

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
 Data File : BF126179.D  
 Acq On : 13 Nov 2021 20:56  
 Operator : JU/CG  
 Sample : M4654-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PARKINGLOT-BOTTOM-U-SP

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-BF110321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126179.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         | 5.445       | 566           | 571         | 574          | rBV      | 3353286        | 3285790       | 75.51%          | 7.456%        |
| 2         | 6.463       | 738           | 744         | 747          | rBV      | 3325732        | 3436913       | 78.98%          | 7.799%        |
| 3         | 6.669       | 775           | 779         | 786          | rBV2     | 168968         | 150671        | 3.46%           | 0.342%        |
| 4         | 6.828       | 803           | 806         | 814          | rVB      | 935425         | 804874        | 18.50%          | 1.826%        |
| 5         | 7.222       | 870           | 873         | 877          | rBV2     | 77362          | 76744         | 1.76%           | 0.174%        |
| 6         | 7.392       | 893           | 902         | 905          | rBV      | 2643484        | 2392822       | 54.99%          | 5.429%        |
| 7         | 7.434       | 905           | 909         | 912          | rVV      | 388459         | 346292        | 7.96%           | 0.786%        |
| 8         | 7.481       | 912           | 917         | 920          | rVB4     | 57314          | 83791         | 1.93%           | 0.190%        |
| 9         | 7.639       | 942           | 944         | 947          | rVB2     | 75797          | 64900         | 1.49%           | 0.147%        |
| 10        | 7.804       | 968           | 972         | 974          | rVB3     | 79386          | 90315         | 2.08%           | 0.205%        |
| 11        | 7.834       | 974           | 977         | 979          | rBV      | 114248         | 104139        | 2.39%           | 0.236%        |
| 12        | 7.869       | 981           | 983         | 987          | rVB3     | 112084         | 120751        | 2.77%           | 0.274%        |
| 13        | 7.910       | 987           | 990         | 993          | rBV2     | 72664          | 74850         | 1.72%           | 0.170%        |
| 14        | 8.016       | 1005          | 1008        | 1013         | rBV      | 401412         | 339506        | 7.80%           | 0.770%        |
| 15        | 8.116       | 1019          | 1025        | 1028         | rBV2     | 1108690        | 1560342       | 35.86%          | 3.541%        |
| 16        | 8.181       | 1028          | 1036        | 1038         | rVB2     | 212602         | 278164        | 6.39%           | 0.631%        |
| 17        | 8.210       | 1038          | 1041        | 1043         | rBV4     | 58432          | 61297         | 1.41%           | 0.139%        |
| 18        | 8.275       | 1047          | 1052        | 1053         | rBV4     | 52418          | 62794         | 1.44%           | 0.142%        |
| 19        | 8.316       | 1056          | 1059        | 1062         | rVB3     | 76675          | 88659         | 2.04%           | 0.201%        |
| 20        | 8.357       | 1062          | 1066        | 1070         | rBV5     | 47631          | 83432         | 1.92%           | 0.189%        |
| 21        | 8.410       | 1070          | 1075        | 1077         | rBV4     | 198435         | 251683        | 5.78%           | 0.571%        |
| 22        | 8.463       | 1082          | 1084        | 1087         | rVB3     | 171396         | 146570        | 3.37%           | 0.333%        |
| 23        | 8.498       | 1087          | 1090        | 1093         | rBV2     | 181924         | 184018        | 4.23%           | 0.418%        |
| 24        | 8.539       | 1093          | 1097        | 1099         | rVV      | 281180         | 262055        | 6.02%           | 0.595%        |
| 25        | 8.581       | 1102          | 1104        | 1107         | rVB2     | 85242          | 70442         | 1.62%           | 0.160%        |
| 26        | 8.616       | 1107          | 1110        | 1113         | rBV2     | 188453         | 193981        | 4.46%           | 0.440%        |
| 27        | 8.710       | 1122          | 1126        | 1129         | rBV      | 1117517        | 878261        | 20.18%          | 1.993%        |
| 28        | 8.775       | 1134          | 1137        | 1139         | rVV4     | 144855         | 159961        | 3.68%           | 0.363%        |
| 29        | 8.804       | 1139          | 1142        | 1145         | rVB3     | 127432         | 156897        | 3.61%           | 0.356%        |
| 30        | 8.939       | 1161          | 1165        | 1169         | rBV3     | 163279         | 160873        | 3.70%           | 0.365%        |
| 31        | 8.992       | 1172          | 1174        | 1176         | rBV3     | 119927         | 112557        | 2.59%           | 0.255%        |
| 32        | 9.075       | 1184          | 1188        | 1191         | rVB4     | 220926         | 240473        | 5.53%           | 0.546%        |
| 33        | 9.116       | 1192          | 1195        | 1197         | rBV2     | 162402         | 141625        | 3.25%           | 0.321%        |
| 34        | 9.139       | 1197          | 1199        | 1203         | rVV2     | 309098         | 297265        | 6.83%           | 0.675%        |
| 35        | 9.192       | 1203          | 1208        | 1211         | rVV      | 5450604        | 4351714       | 100.00%         | 9.874%        |
| 36        | 9.275       | 1218          | 1222        | 1226         | rBV      | 1348160        | 1138989       | 26.17%          | 2.584%        |

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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-BF110321.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 9.310  | 1226 | 1228 | 1231 | rVV4 | 123743  | 178491  | 4.10%  | 0.405% |
| 38 | 9.339  | 1231 | 1233 | 1239 | rVV3 | 174699  | 210793  | 4.84%  | 0.478% |
| 39 | 9.445  | 1246 | 1251 | 1252 | rBV5 | 82022   | 109576  | 2.52%  | 0.249% |
| 40 | 9.463  | 1252 | 1254 | 1257 | rVB3 | 99206   | 83127   | 1.91%  | 0.189% |
| 41 | 9.510  | 1259 | 1262 | 1263 | rBV3 | 115316  | 122774  | 2.82%  | 0.279% |
| 42 | 9.528  | 1263 | 1265 | 1267 | rVV  | 178529  | 171182  | 3.93%  | 0.388% |
| 43 | 9.551  | 1267 | 1269 | 1272 | rVB  | 199911  | 151307  | 3.48%  | 0.343% |
| 44 | 9.598  | 1272 | 1277 | 1279 | rBV2 | 435795  | 564544  | 12.97% | 1.281% |
| 45 | 9.616  | 1279 | 1280 | 1284 | rVV2 | 268173  | 190966  | 4.39%  | 0.433% |
| 46 | 9.651  | 1284 | 1286 | 1289 | rVB2 | 228405  | 195927  | 4.50%  | 0.445% |
| 47 | 9.686  | 1289 | 1292 | 1297 | rVB6 | 70713   | 111518  | 2.56%  | 0.253% |
| 48 | 9.745  | 1297 | 1302 | 1304 | rBV3 | 83997   | 103399  | 2.38%  | 0.235% |
| 49 | 9.780  | 1304 | 1308 | 1309 | rBV3 | 77353   | 92982   | 2.14%  | 0.211% |
| 50 | 9.804  | 1309 | 1312 | 1316 | rVB  | 1328801 | 1012006 | 23.26% | 2.296% |
| 51 | 9.845  | 1316 | 1319 | 1320 | rBV2 | 139818  | 126392  | 2.90%  | 0.287% |
| 52 | 9.869  | 1320 | 1323 | 1326 | rVB  | 1592763 | 1195116 | 27.46% | 2.712% |
| 53 | 9.939  | 1333 | 1335 | 1339 | rVB3 | 111723  | 126140  | 2.90%  | 0.286% |
| 54 | 9.980  | 1339 | 1342 | 1345 | rVB2 | 88127   | 89158   | 2.05%  | 0.202% |
| 55 | 10.033 | 1348 | 1351 | 1354 | rVV2 | 174585  | 247998  | 5.70%  | 0.563% |
| 56 | 10.063 | 1354 | 1356 | 1359 | rVV2 | 170977  | 188167  | 4.32%  | 0.427% |
| 57 | 10.092 | 1359 | 1361 | 1363 | rVV  | 116086  | 95171   | 2.19%  | 0.216% |
| 58 | 10.128 | 1363 | 1367 | 1370 | rVV4 | 284480  | 334465  | 7.69%  | 0.759% |
| 59 | 10.163 | 1370 | 1373 | 1375 | rVB  | 132491  | 105665  | 2.43%  | 0.240% |
| 60 | 10.198 | 1375 | 1379 | 1381 | rBV6 | 78586   | 117643  | 2.70%  | 0.267% |
| 61 | 10.245 | 1384 | 1387 | 1390 | rVB3 | 99281   | 130304  | 2.99%  | 0.296% |
| 62 | 10.280 | 1390 | 1393 | 1394 | rBV2 | 95307   | 79668   | 1.83%  | 0.181% |
| 63 | 10.304 | 1394 | 1397 | 1400 | rVV  | 1288923 | 981086  | 22.54% | 2.226% |
| 64 | 10.339 | 1400 | 1403 | 1405 | rVV3 | 82998   | 92817   | 2.13%  | 0.211% |
| 65 | 10.357 | 1405 | 1406 | 1412 | rVB5 | 108866  | 138200  | 3.18%  | 0.314% |
| 66 | 10.410 | 1412 | 1415 | 1417 | rBV3 | 69196   | 86692   | 1.99%  | 0.197% |
| 67 | 10.433 | 1417 | 1419 | 1422 | rVB3 | 69554   | 61259   | 1.41%  | 0.139% |
| 68 | 10.527 | 1429 | 1435 | 1440 | rBV  | 448491  | 675776  | 15.53% | 1.533% |
| 69 | 10.575 | 1441 | 1443 | 1446 | rVB  | 139122  | 116402  | 2.67%  | 0.264% |
| 70 | 10.610 | 1446 | 1449 | 1452 | rBV2 | 134421  | 151654  | 3.48%  | 0.344% |
| 71 | 10.657 | 1452 | 1457 | 1460 | rBV  | 3048249 | 2584258 | 59.38% | 5.864% |
| 72 | 10.757 | 1469 | 1474 | 1475 | rBV4 | 77989   | 116140  | 2.67%  | 0.264% |
| 73 | 10.780 | 1475 | 1478 | 1486 | rVB  | 955607  | 1251764 | 28.76% | 2.840% |
| 74 | 10.969 | 1508 | 1510 | 1512 | rBV  | 136905  | 130081  | 2.99%  | 0.295% |
| 75 | 11.033 | 1519 | 1521 | 1524 | rBV2 | 85610   | 83535   | 1.92%  | 0.190% |
| 76 | 11.063 | 1524 | 1526 | 1530 | rBV  | 79946   | 63832   | 1.47%  | 0.145% |

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 Sample : M4654-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PARKINGLOT-BOTTOM-U-SP

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-BF110321.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 11.227 | 1551 | 1554 | 1556 | rBV  | 788507  | 616894  | 14.18% | 1.400% |
| 78  | 11.257 | 1556 | 1559 | 1565 | rVB  | 379784  | 401376  | 9.22%  | 0.911% |
| 79  | 11.351 | 1572 | 1575 | 1578 | rBV  | 1101639 | 992980  | 22.82% | 2.253% |
| 80  | 11.404 | 1581 | 1584 | 1586 | rBV2 | 80805   | 89813   | 2.06%  | 0.204% |
| 81  | 11.539 | 1604 | 1607 | 1610 | rVB  | 87195   | 79428   | 1.83%  | 0.180% |
| 82  | 11.604 | 1616 | 1618 | 1622 | rVB  | 88183   | 84769   | 1.95%  | 0.192% |
| 83  | 11.651 | 1623 | 1626 | 1630 | rVV  | 579305  | 458596  | 10.54% | 1.041% |
| 84  | 11.816 | 1652 | 1654 | 1660 | rBV  | 70101   | 87323   | 2.01%  | 0.198% |
| 85  | 12.057 | 1693 | 1695 | 1699 | rBV  | 399412  | 341375  | 7.84%  | 0.775% |
| 86  | 12.210 | 1719 | 1721 | 1724 | rBV2 | 44369   | 61472   | 1.41%  | 0.139% |
| 87  | 12.451 | 1757 | 1762 | 1766 | rBV2 | 341440  | 458530  | 10.54% | 1.040% |
| 88  | 12.821 | 1822 | 1825 | 1828 | rVB  | 211510  | 161911  | 3.72%  | 0.367% |
| 89  | 12.939 | 1841 | 1845 | 1849 | rBV  | 3144705 | 2788614 | 64.08% | 6.328% |
| 90  | 13.180 | 1882 | 1886 | 1890 | rBV  | 108586  | 106951  | 2.46%  | 0.243% |
| 91  | 13.521 | 1940 | 1944 | 1947 | rBV  | 78294   | 75233   | 1.73%  | 0.171% |
| 92  | 13.851 | 1994 | 2000 | 2013 | rVB3 | 83215   | 154875  | 3.56%  | 0.351% |
| 93  | 13.992 | 2020 | 2024 | 2027 | rBV  | 897788  | 796869  | 18.31% | 1.808% |
| 94  | 15.115 | 2211 | 2215 | 2224 | rBV3 | 46237   | 64036   | 1.47%  | 0.145% |
| 95  | 15.457 | 2268 | 2273 | 2277 | rBV  | 788088  | 920925  | 21.16% | 2.090% |
| 96  | 15.498 | 2277 | 2280 | 2286 | rVB  | 65755   | 87314   | 2.01%  | 0.198% |
| 97  | 15.933 | 2348 | 2354 | 2358 | rBV  | 58489   | 85221   | 1.96%  | 0.193% |
| 98  | 16.439 | 2435 | 2440 | 2445 | rVB2 | 52483   | 85988   | 1.98%  | 0.195% |
| 99  | 17.027 | 2531 | 2540 | 2548 | rBV4 | 36142   | 77127   | 1.77%  | 0.175% |
| 100 | 17.721 | 2652 | 2658 | 2667 | rVB4 | 28611   | 70985   | 1.63%  | 0.161% |

