

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111920\  
 Data File : BF122390.D  
 Acq On : 19 Nov 2020 20:10  
 Operator : JU/CG  
 Sample : L4779-14  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1605-1607

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-BF110920.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122390.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         | 2.146       | 3             | 10          | 15           | rVB      | 1707756        | 2127871       | 5.36%           | 0.519%        |
| 2         | 5.087       | 502           | 510         | 515          | rBV      | 496905         | 686871        | 1.73%           | 0.168%        |
| 3         | 5.481       | 569           | 577         | 580          | rBV      | 5323083        | 6220756       | 15.66%          | 1.518%        |
| 4         | 5.546       | 580           | 588         | 590          | rVB      | 472442         | 1054211       | 2.65%           | 0.257%        |
| 5         | 5.787       | 613           | 629         | 633          | rVB2     | 371997         | 1381493       | 3.48%           | 0.337%        |
| 6         | 6.498       | 739           | 750         | 761          | rBV      | 4235246        | 6533928       | 16.45%          | 1.594%        |
| 7         | 6.875       | 809           | 814         | 816          | rBV      | 359131         | 591190        | 1.49%           | 0.144%        |
| 8         | 6.940       | 821           | 825         | 831          | rVB3     | 1032632        | 1379070       | 3.47%           | 0.336%        |
| 9         | 7.028       | 831           | 840         | 844          | rBV3     | 1330119        | 2102375       | 5.29%           | 0.513%        |
| 10        | 7.069       | 845           | 847         | 851          | rVV      | 412122         | 530940        | 1.34%           | 0.130%        |
| 11        | 7.122       | 851           | 856         | 858          | rVB      | 383912         | 424313        | 1.07%           | 0.104%        |
| 12        | 7.222       | 868           | 873         | 875          | rBV2     | 414414         | 404798        | 1.02%           | 0.099%        |
| 13        | 7.275       | 875           | 882         | 885          | rVV5     | 515330         | 1299428       | 3.27%           | 0.317%        |
| 14        | 7.328       | 888           | 891         | 895          | rVV2     | 660937         | 743554        | 1.87%           | 0.181%        |
| 15        | 7.428       | 903           | 908         | 911          | rVV      | 4123145        | 4460657       | 11.23%          | 1.088%        |
| 16        | 7.575       | 929           | 933         | 936          | rBV      | 1144342        | 1332500       | 3.36%           | 0.325%        |
| 17        | 7.610       | 936           | 939         | 942          | rVV2     | 375371         | 434333        | 1.09%           | 0.106%        |
| 18        | 7.663       | 942           | 948         | 949          | rVV      | 1372263        | 1682990       | 4.24%           | 0.411%        |
| 19        | 7.698       | 949           | 954         | 963          | rVV      | 5077109        | 6693918       | 16.86%          | 1.633%        |
| 20        | 7.775       | 964           | 967         | 972          | rVB      | 400967         | 504598        | 1.27%           | 0.123%        |
| 21        | 7.992       | 991           | 1004        | 1006         | rBV      | 13037525       | 39714391      | 100.00%         | 9.690%        |
| 22        | 8.204       | 1035          | 1040        | 1042         | rBV5     | 547237         | 735894        | 1.85%           | 0.180%        |
| 23        | 8.222       | 1042          | 1043        | 1050         | rVB      | 502135         | 552133        | 1.39%           | 0.135%        |
| 24        | 8.316       | 1051          | 1059        | 1062         | rBV      | 2972223        | 3596662       | 9.06%           | 0.878%        |
| 25        | 8.345       | 1062          | 1064        | 1069         | rVB      | 1352245        | 1347179       | 3.39%           | 0.329%        |
| 26        | 8.492       | 1081          | 1089        | 1091         | rBV3     | 987590         | 2036233       | 5.13%           | 0.497%        |
| 27        | 8.516       | 1091          | 1093        | 1095         | rBV      | 946806         | 770828        | 1.94%           | 0.188%        |
| 28        | 8.604       | 1095          | 1108        | 1111         | rBV2     | 10608620       | 24009786      | 60.46%          | 5.858%        |
| 29        | 8.857       | 1148          | 1151        | 1153         | rVV2     | 1339954        | 1125866       | 2.83%           | 0.275%        |
| 30        | 8.939       | 1159          | 1165        | 1166         | rBV2     | 1980285        | 2742793       | 6.91%           | 0.669%        |
| 31        | 8.957       | 1166          | 1168        | 1173         | rVB      | 4022735        | 3864442       | 9.73%           | 0.943%        |
| 32        | 9.034       | 1176          | 1181        | 1182         | rBV      | 1959596        | 1957684       | 4.93%           | 0.478%        |
| 33        | 9.057       | 1182          | 1185        | 1190         | rVB      | 7629057        | 7915107       | 19.93%          | 1.931%        |
| 34        | 9.186       | 1191          | 1207        | 1210         | rBV4     | 9568538        | 21777479      | 54.84%          | 5.313%        |
| 35        | 9.234       | 1210          | 1215        | 1218         | rVB      | 7624330        | 7867870       | 19.81%          | 1.920%        |
| 36        | 9.269       | 1218          | 1221        | 1224         | rBV2     | 346890         | 474847        | 1.20%           | 0.116%        |

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Integrator: RTE

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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-BF110920.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 37 | 9.322  | 1224 | 1230 | 1234 | rBV4 | 899385  | 1667239  | 4.20%  | 0.407% |
| 38 | 9.392  | 1239 | 1242 | 1246 | rBV2 | 990105  | 1010719  | 2.54%  | 0.247% |
| 39 | 9.439  | 1247 | 1250 | 1252 | rBV2 | 477291  | 533124   | 1.34%  | 0.130% |
| 40 | 9.481  | 1252 | 1257 | 1259 | rBV3 | 1112359 | 2140346  | 5.39%  | 0.522% |
| 41 | 9.504  | 1259 | 1261 | 1265 | rVB  | 1400647 | 1327505  | 3.34%  | 0.324% |
| 42 | 9.545  | 1265 | 1268 | 1271 | rBV3 | 861028  | 848920   | 2.14%  | 0.207% |
| 43 | 9.604  | 1271 | 1278 | 1280 | rBV3 | 2894025 | 4367736  | 11.00% | 1.066% |
| 44 | 9.639  | 1282 | 1284 | 1289 | rVB3 | 1991781 | 2132555  | 5.37%  | 0.520% |
| 45 | 9.739  | 1296 | 1301 | 1305 | rVB2 | 7594460 | 9211196  | 23.19% | 2.247% |
| 46 | 9.857  | 1318 | 1321 | 1324 | rBV4 | 1254250 | 1900853  | 4.79%  | 0.464% |
| 47 | 9.922  | 1328 | 1332 | 1334 | rVV2 | 2755260 | 3659563  | 9.21%  | 0.893% |
| 48 | 9.986  | 1341 | 1343 | 1346 | rVB3 | 1176463 | 1106056  | 2.79%  | 0.270% |
| 49 | 10.175 | 1373 | 1375 | 1378 | rBV2 | 1167072 | 1065222  | 2.68%  | 0.260% |
| 50 | 10.257 | 1383 | 1389 | 1392 | rBV  | 8192053 | 12458858 | 31.37% | 3.040% |
| 51 | 10.292 | 1393 | 1395 | 1399 | rVB  | 2882960 | 2720290  | 6.85%  | 0.664% |
| 52 | 10.381 | 1408 | 1410 | 1413 | rVB  | 1998570 | 1515769  | 3.82%  | 0.370% |
| 53 | 10.451 | 1419 | 1422 | 1423 | rBV2 | 1270965 | 1314455  | 3.31%  | 0.321% |
| 54 | 10.475 | 1424 | 1426 | 1430 | rVB  | 3268919 | 3265444  | 8.22%  | 0.797% |
| 55 | 10.580 | 1441 | 1444 | 1448 | rVB  | 3130974 | 3312892  | 8.34%  | 0.808% |
| 56 | 10.851 | 1487 | 1490 | 1496 | rVB2 | 4176855 | 5281693  | 13.30% | 1.289% |
| 57 | 11.322 | 1566 | 1570 | 1575 | rVB  | 4281598 | 5328996  | 13.42% | 1.300% |
| 58 | 12.610 | 1786 | 1789 | 1792 | rBV2 | 1803899 | 1966105  | 4.95%  | 0.480% |
| 59 | 12.769 | 1814 | 1816 | 1823 | rVB  | 2588228 | 3167578  | 7.98%  | 0.773% |
| 60 | 12.998 | 1851 | 1855 | 1857 | rBV  | 4906040 | 5590631  | 14.08% | 1.364% |
| 61 | 13.027 | 1857 | 1860 | 1864 | rVB  | 2643641 | 2840286  | 7.15%  | 0.693% |
| 62 | 13.380 | 1917 | 1920 | 1924 | rVB  | 2133929 | 2120903  | 5.34%  | 0.517% |
| 63 | 13.721 | 1974 | 1978 | 1982 | rVB  | 3618976 | 3804674  | 9.58%  | 0.928% |
| 64 | 13.957 | 2014 | 2018 | 2022 | rVB  | 6235712 | 6471874  | 16.30% | 1.579% |
| 65 | 14.157 | 2050 | 2052 | 2056 | rVB  | 1188254 | 1136697  | 2.86%  | 0.277% |
| 66 | 14.268 | 2067 | 2071 | 2075 | rVB  | 4296508 | 4185570  | 10.54% | 1.021% |
| 67 | 14.333 | 2079 | 2082 | 2085 | rVB  | 958583  | 1261007  | 3.18%  | 0.308% |
| 68 | 14.427 | 2095 | 2098 | 2102 | rVB2 | 2105731 | 2243688  | 5.65%  | 0.547% |
| 69 | 14.504 | 2108 | 2111 | 2114 | rBV  | 1025438 | 1129000  | 2.84%  | 0.275% |
| 70 | 14.574 | 2119 | 2123 | 2127 | rVB  | 5384639 | 6327067  | 15.93% | 1.544% |
| 71 | 14.668 | 2136 | 2139 | 2143 | rBV2 | 1058444 | 1432716  | 3.61%  | 0.350% |
| 72 | 14.810 | 2157 | 2163 | 2171 | rBV  | 9396255 | 14335370 | 36.10% | 3.498% |
| 73 | 14.874 | 2172 | 2174 | 2176 | rVV  | 1082021 | 1101687  | 2.77%  | 0.269% |
| 74 | 14.898 | 2176 | 2178 | 2185 | rVB2 | 1083250 | 1116461  | 2.81%  | 0.272% |
| 75 | 15.004 | 2193 | 2196 | 2202 | rBV2 | 1714470 | 2959981  | 7.45%  | 0.722% |
| 76 | 15.051 | 2202 | 2204 | 2209 | rVB4 | 920295  | 1152518  | 2.90%  | 0.281% |

