

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
 Data File : BF102565.D  
 Acq On : 28 Jan 2018 18:49  
 Operator : SJ/JU  
 Sample : J1290-20  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-45-9.5-10.0

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:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.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         | 4.916       | 477           | 481         | 492          | rVB      | 75117          | 111267        | 3.00%           | 0.200%        |
| 2         | 5.328       | 546           | 551         | 567          | rBV      | 3292673        | 3490374       | 94.25%          | 6.276%        |
| 3         | 5.533       | 583           | 586         | 595          | rBV      | 97926          | 103331        | 2.79%           | 0.186%        |
| 4         | 6.363       | 722           | 727         | 737          | rBV      | 3154957        | 3703225       | 100.00%         | 6.658%        |
| 5         | 6.486       | 742           | 748         | 751          | rVV      | 3681089        | 3674522       | 99.22%          | 6.607%        |
| 6         | 6.710       | 783           | 786         | 792          | rVB      | 1093802        | 923681        | 24.94%          | 1.661%        |
| 7         | 6.869       | 808           | 813         | 816          | rBV      | 3006582        | 2752453       | 74.33%          | 4.949%        |
| 8         | 7.280       | 879           | 883         | 886          | rVV      | 2379626        | 2222371       | 60.01%          | 3.996%        |
| 9         | 7.304       | 886           | 887         | 891          | rVB      | 198704         | 114838        | 3.10%           | 0.206%        |
| 10        | 7.739       | 957           | 961         | 966          | rVV4     | 67462          | 93614         | 2.53%           | 0.168%        |
| 11        | 7.974       | 998           | 1001        | 1002         | rVV      | 288845         | 276577        | 7.47%           | 0.497%        |
| 12        | 7.992       | 1002          | 1004        | 1007         | rVV      | 1411644        | 1239082       | 33.46%          | 2.228%        |
| 13        | 8.016       | 1007          | 1008        | 1010         | rVV      | 268080         | 168160        | 4.54%           | 0.302%        |
| 14        | 8.051       | 1011          | 1014        | 1016         | rVV      | 201744         | 190635        | 5.15%           | 0.343%        |
| 15        | 8.080       | 1016          | 1019        | 1026         | rVB7     | 52194          | 94831         | 2.56%           | 0.171%        |
| 16        | 8.216       | 1039          | 1042        | 1045         | rVB      | 212542         | 170023        | 4.59%           | 0.306%        |
| 17        | 8.280       | 1045          | 1053        | 1055         | rBV5     | 94179          | 148829        | 4.02%           | 0.268%        |
| 18        | 8.369       | 1065          | 1068        | 1071         | rVB3     | 94040          | 97774         | 2.64%           | 0.176%        |
| 19        | 8.410       | 1071          | 1075        | 1077         | rBV      | 341439         | 273606        | 7.39%           | 0.492%        |
| 20        | 8.580       | 1100          | 1104        | 1108         | rBV2     | 576743         | 496334        | 13.40%          | 0.892%        |
| 21        | 8.674       | 1117          | 1120        | 1123         | rVB2     | 119674         | 138762        | 3.75%           | 0.249%        |
| 22        | 8.710       | 1123          | 1126        | 1128         | rBV      | 121008         | 114682        | 3.10%           | 0.206%        |
| 23        | 8.757       | 1132          | 1134        | 1137         | rBV      | 161268         | 127246        | 3.44%           | 0.229%        |
| 24        | 8.804       | 1140          | 1142        | 1146         | rVB2     | 104485         | 99807         | 2.70%           | 0.179%        |
| 25        | 8.863       | 1150          | 1152        | 1154         | rBV2     | 96582          | 92695         | 2.50%           | 0.167%        |
| 26        | 8.945       | 1162          | 1166        | 1169         | rBV      | 127901         | 133331        | 3.60%           | 0.240%        |
| 27        | 8.980       | 1169          | 1172        | 1174         | rVV2     | 90483          | 87910         | 2.37%           | 0.158%        |
| 28        | 9.010       | 1174          | 1177        | 1180         | rVB      | 408658         | 302462        | 8.17%           | 0.544%        |
| 29        | 9.069       | 1182          | 1187        | 1191         | rBV      | 3575646        | 3492751       | 94.32%          | 6.280%        |
| 30        | 9.145       | 1196          | 1200        | 1203         | rBV      | 763705         | 724363        | 19.56%          | 1.302%        |
| 31        | 9.333       | 1229          | 1232        | 1237         | rBV2     | 138360         | 165816        | 4.48%           | 0.298%        |
| 32        | 9.404       | 1241          | 1244        | 1246         | rVV2     | 218173         | 252157        | 6.81%           | 0.453%        |
| 33        | 9.445       | 1249          | 1251        | 1252         | rVV      | 341754         | 293638        | 7.93%           | 0.528%        |
| 34        | 9.463       | 1252          | 1254        | 1257         | rVV      | 927502         | 805722        | 21.76%          | 1.449%        |

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 SB-45-9.5-10.0

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:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 9.486  | 1257 | 1258 | 1262 | rVB4 | 128788  | 103700  | 2.80%  | 0.186% |
| 36 | 9.521  | 1262 | 1264 | 1266 | rBV  | 139900  | 98328   | 2.66%  | 0.177% |
| 37 | 9.610  | 1276 | 1279 | 1283 | rBV2 | 214136  | 248784  | 6.72%  | 0.447% |
| 38 | 9.651  | 1283 | 1286 | 1288 | rVV  | 268624  | 239669  | 6.47%  | 0.431% |
| 39 | 9.674  | 1288 | 1290 | 1294 | rVV  | 841026  | 634807  | 17.14% | 1.141% |
| 40 | 9.716  | 1294 | 1297 | 1299 | rVV2 | 132123  | 172592  | 4.66%  | 0.310% |
| 41 | 9.745  | 1299 | 1302 | 1305 | rVV2 | 1369350 | 1250810 | 33.78% | 2.249% |
| 42 | 9.780  | 1305 | 1308 | 1311 | rVB  | 315928  | 283725  | 7.66%  | 0.510% |
| 43 | 9.851  | 1317 | 1320 | 1324 | rVB  | 129325  | 149043  | 4.02%  | 0.268% |
| 44 | 9.904  | 1325 | 1329 | 1332 | rBV6 | 116860  | 178661  | 4.82%  | 0.321% |
| 45 | 9.933  | 1332 | 1334 | 1335 | rVV  | 136343  | 114454  | 3.09%  | 0.206% |
| 46 | 9.951  | 1335 | 1337 | 1341 | rVB3 | 231589  | 247942  | 6.70%  | 0.446% |
| 47 | 9.992  | 1341 | 1344 | 1348 | rBV3 | 253662  | 289860  | 7.83%  | 0.521% |
| 48 | 10.063 | 1353 | 1356 | 1359 | rBV3 | 152097  | 192328  | 5.19%  | 0.346% |
| 49 | 10.145 | 1367 | 1370 | 1372 | rBV3 | 176622  | 178444  | 4.82%  | 0.321% |
| 50 | 10.174 | 1372 | 1375 | 1377 | rVV  | 746456  | 582712  | 15.74% | 1.048% |
| 51 | 10.292 | 1392 | 1395 | 1401 | rBV2 | 343537  | 342984  | 9.26%  | 0.617% |
| 52 | 10.392 | 1408 | 1412 | 1419 | rVV  | 350921  | 442241  | 11.94% | 0.795% |
| 53 | 10.445 | 1419 | 1421 | 1425 | rVB3 | 100962  | 98799   | 2.67%  | 0.178% |
| 54 | 10.510 | 1430 | 1432 | 1434 | rBV2 | 104379  | 86083   | 2.32%  | 0.155% |
| 55 | 10.539 | 1434 | 1437 | 1441 | rBV  | 1919271 | 1862916 | 50.31% | 3.350% |
| 56 | 10.657 | 1452 | 1457 | 1464 | rVB2 | 773716  | 1190943 | 32.16% | 2.141% |
| 57 | 10.839 | 1485 | 1488 | 1491 | rBV4 | 129464  | 157228  | 4.25%  | 0.283% |
| 58 | 10.868 | 1491 | 1493 | 1496 | rVB2 | 144743  | 120045  | 3.24%  | 0.216% |
| 59 | 11.092 | 1528 | 1531 | 1534 | rBV  | 423809  | 361353  | 9.76%  | 0.650% |
| 60 | 11.121 | 1534 | 1536 | 1542 | rVB2 | 339952  | 388922  | 10.50% | 0.699% |
| 61 | 11.233 | 1551 | 1555 | 1557 | rBV  | 1291096 | 1155333 | 31.20% | 2.077% |
| 62 | 11.257 | 1557 | 1559 | 1563 | rVV  | 1589726 | 1337294 | 36.11% | 2.404% |
| 63 | 11.310 | 1565 | 1568 | 1570 | rVB  | 301828  | 246930  | 6.67%  | 0.444% |
| 64 | 11.468 | 1593 | 1595 | 1601 | rVB  | 208415  | 201052  | 5.43%  | 0.361% |
| 65 | 11.521 | 1601 | 1604 | 1606 | rBV  | 341085  | 271333  | 7.33%  | 0.488% |
| 66 | 11.733 | 1638 | 1640 | 1643 | rBV  | 205375  | 161012  | 4.35%  | 0.290% |
| 67 | 11.762 | 1643 | 1645 | 1650 | rVB  | 281448  | 226870  | 6.13%  | 0.408% |
| 68 | 11.845 | 1656 | 1659 | 1662 | rBV  | 340687  | 373365  | 10.08% | 0.671% |
| 69 | 11.927 | 1671 | 1673 | 1677 | rVB2 | 184160  | 155889  | 4.21%  | 0.280% |
| 70 | 12.286 | 1732 | 1734 | 1737 | rVV  | 137639  | 131346  | 3.55%  | 0.236% |
| 71 | 12.315 | 1737 | 1739 | 1743 | rVB3 | 239148  | 238782  | 6.45%  | 0.429% |

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Instrument :  
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 ClientSampleId :  
 SB-45-9.5-10.0

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:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 12.451 | 1759 | 1762 | 1765 | rBV  | 1729517 | 1415539 | 38.22% | 2.545% |
| 73  | 12.480 | 1765 | 1767 | 1771 | rVB  | 739720  | 687606  | 18.57% | 1.236% |
| 74  | 12.633 | 1790 | 1793 | 1795 | rBV3 | 93330   | 95075   | 2.57%  | 0.171% |
| 75  | 12.680 | 1795 | 1801 | 1806 | rVV  | 1345497 | 1539087 | 41.56% | 2.767% |
| 76  | 12.821 | 1820 | 1825 | 1828 | rBV  | 2442633 | 2332674 | 62.99% | 4.194% |
| 77  | 13.004 | 1849 | 1856 | 1859 | rBV  | 211393  | 311233  | 8.40%  | 0.560% |
| 78  | 13.039 | 1860 | 1862 | 1865 | rVV  | 121831  | 98030   | 2.65%  | 0.176% |
| 79  | 13.068 | 1865 | 1867 | 1870 | rVV2 | 126536  | 131787  | 3.56%  | 0.237% |
| 80  | 13.104 | 1871 | 1873 | 1876 | rVB3 | 125384  | 127239  | 3.44%  | 0.229% |
| 81  | 13.233 | 1892 | 1895 | 1897 | rBV2 | 98705   | 104065  | 2.81%  | 0.187% |
| 82  | 13.380 | 1918 | 1920 | 1924 | rVB2 | 110916  | 107529  | 2.90%  | 0.193% |
| 83  | 13.515 | 1941 | 1943 | 1947 | rVB  | 107776  | 87812   | 2.37%  | 0.158% |
| 84  | 13.645 | 1963 | 1965 | 1968 | rVB  | 93315   | 83587   | 2.26%  | 0.150% |
| 85  | 13.674 | 1968 | 1970 | 1973 | rBV  | 81137   | 114526  | 3.09%  | 0.206% |
| 86  | 13.709 | 1973 | 1976 | 1983 | rVB3 | 316958  | 435948  | 11.77% | 0.784% |
| 87  | 13.874 | 1996 | 2004 | 2006 | rBV2 | 1069070 | 1602378 | 43.27% | 2.881% |
| 88  | 13.898 | 2006 | 2008 | 2014 | rVB  | 648326  | 618524  | 16.70% | 1.112% |
| 89  | 14.027 | 2027 | 2030 | 2036 | rVB3 | 113273  | 127421  | 3.44%  | 0.229% |
| 90  | 14.256 | 2067 | 2069 | 2072 | rVB  | 141069  | 135429  | 3.66%  | 0.244% |
| 91  | 14.333 | 2079 | 2082 | 2084 | rBV2 | 126480  | 139978  | 3.78%  | 0.252% |
| 92  | 14.892 | 2173 | 2177 | 2180 | rBV  | 532633  | 766377  | 20.69% | 1.378% |
| 93  | 14.945 | 2184 | 2186 | 2191 | rVV3 | 117807  | 123099  | 3.32%  | 0.221% |
| 94  | 14.998 | 2192 | 2195 | 2199 | rVB  | 110684  | 127261  | 3.44%  | 0.229% |
| 95  | 15.180 | 2223 | 2226 | 2232 | rVB  | 356521  | 432167  | 11.67% | 0.777% |
| 96  | 15.245 | 2233 | 2237 | 2242 | rVB  | 480552  | 549168  | 14.83% | 0.987% |
| 97  | 15.303 | 2242 | 2247 | 2250 | rBV  | 695806  | 835208  | 22.55% | 1.502% |
| 98  | 15.709 | 2313 | 2316 | 2321 | rVB3 | 90707   | 126917  | 3.43%  | 0.228% |
| 99  | 16.697 | 2479 | 2484 | 2495 | rVB2 | 179563  | 368924  | 9.96%  | 0.663% |
| 100 | 17.121 | 2551 | 2556 | 2566 | rVB  | 143904  | 298665  | 8.06%  | 0.537% |

