

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
 Data File : BF142112.D  
 Acq On : 26 Mar 2025 22:35  
 Operator : RC/JU  
 Sample : Q1637-01 2X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-01-032525

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142112.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.075       | 497           | 507         | 515          | rVB      | 68682          | 106881        | 4.18%           | 0.291%        |
| 2         | 5.475       | 570           | 575         | 587          | rBV      | 880801         | 1205558       | 47.14%          | 3.277%        |
| 3         | 6.122       | 680           | 685         | 691          | rBV4     | 17858          | 33405         | 1.31%           | 0.091%        |
| 4         | 6.404       | 729           | 733         | 739          | rBV2     | 26983          | 41988         | 1.64%           | 0.114%        |
| 5         | 6.487       | 739           | 747         | 755          | rBV      | 932530         | 1249798       | 48.87%          | 3.397%        |
| 6         | 6.610       | 763           | 768         | 773          | rBV6     | 15648          | 31126         | 1.22%           | 0.085%        |
| 7         | 6.704       | 779           | 784         | 791          | rBV2     | 89176          | 125109        | 4.89%           | 0.340%        |
| 8         | 6.869       | 807           | 812         | 818          | rBV      | 707432         | 898345        | 35.13%          | 2.442%        |
| 9         | 6.928       | 818           | 822         | 826          | rVB      | 31230          | 35862         | 1.40%           | 0.097%        |
| 10        | 7.016       | 833           | 837         | 841          | rBV2     | 34159          | 41029         | 1.60%           | 0.112%        |
| 11        | 7.140       | 852           | 858         | 862          | rBV4     | 65844          | 89365         | 3.49%           | 0.243%        |
| 12        | 7.187       | 862           | 866         | 873          | rVB3     | 49214          | 111716        | 4.37%           | 0.304%        |
| 13        | 7.257       | 873           | 878         | 883          | rBV2     | 69904          | 125165        | 4.89%           | 0.340%        |
| 14        | 7.351       | 888           | 894         | 897          | rBV3     | 18485          | 36143         | 1.41%           | 0.098%        |
| 15        | 7.428       | 897           | 907         | 910          | rBV      | 616098         | 930146        | 36.37%          | 2.528%        |
| 16        | 7.463       | 910           | 913         | 917          | rVB      | 219609         | 273540        | 10.70%          | 0.744%        |
| 17        | 7.516       | 917           | 922         | 925          | rBV4     | 72851          | 108249        | 4.23%           | 0.294%        |
| 18        | 7.557       | 925           | 929         | 930          | rBV2     | 30536          | 39908         | 1.56%           | 0.108%        |
| 19        | 7.669       | 941           | 948         | 957          | rVB5     | 81694          | 228024        | 8.92%           | 0.620%        |
| 20        | 7.769       | 958           | 965         | 967          | rBV4     | 50238          | 108415        | 4.24%           | 0.295%        |
| 21        | 7.798       | 967           | 970         | 973          | rVB3     | 42860          | 58051         | 2.27%           | 0.158%        |
| 22        | 7.892       | 979           | 986         | 992          | rBV5     | 125065         | 289687        | 11.33%          | 0.787%        |
| 23        | 7.945       | 992           | 995         | 996          | rBV2     | 26872          | 25746         | 1.01%           | 0.070%        |
| 24        | 8.022       | 1005          | 1008        | 1011         | rBV2     | 40304          | 44330         | 1.73%           | 0.121%        |
| 25        | 8.151       | 1022          | 1030        | 1036         | rBV2     | 869879         | 1640891       | 64.16%          | 4.461%        |
| 26        | 8.204       | 1036          | 1039        | 1043         | rVB2     | 122489         | 161405        | 6.31%           | 0.439%        |
| 27        | 8.239       | 1043          | 1045        | 1052         | rVB4     | 70675          | 96875         | 3.79%           | 0.263%        |
| 28        | 8.328       | 1053          | 1060        | 1061         | rBV3     | 49239          | 105887        | 4.14%           | 0.288%        |
| 29        | 8.351       | 1061          | 1064        | 1068         | rVB2     | 81444          | 100458        | 3.93%           | 0.273%        |
| 30        | 8.439       | 1075          | 1079        | 1085         | rBV6     | 111314         | 170794        | 6.68%           | 0.464%        |
| 31        | 8.498       | 1086          | 1089        | 1091         | rBV3     | 35951          | 42160         | 1.65%           | 0.115%        |
| 32        | 8.528       | 1091          | 1094        | 1098         | rVB3     | 74811          | 90965         | 3.56%           | 0.247%        |
| 33        | 8.569       | 1098          | 1101        | 1107         | rBV2     | 145775         | 226027        | 8.84%           | 0.614%        |
| 34        | 8.657       | 1112          | 1116        | 1119         | rBV      | 142192         | 180695        | 7.07%           | 0.491%        |
| 35        | 8.692       | 1119          | 1122        | 1126         | rBV3     | 35151          | 53075         | 2.08%           | 0.144%        |
| 36        | 8.739       | 1126          | 1130        | 1134         | rBV      | 412019         | 499781        | 19.54%          | 1.359%        |

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 Sample : Q1637-01 2X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-01-032525

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-BF031025.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 8.969  | 1165 | 1169 | 1173 | rBV3 | 166409  | 228738  | 8.94%  | 0.622% |
| 38 | 9.104  | 1188 | 1192 | 1196 | rVB4 | 86398   | 140313  | 5.49%  | 0.381% |
| 39 | 9.145  | 1196 | 1199 | 1200 | rBV2 | 46949   | 49574   | 1.94%  | 0.135% |
| 40 | 9.169  | 1200 | 1203 | 1208 | rVV5 | 175844  | 246627  | 9.64%  | 0.670% |
| 41 | 9.222  | 1208 | 1212 | 1217 | rVB  | 1138616 | 1435222 | 56.12% | 3.901% |
| 42 | 9.304  | 1222 | 1226 | 1231 | rBV  | 497471  | 672383  | 26.29% | 1.828% |
| 43 | 9.375  | 1236 | 1238 | 1244 | rVB  | 97895   | 116723  | 4.56%  | 0.317% |
| 44 | 9.492  | 1254 | 1258 | 1262 | rVB2 | 80193   | 128426  | 5.02%  | 0.349% |
| 45 | 9.563  | 1267 | 1270 | 1272 | rVV2 | 88654   | 114318  | 4.47%  | 0.311% |
| 46 | 9.622  | 1276 | 1280 | 1283 | rBV3 | 171579  | 233166  | 9.12%  | 0.634% |
| 47 | 9.681  | 1288 | 1290 | 1295 | rVB3 | 111086  | 137469  | 5.38%  | 0.374% |
| 48 | 9.769  | 1302 | 1305 | 1309 | rBV3 | 65413   | 88228   | 3.45%  | 0.240% |
| 49 | 9.833  | 1312 | 1316 | 1320 | rVB  | 388855  | 489194  | 19.13% | 1.330% |
| 50 | 9.904  | 1323 | 1328 | 1332 | rVV  | 861835  | 1151500 | 45.03% | 3.130% |
| 51 | 9.939  | 1332 | 1334 | 1338 | rVB  | 154827  | 157749  | 6.17%  | 0.429% |
| 52 | 10.010 | 1343 | 1346 | 1350 | rVB2 | 51291   | 62888   | 2.46%  | 0.171% |
| 53 | 10.110 | 1359 | 1363 | 1367 | rVB  | 134419  | 199165  | 7.79%  | 0.541% |
| 54 | 10.151 | 1367 | 1370 | 1375 | rVB4 | 87709   | 122748  | 4.80%  | 0.334% |
| 55 | 10.222 | 1379 | 1382 | 1385 | rBV3 | 63005   | 94407   | 3.69%  | 0.257% |
| 56 | 10.333 | 1395 | 1401 | 1405 | rBV  | 314668  | 426866  | 16.69% | 1.160% |
| 57 | 10.451 | 1417 | 1421 | 1427 | rBV  | 252588  | 361085  | 14.12% | 0.982% |
| 58 | 10.551 | 1434 | 1438 | 1444 | rVB  | 118902  | 210924  | 8.25%  | 0.573% |
| 59 | 10.616 | 1445 | 1449 | 1456 | rVB  | 314451  | 416884  | 16.30% | 1.133% |
| 60 | 10.692 | 1457 | 1462 | 1467 | rVB  | 679534  | 858926  | 33.59% | 2.335% |
| 61 | 10.810 | 1478 | 1482 | 1490 | rVB2 | 295784  | 501540  | 19.61% | 1.363% |
| 62 | 10.998 | 1511 | 1514 | 1517 | rBV3 | 60516   | 83391   | 3.26%  | 0.227% |
| 63 | 11.257 | 1553 | 1558 | 1560 | rBV2 | 169690  | 241375  | 9.44%  | 0.656% |
| 64 | 11.286 | 1560 | 1563 | 1569 | rVB  | 173308  | 250313  | 9.79%  | 0.680% |
| 65 | 11.392 | 1576 | 1581 | 1583 | rBV  | 779059  | 1088893 | 42.58% | 2.960% |
| 66 | 11.416 | 1583 | 1585 | 1590 | rVV  | 1305769 | 1519338 | 59.41% | 4.130% |
| 67 | 11.469 | 1590 | 1594 | 1598 | rVB  | 327747  | 403922  | 15.79% | 1.098% |
| 68 | 11.622 | 1615 | 1620 | 1626 | rBV2 | 148548  | 256798  | 10.04% | 0.698% |
| 69 | 11.680 | 1627 | 1630 | 1635 | rBV2 | 139334  | 196427  | 7.68%  | 0.534% |
| 70 | 11.780 | 1644 | 1647 | 1651 | rBV  | 67556   | 77136   | 3.02%  | 0.210% |
| 71 | 11.922 | 1663 | 1671 | 1676 | rBV2 | 567811  | 956076  | 37.38% | 2.599% |
| 72 | 11.969 | 1677 | 1679 | 1682 | rVV  | 79603   | 98007   | 3.83%  | 0.266% |
| 73 | 12.010 | 1682 | 1686 | 1693 | rVB2 | 299624  | 538969  | 21.07% | 1.465% |
| 74 | 12.092 | 1696 | 1700 | 1704 | rVB2 | 109208  | 139062  | 5.44%  | 0.378% |
| 75 | 12.192 | 1713 | 1717 | 1720 | rBV  | 85399   | 117578  | 4.60%  | 0.320% |
| 76 | 12.445 | 1757 | 1760 | 1761 | rBV  | 92491   | 98852   | 3.87%  | 0.269% |

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Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

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-BF031025.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 12.480 | 1761 | 1766 | 1772 | rVB3 | 268440  | 568585  | 22.23%  | 1.546% |
| 78 | 12.610 | 1783 | 1788 | 1800 | rBV  | 1684030 | 2557452 | 100.00% | 6.952% |
| 79 | 12.704 | 1800 | 1804 | 1809 | rBV2 | 136606  | 186323  | 7.29%   | 0.506% |
| 80 | 12.839 | 1820 | 1827 | 1833 | rBV  | 1348628 | 2151902 | 84.14%  | 5.850% |
| 81 | 12.974 | 1846 | 1850 | 1858 | rVB  | 1029374 | 1504401 | 58.82%  | 4.090% |
| 82 | 13.163 | 1879 | 1882 | 1886 | rVB  | 251388  | 306867  | 12.00%  | 0.834% |
| 83 | 13.227 | 1891 | 1893 | 1896 | rVV  | 196393  | 236428  | 9.24%   | 0.643% |
| 84 | 13.269 | 1897 | 1900 | 1908 | rVB3 | 133502  | 235593  | 9.21%   | 0.640% |
| 85 | 14.027 | 2024 | 2029 | 2033 | rBV2 | 1111352 | 1956434 | 76.50%  | 5.318% |
| 86 | 15.080 | 2203 | 2208 | 2216 | rBV  | 501439  | 1133179 | 44.31%  | 3.080% |
| 87 | 15.445 | 2266 | 2270 | 2277 | rBV  | 380419  | 655107  | 25.62%  | 1.781% |
| 88 | 15.510 | 2277 | 2281 | 2293 | rVB2 | 432692  | 976789  | 38.19%  | 2.655% |

