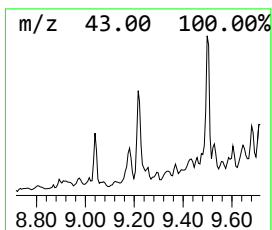
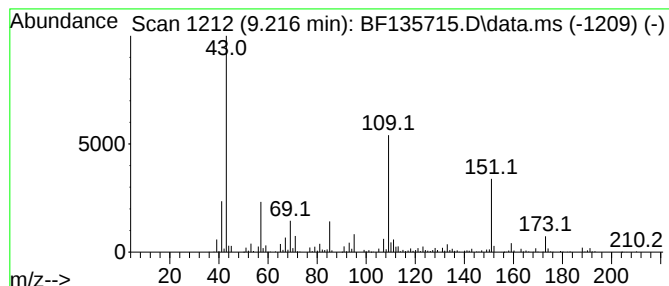
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.216     | 9.00 ng                             | 538538 | Acenaphthene-d10 | 9.780        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226    | C14H26O2         | 000126-86-3  | 50   |
| 2         | Metacetamol                         | 151    | C8H9NO2          | 000621-42-1  | 47   |
| 3         | benzenamine, 3-[(tetrahydro-2H-p... | 193    | C11H15NO2        | 1010400-28-1 | 38   |
| 4         | Diacetamate                         | 193    | C10H11NO3        | 002623-33-8  | 38   |
| 5         | m-Isopropoxyaniline                 | 151    | C9H13NO          | 041406-00-2  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

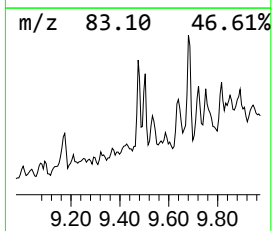
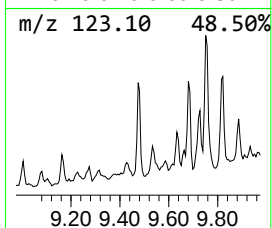
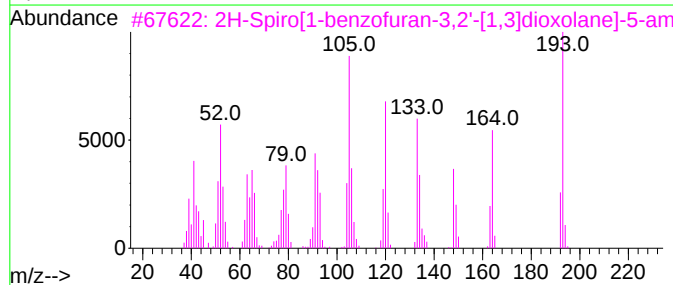
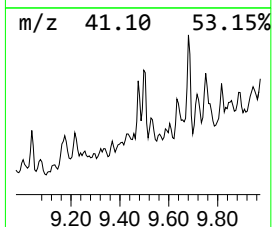
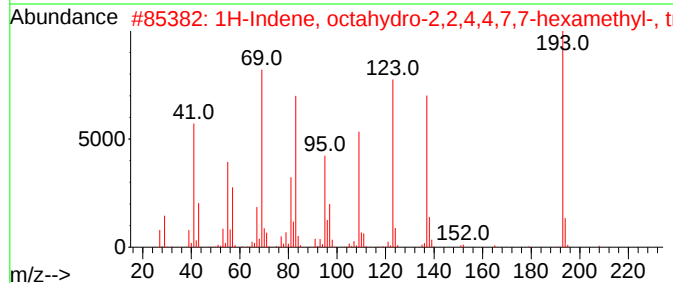
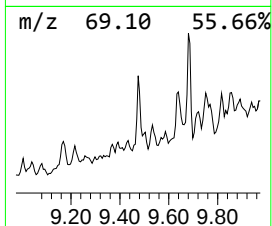
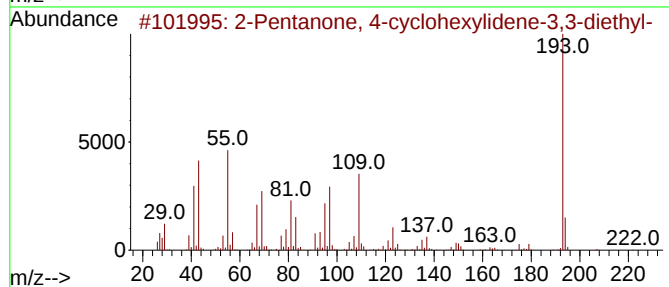
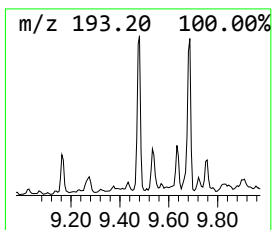
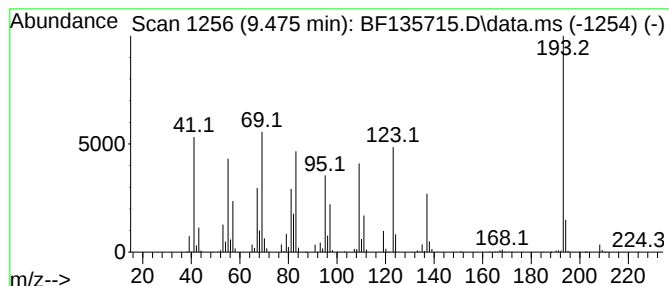
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 7 unknown9.475 Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.475     | 10.29 ng                            | 615729 | Acenaphthene-d10 | 9.780        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 2-Pentanone, 4-cyclohexylidene-3... | 222    | C15H26O          | 313253-65-5  | 43   |
| 2         | 1H-Indene, octahydro-2,2,4,4,7,7... | 208    | C15H28           | 054832-83-6  | 42   |
| 3         | 2H-Spiro[1-benzofuran-3,2'-[1,3]... | 193    | C10H11NO3        | 1000387-33-4 | 25   |
| 4         | Decahydro-1,1,4a,5,6-pentamethyl... | 208    | C15H28           | 080655-44-3  | 22   |
| 5         | Pyrazole, 5-methyl-3-(5-nitro-2-... | 193    | C8H7N3O3         | 016239-90-0  | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

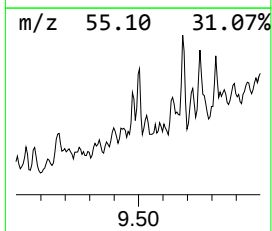
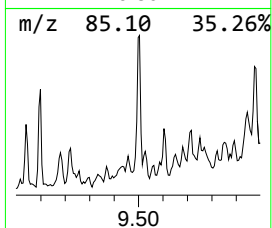
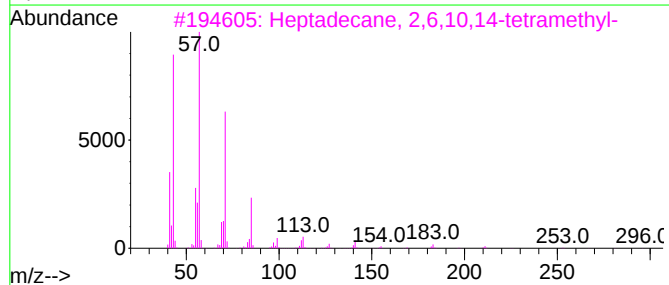
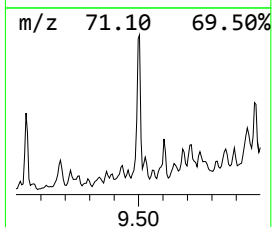
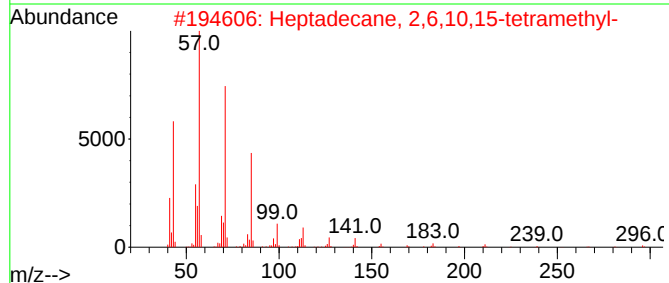
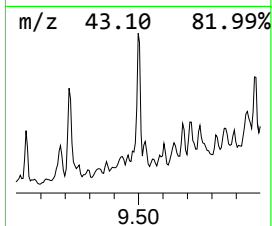
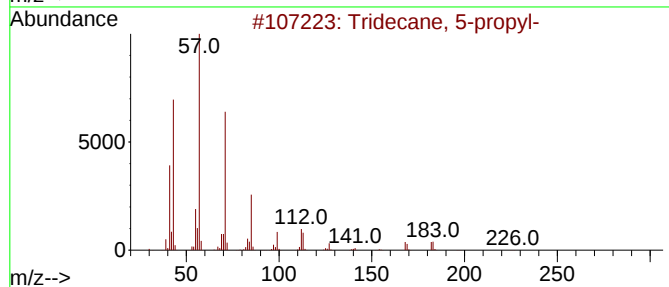
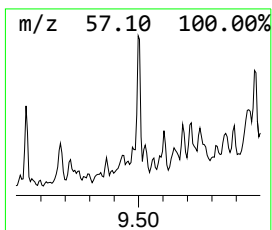
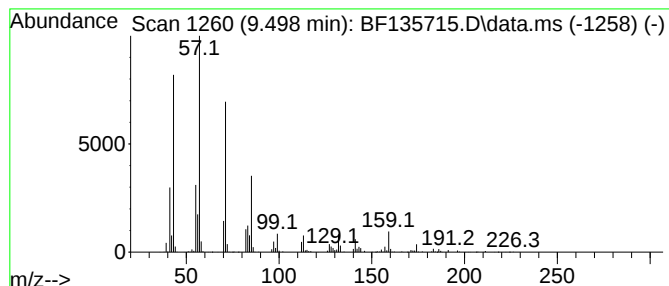
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Tridecane, 5-propyl- Concentration Rank 9