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 Sample : L4779-14  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1605-1607

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-BF110920.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 77 | 15.145 | 2215 | 2220 | 2225 | rVB  | 5545728 | 7120336  | 17.93% | 1.737% |
| 78 | 15.245 | 2234 | 2237 | 2248 | rVB  | 1229925 | 2376909  | 5.99%  | 0.580% |
| 79 | 15.333 | 2248 | 2252 | 2255 | rBV  | 874127  | 1327982  | 3.34%  | 0.324% |
| 80 | 15.421 | 2263 | 2267 | 2274 | rVB2 | 1838402 | 2801031  | 7.05%  | 0.683% |
| 81 | 15.527 | 2279 | 2285 | 2294 | rVB  | 5251321 | 9070958  | 22.84% | 2.213% |
| 82 | 15.657 | 2304 | 2307 | 2310 | rBV3 | 330916  | 528358   | 1.33%  | 0.129% |
| 83 | 15.792 | 2326 | 2330 | 2332 | rBV2 | 388090  | 536992   | 1.35%  | 0.131% |
| 84 | 15.863 | 2332 | 2342 | 2350 | rVB  | 9820558 | 23523663 | 59.23% | 5.739% |
| 85 | 15.939 | 2351 | 2355 | 2358 | rBV  | 738786  | 1089172  | 2.74%  | 0.266% |
| 86 | 16.045 | 2369 | 2373 | 2379 | rVB2 | 613426  | 1093229  | 2.75%  | 0.267% |
| 87 | 16.110 | 2379 | 2384 | 2396 | rVB  | 945903  | 1877950  | 4.73%  | 0.458% |
| 88 | 16.227 | 2401 | 2404 | 2408 | rBV2 | 290141  | 494623   | 1.25%  | 0.121% |
| 89 | 16.327 | 2413 | 2421 | 2430 | rVB  | 5027150 | 10435544 | 26.28% | 2.546% |
| 90 | 16.415 | 2431 | 2436 | 2442 | rVB2 | 576886  | 1131142  | 2.85%  | 0.276% |
| 91 | 16.486 | 2443 | 2448 | 2459 | rVB  | 557508  | 1388614  | 3.50%  | 0.339% |
| 92 | 16.580 | 2461 | 2464 | 2469 | rBV  | 289542  | 434099   | 1.09%  | 0.106% |
| 93 | 16.727 | 2484 | 2489 | 2494 | rBV2 | 379365  | 855281   | 2.15%  | 0.209% |
| 94 | 16.886 | 2502 | 2516 | 2533 | rVB  | 3514113 | 11495147 | 28.94% | 2.805% |
| 95 | 17.392 | 2584 | 2602 | 2614 | rBV  | 7555005 | 28868617 | 72.69% | 7.044% |
| 96 | 17.498 | 2616 | 2620 | 2626 | rVB2 | 415075  | 788666   | 1.99%  | 0.192% |
| 97 | 17.745 | 2657 | 2662 | 2681 | rVB  | 587344  | 1775815  | 4.47%  | 0.433% |
| 98 | 18.098 | 2710 | 2722 | 2738 | rVB  | 3156397 | 9250680  | 23.29% | 2.257% |

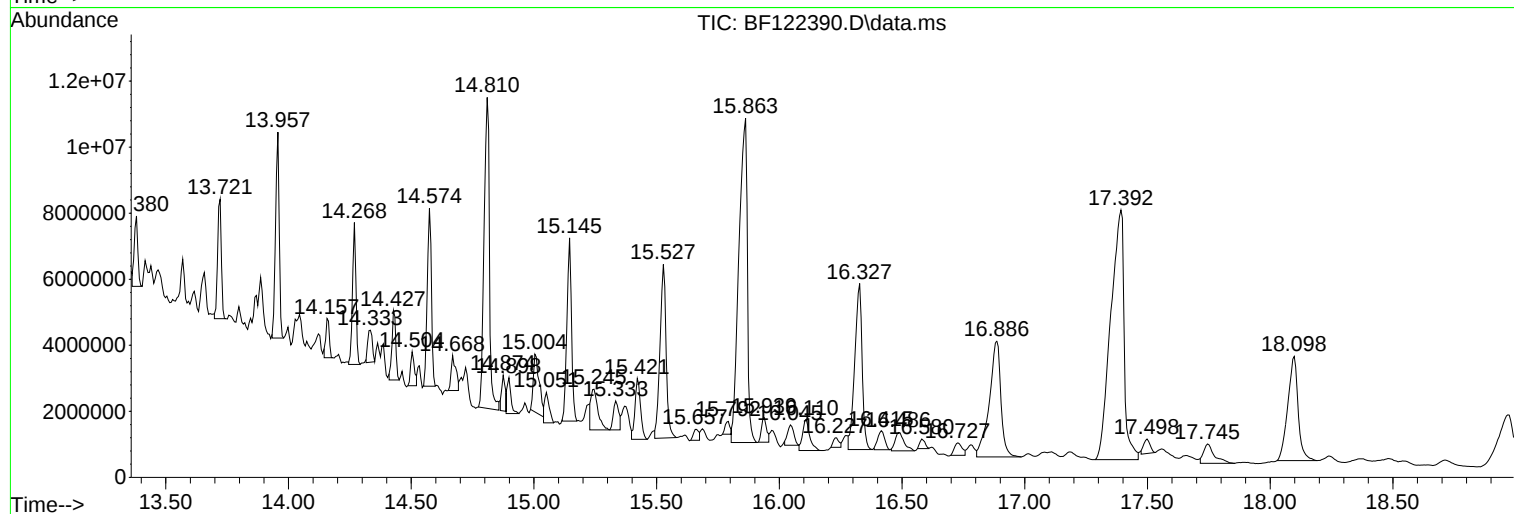
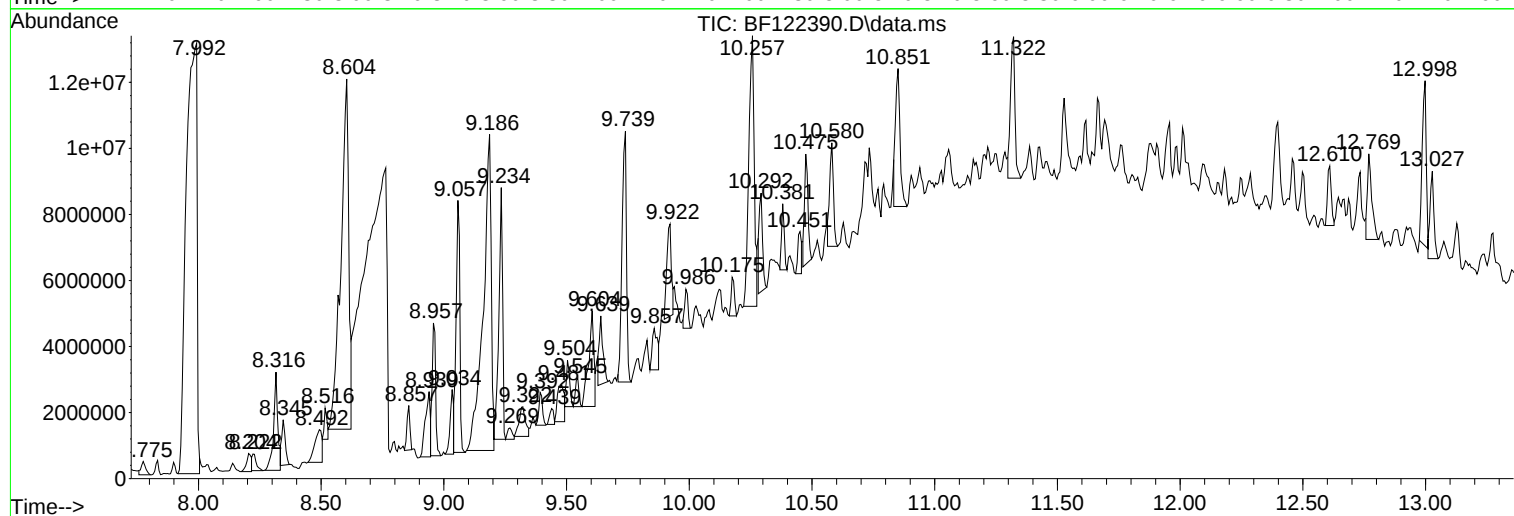
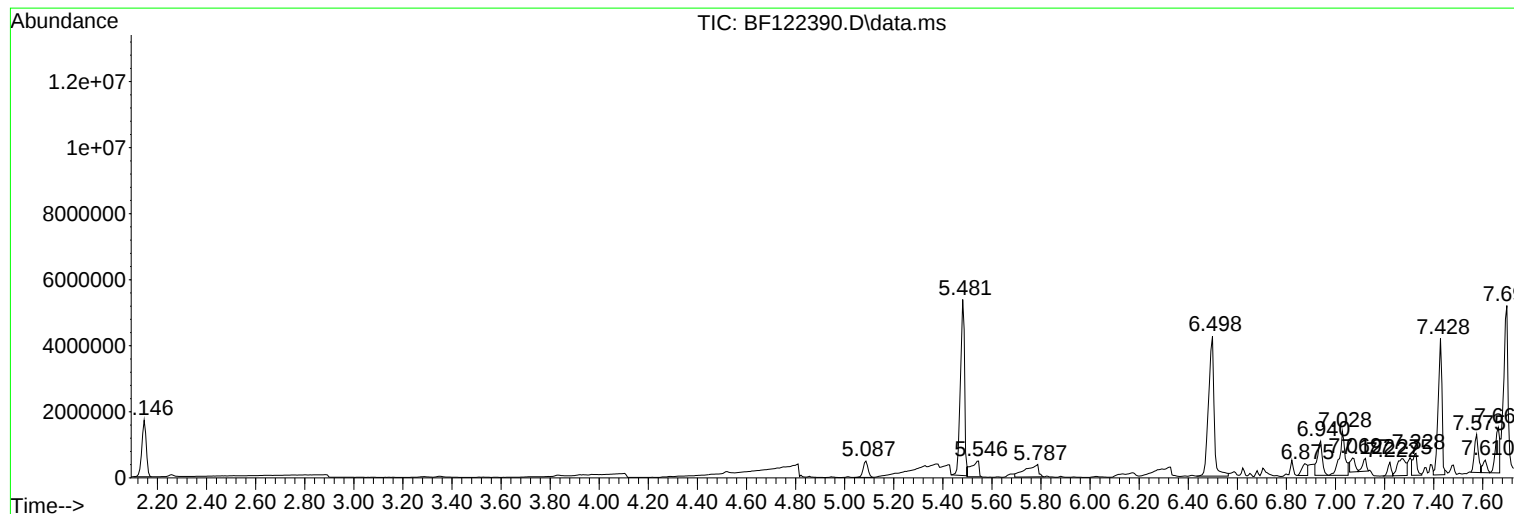
Sum of corrected areas: 409857040