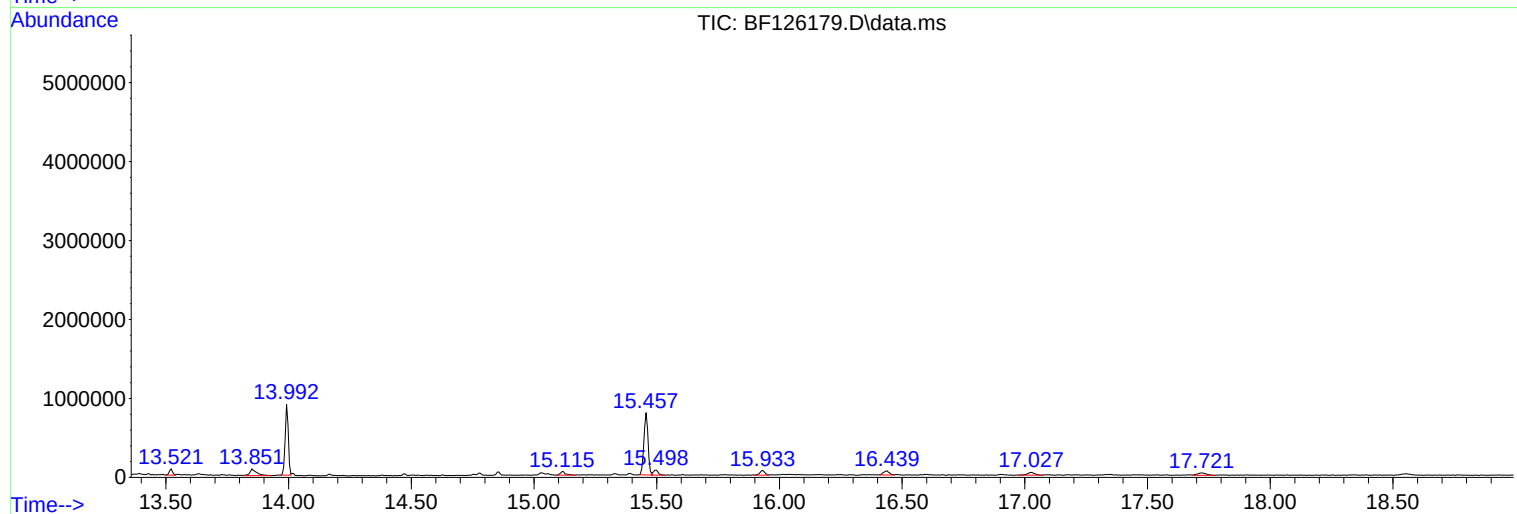
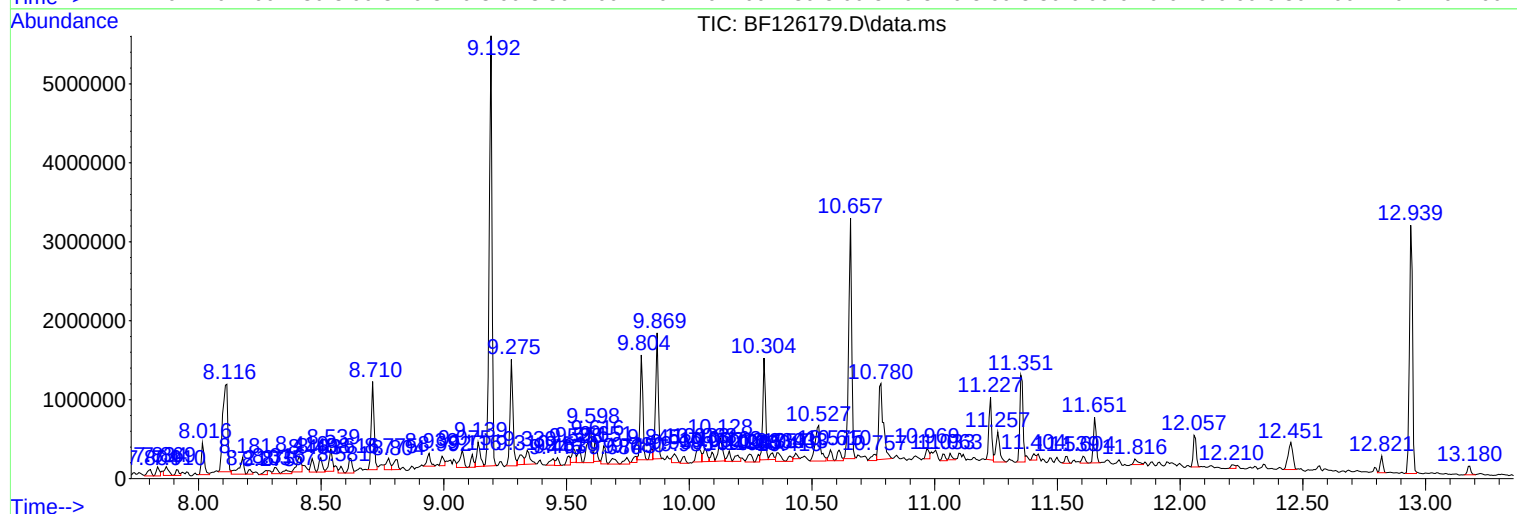
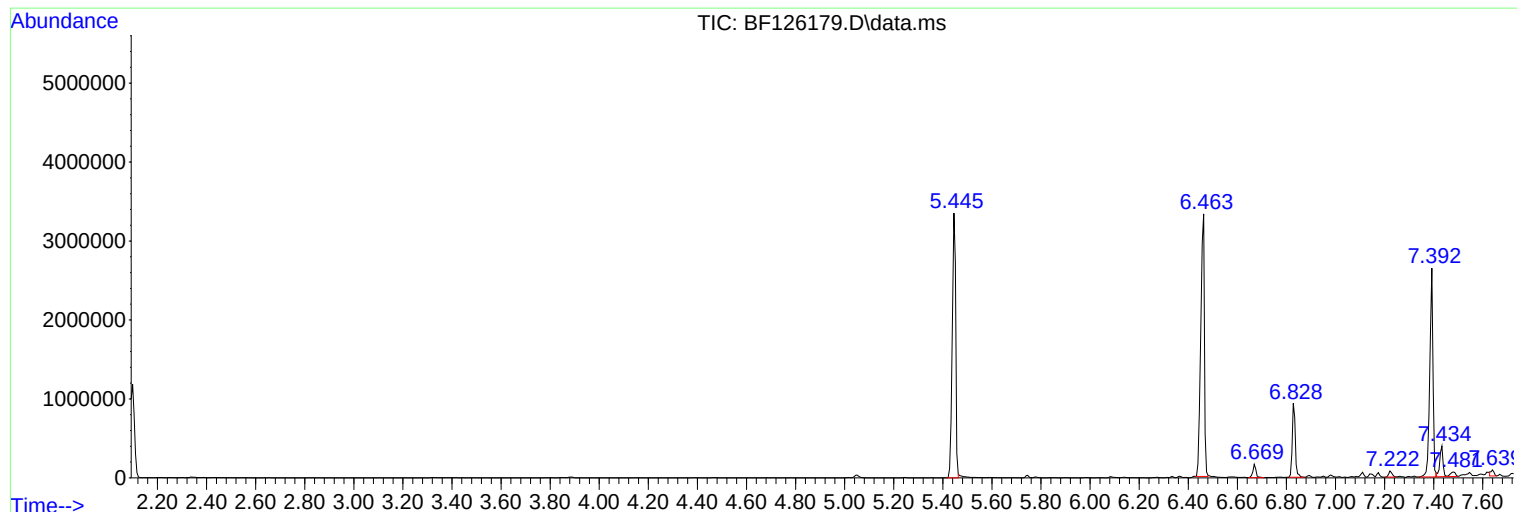
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Instrument :  
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PARKINGLOT-BOTTOM-U-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.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\BF111321\  
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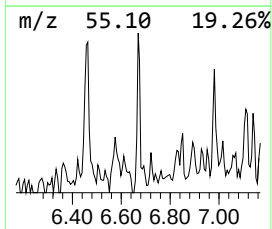
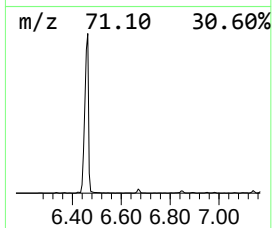
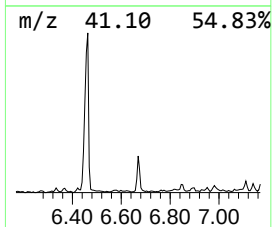
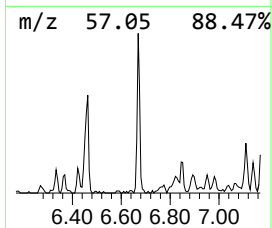
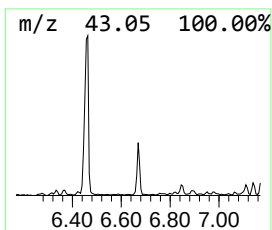
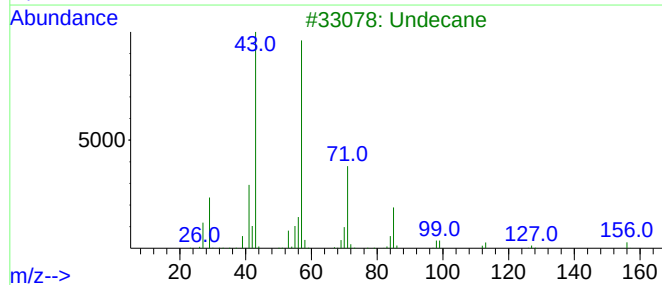
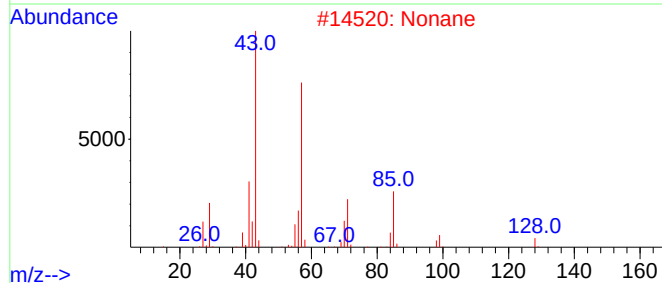
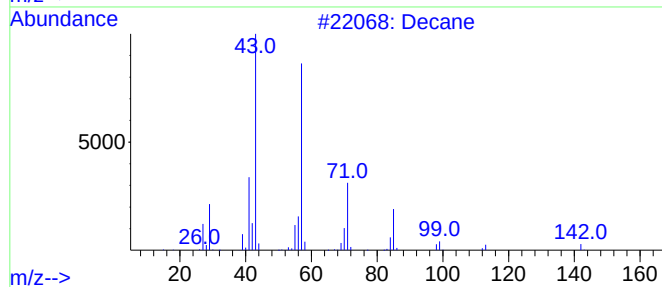
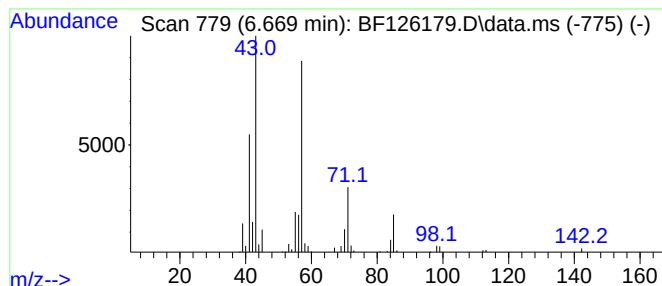
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Decane Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.669 | 3.74 ng | 150671 | 1,4-Dichlorobenzene-d4 | 6.828 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|----|---|----------------------------------|-----|----------|--------------|------|
| 1    |    |   | Decane                           | 142 | C10H22   | 000124-18-5  | 87   |
| 2    |    |   | Nonane                           | 128 | C9H20    | 000111-84-2  | 78   |
| 3    |    |   | Undecane                         | 156 | C11H24   | 001120-21-4  | 78   |
| 4    |    |   | Octane, 4-ethyl-                 | 142 | C10H22   | 015869-86-0  | 68   |
| 5    |    |   | Carbonic acid, decyl vinyl ester | 228 | C13H24O3 | 1000383-25-7 | 64   |