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.498 | 14.66 ng | 877297 | Acenaphthene-d10 | 9.780 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 5-propyl-                | 226 | C16H34  | 055045-11-9 | 76   |
| 2    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 74   |
| 3    |    |   | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44  | 018344-37-1 | 72   |
| 4    |    |   | Decane, 5-propyl-                   | 184 | C13H28  | 017312-62-8 | 68   |
| 5    |    |   | Tridecane                           | 184 | C13H28  | 000629-50-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

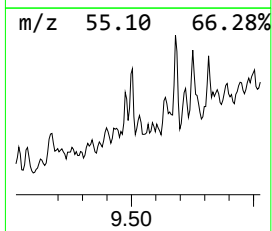
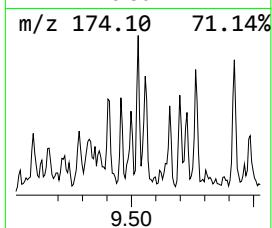
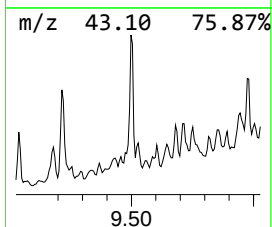
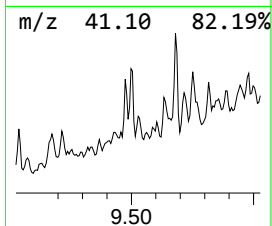
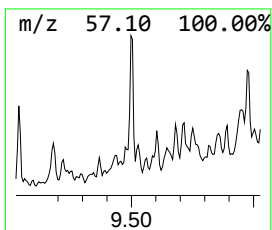
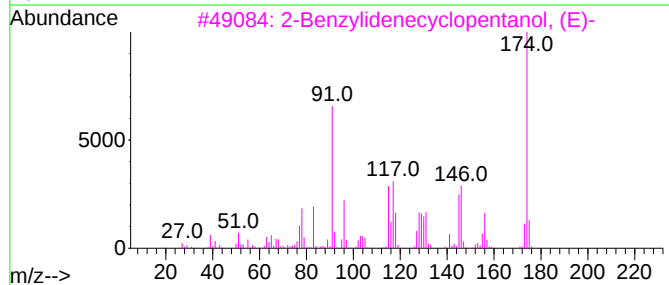
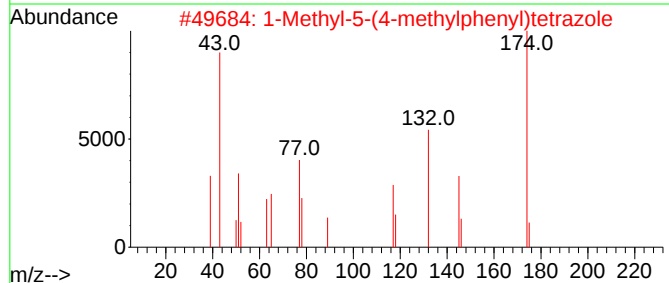
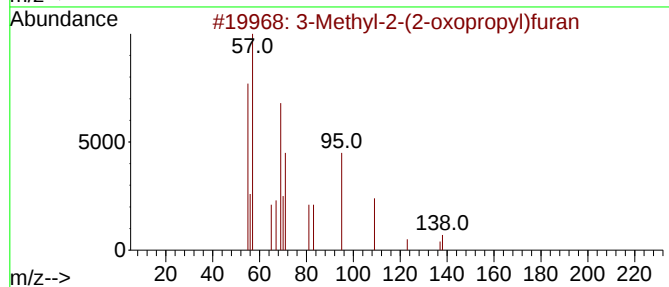
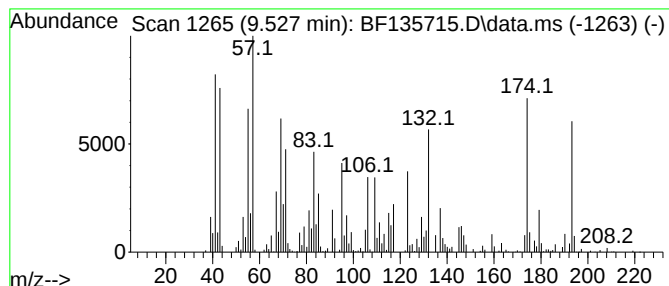
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 unknown9.527 Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.527 | 5.93 ng | 355138 | Acenaphthene-d10 | 9.780 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | 3-Methyl-2-(2-oxopropyl)furan       | 138 | C8H10O2  | 087773-62-4  | 25   |
| 2    |      | 1-Methyl-5-(4-methylphenyl)tetra... | 174 | C9H10N4  | 068826-33-5  | 25   |
| 3    |      | 2-Benzylidenecyclopentanol, (E)-    | 174 | C12H14O  | 058738-53-7  | 15   |
| 4    |      | 3,8-Nonadien-2-one, (E)-            | 138 | C9H14O   | 055282-90-1  | 11   |
| 5    |      | 7-Methoxy-1,3-benzoxazole-5-carb... | 174 | C9H6N2O2 | 1000435-76-5 | 11   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

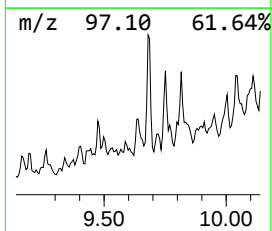
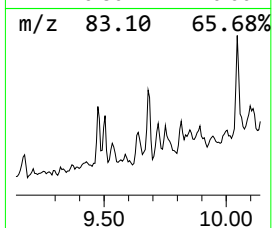
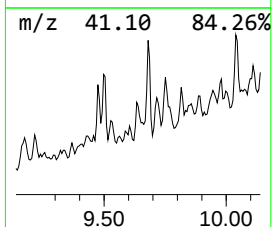
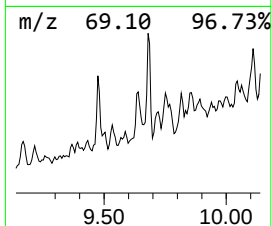
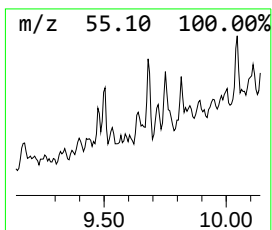
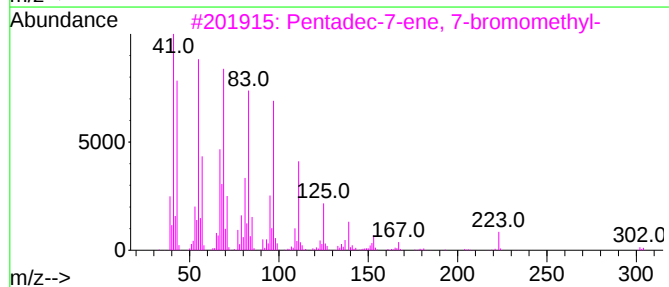
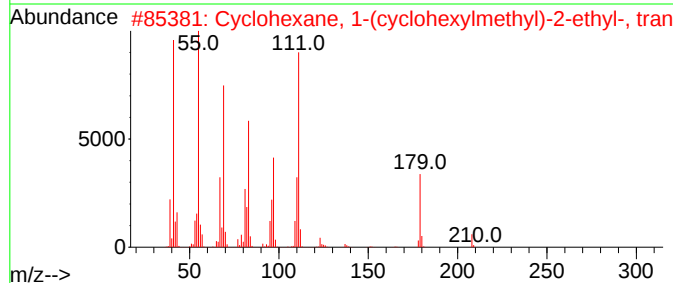
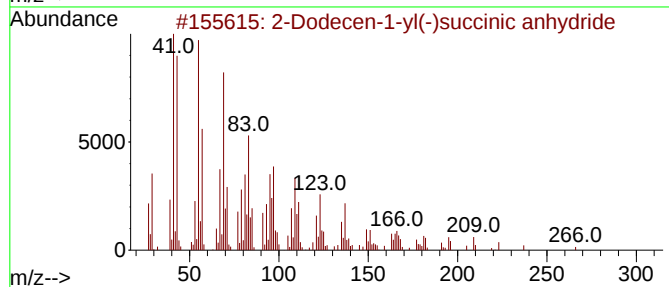
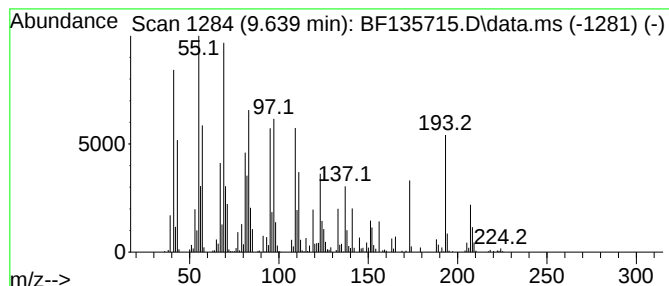
\*\*\*\*\*

