

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
 Data File : BF120640.D  
 Acq On : 17 Jun 2020 18:51  
 Operator : JU/CG  
 Sample : L2811-01 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-061620

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-BF061020.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 5.404       | 560           | 564         | 576          | rBV      | 1199233        | 1128911       | 21.18%          | 2.639%        |
| 2         | 6.422       | 734           | 737         | 749          | rBV      | 1285705        | 1129657       | 21.19%          | 2.641%        |
| 3         | 6.798       | 797           | 801         | 804          | rBV      | 1024314        | 849069        | 15.93%          | 1.985%        |
| 4         | 6.951       | 823           | 827         | 830          | rBV      | 1343338        | 1024233       | 19.22%          | 2.394%        |
| 5         | 7.357       | 892           | 896         | 899          | rVB      | 800959         | 706447        | 13.25%          | 1.651%        |
| 6         | 8.081       | 1013          | 1019        | 1022         | rBV      | 1226333        | 1222390       | 22.93%          | 2.857%        |
| 7         | 8.251       | 1041          | 1048        | 1050         | rBV5     | 33868          | 57744         | 1.08%           | 0.135%        |
| 8         | 8.275       | 1050          | 1052        | 1056         | rVB3     | 64438          | 62536         | 1.17%           | 0.146%        |
| 9         | 8.375       | 1064          | 1069        | 1071         | rBV4     | 81284          | 103566        | 1.94%           | 0.242%        |
| 10        | 8.428       | 1076          | 1078        | 1081         | rVB3     | 72565          | 63262         | 1.19%           | 0.148%        |
| 11        | 8.463       | 1081          | 1084        | 1086         | rBV3     | 90250          | 91610         | 1.72%           | 0.214%        |
| 12        | 8.498       | 1086          | 1090        | 1092         | rBV3     | 93082          | 83660         | 1.57%           | 0.196%        |
| 13        | 8.581       | 1101          | 1104        | 1107         | rBV2     | 176519         | 148821        | 2.79%           | 0.348%        |
| 14        | 8.669       | 1116          | 1119        | 1123         | rBV      | 359419         | 326730        | 6.13%           | 0.764%        |
| 15        | 8.769       | 1133          | 1136        | 1138         | rVB3     | 64409          | 63270         | 1.19%           | 0.148%        |
| 16        | 8.898       | 1154          | 1158        | 1161         | rBV2     | 145731         | 134058        | 2.52%           | 0.313%        |
| 17        | 9.034       | 1177          | 1181        | 1186         | rVB4     | 106616         | 154250        | 2.89%           | 0.361%        |
| 18        | 9.075       | 1186          | 1188        | 1190         | rBV2     | 84663          | 70853         | 1.33%           | 0.166%        |
| 19        | 9.098       | 1190          | 1192        | 1197         | rVB3     | 159251         | 163156        | 3.06%           | 0.381%        |
| 20        | 9.151       | 1197          | 1201        | 1204         | rBV      | 1922140        | 1496643       | 28.08%          | 3.499%        |
| 21        | 9.234       | 1212          | 1215        | 1220         | rBV      | 585982         | 537868        | 10.09%          | 1.257%        |
| 22        | 9.304       | 1224          | 1227        | 1230         | rVB      | 113113         | 103190        | 1.94%           | 0.241%        |
| 23        | 9.469       | 1252          | 1255        | 1256         | rBV2     | 84051          | 81868         | 1.54%           | 0.191%        |
| 24        | 9.510       | 1260          | 1262        | 1265         | rVV2     | 134268         | 119041        | 2.23%           | 0.278%        |
| 25        | 9.545       | 1265          | 1268        | 1272         | rVV2     | 317542         | 475732        | 8.93%           | 1.112%        |
| 26        | 9.581       | 1272          | 1274        | 1276         | rVV2     | 166028         | 144225        | 2.71%           | 0.337%        |
| 27        | 9.616       | 1276          | 1280        | 1282         | rVB2     | 152117         | 146387        | 2.75%           | 0.342%        |
| 28        | 9.651       | 1282          | 1286        | 1291         | rVB6     | 40433          | 61630         | 1.16%           | 0.144%        |
| 29        | 9.704       | 1291          | 1295        | 1298         | rBV3     | 48180          | 74295         | 1.39%           | 0.174%        |
| 30        | 9.745       | 1298          | 1302        | 1303         | rBV4     | 73816          | 102161        | 1.92%           | 0.239%        |
| 31        | 9.763       | 1303          | 1305        | 1310         | rVB      | 801392         | 639704        | 12.00%          | 1.495%        |
| 32        | 9.828       | 1313          | 1316        | 1319         | rVB      | 1380660        | 1240822       | 23.28%          | 2.901%        |
| 33        | 9.875       | 1321          | 1324        | 1327         | rBV      | 259765         | 204243        | 3.83%           | 0.477%        |
| 34        | 9.939       | 1332          | 1335        | 1338         | rVB3     | 73806          | 78120         | 1.47%           | 0.183%        |

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 Sample : L2811-01 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-061620

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-BF061020.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 9.998  | 1341 | 1345 | 1347 | rBV2 | 100996  | 149849  | 2.81%   | 0.350%  |
| 36 | 10.028 | 1347 | 1350 | 1353 | rVV3 | 108049  | 154936  | 2.91%   | 0.362%  |
| 37 | 10.086 | 1356 | 1360 | 1364 | rBV3 | 182606  | 234033  | 4.39%   | 0.547%  |
| 38 | 10.122 | 1364 | 1366 | 1368 | rVB  | 84924   | 65758   | 1.23%   | 0.154%  |
| 39 | 10.151 | 1368 | 1371 | 1374 | rBV3 | 68808   | 117738  | 2.21%   | 0.275%  |
| 40 | 10.204 | 1378 | 1380 | 1384 | rVB4 | 60667   | 66060   | 1.24%   | 0.154%  |
| 41 | 10.263 | 1387 | 1390 | 1393 | rVB  | 914438  | 715250  | 13.42%  | 1.672%  |
| 42 | 10.322 | 1397 | 1400 | 1405 | rVB3 | 71675   | 96108   | 1.80%   | 0.225%  |
| 43 | 10.369 | 1405 | 1408 | 1410 | rBV3 | 53151   | 63986   | 1.20%   | 0.150%  |
| 44 | 10.486 | 1422 | 1428 | 1430 | rBV  | 327236  | 424164  | 7.96%   | 0.992%  |
| 45 | 10.533 | 1434 | 1436 | 1439 | rVB  | 98173   | 85457   | 1.60%   | 0.200%  |
| 46 | 10.569 | 1439 | 1442 | 1445 | rBV2 | 104998  | 116162  | 2.18%   | 0.272%  |
| 47 | 10.616 | 1445 | 1450 | 1453 | rBV  | 1092284 | 981665  | 18.42%  | 2.295%  |
| 48 | 10.739 | 1467 | 1471 | 1479 | rVB  | 887160  | 1110109 | 20.83%  | 2.595%  |
| 49 | 10.839 | 1486 | 1488 | 1491 | rVB  | 210762  | 140452  | 2.64%   | 0.328%  |
| 50 | 10.928 | 1500 | 1503 | 1505 | rBV  | 84405   | 83232   | 1.56%   | 0.195%  |
| 51 | 11.186 | 1543 | 1547 | 1549 | rBV  | 789973  | 687699  | 12.90%  | 1.608%  |
| 52 | 11.216 | 1549 | 1552 | 1558 | rVB  | 329036  | 363379  | 6.82%   | 0.849%  |
| 53 | 11.316 | 1565 | 1569 | 1571 | rBV  | 1535503 | 1298856 | 24.37%  | 3.036%  |
| 54 | 11.457 | 1590 | 1593 | 1597 | rVV2 | 66802   | 65584   | 1.23%   | 0.153%  |
| 55 | 11.492 | 1597 | 1599 | 1602 | rVB  | 93481   | 76888   | 1.44%   | 0.180%  |
| 56 | 11.563 | 1609 | 1611 | 1614 | rVB  | 80906   | 65303   | 1.23%   | 0.153%  |
| 57 | 11.610 | 1616 | 1619 | 1621 | rBV  | 784850  | 592857  | 11.12%  | 1.386%  |
| 58 | 11.633 | 1621 | 1623 | 1626 | rVB2 | 92872   | 74317   | 1.39%   | 0.174%  |
| 59 | 11.710 | 1633 | 1636 | 1639 | rVB  | 2503679 | 1991130 | 37.36%  | 4.654%  |
| 60 | 11.775 | 1644 | 1647 | 1652 | rBV  | 68766   | 92114   | 1.73%   | 0.215%  |
| 61 | 11.845 | 1656 | 1659 | 1661 | rBV  | 123504  | 109994  | 2.06%   | 0.257%  |
| 62 | 12.016 | 1685 | 1688 | 1692 | rVB  | 648273  | 504289  | 9.46%   | 1.179%  |
| 63 | 12.110 | 1702 | 1704 | 1708 | rBV3 | 57979   | 62161   | 1.17%   | 0.145%  |
| 64 | 12.169 | 1712 | 1714 | 1720 | rBV4 | 45742   | 81074   | 1.52%   | 0.190%  |
| 65 | 12.298 | 1733 | 1736 | 1740 | rBV2 | 73983   | 74261   | 1.39%   | 0.174%  |
| 66 | 12.398 | 1749 | 1753 | 1755 | rBV  | 4137451 | 4585173 | 86.03%  | 10.718% |
| 67 | 12.422 | 1755 | 1757 | 1763 | rVV  | 5611591 | 5329973 | 100.00% | 12.459% |
| 68 | 12.498 | 1767 | 1770 | 1773 | rBV  | 991057  | 891432  | 16.72%  | 2.084%  |
| 69 | 12.557 | 1777 | 1780 | 1783 | rBV3 | 78657   | 112406  | 2.11%   | 0.263%  |
| 70 | 12.739 | 1808 | 1811 | 1812 | rBV2 | 161021  | 173248  | 3.25%   | 0.405%  |
| 71 | 12.774 | 1815 | 1817 | 1822 | rVB2 | 404869  | 344289  | 6.46%   | 0.805%  |

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 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-061620

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-BF061020.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 72 | 12.898 | 1834 | 1838 | 1841 | rBV  | 2055828 | 1721031 | 32.29% | 4.023% |
| 73 | 13.063 | 1863 | 1866 | 1867 | rBV2 | 95416   | 92641   | 1.74%  | 0.217% |
| 74 | 13.080 | 1867 | 1869 | 1875 | rVB3 | 104031  | 104197  | 1.95%  | 0.244% |
| 75 | 13.133 | 1875 | 1878 | 1879 | rBV  | 301940  | 267358  | 5.02%  | 0.625% |
| 76 | 13.227 | 1891 | 1894 | 1896 | rBV  | 129681  | 104073  | 1.95%  | 0.243% |
| 77 | 13.380 | 1918 | 1920 | 1928 | rVB3 | 111570  | 140702  | 2.64%  | 0.329% |
| 78 | 13.474 | 1933 | 1936 | 1939 | rVV  | 218110  | 186829  | 3.51%  | 0.437% |
| 79 | 13.804 | 1989 | 1992 | 1998 | rBV  | 266855  | 329372  | 6.18%  | 0.770% |
| 80 | 13.892 | 2005 | 2007 | 2011 | rBV  | 98927   | 99204   | 1.86%  | 0.232% |
| 81 | 13.951 | 2013 | 2017 | 2020 | rBV  | 1435043 | 1322063 | 24.80% | 3.090% |
| 82 | 14.116 | 2043 | 2045 | 2049 | rVB  | 172426  | 146025  | 2.74%  | 0.341% |
| 83 | 14.421 | 2094 | 2097 | 2100 | rBV  | 304791  | 314737  | 5.91%  | 0.736% |
| 84 | 14.721 | 2145 | 2148 | 2152 | rBV  | 280225  | 296479  | 5.56%  | 0.693% |
| 85 | 15.051 | 2201 | 2204 | 2209 | rVB  | 341337  | 352067  | 6.61%  | 0.823% |
| 86 | 15.392 | 2257 | 2262 | 2265 | rBV  | 1046744 | 1373071 | 25.76% | 3.210% |
| 87 | 15.421 | 2265 | 2267 | 2273 | rVB  | 300707  | 322719  | 6.05%  | 0.754% |
| 88 | 15.839 | 2335 | 2338 | 2344 | rVB  | 242524  | 335294  | 6.29%  | 0.784% |