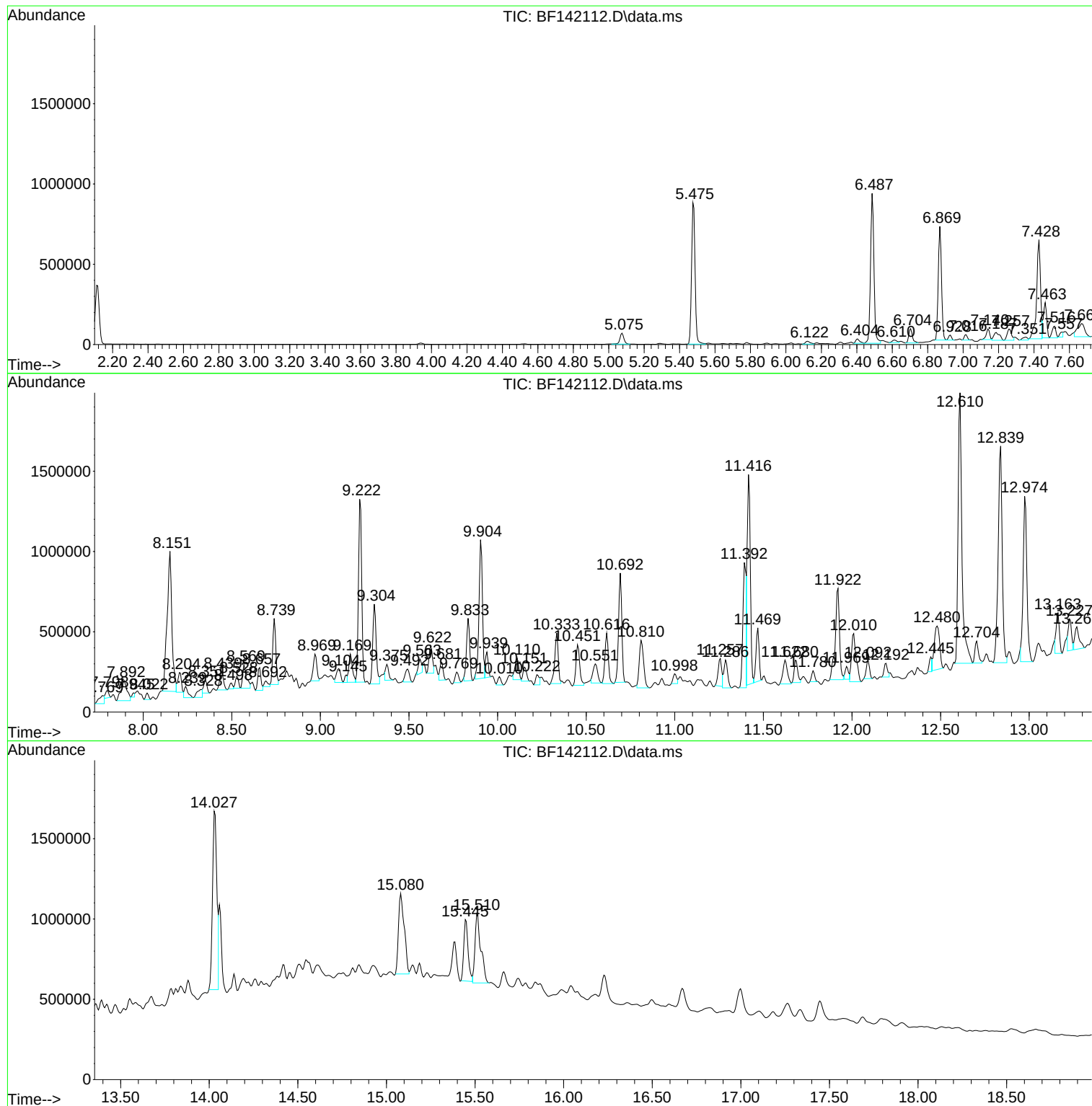
Sum of corrected areas: 36786859

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

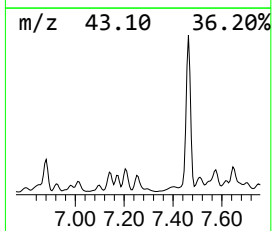
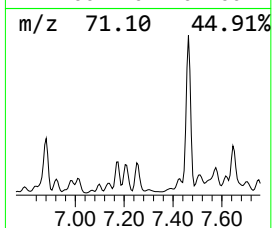
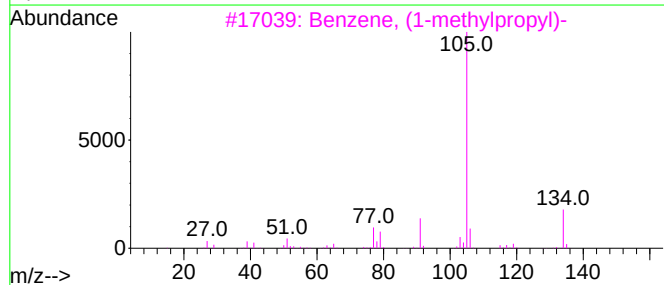
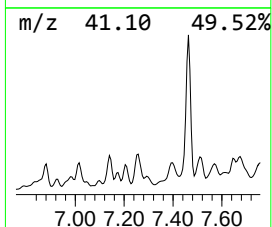
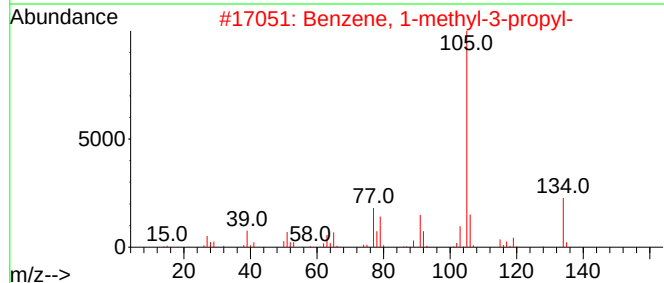
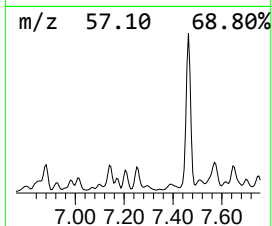
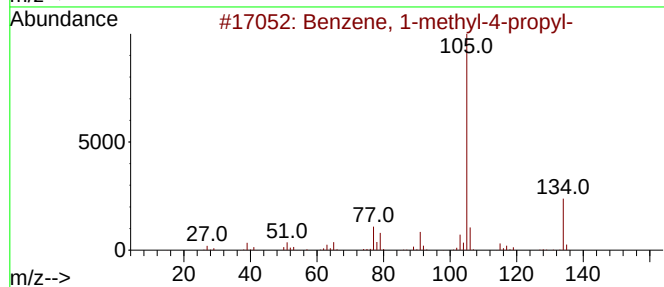
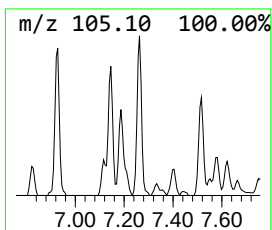
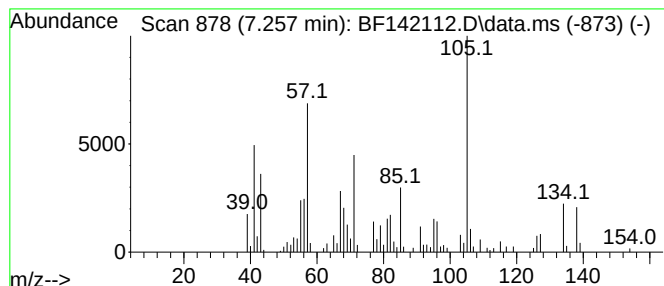
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Benzene, 1-methyl-4-propyl- Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.257 | 2.79 ng | 125165 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 53   |
| 2    |    |   | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 25   |
| 3    |    |   | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 25   |
| 4    |    |   | 2-Tolyloxirane              | 134 | C9H10O  | 002783-26-8 | 25   |
| 5    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 25   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

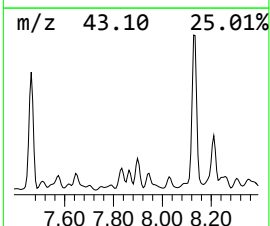
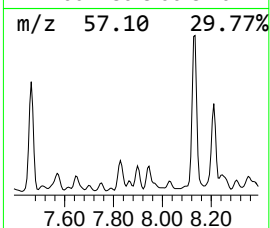
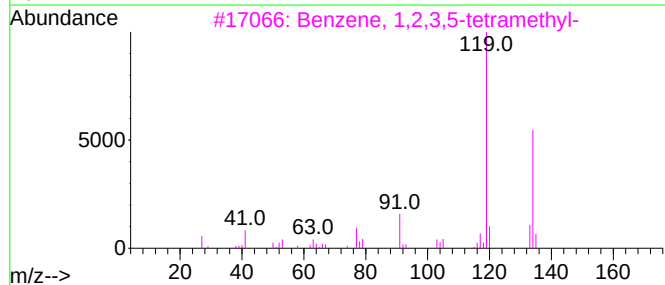
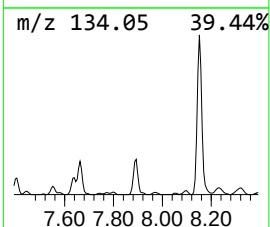
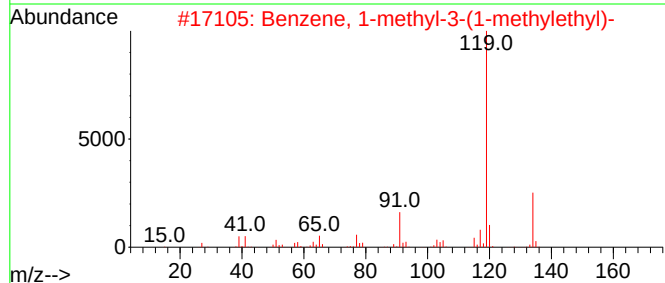
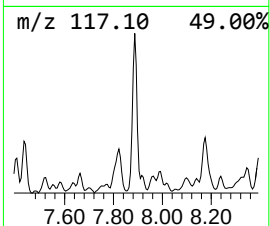
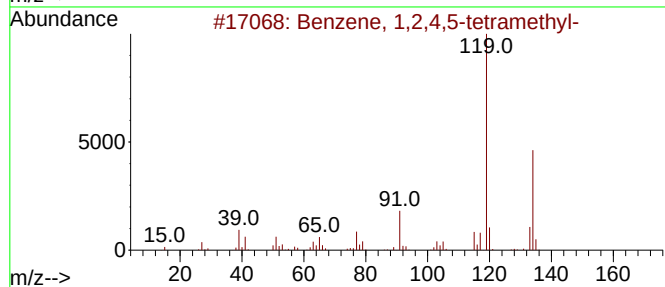
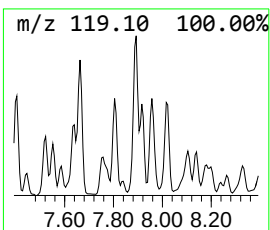
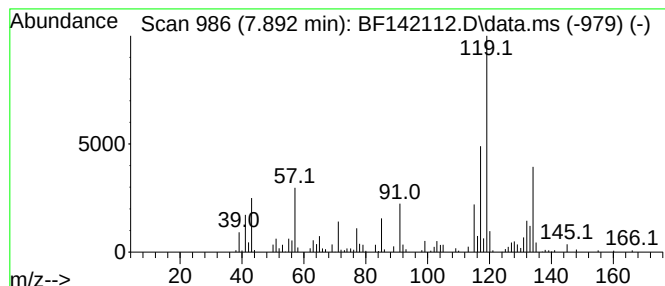
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 7.892 | 3.53 ng | 289687 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl-        | 134 | C10H14  | 000095-93-2 | 64   |
| 2    |    |   | Benzene, 1-methyl-3-(1-methylethyl)- | 134 | C10H14  | 000535-77-3 | 64   |
| 3    |    |   | Benzene, 1,2,3,5-tetramethyl-        | 134 | C10H14  | 000527-53-7 | 64   |
| 4    |    |   | o-Cymene                             | 134 | C10H14  | 000527-84-4 | 64   |
| 5    |    |   | p-Cymene                             | 134 | C10H14  | 000099-87-6 | 64   |



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ClientSampleId :  
EO-01-032525