Peak Number 10 unknown9.639 Concentration Rank 11

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.639 | 12.90 ng | 772090 | Acenaphthene-d10 | 9.780 |

| Hit# | of 5                                | Tentative ID | MW       | MolForm      | CAS# | Qual |
|------|-------------------------------------|--------------|----------|--------------|------|------|
| 1    | 2-Dodecen-1-yl(-)succinic anhydride | 266          | C16H26O3 | 019780-11-1  | 49   |      |
| 2    | Cyclohexane, 1-(cyclohexylmethyl)-  | 208          | C15H28   | 054934-92-8  | 38   |      |
| 3    | Pentadec-7-ene, 7-bromomethyl-      | 302          | C16H31Br | 1000259-58-5 | 38   |      |
| 4    | 6-Octen-1-ol, 3,7-dimethyl-, (R)-   | 156          | C10H20O  | 001117-61-9  | 38   |      |
| 5    | Decahydro-1,1,4a,5,6-pentamethyl-   | 208          | C15H28   | 080655-44-3  | 38   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

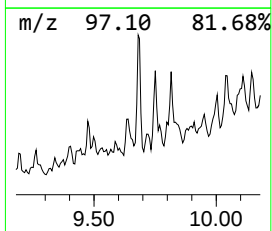
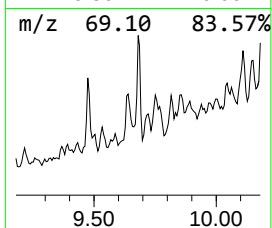
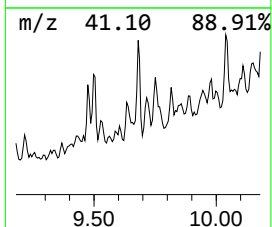
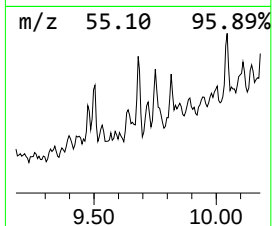
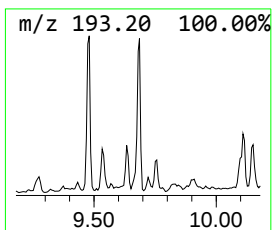
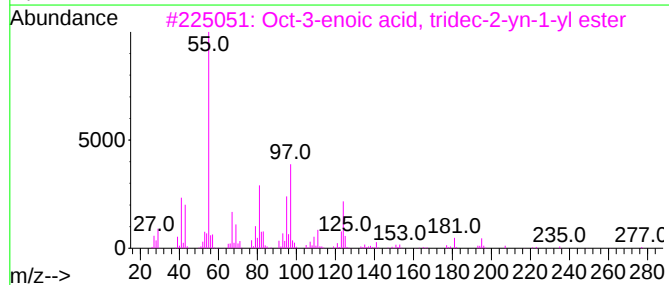
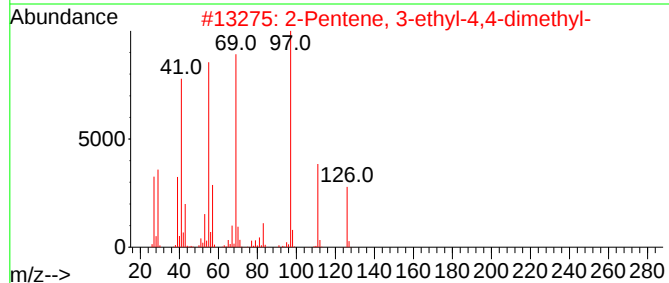
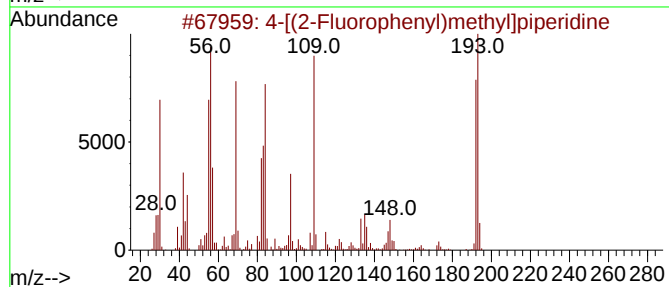
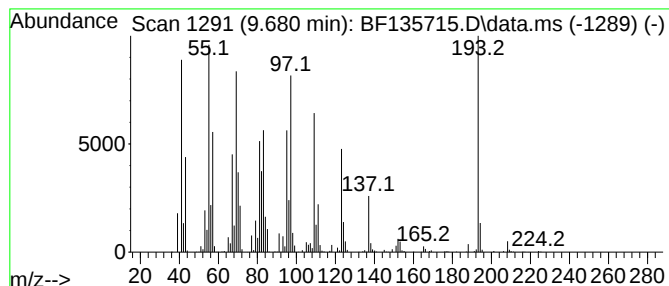
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 unknown9.680 Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.680 | 20.80 ng | 1244720 | Acenaphthene-d10 | 9.780 |

| Hit# | of 5                                | Tentative ID | MW       | MolForm      | CAS# | Qual |
|------|-------------------------------------|--------------|----------|--------------|------|------|
| 1    | 4-[(2-Fluorophenyl)methyl]piperi... | 193          | C12H16FN | 194288-97-6  | 38   |      |
| 2    | 2-Pentene, 3-ethyl-4,4-dimethyl-    | 126          | C9H18    | 053907-59-8  | 27   |      |
| 3    | Oct-3-enoic acid, tridec-2-yn-1-... | 320          | C21H36O2 | 1000406-95-4 | 27   |      |
| 4    | photocitral B                       | 152          | C10H16O  | 006040-45-5  | 25   |      |
| 5    | 4-Amino-N-hydroxypyrazolo[3,2-c]... | 193          | C6H7N7O  | 1000443-50-2 | 18   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