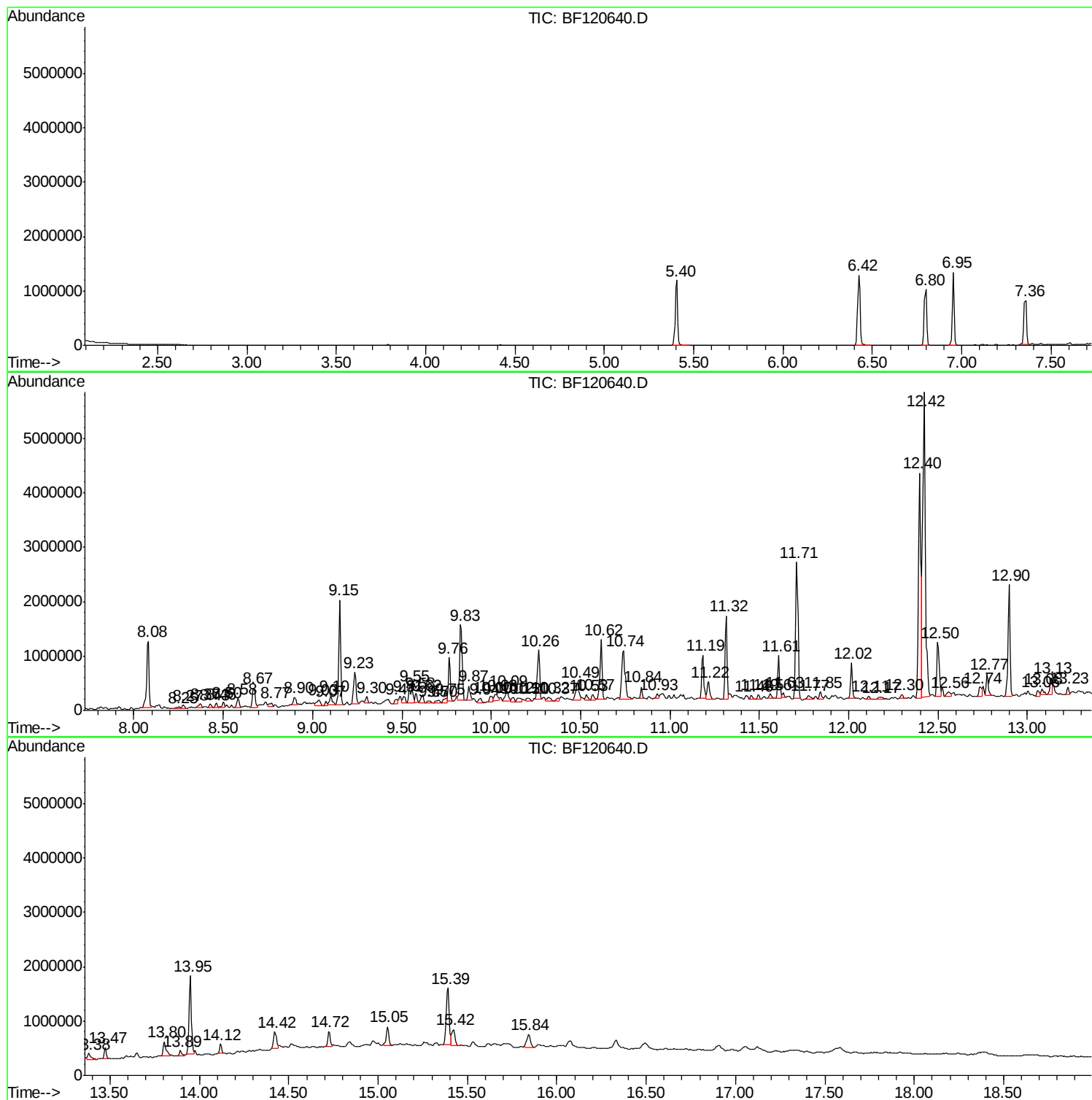
Sum of corrected areas: 42779400

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

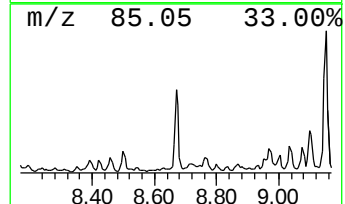
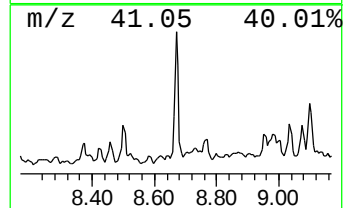
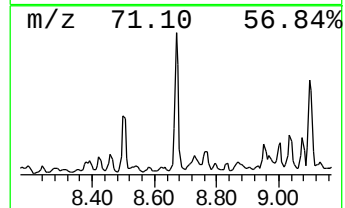
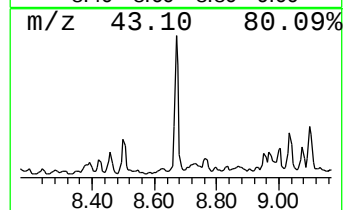
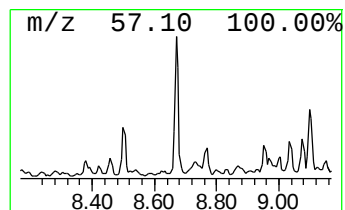
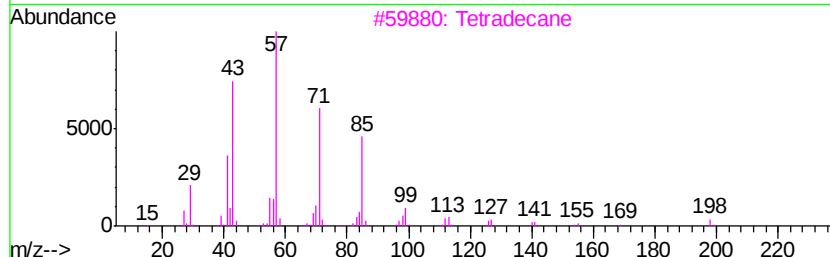
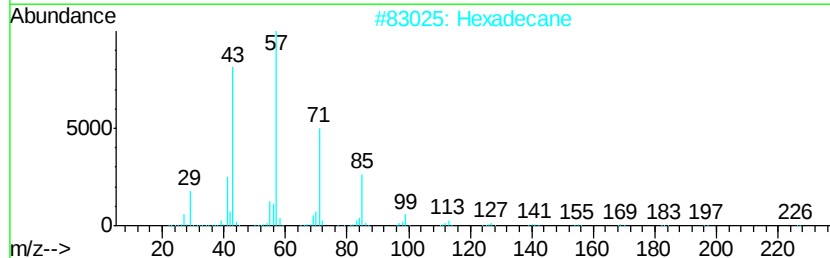
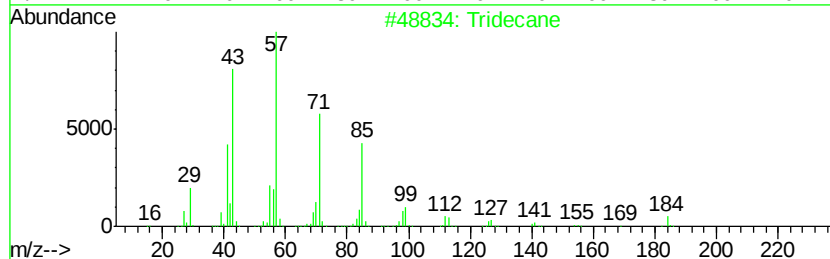
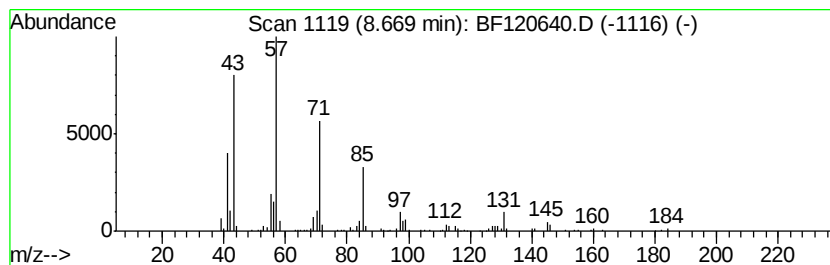
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Tridecane Concentration Rank 14

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.67 | 5.35 ng | 326730 | Naphthalene-d8   | 8.08 |

| Hit# of | 5                         | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|---------------------------|--------------|-----|---------|-------------|------|
| 1       | Tridecane                 |              | 184 | C13H28  | 000629-50-5 | 91   |
| 2       | Hexadecane                |              | 226 | C16H34  | 000544-76-3 | 58   |
| 3       | Tetradecane               |              | 198 | C14H30  | 000629-59-4 | 58   |
| 4       | Decane, 6-ethyl-2-methyl- |              | 184 | C13H28  | 062108-21-8 | 53   |
| 5       | Undecane, 6-ethyl-        |              | 184 | C13H28  | 017312-60-6 | 52   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

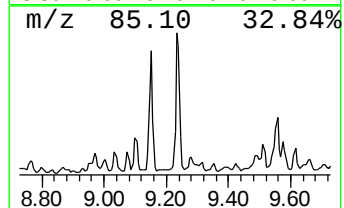
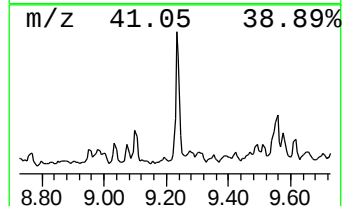
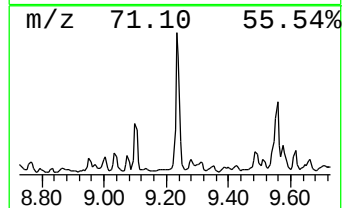
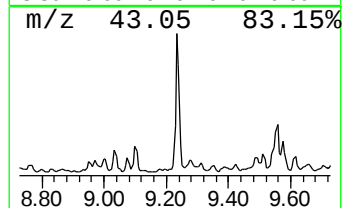
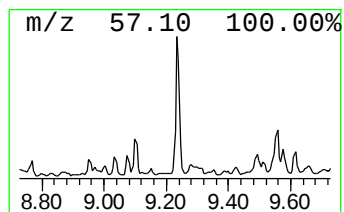
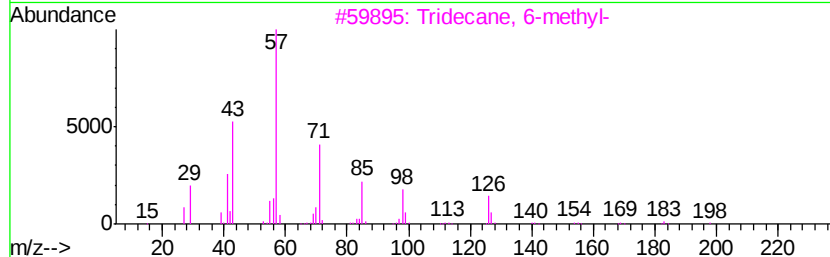
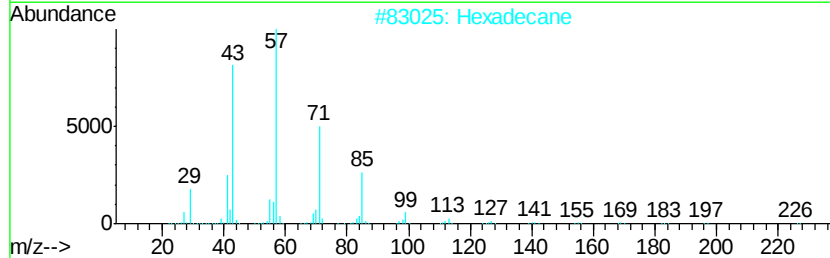
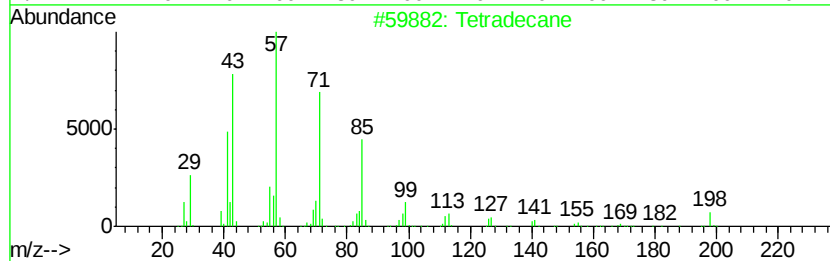
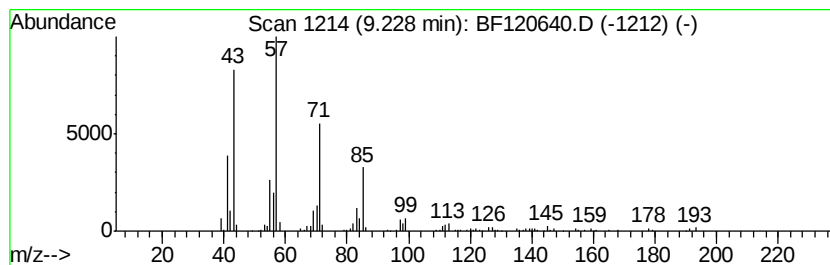
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Tetradecane Concentration Rank 10

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.23 | 8.67 ng | 537868 | Acenaphthene-d10 | 9.83 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Tetradecane          | 198 | C14H30  | 000629-59-4 | 97   |
| 2    |    | Hexadecane           | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |    | Tridecane, 6-methyl- | 198 | C14H30  | 013287-21-3 | 90   |
| 4    |    | Pentadecane          | 212 | C15H32  | 000629-62-9 | 90   |
| 5    |    | Tridecane            | 184 | C13H28  | 000629-50-5 | 86   |