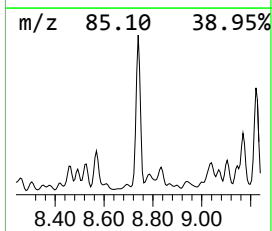
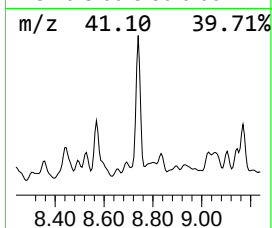
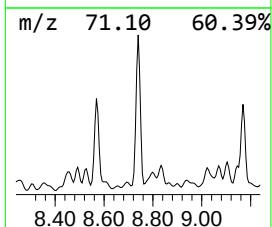
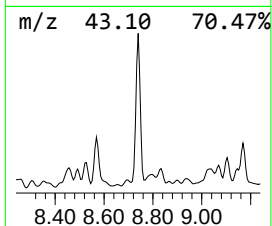
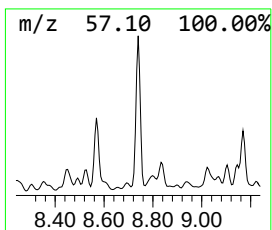
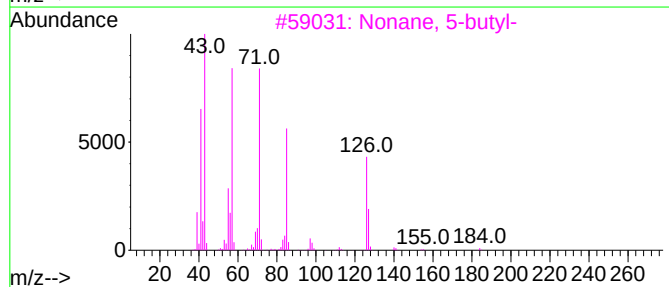
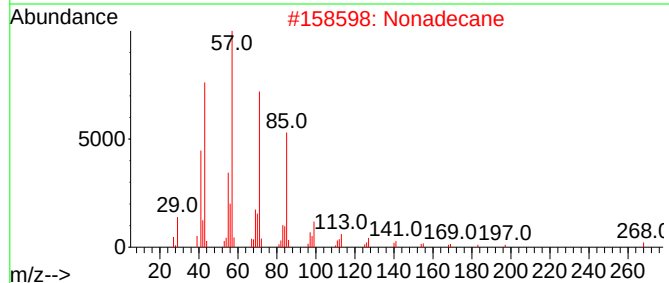
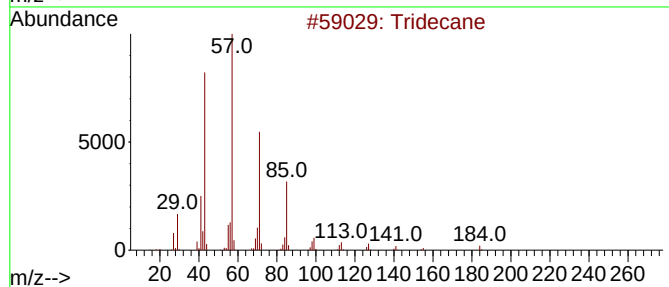
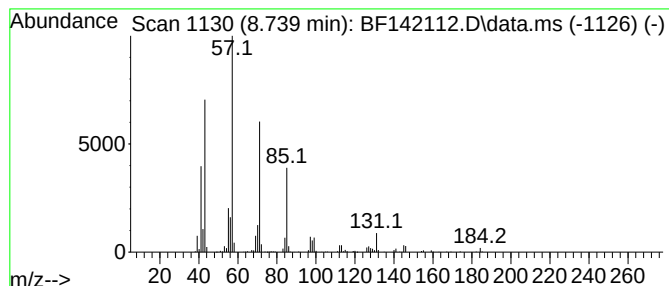
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Tridecane Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.739 | 6.09 ng | 499781 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 96   |
| 2    |    |   | Nonadecane               | 268 | C19H40  | 000629-92-5 | 90   |
| 3    |    |   | Nonane, 5-butyl-         | 184 | C13H28  | 017312-63-9 | 72   |
| 4    |    |   | Heptadecane              | 240 | C17H36  | 000629-78-7 | 72   |
| 5    |    |   | Decane, 2,4,6-trimethyl- | 184 | C13H28  | 062108-27-4 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

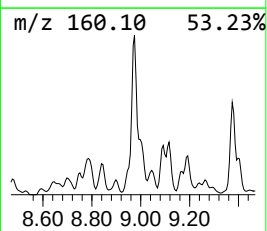
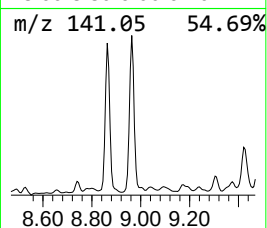
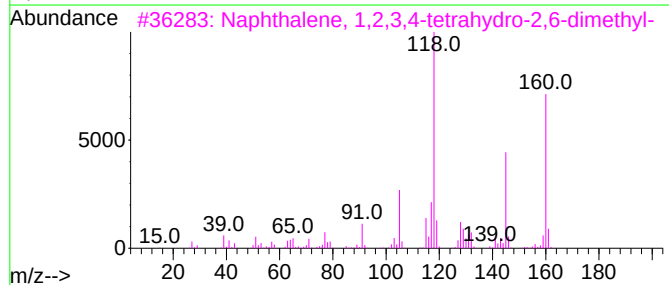
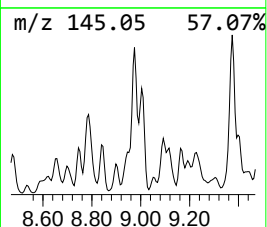
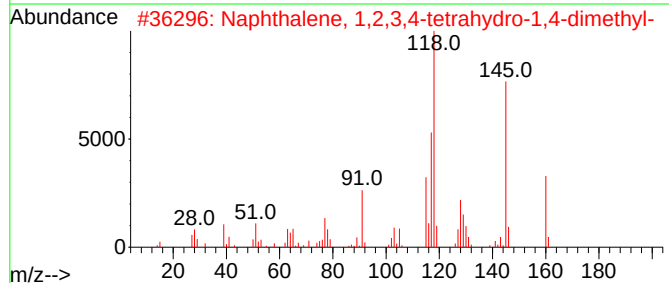
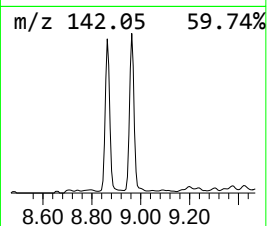
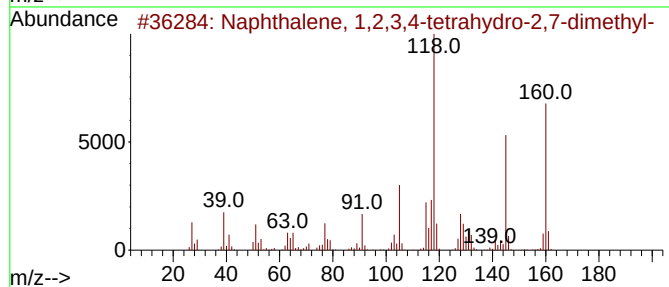
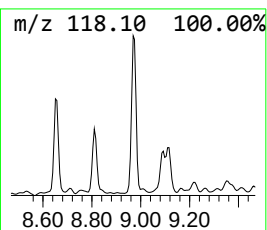
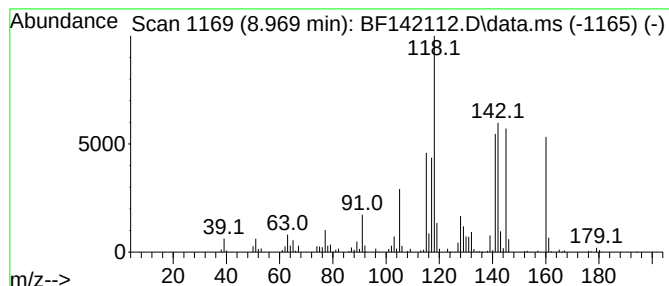
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.969 | 2.79 ng | 228738 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 87   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 83   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 007524-63-2 | 55   |
| 4    |    |   | 1(2H)-Naphthalenone, 3,4-dihydro... | 160 | C11H12O | 014944-23-1 | 50   |
| 5    |    |   | Benzene, (3-methyl-1-methylenebu... | 160 | C12H16  | 038212-14-5 | 45   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

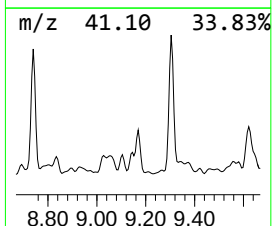
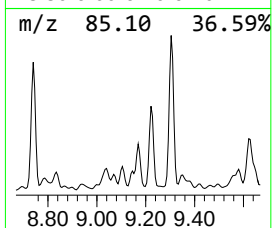
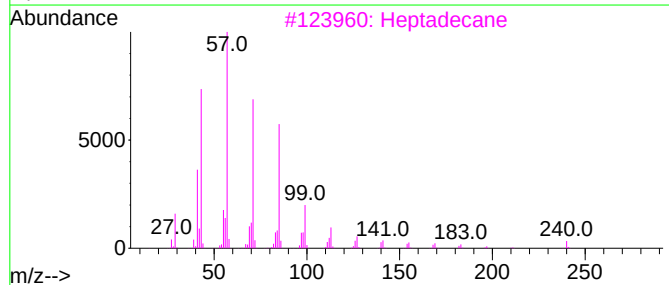
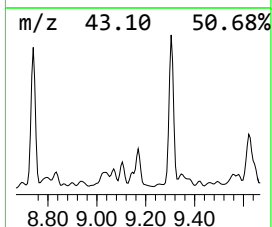
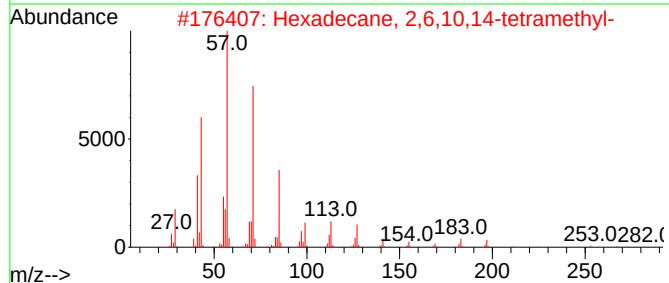
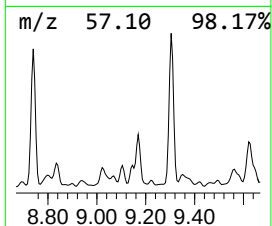
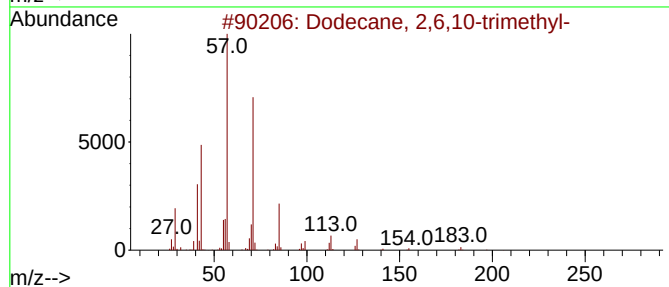
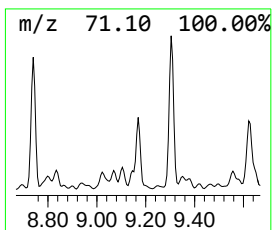
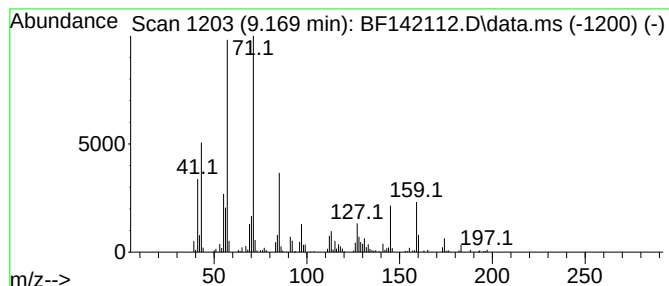
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.169 | 4.28 ng | 246627 | Acenaphthene-d10 | 9.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32    | 003891-98-3  | 50   |
| 2    |    |   | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42    | 000638-36-8  | 49   |
| 3    |    |   | Heptadecane                         | 240 | C17H36    | 000629-78-7  | 47   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 46   |
| 5    |    |   | 4-Heptanone, 3-methyl-              | 128 | C8H16O    | 015726-15-5  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

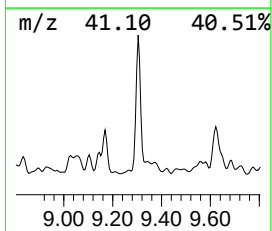
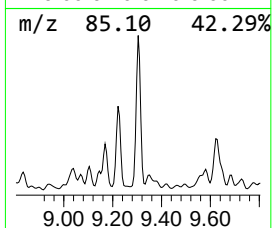
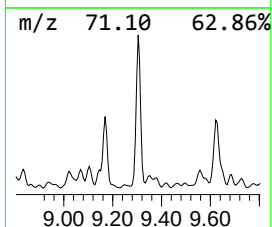
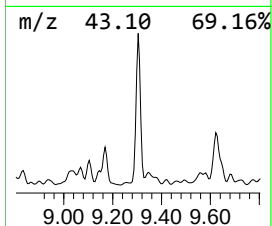
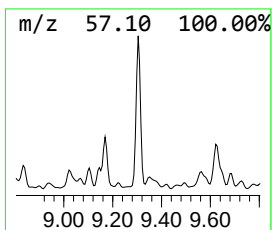
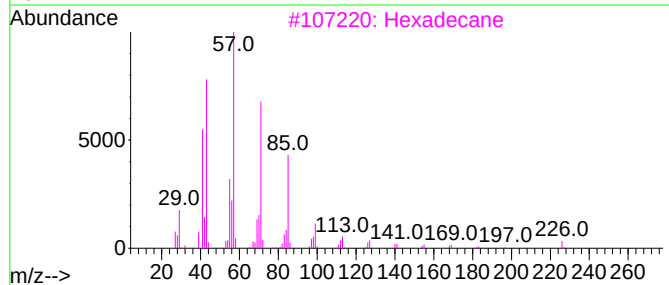
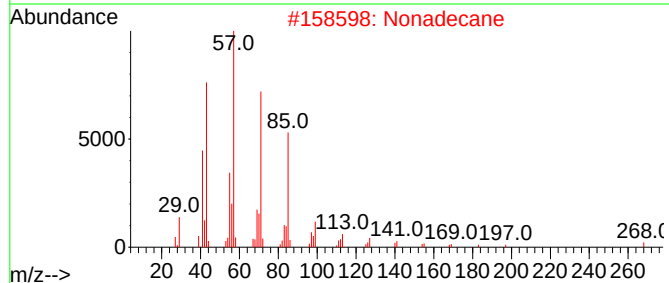
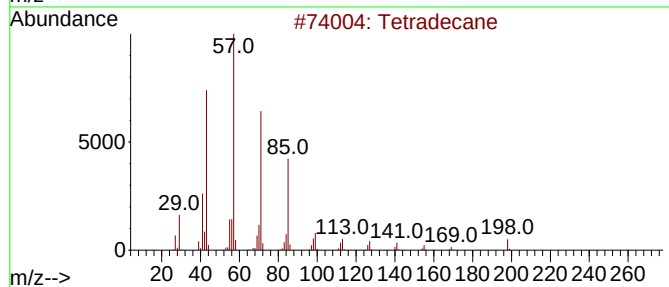
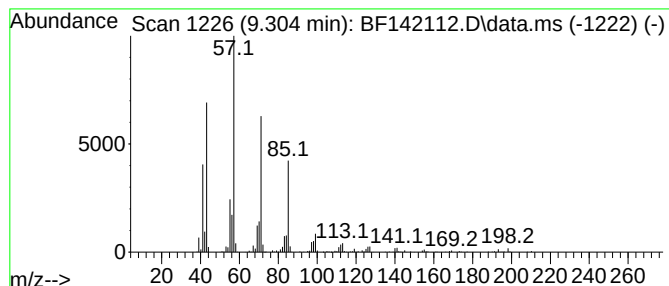
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Tetradecane Concentration Rank 2

