

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\  
 Data File : BF105088.D  
 Acq On : 3 May 2018 22:19  
 Operator : JU/SJ  
 Sample : J2669-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-050118-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.398       | 560           | 563         | 589          | rBV      | 608158         | 1108416       | 11.54%          | 1.145%        |
| 2         | 6.428       | 735           | 738         | 756          | rBV      | 672563         | 1158199       | 12.06%          | 1.196%        |
| 3         | 6.551       | 756           | 759         | 775          | rVB      | 1135907        | 1274272       | 13.27%          | 1.316%        |
| 4         | 6.775       | 794           | 797         | 814          | rBV      | 586626         | 642579        | 6.69%           | 0.664%        |
| 5         | 6.933       | 820           | 824         | 839          | rVB      | 902584         | 924802        | 9.63%           | 0.955%        |
| 6         | 7.345       | 891           | 894         | 911          | rBV      | 606889         | 744327        | 7.75%           | 0.769%        |
| 7         | 8.063       | 1013          | 1016        | 1018         | rBV      | 951211         | 883563        | 9.20%           | 0.912%        |
| 8         | 8.086       | 1018          | 1020        | 1027         | rVV      | 2344648        | 2088032       | 21.74%          | 2.156%        |
| 9         | 8.780       | 1134          | 1138        | 1144         | rBV      | 2369786        | 2079065       | 21.65%          | 2.147%        |
| 10        | 8.880       | 1150          | 1155        | 1162         | rVB      | 1668144        | 1595713       | 16.61%          | 1.648%        |
| 11        | 9.139       | 1195          | 1199        | 1206         | rVB      | 1446628        | 1274318       | 13.27%          | 1.316%        |
| 12        | 9.239       | 1213          | 1216        | 1221         | rVV      | 358798         | 304186        | 3.17%           | 0.314%        |