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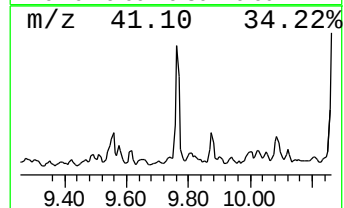
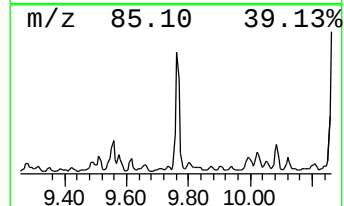
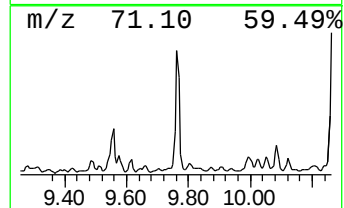
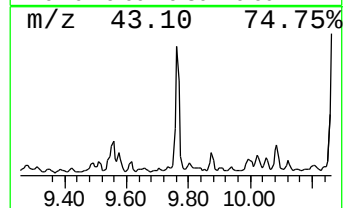
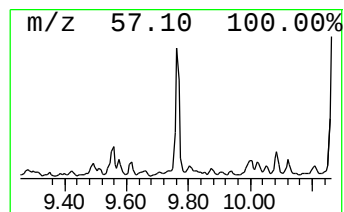
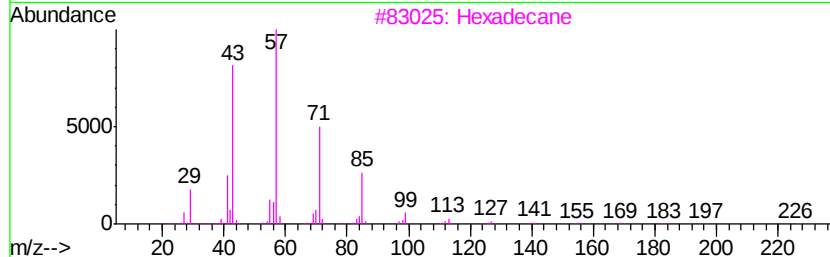
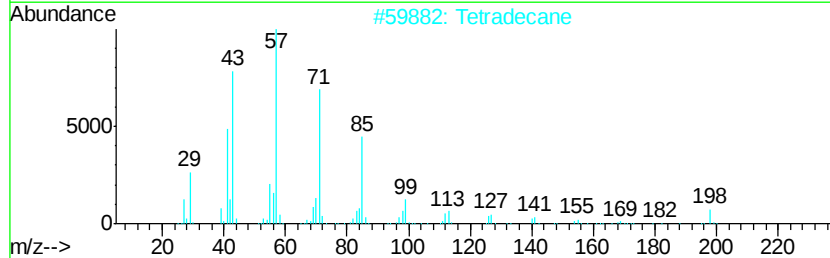
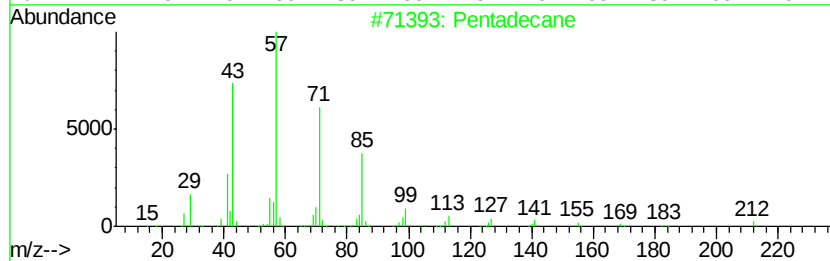
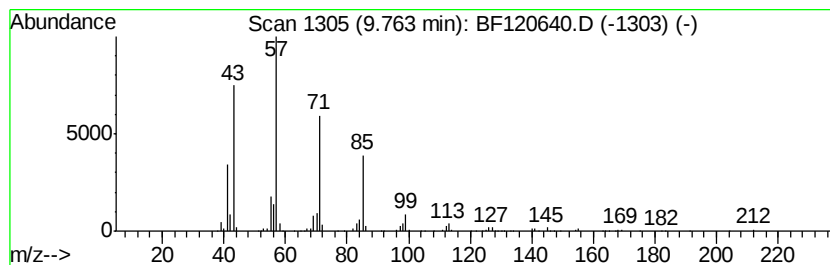
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Pentadecane Concentration Rank 8

| R.T. | EstConc  | Area   | Relative to ISTD | R.T. |
|------|----------|--------|------------------|------|
| 9.76 | 10.31 ng | 639704 | Acenaphthene-d10 | 9.83 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 91   |
| 2    |    | Tetradecane                  | 198 | C14H30  | 000629-59-4 | 90   |
| 3    |    | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 80   |
| 4    |    | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 78   |
| 5    |    | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

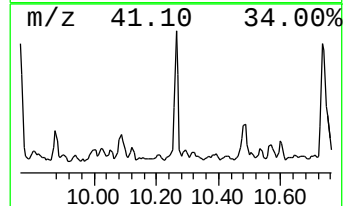
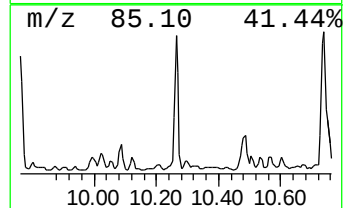
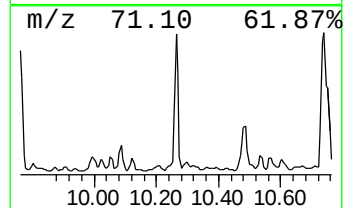
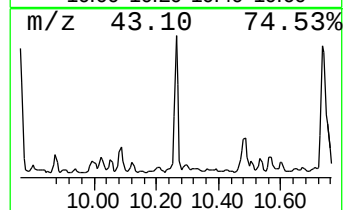
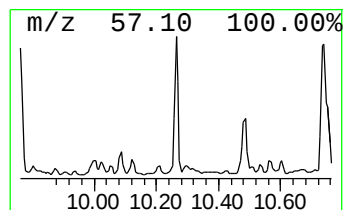
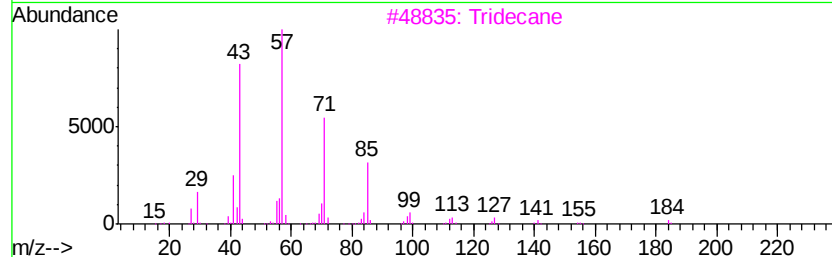
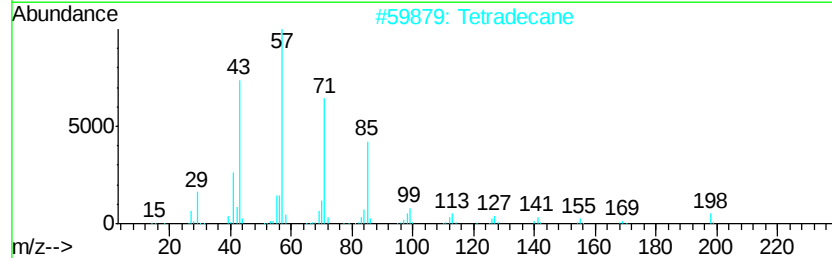
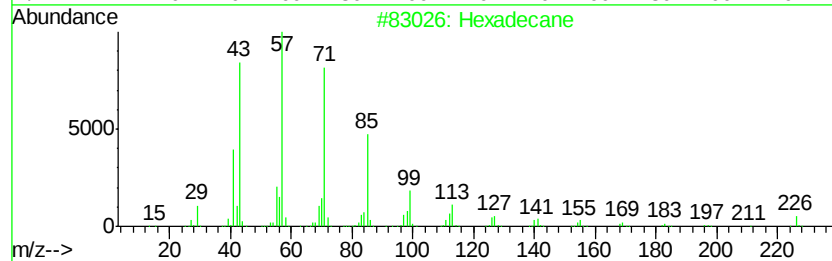
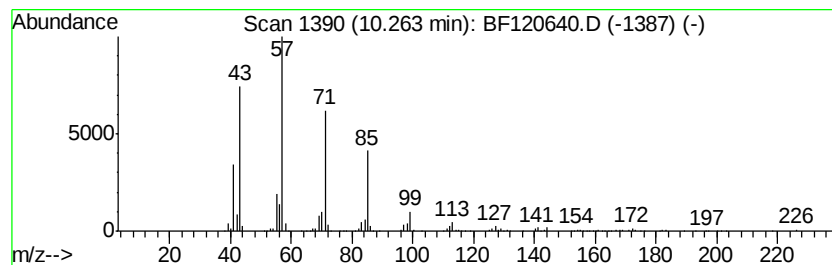
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ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Hexadecane Concentration Rank 6

| R.T.    | EstConc  | Area                              | Relative to ISTD |           | R.T.         |      |
|---------|----------|-----------------------------------|------------------|-----------|--------------|------|
| 10.26   | 11.53 ng | 715250                            | Acenaphthene-d10 |           | 9.83         |      |
| Hit# of | 5        | Tentative ID                      | MW               | MolForm   | CAS#         | Qual |
| 1       |          | Hexadecane                        | 226              | C16H34    | 000544-76-3  | 95   |
| 2       |          | Tetradecane                       | 198              | C14H30    | 000629-59-4  | 90   |
| 3       |          | Tridecane                         | 184              | C13H28    | 000629-50-5  | 90   |
| 4       |          | Sulfurous acid, 2-propyl tetra... | 320              | C17H36O3S | 1000309-12-5 | 80   |
| 5       |          | Dodecane, 2-methyl-6-propyl-      | 226              | C16H34    | 055045-08-4  | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
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Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

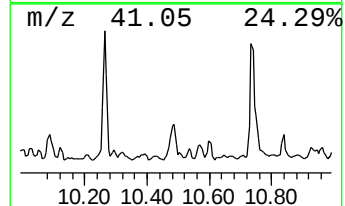
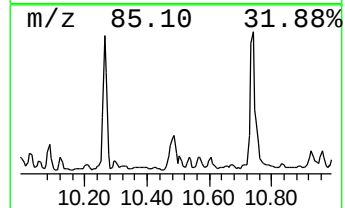
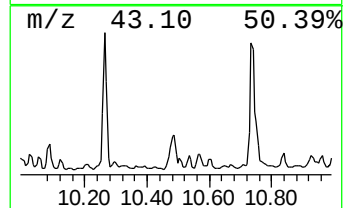
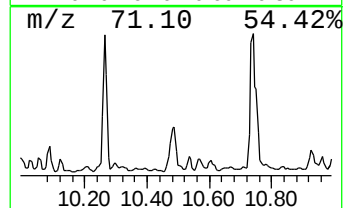
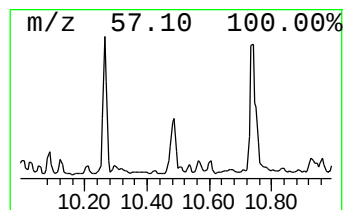
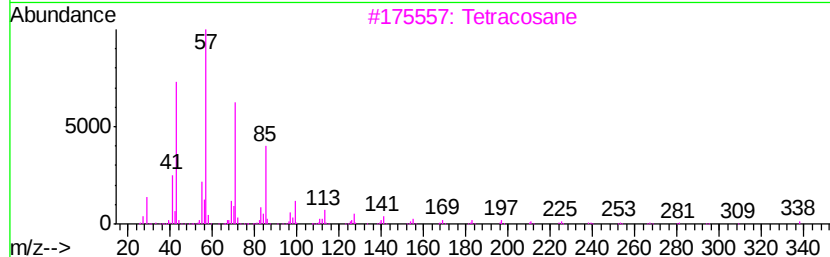
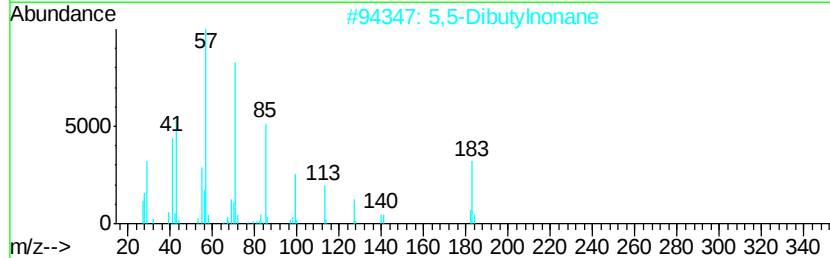
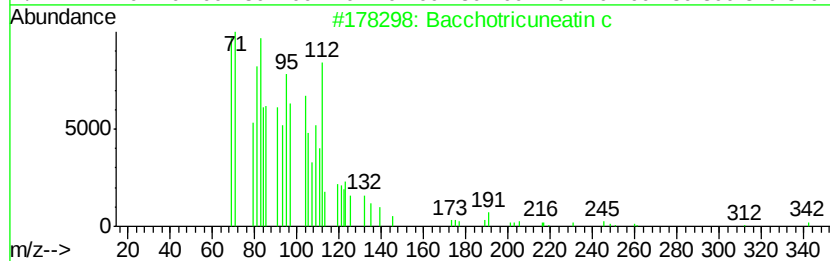
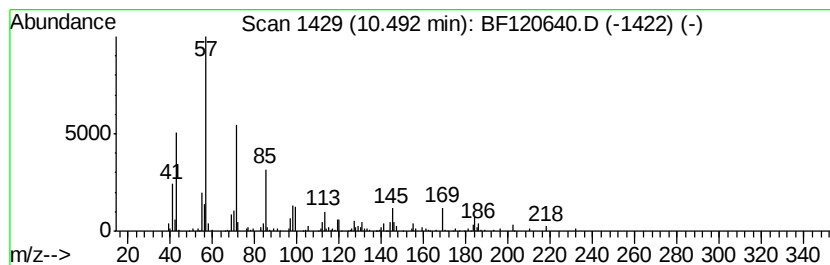
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ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 5,5-Dibutylnonane Concentration Rank 12

| R.T.      | EstConc              | Area   | Relative to ISTD |             | R.T. |
|-----------|----------------------|--------|------------------|-------------|------|
| 10.49     | 6.84 ng              | 424164 | Acenaphthene-d10 |             | 9.83 |
| Hit# of 5 | Tentative ID         | MW     | MolForm          | CAS#        | Qual |
| 1         | Bacchotricuneatin c  | 342    | C20H22O5         | 066563-30-2 | 97   |
| 2         | 5,5-Dibutylnonane    | 240    | C17H36           | 006008-17-9 | 64   |
| 3         | Tetracosane          | 338    | C24H50           | 000646-31-1 | 64   |
| 4         | Tridecane, 6-methyl- | 198    | C14H30           | 013287-21-3 | 64   |
| 5         | Heneicosane          | 296    | C21H44           | 000629-94-7 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