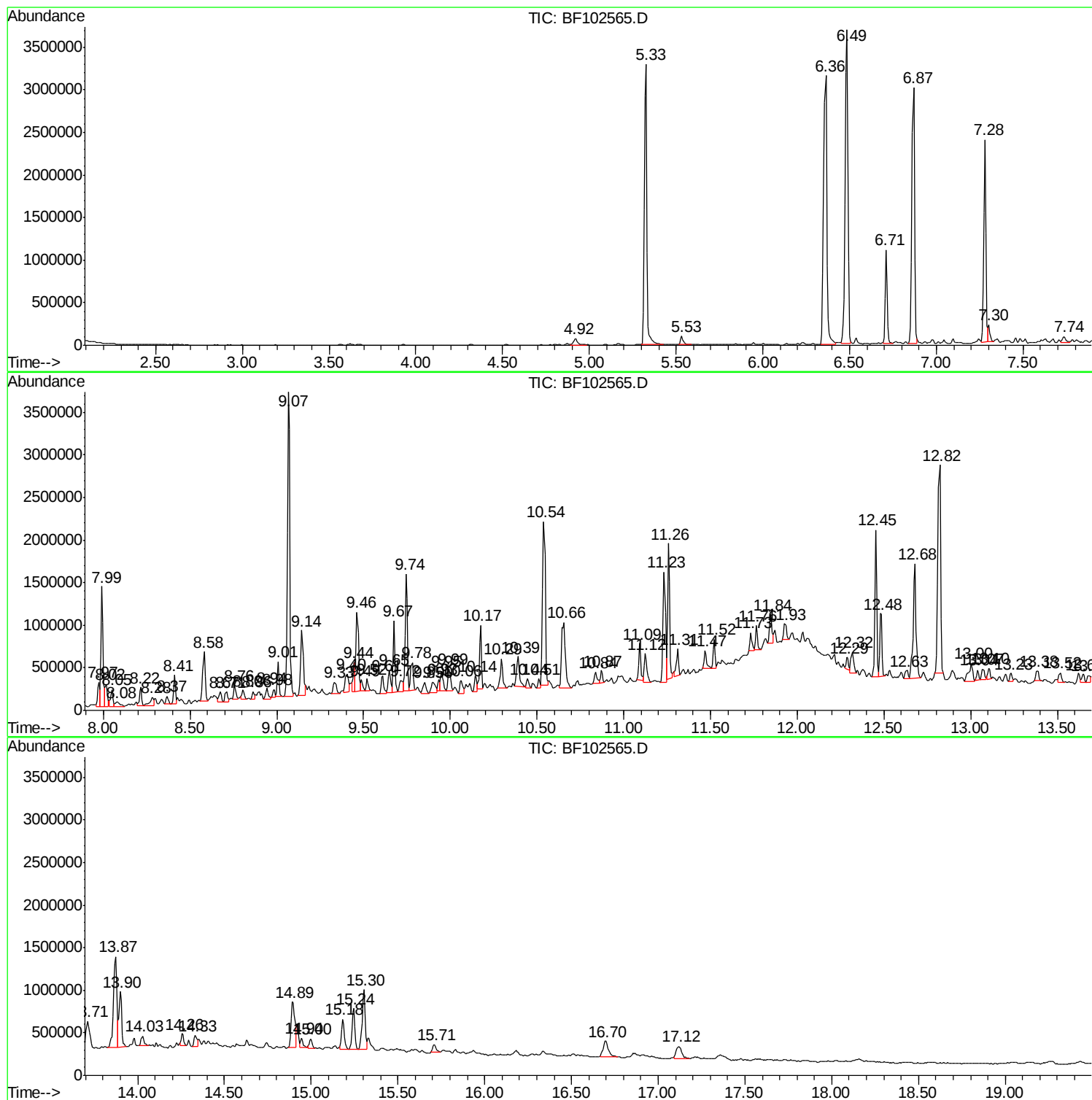
Sum of corrected areas: 55616701

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Instrument :  
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ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012818\  
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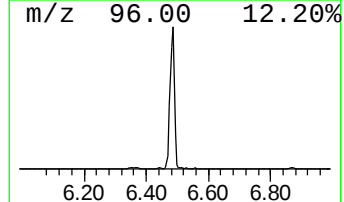
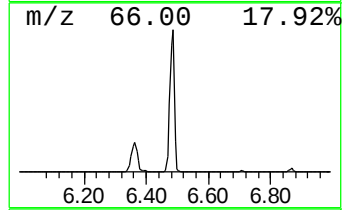
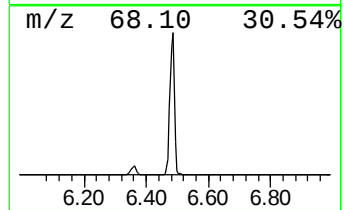
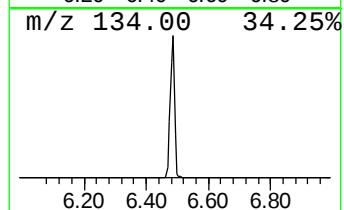
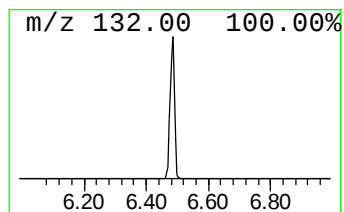
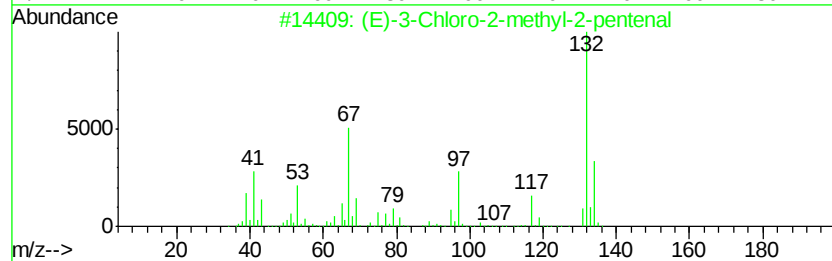
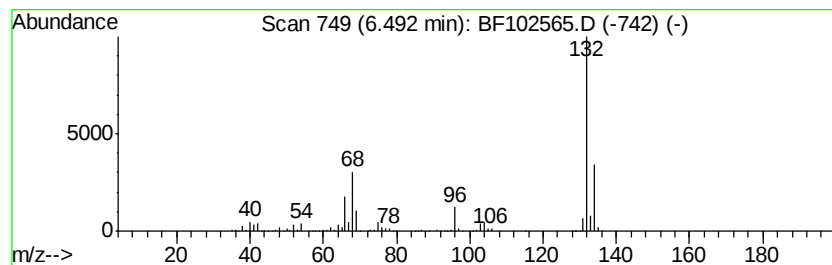
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown6.49 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.49 | 79.56 ng | 3674520 | 1,4-Dichlorobenzene-d4 | 6.71 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|---|----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 2    |    |   | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    |   | 4-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-60-2  | 9    |
| 5    |    |   | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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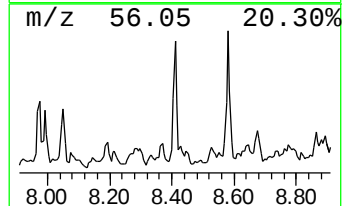
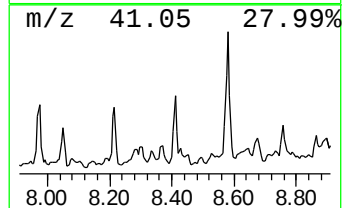
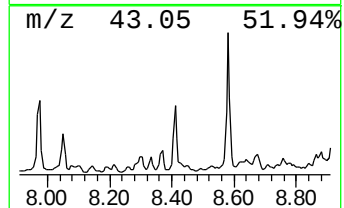
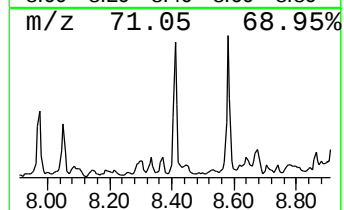
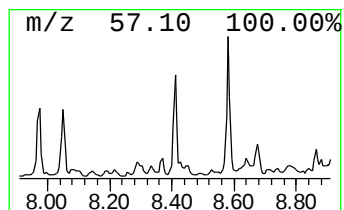
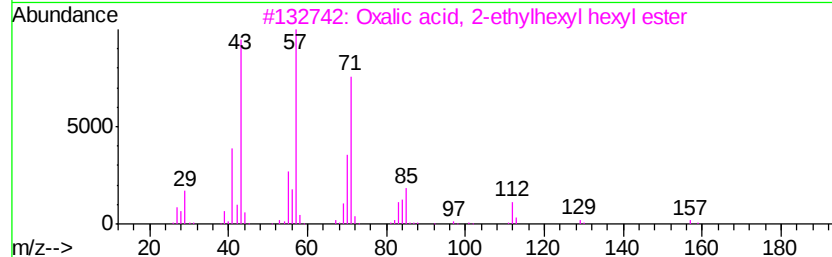
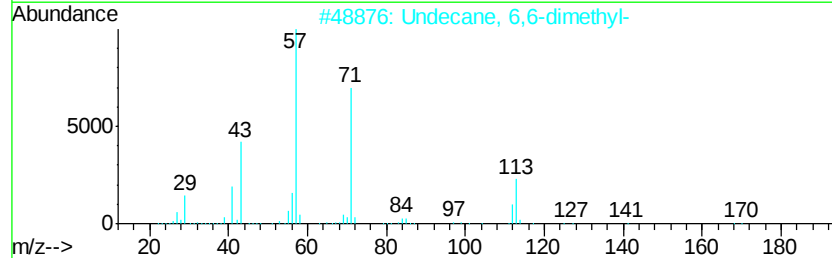
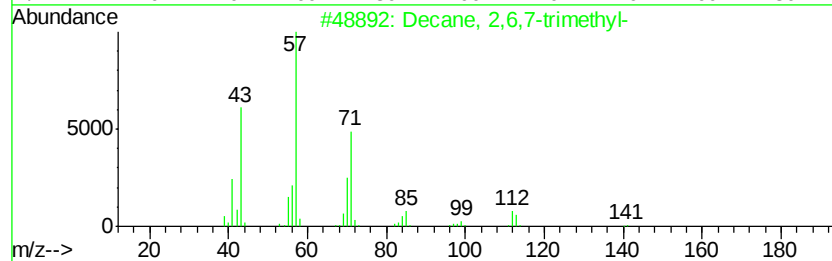
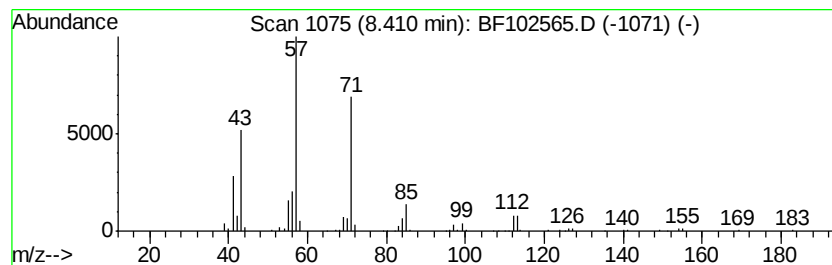
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 16