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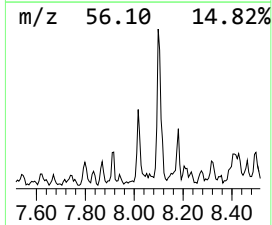
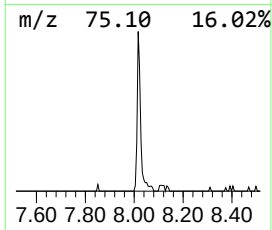
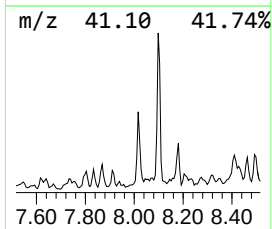
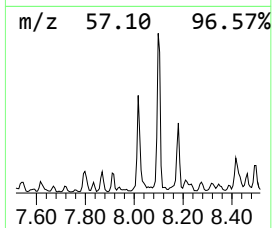
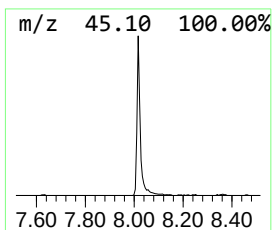
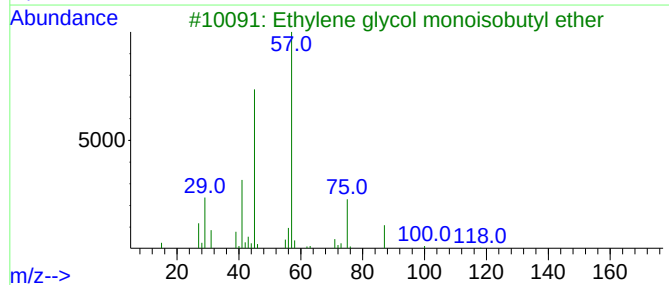
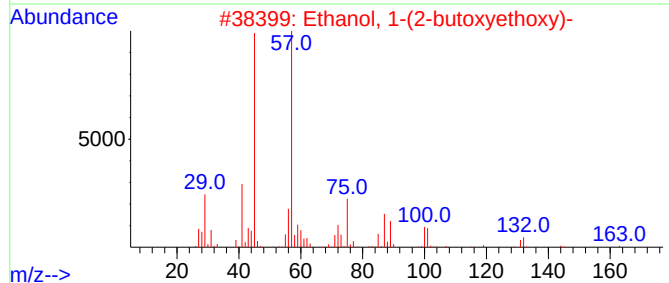
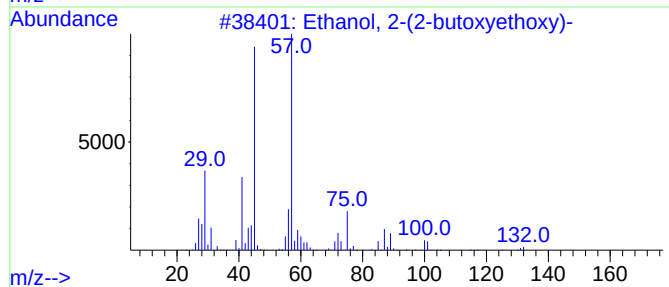
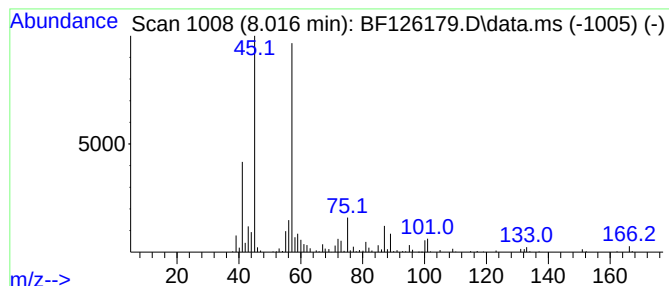
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.016 | 4.35 ng | 339506 | Naphthalene-d8   | 8.116 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-       | 162 | C8H18O3  | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-       | 162 | C8H18O3  | 054446-78-5 | 83   |
| 3    |    |   | Ethylene glycol monoisobutyl ether | 118 | C6H14O2  | 004439-24-1 | 64   |
| 4    |    |   | Di-sec-Butyl ether                 | 130 | C8H18O   | 006863-58-7 | 59   |
| 5    |    |   | Acetaldehyde, di-sec-butyl acetal  | 174 | C10H22O2 | 005314-41-0 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

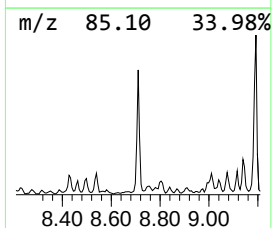
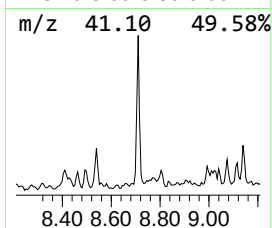
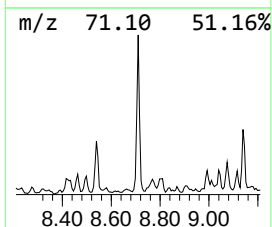
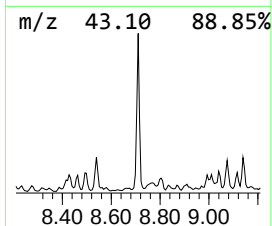
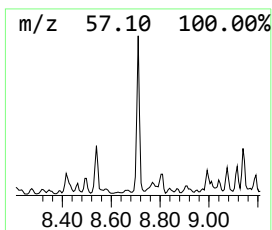
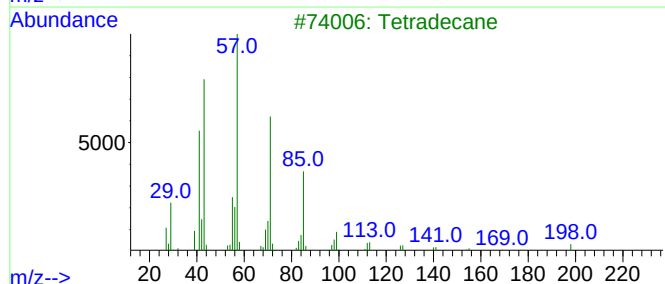
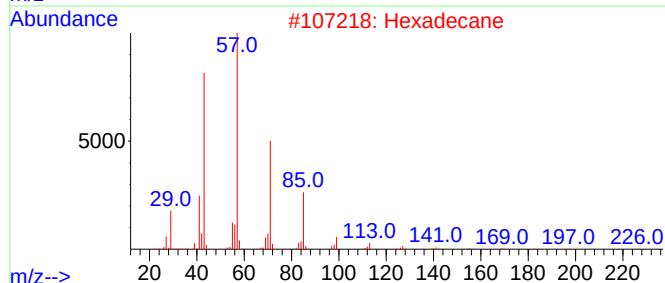
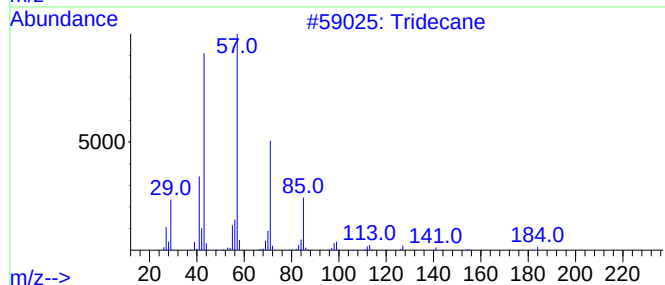
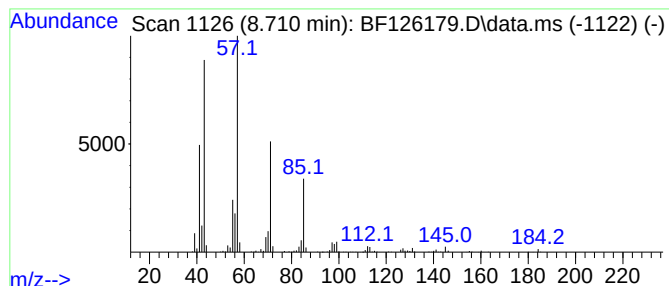
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Tridecane Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.710 | 11.26 ng | 878261 | Naphthalene-d8   | 8.116 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane               | 184 | C13H28  | 000629-50-5 | 87   |
| 2    |    |   | Hexadecane              | 226 | C16H34  | 000544-76-3 | 86   |
| 3    |    |   | Tetradecane             | 198 | C14H30  | 000629-59-4 | 86   |
| 4    |    |   | Undecane, 2,6-dimethyl- | 184 | C13H28  | 017301-23-4 | 81   |
| 5    |    |   | Dodecane, 2-methyl-     | 184 | C13H28  | 001560-97-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

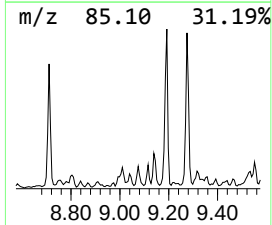
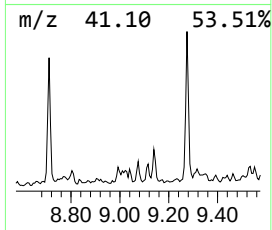
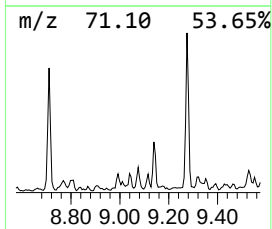
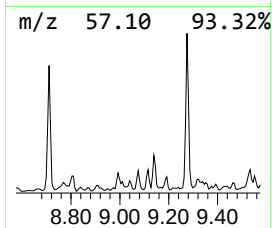
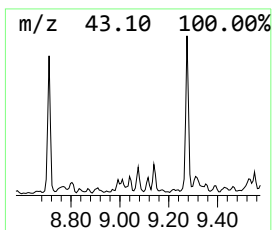
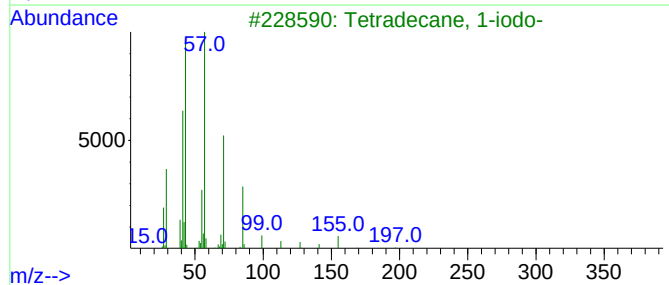
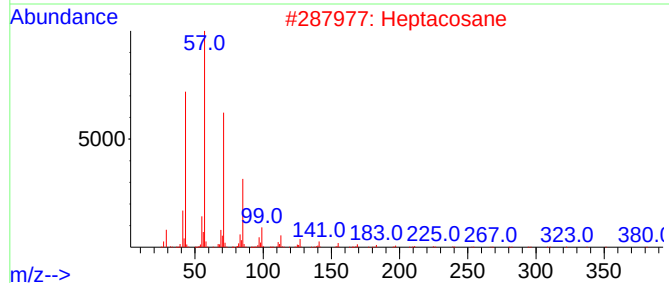
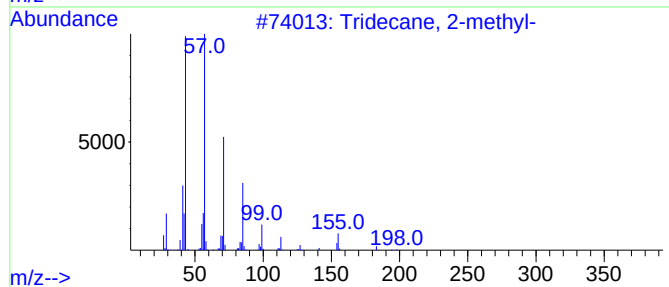
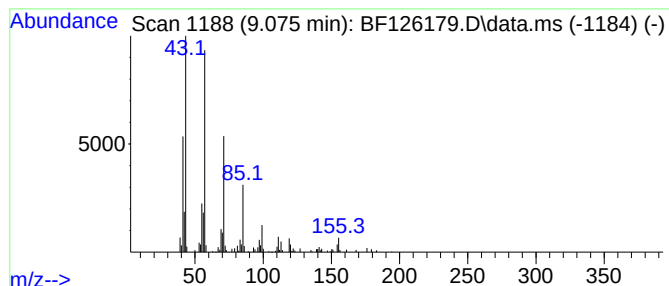
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Tridecane, 2-methyl- Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.075 | 4.02 ng | 240473 | Acenaphthene-d10 | 9.869 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 2-methyl- | 198 | C14H30  | 001560-96-9 | 80   |
| 2    |    |   | Heptacosane          | 380 | C27H56  | 000593-49-7 | 72   |
| 3    |    |   | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72   |
| 4    |    |   | Nonadecane           | 268 | C19H40  | 000629-92-5 | 64   |
| 5    |    |   | Decane, 2-methyl-    | 156 | C11H24  | 006975-98-0 | 64   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