| 13        | 9.333       | 1230          | 1232        | 1237         | rVB      | 252202         | 267234        | 2.78%           | 0.276%        |
| 14        | 9.404       | 1240          | 1244        | 1249         | rBV      | 830926         | 1166409       | 12.14%          | 1.205%        |
| 15        | 9.480       | 1252          | 1257        | 1259         | rVV      | 1156454        | 1251055       | 13.03%          | 1.292%        |
| 16        | 9.504       | 1259          | 1261        | 1265         | rVV      | 891332         | 779797        | 8.12%           | 0.805%        |
| 17        | 9.592       | 1273          | 1276        | 1285         | rVB      | 539372         | 717014        | 7.47%           | 0.740%        |
| 18        | 9.680       | 1288          | 1291        | 1296         | rBV      | 725946         | 660386        | 6.88%           | 0.682%        |
| 19        | 9.798       | 1308          | 1311        | 1312         | rBV      | 339269         | 262882        | 2.74%           | 0.271%        |
| 20        | 9.822       | 1312          | 1315        | 1317         | rVV      | 869332         | 811493        | 8.45%           | 0.838%        |
| 21        | 9.851       | 1317          | 1320        | 1324         | rVV      | 1469143        | 1390963       | 14.48%          | 1.436%        |
| 22        | 9.922       | 1330          | 1332        | 1336         | rVB      | 154727         | 178319        | 1.86%           | 0.184%        |
| 23        | 10.027      | 1346          | 1350        | 1353         | rVV      | 2158901        | 2238721       | 23.31%          | 2.312%        |
| 24        | 10.063      | 1353          | 1356        | 1360         | rVB2     | 347516         | 361558        | 3.76%           | 0.373%        |
| 25        | 10.133      | 1364          | 1368        | 1371         | rBV      | 309775         | 321846        | 3.35%           | 0.332%        |