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.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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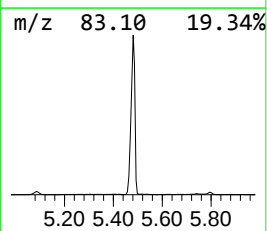
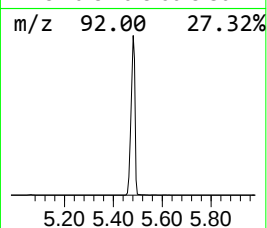
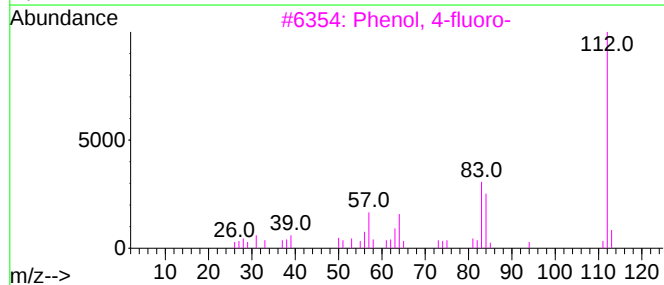
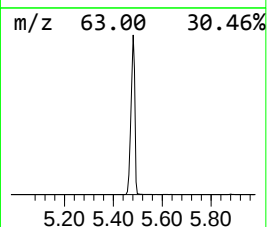
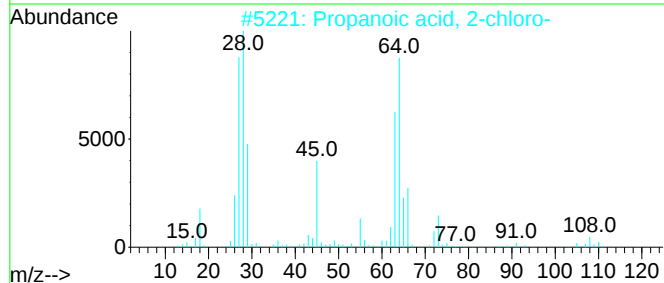
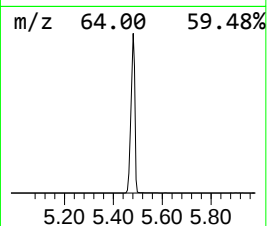
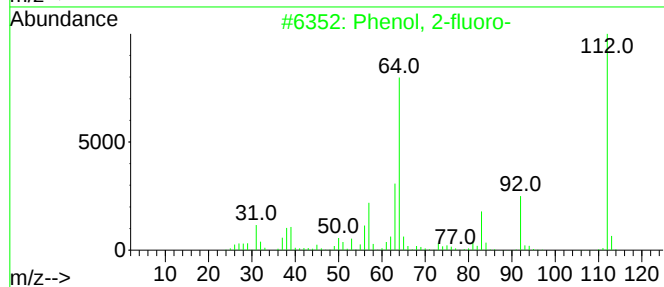
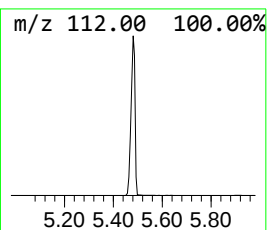
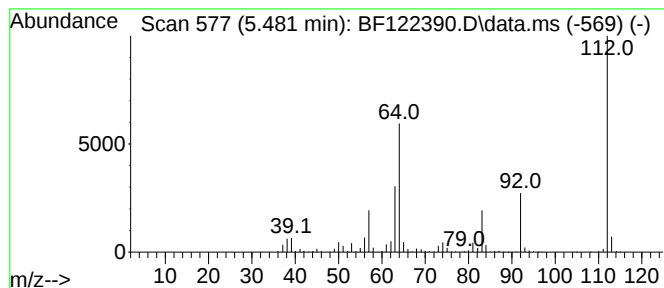
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Phenol, 2-fluoro- Concentration Rank 13

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 5.481 | 169.07 ng | 6220760 | Naphthalene-d8   | 8.192 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Phenol, 2-fluoro-                   | 112 | C6H5FO   | 000367-12-4 | 91   |
| 2    |    |   | Propanoic acid, 2-chloro-           | 108 | C3H5ClO2 | 000598-78-7 | 25   |
| 3    |    |   | Phenol, 4-fluoro-                   | 112 | C6H5FO   | 000371-41-5 | 22   |
| 4    |    |   | Pyridine, 1,2,3,6-tetrahydro-1-n... | 112 | C5H8N2O  | 055556-92-8 | 10   |
| 5    |    |   | 1,4-Cyclohexanedione                | 112 | C6H8O2   | 000637-88-7 | 10   |



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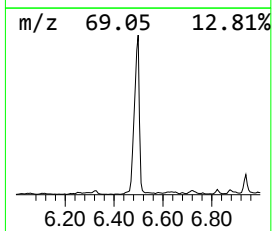
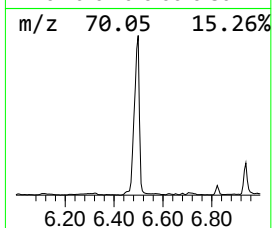
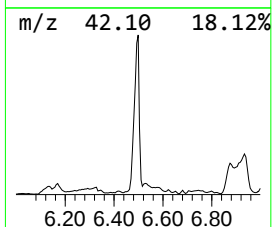
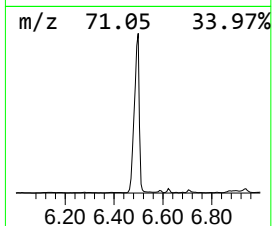
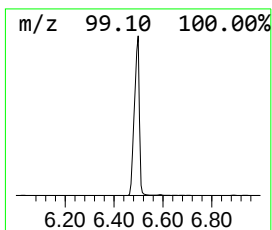
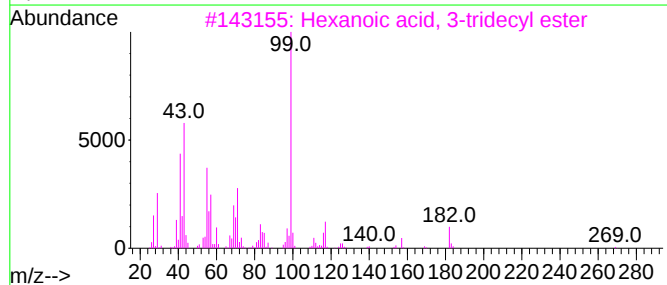
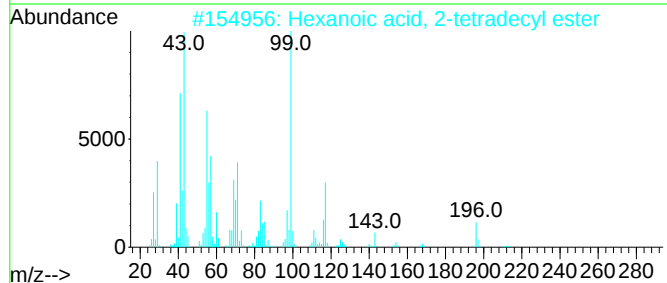
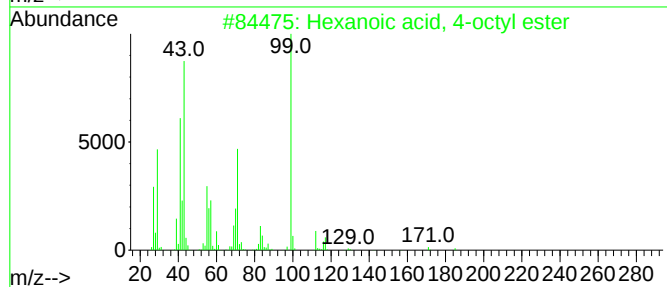
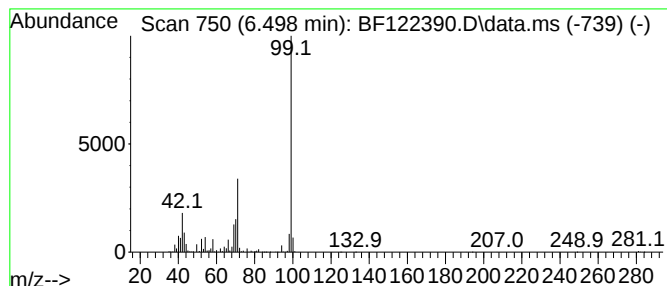
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Hexanoic acid, 4-octyl ester Concentration Rank 12