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.304 | 11.68 ng | 672383 | Acenaphthene-d10 | 9.904 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane                  | 198 | C14H30  | 000629-59-4 | 91   |
| 2    |    |   | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 91   |
| 3    |    |   | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 90   |
| 4    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 86   |
| 5    |    |   | Tetradecane, 1-iodo-         | 324 | C14H29I | 019218-94-1 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

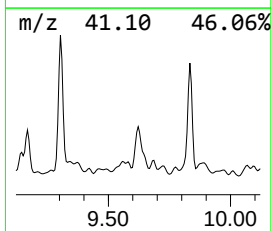
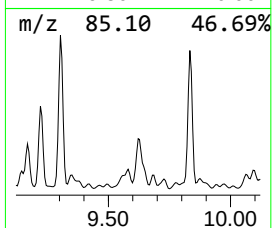
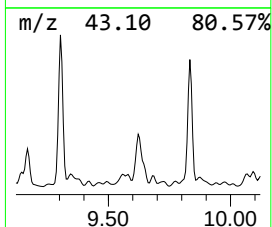
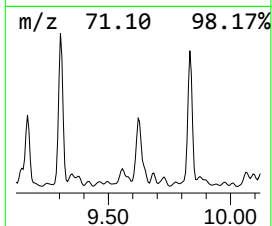
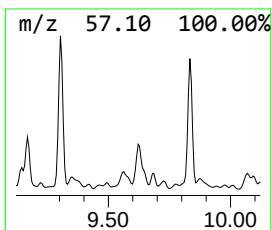
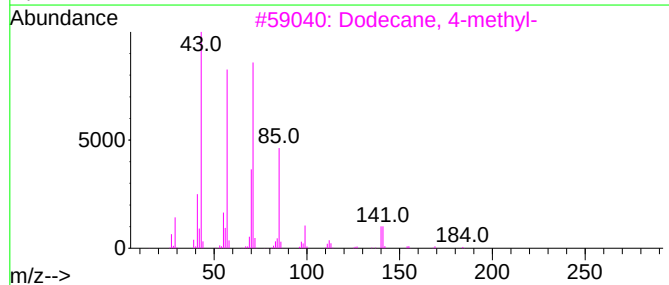
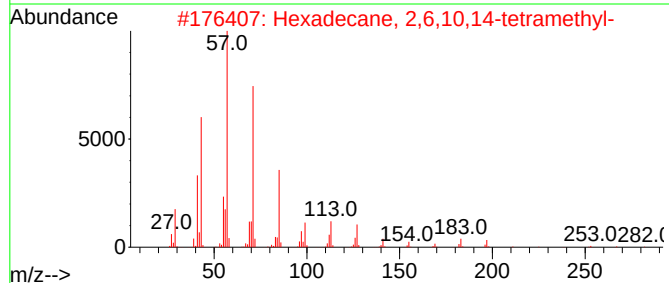
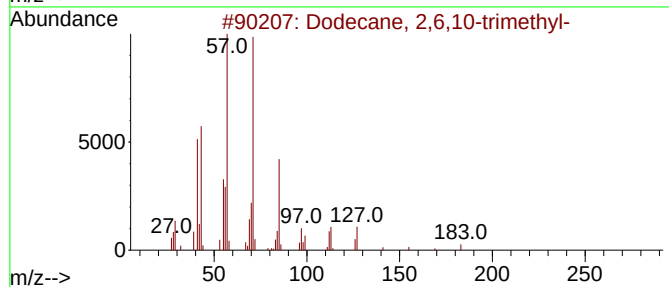
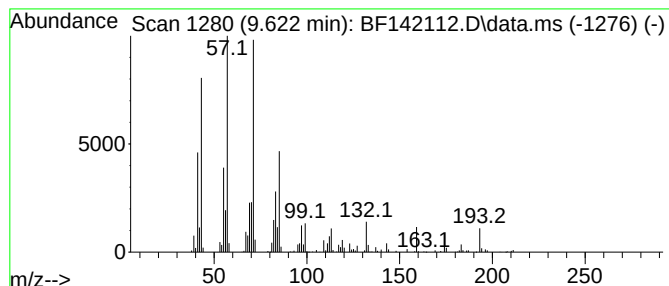
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.622 | 4.05 ng | 233166 | Acenaphthene-d10 | 9.904 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl-        | 212 | C15H32  | 003891-98-3 | 58   |
| 2    |    |   | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 58   |
| 3    |    |   | Dodecane, 4-methyl-                | 184 | C13H28  | 006117-97-1 | 58   |
| 4    |    |   | 1,3-Dimethylcyclopentanol          | 114 | C7H14O  | 019550-46-0 | 53   |
| 5    |    |   | 2,6,10-Trimethyltridecane          | 226 | C16H34  | 003891-99-4 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

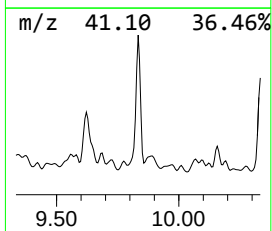
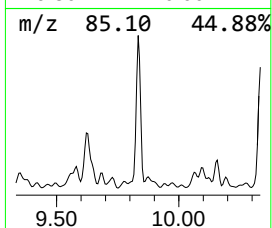
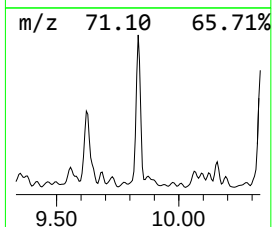
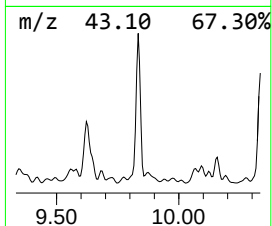
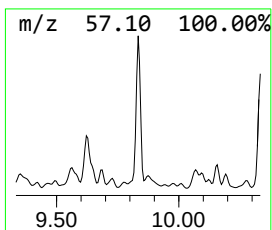
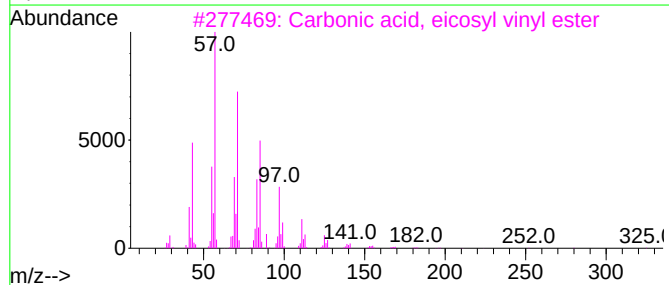
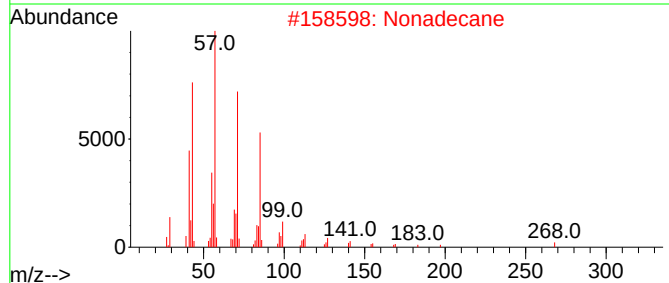
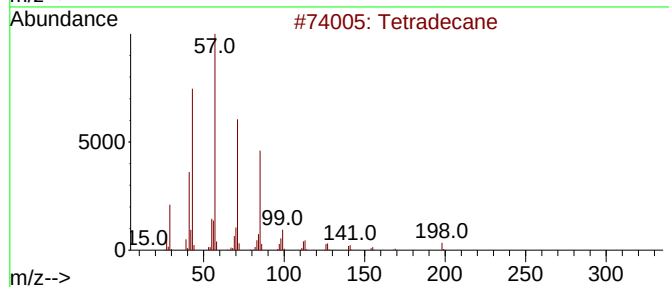
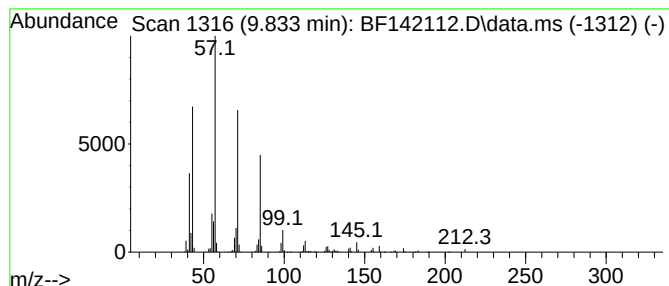
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Nonadecane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.833 | 8.50 ng | 489194 | Acenaphthene-d10 | 9.904 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 87   |
| 2    |    |   | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 80   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 80   |
| 4    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 72   |
| 5    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

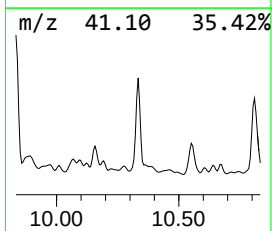
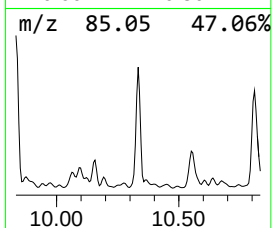
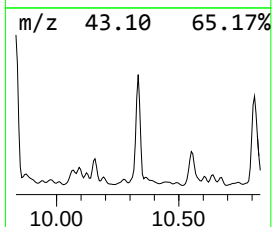
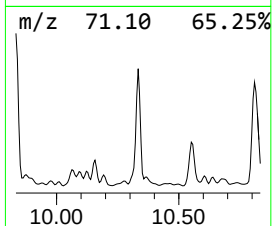
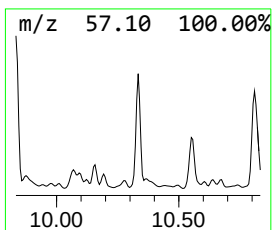
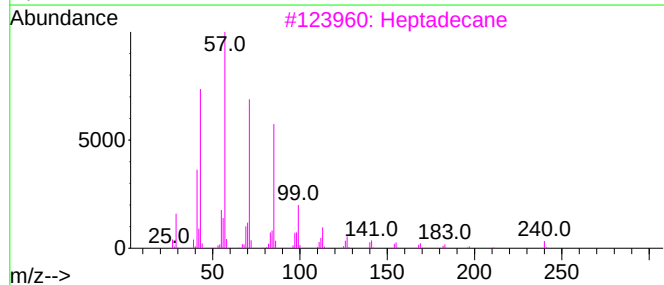
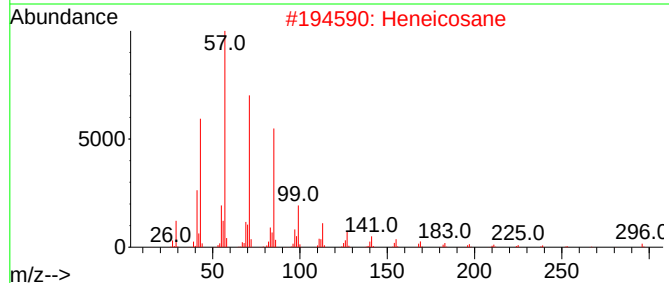
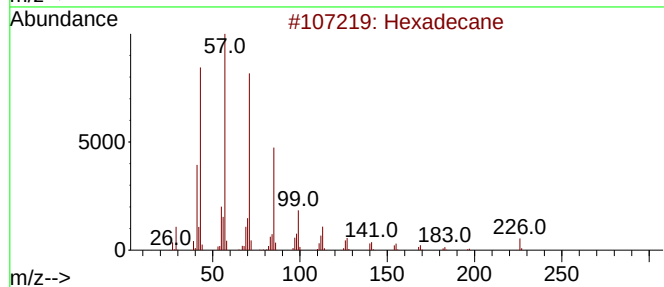
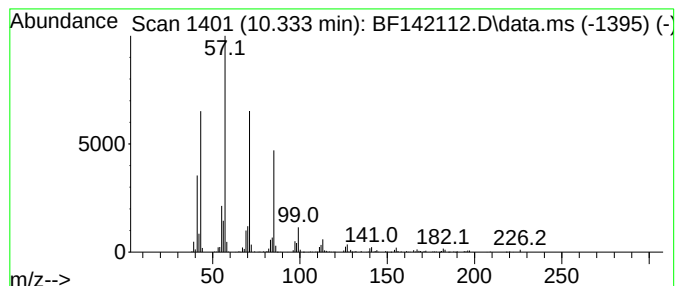
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Hexadecane Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.333 | 7.41 ng | 426866 | Acenaphthene-d10 | 9.904 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 93   |
| 2    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 87   |
| 4    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 87   |
| 5    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