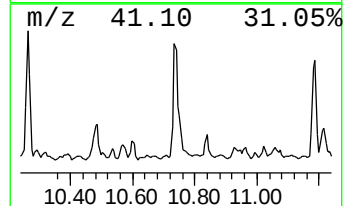
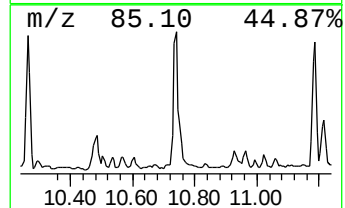
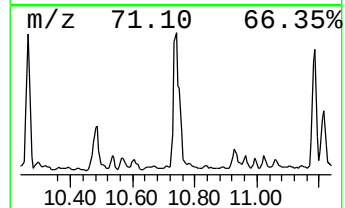
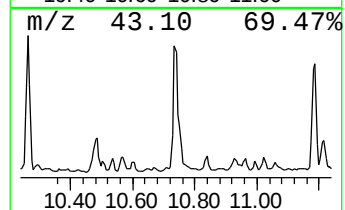
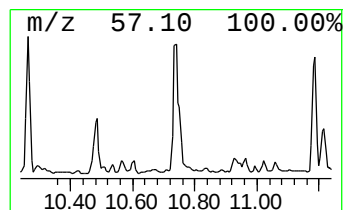
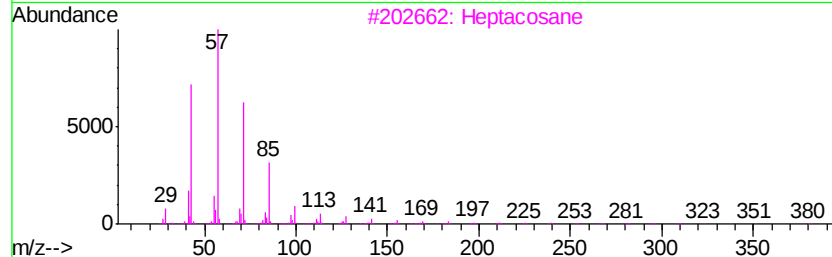
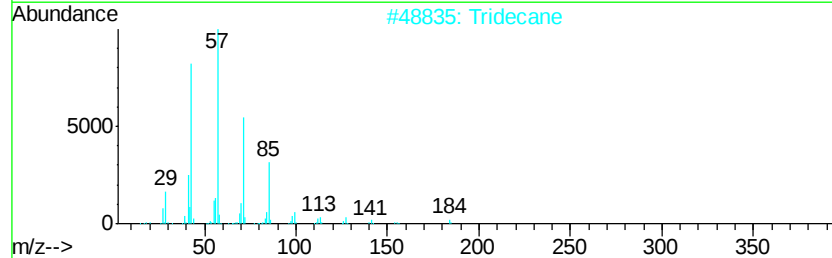
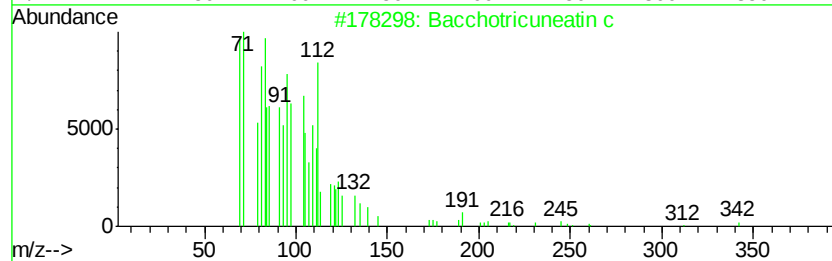
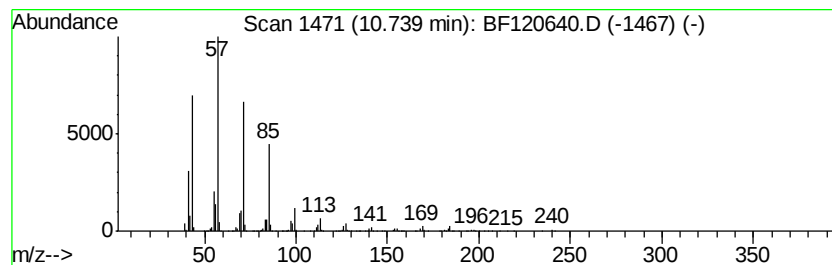
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Heptacosane Concentration Rank 5

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 10.74 | 17.09 ng | 1110110 | Phenanthrene-d10 | 11.32 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 97   |
| 2       |   | Tridecane           | 184 | C13H28   | 000629-50-5 | 93   |
| 3       |   | Heptacosane         | 380 | C27H56   | 000593-49-7 | 91   |
| 4       |   | Hexadecane          | 226 | C16H34   | 000544-76-3 | 91   |
| 5       |   | Tetradecane         | 198 | C14H30   | 000629-59-4 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

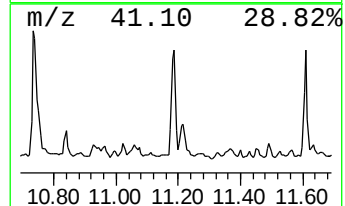
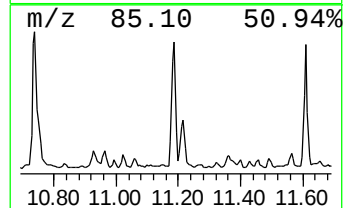
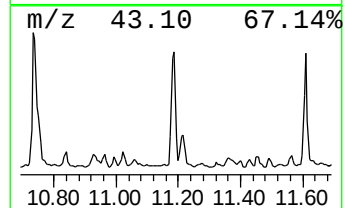
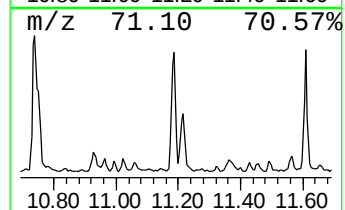
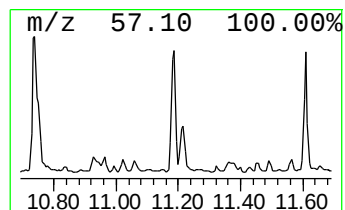
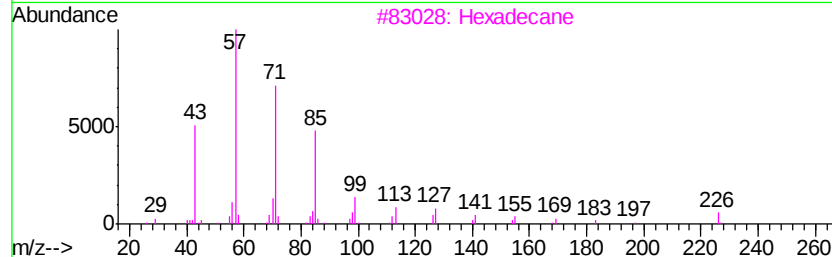
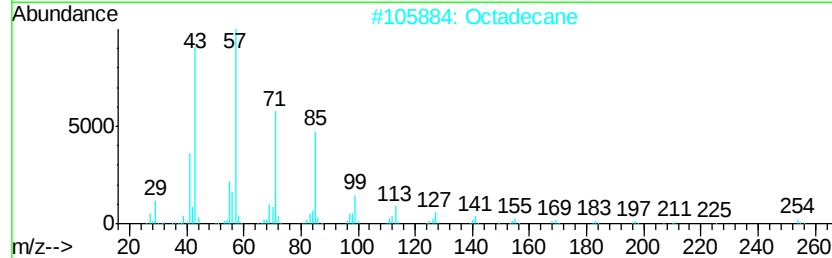
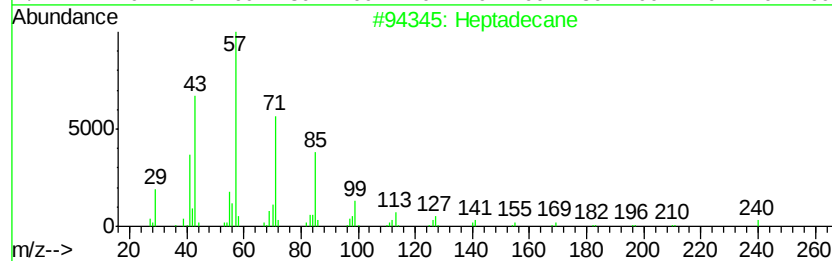
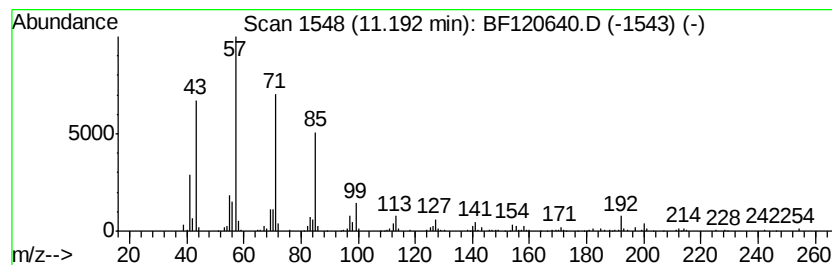
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ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Tridecane, 1-iodo- Concentration Rank 7

| R.T.      | EstConc            | Area   | Relative to ISTD |             | R.T.  |
|-----------|--------------------|--------|------------------|-------------|-------|
| 11.19     | 10.59 ng           | 687699 | Phenanthrene-d10 |             | 11.32 |
| Hit# of 5 | Tentative ID       | MW     | MolForm          | CAS#        | Qual  |
| 1         | Heptadecane        | 240    | C17H36           | 000629-78-7 | 90    |
| 2         | Octadecane         | 254    | C18H38           | 000593-45-3 | 90    |
| 3         | Hexadecane         | 226    | C16H34           | 000544-76-3 | 90    |
| 4         | Tridecane, 1-iodo- | 310    | C13H27I          | 035599-77-0 | 90    |
| 5         | Tetradecane        | 198    | C14H30           | 000629-59-4 | 86    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