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 6.498 | 177.58 ng | 6533930 | Naphthalene-d8   | 8.192 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexanoic acid, 4-octyl ester        | 228 | C14H28O2 | 1000160-13-3 | 72   |
| 2    |    |   | Hexanoic acid, 2-tetradecyl ester   | 312 | C20H40O2 | 055193-21-0  | 72   |
| 3    |    |   | Hexanoic acid, 3-tridecyl ester     | 298 | C19H38O2 | 1000279-29-2 | 56   |
| 4    |    |   | Hexanoic acid, 3-tetradecyl ester   | 312 | C20H40O2 | 1000279-29-7 | 56   |
| 5    |    |   | 2(3H)-Furanone, 5-hexyldihydro-4... | 184 | C11H20O2 | 147254-33-9  | 56   |



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Acq On : 19 Nov 2020 20:10  
Operator : JU/CG  
Sample : L4779-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1605-1607

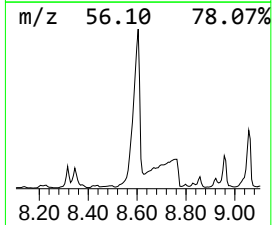
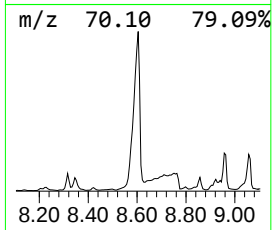
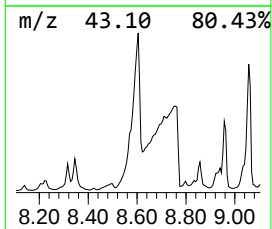
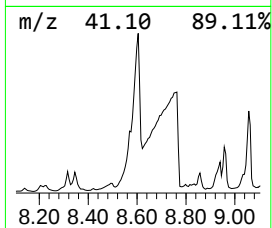
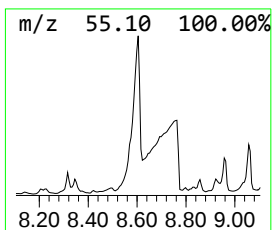
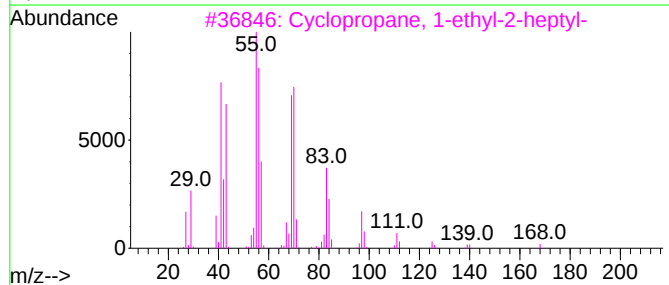
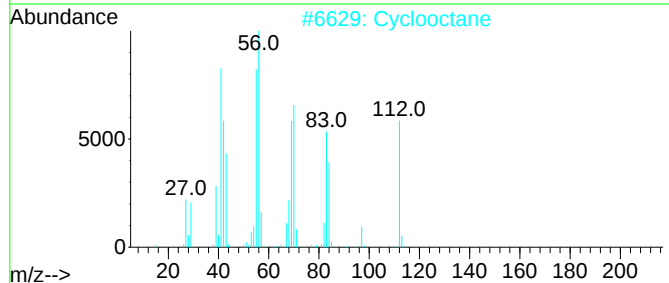
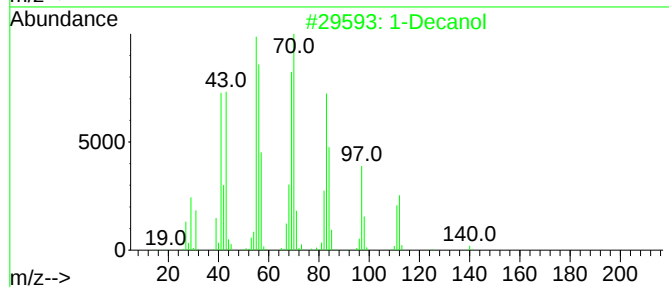
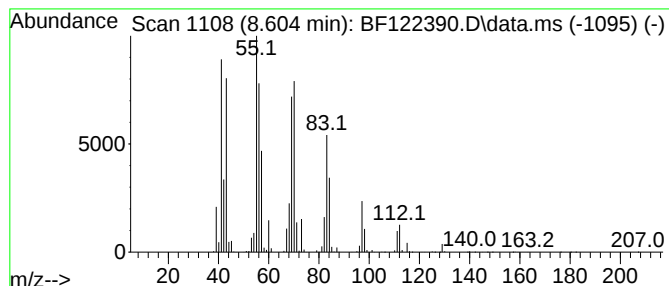
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 1-Decanol Concentration Rank 3

| R.T.  | EstConc   | Area     | Relative to ISTD | R.T.  |
|-------|-----------|----------|------------------|-------|
| 8.604 | 652.53 ng | 24009800 | Naphthalene-d8   | 8.192 |

| Hit# | of                              | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Decanol                       |   |              | 158 | C10H22O | 000112-30-1 | 91   |
| 2    | Cyclooctane                     |   |              | 112 | C8H16   | 000292-64-8 | 87   |
| 3    | Cyclopropane, 1-ethyl-2-heptyl- |   |              | 168 | C12H24  | 074663-86-8 | 80   |
| 4    | 1-Undecanol                     |   |              | 172 | C11H24O | 000112-42-5 | 80   |
| 5    | 2-Nonenal, (E)-                 |   |              | 140 | C9H16O  | 018829-56-6 | 60   |



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Data File : BF122390.D  
Acq On : 19 Nov 2020 20:10  
Operator : JU/CG  
Sample : L4779-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1605-1607

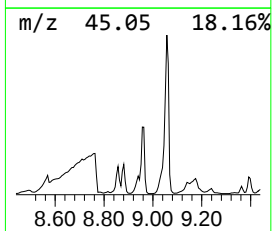
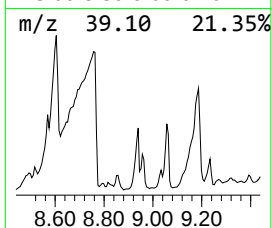
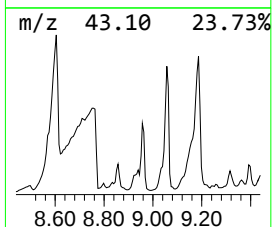
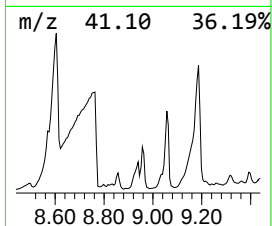
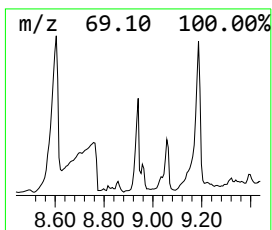
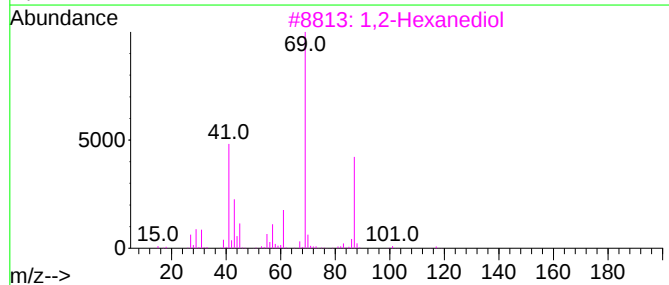
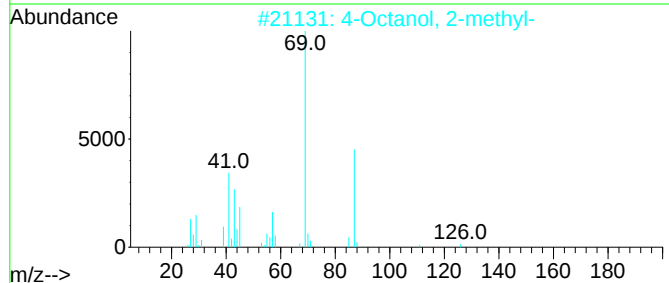
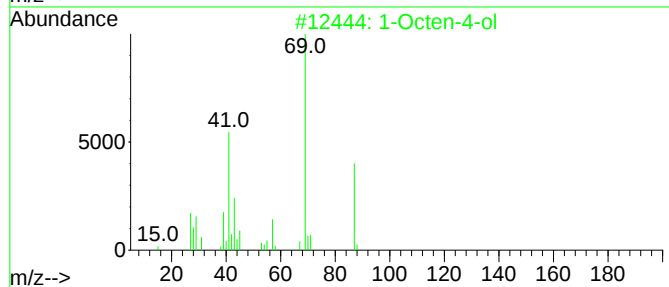
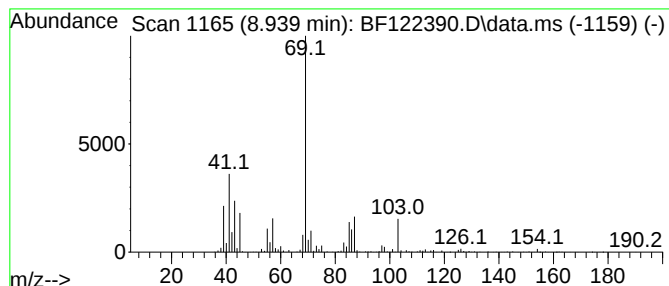
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 1-Octen-4-ol Concentration Rank 20