| 26        | 10.163      | 1371          | 1373        | 1379         | rVB      | 268593         | 244229        | 2.54%           | 0.252%        |
| 27        | 10.227      | 1379          | 1384        | 1385         | rBV      | 207218         | 278398        | 2.90%           | 0.288%        |
| 28        | 10.239      | 1385          | 1386        | 1390         | rVB2     | 228853         | 181428        | 1.89%           | 0.187%        |
| 29        | 10.380      | 1405          | 1410        | 1413         | rBV      | 3453164        | 3602341       | 37.51%          | 3.720%        |
| 30        | 10.433      | 1417          | 1419        | 1421         | rVV      | 230820         | 228814        | 2.38%           | 0.236%        |
| 31        | 10.457      | 1421          | 1423        | 1425         | rVV      | 263821         | 221683        | 2.31%           | 0.229%        |
| 32        | 10.527      | 1432          | 1435        | 1438         | rVB      | 676863         | 613796        | 6.39%           | 0.634%        |
| 33        | 10.616      | 1442          | 1450        | 1454         | rBV2     | 1153724        | 1539528       | 16.03%          | 1.590%        |
| 34        | 10.716      | 1463          | 1467        | 1471         | rBV4     | 127272         | 219996        | 2.29%           | 0.227%        |

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 10.916 | 1494 | 1501 | 1504 | rBV2 | 663530  | 796504  | 8.29%   | 0.823% |
| 36 | 10.945 | 1504 | 1506 | 1509 | rVV  | 338910  | 291249  | 3.03%   | 0.301% |
| 37 | 10.998 | 1512 | 1515 | 1518 | rVV  | 281559  | 246195  | 2.56%   | 0.254% |
| 38 | 11.045 | 1518 | 1523 | 1525 | rVV2 | 251820  | 296360  | 3.09%   | 0.306% |
| 39 | 11.069 | 1525 | 1527 | 1529 | rVV  | 231398  | 228549  | 2.38%   | 0.236% |
| 40 | 11.127 | 1533 | 1537 | 1539 | rVV2 | 162005  | 204734  | 2.13%   | 0.211% |
| 41 | 11.163 | 1539 | 1543 | 1547 | rVV3 | 281309  | 419797  | 4.37%   | 0.434% |
| 42 | 11.210 | 1547 | 1551 | 1559 | rVB  | 987303  | 938080  | 9.77%   | 0.969% |