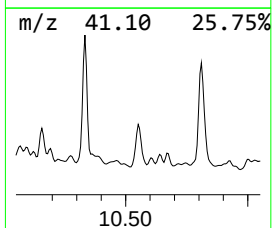
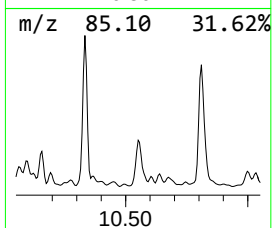
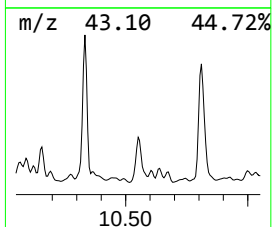
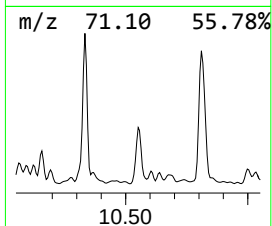
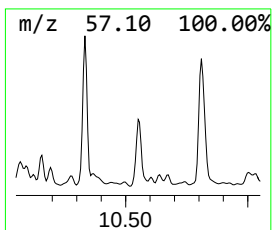
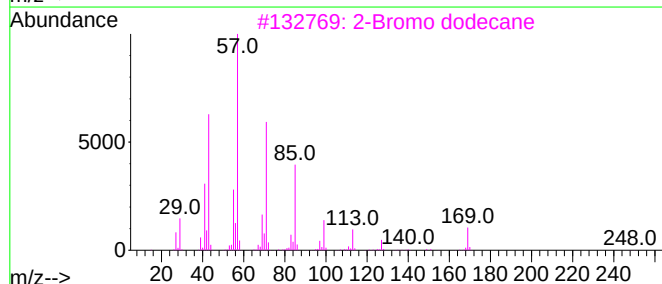
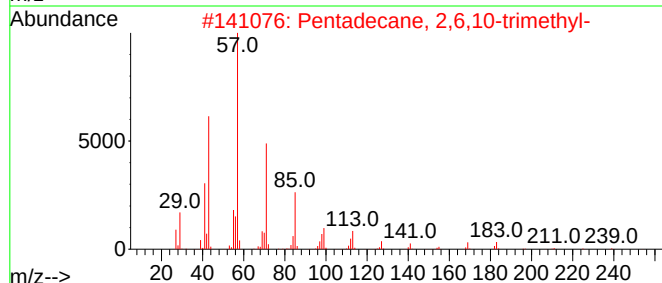
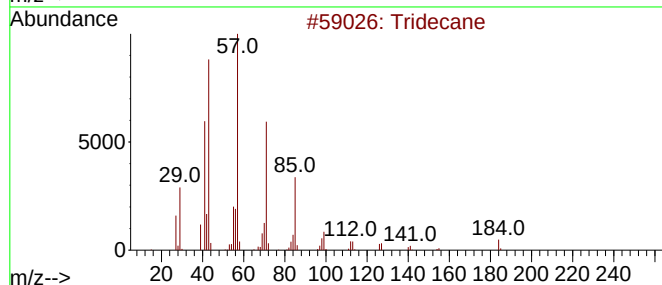
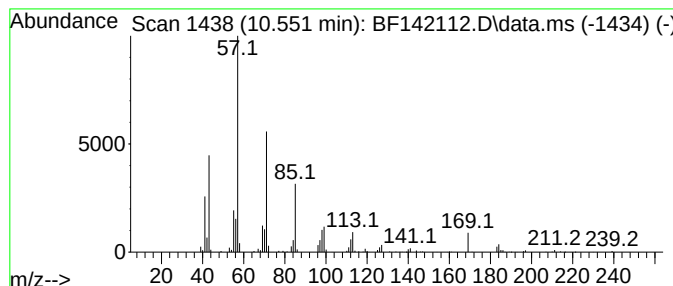
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Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.551 | 3.66 ng | 210924 | Acenaphthene-d10 | 9.904 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|------|------------------------------------|-----|----------|-------------|------|
| 1    |      | Tridecane                          | 184 | C13H28   | 000629-50-5 | 90   |
| 2    |      | Pentadecane, 2,6,10-trimethyl-     | 254 | C18H38   | 003892-00-0 | 90   |
| 3    |      | 2-Bromo dodecane                   | 248 | C12H25Br | 013187-99-0 | 80   |
| 4    |      | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42   | 000638-36-8 | 80   |
| 5    |      | Heptadecane                        | 240 | C17H36   | 000629-78-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

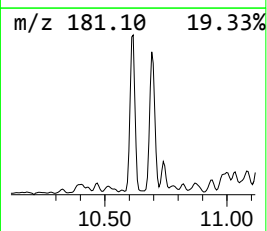
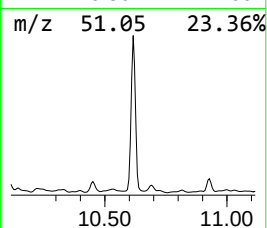
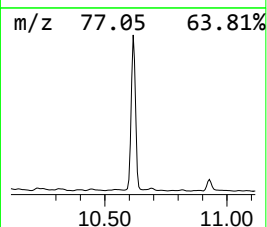
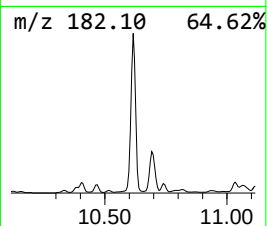
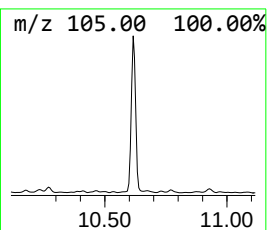
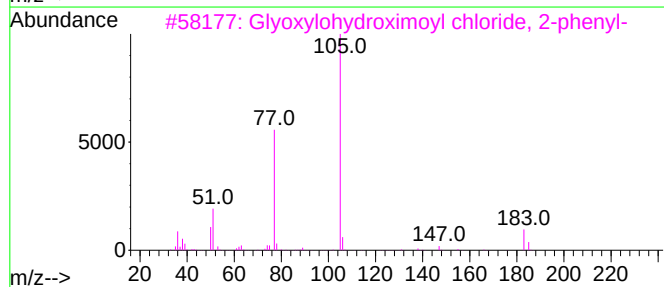
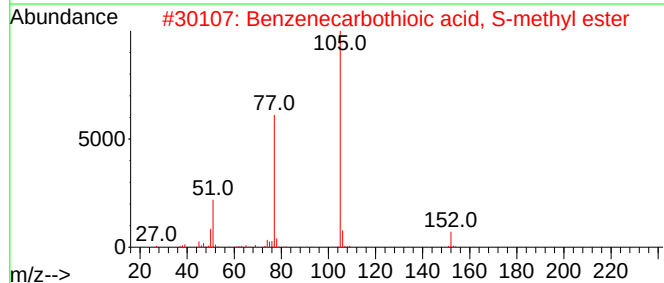
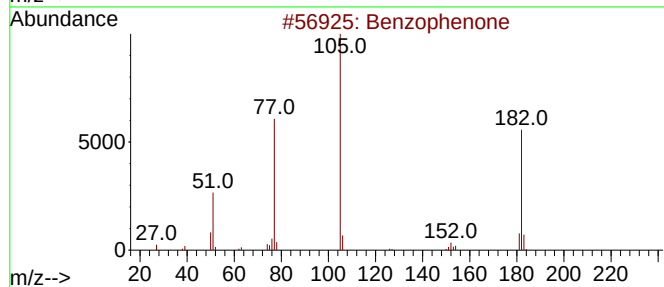
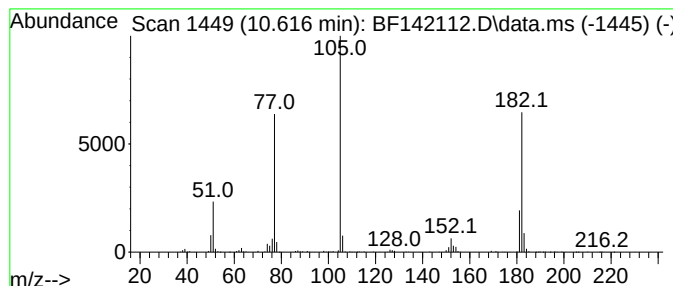
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Benzophenone Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.616 | 7.24 ng | 416884 | Acenaphthene-d10 | 9.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9 | 95   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS    | 005925-68-8 | 49   |
| 3    |    |   | Glyoxylohydroximoyl chloride, 2-... | 183 | C8H6ClNO2 | 004937-87-5 | 43   |
| 4    |    |   | Isonitrosoacetophenone              | 149 | C8H7NO2   | 000532-54-7 | 43   |
| 5    |    |   | 1-Propanone, 2-bromo-1-phenyl-      | 212 | C9H9BrO   | 002114-00-3 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

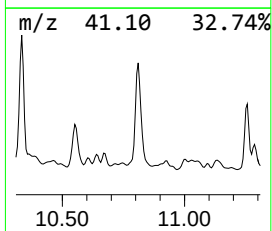
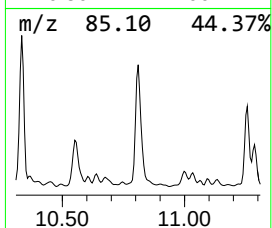
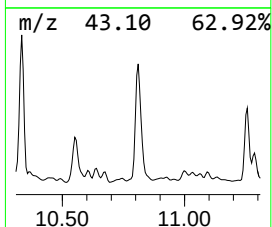
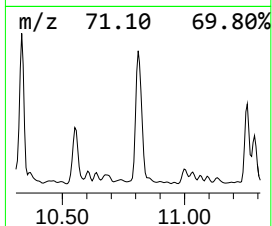
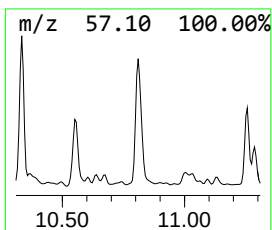
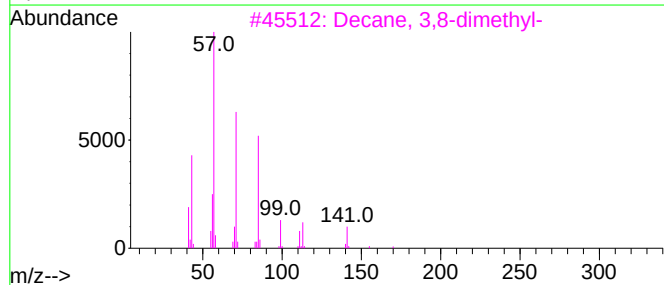
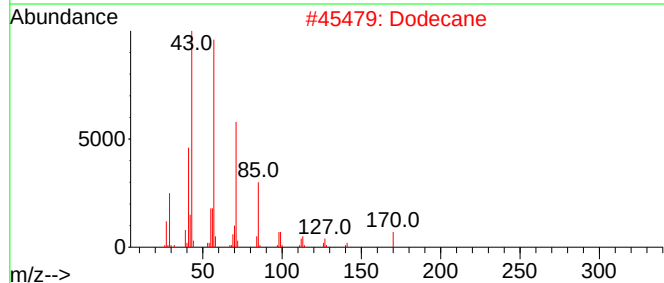
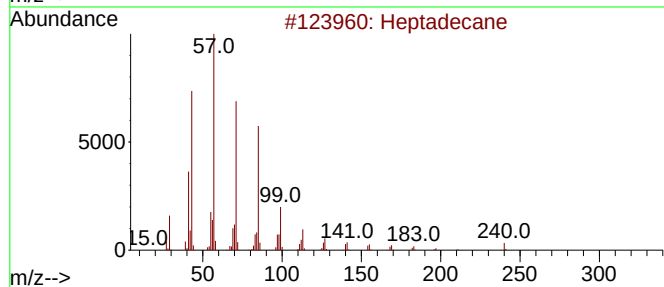
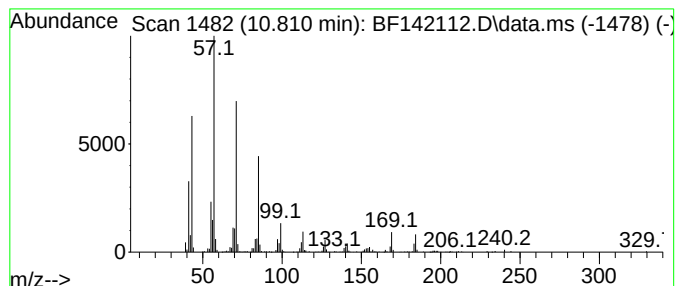
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Dodecane Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.810 | 9.21 ng | 501540 | Phenanthrene-d10 | 11.392 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|------|-----------------------|-----|----------|-------------|------|
| 1    |      | Heptadecane           | 240 | C17H36   | 000629-78-7 | 95   |
| 2    |      | Dodecane              | 170 | C12H26   | 000112-40-3 | 87   |
| 3    |      | Decane, 3,8-dimethyl- | 170 | C12H26   | 017312-55-9 | 87   |
| 4    |      | 2-Bromo dodecane      | 248 | C12H25Br | 013187-99-0 | 87   |
| 5    |      | Tridecane             | 184 | C13H28   | 000629-50-5 | 87   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