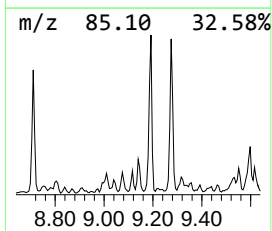
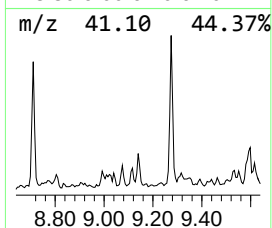
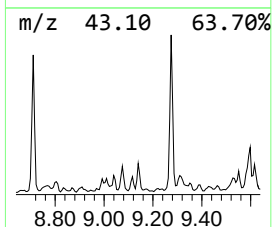
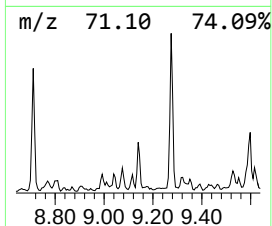
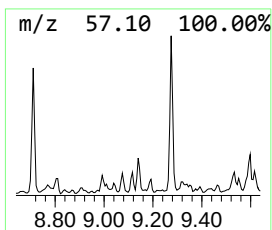
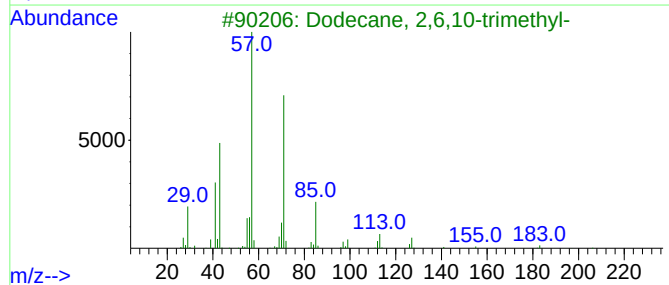
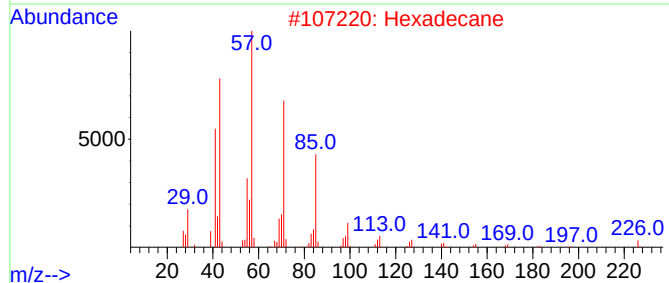
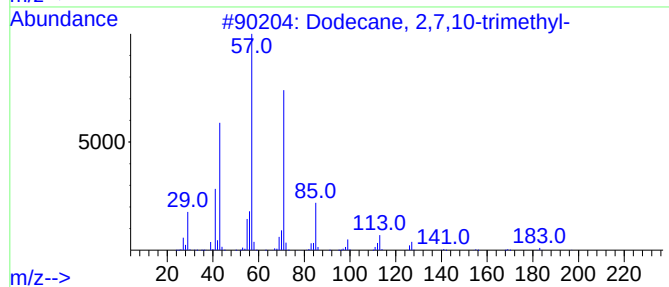
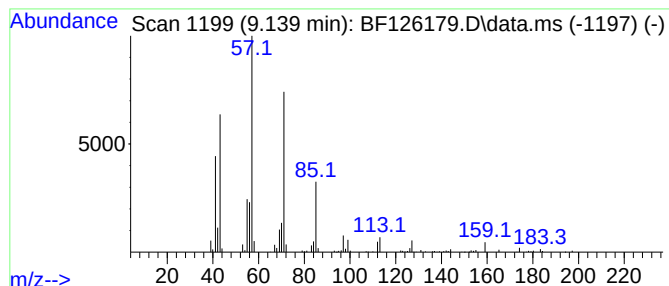
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.139 | 4.97 ng | 297265 | Acenaphthene-d10 | 9.869 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 90   |
| 2    |    |   | Hexadecane                  | 226 | C16H34  | 000544-76-3 | 86   |
| 3    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 78   |
| 4    |    |   | Decane, 5-propyl-           | 184 | C13H28  | 017312-62-8 | 74   |
| 5    |    |   | Nonane, 3-methyl-5-propyl-  | 184 | C13H28  | 031081-18-2 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

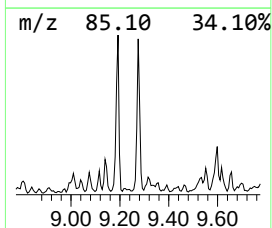
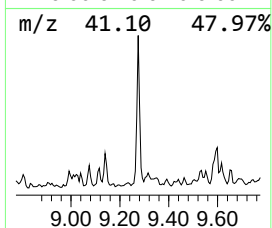
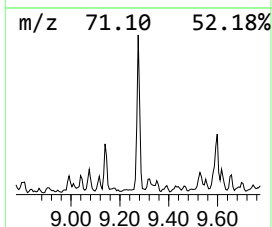
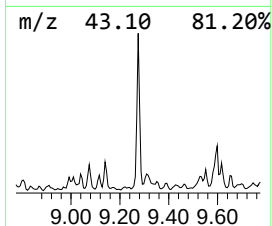
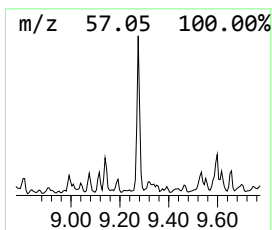
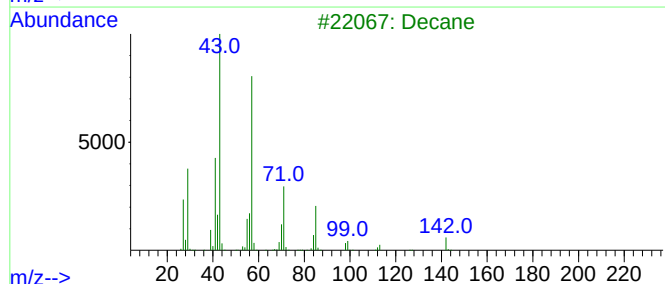
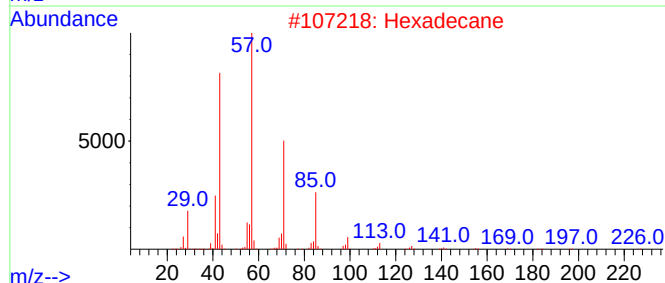
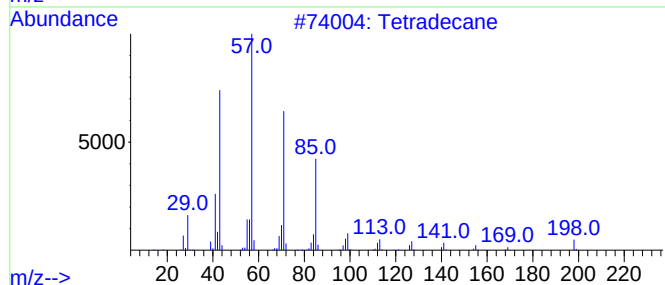
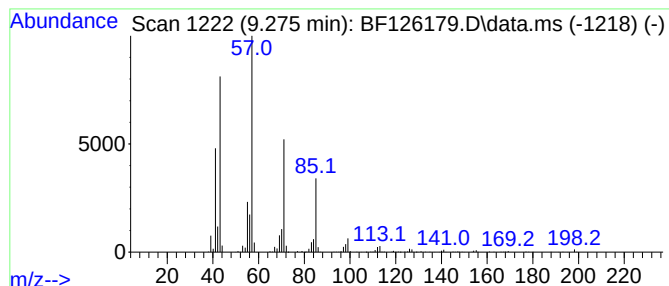
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Tetradecane Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.275 | 19.06 ng | 1138990 | Acenaphthene-d10 | 9.869 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Tetradecane          | 198 | C14H30  | 000629-59-4 | 94   |
| 2    |      | Hexadecane           | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |      | Decane               | 142 | C10H22  | 000124-18-5 | 74   |
| 4    |      | Tridecane, 6-methyl- | 198 | C14H30  | 013287-21-3 | 74   |
| 5    |      | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

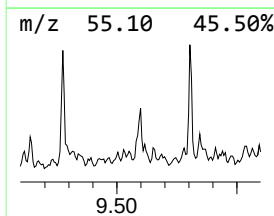
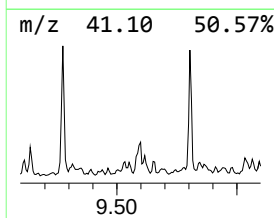
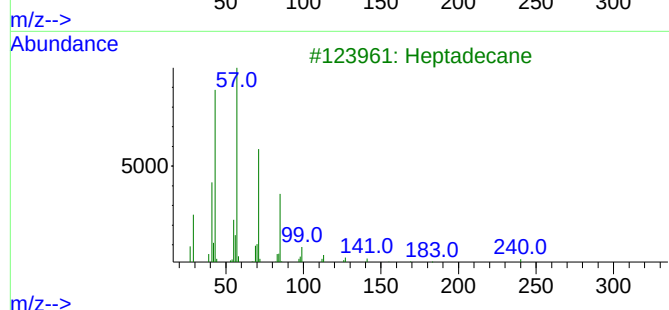
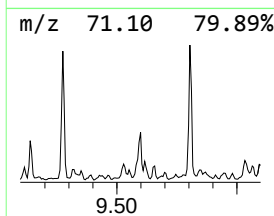
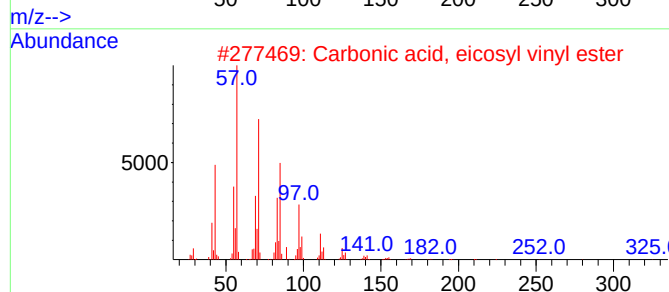
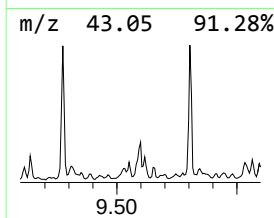
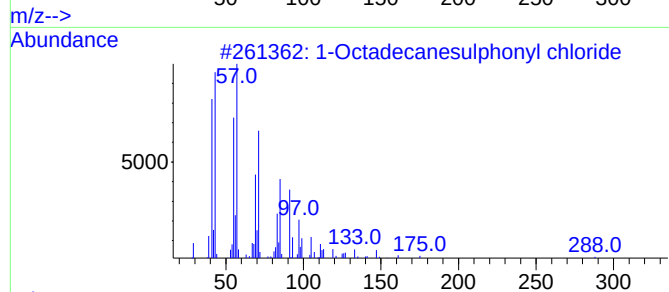
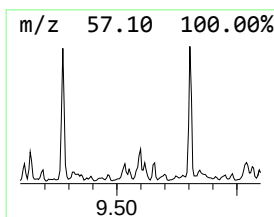
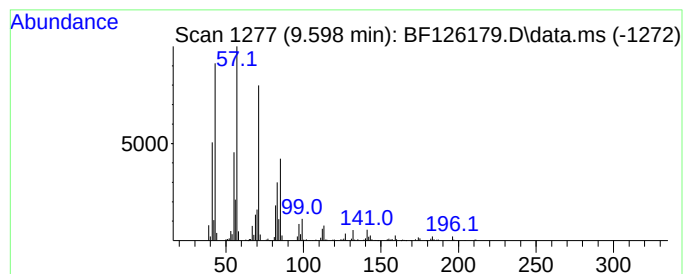
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.598 | 9.45 ng | 564544 | Acenaphthene-d10 | 9.869 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm     | CAS#         | Qual |
|------|----|---|------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1-Octadecanesulphonyl chloride     | 352 | C18H37ClO2S | 1000342-70-4 | 90   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3    | 1000382-54-3 | 86   |
| 3    |    |   | Heptadecane                        | 240 | C17H36      | 000629-78-7  | 80   |
| 4    |    |   | Tetradecane                        | 198 | C14H30      | 000629-59-4  | 80   |
| 5    |    |   | Decane, 5-propyl-                  | 184 | C13H28      | 017312-62-8  | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

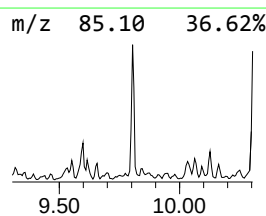
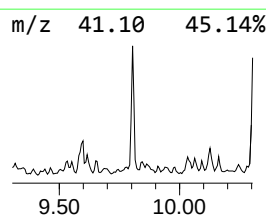
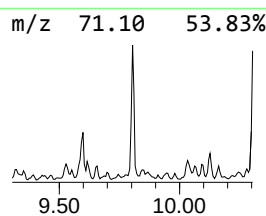
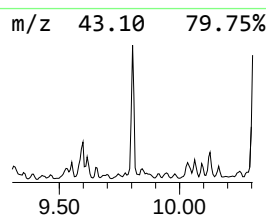
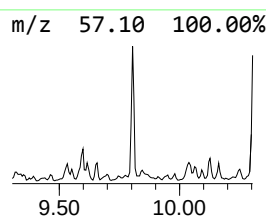
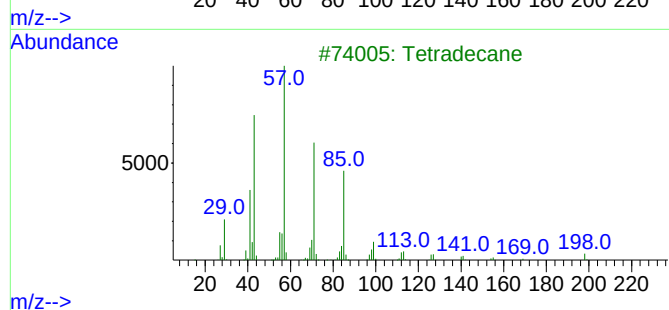
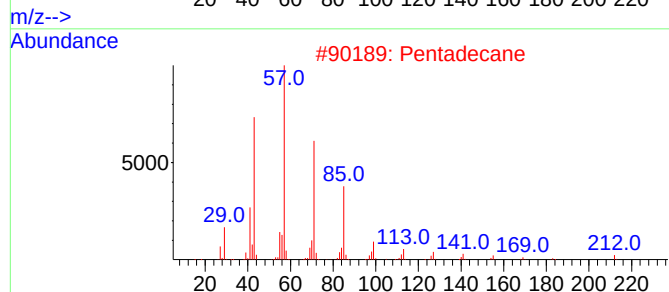
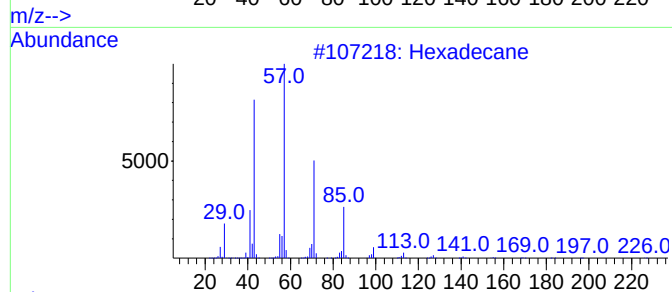
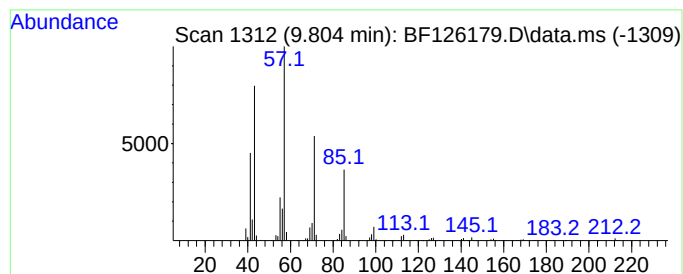
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Pentadecane Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.804 | 16.94 ng | 1012010 | Acenaphthene-d10 | 9.869 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane      | 226 | C16H34  | 000544-76-3 | 91   |
| 2    |    |   | Pentadecane     | 212 | C15H32  | 000629-62-9 | 90   |
| 3    |    |   | Tetradecane     | 198 | C14H30  | 000629-59-4 | 90   |
| 4    |    |   | Tridecane       | 184 | C13H28  | 000629-50-5 | 86   |
| 5    |    |   | Decane, 1-iodo- | 268 | C10H21I | 002050-77-3 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