| 43 | 11.363 | 1565 | 1577 | 1579 | rBV  | 4937621 | 9604867 | 100.00% | 9.919% |
| 44 | 11.404 | 1579 | 1584 | 1587 | rVV  | 2761197 | 2937499 | 30.58%  | 3.034% |
| 45 | 11.427 | 1587 | 1588 | 1593 | rVV2 | 178533  | 189850  | 1.98%   | 0.196% |
| 46 | 11.474 | 1593 | 1596 | 1601 | rVV2 | 141326  | 205213  | 2.14%   | 0.212% |
| 47 | 11.557 | 1604 | 1610 | 1614 | rVV  | 1201454 | 1303520 | 13.57%  | 1.346% |
| 48 | 11.604 | 1614 | 1618 | 1620 | rVV2 | 267924  | 291890  | 3.04%   | 0.301% |
| 49 | 11.645 | 1623 | 1625 | 1630 | rVV3 | 172552  | 274098  | 2.85%   | 0.283% |
| 50 | 11.816 | 1650 | 1654 | 1656 | rBV  | 1221586 | 1127381 | 11.74%  | 1.164% |
| 51 | 11.845 | 1656 | 1659 | 1663 | rVB  | 1575417 | 1451685 | 15.11%  | 1.499% |
| 52 | 11.892 | 1663 | 1667 | 1670 | rBV  | 564653  | 530359  | 5.52%   | 0.548% |
| 53 | 11.933 | 1670 | 1674 | 1682 | rVB2 | 1965352 | 2686526 | 27.97%  | 2.774% |
| 54 | 12.110 | 1701 | 1704 | 1708 | rVV  | 856724  | 725125  | 7.55%   | 0.749% |
| 55 | 12.368 | 1743 | 1748 | 1749 | rBV  | 389489  | 444636  | 4.63%   | 0.459% |
| 56 | 12.386 | 1749 | 1751 | 1753 | rVV  | 472918  | 472044  | 4.91%   | 0.487% |
| 57 | 12.404 | 1753 | 1754 | 1756 | rVV2 | 477144  | 334644  | 3.48%   | 0.346% |
| 58 | 12.468 | 1760 | 1765 | 1767 | rBV2 | 223236  | 305131  | 3.18%   | 0.315% |
| 59 | 12.551 | 1772 | 1779 | 1782 | rBV  | 4200030 | 6486163 | 67.53%  | 6.698% |
| 60 | 12.686 | 1796 | 1802 | 1805 | rBV  | 322673  | 361147  | 3.76%   | 0.373% |
| 61 | 12.780 | 1810 | 1818 | 1821 | rBV2 | 3723882 | 6214016 | 64.70%  | 6.417% |
| 62 | 12.810 | 1821 | 1823 | 1828 | rVB2 | 367746  | 364456  | 3.79%   | 0.376% |
| 63 | 12.898 | 1831 | 1838 | 1841 | rBV2 | 987048  | 1299085 | 13.53%  | 1.342% |
| 64 | 12.927 | 1841 | 1843 | 1847 | rVB  | 186893  | 181746  | 1.89%   | 0.188% |
| 65 | 12.986 | 1847 | 1853 | 1857 | rBV2 | 460341  | 790102  | 8.23%   | 0.816% |
| 66 | 13.068 | 1863 | 1867 | 1868 | rBV  | 311712  | 332149  | 3.46%   | 0.343% |
| 67 | 13.098 | 1868 | 1872 | 1875 | rVB  | 1179448 | 1204793 | 12.54%  | 1.244% |