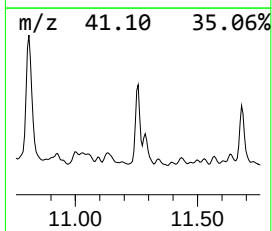
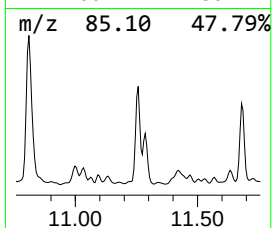
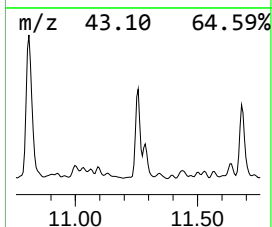
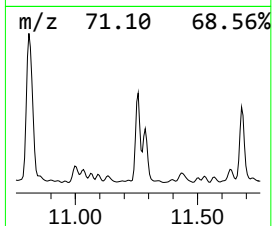
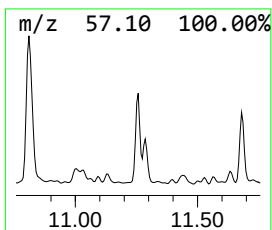
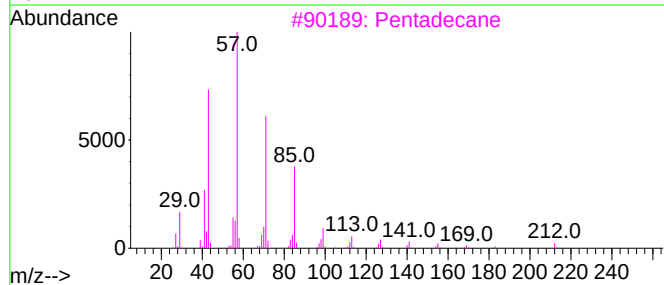
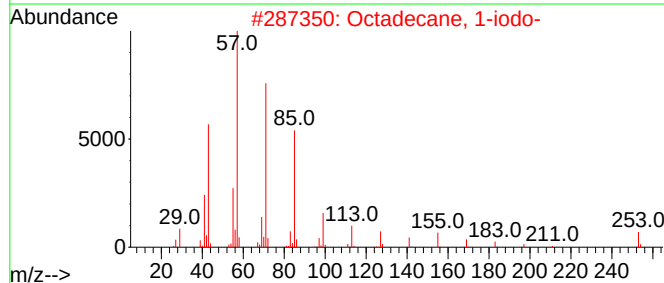
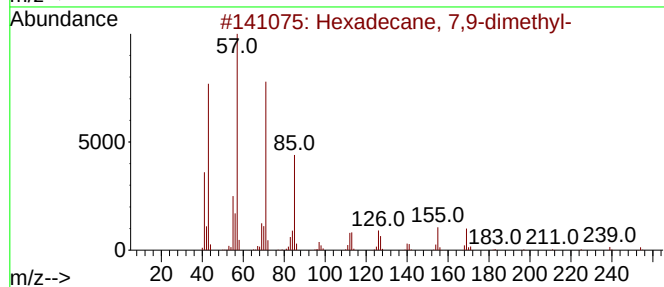
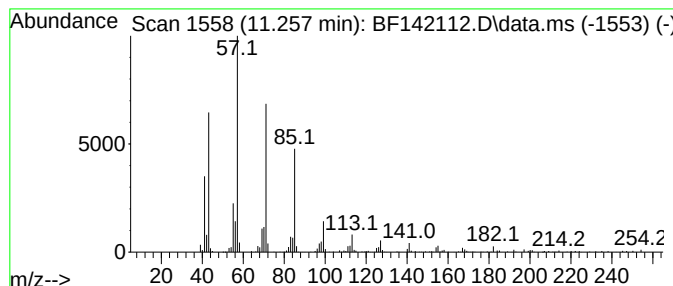
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Hexadecane, 7,9-dimethyl- Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.257 | 4.43 ng | 241375 | Phenanthrene-d10 | 11.392 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane, 7,9-dimethyl- | 254 | C18H38  | 021164-95-4 | 91   |
| 2    |    |   | Octadecane, 1-iodo-       | 380 | C18H37I | 000629-93-6 | 91   |
| 3    |    |   | Pentadecane               | 212 | C15H32  | 000629-62-9 | 91   |
| 4    |    |   | Eicosane                  | 282 | C20H42  | 000112-95-8 | 91   |
| 5    |    |   | Heneicosane               | 296 | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

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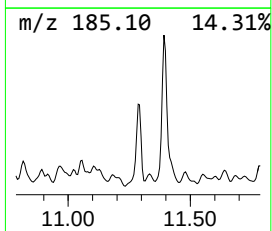
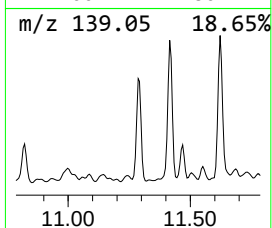
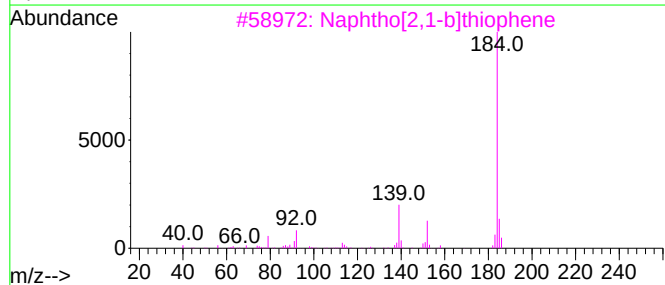
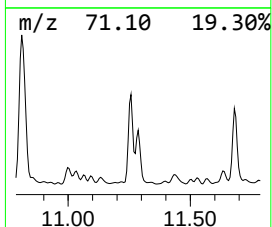
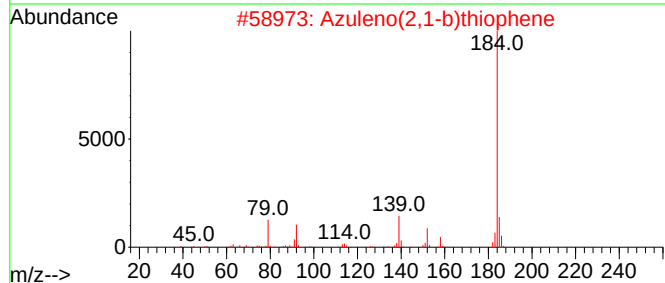
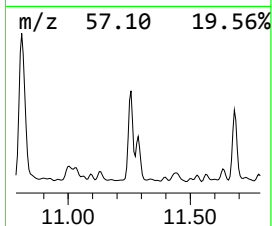
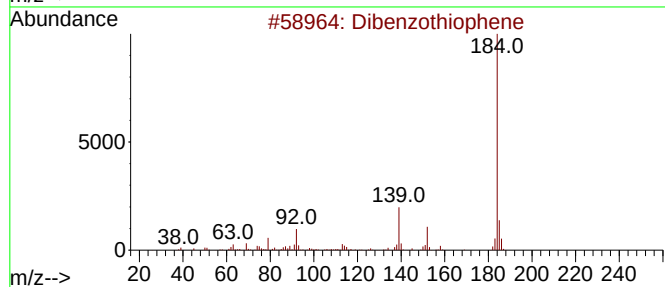
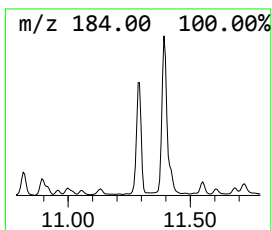
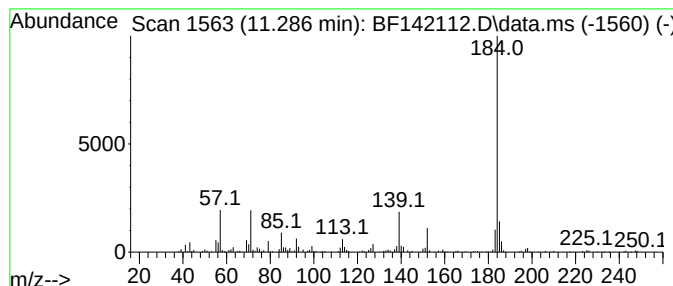
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 Dibenzothiophene Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.286 | 4.60 ng | 250313 | Phenanthrene-d10 | 11.392 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Dibenzothiophene                    | 184 | C12H8S  | 000132-65-0 | 89   |
| 2    |      | Azuleno(2,1-b)thiophene             | 184 | C12H8S  | 000248-13-5 | 76   |
| 3    |      | Naphtho[2,1-b]thiophene             | 184 | C12H8S  | 000233-02-3 | 76   |
| 4    |      | 2,5-Cyclohexadiene-1,4-dione, 2,... | 184 | C8H8O5  | 000085-23-4 | 53   |
| 5    |      | Naphtho[1,2-b]thiophene             | 184 | C12H8S  | 000234-41-3 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
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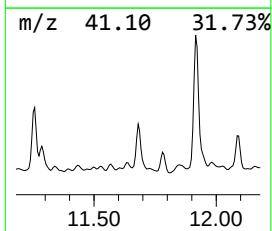
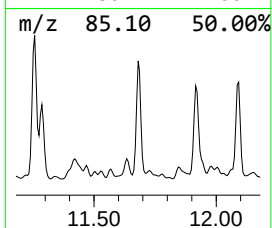
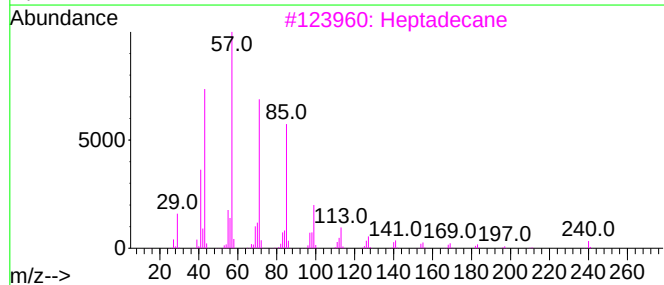
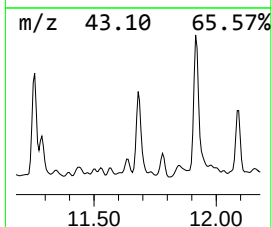
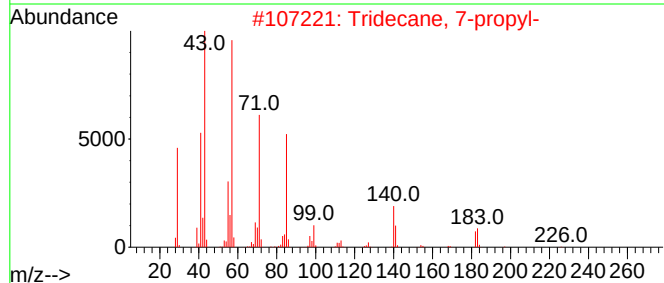
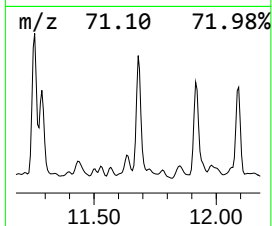
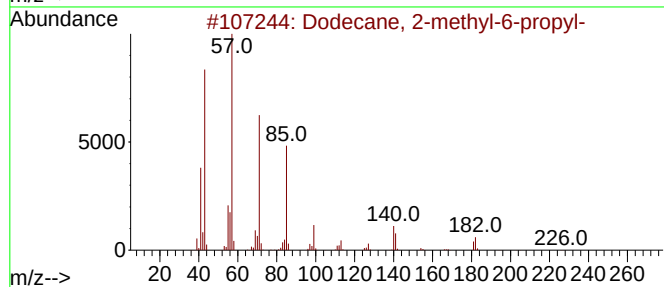
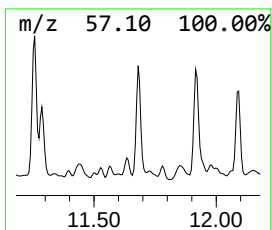
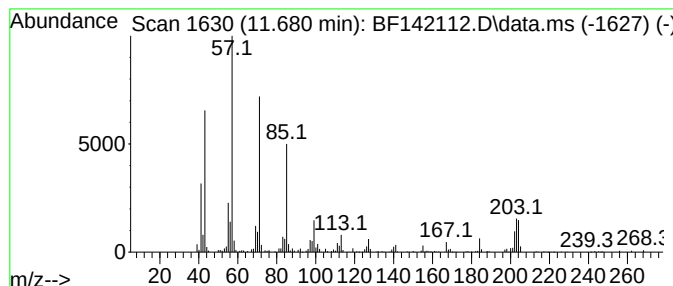
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Peak Number 15 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.680 | 3.61 ng | 196427 | Phenanthrene-d10 | 11.392 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 70   |
| 2    |      | Tridecane, 7-propyl-         | 226 | C16H34  | 055045-09-5 | 70   |
| 3    |      | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 62   |
| 4    |      | Dodecane, 1-iodo-            | 296 | C12H25I | 004292-19-7 | 62   |
| 5    |      | Tetracosane                  | 338 | C24H50  | 000646-31-1 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