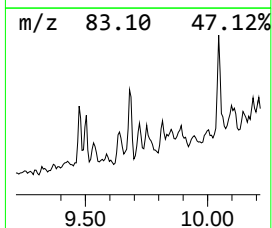
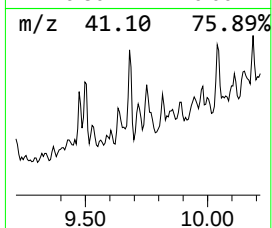
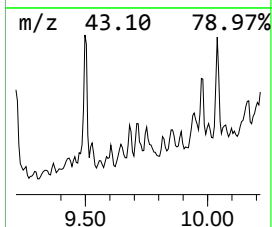
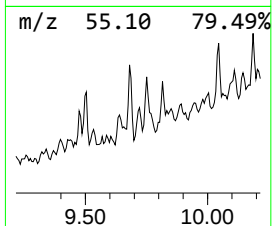
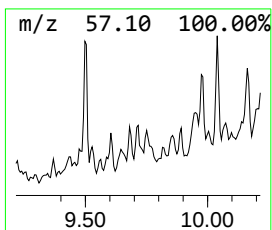
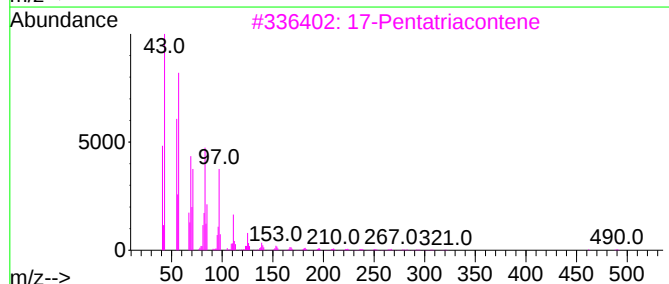
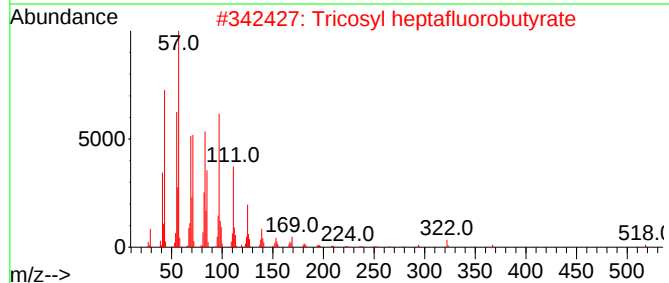
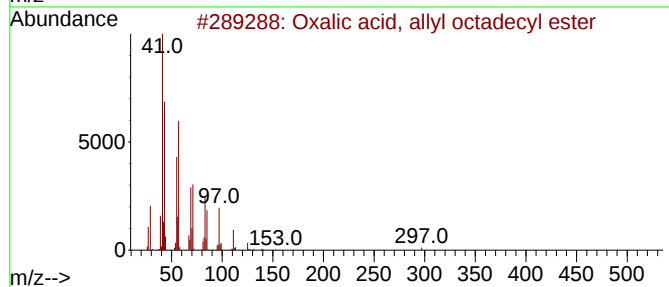
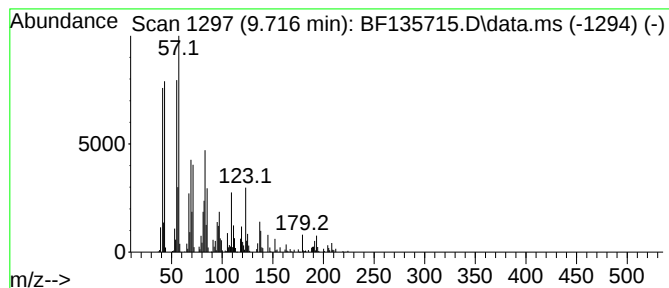
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 12 unknown9.716 Concentration Rank 12

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.716 | 11.22 ng | 671365 | Acenaphthene-d10 | 9.780 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm    | CAS#         | Qual |
|------|----|---|------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Oxalic acid, allyl octadecyl ester | 382 | C23H42O4   | 1000309-24-5 | 49   |
| 2    |    |   | Tricosyl heptafluorobutyrate       | 536 | C27H47F7O2 | 1000351-83-4 | 46   |
| 3    |    |   | 17-Pentatriacontene                | 491 | C35H70     | 006971-40-0  | 46   |
| 4    |    |   | 1-Decanol, 2-hexyl-                | 242 | C16H34O    | 002425-77-6  | 41   |
| 5    |    |   | 1-Octanol, 2-butyl-                | 186 | C12H26O    | 003913-02-8  | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

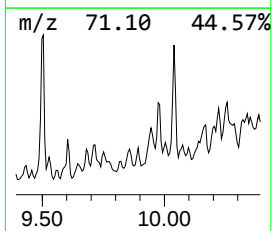
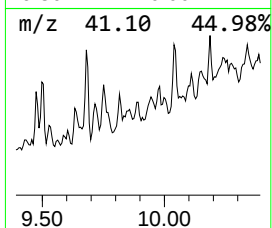
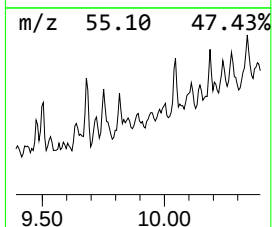
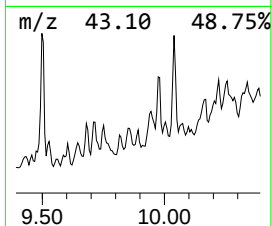
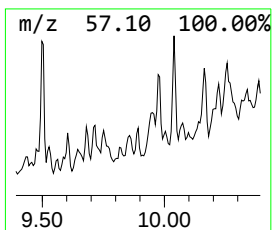
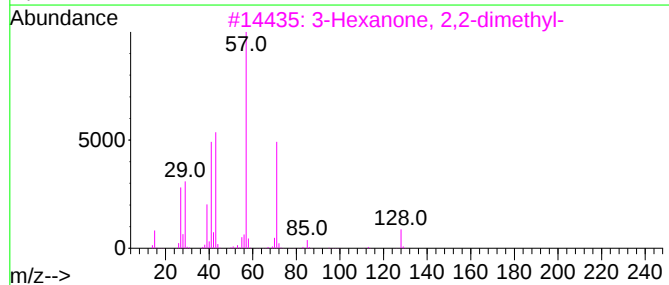
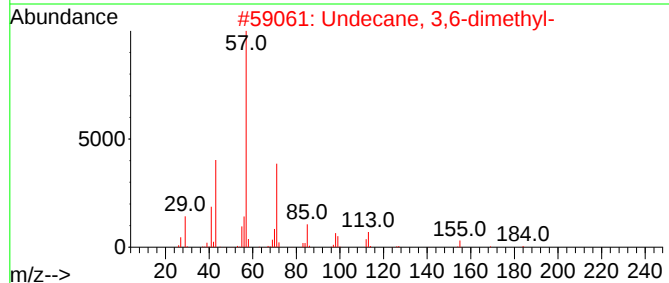
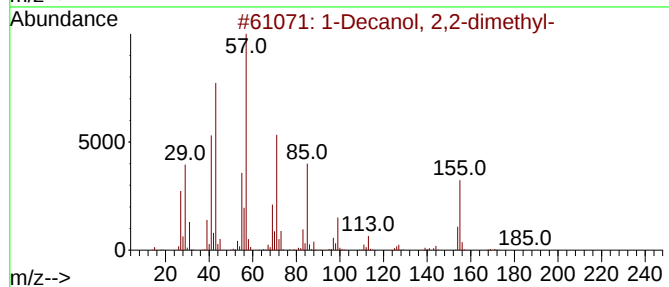
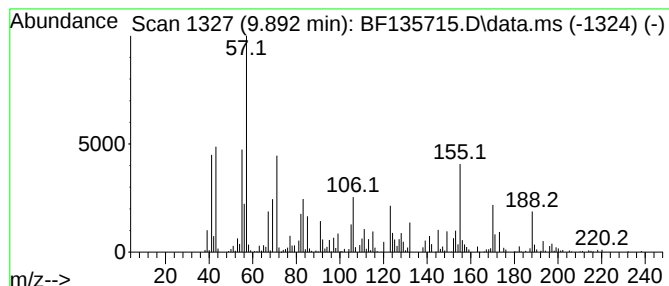
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 13 unknown9.892 Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.892 | 6.34 ng | 379148 | Acenaphthene-d10 | 9.780 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------------------|-----|---------|--------------|------|
| 1    |    |   | 1-Decanol, 2,2-dimethyl-       | 186 | C12H26O | 002370-15-2  | 25   |
| 2    |    |   | Undecane, 3,6-dimethyl-        | 184 | C13H28  | 017301-28-9  | 14   |
| 3    |    |   | 3-Hexanone, 2,2-dimethyl-      | 128 | C8H16O  | 005405-79-8  | 11   |
| 4    |    |   | 2,4-Dimethyl-heptane-3,5-dione | 156 | C9H16O2 | 037484-68-7  | 10   |
| 5    |    |   | Decyl octyl ether              | 270 | C18H38O | 1000406-38-3 | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