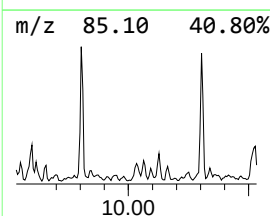
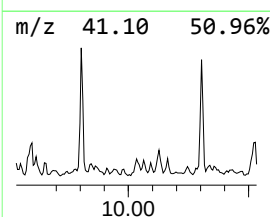
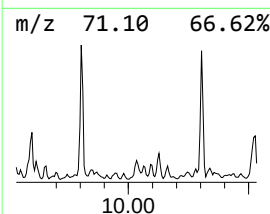
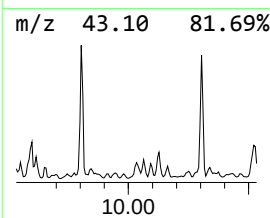
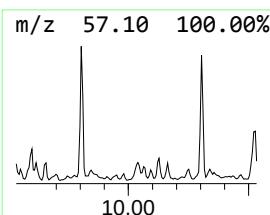
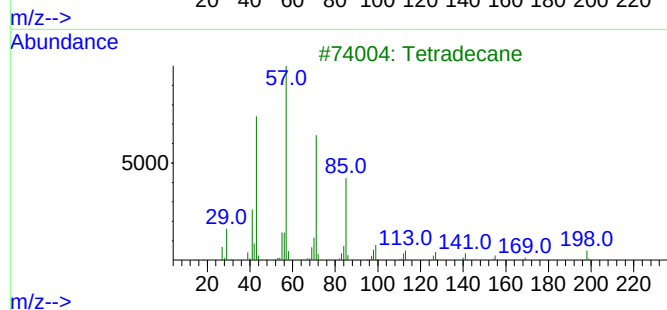
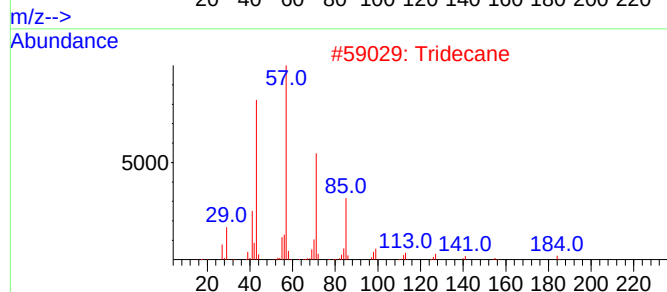
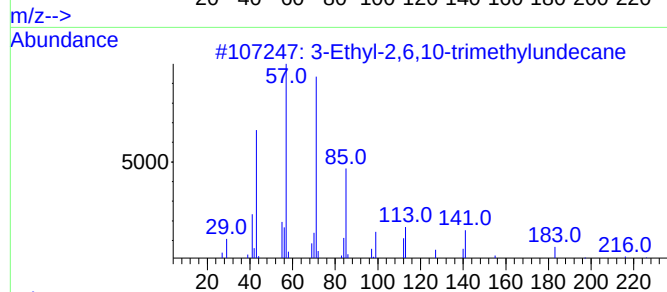
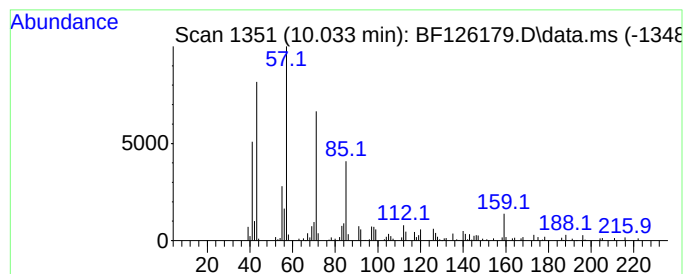
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 3-Ethyl-2,6,10-trimethylund... Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.033 | 4.15 ng | 247998 | Acenaphthene-d10 | 9.869 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34  | 1000432-25-9 | 72   |
| 2    |    |   | Tridecane                        | 184 | C13H28  | 000629-50-5  | 64   |
| 3    |    |   | Tetradecane                      | 198 | C14H30  | 000629-59-4  | 64   |
| 4    |    |   | Pentadecane                      | 212 | C15H32  | 000629-62-9  | 64   |
| 5    |    |   | Heptadecane, 8-methyl-           | 254 | C18H38  | 013287-23-5  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

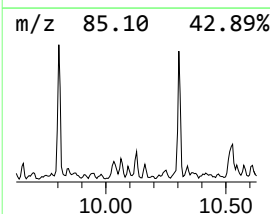
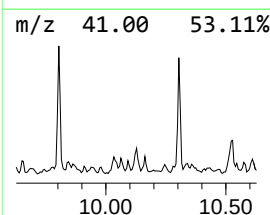
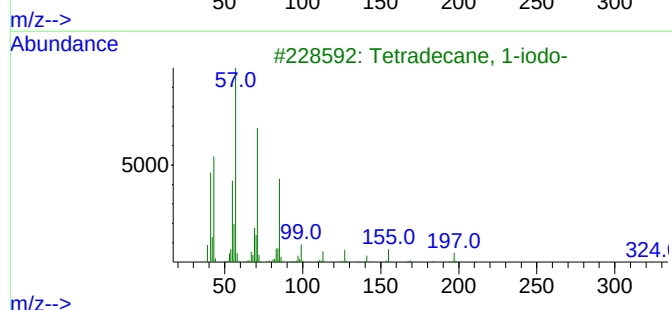
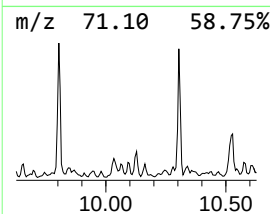
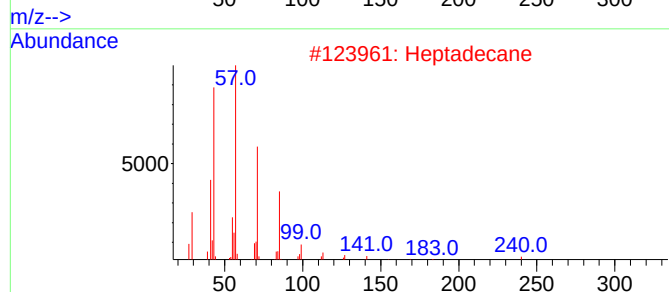
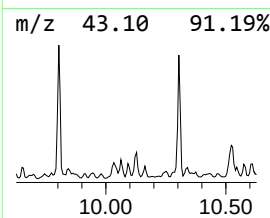
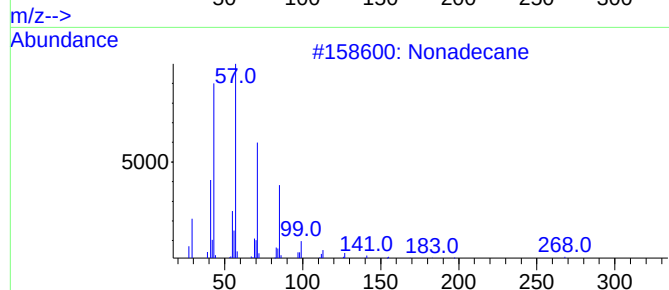
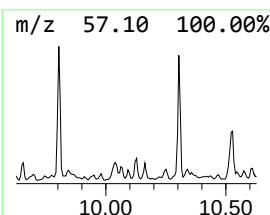
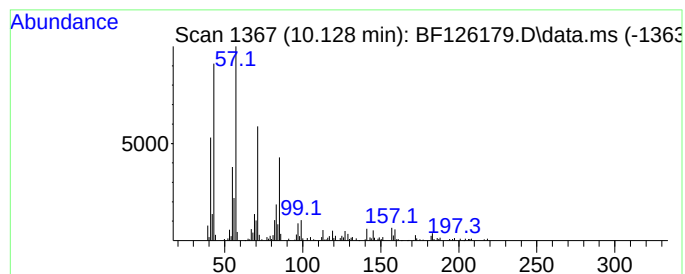
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 10-Methylnonadecane Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.128 | 5.60 ng | 334465 | Acenaphthene-d10 | 9.869 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Nonadecane           | 268 | C19H40  | 000629-92-5 | 86   |
| 2    |      | Heptadecane          | 240 | C17H36  | 000629-78-7 | 86   |
| 3    |      | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 83   |
| 4    |      | 10-Methylnonadecane  | 282 | C20H42  | 056862-62-5 | 83   |
| 5    |      | Dodecane, 1-iodo-    | 296 | C12H25I | 004292-19-7 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

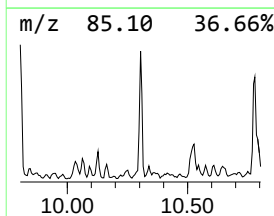
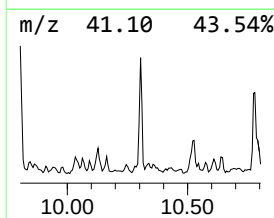
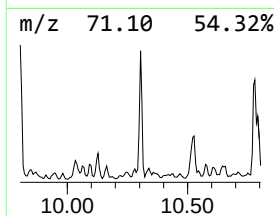
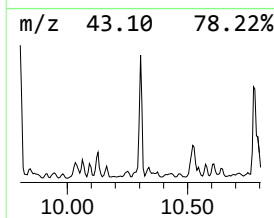
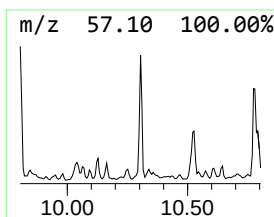
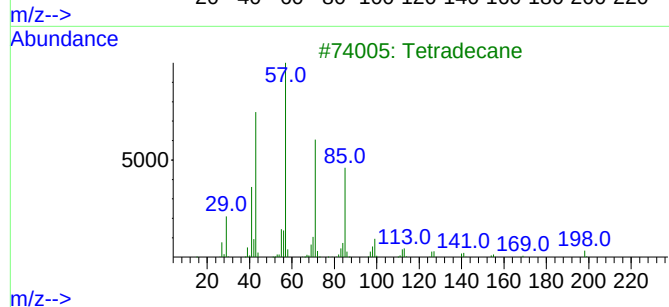
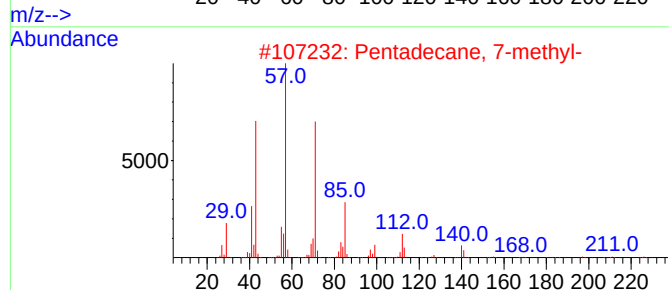
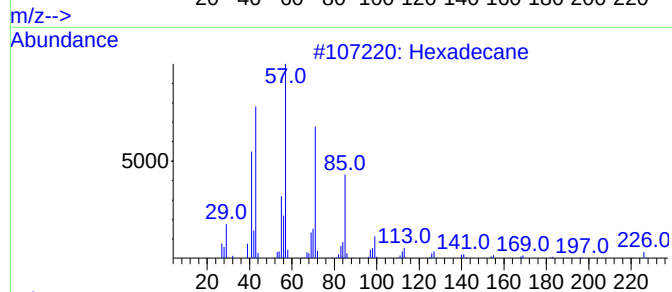
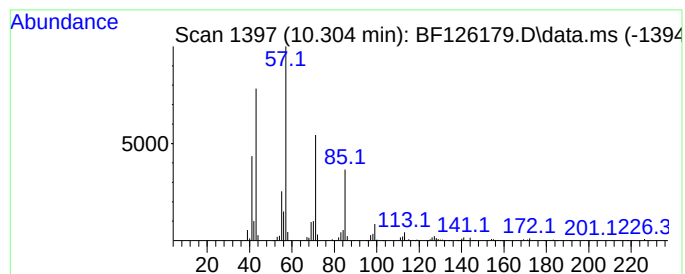
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Hexadecane Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.  |
|--------|----------|--------|------------------|-------|
| 10.304 | 16.42 ng | 981086 | Acenaphthene-d10 | 9.869 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane             | 226 | C16H34  | 000544-76-3 | 93   |
| 2    |    |   | Pentadecane, 7-methyl- | 226 | C16H34  | 006165-40-8 | 87   |
| 3    |    |   | Tetradecane            | 198 | C14H30  | 000629-59-4 | 86   |
| 4    |    |   | Pentadecane, 2-methyl- | 226 | C16H34  | 001560-93-6 | 80   |
| 5    |    |   | Tetradecane, 1-iodo-   | 324 | C14H29I | 019218-94-1 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