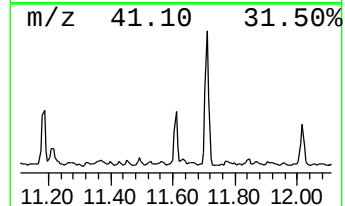
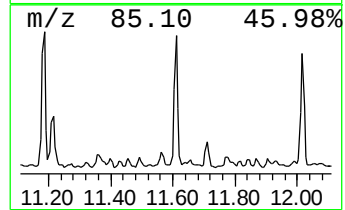
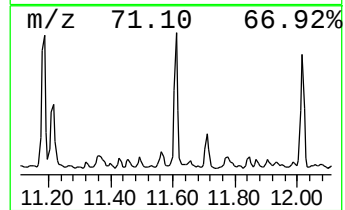
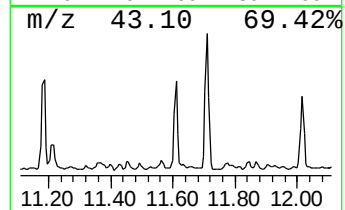
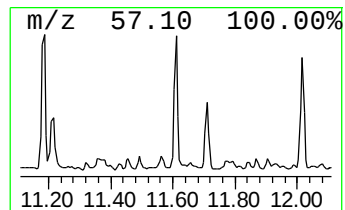
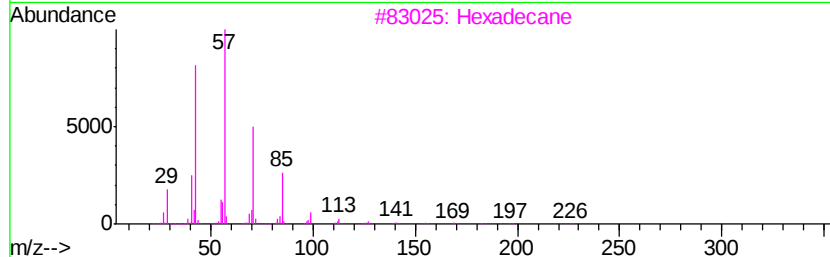
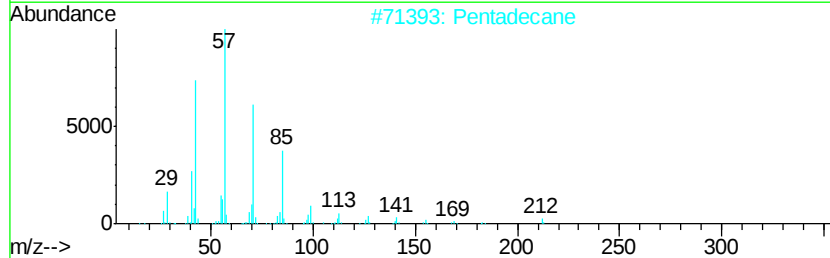
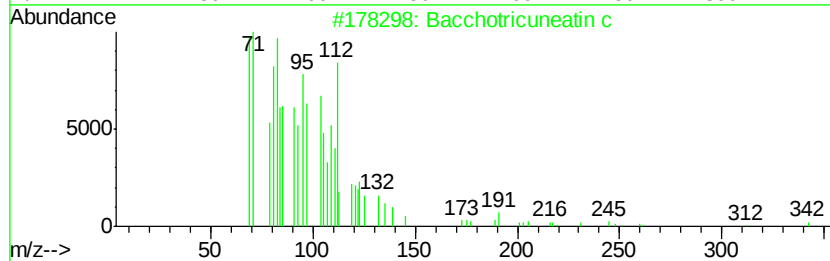
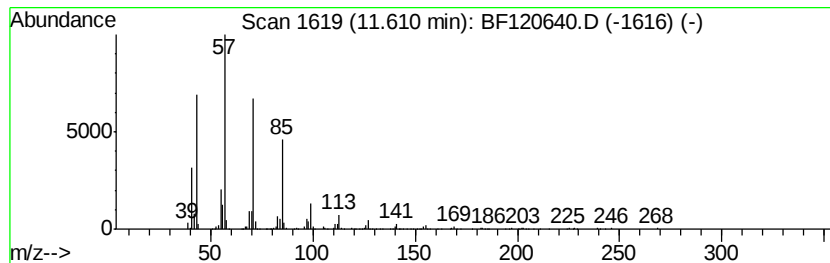
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Bacchotricuneatin c Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.61 | 9.13 ng | 592857 | Phenanthrene-d10 | 11.32 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 99   |
| 2    |    | Pentadecane         | 212 | C15H32   | 000629-62-9 | 91   |
| 3    |    | Hexadecane          | 226 | C16H34   | 000544-76-3 | 90   |
| 4    |    | Heneicosane         | 296 | C21H44   | 000629-94-7 | 90   |
| 5    |    | Tridecane, 1-iodo-  | 310 | C13H27I  | 035599-77-0 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

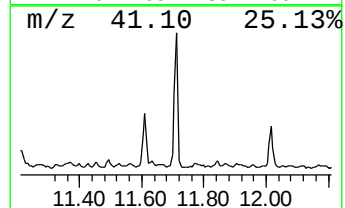
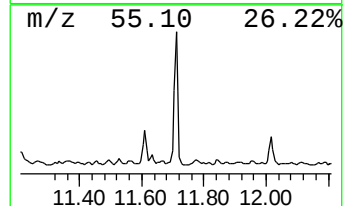
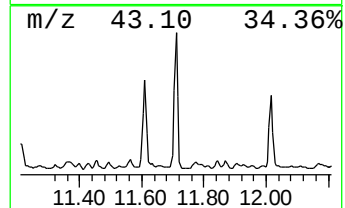
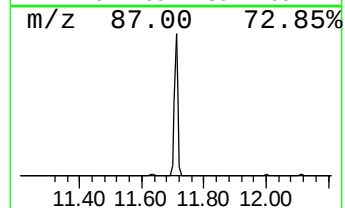
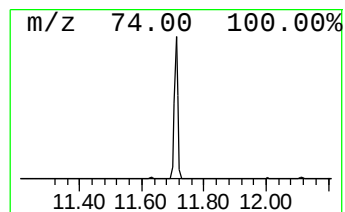
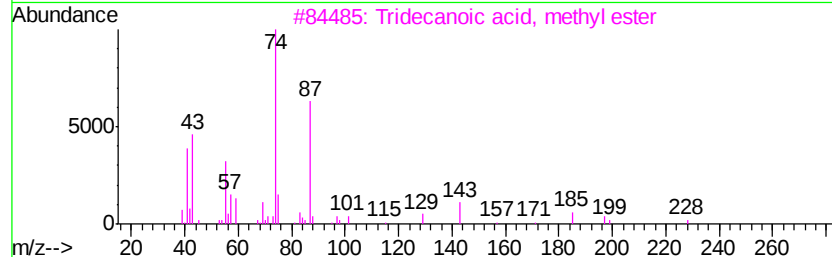
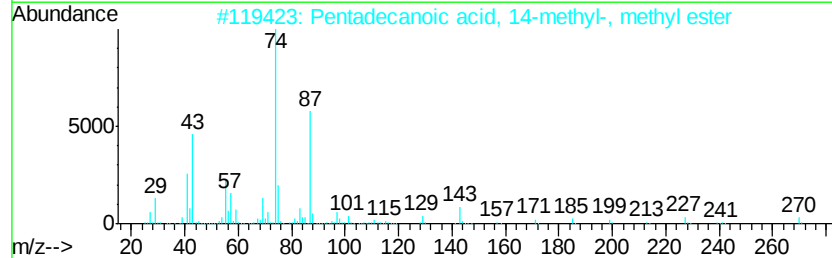
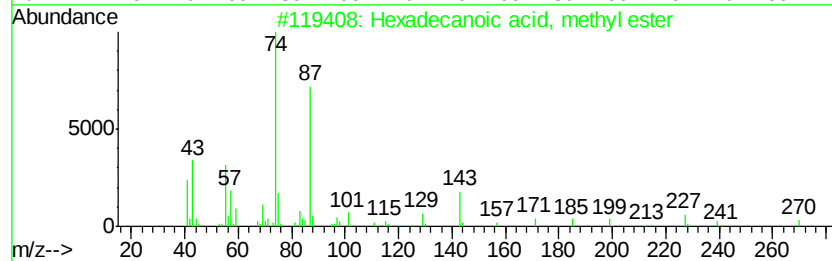
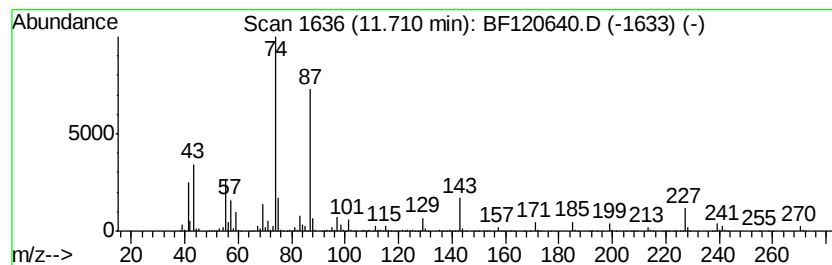
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.71 | 30.66 ng | 1991130 | Phenanthrene-d10 | 11.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 98   |
| 2    |    | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 93   |
| 3    |    | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 90   |
| 4    |    | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 86   |
| 5    |    | Undecanoic acid, 10-methyl-, met... | 214 | C13H26O2 | 005129-56-6 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

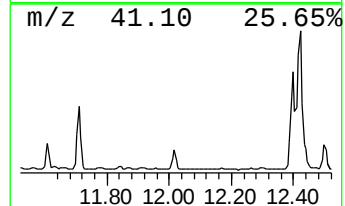
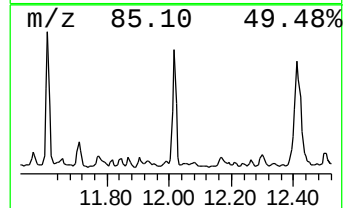
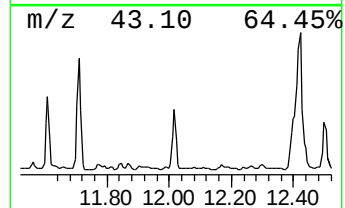
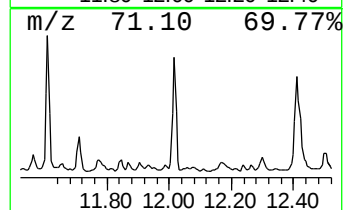
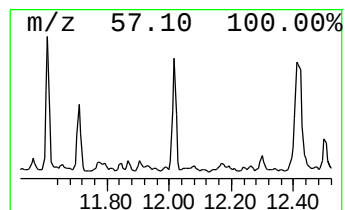
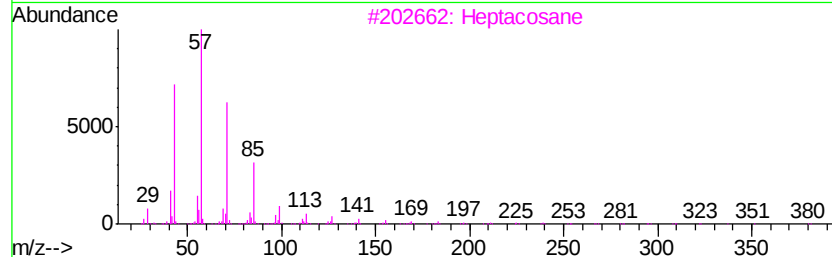
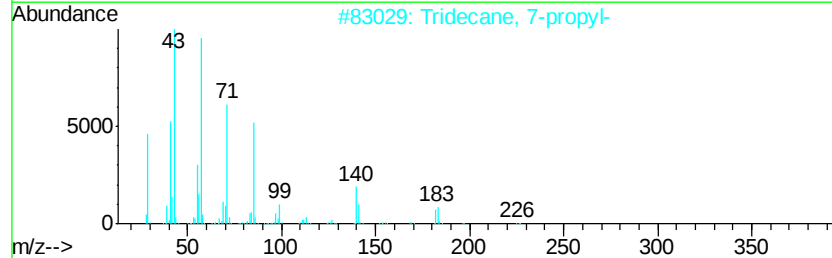
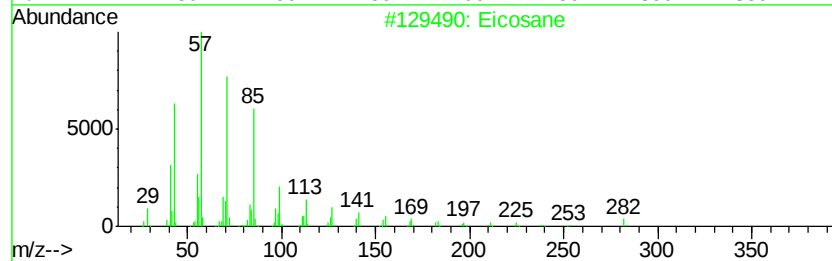
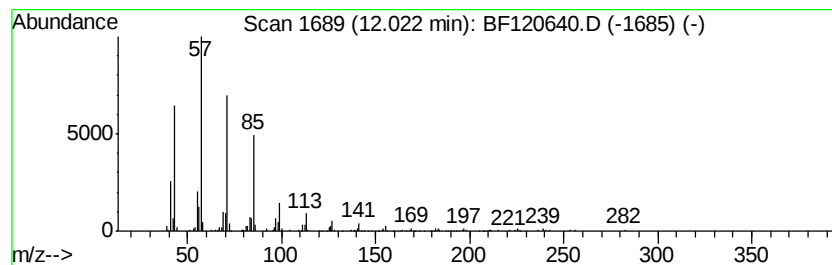
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Eicosane Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.02 | 7.77 ng | 504289 | Phenanthrene-d10 | 11.32 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane             | 282 | C20H42  | 000112-95-8 | 97   |
| 2    |    | Tridecane, 7-propyl- | 226 | C16H34  | 055045-09-5 | 93   |
| 3    |    | Heptacosane          | 380 | C27H56  | 000593-49-7 | 91   |
| 4    |    | Tetracosane          | 338 | C24H50  | 000646-31-1 | 91   |
| 5    |    | Nonadecane           | 268 | C19H40  | 000629-92-5 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