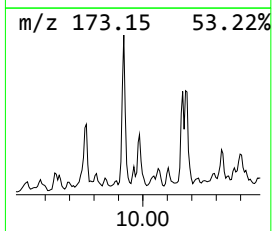
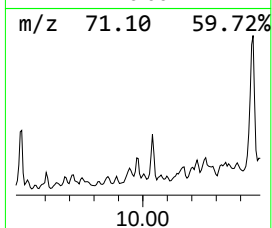
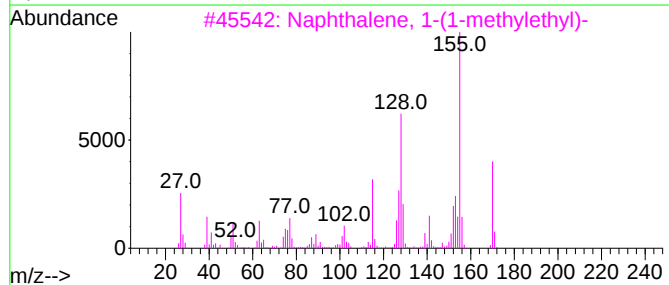
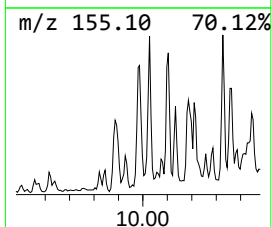
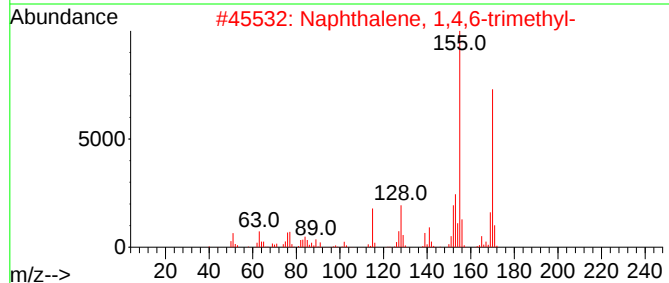
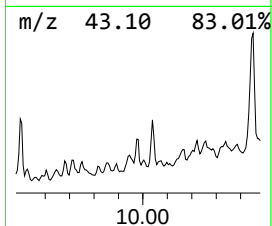
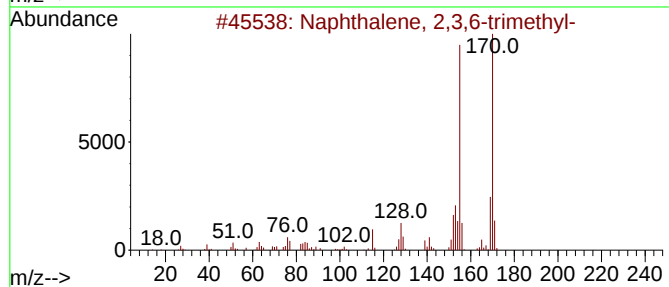
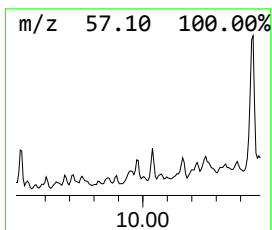
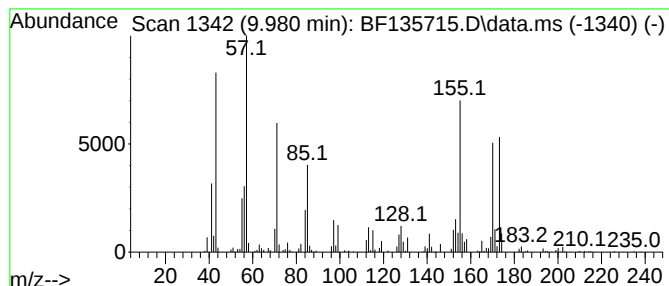
\*\*\*\*\*

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.980 | 4.70 ng | 281001 | Acenaphthene-d10 | 9.780 |

| Hit# | of 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 2,3,6-trimethyl-   | 170 | C13H14  | 000829-26-5 | 62   |
| 2    |      | Naphthalene, 1,4,6-trimethyl-   | 170 | C13H14  | 002131-42-2 | 59   |
| 3    |      | Naphthalene, 1-(1-methylethyl)- | 170 | C13H14  | 006158-45-8 | 52   |
| 4    |      | Naphthalene, 1,4,5-trimethyl-   | 170 | C13H14  | 002131-41-1 | 50   |
| 5    |      | Naphthalene, 1,6,7-trimethyl-   | 170 | C13H14  | 002245-38-7 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

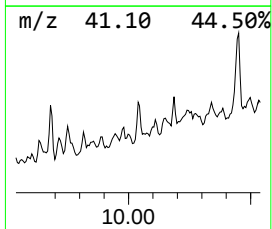
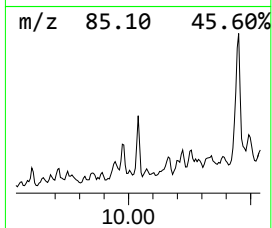
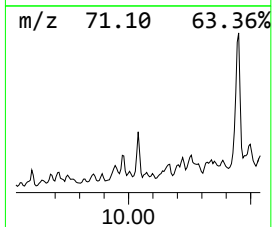
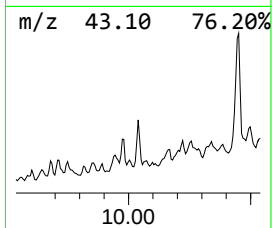
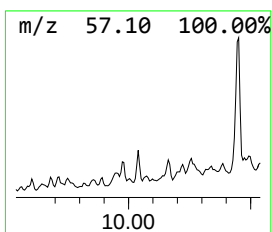
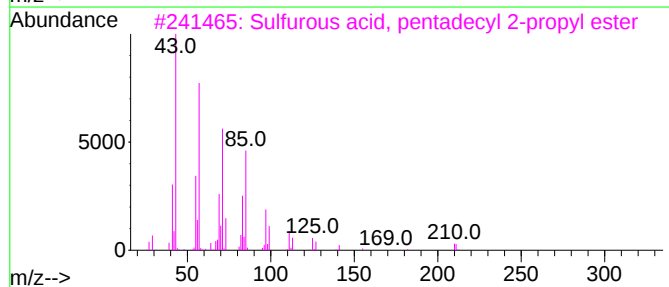
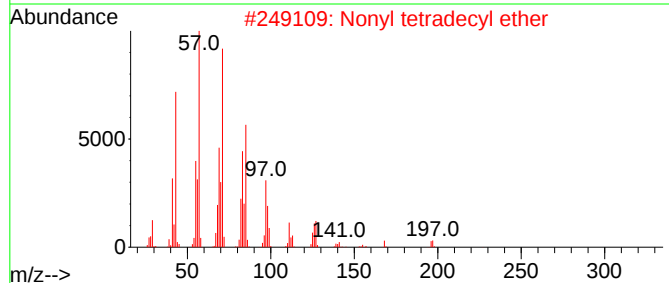
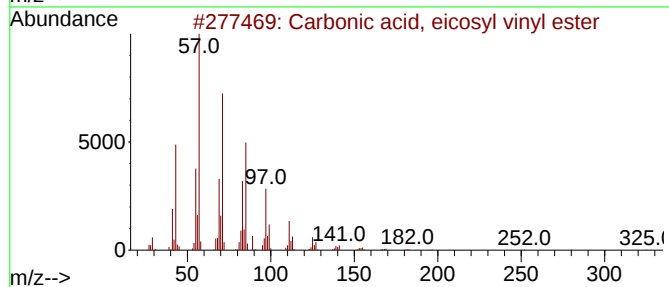
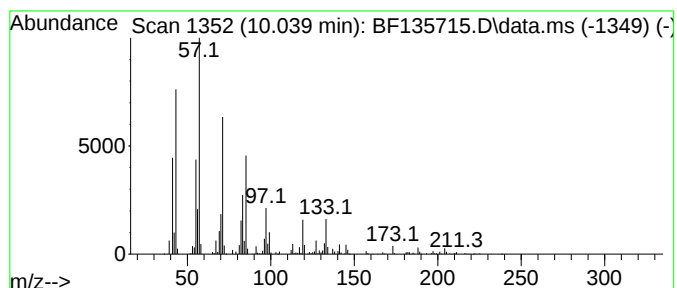
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 15 Carbonic acid, eicosyl vinyl... Concentration Rank 3

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 10.039    | 20.98 ng                            | 1255420 | Acenaphthene-d10 | 9.780        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Carbonic acid, eicosyl vinyl ester  | 368     | C23H44O3         | 1000382-54-3 | 72   |
| 2         | Nonyl tetradecyl ether              | 340     | C23H48O          | 1000406-37-6 | 72   |
| 3         | Sulfurous acid, pentadecyl 2-pro... | 334     | C18H38O3S        | 1000309-12-6 | 64   |
| 4         | Octyl tetradecyl ether              | 326     | C22H46O          | 1000406-38-5 | 58   |
| 5         | Tetradecane                         | 198     | C14H30           | 000629-59-4  | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