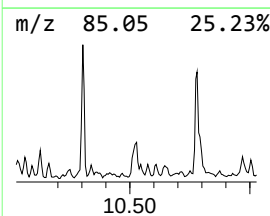
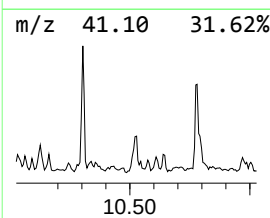
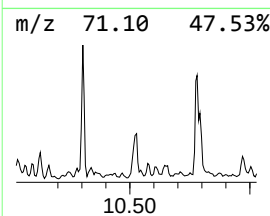
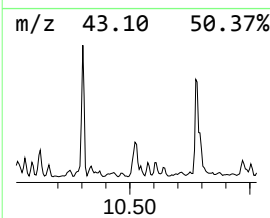
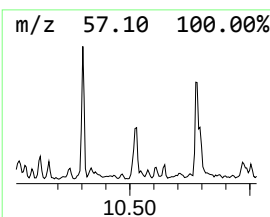
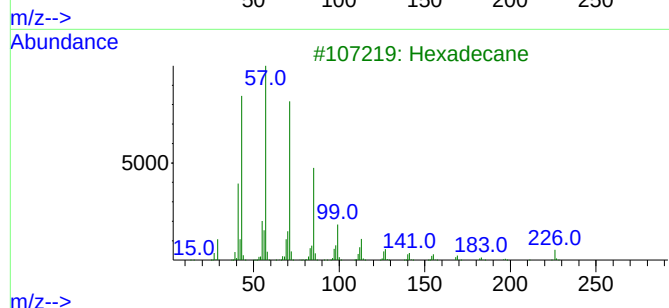
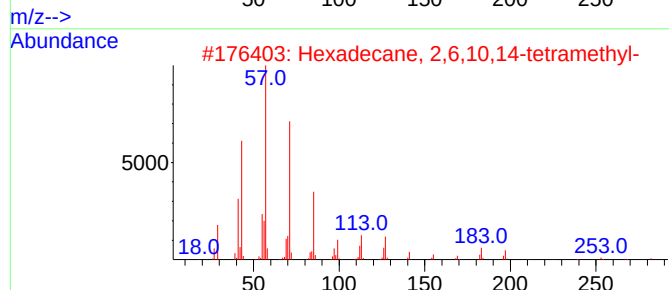
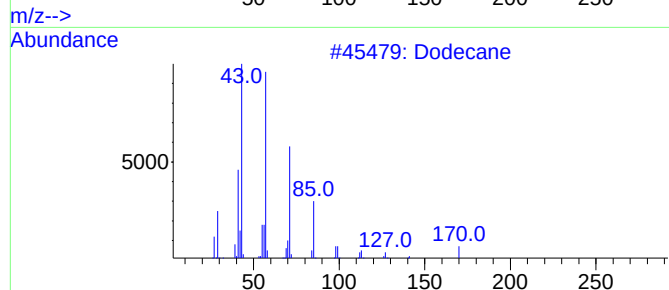
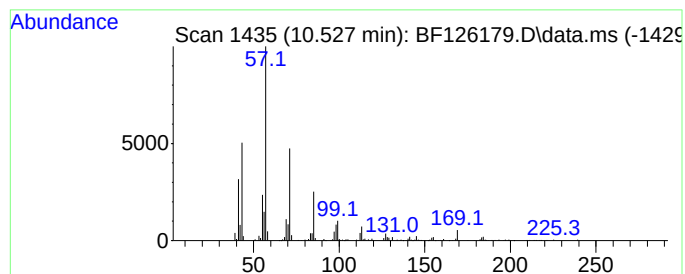
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Dodecane Concentration Rank 6

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.  |
|--------|----------|--------|------------------|-------|
| 10.528 | 11.31 ng | 675776 | Acenaphthene-d10 | 9.869 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane                            | 170 | C12H26  | 000112-40-3 | 87   |
| 2    |    |   | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42  | 000638-36-8 | 80   |
| 3    |    |   | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 80   |
| 4    |    |   | Undecane, 2,5-dimethyl-             | 184 | C13H28  | 017301-22-3 | 76   |
| 5    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 74   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
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Instrument :  
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ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

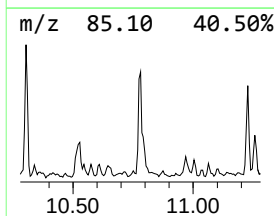
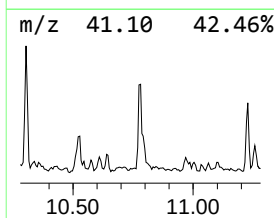
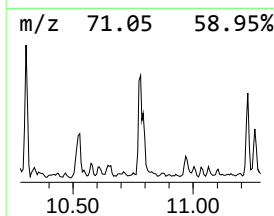
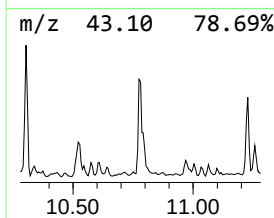
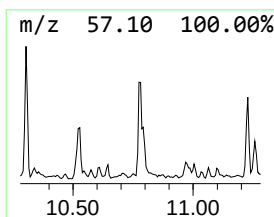
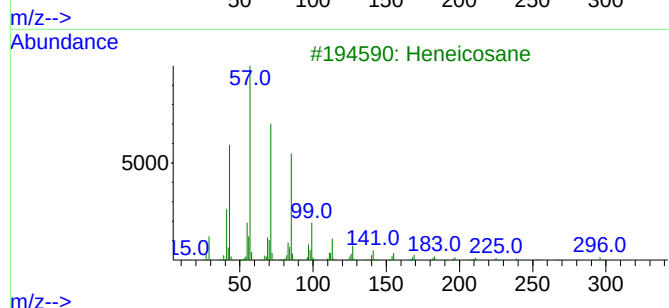
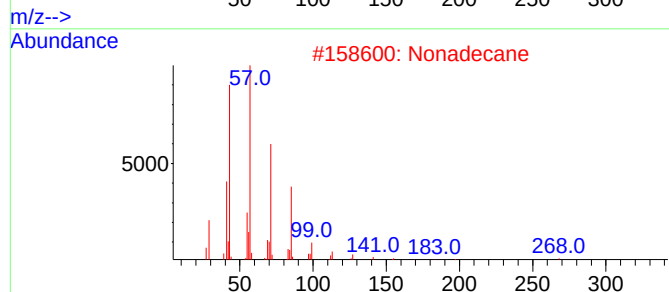
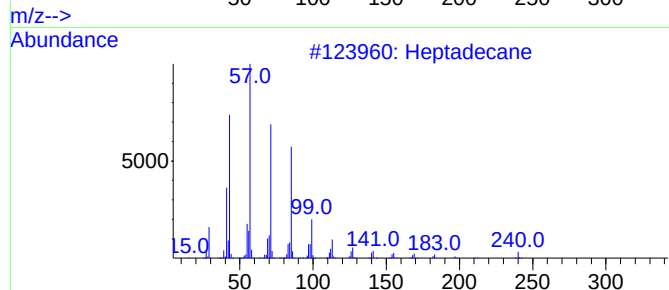
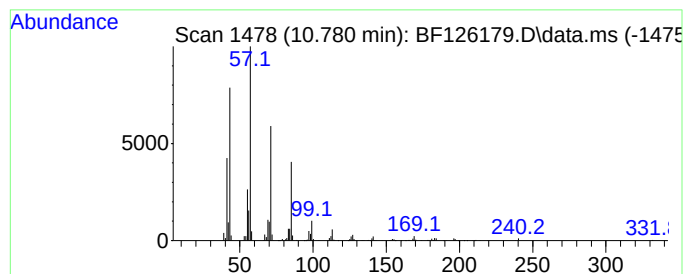
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Heptadecane Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.780 | 25.21 ng | 1251760 | Phenanthrene-d10 | 11.351 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane       | 240 | C17H36  | 000629-78-7 | 97   |
| 2    |    |   | Nonadecane        | 268 | C19H40  | 000629-92-5 | 91   |
| 3    |    |   | Heneicosane       | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    |   | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 80   |
| 5    |    |   | Tridecane         | 184 | C13H28  | 000629-50-5 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

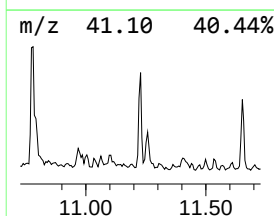
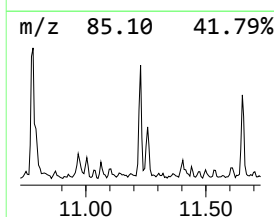
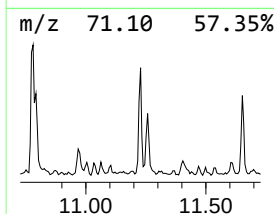
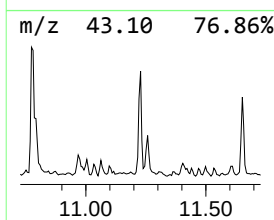
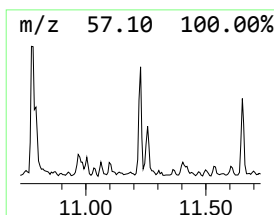
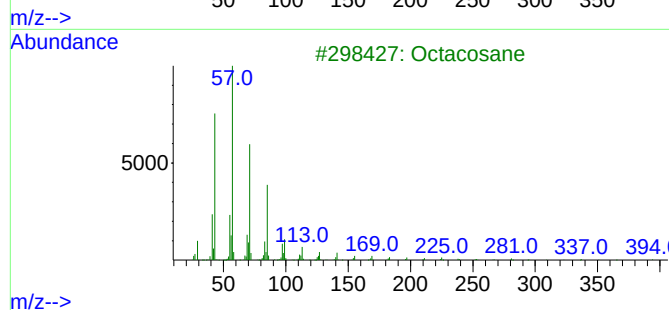
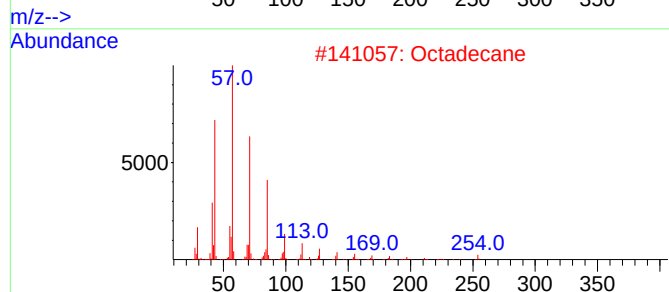
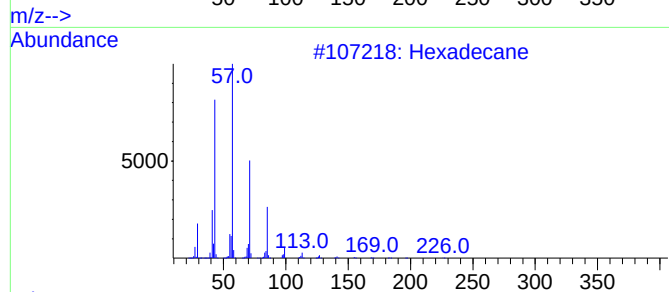
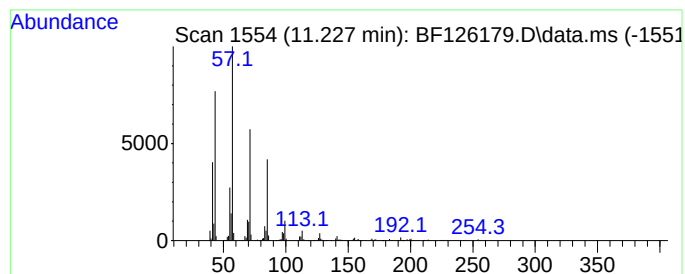
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Tridecane, 7-propyl- Concentration Rank 5

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.227 | 12.43 ng | 616894 | Phenanthrene-d10 | 11.351 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane             | 226 | C16H34  | 000544-76-3 | 95   |
| 2    |    |   | Octadecane             | 254 | C18H38  | 000593-45-3 | 95   |
| 3    |    |   | Octacosane             | 394 | C28H58  | 000630-02-4 | 91   |
| 4    |    |   | Tridecane, 7-propyl-   | 226 | C16H34  | 055045-09-5 | 90   |
| 5    |    |   | Heptadecane, 8-methyl- | 254 | C18H38  | 013287-23-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