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.41 | 4.42 ng | 273606 | Naphthalene-d8   | 7.99 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Decane, 2,6,7-trimethyl-            | 184 | C13H28   | 062108-25-2  | 83   |
| 2    |    | Undecane, 6,6-dimethyl-             | 184 | C13H28   | 017312-76-4  | 64   |
| 3    |    | Oxalic acid, 2-ethylhexyl hexyl ... | 286 | C16H30O4 | 1000309-38-9 | 59   |
| 4    |    | Heptadecane, 2,6-dimethyl-          | 268 | C19H40   | 054105-67-8  | 59   |
| 5    |    | Butane, 2,2-dimethyl-               | 86  | C6H14    | 000075-83-2  | 53   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

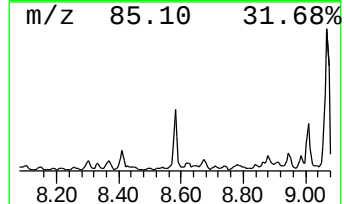
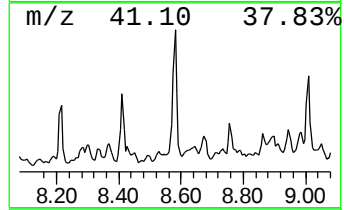
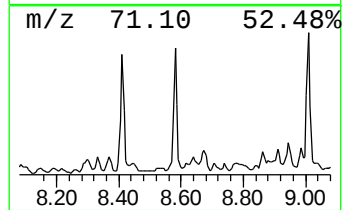
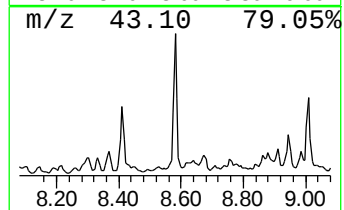
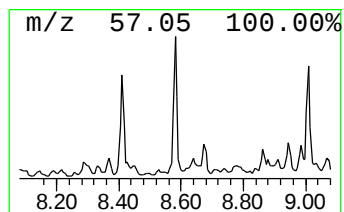
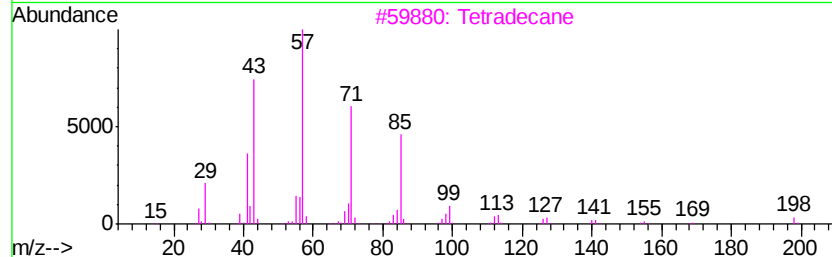
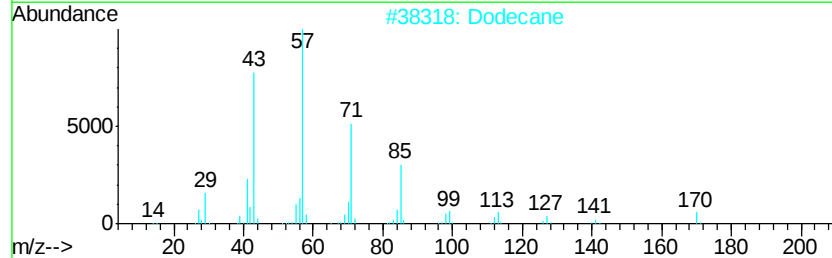
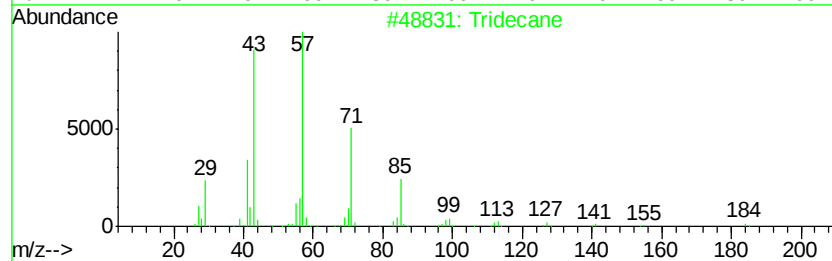
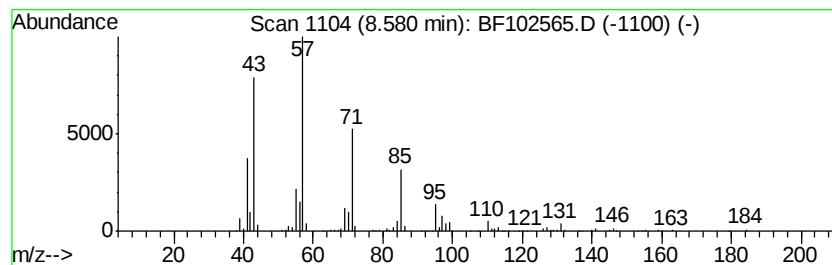
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Tridecane Concentration Rank 8

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.58 | 8.01 ng | 496334 | Naphthalene-d8   | 7.99 |

| Hit# of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|-----------|--------------|-----|---------|-------------|------|
| 1         | Tridecane    | 184 | C13H28  | 000629-50-5 | 74   |
| 2         | Dodecane     | 170 | C12H26  | 000112-40-3 | 72   |
| 3         | Tetradecane  | 198 | C14H30  | 000629-59-4 | 72   |
| 4         | Hexadecane   | 226 | C16H34  | 000544-76-3 | 72   |
| 5         | Pentadecane  | 212 | C15H32  | 000629-62-9 | 64   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

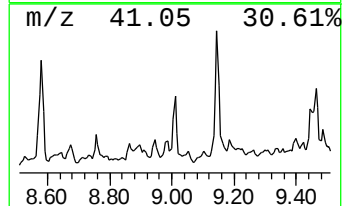
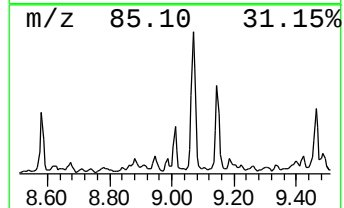
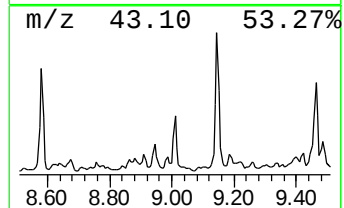
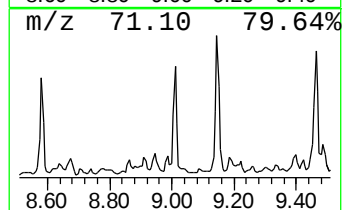
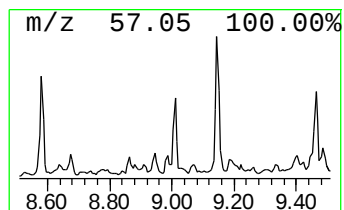
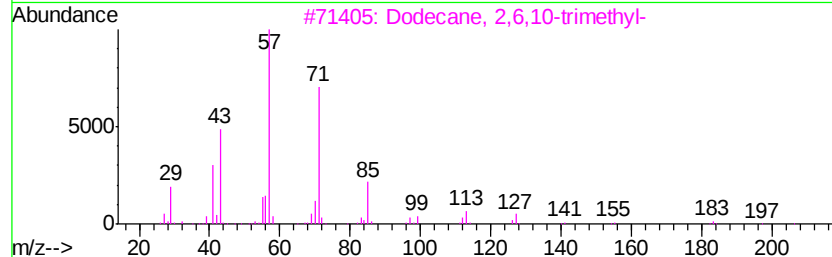
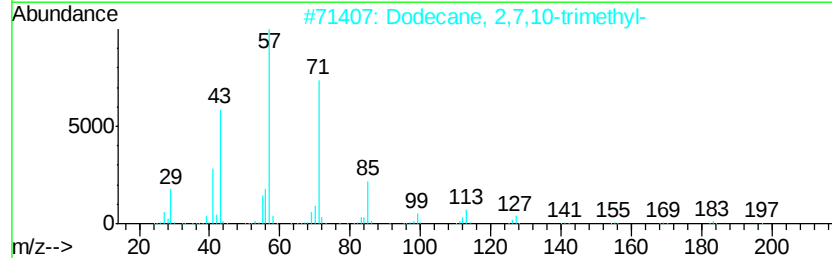
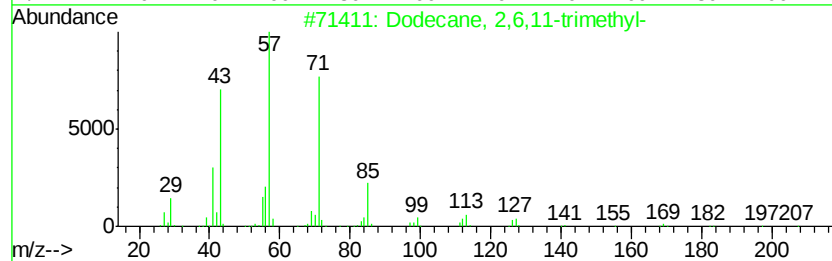
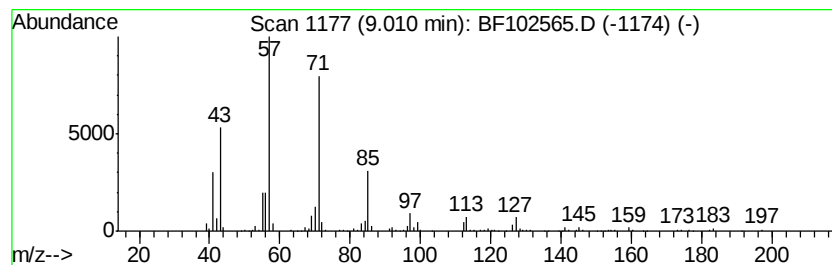
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 14

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.01 | 4.84 ng | 302462 | Acenaphthene-d10 | 9.74 |

| Hit# of | 5                           | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|-----------------------------|--------------|----------|-------------|------|------|
| 1       | Dodecane, 2,6,11-trimethyl- | 212          | C15H32   | 031295-56-4 | 90   |      |
| 2       | Dodecane, 2,7,10-trimethyl- | 212          | C15H32   | 074645-98-0 | 90   |      |
| 3       | Dodecane, 2,6,10-trimethyl- | 212          | C15H32   | 003891-98-3 | 90   |      |
| 4       | Octane, 2,6-dimethyl-       | 142          | C10H22   | 002051-30-1 | 72   |      |
| 5       | Bacchotricuneatin c         | 342          | C20H22O5 | 066563-30-2 | 72   |      |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