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.939 | 74.54 ng | 2742790 | Naphthalene-d8   | 8.192 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 1-Octen-4-ol                        | 128 | C8H16O   | 040575-42-6 | 59   |
| 2    |      | 4-Octanol, 2-methyl-                | 144 | C9H20O   | 040575-41-5 | 53   |
| 3    |      | 1,2-Hexanediol                      | 118 | C6H14O2  | 006920-22-5 | 53   |
| 4    |      | Cyclopropanecarboxylic acid, sil... | 192 | C4H5AgO2 | 075112-77-5 | 50   |
| 5    |      | 3-Hexanol, 2,5-dimethyl-            | 130 | C8H18O   | 019550-07-3 | 45   |



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Acq On : 19 Nov 2020 20:10  
Operator : JU/CG  
Sample : L4779-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
COMP-1605-1607

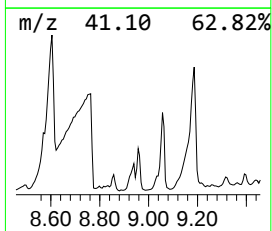
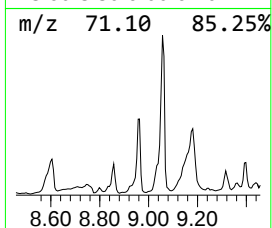
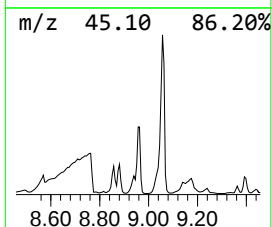
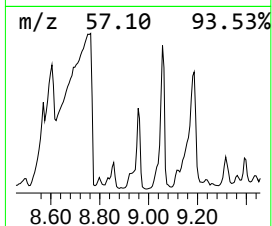
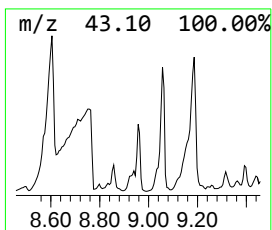
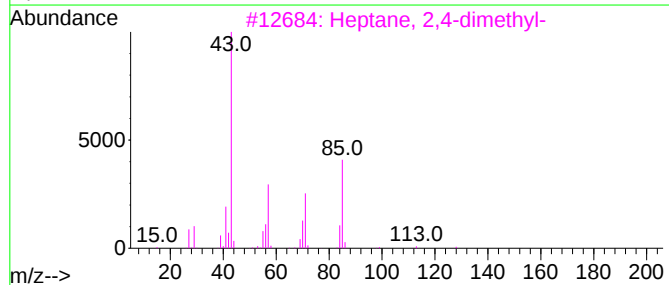
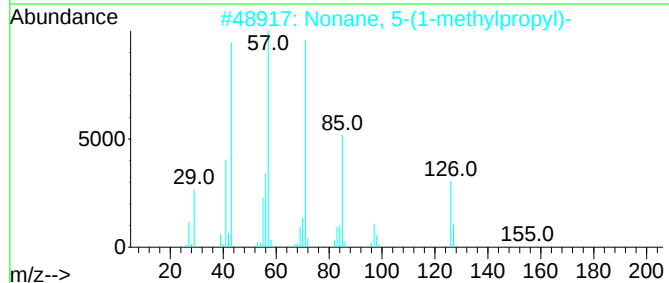
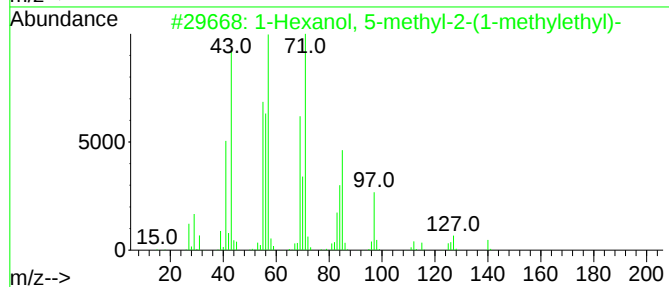
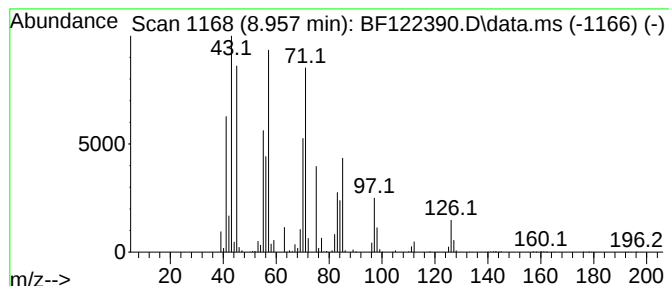
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 unknown8.957 Concentration Rank 18

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 8.957 | 105.03 ng | 3864440 | Naphthalene-d8   | 8.192 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Hexanol, 5-methyl-2-(1-methyle... | 158 | C10H22O | 002051-33-4 | 49   |
| 2    |    |   | Nonane, 5-(1-methylpropyl)-         | 184 | C13H28  | 062185-54-0 | 38   |
| 3    |    |   | Heptane, 2,4-dimethyl-              | 128 | C9H20   | 002213-23-2 | 35   |
| 4    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32  | 003891-98-3 | 27   |
| 5    |    |   | Decane, 2,3,7-trimethyl-            | 184 | C13H28  | 062238-13-5 | 27   |



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Acq On : 19 Nov 2020 20:10  
Operator : JU/CG  
Sample : L4779-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1605-1607

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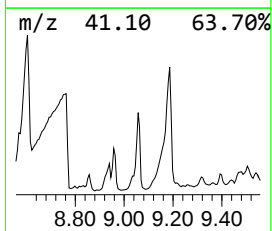
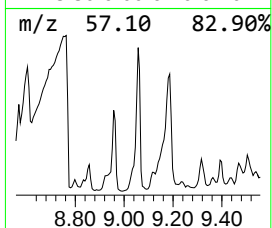
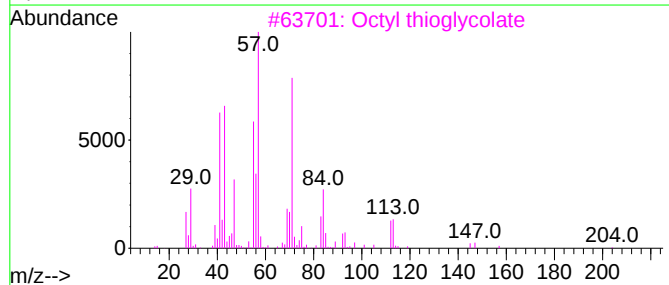
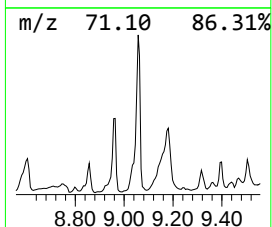
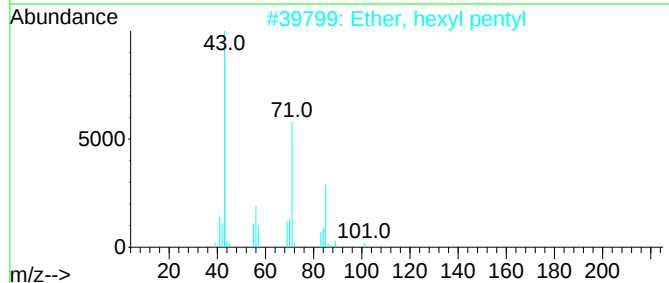
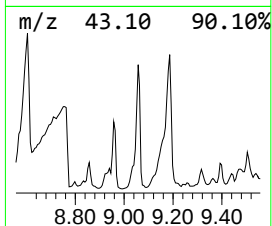
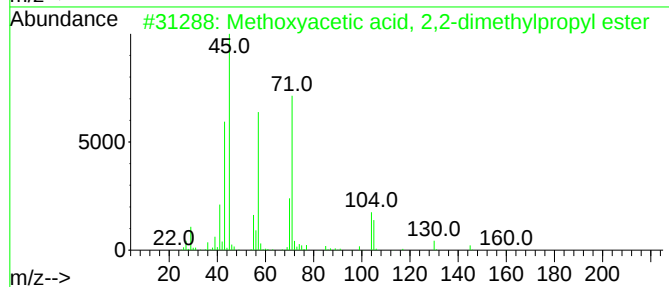
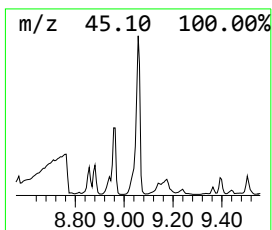
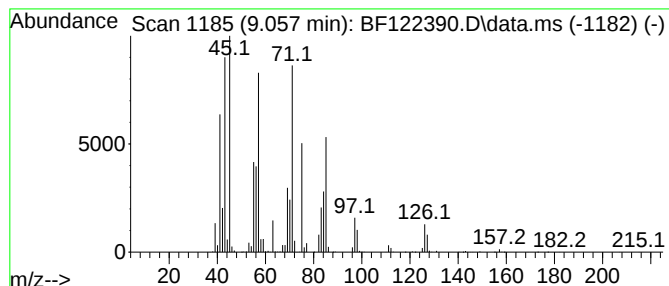
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown9.057 Concentration Rank 11