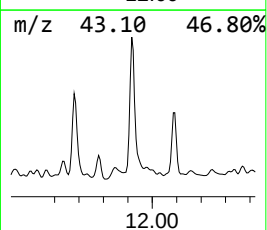
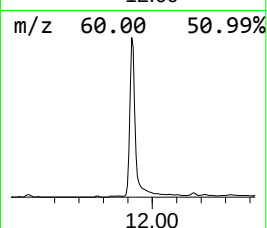
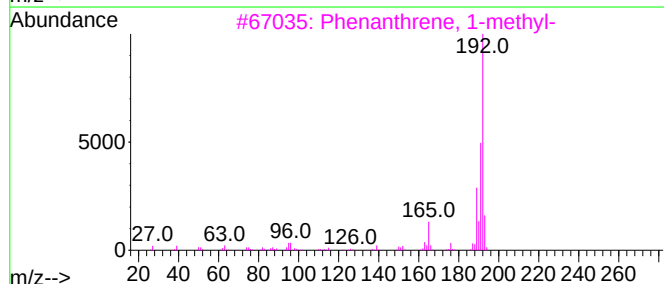
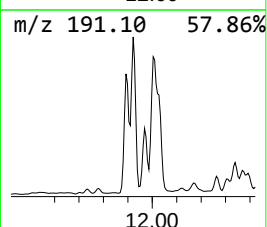
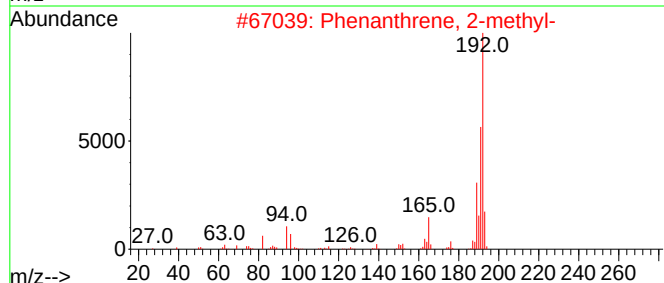
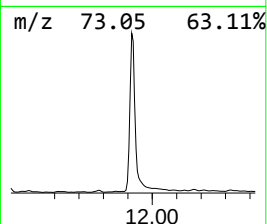
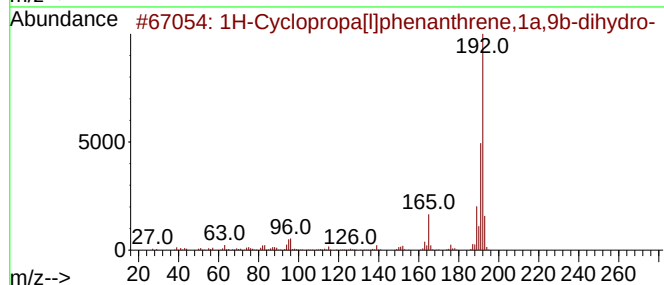
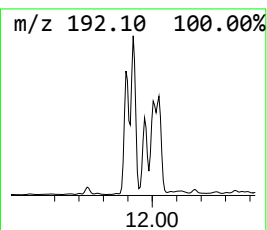
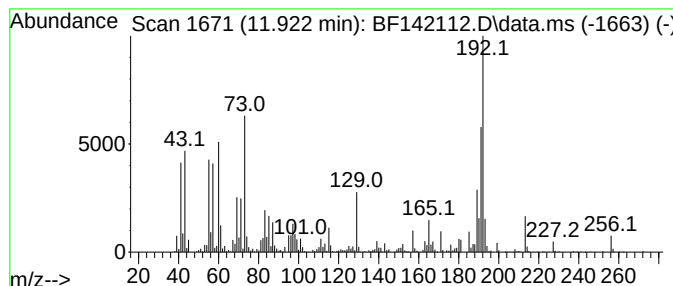
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Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.922 | 17.56 ng | 956076 | Phenanthrene-d10 | 11.392 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12   | 000949-41-7 | 95   |
| 2    |      | Phenanthrene, 2-methyl-             | 192 | C15H12   | 002531-84-2 | 95   |
| 3    |      | Phenanthrene, 1-methyl-             | 192 | C15H12   | 000832-69-9 | 95   |
| 4    |      | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 92   |
| 5    |      | Phenanthrene, 4-methyl-             | 192 | C15H12   | 000832-64-4 | 92   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

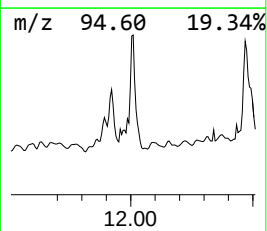
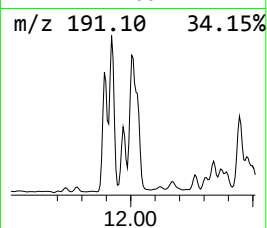
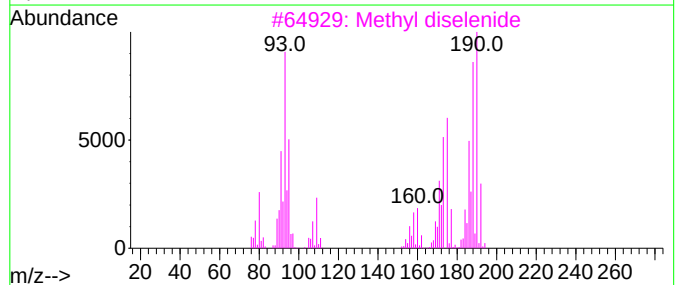
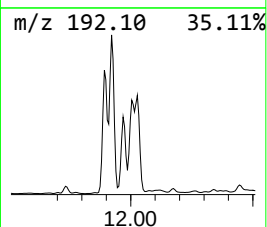
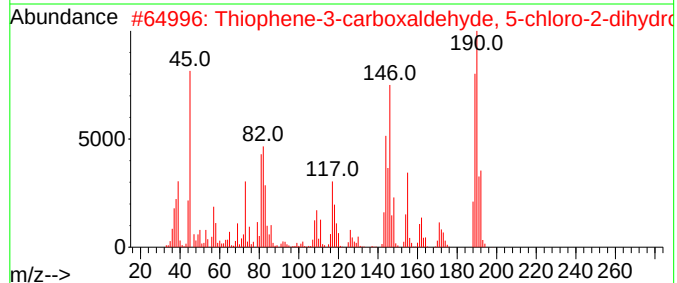
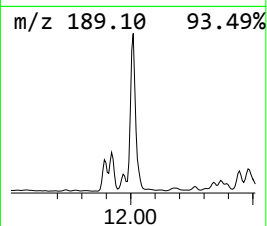
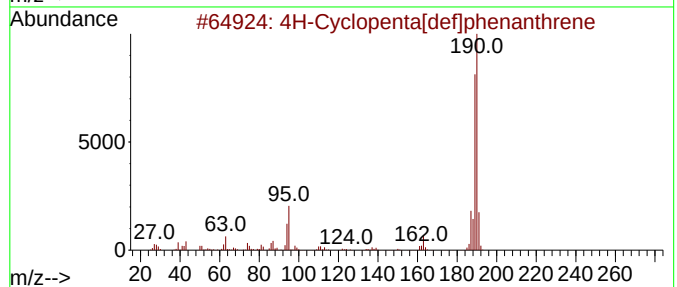
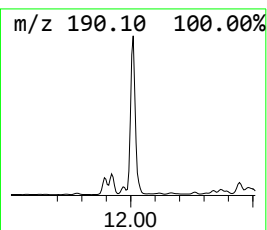
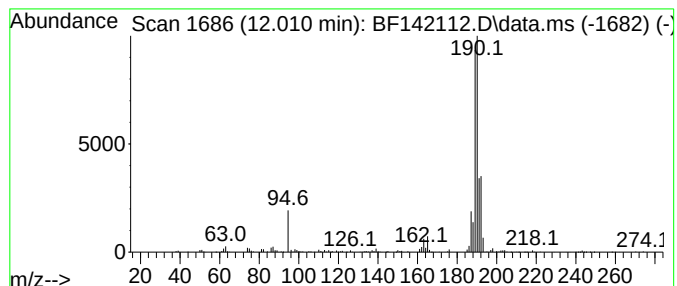
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.      | EstConc                             | Area   | Relative to ISTD |            | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|------------|-------------|------|
| 12.010    | 9.90 ng                             | 538969 | Phenanthrene-d10 |            | 11.392      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm    | CAS#        | Qual |
| 1         | 4H-Cyclopenta[def]phenanthrene      |        | 190              | C15H10     | 000203-64-5 | 76   |
| 2         | Thiophene-3-carboxaldehyde, 5-ch... |        | 190              | C5H4BClO3S | 036155-87-0 | 50   |
| 3         | Methyl diselenide                   |        | 190              | C2H6Se2    | 007101-31-7 | 49   |
| 4         | 2,2'-Bis(4,5-dimethylimidazole)     |        | 190              | C10H14N4   | 069286-06-2 | 45   |
| 5         | 2,4(1H,3H)-Pyrimidinedione, 5-br... |        | 190              | C4H3BrN2O2 | 000051-20-7 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

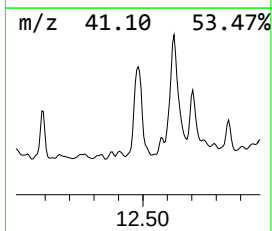
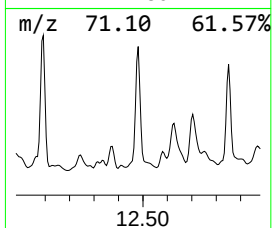
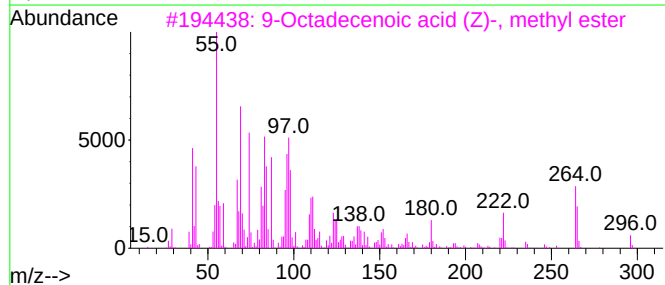
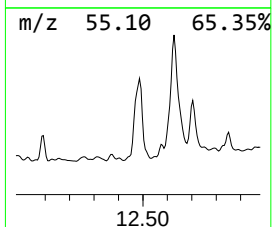
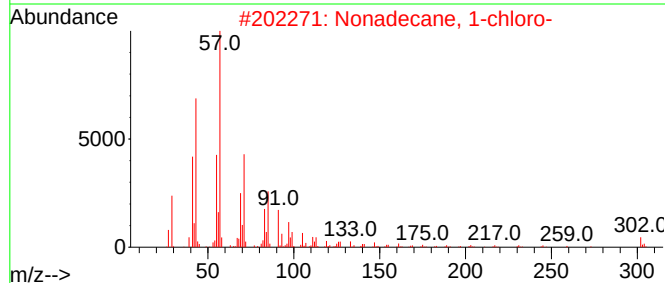
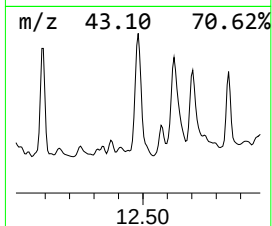
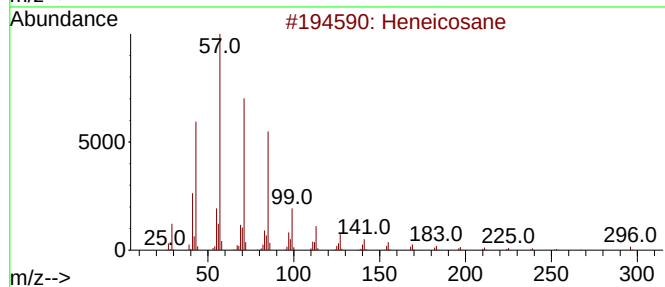
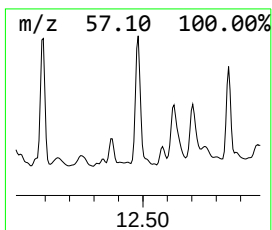
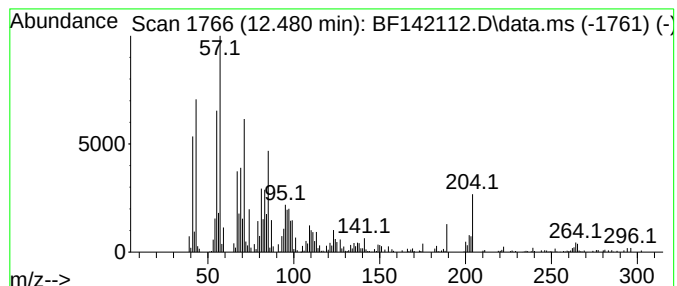
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Heneicosane Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.480 | 10.44 ng | 568585 | Phenanthrene-d10 | 11.392 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Heneicosane                         | 296 | C21H44   | 000629-94-7  | 94   |
| 2    |    |   | Nonadecane, 1-chloro-               | 302 | C19H39Cl | 062016-76-6  | 87   |
| 3    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9  | 56   |
| 4    |    |   | trans-13-Octadecenoic acid, meth... | 296 | C19H36O2 | 1000333-61-3 | 53   |
| 5    |    |   | 10-Heneicosene (c,t)                | 294 | C21H42   | 095008-11-0  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