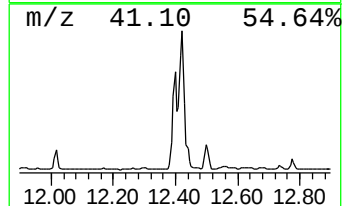
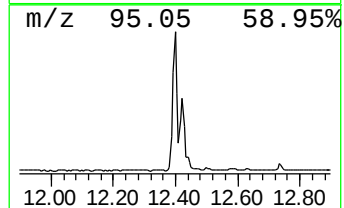
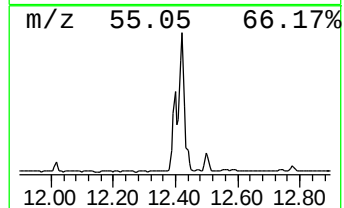
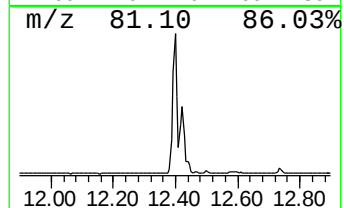
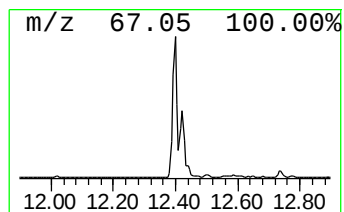
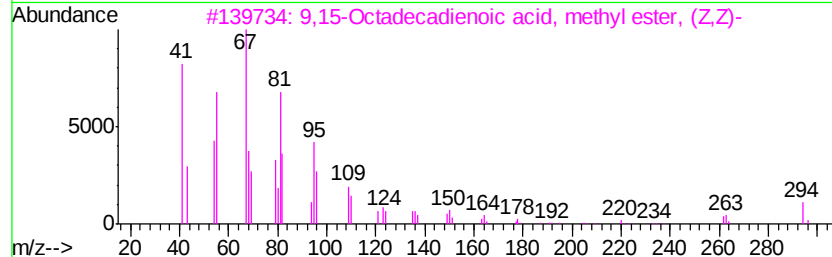
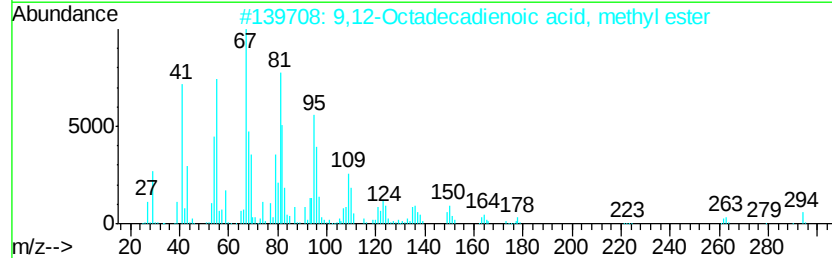
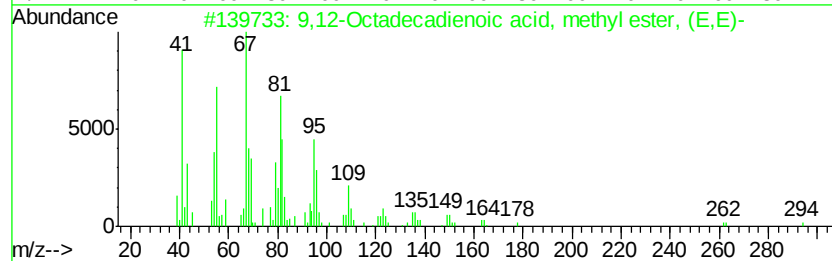
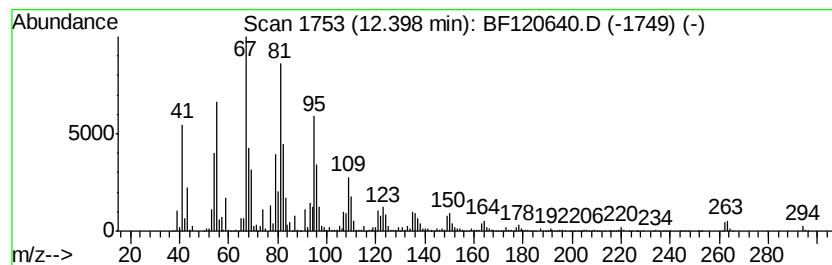
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.40 | 70.60 ng | 4585170 | Phenanthrene-d10 | 11.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 99   |
| 2    |    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 99   |
| 3    |    | 9,15-Octadecadienoic acid, methv... | 294 | C19H34O2 | 017309-05-6 | 99   |
| 4    |    | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2 | 056554-62-2 | 99   |
| 5    |    | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 99   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

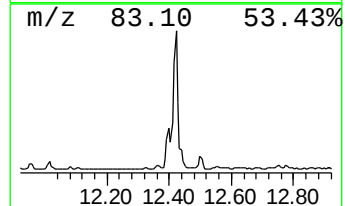
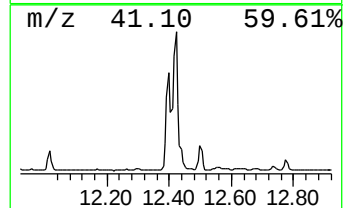
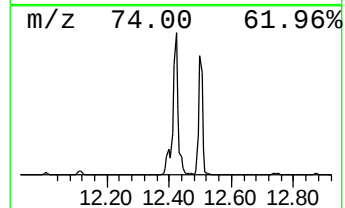
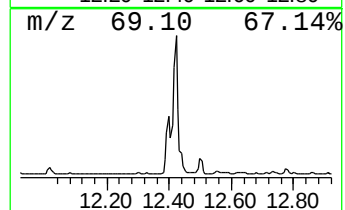
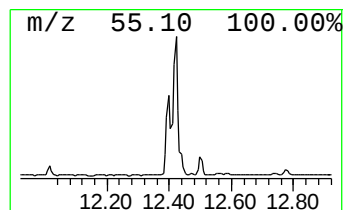
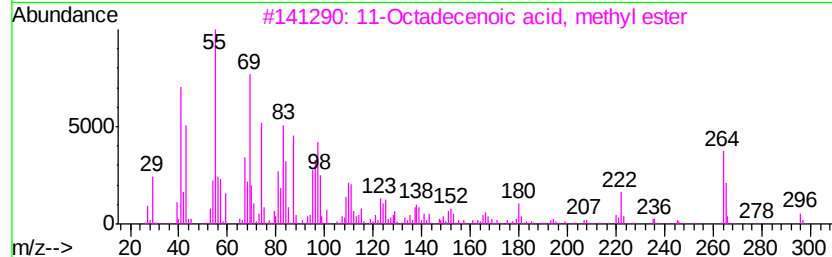
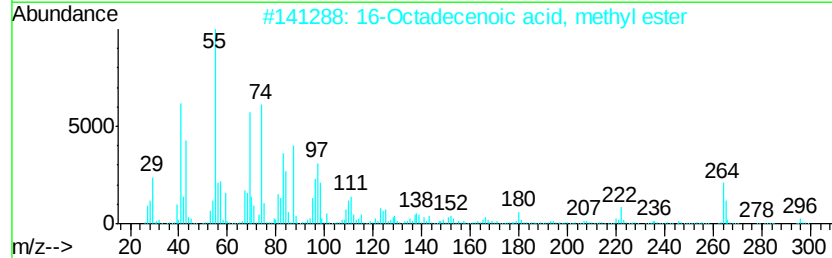
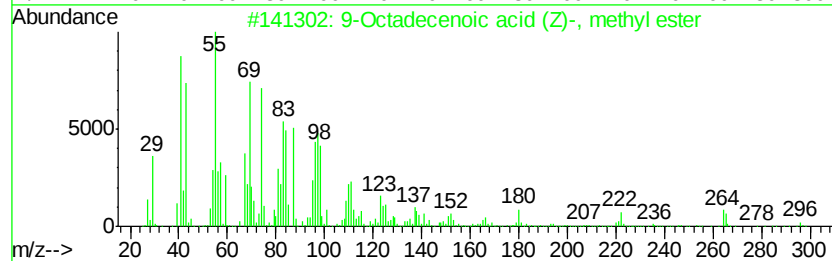
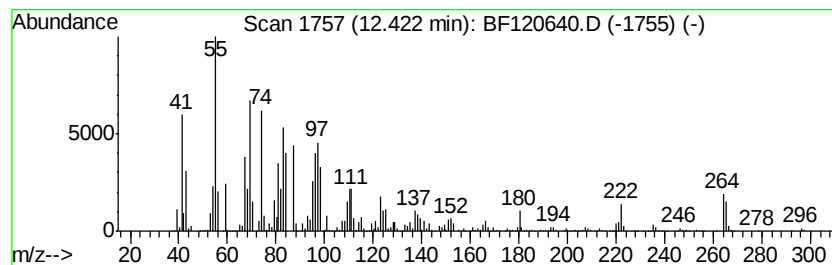
Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 12.42     | 82.07 ng                            | 5329970 | Phenanthrene-d10 | 11.32       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | 9-Octadecenoic acid (Z)-, methyl... | 296     | C19H36O2         | 000112-62-9 | 99   |
| 2         | 16-Octadecenoic acid, methyl ester  | 296     | C19H36O2         | 056554-49-5 | 99   |
| 3         | 11-Octadecenoic acid, methyl ester  | 296     | C19H36O2         | 052380-33-3 | 99   |
| 4         | 13-Octadecenoic acid, methyl ester  | 296     | C19H36O2         | 056554-47-3 | 99   |
| 5         | 12-Octadecenoic acid, methyl ester  | 296     | C19H36O2         | 056554-46-2 | 99   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

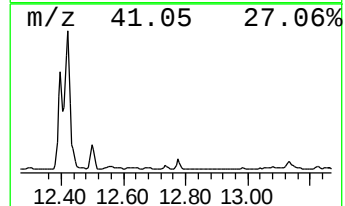
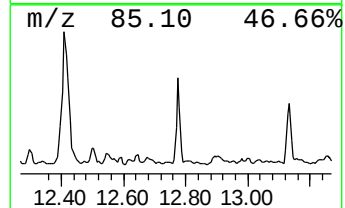
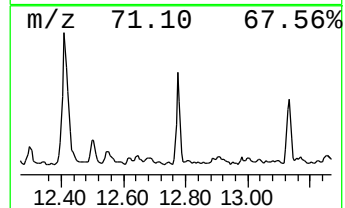
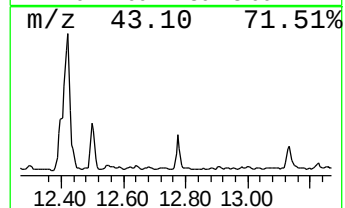
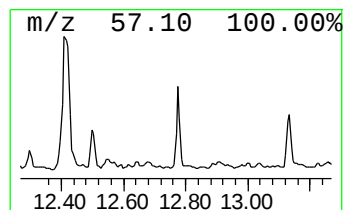
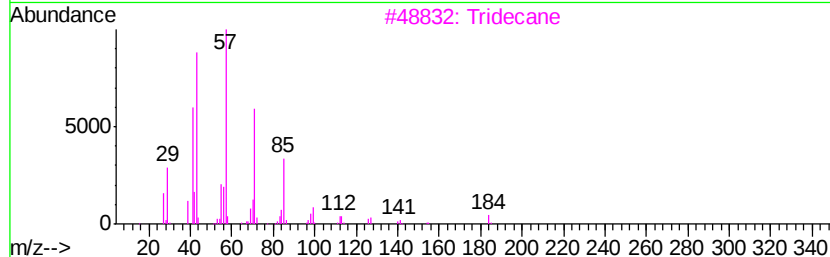
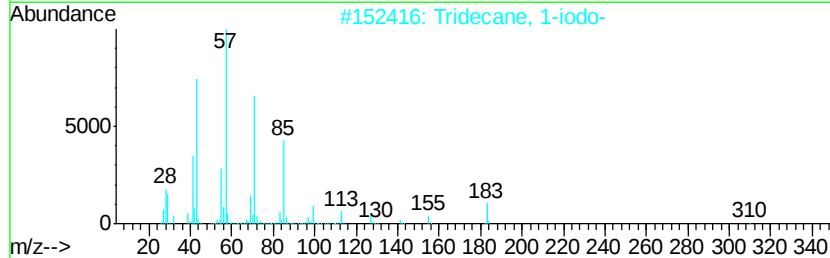
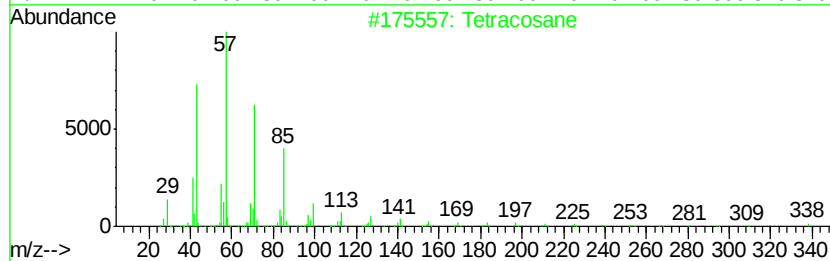
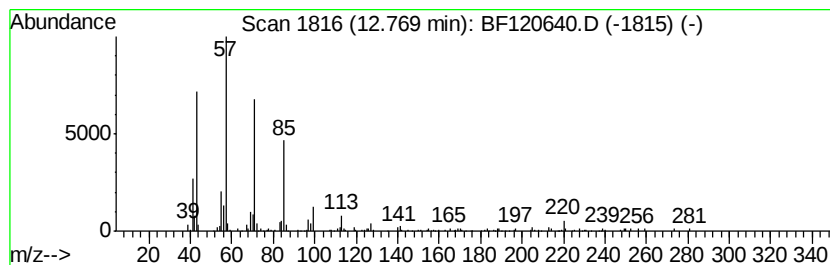
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Tetracosane Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.77 | 5.21 ng | 344289 | Chrysene-d12     | 13.95 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Tetracosane        | 338 | C24H50  | 000646-31-1 | 83   |
| 2    |    |   | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 80   |
| 3    |    |   | Tridecane          | 184 | C13H28  | 000629-50-5 | 80   |
| 4    |    |   | Tetradecane        | 198 | C14H30  | 000629-59-4 | 80   |
| 5    |    |   | Heptacosane        | 380 | C27H56  | 000593-49-7 | 76   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