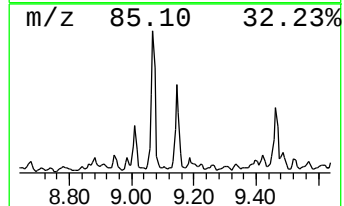
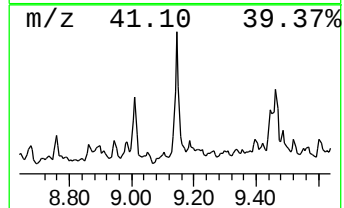
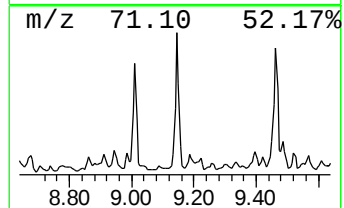
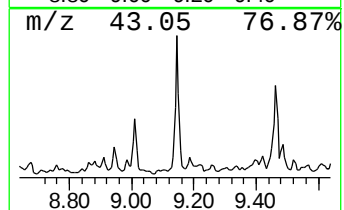
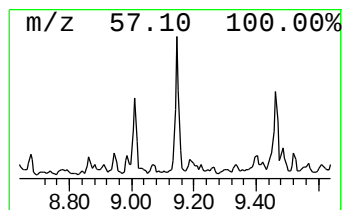
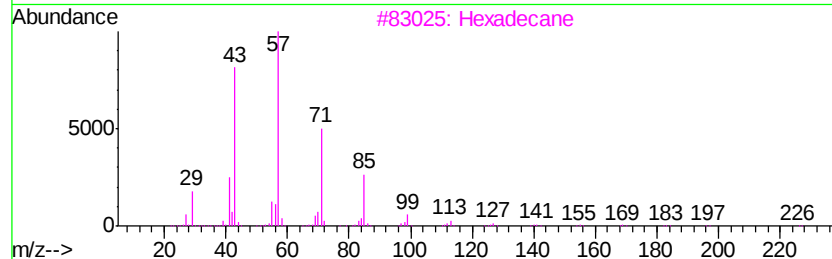
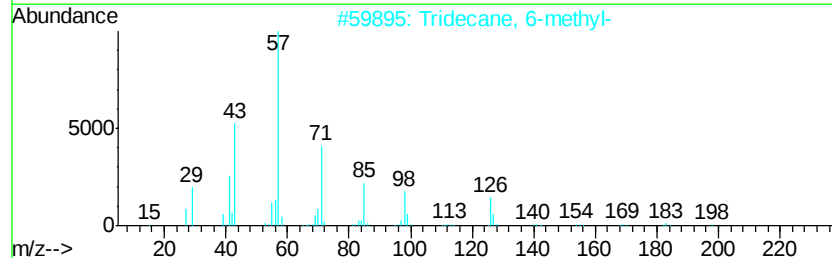
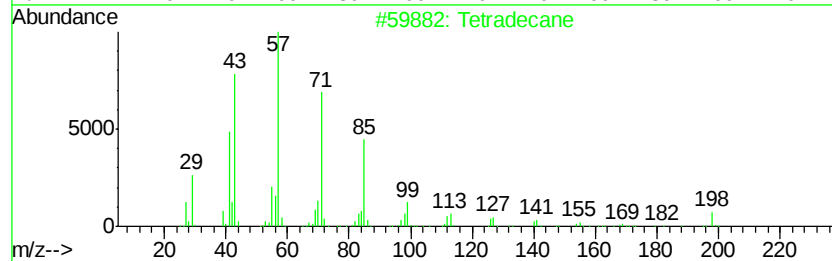
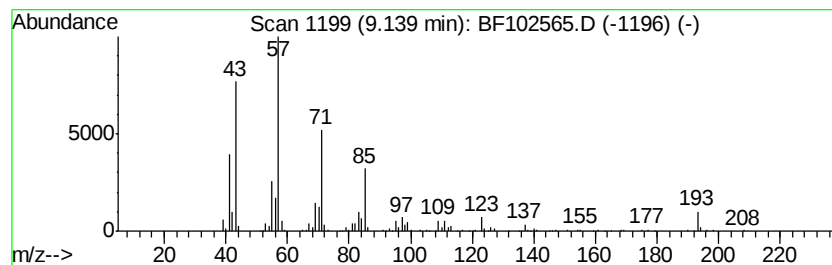
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Tetradecane Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD | R.T. |
|------|----------|--------|------------------|------|
| 9.14 | 11.58 ng | 724363 | Acenaphthene-d10 | 9.74 |

| Hit# of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|---------|---|--------------------------|-----|---------|-------------|------|
| 1       |   | Tetradecane              | 198 | C14H30  | 000629-59-4 | 95   |
| 2       |   | Tridecane, 6-methyl-     | 198 | C14H30  | 013287-21-3 | 91   |
| 3       |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 91   |
| 4       |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 90   |
| 5       |   | 9-methylheptadecane      | 254 | C18H38  | 026741-18-4 | 83   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

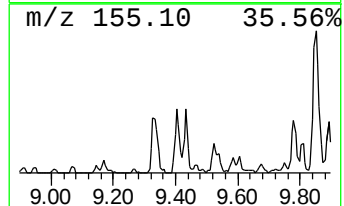
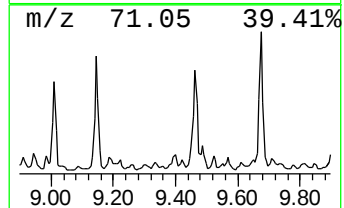
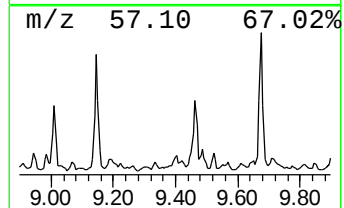
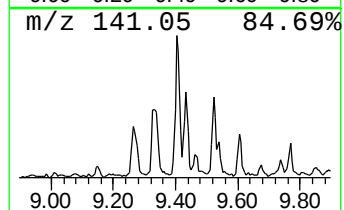
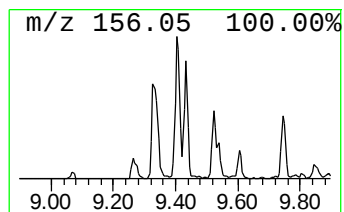
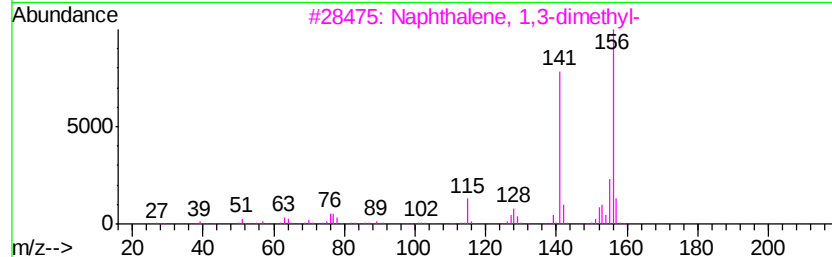
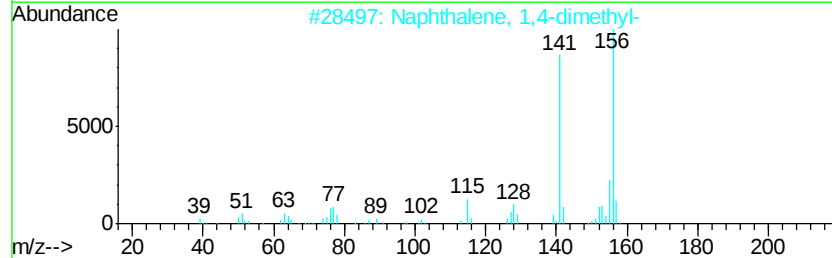
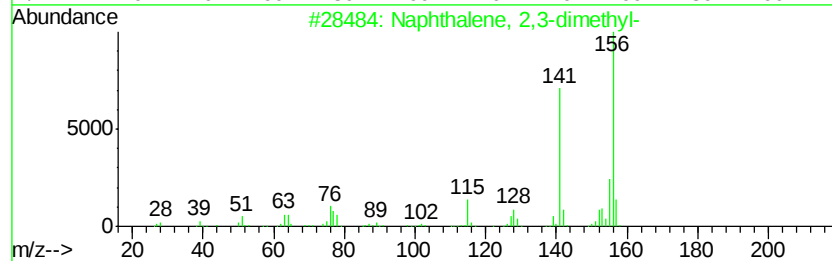
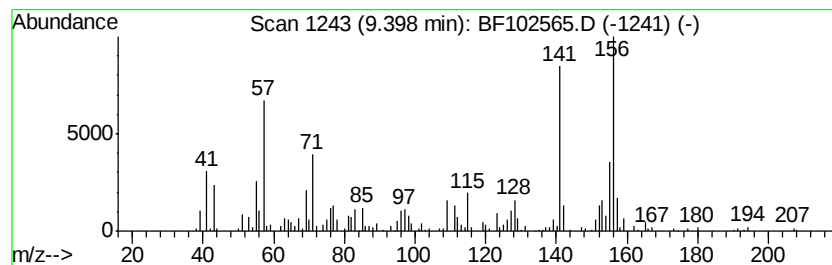
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.40 | 4.03 ng | 252157 | Acenaphthene-d10 | 9.74 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 2    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 3    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 4    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 5    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

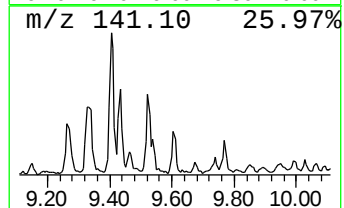
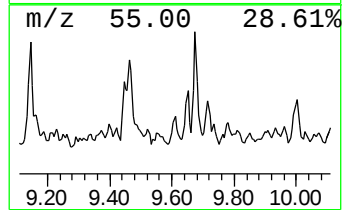
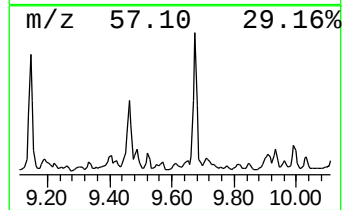
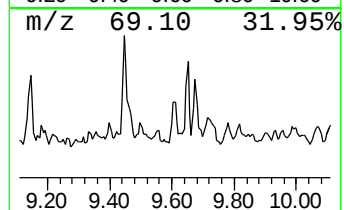
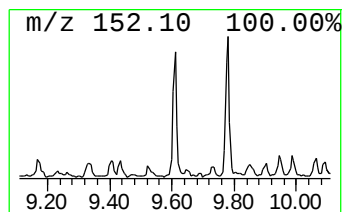
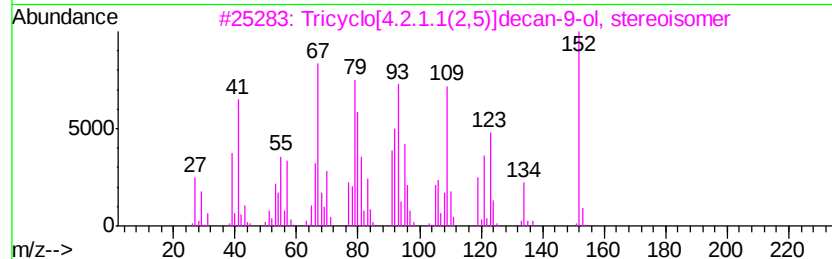
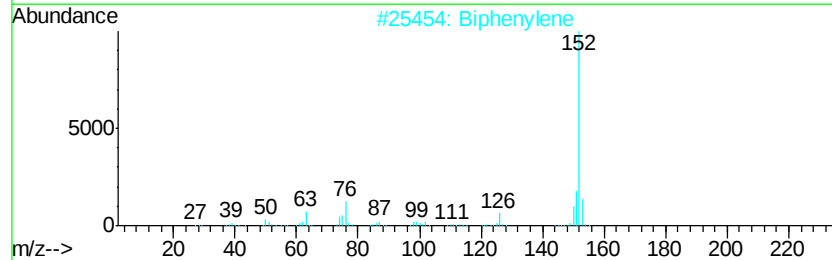
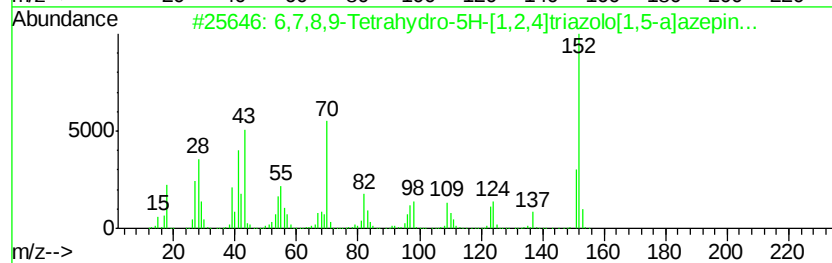
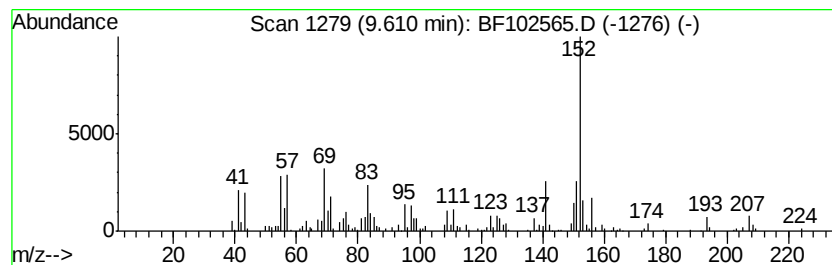
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 6,7,8,9-Tetrahydro-5H-[1,2,... Concentration Rank 19