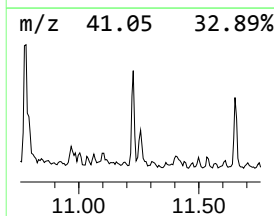
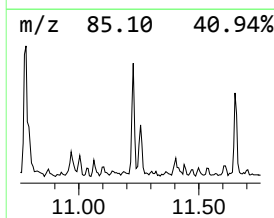
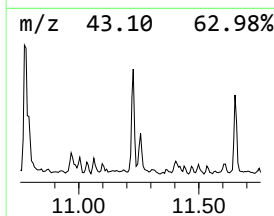
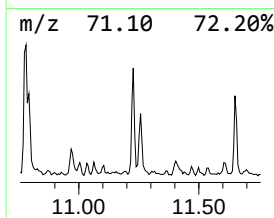
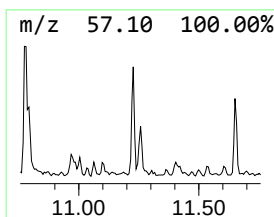
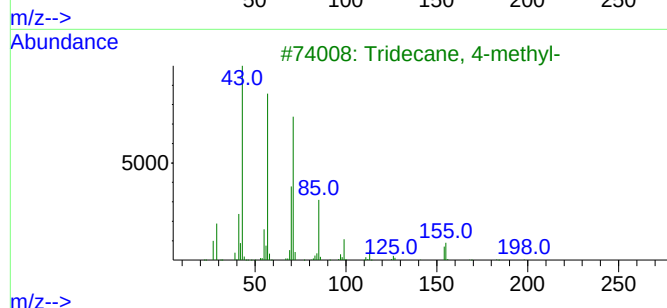
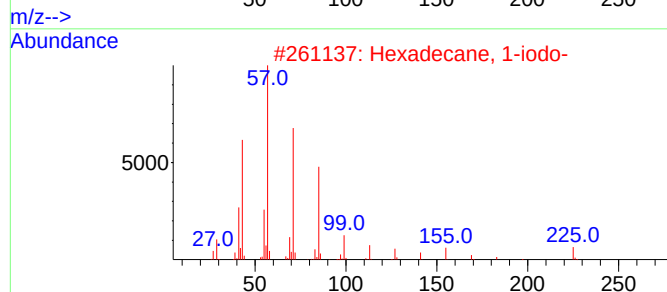
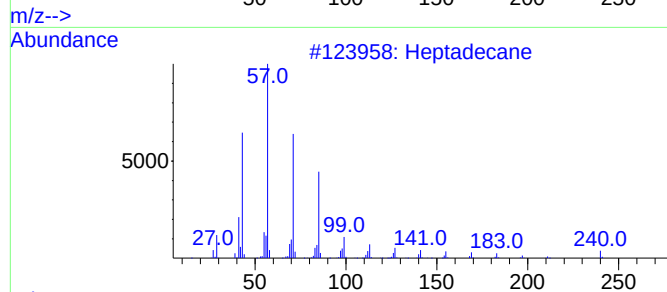
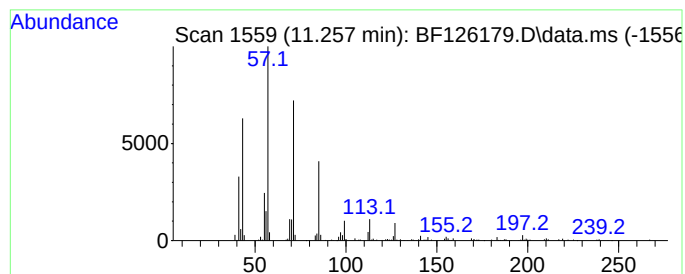
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Hexadecane, 1-iodo- Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.257 | 8.08 ng | 401376 | Phenanthrene-d10 | 11.351 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane               | 240 | C17H36  | 000629-78-7 | 90   |
| 2    |    |   | Hexadecane, 1-iodo-       | 352 | C16H33I | 000544-77-4 | 86   |
| 3    |    |   | Tridecane, 4-methyl-      | 198 | C14H30  | 026730-12-1 | 83   |
| 4    |    |   | Undecane, 2-methyl-       | 170 | C12H26  | 007045-71-8 | 80   |
| 5    |    |   | Octane, 5-ethyl-2-methyl- | 156 | C11H24  | 062016-18-6 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

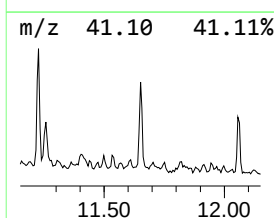
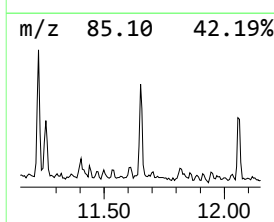
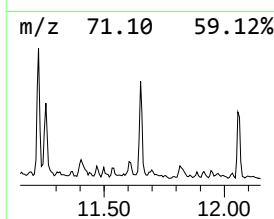
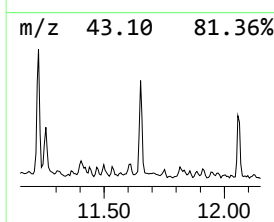
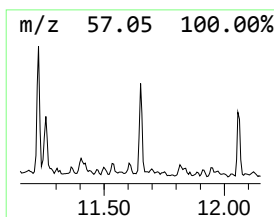
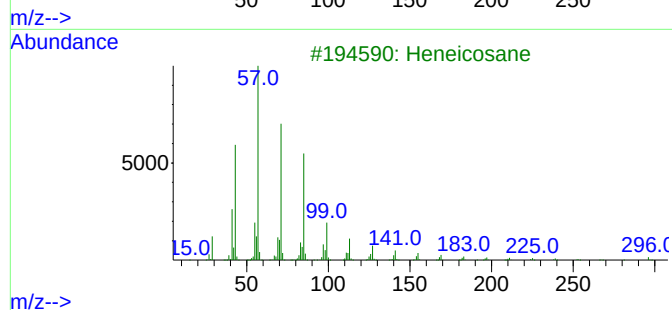
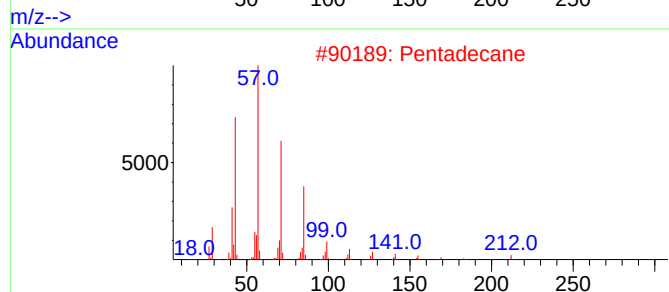
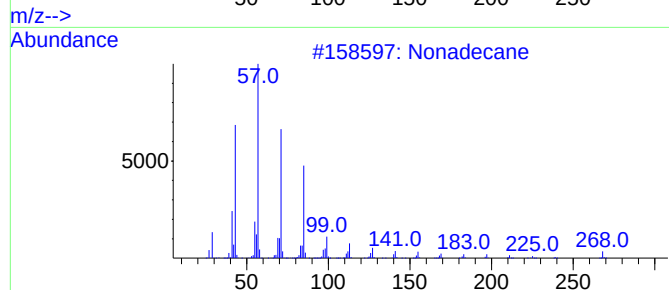
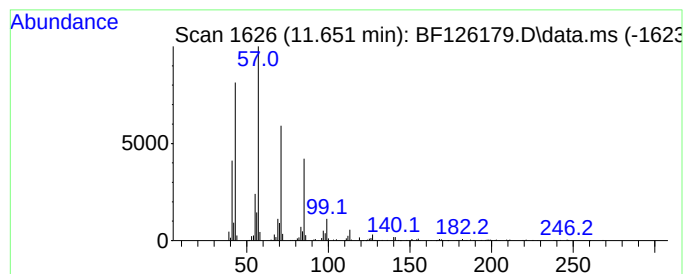
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 16 Nonadecane Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.651 | 9.24 ng | 458596 | Phenanthrene-d10 | 11.351 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 97   |
| 2    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 90   |
| 3    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |
| 5    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

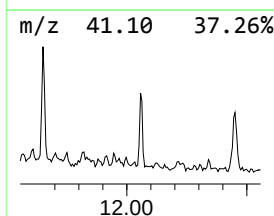
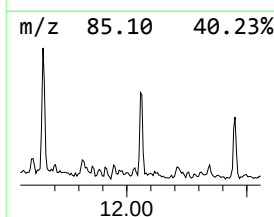
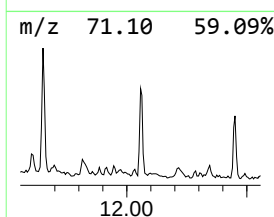
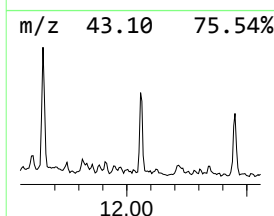
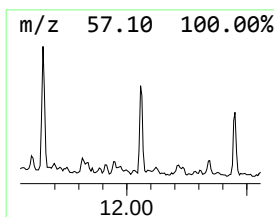
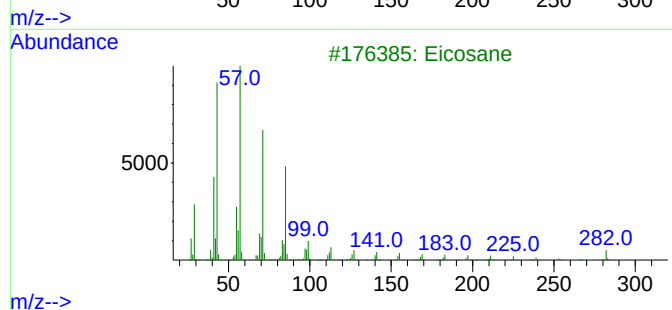
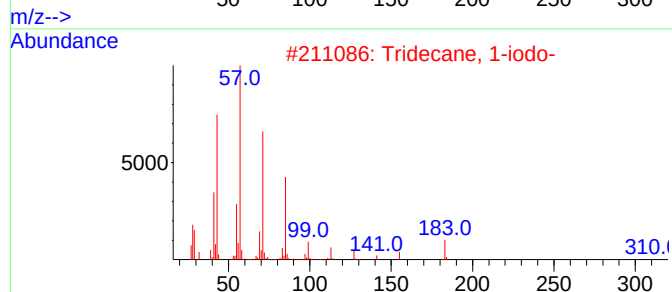
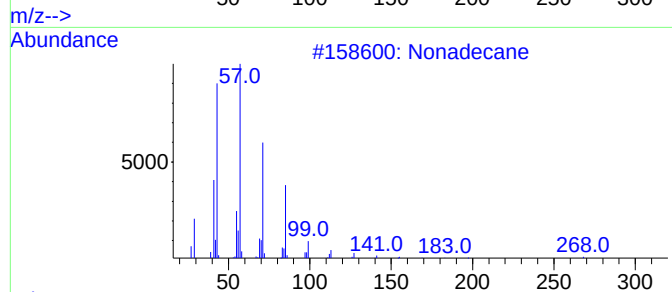
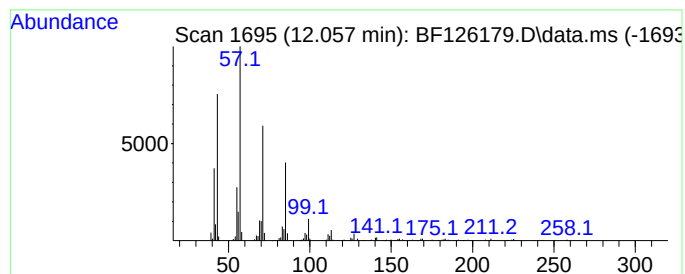
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Dodecane, 1-iodo- Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.057 | 6.88 ng | 341375 | Phenanthrene-d10 | 11.351 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 91   |
| 2    |    |   | Tridecane, 1-iodo-           | 310 | C13H27I | 035599-77-0 | 90   |
| 3    |    |   | Eicosane                     | 282 | C20H42  | 000112-95-8 | 87   |
| 4    |    |   | Dodecane, 1-iodo-            | 296 | C12H25I | 004292-19-7 | 86   |
| 5    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

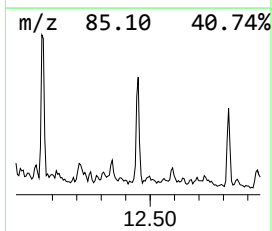
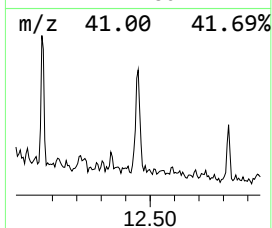
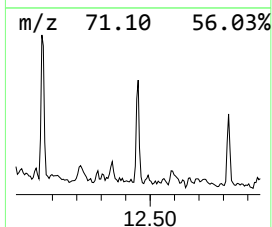
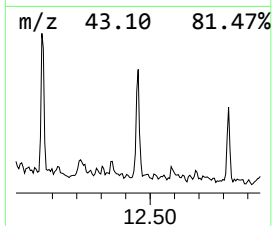
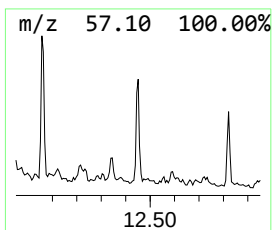
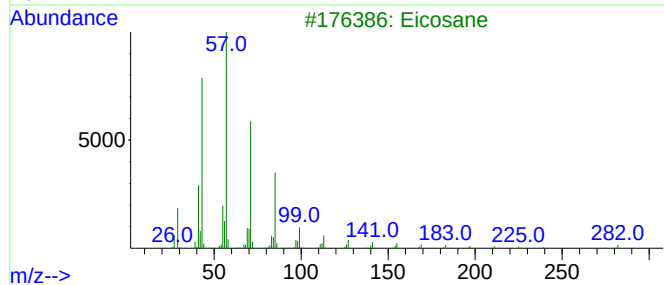
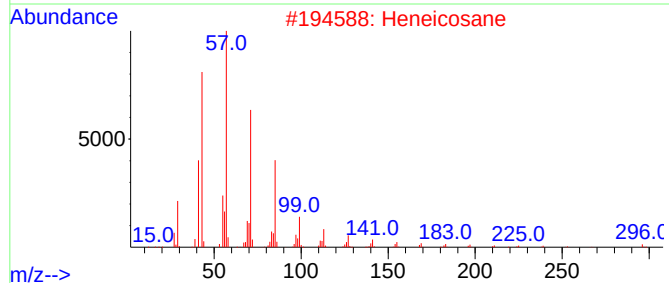
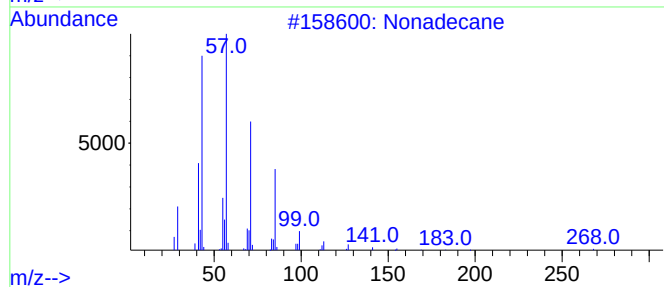
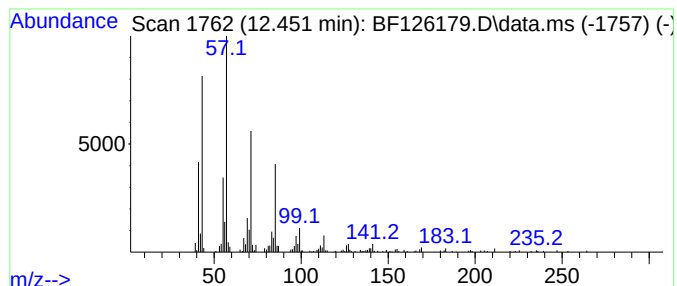
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Heneicosane Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.451 | 9.24 ng | 458530 | Phenanthrene-d10 | 11.351 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 2    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 91   |
| 4    |    |   | Heptacosane  | 380 | C27H56  | 000593-49-7 | 91   |
| 5    |    |   | Pentacosane  | 352 | C25H52  | 000629-99-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