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 9.057 | 215.12 ng | 7915110 | Naphthalene-d8   | 8.192 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Methoxyacetic acid, 2,2-dimethyl... | 160 | C8H16O3   | 1000282-41-0 | 38   |
| 2    |    |   | Ether, hexyl pentyl                 | 172 | C11H24O   | 032357-83-8  | 38   |
| 3    |    |   | Octyl thioglycolate                 | 204 | C10H20O2S | 007664-80-4  | 35   |
| 4    |    |   | Sulfurous acid, nonyl 2-propyl e... | 250 | C12H26O3S | 1000309-12-0 | 35   |
| 5    |    |   | Octane, 1-methoxy-                  | 144 | C9H20O    | 000929-56-6  | 35   |



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Data File : BF122390.D  
Acq On : 19 Nov 2020 20:10  
Operator : JU/CG  
Sample : L4779-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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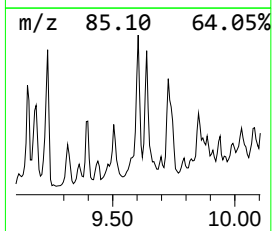
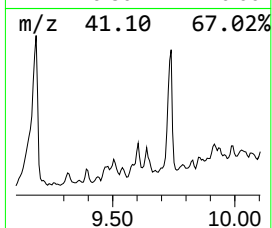
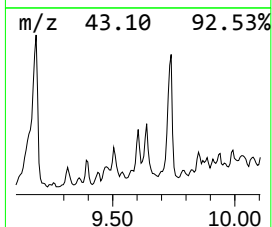
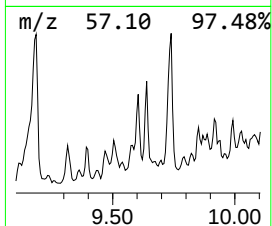
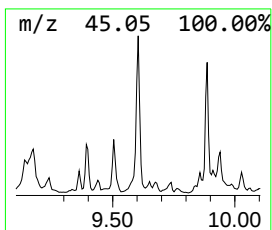
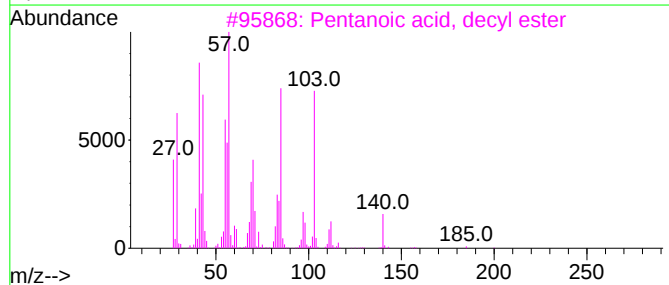
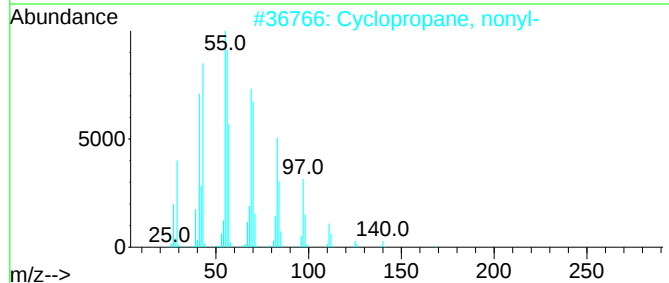
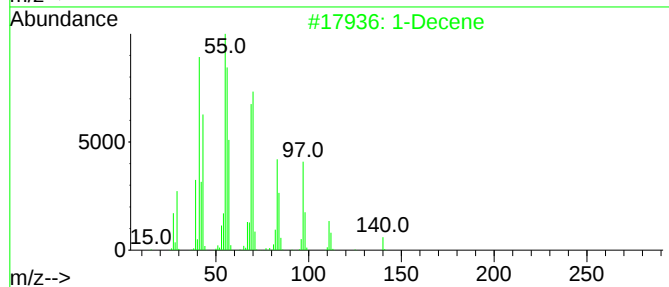
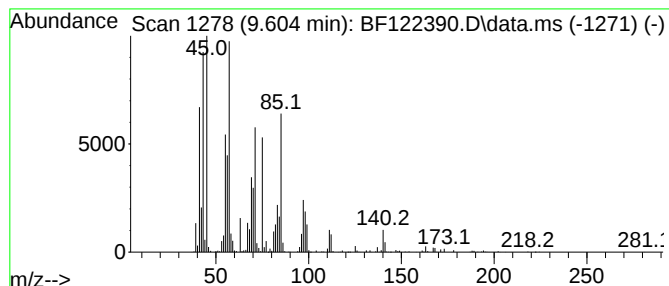
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 unknown9.604 Concentration Rank 19

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.604 | 78.98 ng | 4367740 | Acenaphthene-d10 | 9.981 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1-Decene                            | 140 | C10H20    | 000872-05-9  | 35   |
| 2    |    |   | Cyclopropane, nonyl-                | 168 | C12H24    | 074663-85-7  | 25   |
| 3    |    |   | Pentanoic acid, decyl ester         | 242 | C15H30O2  | 005454-12-6  | 25   |
| 4    |    |   | Decane, 2,4,6-trimethyl-            | 184 | C13H28    | 062108-27-4  | 22   |
| 5    |    |   | Sulfurous acid, decyl 2-propyl e... | 264 | C13H28O3S | 1000309-12-1 | 22   |



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Sample : L4779-14  
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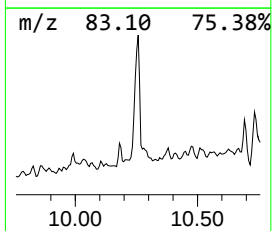
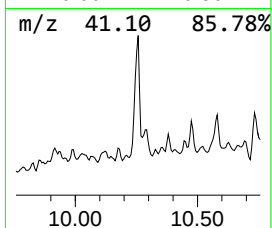
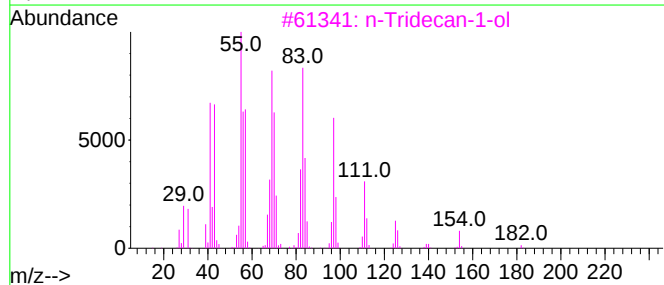
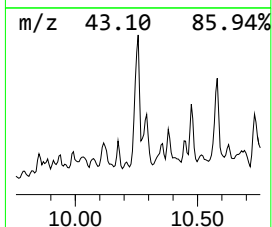
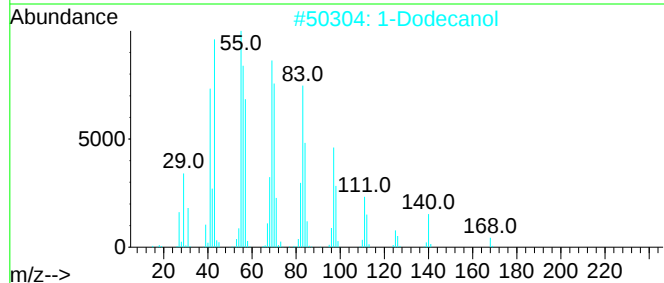
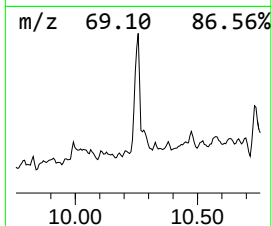
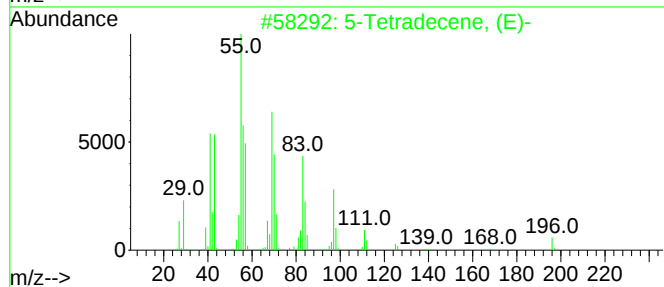
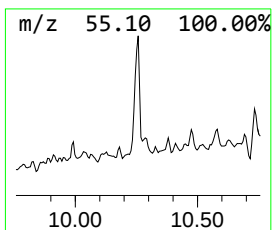
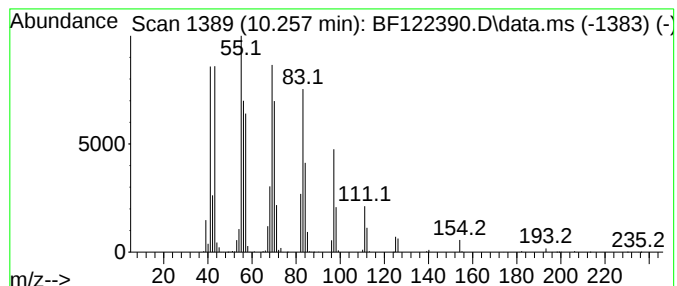
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COMP-1605-1607