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.61 | 3.98 ng | 248784 | Acenaphthene-d10 | 9.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 6,7,8,9-Tetrahydro-5H-[1,2,4]tri... | 152 | C7H12N4 | 052333-20-7 | 58   |
| 2    |    | Biphenylene                         | 152 | C12H8   | 000259-79-0 | 53   |
| 3    |    | Tricyclo[4.2.1.1(2,5)]decan-9-ol... | 152 | C10H16O | 066953-30-8 | 50   |
| 4    |    | 2-(2-Methyl-propenyl)-cyclohexanone | 152 | C10H16O | 065737-44-2 | 50   |
| 5    |    | 1,4-Benzenediol, 2,3,5-trimethyl-   | 152 | C9H12O2 | 000700-13-0 | 50   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

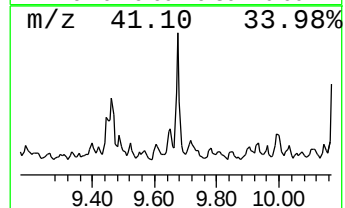
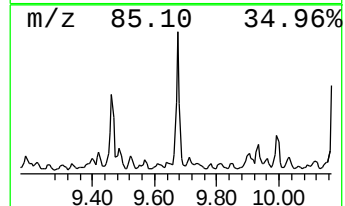
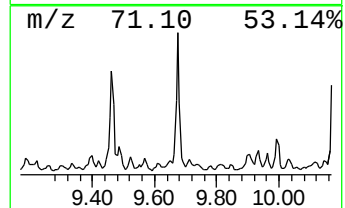
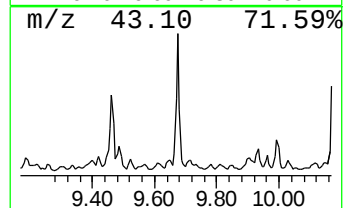
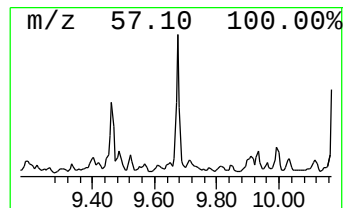
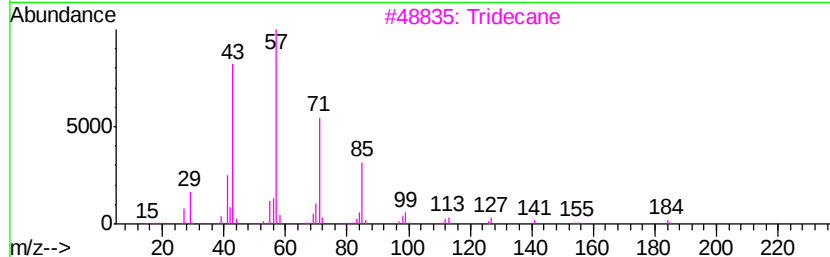
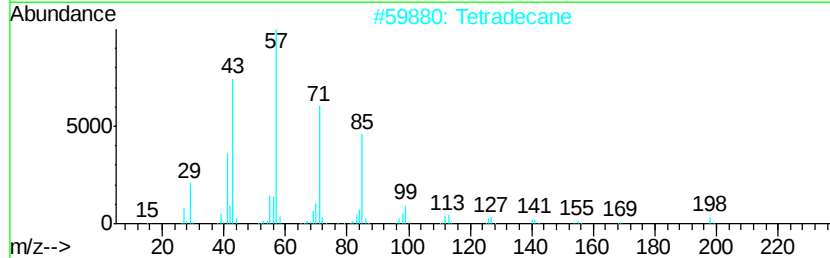
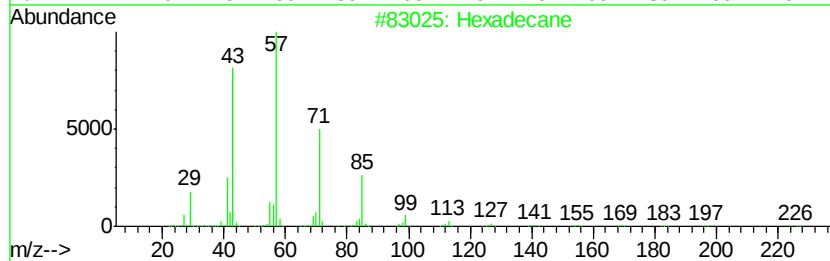
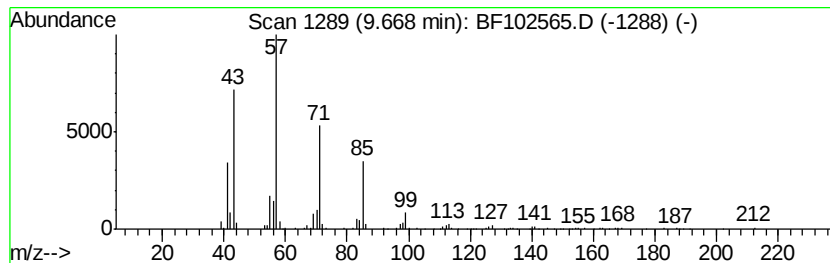
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Hexadecane Concentration Rank 6

| R.T. | EstConc  | Area   | Relative to ISTD | R.T. |
|------|----------|--------|------------------|------|
| 9.67 | 10.15 ng | 634807 | Acenaphthene-d10 | 9.74 |

| Hit# of | 5                   | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|---------------------|--------------|-----|---------|-------------|------|
| 1       | Hexadecane          |              | 226 | C16H34  | 000544-76-3 | 90   |
| 2       | Tetradecane         |              | 198 | C14H30  | 000629-59-4 | 90   |
| 3       | Tridecane           |              | 184 | C13H28  | 000629-50-5 | 90   |
| 4       | Nonadecane          |              | 268 | C19H40  | 000629-92-5 | 86   |
| 5       | 9-methylheptadecane |              | 254 | C18H38  | 026741-18-4 | 80   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

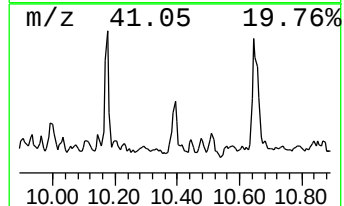
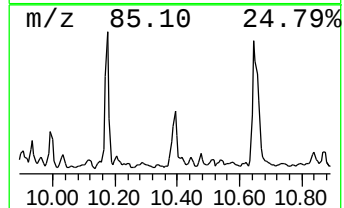
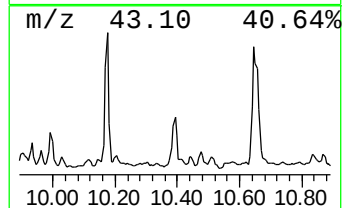
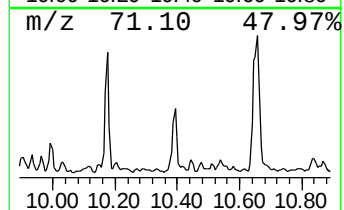
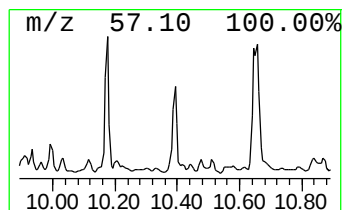
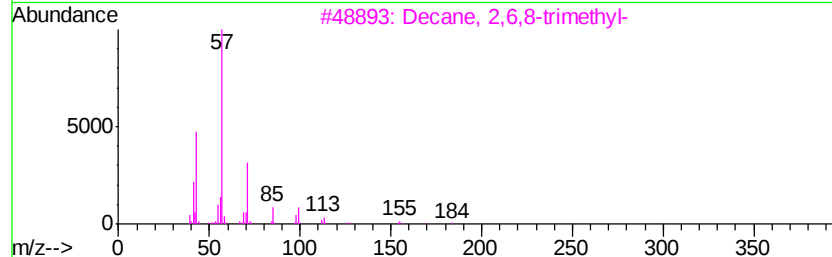
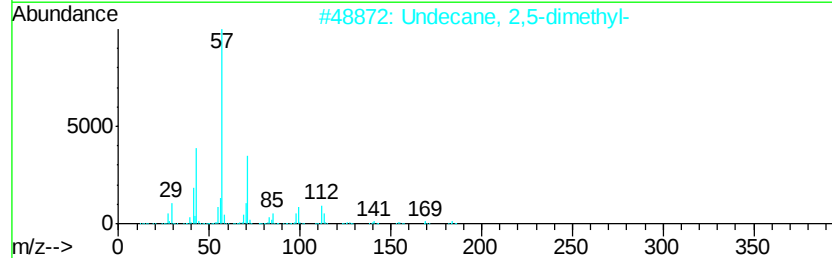
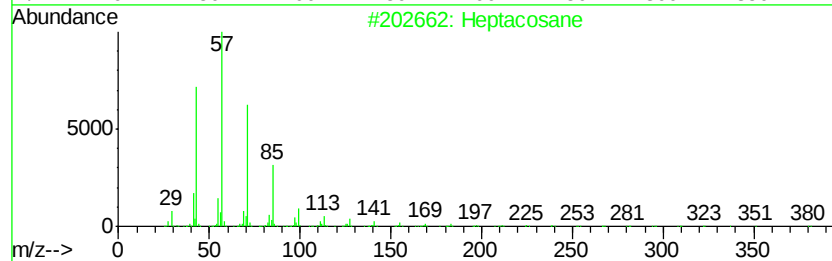
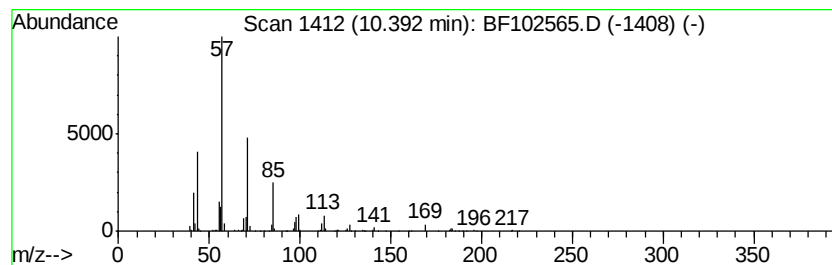
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Heptacosane Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T. |
|-------|---------|--------|------------------|------|
| 10.39 | 7.07 ng | 442241 | Acenaphthene-d10 | 9.74 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptacosane              | 380 | C27H56  | 000593-49-7 | 80   |
| 2    |    | Undecane, 2,5-dimethyl-  | 184 | C13H28  | 017301-22-3 | 76   |
| 3    |    | Decane, 2,6,8-trimethyl- | 184 | C13H28  | 062108-26-3 | 74   |
| 4    |    | Dodecane, 3-methyl-      | 184 | C13H28  | 017312-57-1 | 64   |
| 5    |    | Undecane, 2,6-dimethyl-  | 184 | C13H28  | 017301-23-4 | 62   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