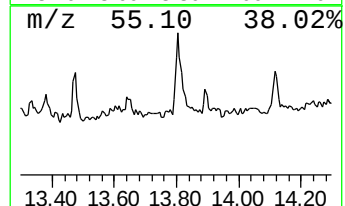
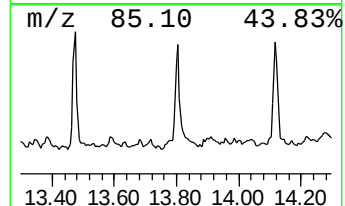
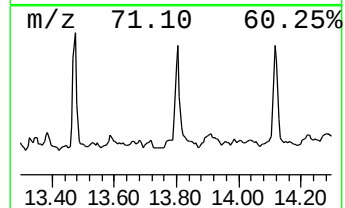
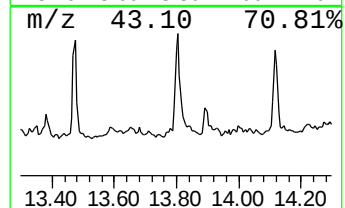
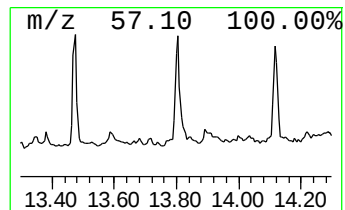
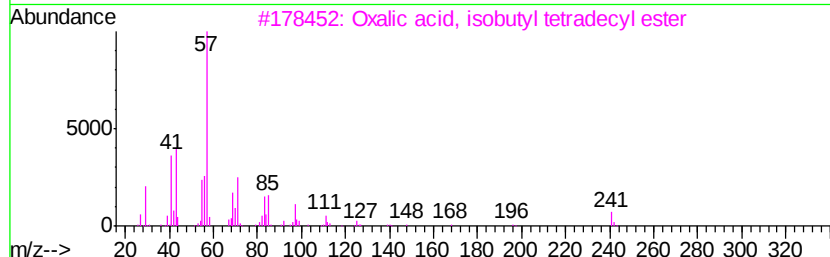
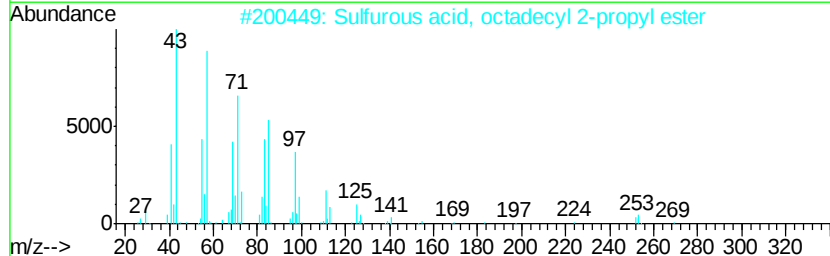
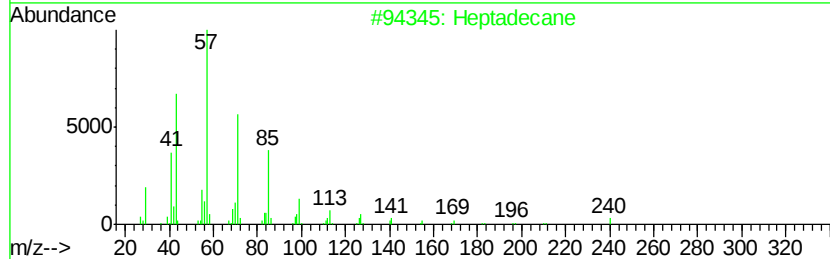
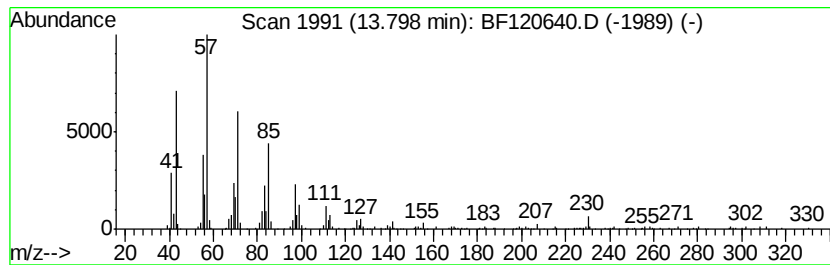
Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Heptadecane Concentration Rank 17

| R.T.    | EstConc                             | Area          | Relative to ISTD | R.T.      |
|---------|-------------------------------------|---------------|------------------|-----------|
| 13.80   | 4.98 ng                             | 329372        | Chrysene-d12     | 13.95     |
| Hit# of | 5                                   | Tentative ID  | MW MolForm       | CAS# Qual |
| 1       | Heptadecane                         | 240 C17H36    | 000629-78-7      | 92        |
| 2       | Sulfurous acid, octadecyl 2-prop... | 376 C21H44O3S | 1000309-12-7     | 90        |
| 3       | Oxalic acid, isobutyl tetradecyl... | 342 C20H38O4  | 1000309-37-9     | 83        |
| 4       | Hexadecane                          | 226 C16H34    | 000544-76-3      | 68        |
| 5       | Heptadecane, 2,6,10,15-tetramethyl- | 296 C21H44    | 054833-48-6      | 64        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

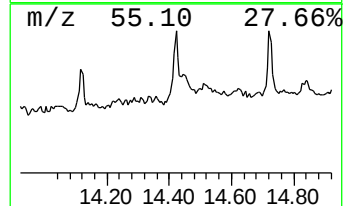
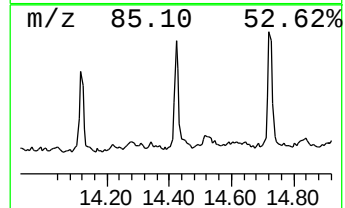
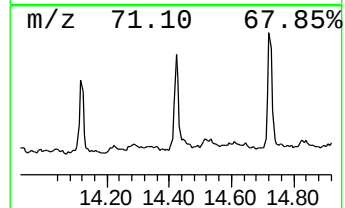
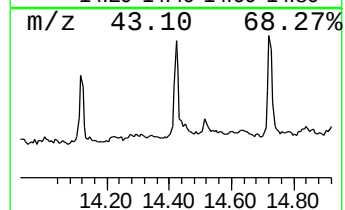
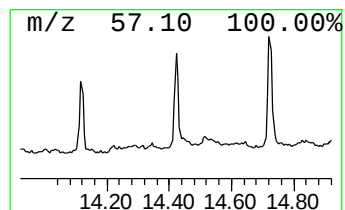
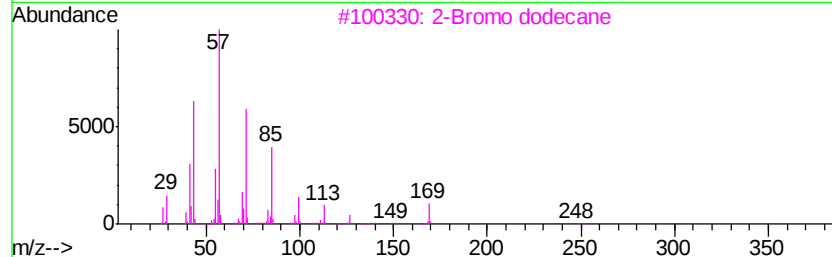
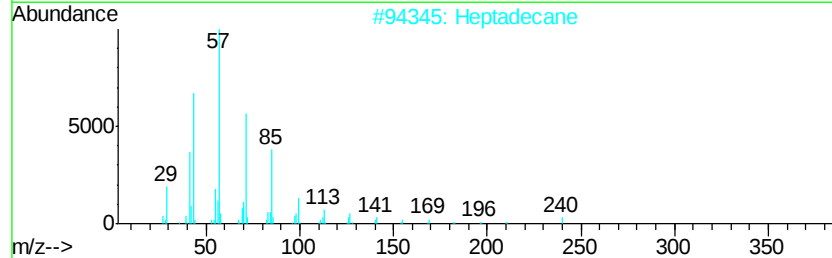
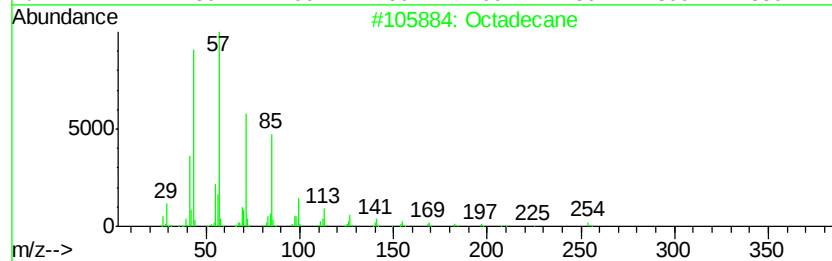
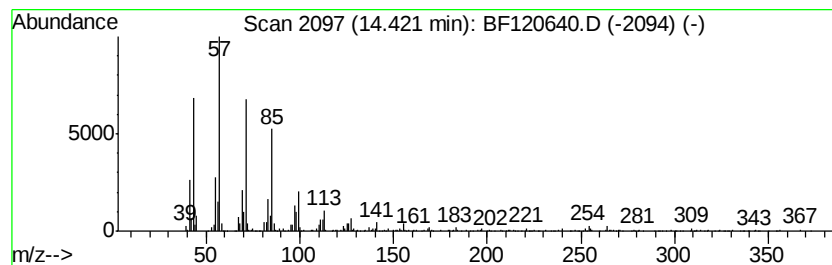
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Octadecane Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.42 | 4.76 ng | 314737 | Chrysene-d12     | 13.95 |

| Hit# | of | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecane       | 254 | C18H38   | 000593-45-3 | 94   |
| 2    |    | Heptadecane      | 240 | C17H36   | 000629-78-7 | 93   |
| 3    |    | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 91   |
| 4    |    | Hexacosane       | 366 | C26H54   | 000630-01-3 | 87   |
| 5    |    | Heneicosane      | 296 | C21H44   | 000629-94-7 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

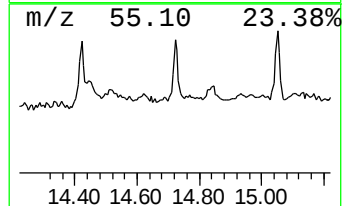
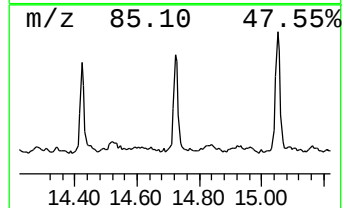
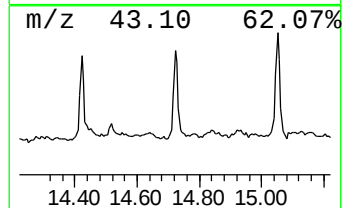
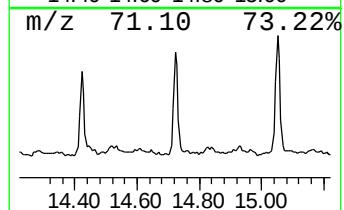
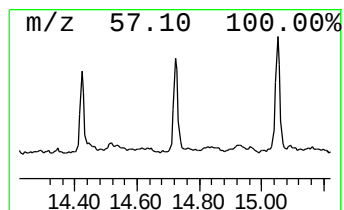
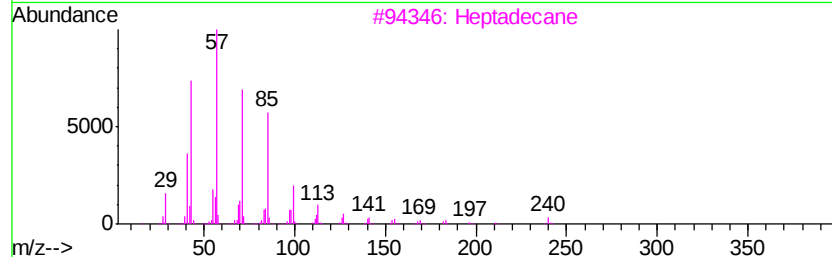
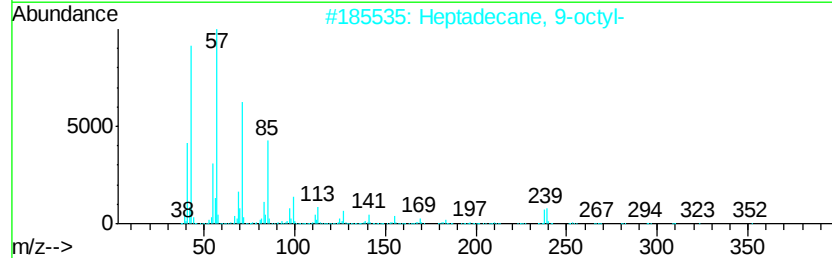
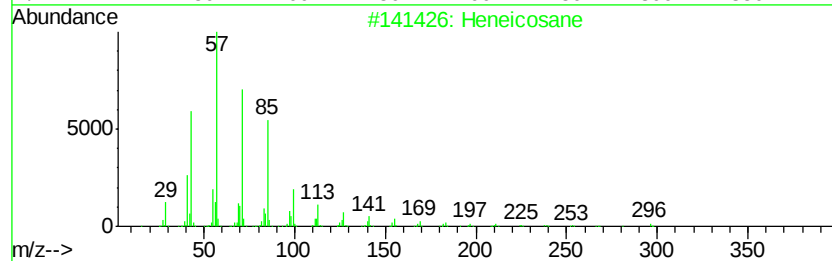
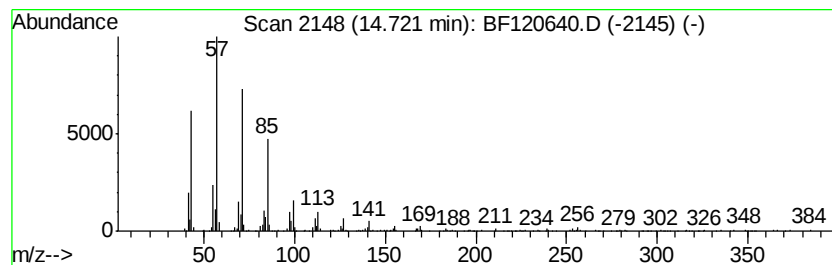
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Heneicosane Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.72 | 4.32 ng | 296479 | Perylene-d12     | 15.39 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane           | 296 | C21H44  | 000629-94-7 | 96   |
| 2    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 94   |
| 3    |    | Heptadecane           | 240 | C17H36  | 000629-78-7 | 94   |
| 4    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 94   |
| 5    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

