

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
 Data File : BF136520.D  
 Acq On : 12 Dec 2023 17:21  
 Operator : CG\JU  
 Sample : 05740-01 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CHRT-24328

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-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136520.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         | 5.422       | 564           | 567         | 576          | rBV      | 246074         | 229111        | 3.77%           | 0.610%        |
| 2         | 6.428       | 735           | 738         | 748          | rBV      | 237077         | 239755        | 3.94%           | 0.638%        |
| 3         | 6.792       | 797           | 800         | 804          | rBV      | 524891         | 428728        | 7.05%           | 1.141%        |
| 4         | 6.857       | 807           | 811         | 819          | rBV2     | 88657          | 169120        | 2.78%           | 0.450%        |
| 5         | 7.351       | 892           | 895         | 899          | rVB      | 169588         | 137037        | 2.25%           | 0.365%        |
| 6         | 8.069       | 1012          | 1017        | 1021         | rBV      | 618487         | 629898        | 10.35%          | 1.676%        |
| 7         | 8.316       | 1054          | 1059        | 1060         | rBV3     | 72740          | 112009        | 1.84%           | 0.298%        |
| 8         | 8.363       | 1063          | 1067        | 1070         | rVV4     | 100398         | 128407        | 2.11%           | 0.342%        |
| 9         | 8.498       | 1085          | 1090        | 1091         | rBV3     | 82631          | 90260         | 1.48%           | 0.240%        |
| 10        | 8.533       | 1094          | 1096        | 1099         | rVB3     | 128711         | 125642        | 2.06%           | 0.334%        |
| 11        | 8.575       | 1100          | 1103        | 1106         | rBV3     | 135947         | 123975        | 2.04%           | 0.330%        |
| 12        | 8.616       | 1106          | 1110        | 1112         | rBV4     | 65980          | 112108        | 1.84%           | 0.298%        |
| 13        | 8.698       | 1120          | 1124        | 1126         | rBV4     | 74871          | 128097        | 2.11%           | 0.341%        |
| 14        | 8.763       | 1132          | 1135        | 1137         | rBV4     | 94573          | 90860         | 1.49%           | 0.242%        |
| 15        | 8.816       | 1141          | 1144        | 1147         | rBV3     | 103647         | 104145        | 1.71%           | 0.277%        |
| 16        | 8.845       | 1147          | 1149        | 1152         | rBV3     | 109815         | 126839        | 2.08%           | 0.338%        |
| 17        | 8.898       | 1153          | 1158        | 1162         | rBV3     | 364833         | 431206        | 7.09%           | 1.148%        |
| 18        | 8.951       | 1165          | 1167        | 1170         | rBV4     | 102031         | 111078        | 1.83%           | 0.296%        |
| 19        | 9.039       | 1180          | 1182        | 1184         | rVB3     | 173398         | 120590        | 1.98%           | 0.321%        |
| 20        | 9.069       | 1184          | 1187        | 1189         | rBV2     | 219908         | 207127        | 3.40%           | 0.551%        |
| 21        | 9.098       | 1189          | 1192        | 1195         | rBV3     | 362914         | 341644        | 5.61%           | 0.909%        |
| 22        | 9.145       | 1197          | 1200        | 1205         | rVB3     | 395685         | 444715        | 7.31%           | 1.184%        |
| 23        | 9.186       | 1205          | 1207        | 1210         | rBV4     | 213930         | 184693        | 3.04%           | 0.492%        |
| 24        | 9.227       | 1210          | 1214        | 1219         | rBV5     | 541429         | 919909        | 15.12%          | 2.448%        |
| 25        | 9.275       | 1220          | 1222        | 1225         | rBV4     | 164517         | 244059        | 4.01%           | 0.650%        |
| 26        | 9.304       | 1225          | 1227        | 1229         | rVB      | 233773         | 171849        | 2.82%           | 0.457%        |
| 27        | 9.427       | 1246          | 1248        | 1251         | rVB3     | 312667         | 293873        | 4.83%           | 0.782%        |
| 28        | 9.463       | 1252          | 1254        | 1256         | rBV2     | 365519         | 341806        | 5.62%           | 0.910%        |
| 29        | 9.492       | 1256          | 1259        | 1261         | rBV2     | 452049         | 480332        | 7.89%           | 1.278%        |
| 30        | 9.516       | 1261          | 1263        | 1265         | rVB      | 523607         | 392045        | 6.44%           | 1.043%        |
| 31        | 9.539       | 1265          | 1267        | 1269         | rBV2     | 1522146        | 1256006       | 20.64%          | 3.343%        |
| 32        | 9.563       | 1269          | 1271        | 1273         | rVB      | 990360         | 734900        | 12.08%          | 1.956%        |
| 33        | 9.586       | 1273          | 1275        | 1278         | rBV3     | 379444         | 414472        | 6.81%           | 1.103%        |
| 34        | 9.651       | 1284          | 1286        | 1288         | rVB2     | 596657         | 420708        | 6.91%           | 1.120%        |
| 35        | 9.698       | 1291          | 1294        | 1299         | rBV5     | 980819         | 1539726       | 25.30%          | 4.098%        |
| 36        | 9.745       | 1299          | 1302        | 1305         | rVB2     | 2034224        | 1906519       | 31.33%          | 5.074%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 9.786  | 1305 | 1309 | 1311 | rBV3 | 615706  | 788282  | 12.95%  | 2.098%  |
| 38 | 9.816  | 1311 | 1314 | 1316 | rBV2 | 1477575 | 1857679 | 30.53%  | 4.944%  |
| 39 | 9.839  | 1316 | 1318 | 1321 | rVB3 | 1265085 | 1198552 | 19.70%  | 3.190%  |
| 40 | 10.045 | 1350 | 1353 | 1355 | rVB2 | 750292  | 572154  | 9.40%   | 1.523%  |
| 41 | 10.104 | 1361 | 1363 | 1370 | rBV3 | 1136331 | 1266509 | 20.81%  | 3.371%  |
| 42 | 10.163 | 1370 | 1373 | 1374 | rBV2 | 1056616 | 1045784 | 17.19%  | 2.783%  |
| 43 | 10.216 | 1379 | 1382 | 1385 | rBV4 | 872179  | 1149448 | 18.89%  | 3.059%  |
| 44 | 10.251 | 1385 | 1388 | 1390 | rBV3 | 1840418 | 1966218 | 32.31%  | 5.233%  |
| 45 | 10.386 | 1409 | 1411 | 1413 | rBV2 | 1121778 | 1076519 | 17.69%  | 2.865%  |
| 46 | 10.516 | 1429 | 1433 | 1436 | rBV  | 2235950 | 2472794 | 40.64%  | 6.581%  |
| 47 | 10.792 | 1474 | 1480 | 1483 | rBV2 | 3868227 | 6085234 | 100.00% | 16.195% |
| 48 | 16.409 | 2430 | 2435 | 2443 | rVB  | 573742  | 1270452 | 20.88%  | 3.381%  |
| 49 | 17.151 | 2555 | 2561 | 2573 | rVB2 | 472950  | 1386018 | 22.78%  | 3.689%  |
| 50 | 18.068 | 2708 | 2717 | 2731 | rVB3 | 421157  | 1504900 | 24.73%  | 4.005%  |

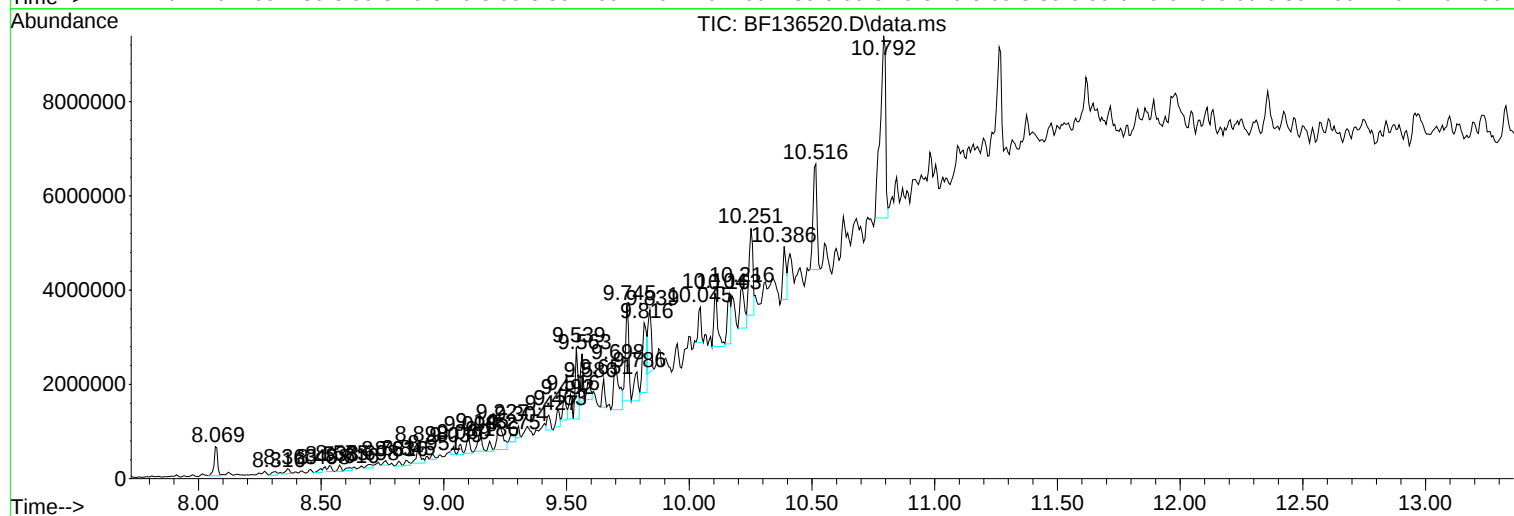
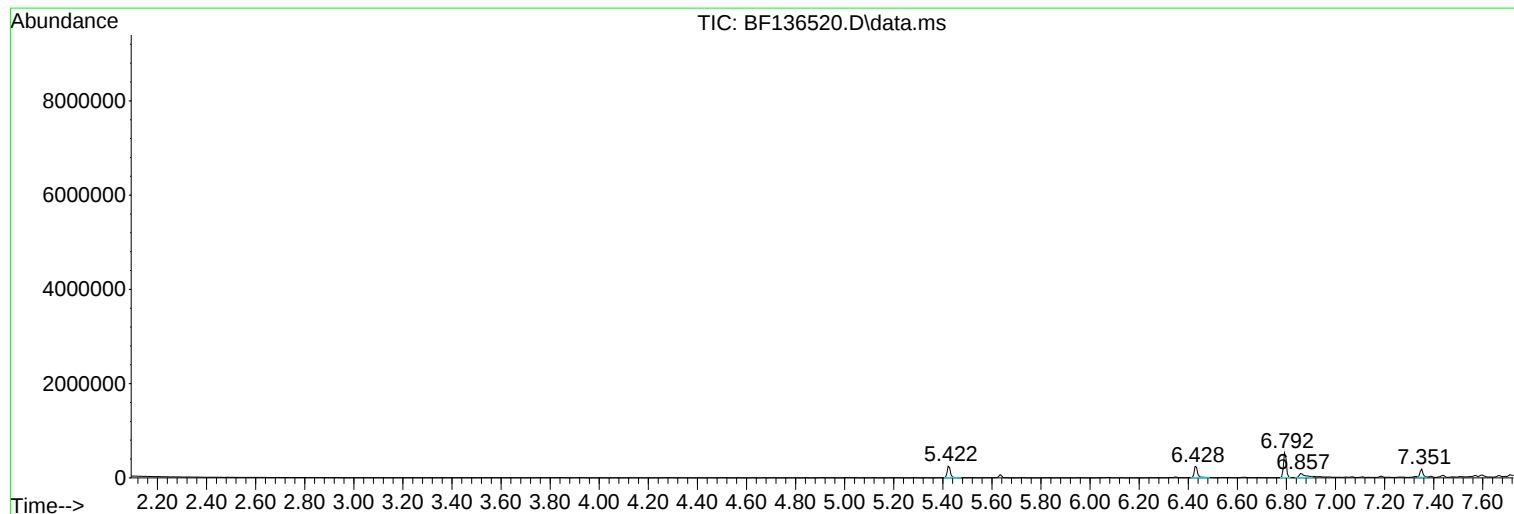
Sum of corrected areas: 37573791

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.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\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