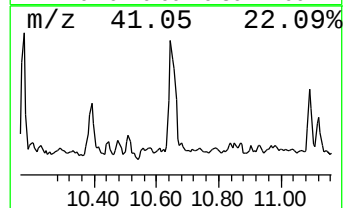
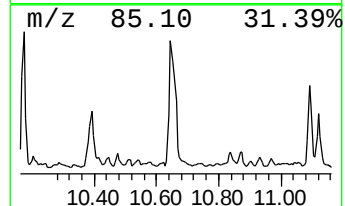
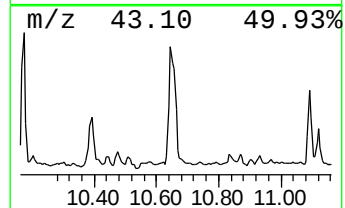
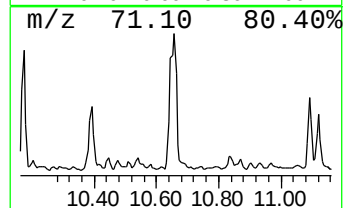
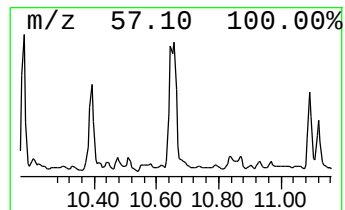
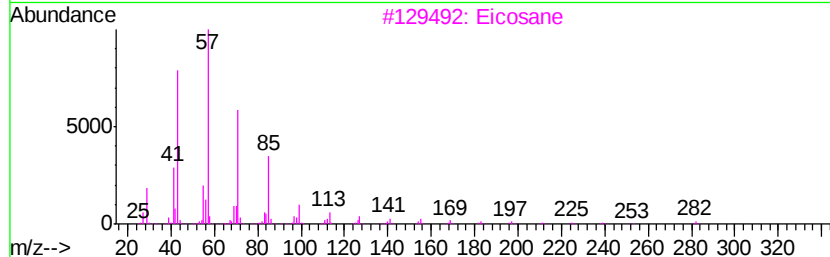
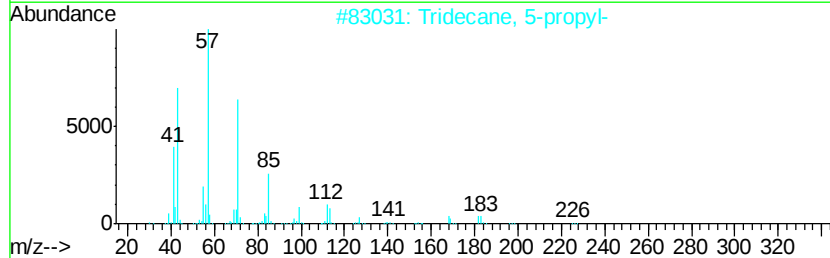
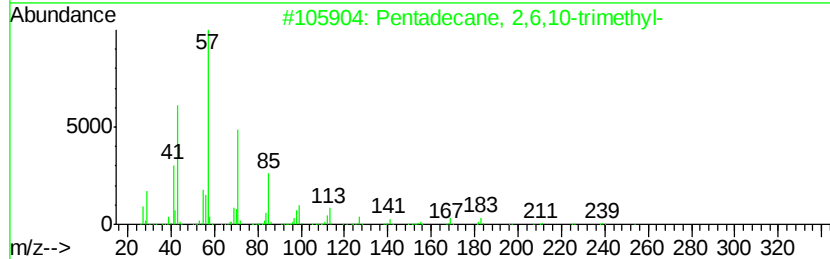
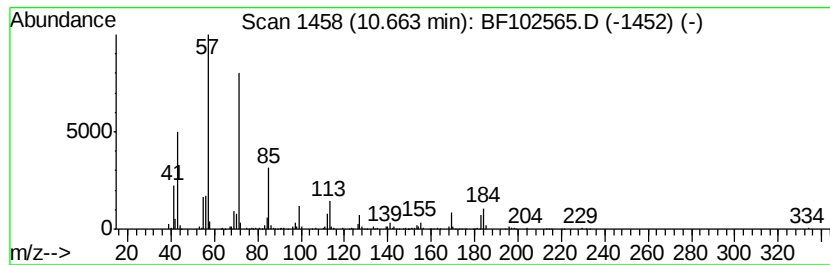
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 10.66 | 20.62 ng | 1190940 | Phenanthrene-d10 | 11.23 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 80   |
| 2    |    | Tridecane, 5-propyl-           | 226 | C16H34  | 055045-11-9 | 80   |
| 3    |    | Eicosane                       | 282 | C20H42  | 000112-95-8 | 72   |
| 4    |    | Undecane, 5-methyl-            | 170 | C12H26  | 001632-70-8 | 64   |
| 5    |    | Octadecane, 2,6-dimethyl-      | 282 | C20H42  | 075163-97-2 | 64   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

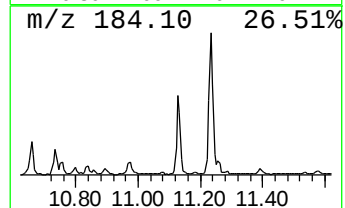
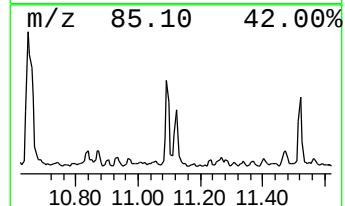
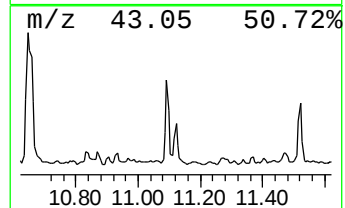
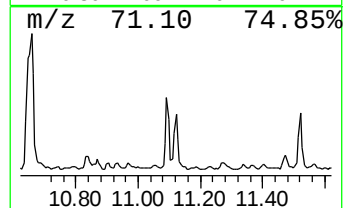
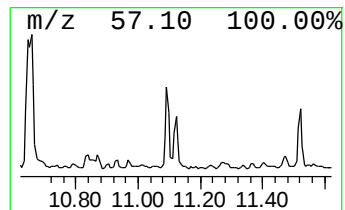
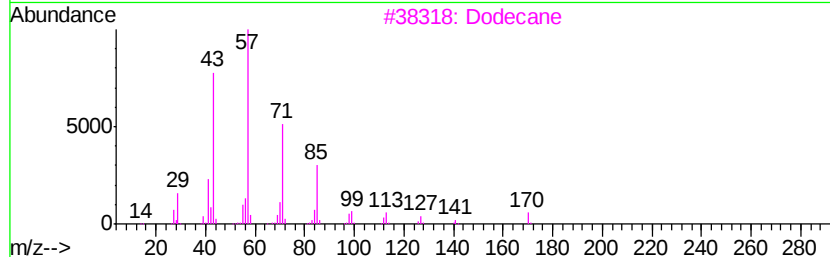
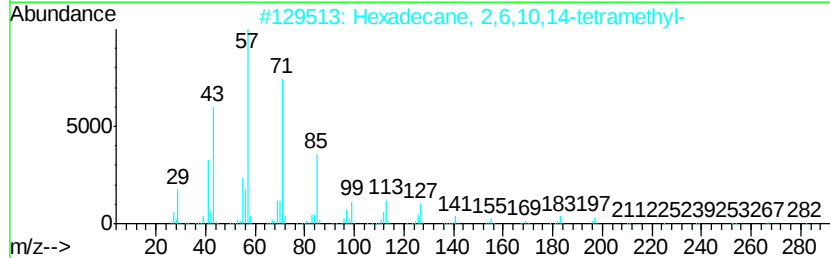
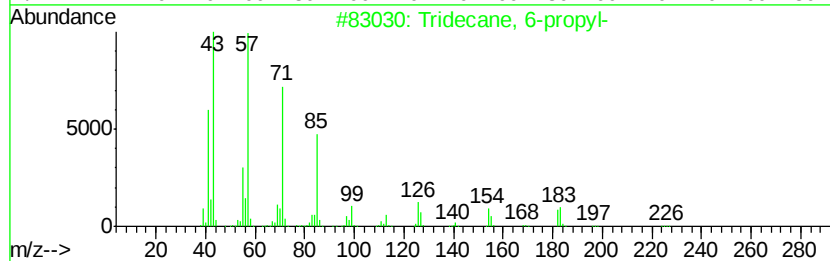
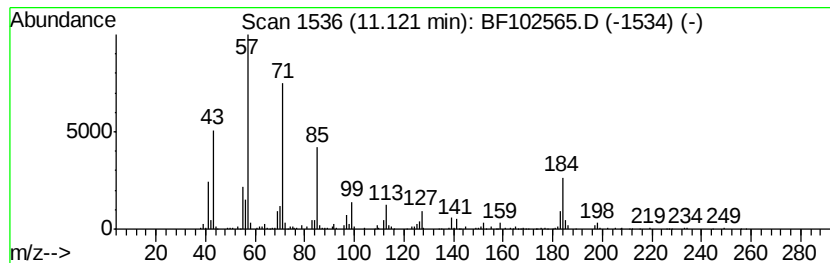
Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.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 14 Tridecane, 6-propyl- Concentration Rank 10

| R.T.      | EstConc                            | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------------------------|--------|------------------|-------------|------|
| 11.12     | 6.73 ng                            | 388922 | Phenanthrene-d10 | 11.23       |      |
| Hit# of 5 | Tentative ID                       | MW     | MolForm          | CAS#        | Qual |
| 1         | Tridecane, 6-propyl-               | 226    | C16H34           | 055045-10-8 | 87   |
| 2         | Hexadecane, 2,6,10,14-tetramethyl- | 282    | C20H42           | 000638-36-8 | 83   |
| 3         | Dodecane                           | 170    | C12H26           | 000112-40-3 | 81   |
| 4         | Bacchotricuneatin c                | 342    | C20H22O5         | 066563-30-2 | 80   |
| 5         | Hexacosane                         | 366    | C26H54           | 000630-01-3 | 80   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