| 68 | 13.162 | 1880 | 1883 | 1886 | rVV  | 1015072 | 960297  | 10.00%  | 0.992% |
| 69 | 13.204 | 1886 | 1890 | 1893 | rVV2 | 571122  | 714085  | 7.43%   | 0.737% |
| 70 | 13.298 | 1902 | 1906 | 1908 | rBV  | 248177  | 239331  | 2.49%   | 0.247% |
| 71 | 13.327 | 1908 | 1911 | 1920 | rVB2 | 361220  | 494039  | 5.14%   | 0.510% |

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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Integration Parameters: rteint.p  
Integrator: RTE  
Smoothing : ON  
Sampling : 1  
Start Thrs: 0.2  
Stop Thrs : 0  
Filtering: 5  
Min Area: 3 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 13.592 | 1953 | 1956 | 1959 | rBV2 | 147653  | 185460  | 1.93%  | 0.192% |
| 73  | 13.627 | 1959 | 1962 | 1965 | rVB  | 241634  | 235999  | 2.46%  | 0.244% |
| 74  | 13.739 | 1977 | 1981 | 1983 | rBV  | 448851  | 435339  | 4.53%  | 0.450% |
| 75  | 13.762 | 1983 | 1985 | 1988 | rVB  | 457929  | 368079  | 3.83%  | 0.380% |
| 76  | 13.792 | 1988 | 1990 | 1992 | rBV  | 352516  | 341673  | 3.56%  | 0.353% |
| 77  | 13.851 | 1997 | 2000 | 2002 | rVB  | 211117  | 186838  | 1.95%  | 0.193% |
| 78  | 13.915 | 2006 | 2011 | 2018 | rBV  | 145396  | 272559  | 2.84%  | 0.281% |
| 79  | 14.004 | 2019 | 2026 | 2030 | rBV3 | 2400086 | 4133113 | 43.03% | 4.268% |
| 80  | 14.045 | 2030 | 2033 | 2036 | rVB  | 2069864 | 2000483 | 20.83% | 2.066% |
| 81  | 14.121 | 2043 | 2046 | 2049 | rVB  | 455003  | 356037  | 3.71%  | 0.368% |
| 82  | 14.168 | 2051 | 2054 | 2061 | rVB5 | 216149  | 288006  | 3.00%  | 0.297% |
| 83  | 14.386 | 2088 | 2091 | 2093 | rBV2 | 184498  | 211633  | 2.20%  | 0.219% |
| 84  | 14.427 | 2095 | 2098 | 2101 | rVV  | 487254  | 546225  | 5.69%  | 0.564% |
| 85  | 14.462 | 2101 | 2104 | 2107 | rVV2 | 249250  | 247504  | 2.58%  | 0.256% |
| 86  | 14.515 | 2109 | 2113 | 2114 | rVV3 | 140003  | 192765  | 2.01%  | 0.199% |
| 87  | 14.533 | 2114 | 2116 | 2119 | rVV  | 210490  | 241706  | 2.52%  | 0.250% |
| 88  | 14.568 | 2119 | 2122 | 2123 | rVV  | 245096  | 230396  | 2.40%  | 0.238% |