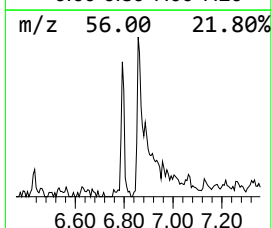
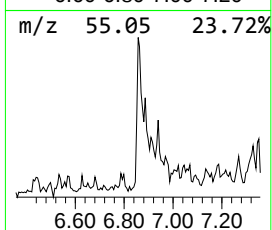
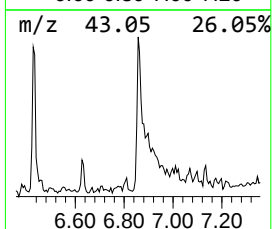
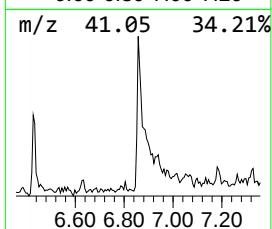
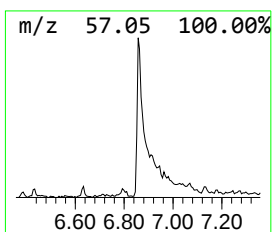
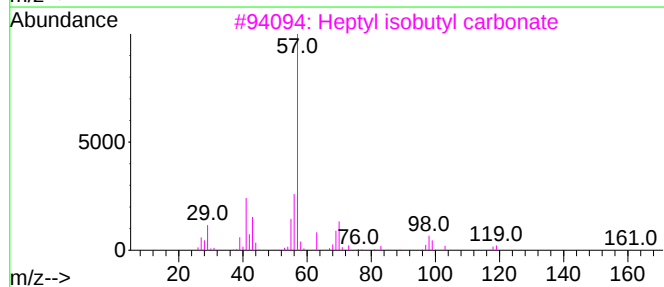
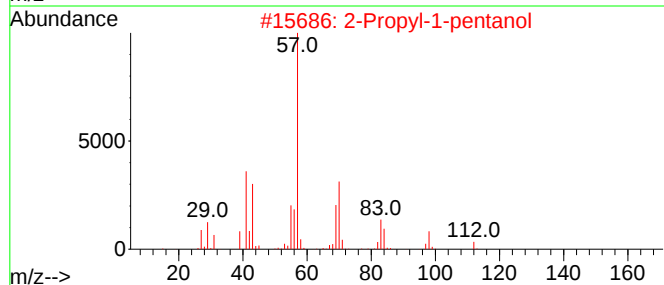
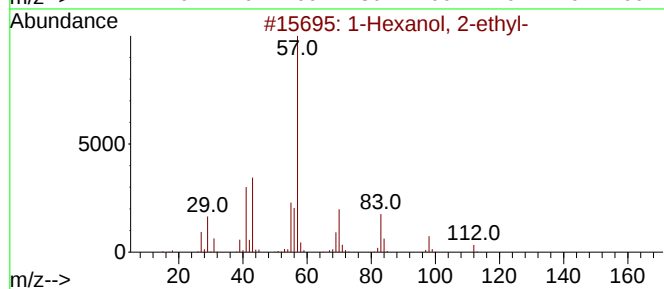
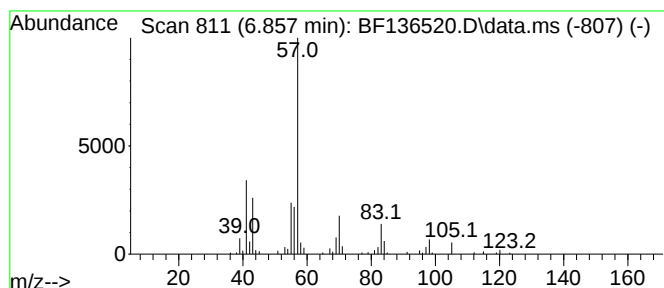
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.857 | 7.89 ng | 169120 | 1,4-Dichlorobenzene-d4 | 6.792 |

| Hit# | of                            | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|-------------------------------|---|--------------|-----|----------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O   | 000104-76-7 | 72   |
| 2    | 2-Propyl-1-pentanol           |   |              | 130 | C8H18O   | 058175-57-8 | 59   |
| 3    | Heptyl isobutyl carbonate     |   |              | 216 | C12H24O3 | 959068-08-7 | 53   |
| 4    | Heptane, 1,1'-oxybis-         |   |              | 214 | C14H30O  | 000629-64-1 | 53   |
| 5    | 1-Pentanol, 2-ethyl-4-methyl- |   |              | 130 | C8H18O   | 000106-67-2 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

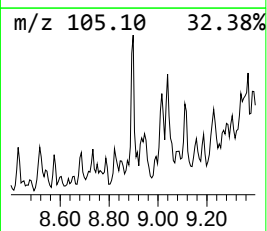
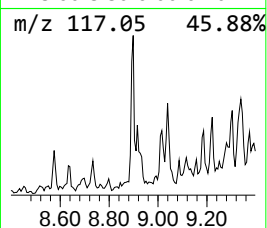
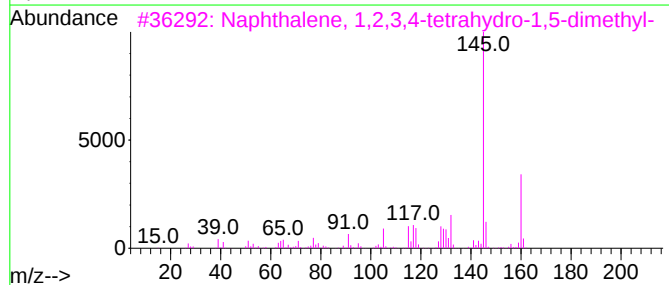
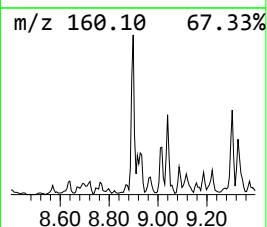
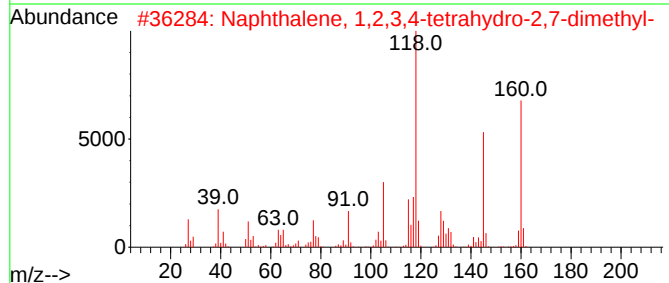
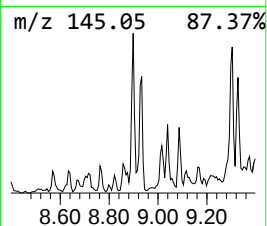
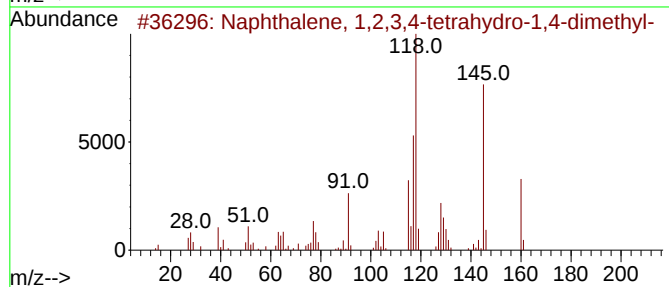
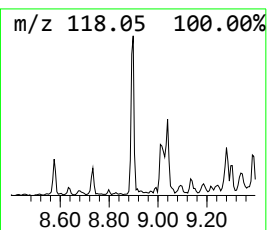
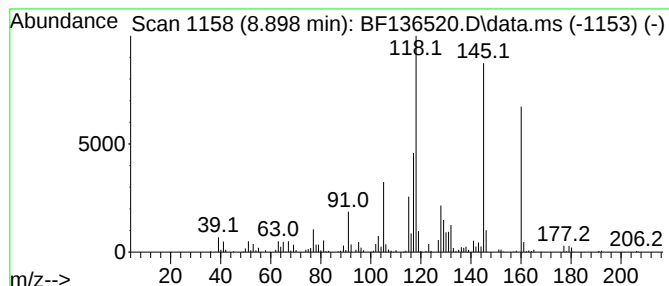
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 2 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 15

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 8.898     | 13.69 ng                            | 431206 | Naphthalene-d8   | 8.069       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 004175-54-6 | 95   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 013065-07-1 | 70   |
| 3         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 021564-91-0 | 64   |
| 4         | Benzene, 1-(1-methylethenyl)-3-(... | 160    | C12H16           | 001129-29-9 | 64   |
| 5         | 2,4-Dimethylphenylacetonitrile      | 145    | C10H11N          | 068429-53-8 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

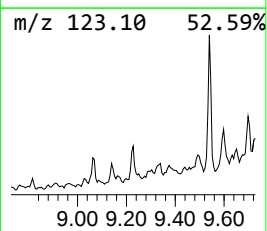
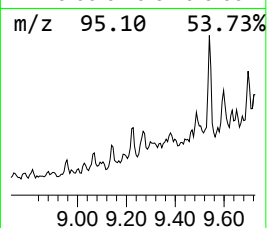
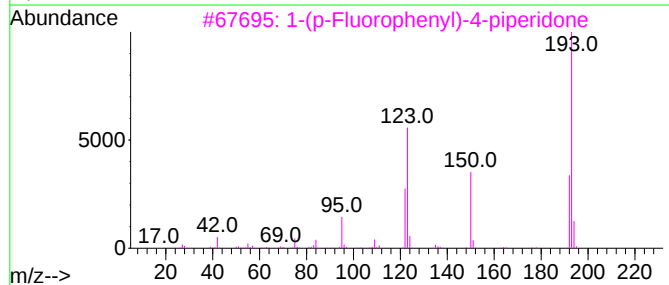
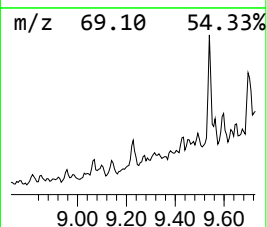
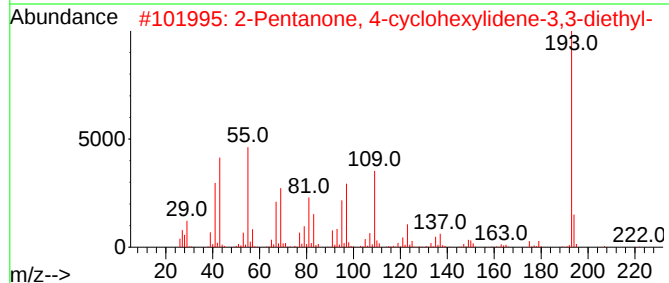
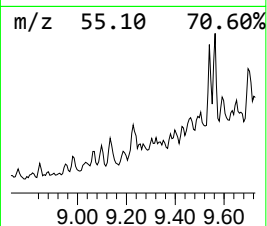
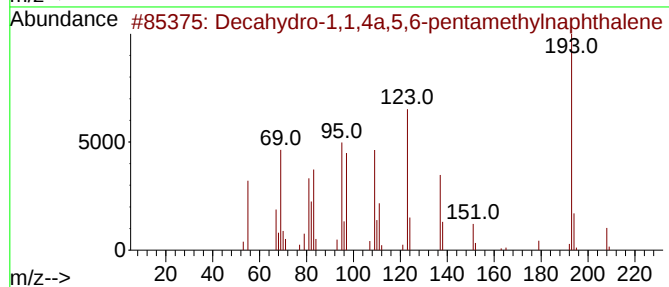
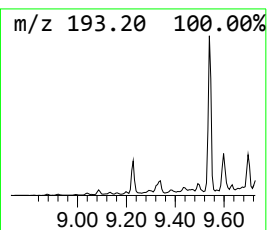
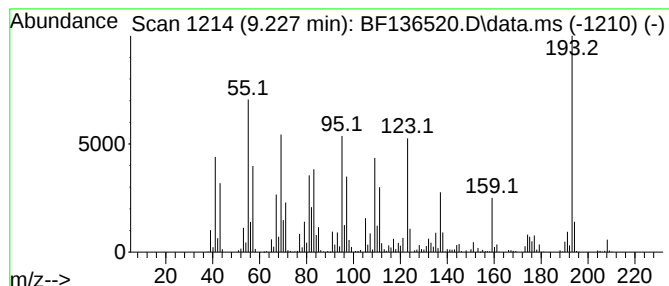
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 3 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.227     | 15.35 ng                            | 919909 | Acenaphthene-d10 | 9.833        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Decahydro-1,1,4a,5,6-pentamethyl... | 208    | C15H28           | 080655-44-3  | 80   |
| 2         | 2-Pentanone, 4-cyclohexylidene-3... | 222    | C15H26O          | 313253-65-5  | 47   |
| 3         | 1-(p-Fluorophenyl)-4-piperidone     | 193    | C11H12FNO        | 1000238-56-7 | 38   |
| 4         | Pyrazolo[5,1-c]-as-triazine-3-ca... | 193    | C6H7N7O          | 016111-78-7  | 27   |
| 5         | Diallyldivinylsilane                | 164    | C10H16Si         | 119901-88-1  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