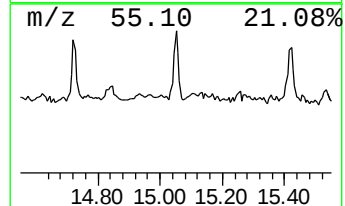
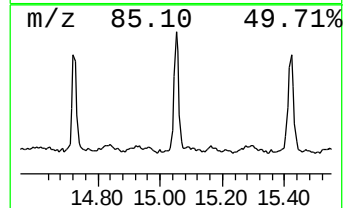
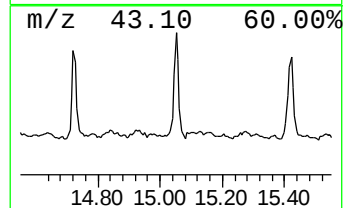
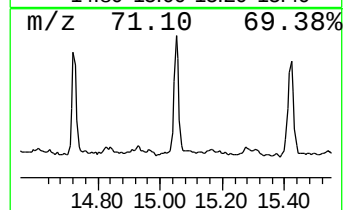
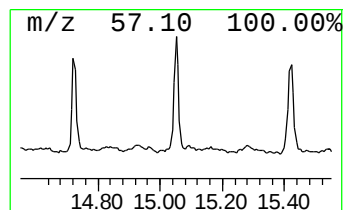
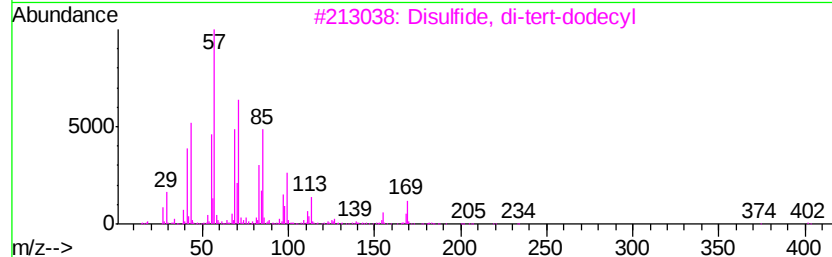
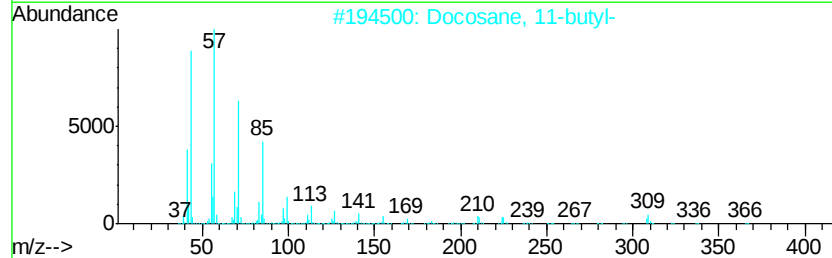
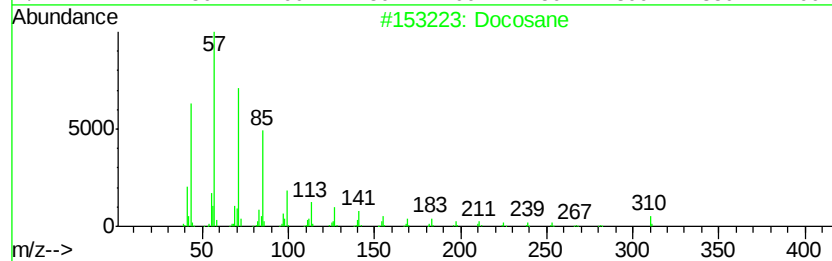
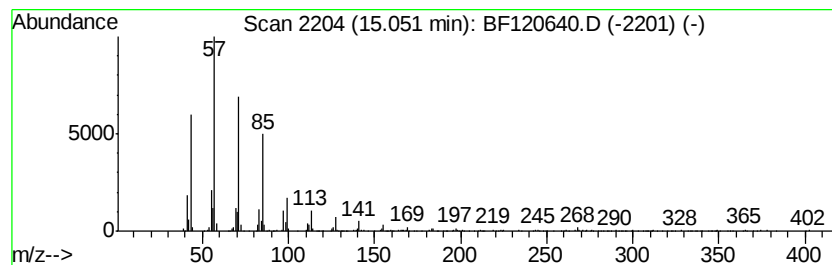
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Docosane Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.05 | 5.13 ng | 352067 | Perylene-d12     | 15.39 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | Docosane                   | 310 | C22H46   | 000629-97-0 | 93   |
| 2    |    |   | Docosane, 11-butyl-        | 366 | C26H54   | 013475-76-8 | 93   |
| 3    |    |   | Disulfide, di-tert-dodecyl | 402 | C24H50S2 | 027458-90-8 | 91   |
| 4    |    |   | Nonadecane                 | 268 | C19H40   | 000629-92-5 | 90   |
| 5    |    |   | Heneicosane                | 296 | C21H44   | 000629-94-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120640.D  
Acq On : 17 Jun 2020 18:51  
Operator : JU/CG  
Sample : L2811-01 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

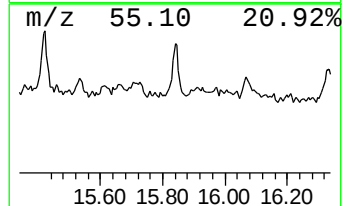
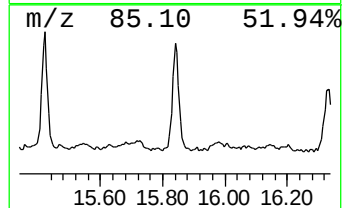
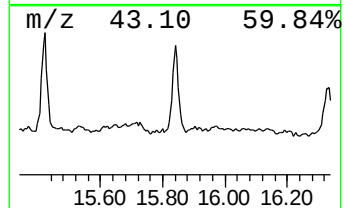
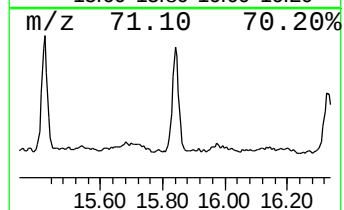
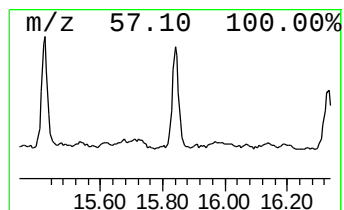
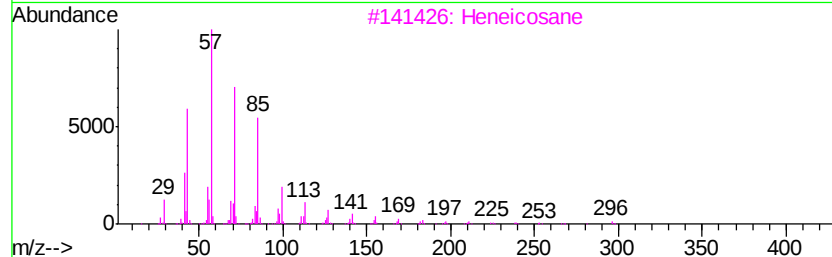
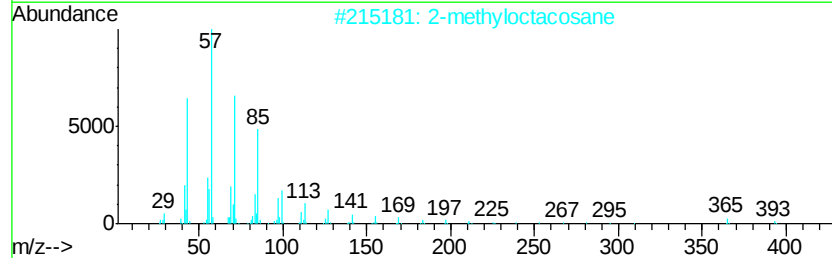
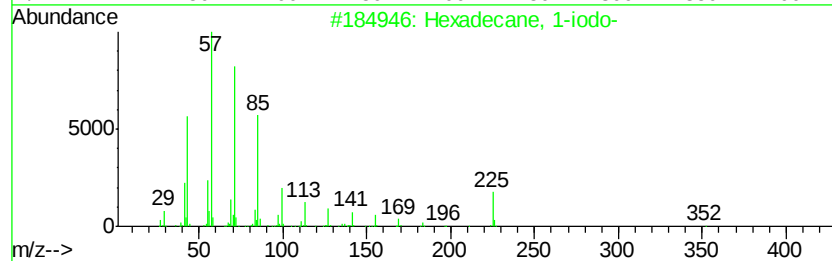
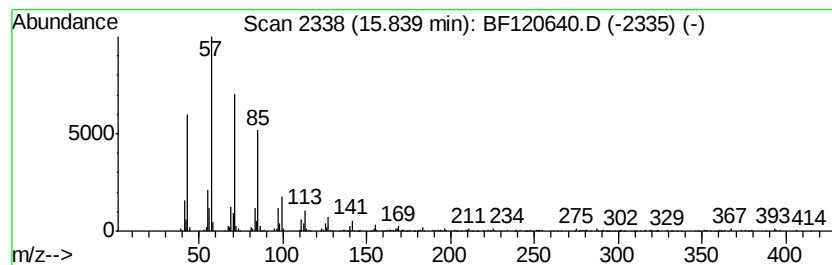
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.84 | 4.88 ng | 335294 | Perylene-d12     | 15.39 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#         | Qual |
|------|----|---------------------|-----|---------|--------------|------|
| 1    | 5  | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4  | 96   |
| 2    |    | 2-methyloctacosane  | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    | Heneicosane         | 296 | C21H44  | 000629-94-7  | 90   |
| 4    |    | Eicosane            | 282 | C20H42  | 000112-95-8  | 87   |
| 5    |    | Tetracosane         | 338 | C24H50  | 000646-31-1  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF061720\  
 Data File : BF120640.D  
 Acq On : 17 Jun 2020 18:51  
 Operator : JU/CG  
 Sample : L2811-01 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-061620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Tridecane            | 8.67  | 5.3     | ng    | 326730   | 2                     | 8.08  | 1222390 | 20.0 |
| Tetradecane          | 9.23  | 8.7     | ng    | 537868   | 3                     | 9.83  | 1240820 | 20.0 |
| Pentadecane          | 9.76  | 10.3    | ng    | 639704   | 3                     | 9.83  | 1240820 | 20.0 |
| Hexadecane           | 10.26 | 11.5    | ng    | 715250   | 3                     | 9.83  | 1240820 | 20.0 |
| 5,5-Dibutylnonane    | 10.49 | 6.8     | ng    | 424164   | 3                     | 9.83  | 1240820 | 20.0 |
| Heptacosane          | 10.74 | 17.1    | ng    | 1110110  | 4                     | 11.32 | 1298860 | 20.0 |
| Tridecane, 1-iodo-   | 11.19 | 10.6    | ng    | 687699   | 4                     | 11.32 | 1298860 | 20.0 |
| Bacchotricuneatin c  | 11.61 | 9.1     | ng    | 592857   | 4                     | 11.32 | 1298860 | 20.0 |
| Hexadecanoic acid... | 11.71 | 30.7    | ng    | 1991130  | 4                     | 11.32 | 1298860 | 20.0 |
| Eicosane             | 12.02 | 7.8     | ng    | 504289   | 4                     | 11.32 | 1298860 | 20.0 |
| 9,12-Octadecadien... | 12.40 | 70.6    | ng    | 4585170  | 4                     | 11.32 | 1298860 | 20.0 |
| 9-Octadecenoic ac... | 12.42 | 82.1    | ng    | 5329970  | 4                     | 11.32 | 1298860 | 20.0 |
| Tetracosane          | 12.77 | 5.2     | ng    | 344289   | 5                     | 13.95 | 1322060 | 20.0 |
| Heptadecane          | 13.80 | 5.0     | ng    | 329372   | 5                     | 13.95 | 1322060 | 20.0 |
| Octadecane           | 14.42 | 4.8     | ng    | 314737   | 5                     | 13.95 | 1322060 | 20.0 |
| Heneicosane          | 14.72 | 4.3     | ng    | 296479   | 6                     | 15.39 | 1373070 | 20.0 |
| Docosane             | 15.05 | 5.1     | ng    | 352067   | 6                     | 15.39 | 1373070 | 20.0 |
| Hexadecane, 1-iodo-  | 15.84 | 4.9     | ng    | 335294   | 6                     | 15.39 | 1373070 | 20.0 |