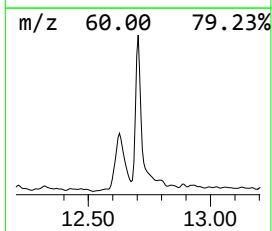
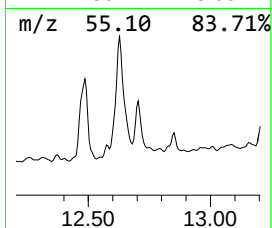
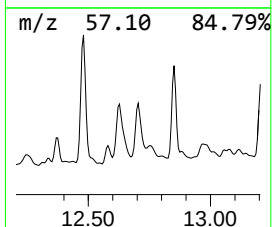
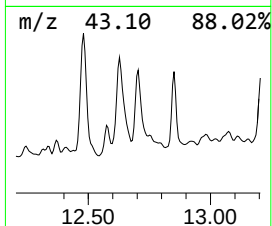
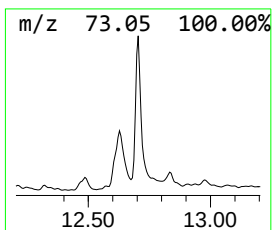
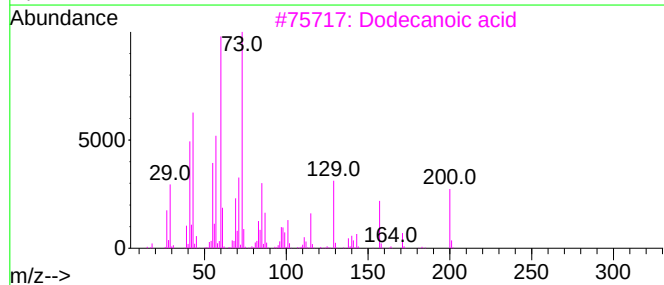
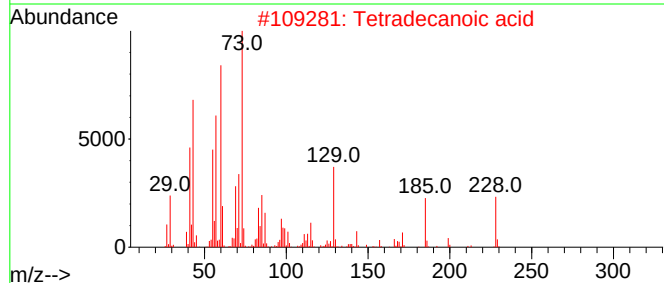
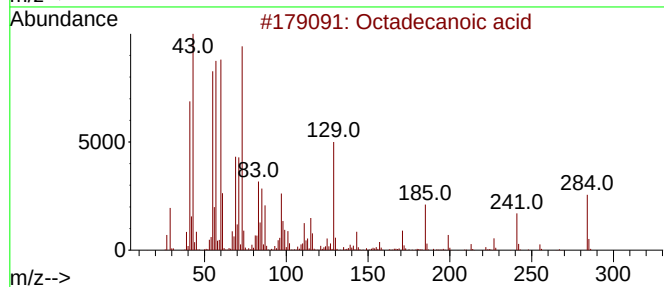
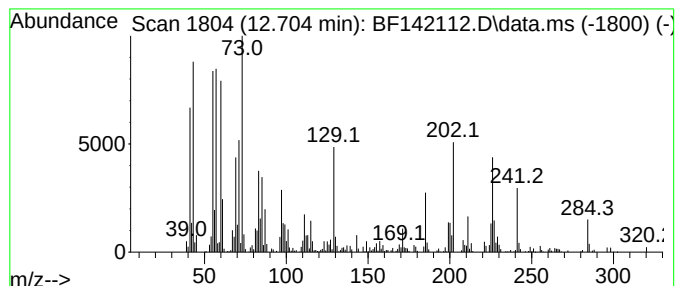
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Octadecanoic acid Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.704 | 3.42 ng | 186323 | Phenanthrene-d10 | 11.392 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 49   |
| 3    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 49   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 46   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142112.D  
Acq On : 26 Mar 2025 22:35  
Operator : RC/JU  
Sample : Q1637-01 2X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-032525

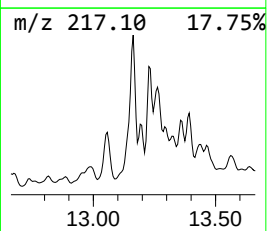
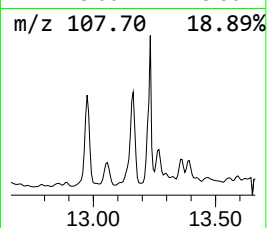
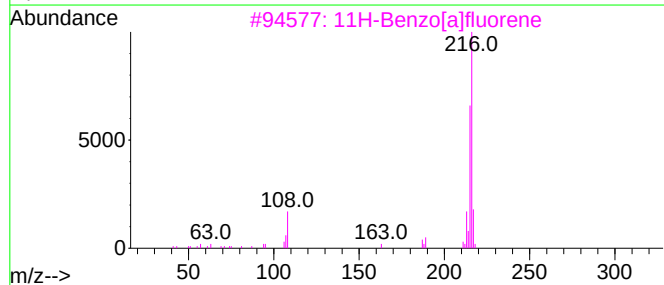
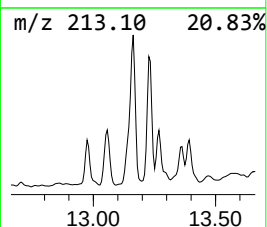
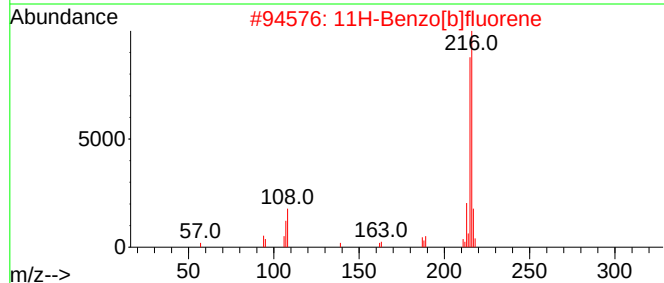
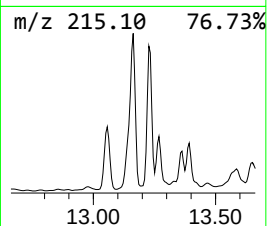
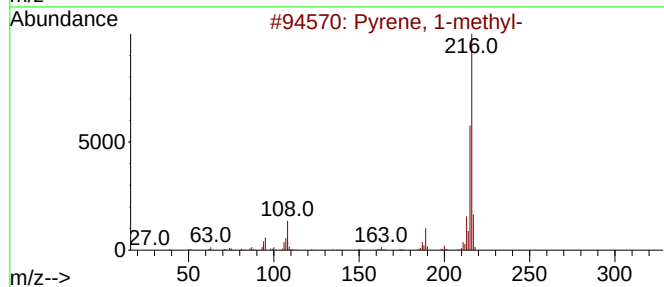
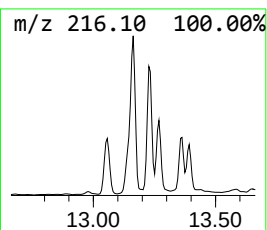
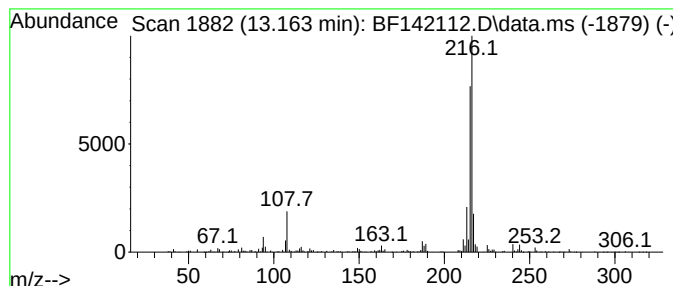
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Pyrene, 1-methyl- Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.163 | 3.14 ng | 306867 | Chrysene-d12     | 14.033 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 93   |
| 2    |      | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 3    |      | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 90   |
| 4    |      | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 83   |
| 5    |      | 7H-Benzo[c]fluorene     | 216 | C17H12  | 000205-12-9 | 72   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
 Data File : BF142112.D  
 Acq On : 26 Mar 2025 22:35  
 Operator : RC/JU  
 Sample : Q1637-01 2X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-01-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzene, 1-meth... | 7.257  | 2.8     | ng    | 125165   | 1                     | 6.869  | 898345  | 20.0 |
| Benzene, 1,2,4,... | 7.892  | 3.5     | ng    | 289687   | 2                     | 8.151  | 1640890 | 20.0 |
| Tridecane          | 8.739  | 6.1     | ng    | 499781   | 2                     | 8.151  | 1640890 | 20.0 |
| Naphthalene, 1,... | 8.969  | 2.8     | ng    | 228738   | 2                     | 8.151  | 1640890 | 20.0 |
| Dodecane, 2,6,1... | 9.169  | 4.3     | ng    | 246627   | 3                     | 9.904  | 1151500 | 20.0 |
| Tetradecane        | 9.304  | 11.7    | ng    | 672383   | 3                     | 9.904  | 1151500 | 20.0 |
| Hexadecane, 2,6... | 9.622  | 4.0     | ng    | 233166   | 3                     | 9.904  | 1151500 | 20.0 |
| Nonadecane         | 9.833  | 8.5     | ng    | 489194   | 3                     | 9.904  | 1151500 | 20.0 |
| Hexadecane         | 10.333 | 7.4     | ng    | 426866   | 3                     | 9.904  | 1151500 | 20.0 |
| Pentadecane, 2,... | 10.551 | 3.7     | ng    | 210924   | 3                     | 9.904  | 1151500 | 20.0 |
| Benzophenone       | 10.616 | 7.2     | ng    | 416884   | 3                     | 9.904  | 1151500 | 20.0 |
| Dodecane           | 10.810 | 9.2     | ng    | 501540   | 4                     | 11.392 | 1088890 | 20.0 |
| Hexadecane, 7,9... | 11.257 | 4.4     | ng    | 241375   | 4                     | 11.392 | 1088890 | 20.0 |
| Dibenzothiophene   | 11.286 | 4.6     | ng    | 250313   | 4                     | 11.392 | 1088890 | 20.0 |
| Dodecane, 2-met... | 11.680 | 3.6     | ng    | 196427   | 4                     | 11.392 | 1088890 | 20.0 |
| 1H-Cyclopropa[l... | 11.922 | 17.6    | ng    | 956076   | 4                     | 11.392 | 1088890 | 20.0 |
| 4H-Cyclopenta[d... | 12.010 | 9.9     | ng    | 538969   | 4                     | 11.392 | 1088890 | 20.0 |
| Heneicosane        | 12.480 | 10.4    | ng    | 568585   | 4                     | 11.392 | 1088890 | 20.0 |
| Octadecanoic acid  | 12.704 | 3.4     | ng    | 186323   | 4                     | 11.392 | 1088890 | 20.0 |
| Pyrene, 1-methyl-  | 13.163 | 3.1     | ng    | 306867   | 5                     | 14.033 | 1956430 | 20.0 |