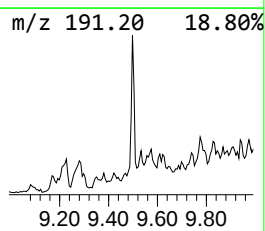
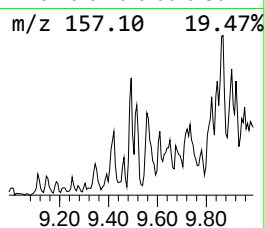
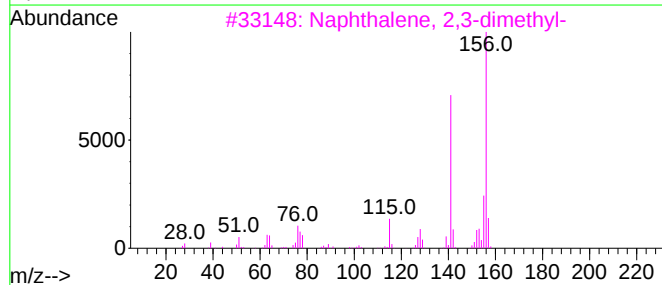
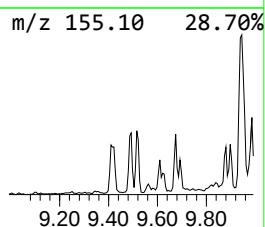
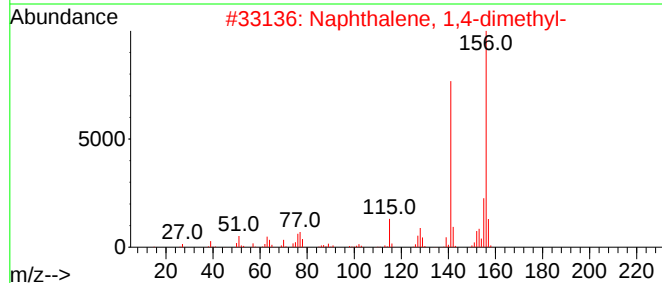
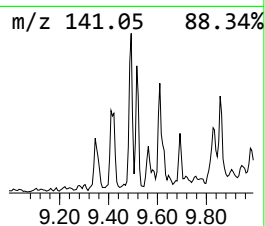
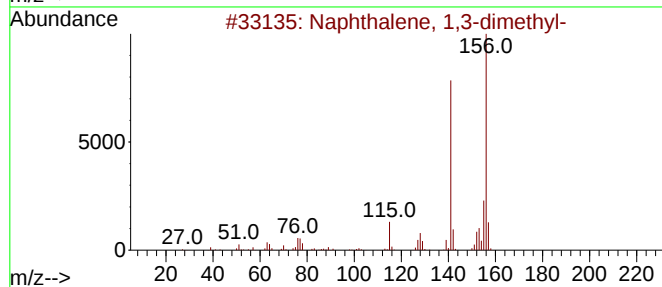
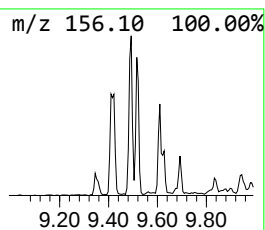
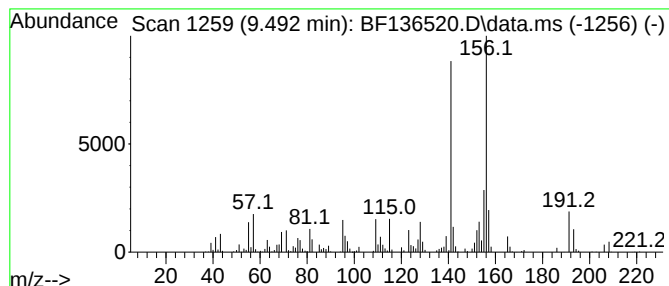
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.492 | 8.02 ng | 480332 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 2    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 3    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 95   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 95   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

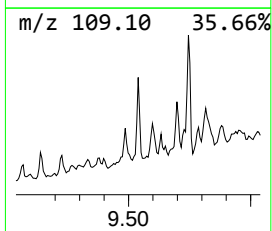
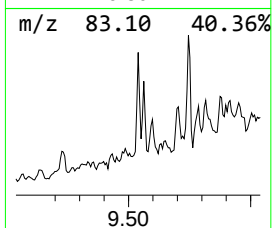
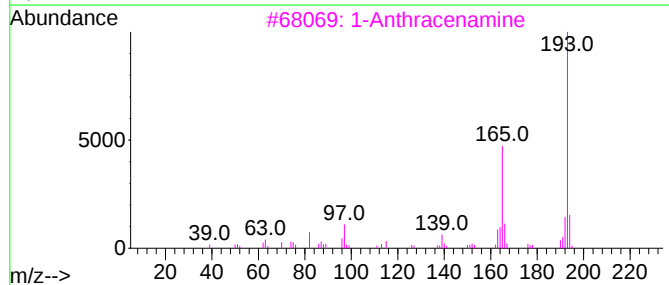
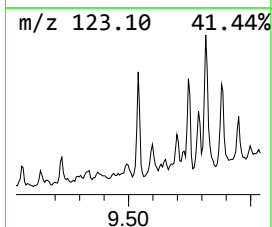
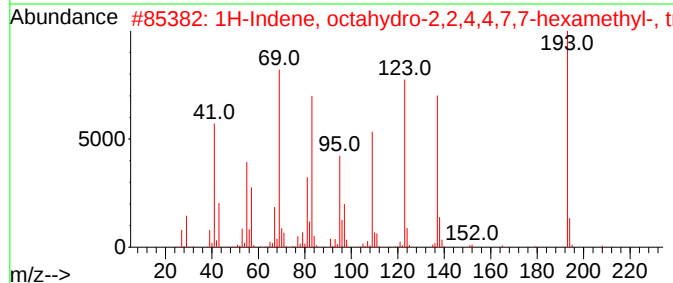
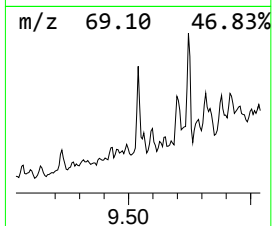
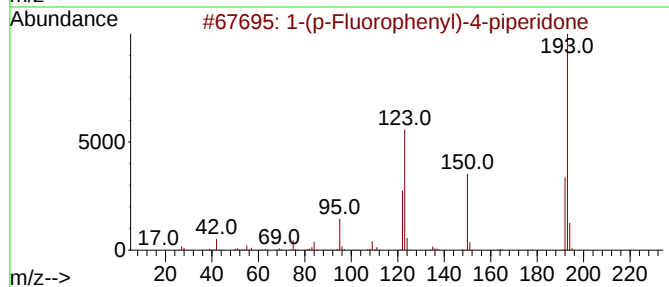
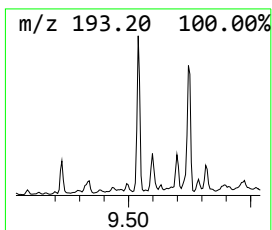
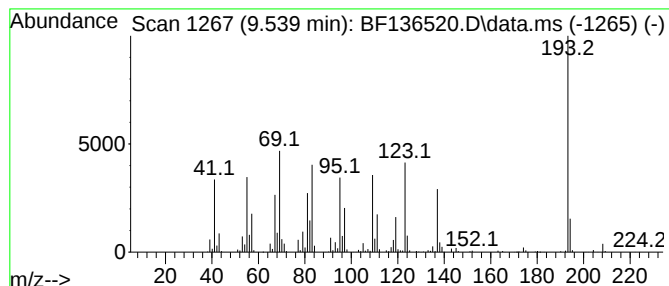
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 unknown9.539 Concentration Rank 8

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.539 | 20.96 ng | 1256010 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1-(p-Fluorophenyl)-4-piperidone     | 193 | C11H12FNO | 1000238-56-7 | 38   |
| 2    |    |   | 1H-Indene, octahydro-2,2,4,4,7,7... | 208 | C15H28    | 054832-83-6  | 32   |
| 3    |    |   | 1-Anthracenamine                    | 193 | C14H11N   | 000610-49-1  | 27   |
| 4    |    |   | 2-Anthracenamine                    | 193 | C14H11N   | 000613-13-8  | 27   |
| 5    |    |   | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28    | 080655-44-3  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

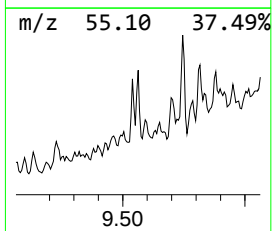
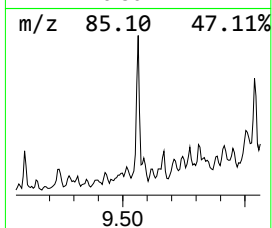
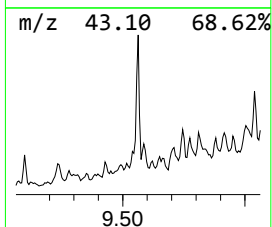
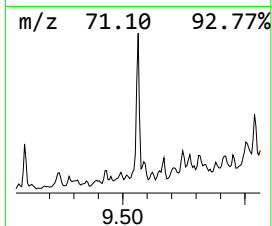
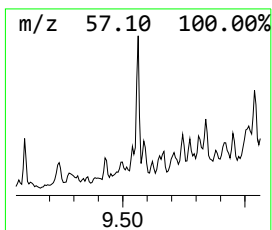
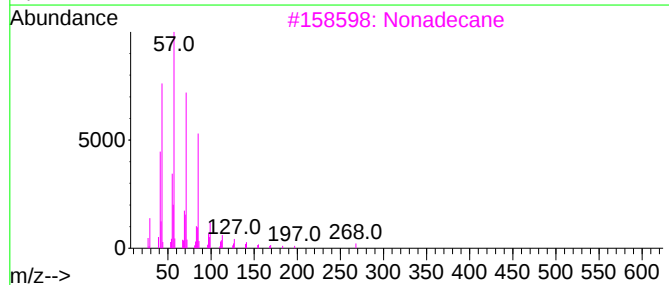
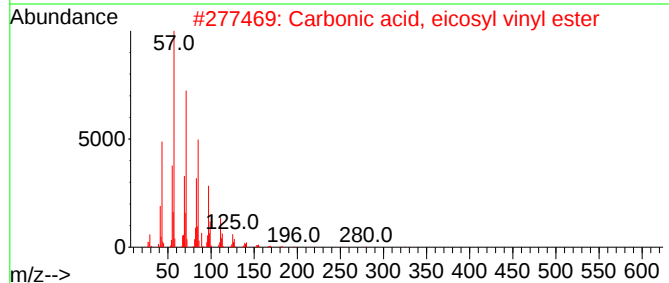
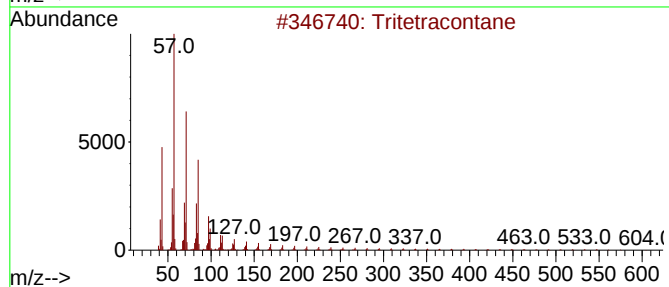
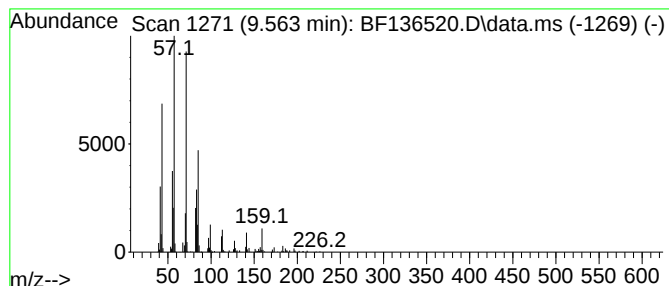
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Tritetracontane Concentration Rank 16

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.563 | 12.26 ng | 734900 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tritetracontane                     | 605 | C43H88   | 007098-21-7  | 80   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 74   |
| 3    |    |   | Nonadecane                          | 268 | C19H40   | 000629-92-5  | 64   |
| 4    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 58   |
| 5    |    |   | 2,6,10-Trimethyltridecane           | 226 | C16H34   | 003891-99-4  | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