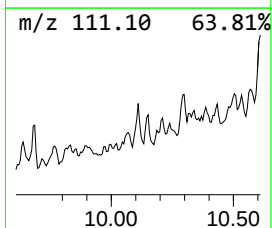
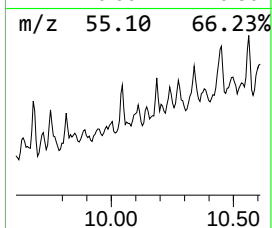
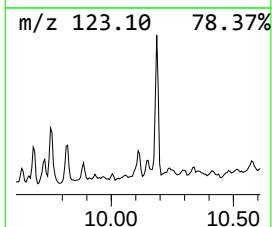
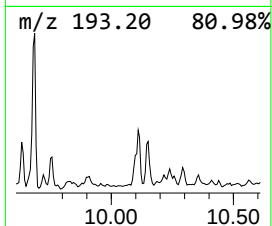
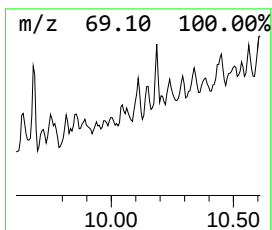
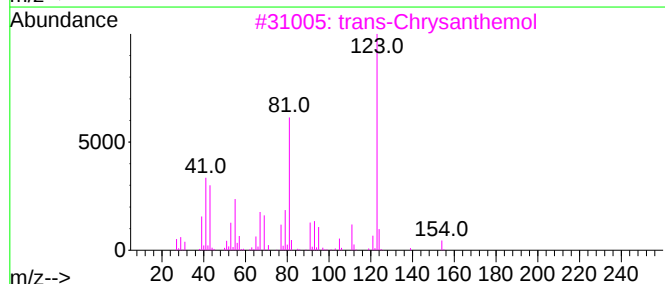
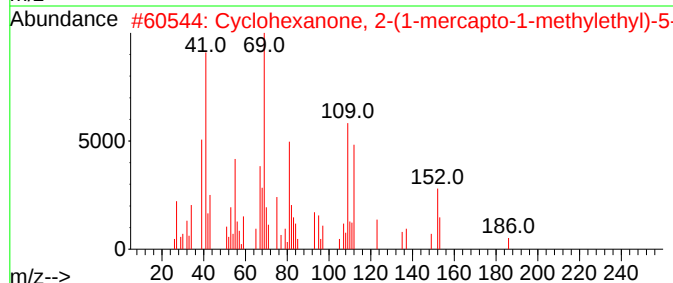
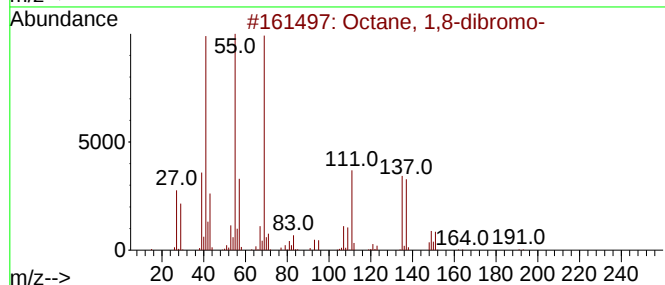
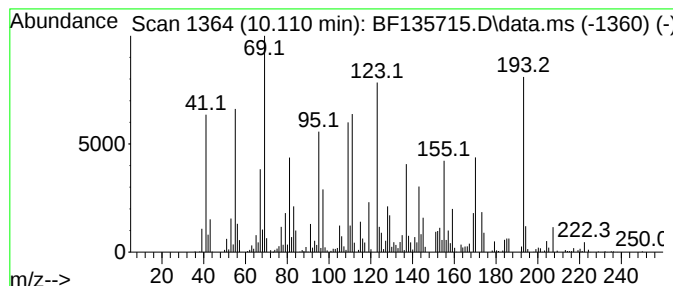
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 unknown10.110 Concentration Rank 7

| R.T.   | EstConc  | Area    | Relative to ISTD |  |  | R.T.  |
|--------|----------|---------|------------------|--|--|-------|
| 10.110 | 17.17 ng | 1027840 | Acenaphthene-d10 |  |  | 9.780 |

| Hit# | of 5 | Tentative ID                                             | MW  | MolForm    | CAS#        | Qual |
|------|------|----------------------------------------------------------|-----|------------|-------------|------|
| 1    |      | Octane, 1,8-dibromo-                                     | 270 | C8H16Br2   | 004549-32-0 | 22   |
| 2    |      | Cyclohexanone, 2-(1-mercapto-1-methyl-2-prop-1-en-1-yl)- | 186 | C10H18OS   | 033281-91-3 | 18   |
| 3    |      | trans-Chrysanthemol                                      | 154 | C10H18O    | 018383-58-9 | 11   |
| 4    |      | 1,3-Benzenediol, 2-nitro-                                | 155 | C6H5NO4    | 000601-89-8 | 11   |
| 5    |      | 2-Fluoro-N-(1,3-thiazol-2-yl)benzamide                   | 222 | C10H7FN2OS | 000319-38-0 | 11   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

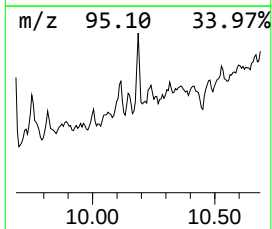
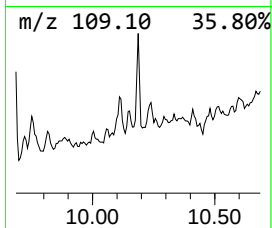
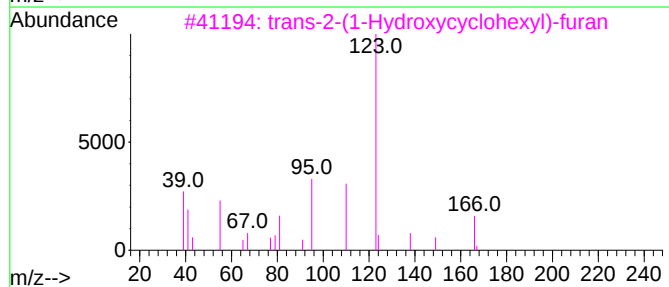
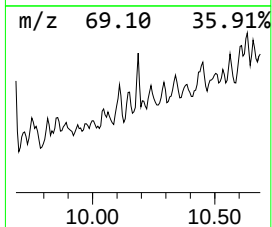
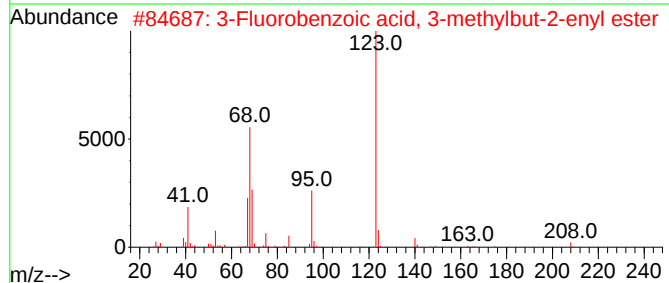
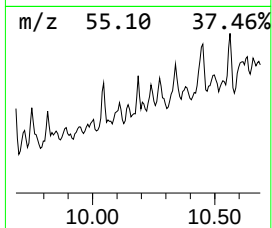
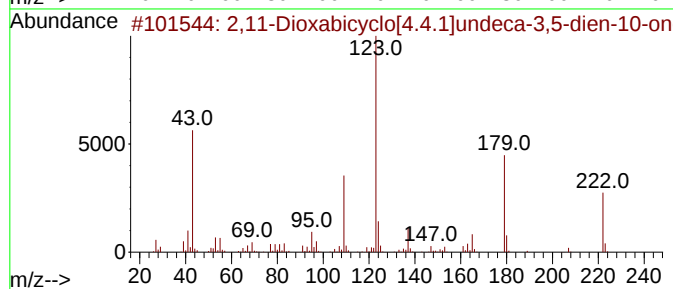
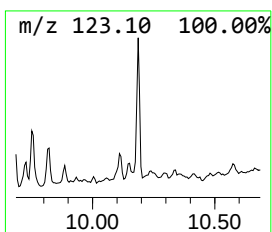
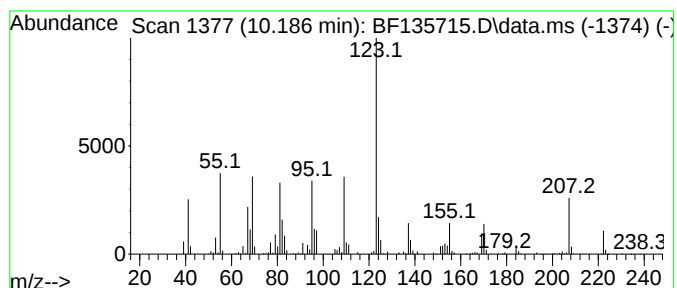
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 17 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 10