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 5-Tetradecene, (E)- Concentration Rank 10

| R.T.      | EstConc             | Area     | Relative to ISTD | R.T.        |      |
|-----------|---------------------|----------|------------------|-------------|------|
| 10.257    | 225.28 ng           | 12458900 | Acenaphthene-d10 | 9.981       |      |
| Hit# of 5 | Tentative ID        | MW       | MolForm          | CAS#        | Qual |
| 1         | 5-Tetradecene, (E)- | 196      | C14H28           | 041446-66-6 | 94   |
| 2         | 1-Dodecanol         | 186      | C12H26O          | 000112-53-8 | 91   |
| 3         | n-Tridecan-1-ol     | 200      | C13H28O          | 000112-70-9 | 91   |
| 4         | Cyclododecane       | 168      | C12H24           | 000294-62-2 | 91   |
| 5         | 1-Undecanol         | 172      | C11H24O          | 000112-42-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111920\  
Data File : BF122390.D  
Acq On : 19 Nov 2020 20:10  
Operator : JU/CG  
Sample : L4779-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1605-1607

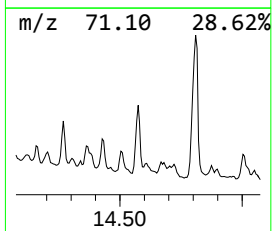
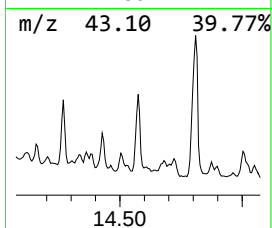
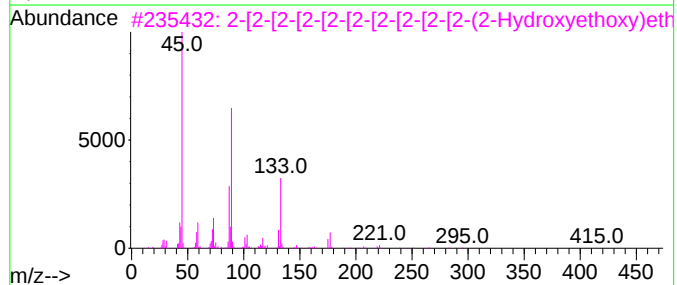
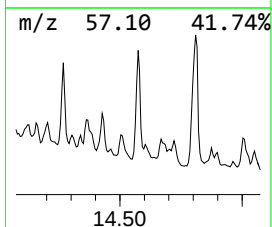
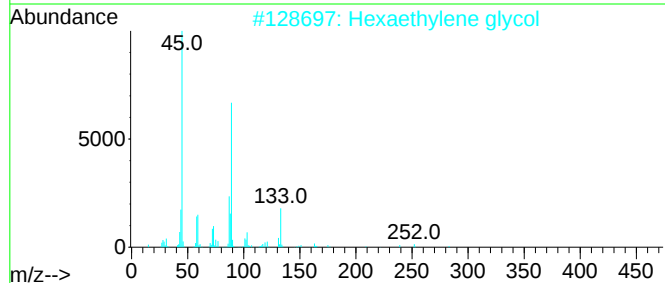
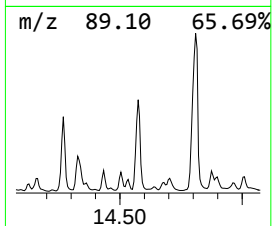
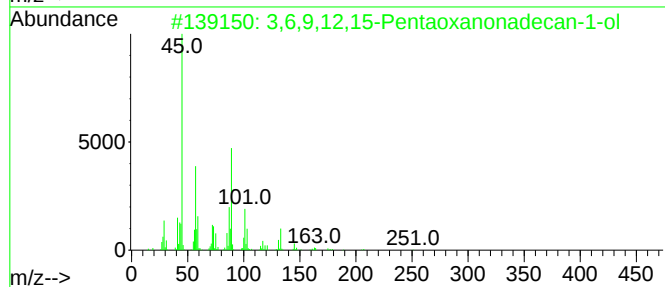
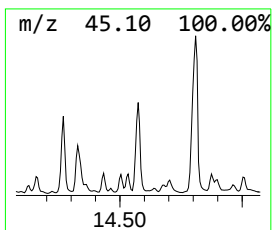
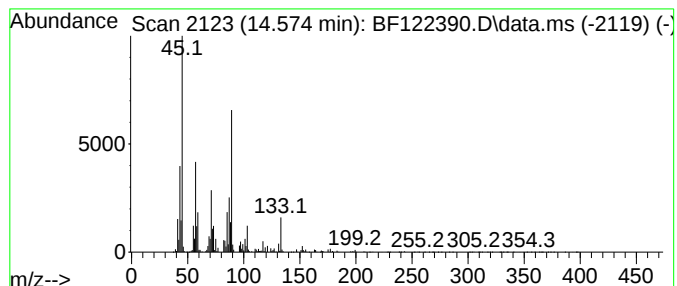
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Hexaethylene glycol Concentration Rank 16

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.   |
|--------|-----------|---------|------------------|--------|
| 14.574 | 111.32 ng | 6327070 | Chrysene-d12     | 14.133 |

| Hit# | of                                 | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 3,6,9,12,15-Pentaoxanonadecan-1-ol | 294 | C14H30O6     | 001786-94-3  | 83      |      |      |
| 2    | Hexaethylene glycol                | 282 | C12H26O7     | 002615-15-8  | 83      |      |      |
| 3    | 2-[2-[2-[2-[2-[2-[2-[2-(2-...      | 502 | C22H46O12    | 1000352-13-2 | 80      |      |      |
| 4    | 2-[2-[2-[2-[2-[2-[2-[2-(2-...      | 546 | C24H50O13    | 1000352-12-7 | 80      |      |      |
| 5    | 2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...   | 458 | C20H42O11    | 1000352-12-6 | 80      |      |      |







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Operator : JU/CG  
Sample : L4779-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1605-1607

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

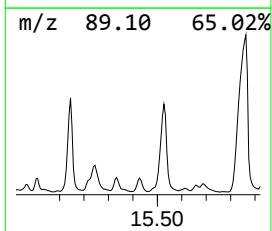
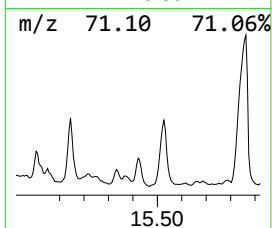
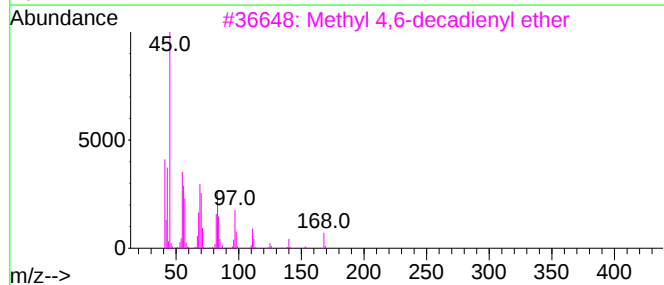
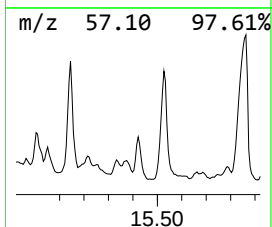
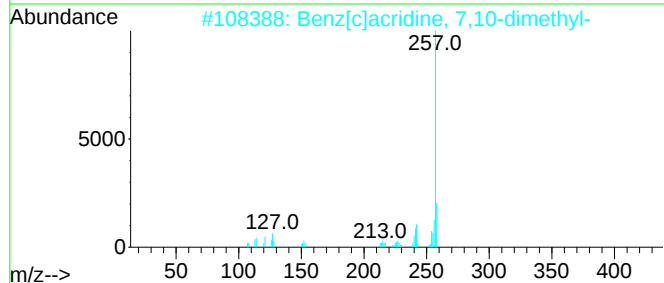
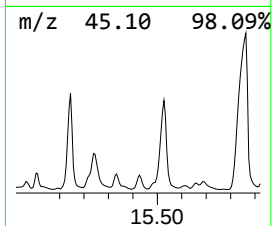
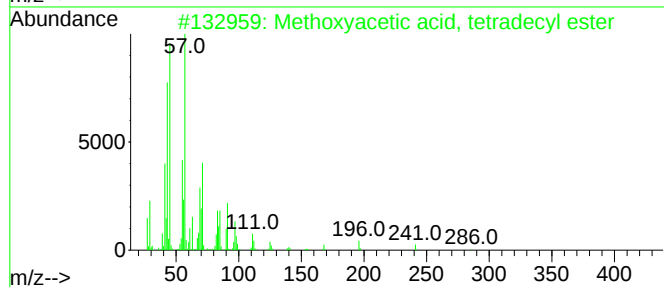
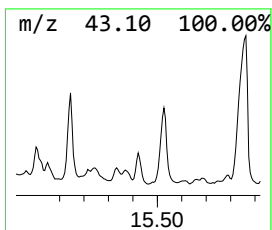
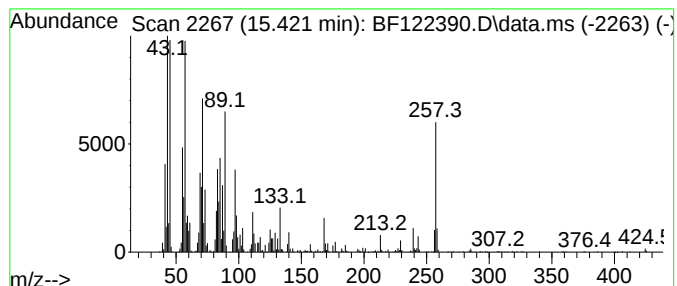
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Methoxyacetic acid, tetradec... Concentration Rank 17