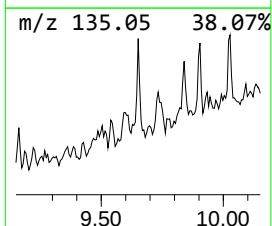
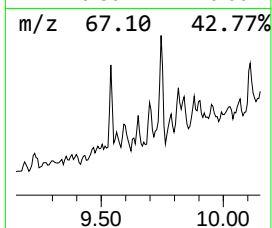
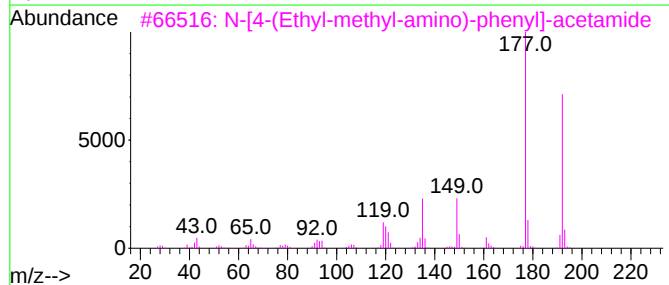
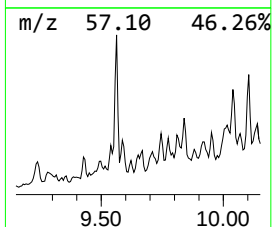
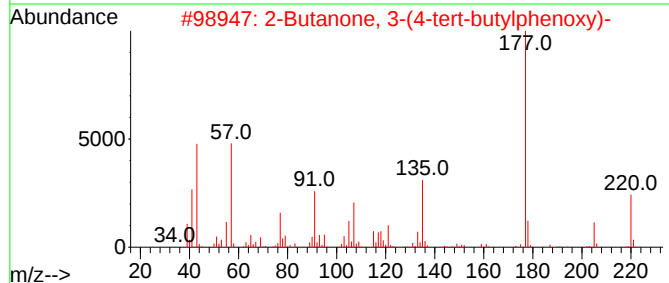
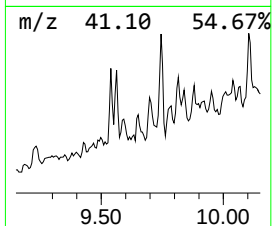
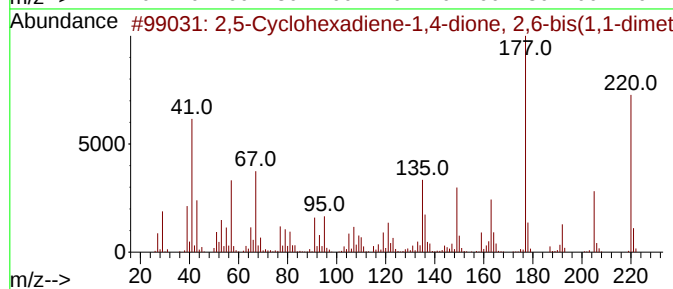
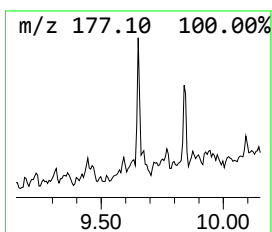
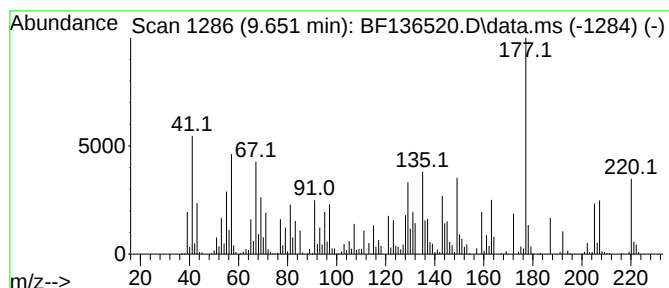
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 7 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 20

| R.T.  | EstConc | Area                                | Relative to ISTD |           |              | R.T.  |
|-------|---------|-------------------------------------|------------------|-----------|--------------|-------|
| 9.651 | 7.02 ng | 420708                              | Acenaphthene-d10 |           |              | 9.833 |
| Hit#  | of 5    | Tentative ID                        | MW               | MolForm   | CAS#         | Qual  |
| 1     |         | 2,5-Cyclohexadiene-1,4-dione, 2,... | 220              | C14H20O2  | 000719-22-2  | 96    |
| 2     |         | 2-Butanone, 3-(4-tert-butylpheno... | 220              | C14H20O2  | 160875-28-5  | 46    |
| 3     |         | N-[4-(Ethyl-methyl-amino)-phenyl... | 192              | C11H16N2O | 099981-45-0  | 46    |
| 4     |         | 2H-1-benzopyran-6-ol, 3,4-dihydr... | 220              | C14H20O2  | 1000396-25-4 | 46    |
| 5     |         | trans-.beta.-Ionone                 | 192              | C13H20O   | 000079-77-6  | 35    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

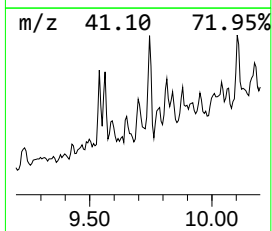
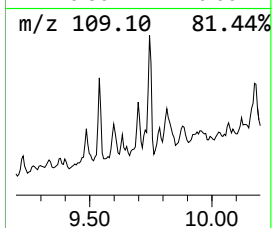
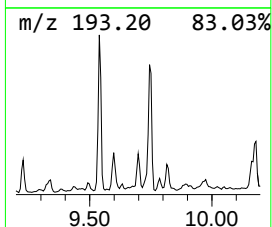
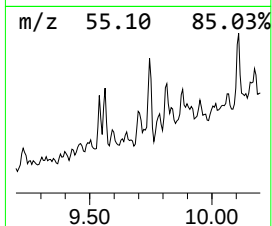
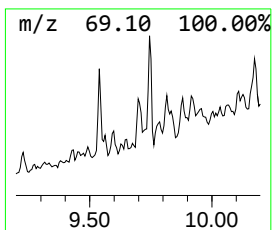
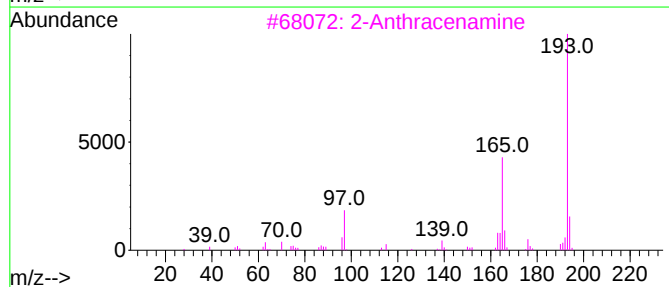
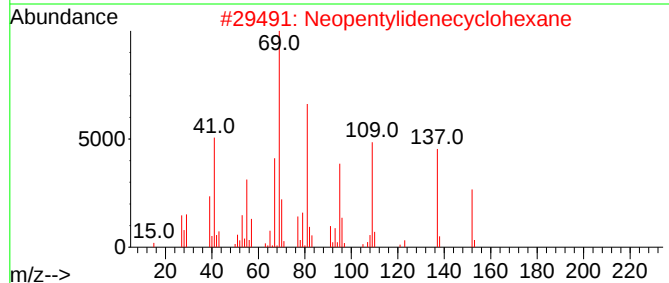
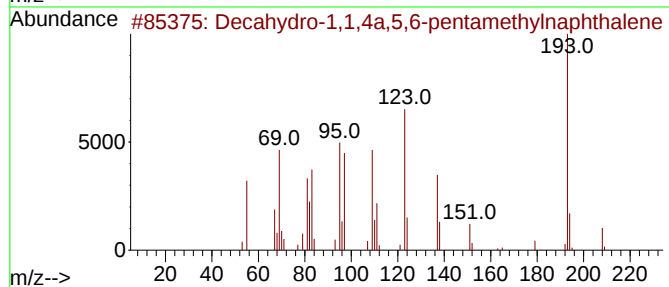
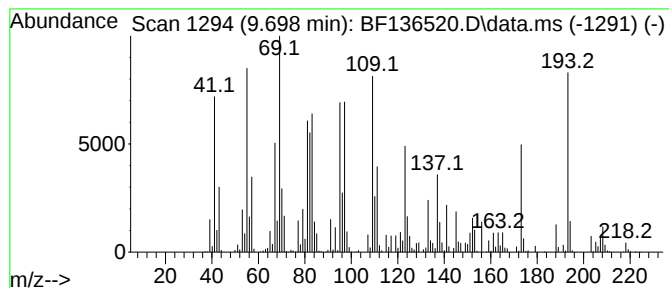
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 unknown9.698 Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.698 | 25.69 ng | 1539730 | Acenaphthene-d10 | 9.833 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28       | 080655-44-3 | 78      |      |      |
| 2    | Neopentylidenecyclohexane           | 152 | C11H20       | 039546-80-0 | 30      |      |      |
| 3    | 2-Anthracenamine                    | 193 | C14H11N      | 000613-13-8 | 25      |      |      |
| 4    | (4-tert-Butylphenoxy)acetic acid    | 208 | C12H16O3     | 001798-04-5 | 25      |      |      |
| 5    | [1,1'-Biphenyl]-4-acetonitrile      | 193 | C14H11N      | 031603-77-7 | 25      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

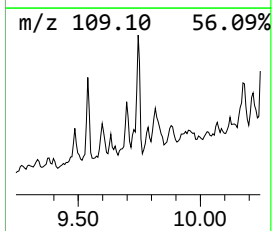
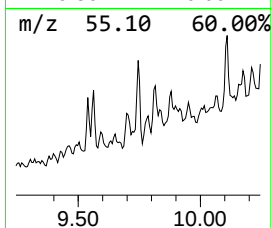
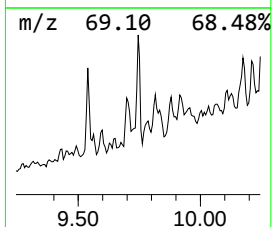
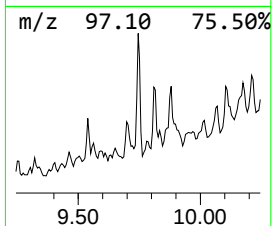
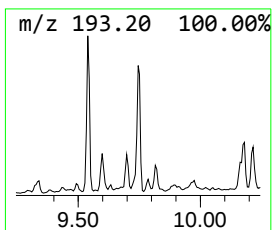
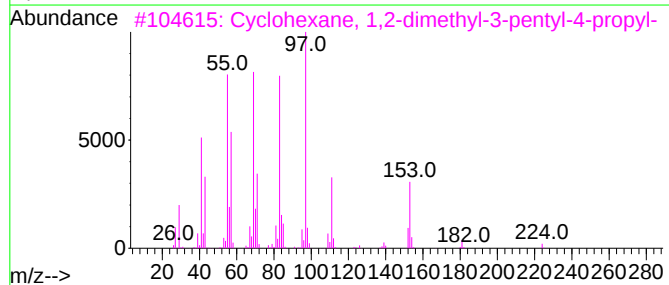
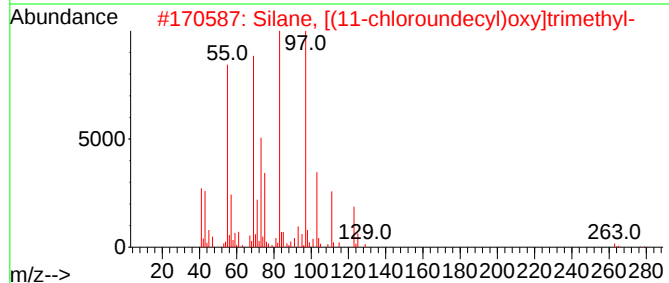
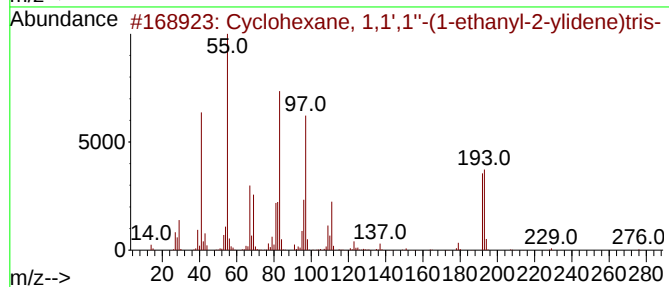
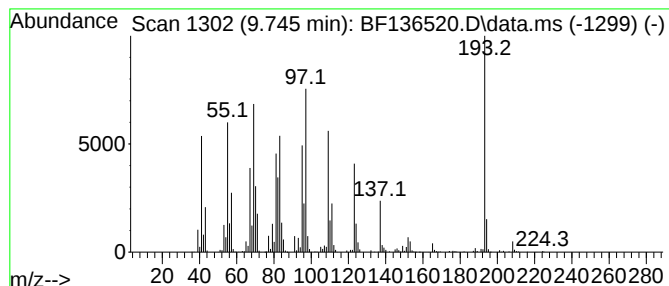
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 unknown9.745 Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.745 | 31.81 ng | 1906520 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Cyclohexane, 1,1',1''-(1-ethanyl... | 276 | C20H36      | 055682-86-5 | 43   |
| 2    |    |   | Silane, [(11-chloroundecyl)oxy]t... | 278 | C14H31ClOSi | 026305-82-8 | 22   |
| 3    |    |   | Cyclohexane, 1,2-dimethyl-3-pent... | 224 | C16H32      | 062376-17-4 | 22   |
| 4    |    |   | 1,2-Dodecanediol                    | 202 | C12H26O2    | 001119-87-5 | 22   |
| 5    |    |   | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18      | 000473-55-2 | 20   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