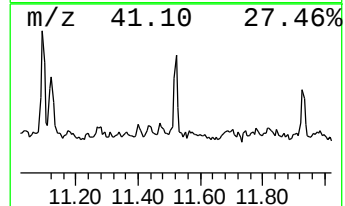
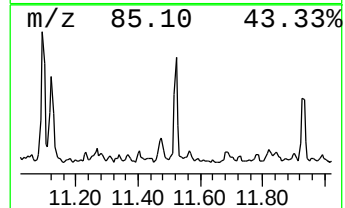
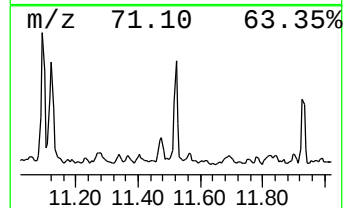
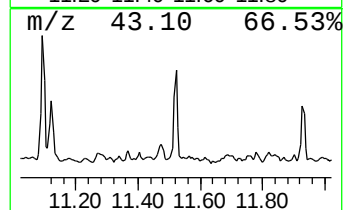
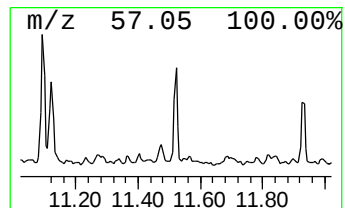
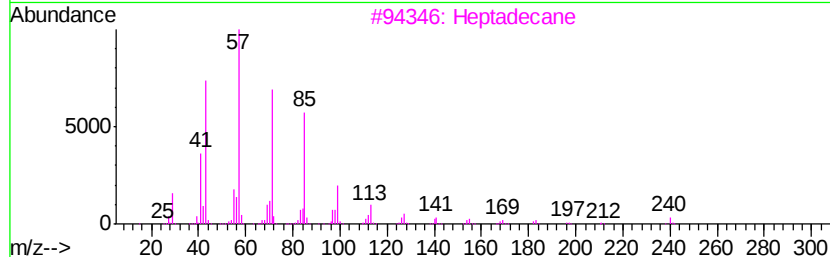
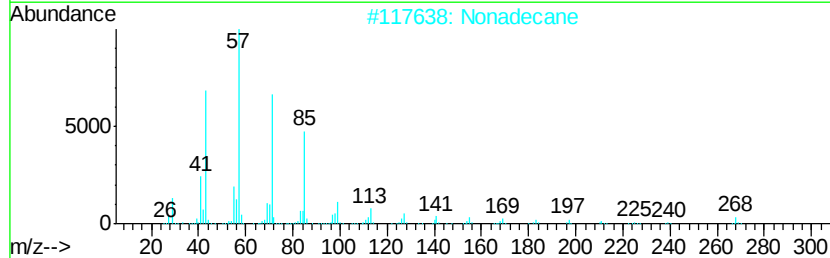
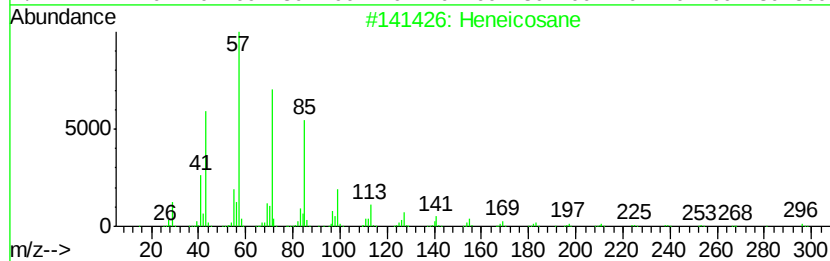
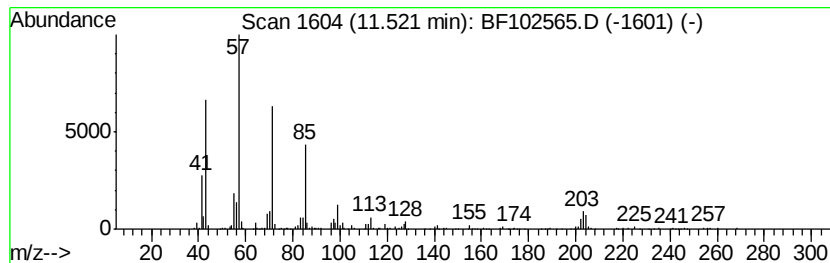
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Heneicosane Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.52 | 4.70 ng | 271333 | Phenanthrene-d10 | 11.23 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 80   |
| 2    |    |   | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 80   |
| 3    |    |   | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 72   |
| 4    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 72   |
| 5    |    |   | Decane, 1-iodo-              | 268 | C10H21I | 002050-77-3 | 64   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

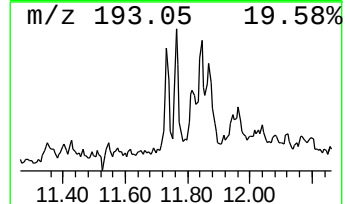
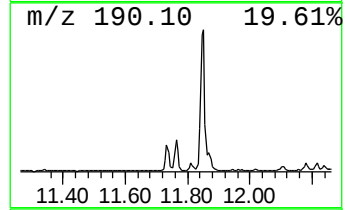
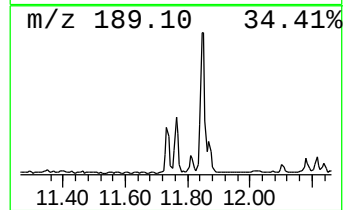
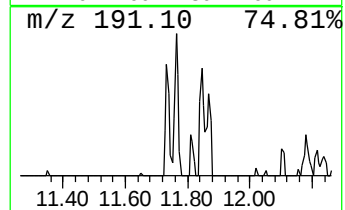
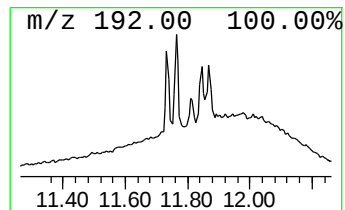
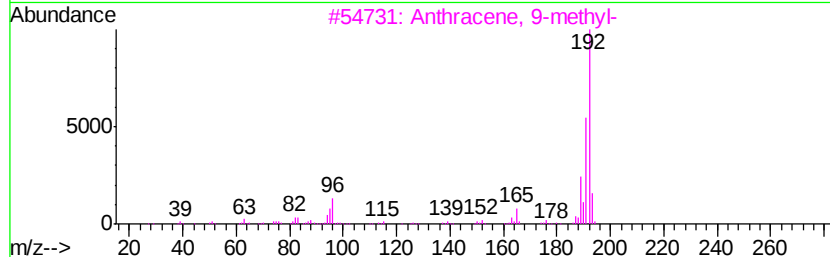
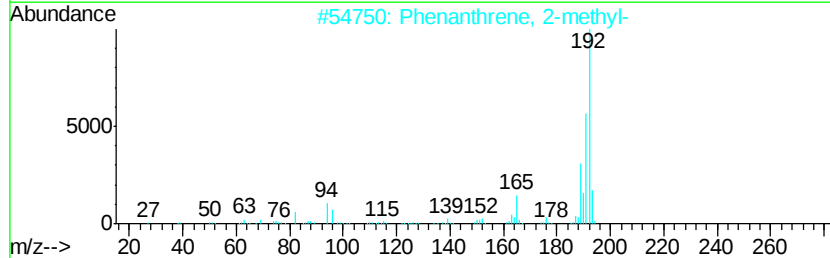
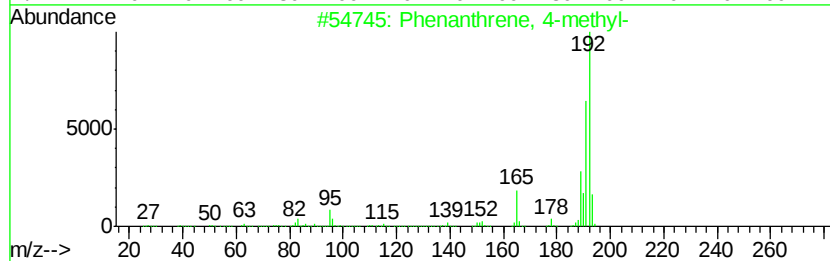
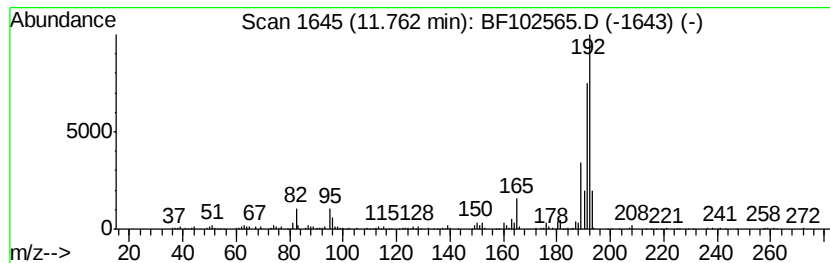
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Phenanthrene, 4-methyl- Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.76 | 3.93 ng | 226870 | Phenanthrene-d10 | 11.23 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 4-methyl- | 192 | C15H12  | 000832-64-4 | 94   |
| 2    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 91   |
| 3    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 87   |
| 4    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 86   |
| 5    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 86   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

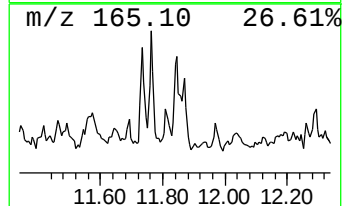
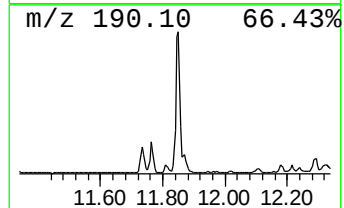
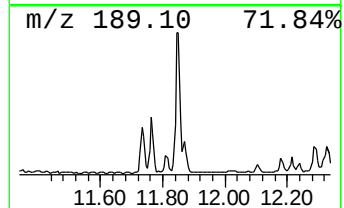
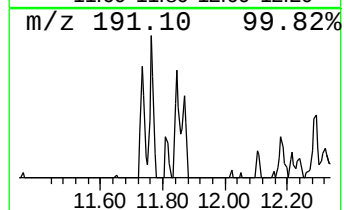
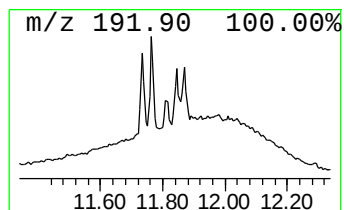
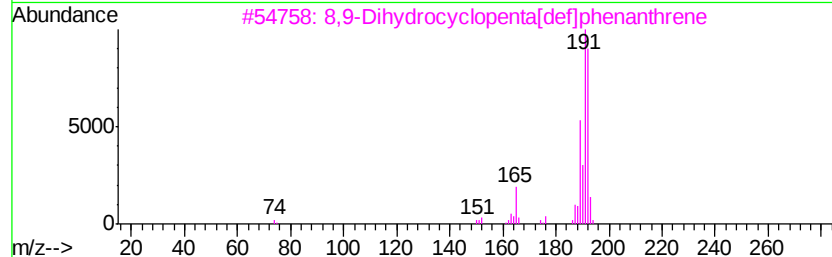
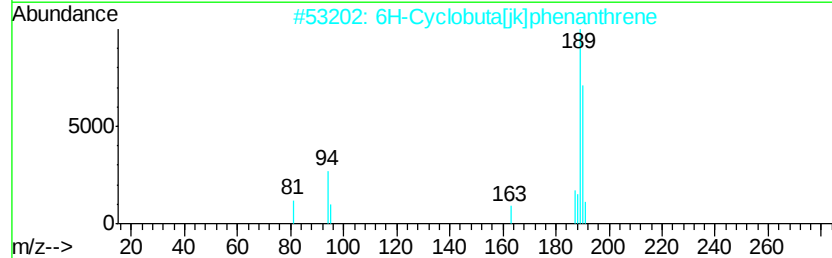
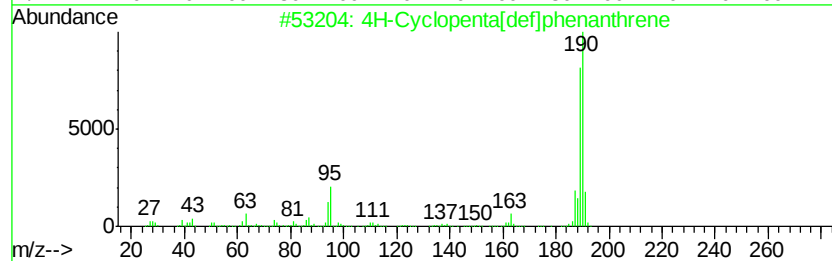
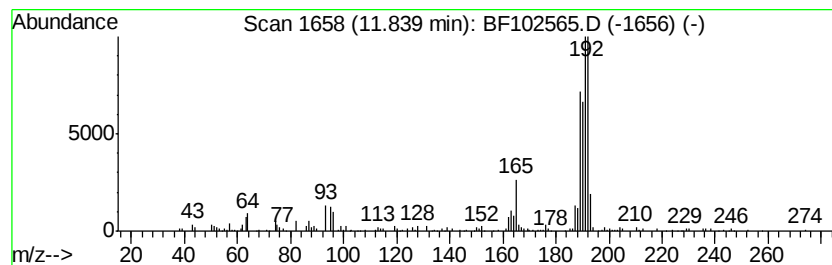
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.84 | 6.46 ng | 373365 | Phenanthrene-d10 | 11.23 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10  | 000203-64-5 | 58   |
| 2    |    |   | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10  | 083469-43-6 | 52   |
| 3    |    |   | 8,9-Dihydrocyclopenta[def]phenan... | 192 | C15H12  | 027410-55-5 | 35   |
| 4    |    |   | 5H-Dibenzo[a,d]cycloheptene         | 192 | C15H12  | 000256-81-5 | 25   |
| 5    |    |   | Phenanthrene, 4-methyl-             | 192 | C15H12  | 000832-64-4 | 25   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