| 89  | 14.592 | 2123 | 2126 | 2129 | rVB  | 252050  | 267879  | 2.79%  | 0.277% |
| 90  | 14.968 | 2186 | 2190 | 2193 | rBV2 | 169923  | 210337  | 2.19%  | 0.217% |
| 91  | 15.133 | 2212 | 2218 | 2221 | rBV  | 1319498 | 2349516 | 24.46% | 2.426% |
| 92  | 15.233 | 2232 | 2235 | 2241 | rBV  | 326897  | 391168  | 4.07%  | 0.404% |
| 93  | 15.439 | 2265 | 2270 | 2275 | rVB  | 692946  | 921995  | 9.60%  | 0.952% |
| 94  | 15.504 | 2276 | 2281 | 2286 | rVV  | 1225257 | 1571415 | 16.36% | 1.623% |
| 95  | 15.556 | 2287 | 2290 | 2293 | rVV  | 299963  | 390428  | 4.06%  | 0.403% |
| 96  | 15.592 | 2293 | 2296 | 2304 | rVB  | 390756  | 533792  | 5.56%  | 0.551% |
| 97  | 17.045 | 2537 | 2543 | 2550 | rVB  | 466322  | 920597  | 9.58%  | 0.951% |
| 98  | 17.215 | 2568 | 2572 | 2578 | rBV  | 124337  | 221209  | 2.30%  | 0.228% |
| 99  | 17.492 | 2614 | 2619 | 2626 | rVB  | 305835  | 640034  | 6.66%  | 0.661% |
| 100 | 17.733 | 2656 | 2660 | 2672 | rVB  | 138695  | 377564  | 3.93%  | 0.390% |

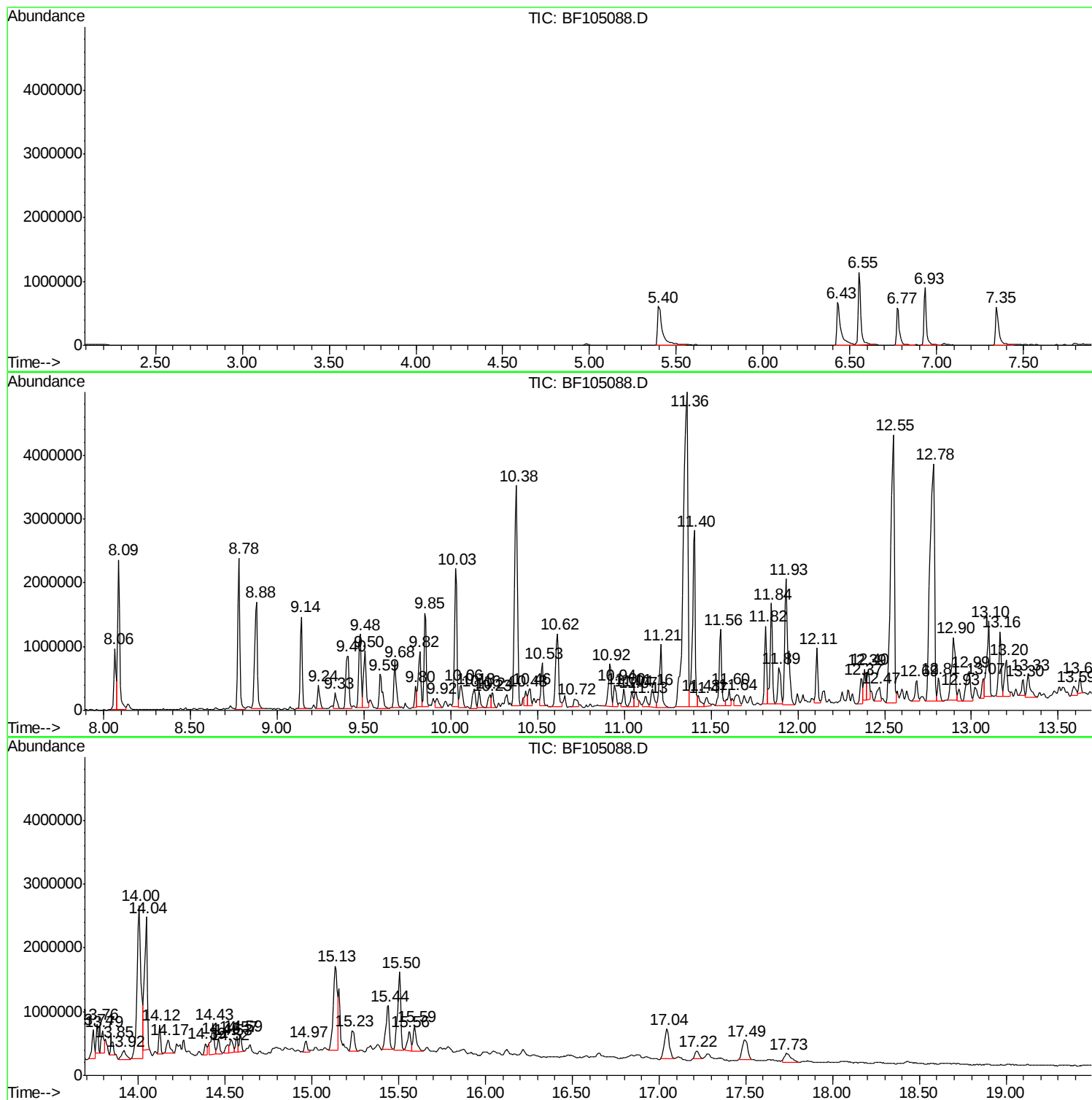
Sum of corrected areas: 96832456

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Instrument :  
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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.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:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

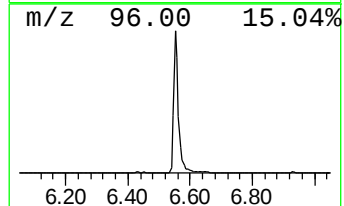
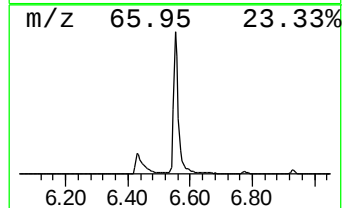
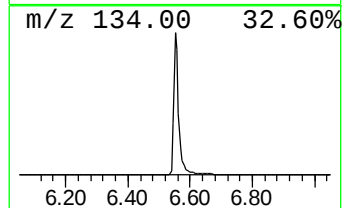
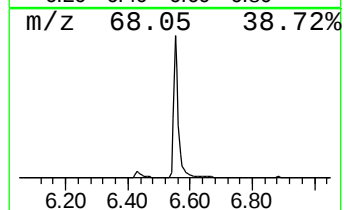
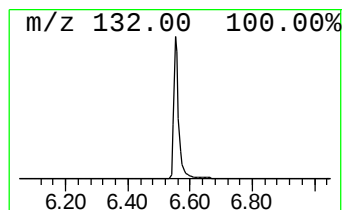
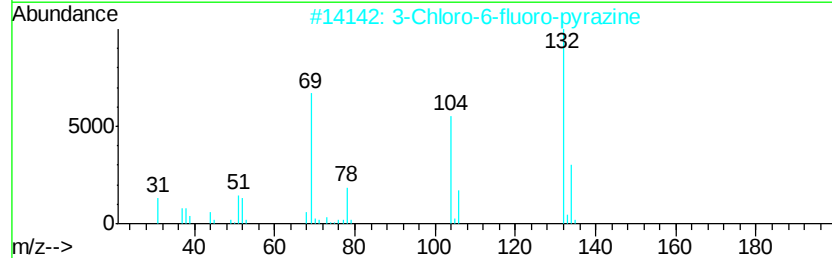
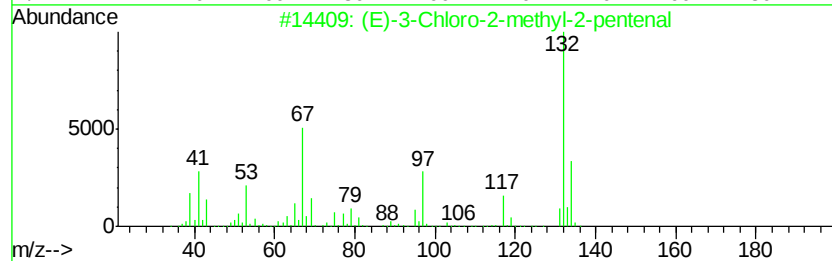
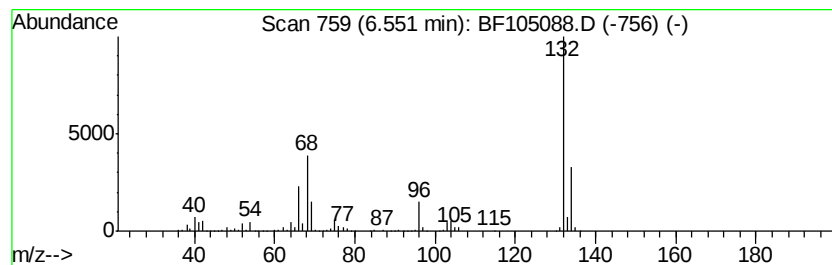
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 unknown6.55 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.55 | 39.66 ng | 1274270 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of | 5                                | Tentative ID | MW        | MolForm      | CAS# | Qual |