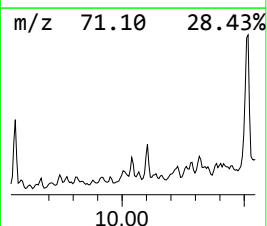
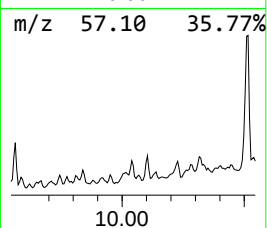
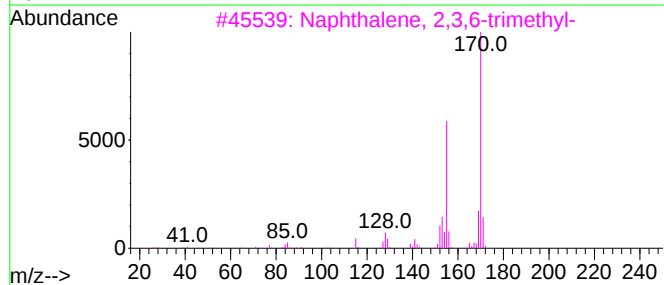
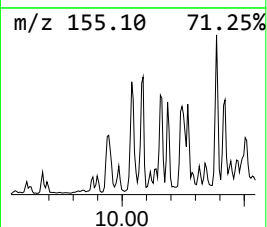
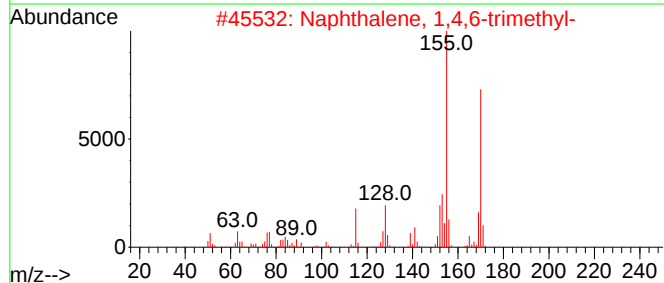
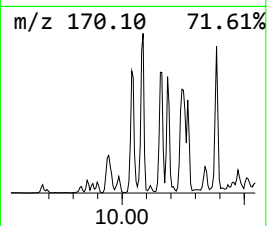
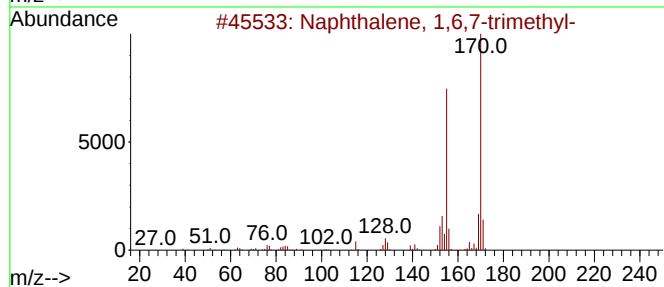
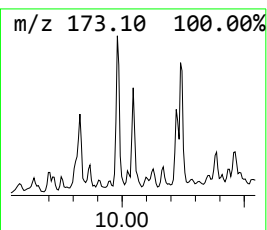
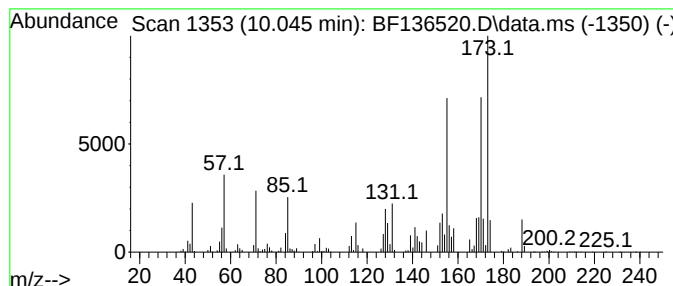
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.045 | 9.55 ng | 572154 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6,7-trimethyl-       | 170 | C13H14  | 002245-38-7 | 89   |
| 2    |    |   | Naphthalene, 1,4,6-trimethyl-       | 170 | C13H14  | 002131-42-2 | 84   |
| 3    |    |   | Naphthalene, 2,3,6-trimethyl-       | 170 | C13H14  | 000829-26-5 | 84   |
| 4    |    |   | 4,6,8-Trimethylazulene              | 170 | C13H14  | 000941-81-1 | 80   |
| 5    |    |   | 1,1,4,5,6-Pentamethyl-2,3-dihydr... | 188 | C14H20  | 016204-67-4 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

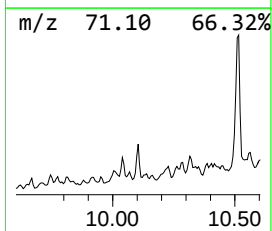
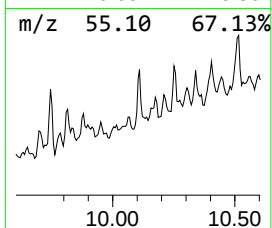
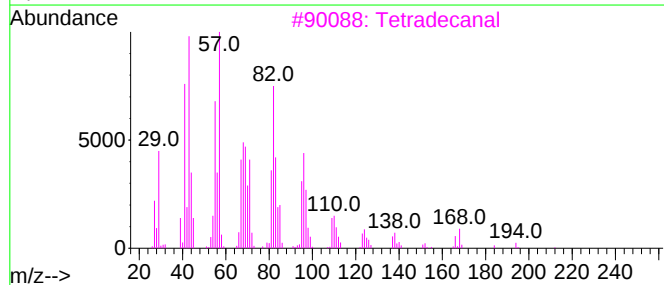
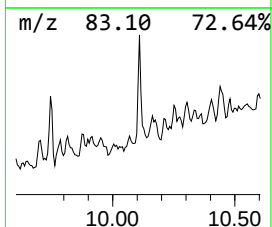
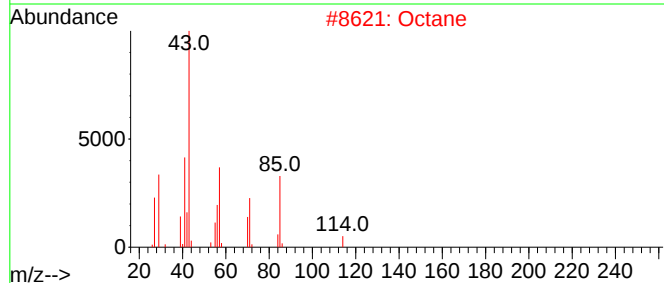
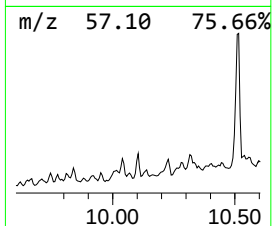
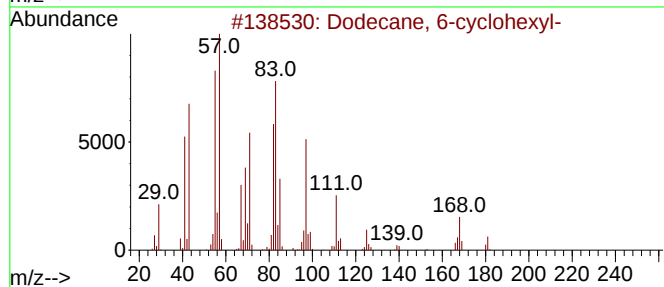
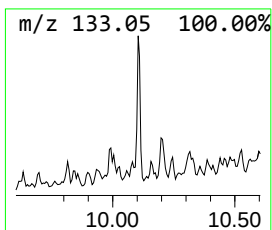
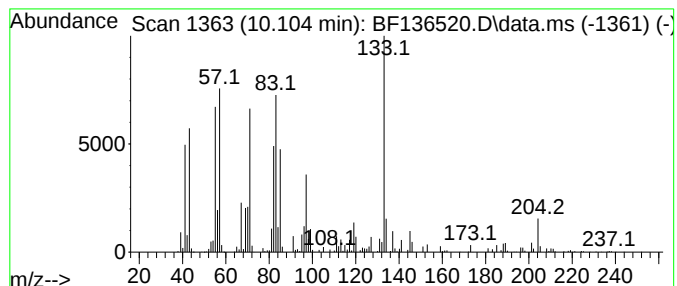
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 unknown10.104 Concentration Rank 7

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.104 | 21.13 ng | 1266510 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 6-cyclohexyl- | 252 | C18H36  | 013151-86-5 | 38   |
| 2    |    |   | Octane                  | 114 | C8H18   | 000111-65-9 | 25   |
| 3    |    |   | Tetradecanal            | 212 | C14H28O | 000124-25-4 | 18   |
| 4    |    |   | Hexacosane              | 366 | C26H54  | 000630-01-3 | 18   |
| 5    |    |   | Nonadecane              | 268 | C19H40  | 000629-92-5 | 18   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

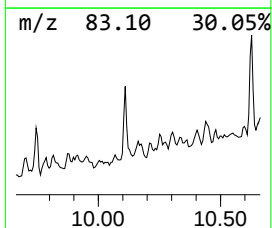
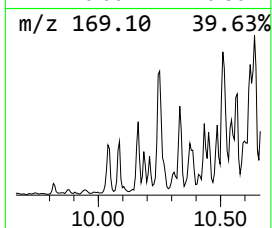
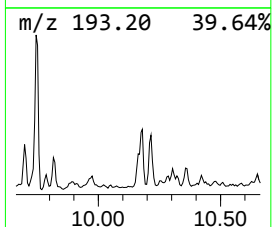
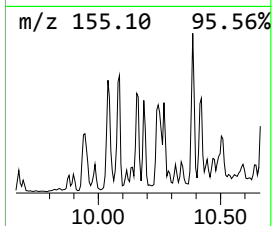
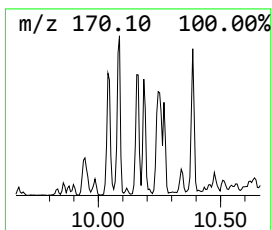
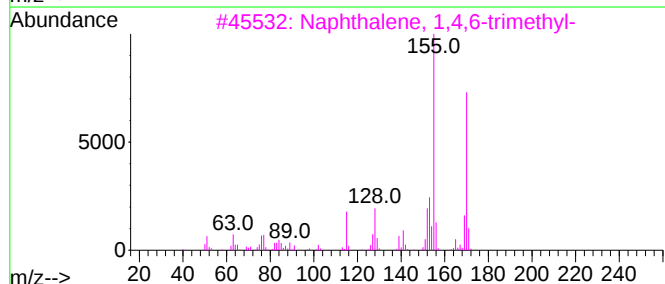
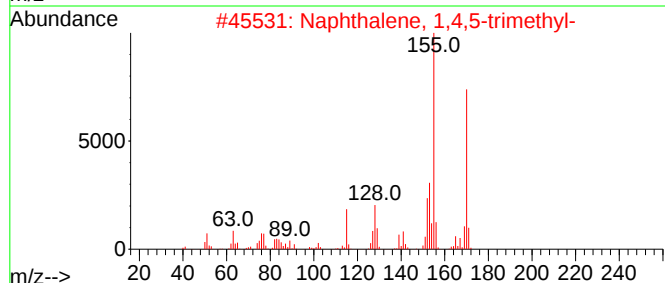
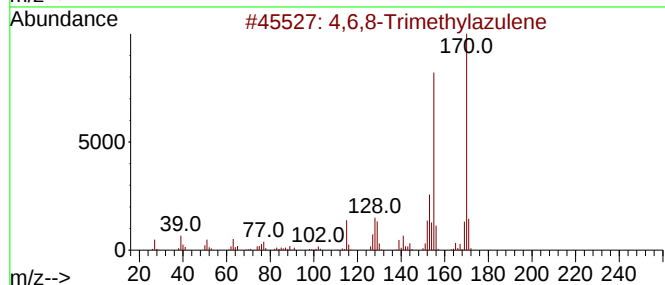
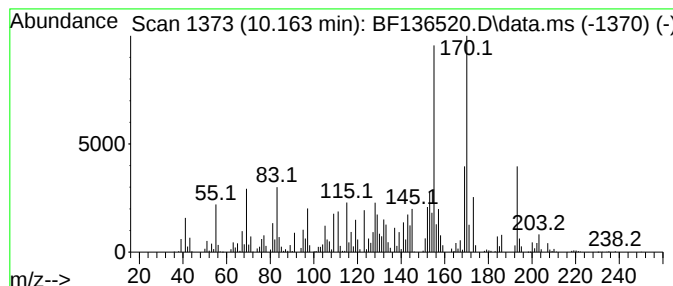
Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 4,6,8-Trimethylazulene Concentration Rank 13

| R.T.      | EstConc                       | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------|---------|------------------|-------------|------|
| 10.163    | 17.45 ng                      | 1045780 | Acenaphthene-d10 | 9.833       |      |
| Hit# of 5 | Tentative ID                  | MW      | MolForm          | CAS#        | Qual |
| 1         | 4,6,8-Trimethylazulene        | 170     | C13H14           | 000941-81-1 | 95   |
| 2         | Naphthalene, 1,4,5-trimethyl- | 170     | C13H14           | 002131-41-1 | 95   |
| 3         | Naphthalene, 1,4,6-trimethyl- | 170     | C13H14           | 002131-42-2 | 95   |
| 4         | Naphthalene, 2,3,6-trimethyl- | 170     | C13H14           | 000829-26-5 | 93   |
| 5         | Naphthalene, 1,6,7-trimethyl- | 170     | C13H14           | 002245-38-7 | 92   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