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 10.186    | 13.53 ng                            | 809453 | Acenaphthene-d10 | 9.780       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 2,11-Dioxabicyclo[4.4.1]undeca-3... | 222    | C13H18O3         | 070412-52-1 | 50   |
| 2         | 3-Fluorobenzoic acid, 3-methylbu... | 208    | C12H13FO2        | 154559-38-3 | 43   |
| 3         | trans-2-(1-Hydroxycyclohexyl)-furan | 166    | C10H14O2         | 115754-87-5 | 38   |
| 4         | 2-Pyrimidinamine, 4,6-dimethyl-     | 123    | C6H9N3           | 000767-15-7 | 38   |
| 5         | Ethanone, 1-[3-[2-methyl-2-(5-me... | 222    | C13H18O3         | 080114-28-9 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

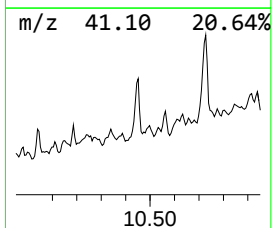
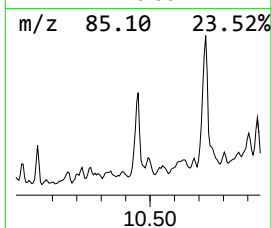
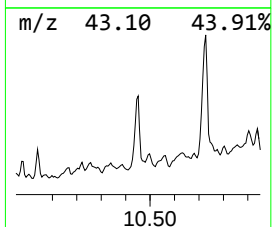
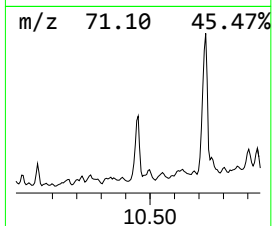
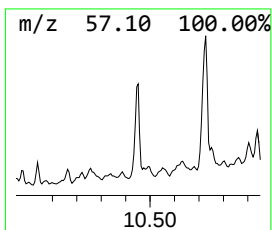
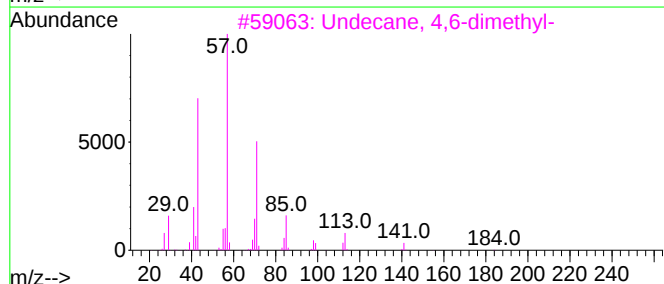
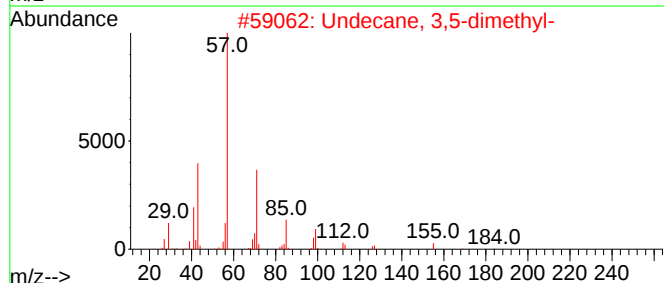
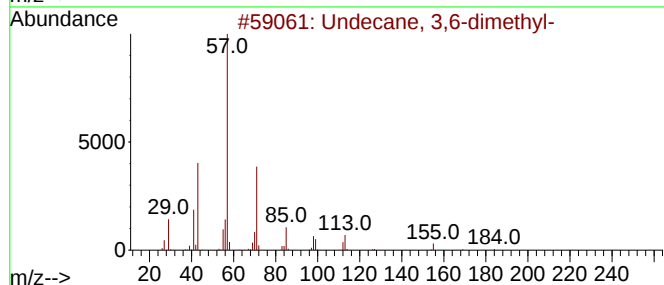
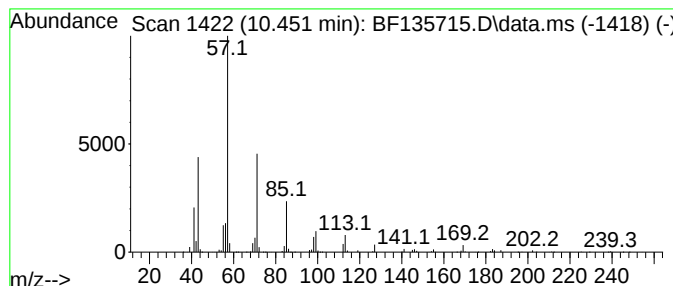
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 18 Undecane, 3,6-dimethyl- Concentration Rank 1

| R.T.      | EstConc                 | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------|---------|------------------|-------------|------|
| 10.451    | 40.42 ng                | 2418680 | Acenaphthene-d10 | 9.780       |      |
| Hit# of 5 | Tentative ID            | MW      | MolForm          | CAS#        | Qual |
| 1         | Undecane, 3,6-dimethyl- | 184     | C13H28           | 017301-28-9 | 93   |
| 2         | Undecane, 3,5-dimethyl- | 184     | C13H28           | 017312-81-1 | 72   |
| 3         | Undecane, 4,6-dimethyl- | 184     | C13H28           | 017312-82-2 | 72   |
| 4         | Undecane, 2,6-dimethyl- | 184     | C13H28           | 017301-23-4 | 68   |
| 5         | 2-Bromo dodecane        | 248     | C12H25Br         | 013187-99-0 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

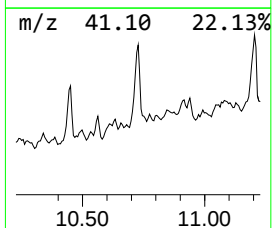
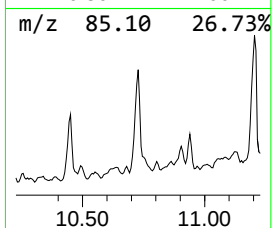
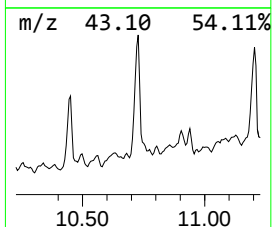
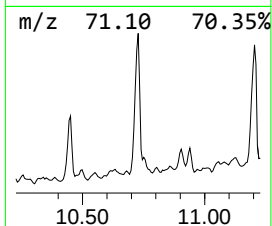
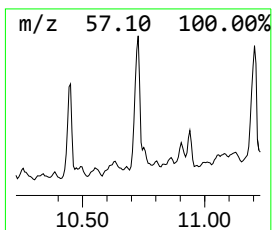
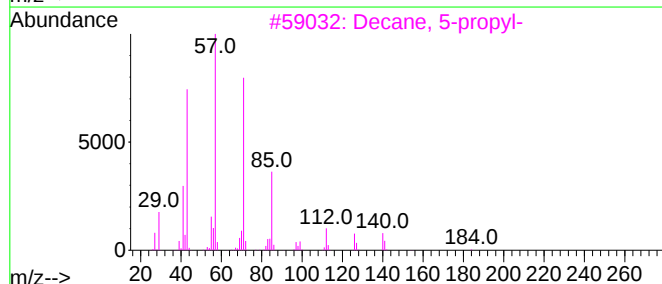
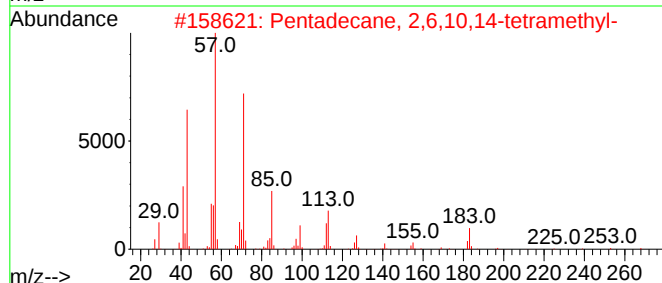
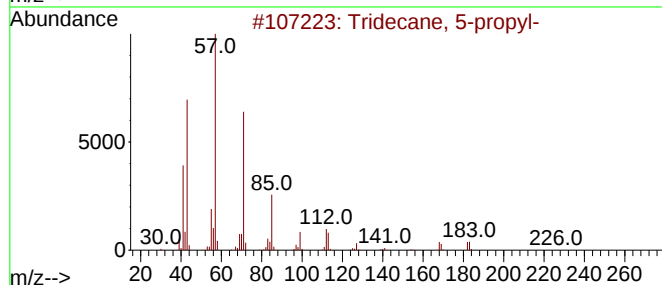
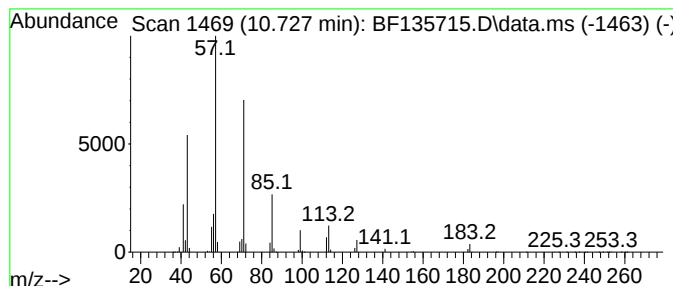
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.727 | 35.20 ng | 5600190 | Phenanthrene-d10 | 11.298 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Tridecane, 5-propyl-                | 226 | C16H34  | 055045-11-9 | 91   |
| 2    |      | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 86   |
| 3    |      | Decane, 5-propyl-                   | 184 | C13H28  | 017312-62-8 | 59   |
| 4    |      | Octane, 3,6-dimethyl-               | 142 | C10H22  | 015869-94-0 | 53   |
| 5    |      | Undecane, 6,6-dimethyl-             | 184 | C13H28  | 017312-76-4 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