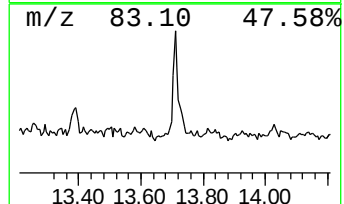
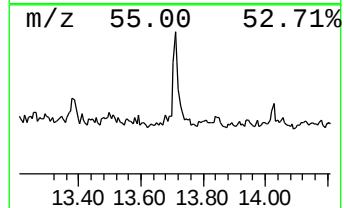
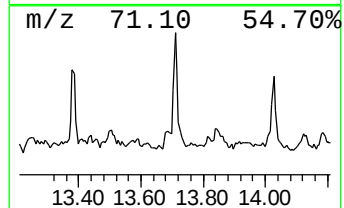
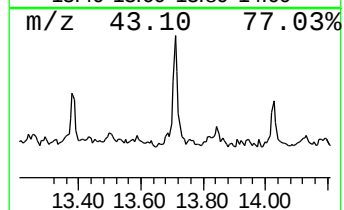
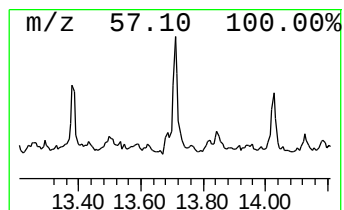
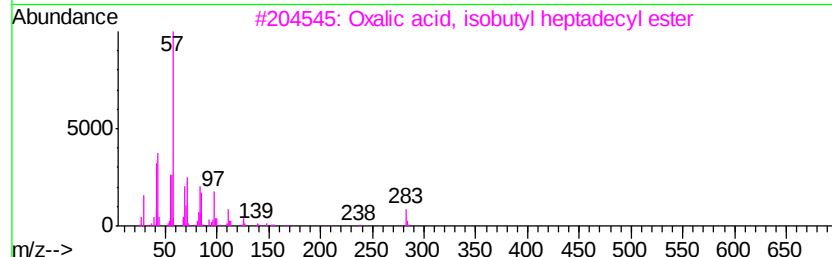
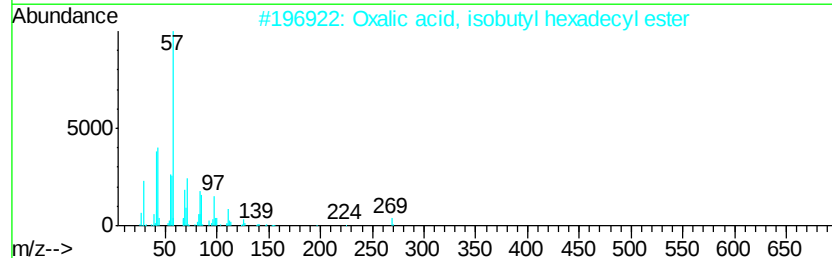
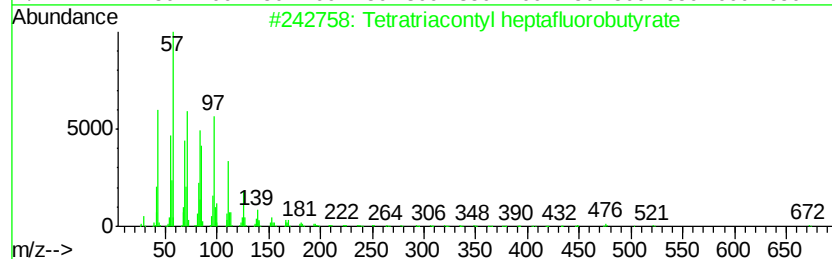
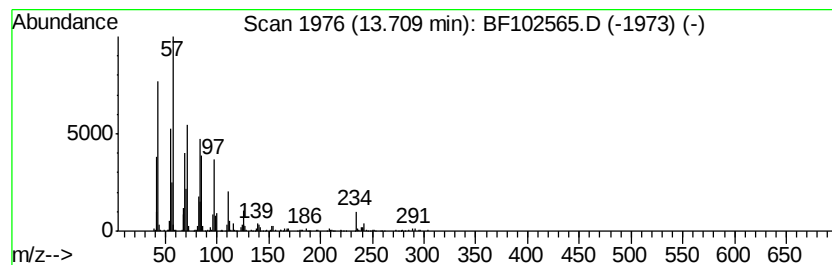
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Tetratriacontyl heptafluoro... Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.71 | 5.44 ng | 435948 | Chrysene-d12     | 13.87 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Tetratriacontyl heptafluorobutyrate | 691 | C38H69F7O2 | 1000351-84-1 | 91   |
| 2    |    | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4   | 1000309-38-1 | 91   |
| 3    |    | Oxalic acid, isobutyl heptadecyl... | 384 | C23H44O4   | 1000309-38-2 | 91   |
| 4    |    | Octacosyl trifluoroacetate          | 506 | C30H57F3O2 | 1000351-74-9 | 87   |
| 5    |    | Tricosyl heptafluorobutyrate        | 536 | C27H47F7O2 | 1000351-83-4 | 83   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\  
Data File : BF102565.D  
Acq On : 28 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1290-20  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

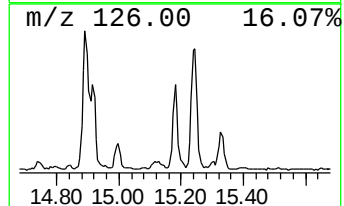
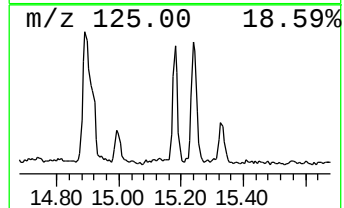
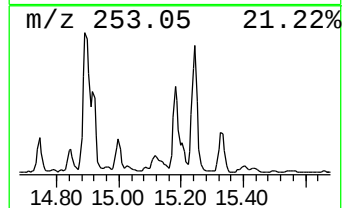
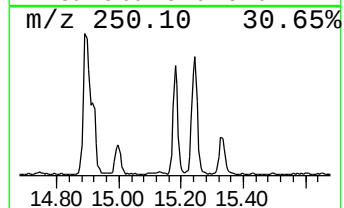
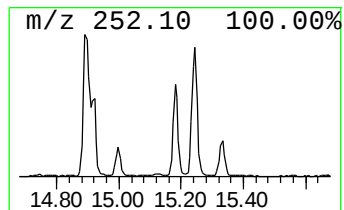
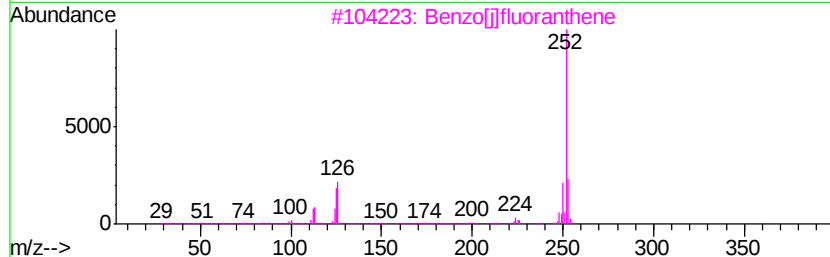
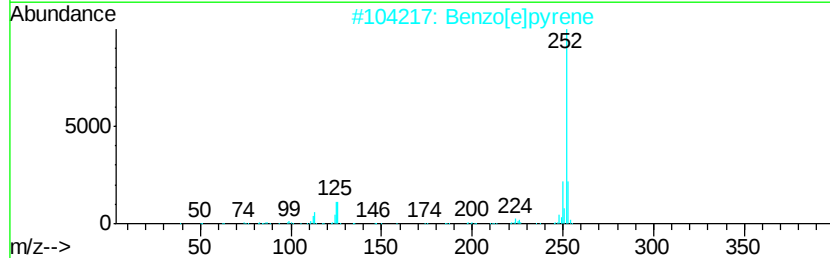
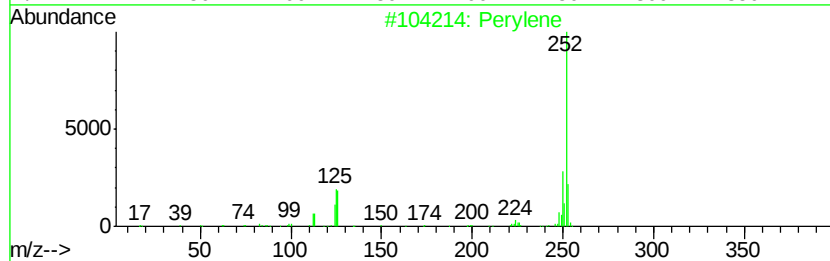
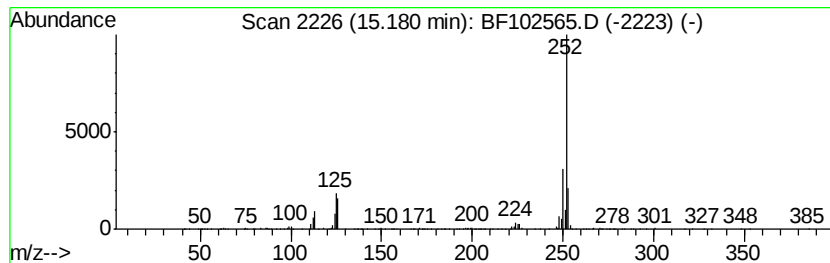
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Perylene Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.18 | 10.35 ng | 432167 | Perylene-d12     | 15.30 |

| Hit# of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|---------|---|---------------------------|-----|---------|-------------|------|
| 1       |   | Perylene                  | 252 | C20H12  | 000198-55-0 | 99   |
| 2       |   | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 98   |
| 3       |   | Benzo[i]fluoranthene      | 252 | C20H12  | 000205-82-3 | 98   |
| 4       |   | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 98   |
| 5       |   | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 95   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012818\  
 Data File : BF102565.D  
 Acq On : 28 Jan 2018 18:49  
 Operator : SJ/JU  
 Sample : J1290-20  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-45-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.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 |
| unknown6.49          | 6.49  | 79.6    | ng    | 3674520  | 1                     | 6.71  | 923681  | 20.0 |
| Decane, 2,6,7-tri... | 8.41  | 4.4     | ng    | 273606   | 2                     | 7.99  | 1239080 | 20.0 |
| Tridecane            | 8.58  | 8.0     | ng    | 496334   | 2                     | 7.99  | 1239080 | 20.0 |
| Dodecane, 2,6,11-... | 9.01  | 4.8     | ng    | 302462   | 3                     | 9.74  | 1250810 | 20.0 |
| Tetradecane          | 9.14  | 11.6    | ng    | 724363   | 3                     | 9.74  | 1250810 | 20.0 |
| Naphthalene, 2,3-... | 9.40  | 4.0     | ng    | 252157   | 3                     | 9.74  | 1250810 | 20.0 |
| 6,7,8,9-Tetrahydr... | 9.61  | 4.0     | ng    | 248784   | 3                     | 9.74  | 1250810 | 20.0 |
| Hexadecane           | 9.67  | 10.2    | ng    | 634807   | 3                     | 9.74  | 1250810 | 20.0 |
| Heptacosane          | 10.39 | 7.1     | ng    | 442241   | 3                     | 9.74  | 1250810 | 20.0 |
| Pentadecane, 2,6,... | 10.66 | 20.6    | ng    | 1190940  | 4                     | 11.23 | 1155330 | 20.0 |
| Tridecane, 6-propyl- | 11.12 | 6.7     | ng    | 388922   | 4                     | 11.23 | 1155330 | 20.0 |
| Heneicosane          | 11.52 | 4.7     | ng    | 271333   | 4                     | 11.23 | 1155330 | 20.0 |
| Phenanthrene, 4-m... | 11.76 | 3.9     | ng    | 226870   | 4                     | 11.23 | 1155330 | 20.0 |
| 4H-Cyclopenta[def... | 11.84 | 6.5     | ng    | 373365   | 4                     | 11.23 | 1155330 | 20.0 |
| Tetratriacontyl h... | 13.71 | 5.4     | ng    | 435948   | 5                     | 13.87 | 1602380 | 20.0 |
| Perylene             | 15.18 | 10.4    | ng    | 432167   | 6                     | 15.30 | 835208  | 20.0 |