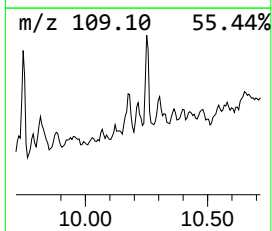
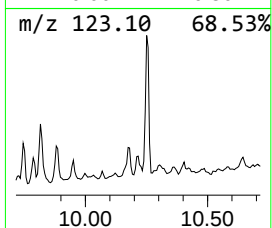
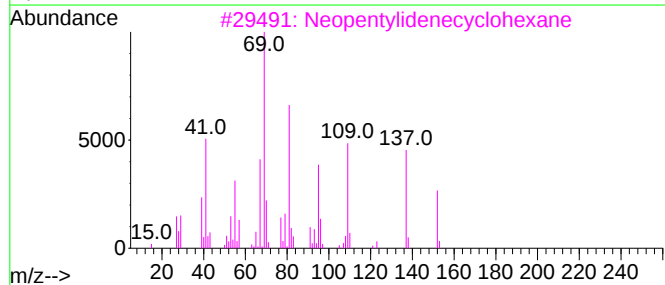
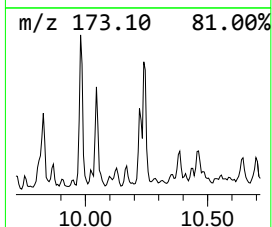
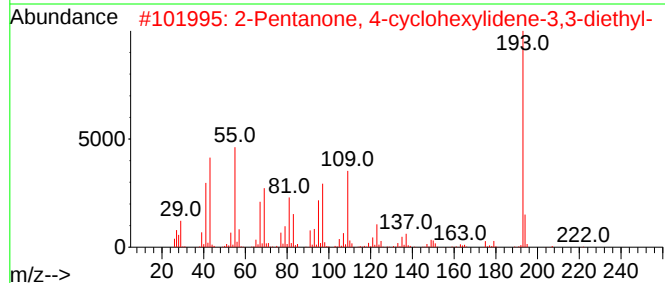
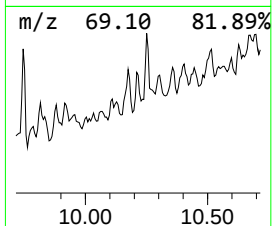
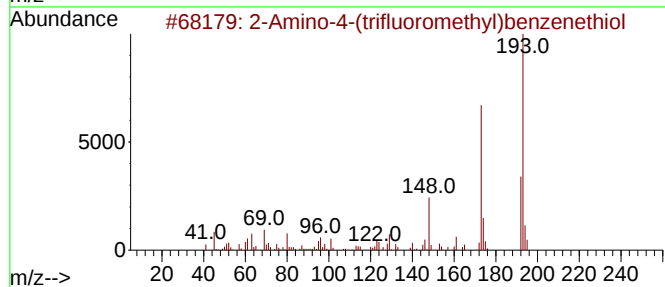
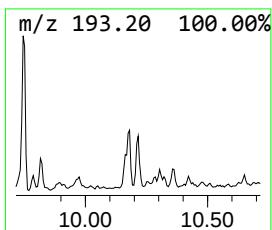
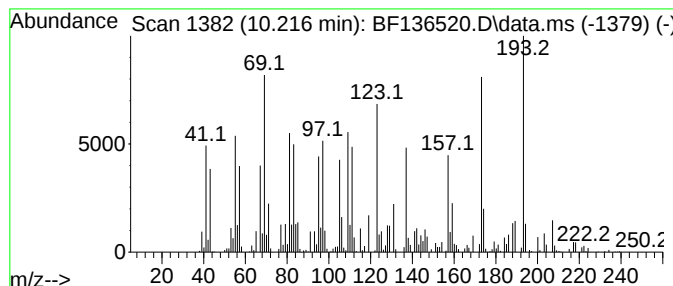
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 13 unknown10.216 Concentration Rank 11

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.216 | 19.18 ng | 1149450 | Acenaphthene-d10 | 9.833 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Amino-4-(trifluoromethyl)benze... | 193 | C7H6F3NS     | 004274-38-8  | 35      |      |      |
| 2    | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O      | 313253-65-5  | 27      |      |      |
| 3    | Neopentylidenecyclohexane           | 152 | C11H20       | 039546-80-0  | 25      |      |      |
| 4    | 6-Nitroundec-5-ene                  | 199 | C11H21NO2    | 1000192-40-3 | 14      |      |      |
| 5    | 1,5,9-Decatriene, 2,3,5,8-tetram... | 192 | C14H24       | 230646-72-7  | 14      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

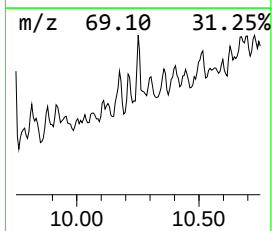
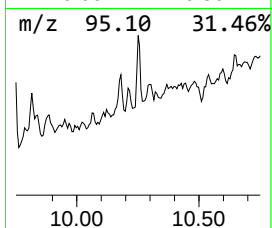
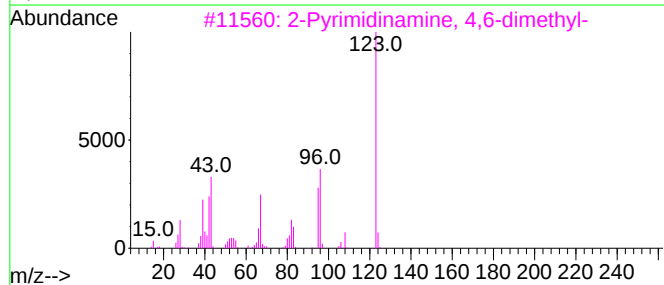
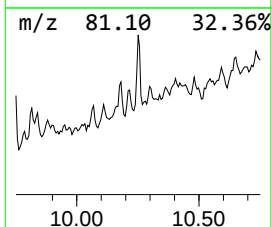
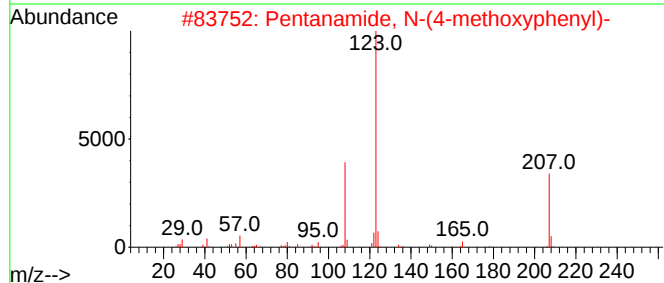
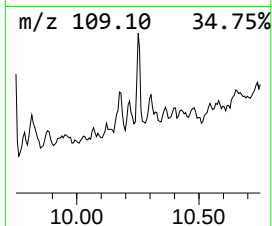
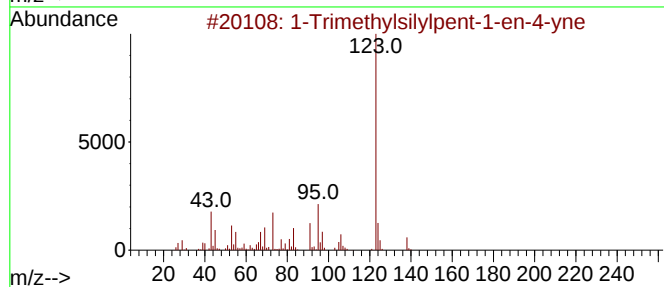
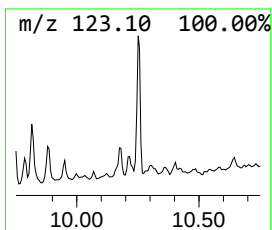
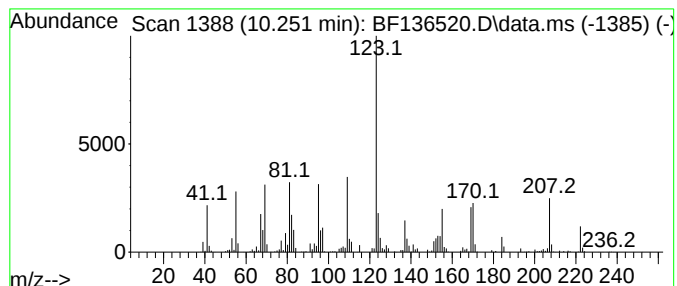
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 14 unknown10.251 Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.251 | 32.81 ng | 1966220 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1-Trimethylsilylpent-1-en-4-yne     | 138 | C8H14Si   | 079516-25-9  | 38   |
| 2    |    |   | Pentanamide, N-(4-methoxyphenyl)-   | 207 | C12H17NO2 | 1000306-89-3 | 38   |
| 3    |    |   | 2-Pyrimidinamine, 4,6-dimethyl-     | 123 | C6H9N3    | 000767-15-7  | 35   |
| 4    |    |   | 3-Fluorobenzoic acid, 4-tridecyl... | 322 | C20H31FO2 | 1000280-60-4 | 35   |
| 5    |    |   | 4-Fluorobenzoic acid, 3-methylbu... | 208 | C12H13FO2 | 1000299-15-1 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

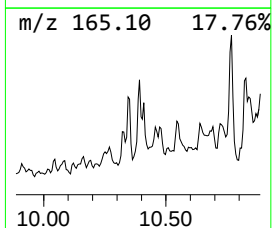
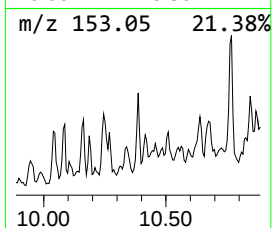
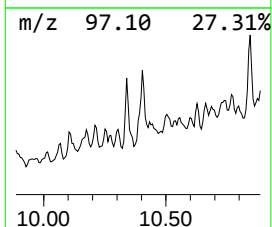
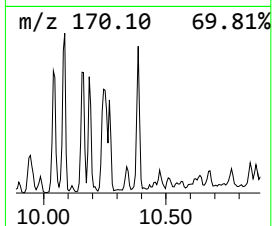
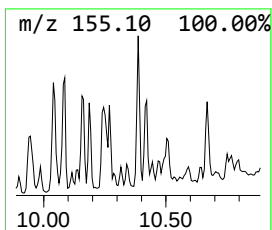
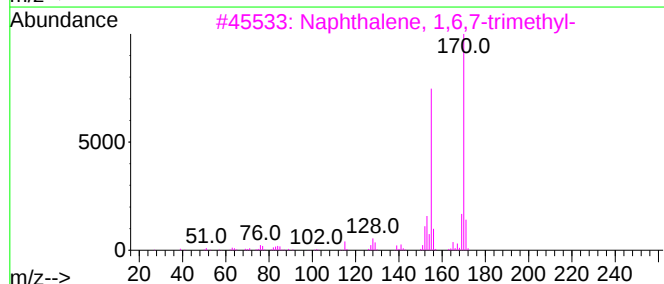
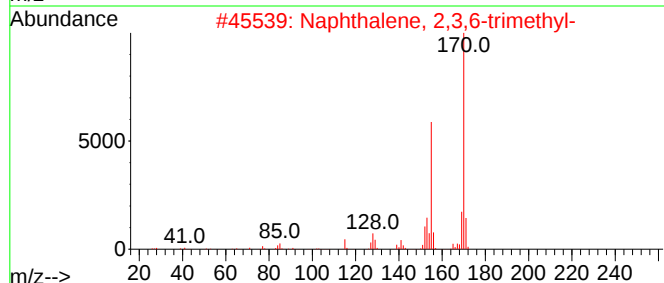
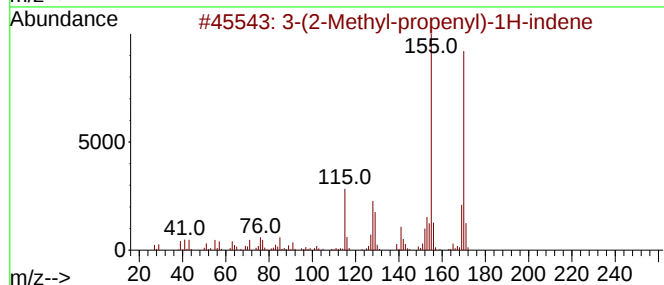
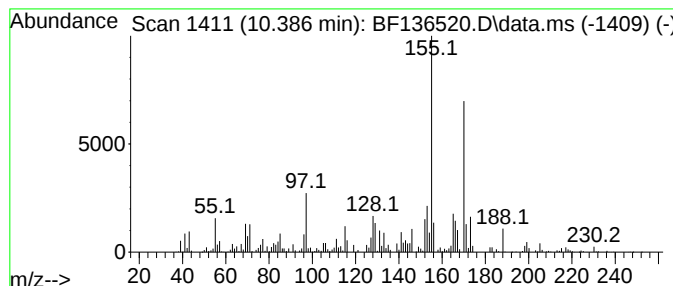
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 15 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 12