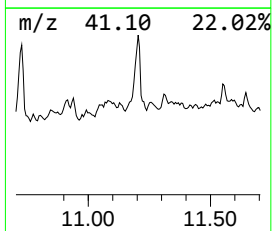
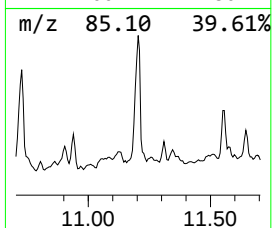
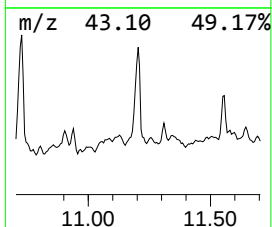
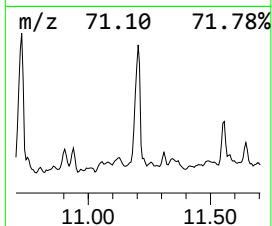
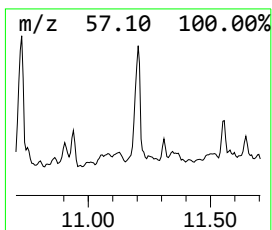
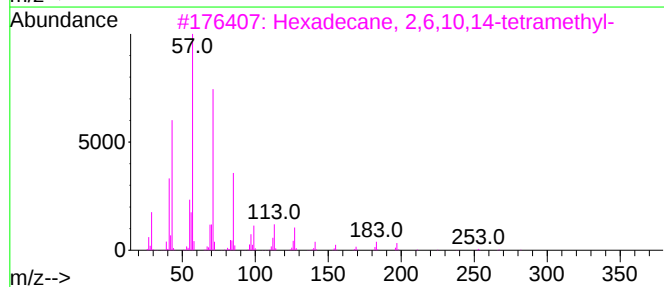
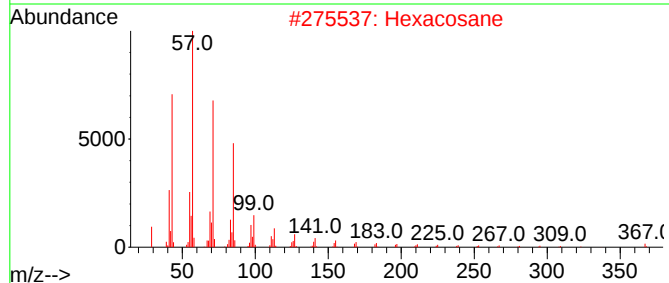
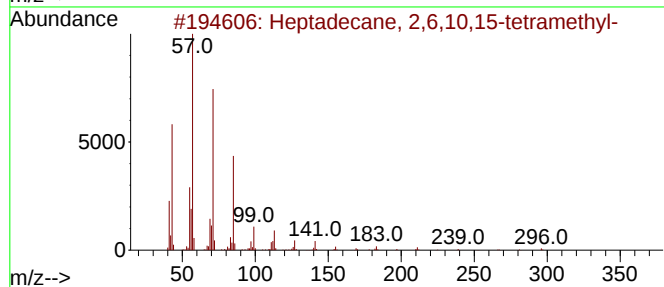
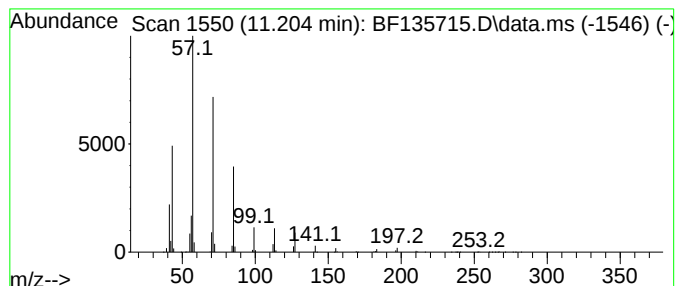
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 11.204    | 20.00 ng                            | 3182180 | Phenanthrene-d10 | 11.298      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Heptadecane, 2,6,10,15-tetramethyl- | 296     | C21H44           | 054833-48-6 | 90   |
| 2         | Hexacosane                          | 366     | C26H54           | 000630-01-3 | 90   |
| 3         | Hexadecane, 2,6,10,14-tetramethyl-  | 282     | C20H42           | 000638-36-8 | 86   |
| 4         | Hentriacontane                      | 437     | C31H64           | 000630-04-6 | 83   |
| 5         | Heptadecane                         | 240     | C17H36           | 000629-78-7 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101123\  
Data File : BF135715.D  
Acq On : 11 Oct 2023 16:11  
Operator : CG\JU  
Sample : 04817-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.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 |
| 2-Pentanone, 4-... | 4.963  | 20.5    | ng    | 596958   | 1                     | 6.739  | 581178  | 20.0 |
| unknown8.704       | 8.704  | 5.1     | ng    | 161156   | 2                     | 8.016  | 633899  | 20.0 |
| Naphthalene, 1,... | 8.839  | 6.1     | ng    | 194710   | 2                     | 8.016  | 633899  | 20.0 |
| Dodecane, 2,7,1... | 9.039  | 7.1     | ng    | 426796   | 3                     | 9.780  | 1196920 | 20.0 |
| Decahydro-1,1,4... | 9.169  | 15.5    | ng    | 925481   | 3                     | 9.780  | 1196920 | 20.0 |
| 2,4,7,9-Tetrame... | 9.216  | 9.0     | ng    | 538538   | 3                     | 9.780  | 1196920 | 20.0 |
| unknown9.475       | 9.475  | 10.3    | ng    | 615729   | 3                     | 9.780  | 1196920 | 20.0 |
| Tridecane, 5-pr... | 9.498  | 14.7    | ng    | 877297   | 3                     | 9.780  | 1196920 | 20.0 |
| unknown9.527       | 9.527  | 5.9     | ng    | 355138   | 3                     | 9.780  | 1196920 | 20.0 |
| unknown9.639       | 9.639  | 12.9    | ng    | 772090   | 3                     | 9.780  | 1196920 | 20.0 |
| unknown9.680       | 9.680  | 20.8    | ng    | 1244720  | 3                     | 9.780  | 1196920 | 20.0 |
| unknown9.716       | 9.716  | 11.2    | ng    | 671365   | 3                     | 9.780  | 1196920 | 20.0 |
| unknown9.892       | 9.892  | 6.3     | ng    | 379148   | 3                     | 9.780  | 1196920 | 20.0 |
| Naphthalene, 2,... | 9.980  | 4.7     | ng    | 281001   | 3                     | 9.780  | 1196920 | 20.0 |
| Carbonic acid, ... | 10.039 | 21.0    | ng    | 1255420  | 3                     | 9.780  | 1196920 | 20.0 |
| unknown10.110      | 10.110 | 17.2    | ng    | 1027840  | 3                     | 9.780  | 1196920 | 20.0 |
| 2,11-Dioxabicyc... | 10.186 | 13.5    | ng    | 809453   | 3                     | 9.780  | 1196920 | 20.0 |
| Undecane, 3,6-d... | 10.451 | 40.4    | ng    | 2418680  | 3                     | 9.780  | 1196920 | 20.0 |
| Pentadecane, 2,... | 10.727 | 35.2    | ng    | 5600190  | 4                     | 11.298 | 3182180 | 20.0 |
| Heptadecane, 2,... | 11.204 | 20.0    | ng    | 3182180  | 4                     | 11.298 | 3182180 | 20.0 |