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.   |
|--------|-----------|---------|------------------|--------|
| 15.421 | 106.03 ng | 2801030 | Perylene-d12     | 15.692 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Methoxyacetic acid, tetradecyl e... | 286 | C17H34O3 | 1000281-82-1 | 64   |
| 2    |    |   | Benz[c]acridine, 7,10-dimethyl-     | 257 | C19H15N  | 002381-40-0  | 58   |
| 3    |    |   | Methyl 4,6-decadienyl ether         | 168 | C11H20O  | 1000130-99-8 | 46   |
| 4    |    |   | Dodecane, 1-methoxy-                | 200 | C13H28O  | 003482-63-1  | 43   |
| 5    |    |   | 2-[2-[2-[2-[2-[2-(2-Hydroxyet...    | 370 | C16H34O9 | 005117-19-1  | 41   |





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Sample : L4779-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1605-1607

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

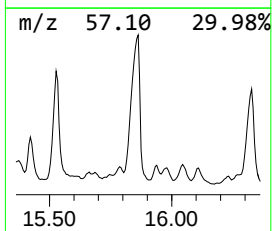
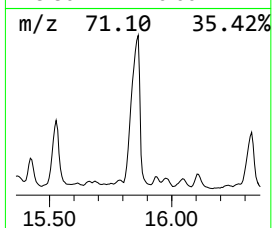
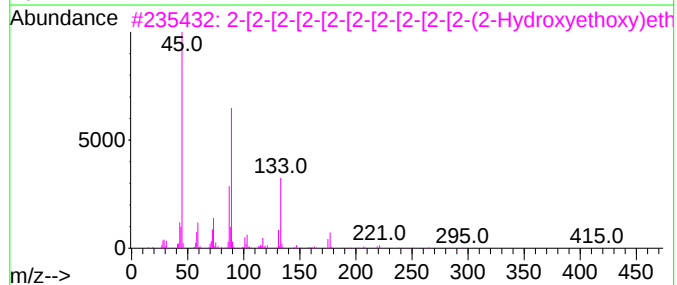
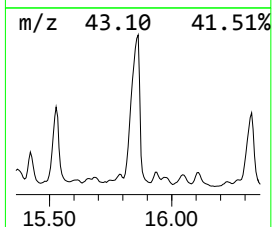
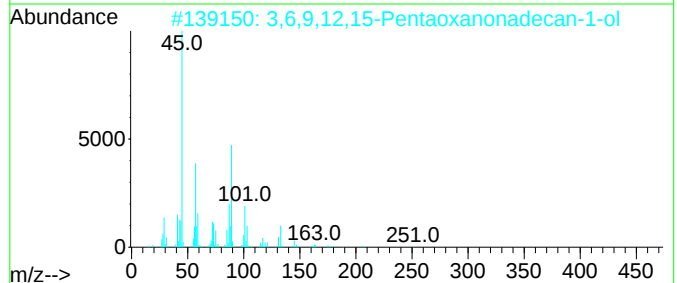
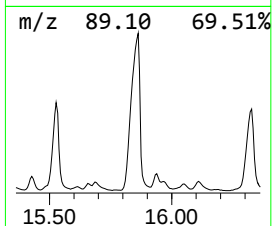
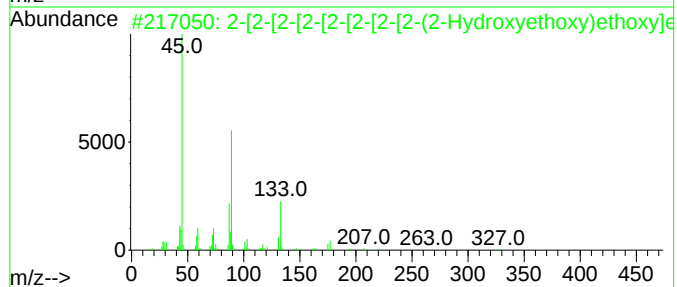
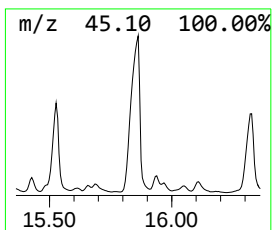
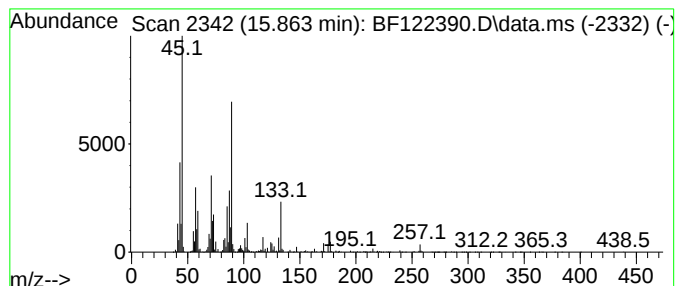
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 2-[2-[2-[2-[2-[2-[2-[2-[... Concentration Rank 2

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 15.863 | 890.44 ng | 23523700 | Perylene-d12     | 15.692 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-[2-[2-[2-[2-[2-[2-(2-Hydrox...    | 414 | C18H38010    | 1000352-12-5 | 87      |      |      |
| 2    | 3,6,9,12,15-Pentaoxanonadecan-1-ol  | 294 | C14H3006     | 001786-94-3  | 86      |      |      |
| 3    | 2-[2-[2-[2-[2-[2-[2-[2-(2-...       | 502 | C22H46012    | 1000352-13-2 | 81      |      |      |
| 4    | 2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet... | 370 | C16H3409     | 005117-19-1  | 74      |      |      |
| 5    | 2-[2-[2-[2-[2-[2-[2-(2-Methoxyet... | 384 | C17H3609     | 1000352-04-2 | 74      |      |      |









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 Operator : JU/CG  
 Sample : L4779-14  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1605-1607

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.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 |
| Phenol, 2-fluoro-  | 5.481  | 169.1   | ng    | 6220760  | 1                     | 8.192  | 735894  | 20.0 |
| Hexanoic acid, ... | 6.498  | 177.6   | ng    | 6533930  | 1                     | 8.192  | 735894  | 20.0 |
| 1-Decanol          | 8.604  | 652.5   | ng    | 24009800 | 1                     | 8.192  | 735894  | 20.0 |
| 1-Octen-4-ol       | 8.939  | 74.5    | ng    | 2742790  | 1                     | 8.192  | 735894  | 20.0 |
| unknown8.957       | 8.957  | 105.0   | ng    | 3864440  | 1                     | 8.192  | 735894  | 20.0 |
| unknown9.057       | 9.057  | 215.1   | ng    | 7915110  | 1                     | 8.192  | 735894  | 20.0 |
| unknown9.604       | 9.604  | 79.0    | ng    | 4367740  | 2                     | 9.981  | 1106060 | 20.0 |
| 5-Tetradecene, ... | 10.257 | 225.3   | ng    | 12458900 | 2                     | 9.981  | 1106060 | 20.0 |
| Hexaethylene gl... | 14.574 | 111.3   | ng    | 6327070  | 4                     | 14.133 | 1136700 | 20.0 |
| 3,6,9,12,15-Pen... | 14.810 | 252.2   | ng    | 14335400 | 4                     | 14.133 | 1136700 | 20.0 |
| Octaethylene gl... | 15.004 | 112.1   | ng    | 2959980  | 5                     | 15.692 | 528358  | 20.0 |
| Methoxyacetic a... | 15.421 | 106.0   | ng    | 2801030  | 5                     | 15.692 | 528358  | 20.0 |
| 2-[2-[2-[2-[2-...  | 15.527 | 343.4   | ng    | 9070960  | 5                     | 15.692 | 528358  | 20.0 |
| 2-[2-[2-[2-[2-...  | 15.863 | 890.4   | ng    | 23523700 | 5                     | 15.692 | 528358  | 20.0 |
| 2-[2-[2-[2-[2-...  | 16.886 | 435.1   | ng    | 11495100 | 5                     | 15.692 | 528358  | 20.0 |
| 2-[2-[2-[2-[2-...  | 17.392 | 1092.8  | ng    | 28868600 | 5                     | 15.692 | 528358  | 20.0 |
| 2-[2-[2-[2-[2-...  | 18.098 | 350.2   | ng    | 9250680  | 5                     | 15.692 | 528358  | 20.0 |