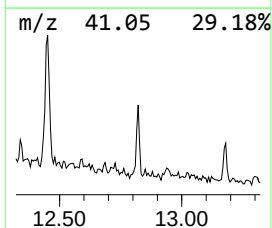
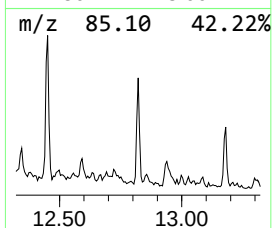
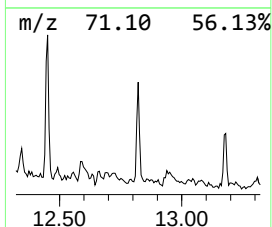
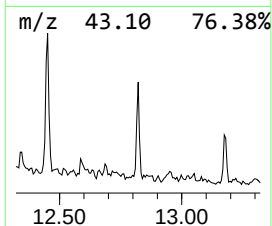
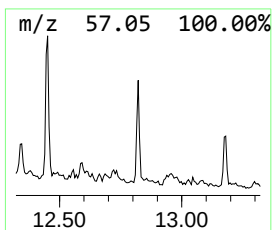
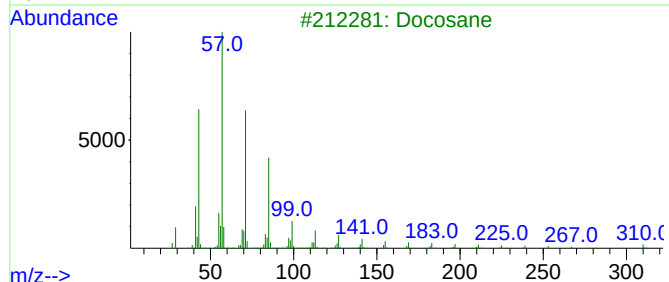
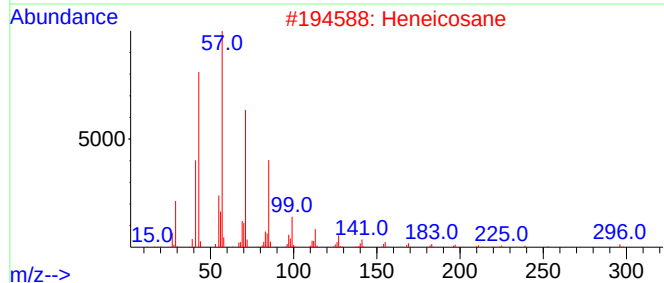
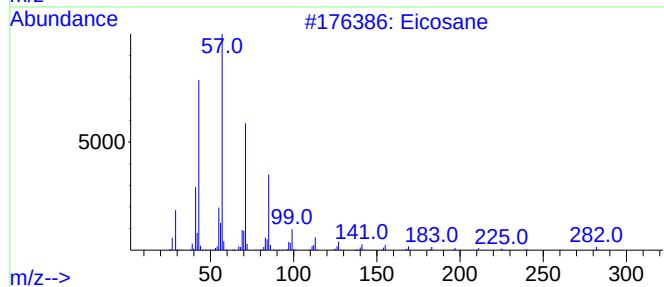
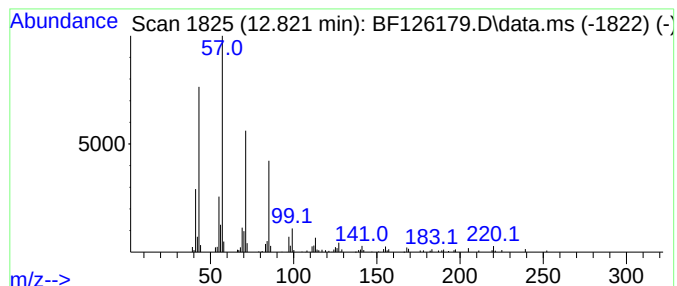
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Eicosane Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.821 | 4.06 ng | 161911 | Chrysene-d12     | 13.992 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Eicosane     | 282 | C20H42  | 000112-95-8 | 91   |
| 2    |      | Heneicosane  | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |      | Docosane     | 310 | C22H46  | 000629-97-0 | 90   |
| 4    |      | Octadecane   | 254 | C18H38  | 000593-45-3 | 87   |
| 5    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
Data File : BF126179.D  
Acq On : 13 Nov 2021 20:56  
Operator : JU/CG  
Sample : M4654-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PARKINGLOT-BOTTOM-U-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

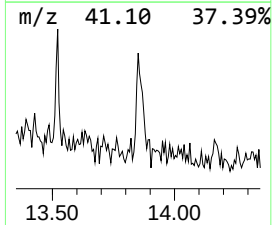
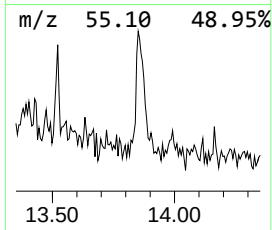
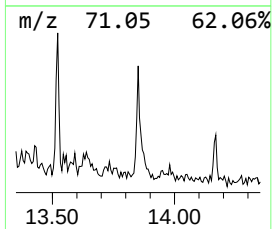
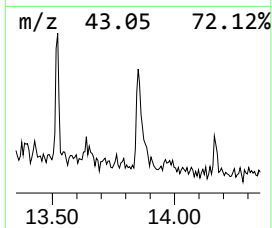
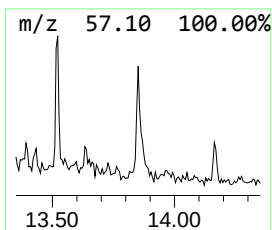
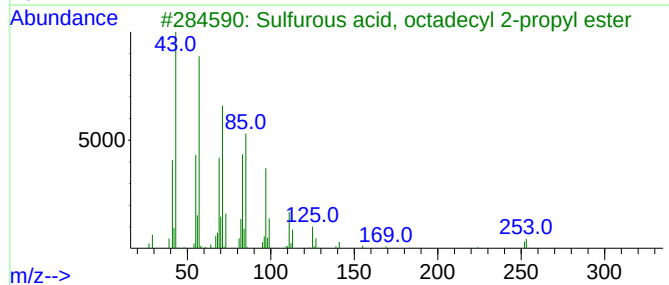
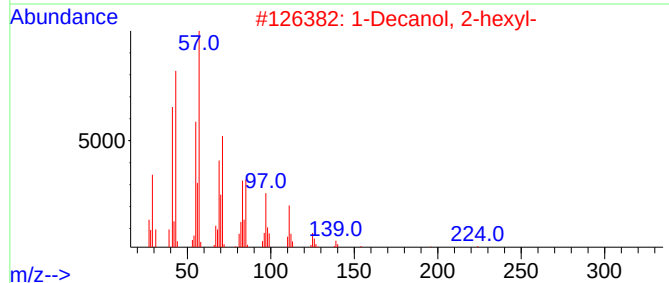
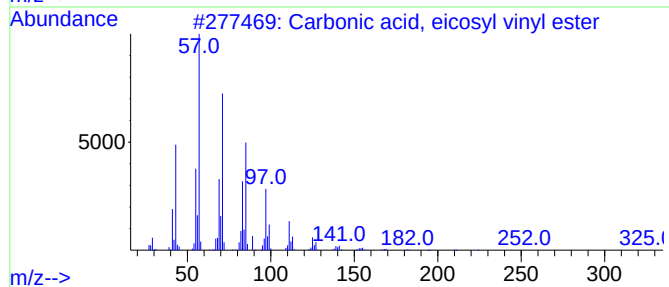
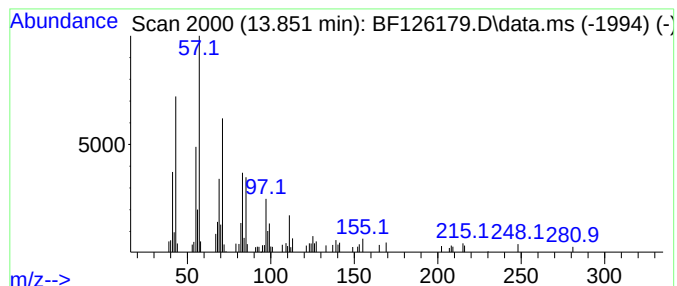
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Carbonic acid, eicosyl vinyl... Concentration Rank 19

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.851 | 3.89 ng | 154875 | Chrysene-d12     | 13.992 |

| Hit# | of | 5 | Tentative ID                             | MW  | MolForm    | CAS#         | Qual |
|------|----|---|------------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Carbonic acid, eicosyl vinyl ester       | 368 | C23H44O3   | 1000382-54-3 | 87   |
| 2    |    |   | 1-Decanol, 2-hexyl-                      | 242 | C16H34O    | 002425-77-6  | 86   |
| 3    |    |   | Sulfurous acid, octadecyl 2-propyl ester | 376 | C21H44O3S  | 1000309-12-7 | 83   |
| 4    |    |   | Isobutyl octadecyl ether                 | 326 | C22H46O    | 1000406-32-9 | 80   |
| 5    |    |   | Tetrapentacontane, 1,54-dibromo-         | 915 | C54H108Br2 | 1000156-09-4 | 74   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
 Data File : BF126179.D  
 Acq On : 13 Nov 2021 20:56  
 Operator : JU/CG  
 Sample : M4654-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PARKINGLOT-BOTTOM-U-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.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 |
| Decane             | 6.669  | 3.7     | ng    | 150671   | 1                     | 6.828  | 804874  | 20.0 |
| Ethanol, 2-(2-b... | 8.016  | 4.3     | ng    | 339506   | 2                     | 8.116  | 1560340 | 20.0 |
| Tridecane          | 8.710  | 11.3    | ng    | 878261   | 2                     | 8.116  | 1560340 | 20.0 |
| Tridecane, 2-me... | 9.075  | 4.0     | ng    | 240473   | 3                     | 9.869  | 1195120 | 20.0 |
| Dodecane, 2,7,1... | 9.139  | 5.0     | ng    | 297265   | 3                     | 9.869  | 1195120 | 20.0 |
| Tetradecane        | 9.275  | 19.1    | ng    | 1138990  | 3                     | 9.869  | 1195120 | 20.0 |
| 1-Octadecanesul... | 9.598  | 9.4     | ng    | 564544   | 3                     | 9.869  | 1195120 | 20.0 |
| Pentadecane        | 9.804  | 16.9    | ng    | 1012010  | 3                     | 9.869  | 1195120 | 20.0 |
| 3-Ethyl-2,6,10-... | 10.033 | 4.2     | ng    | 247998   | 3                     | 9.869  | 1195120 | 20.0 |
| 10-Methylnonade... | 10.128 | 5.6     | ng    | 334465   | 3                     | 9.869  | 1195120 | 20.0 |
| Hexadecane         | 10.304 | 16.4    | ng    | 981086   | 3                     | 9.869  | 1195120 | 20.0 |
| Dodecane           | 10.528 | 11.3    | ng    | 675776   | 3                     | 9.869  | 1195120 | 20.0 |
| Heptadecane        | 10.780 | 25.2    | ng    | 1251760  | 4                     | 11.351 | 992980  | 20.0 |
| Tridecane, 7-pr... | 11.227 | 12.4    | ng    | 616894   | 4                     | 11.351 | 992980  | 20.0 |
| Hexadecane, 1-i... | 11.257 | 8.1     | ng    | 401376   | 4                     | 11.351 | 992980  | 20.0 |
| Nonadecane         | 11.651 | 9.2     | ng    | 458596   | 4                     | 11.351 | 992980  | 20.0 |
| Dodecane, 1-iodo-  | 12.057 | 6.9     | ng    | 341375   | 4                     | 11.351 | 992980  | 20.0 |
| Heneicosane        | 12.451 | 9.2     | ng    | 458530   | 4                     | 11.351 | 992980  | 20.0 |
| Eicosane           | 12.821 | 4.1     | ng    | 161911   | 5                     | 13.992 | 796869  | 20.0 |
| Carbonic acid, ... | 13.851 | 3.9     | ng    | 154875   | 5                     | 13.992 | 796869  | 20.0 |