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 10.386    | 17.96 ng                            | 1076520 | Acenaphthene-d10 | 9.833        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | 3-(2-Methyl-propenyl)-1H-indene     | 170     | C13H14           | 1000187-78-5 | 91   |
| 2         | Naphthalene, 2,3,6-trimethyl-       | 170     | C13H14           | 000829-26-5  | 86   |
| 3         | Naphthalene, 1,6,7-trimethyl-       | 170     | C13H14           | 002245-38-7  | 86   |
| 4         | 4,6,8-Trimethylazulene              | 170     | C13H14           | 000941-81-1  | 78   |
| 5         | 1-(2,2-Dimethylcyclopropyl)-2-ph... | 170     | C13H14           | 1000294-91-1 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

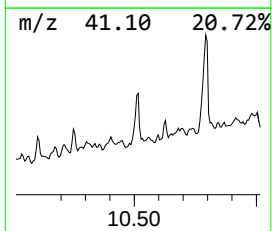
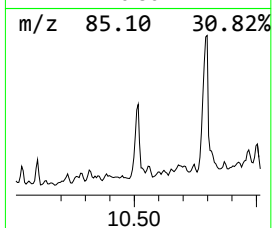
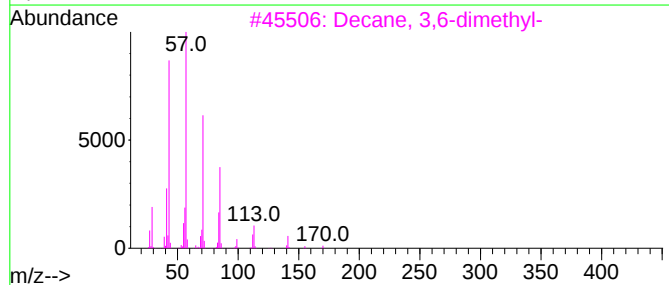
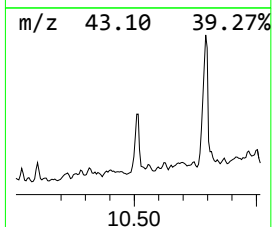
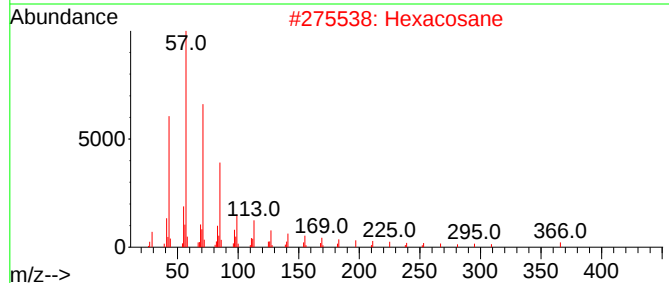
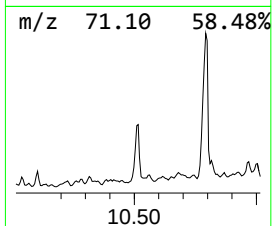
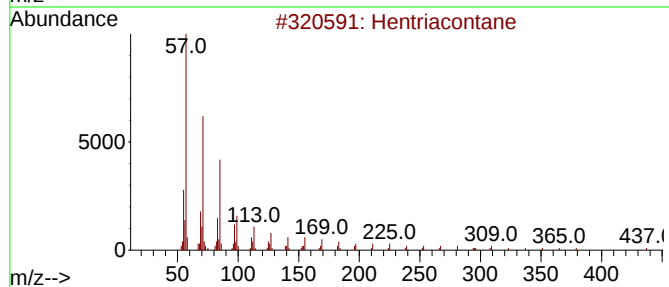
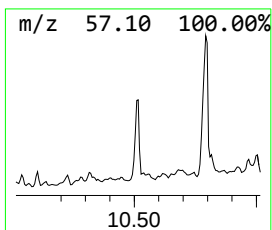
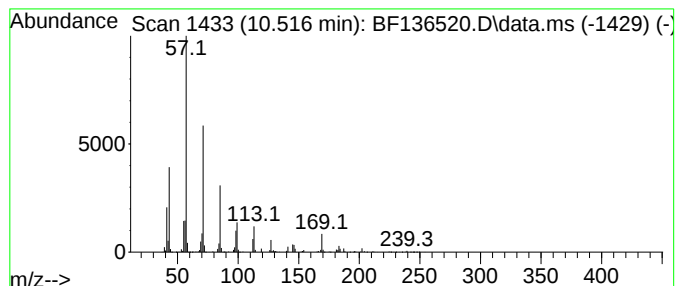
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Hentriacontane Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.516 | 41.26 ng | 2472790 | Acenaphthene-d10 | 9.833 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Hentriacontane          | 437 | C31H64  | 000630-04-6 | 80   |
| 2    |      | Hexacosane              | 366 | C26H54  | 000630-01-3 | 72   |
| 3    |      | Decane, 3,6-dimethyl-   | 170 | C12H26  | 017312-53-7 | 68   |
| 4    |      | Dodecane, 4,9-dipropyl- | 254 | C18H38  | 003054-63-5 | 64   |
| 5    |      | Undecane, 3,6-dimethyl- | 184 | C13H28  | 017301-28-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

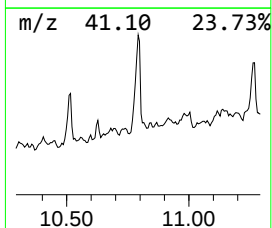
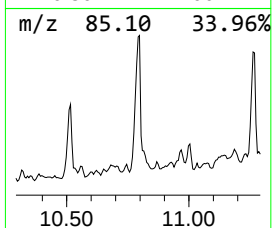
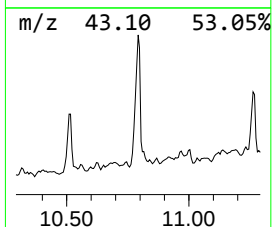
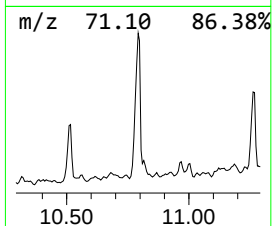
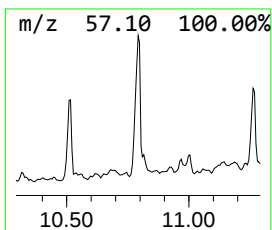
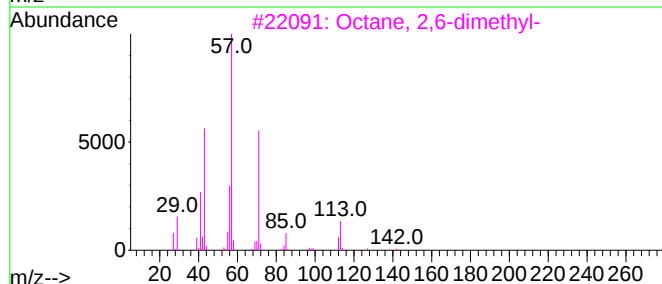
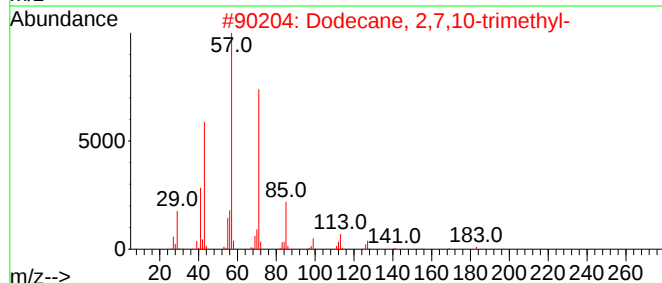
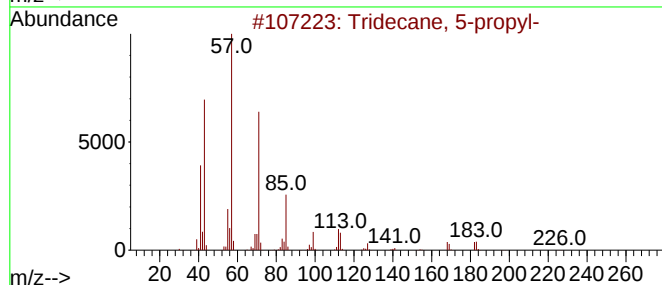
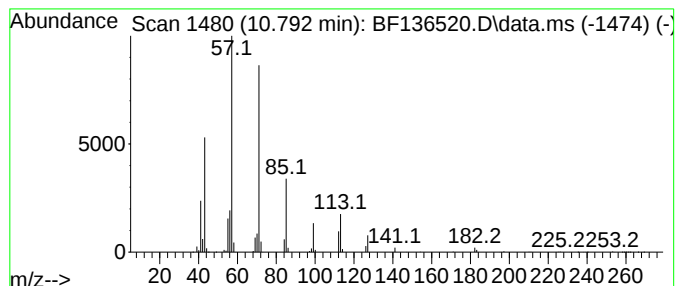
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 9

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.792 | 20.00 ng | 6085230 | Phenanthrene-d10 | 11.351 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------|-----|---------|-------------|------|
| 1    |      | Tridecane, 5-propyl-           | 226 | C16H34  | 055045-11-9 | 87   |
| 2    |      | Dodecane, 2,7,10-trimethyl-    | 212 | C15H32  | 074645-98-0 | 86   |
| 3    |      | Octane, 2,6-dimethyl-          | 142 | C10H22  | 002051-30-1 | 80   |
| 4    |      | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 59   |
| 5    |      | Octane, 2,3,7-trimethyl-       | 156 | C11H24  | 062016-34-6 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

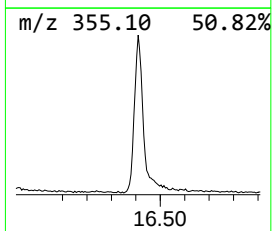
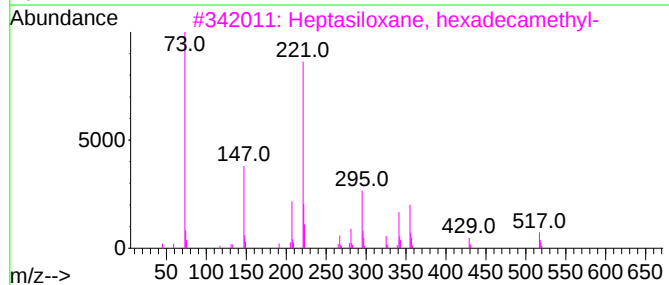
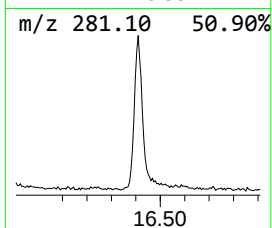
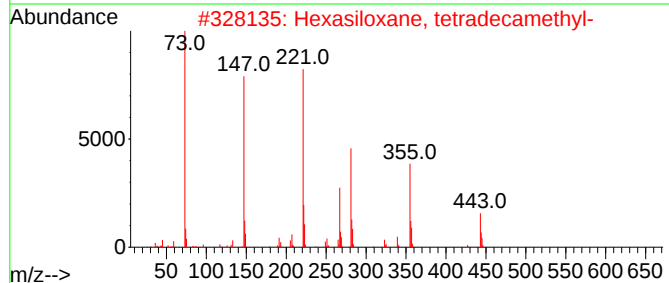
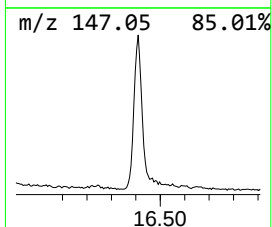
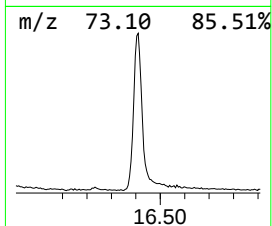
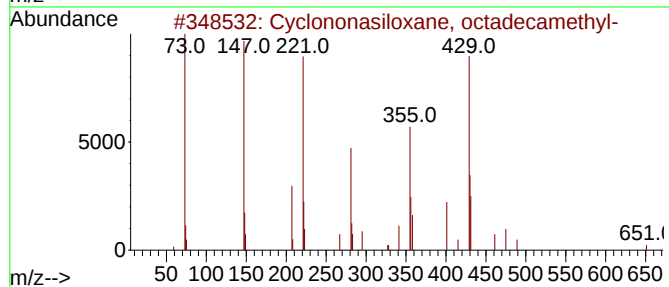
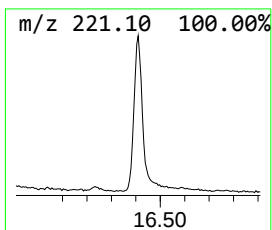
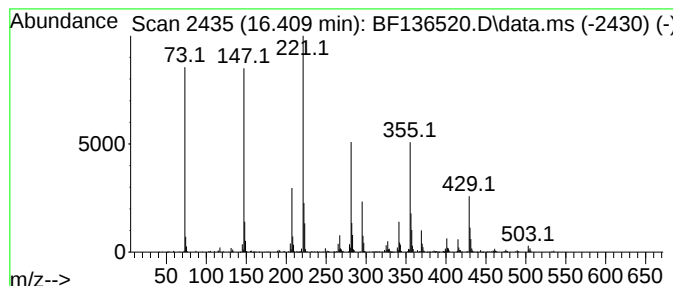
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 18 Cyclononasiloxane, octadeca... Concentration Rank 10