|---------|----------------------------------|--------------|-----------|--------------|------|------|
| 1       | (E)-3-Chloro-2-methyl-2-pentenal | 132          | C6H9ClO   | 031357-76-3  | 16   |      |
| 2       | 3-Chloro-6-fluoro-pyrazine       | 132          | C4H2ClFN2 | 1000146-10-7 | 16   |      |
| 3       | Tranvlcvpromine-propionyl        | 189          | C12H15NO  | 1000123-86-3 | 10   |      |
| 4       | 5-Fluoro-2-chloropyrimidine      | 132          | C4H2ClFN2 | 062802-42-0  | 9    |      |
| 5       | 1-Methylpyrrolo[1,2-a]pyrazine   | 132          | C8H8N2    | 064608-59-9  | 9    |      |



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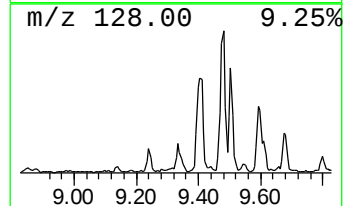
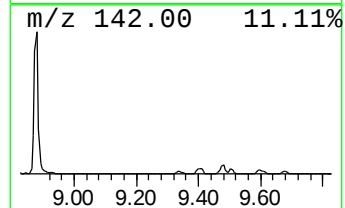
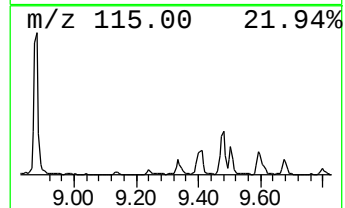
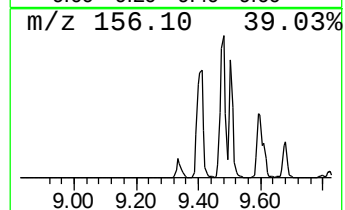
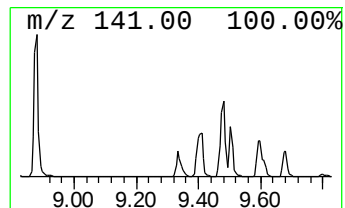
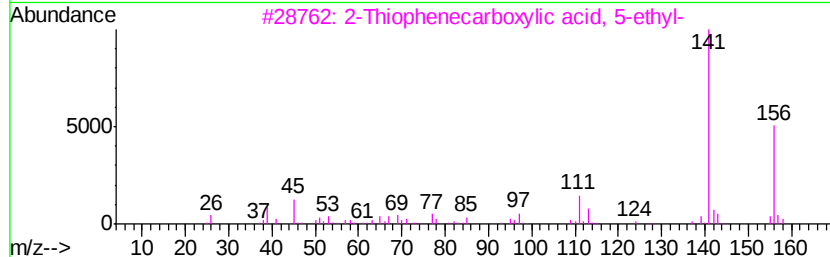
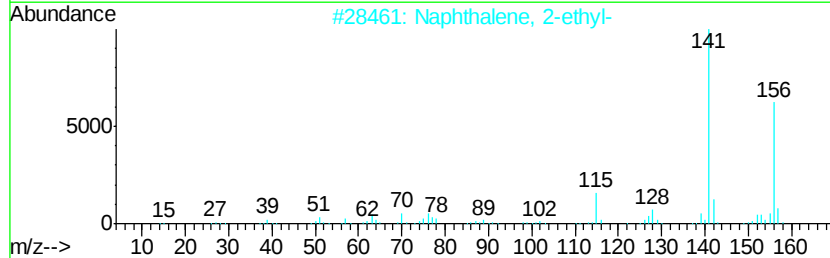
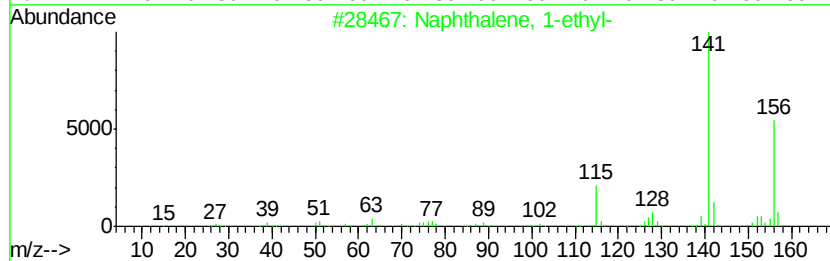
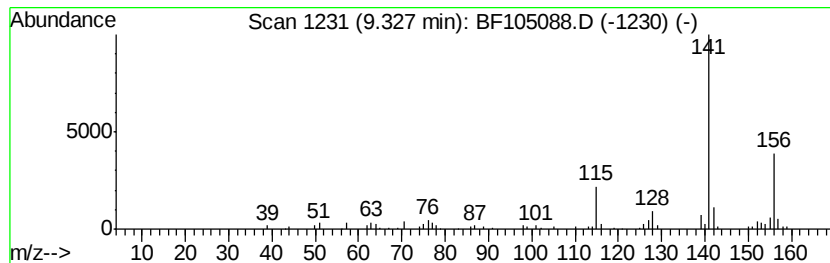
Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 15

| R.T.    | EstConc | Area                                 | Relative to ISTD | R.T.           |
|---------|---------|--------------------------------------|------------------|----------------|
| 9.33    | 6.59 ng | 267234                               | Acenaphthene-d10 | 9.82           |
| Hit# of | 5       | Tentative ID                         | MW MolForm       | CAS# Qual      |
| 1       |         | Naphthalene, 1-ethyl-                | 156 C12H12       | 001127-76-0 97 |
| 2       |         | Naphthalene, 2-ethyl-                | 156 C12H12       | 000939-27-5 94 |
| 3       |         | 2-Thiophenecarboxylic acid, 5-ethyl- | 156 C7H8O2S      | 023229-72-3 64 |
| 4       |         | Naphthalene, 1-propyl-               | 170 C13H14       | 002765-18-6 59 |
| 5       |         | 3',4'-Difluoroacetophenone           | 156 C8H6F2O      | 000369-33-5 53 |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

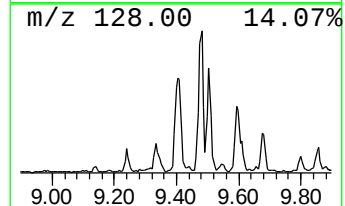