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 16.409 | 20.00 ng | 1270450 | Perylene-d12     | 15.498 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9 | 000556-71-8  | 78   |
| 2    |    |   | Hexasiloxane, tetradecamethyl-      | 458 | C14H42O5Si6 | 000107-52-8  | 68   |
| 3    |    |   | Heptasiloxane, hexadecamethyl-      | 532 | C16H48O6Si7 | 000541-01-5  | 38   |
| 4    |    |   | 4-Hydroxybenzyl alcohol, 2TBDMS ... | 352 | C19H36O2Si2 | 1000364-43-9 | 27   |
| 5    |    |   | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO    | 015089-22-2  | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

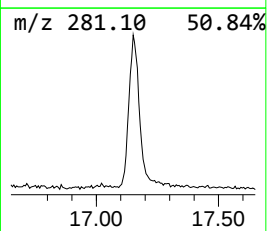
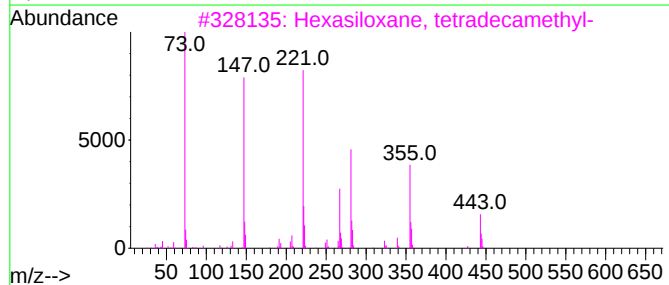
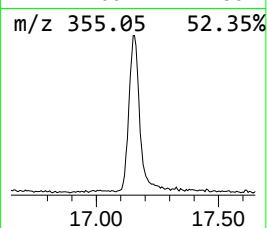
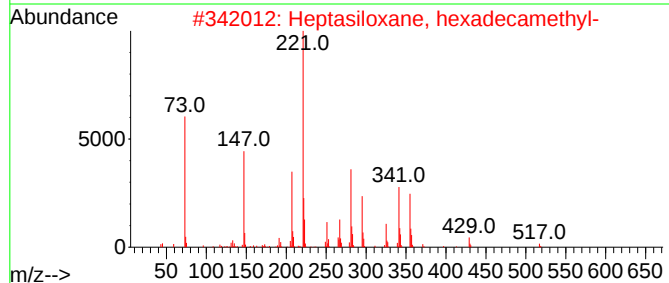
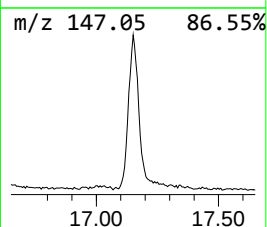
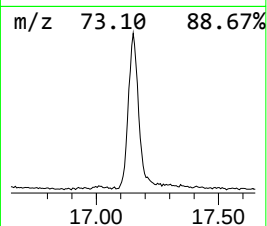
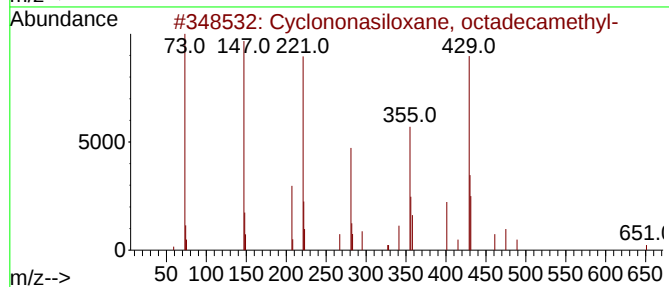
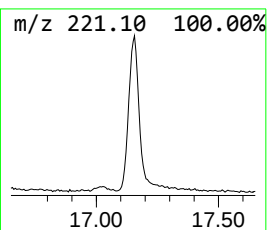
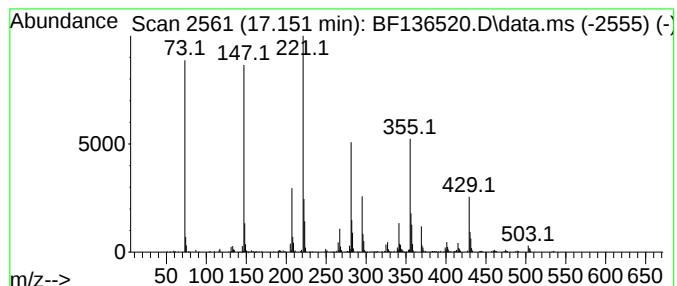
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 19 unknown17.151 Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.151 | 21.82 ng | 1386020 | Perylene-d12     | 15.498 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9 | 000556-71-8  | 83   |
| 2    |    |   | Heptasiloxane, hexadecamethyl-      | 532 | C16H48O6Si7 | 000541-01-5  | 45   |
| 3    |    |   | Hexasiloxane, tetradecamethyl-      | 458 | C14H42O5Si6 | 000107-52-8  | 45   |
| 4    |    |   | 3-Isopropoxy-1,1,1,7,7,7-hexamet... | 576 | C18H52O7Si7 | 071579-69-6  | 16   |
| 5    |    |   | 1,3(2H,4H)-Isoquinolinedione, 6,... | 369 | C20H19N06   | 1000115-82-7 | 14   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

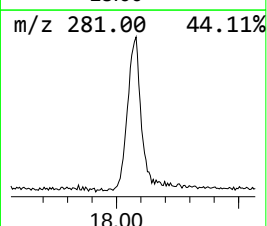
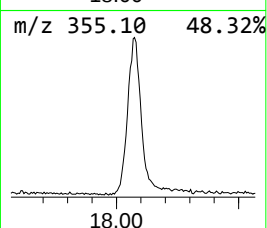
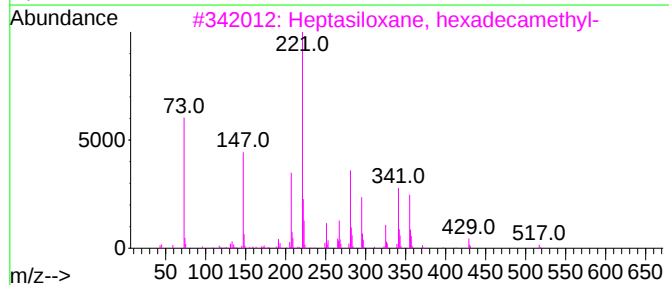
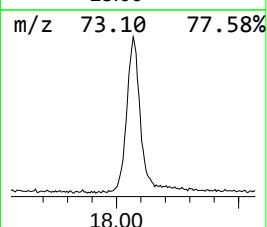
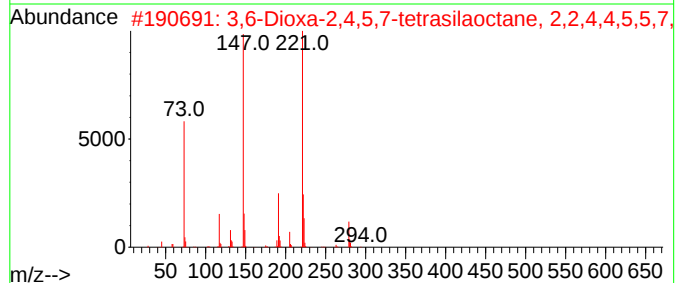
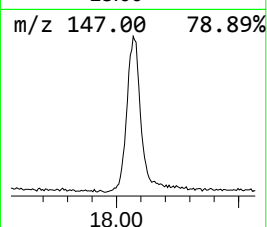
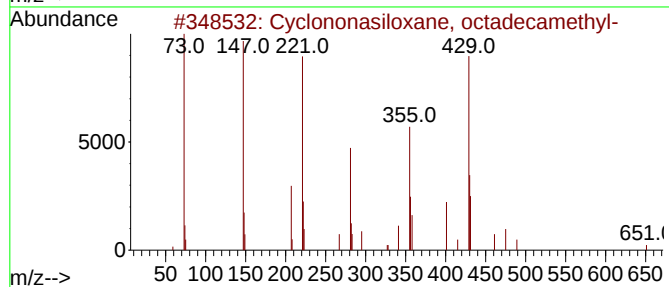
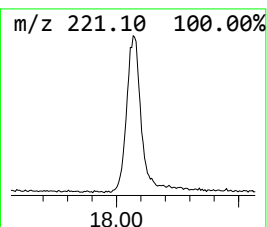
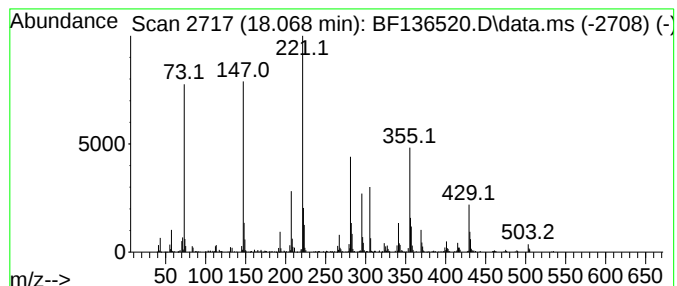
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 20 unknown18.068 Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.068 | 23.69 ng | 1504900 | Perylene-d12     | 15.498 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|------|-------------------------------------|-----|--------------|--------------|------|
| 1    |      | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9  | 000556-71-8  | 81   |
| 2    |      | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4  | 004342-25-0  | 49   |
| 3    |      | Heptasiloxane, hexadecamethyl-      | 532 | C16H48O6Si7  | 000541-01-5  | 38   |
| 4    |      | 2,6-Dimethyl-3,4-bis(trimethylsi... | 311 | C15H29N02Si2 | 1000079-52-1 | 30   |
| 5    |      | Trisiloxane, 1,1,1,5,5,5-hexamet... | 384 | C12H36O4Si5  | 003555-47-3  | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121223\  
Data File : BF136520.D  
Acq On : 12 Dec 2023 17:21  
Operator : CG\JU  
Sample : 05740-01 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24328

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.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 |
| 1-Hexanol, 2-et... | 6.857  | 7.9     | ng    | 169120   | 1                     | 6.792  | 428728  | 20.0 |
| Naphthalene, 1,... | 8.898  | 13.7    | ng    | 431206   | 2                     | 8.069  | 629898  | 20.0 |
| Decahydro-1,1,4... | 9.227  | 15.4    | ng    | 919909   | 3                     | 9.833  | 1198550 | 20.0 |
| Naphthalene, 1,... | 9.492  | 8.0     | ng    | 480332   | 3                     | 9.833  | 1198550 | 20.0 |
| unknown9.539       | 9.539  | 21.0    | ng    | 1256010  | 3                     | 9.833  | 1198550 | 20.0 |
| Tritetracontane    | 9.563  | 12.3    | ng    | 734900   | 3                     | 9.833  | 1198550 | 20.0 |
| 2,5-Cyclohexadi... | 9.651  | 7.0     | ng    | 420708   | 3                     | 9.833  | 1198550 | 20.0 |
| unknown9.698       | 9.698  | 25.7    | ng    | 1539730  | 3                     | 9.833  | 1198550 | 20.0 |
| unknown9.745       | 9.745  | 31.8    | ng    | 1906520  | 3                     | 9.833  | 1198550 | 20.0 |
| Naphthalene, 1,... | 10.045 | 9.6     | ng    | 572154   | 3                     | 9.833  | 1198550 | 20.0 |
| unknown10.104      | 10.104 | 21.1    | ng    | 1266510  | 3                     | 9.833  | 1198550 | 20.0 |
| 4,6,8-Trimethyl... | 10.163 | 17.4    | ng    | 1045780  | 3                     | 9.833  | 1198550 | 20.0 |
| unknown10.216      | 10.216 | 19.2    | ng    | 1149450  | 3                     | 9.833  | 1198550 | 20.0 |
| unknown10.251      | 10.251 | 32.8    | ng    | 1966220  | 3                     | 9.833  | 1198550 | 20.0 |
| 3-(2-Methyl-pro... | 10.386 | 18.0    | ng    | 1076520  | 3                     | 9.833  | 1198550 | 20.0 |
| Hentriacontane     | 10.516 | 41.3    | ng    | 2472790  | 3                     | 9.833  | 1198550 | 20.0 |
| Tridecane, 5-pr... | 10.792 | 20.0    | ng    | 6085230  | 4                     | 11.351 | 6085230 | 20.0 |
| Cyclononasiloxa... | 16.409 | 20.0    | ng    | 1270450  | 6                     | 15.498 | 1270450 | 20.0 |
| unknown17.151      | 17.151 | 21.8    | ng    | 1386020  | 6                     | 15.498 | 1270450 | 20.0 |
| unknown18.068      | 18.068 | 23.7    | ng    | 1504900  | 6                     | 15.498 | 1270450 | 20.0 |