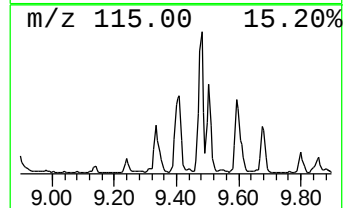
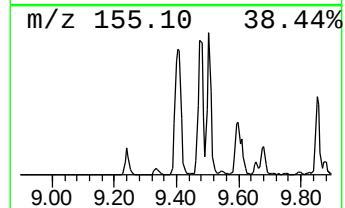
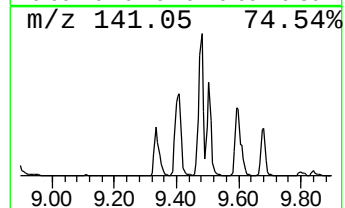
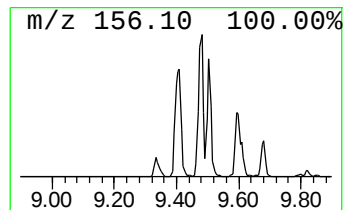
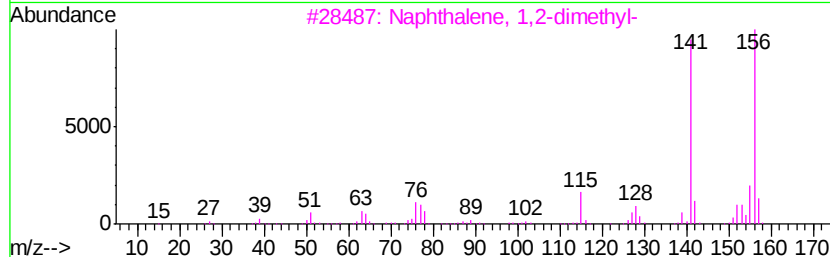
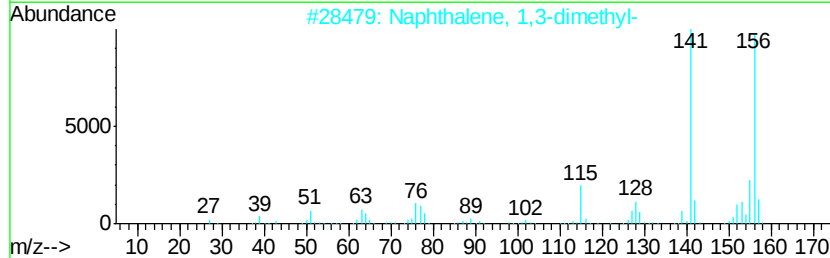
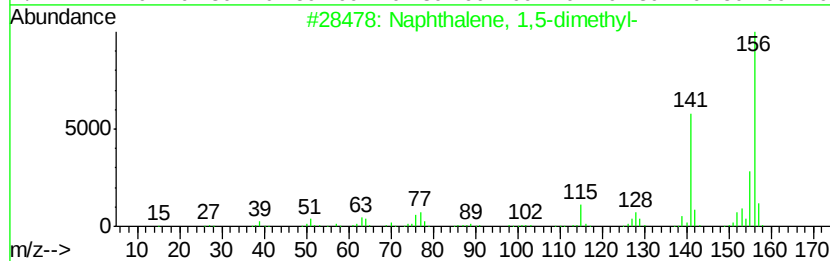
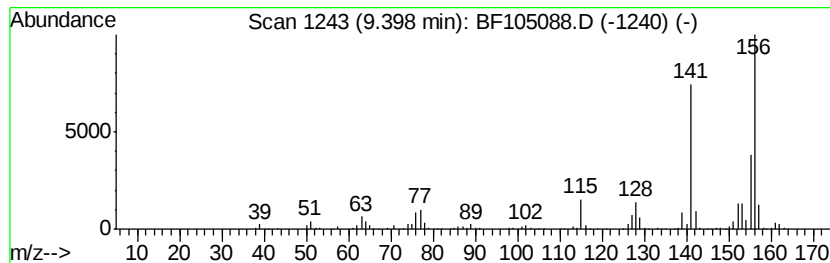
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 6

| R.T. | EstConc  | Area    | Relative to ISTD | R.T. |
|------|----------|---------|------------------|------|
| 9.40 | 28.75 ng | 1166410 | Acenaphthene-d10 | 9.82 |

| Hit# of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|---------|---|----------------------------|-----|---------|-------------|------|
| 1       |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 97   |
| 2       |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 3       |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |
| 4       |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 5       |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

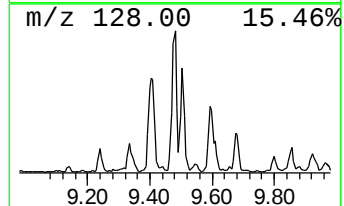
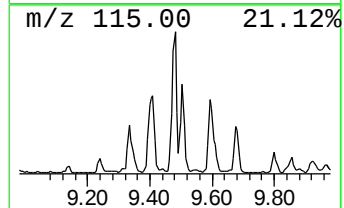
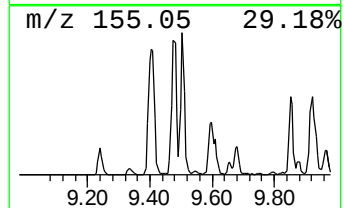
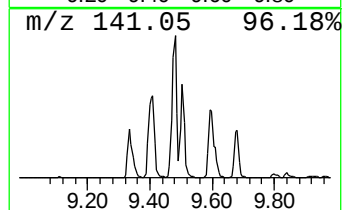
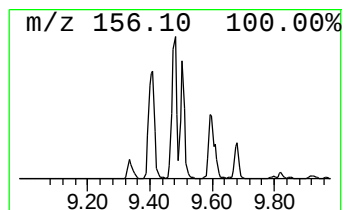
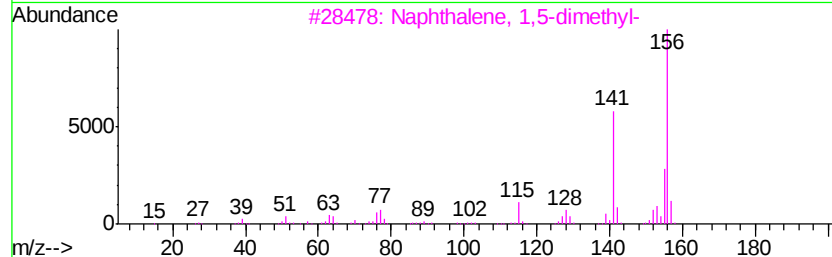
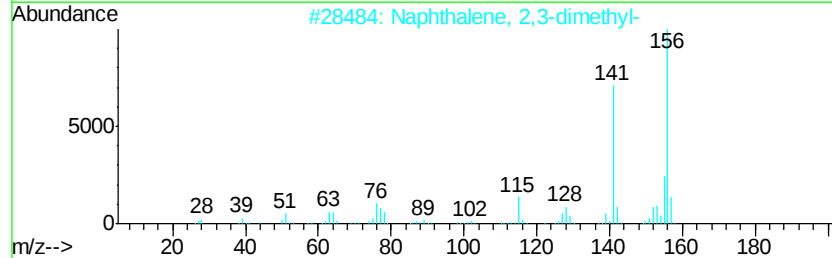
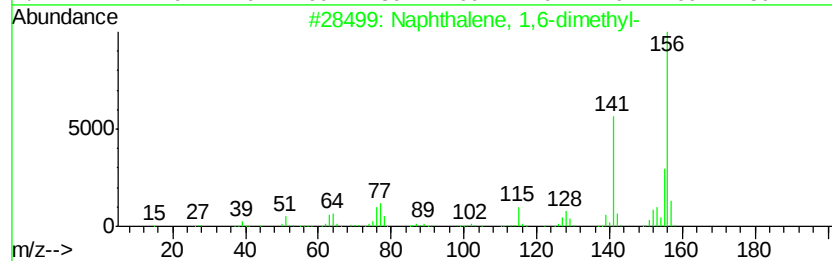
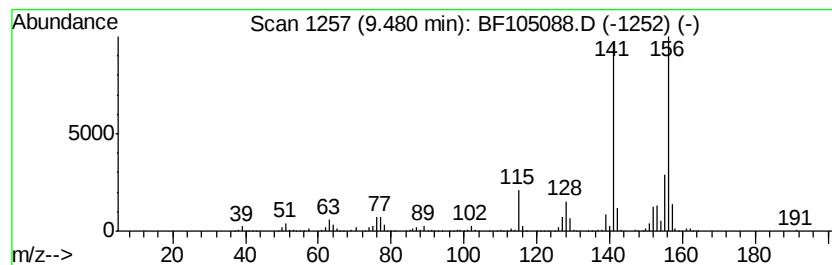
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 4

| R.T. | EstConc  | Area    | Relative to ISTD | R.T. |
|------|----------|---------|------------------|------|
| 9.48 | 30.83 ng | 1251060 | Acenaphthene-d10 | 9.82 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 2    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 97   |
| 4    |    | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 5    |    | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

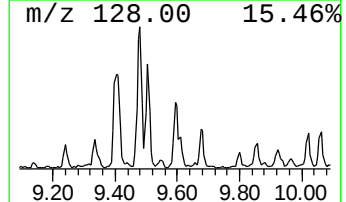
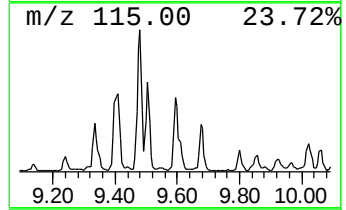
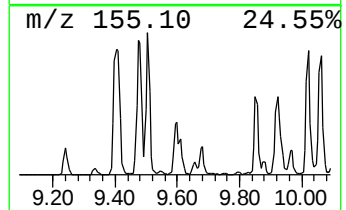
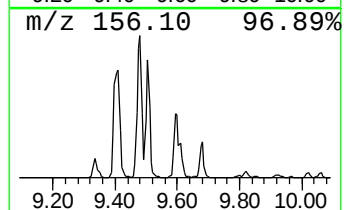
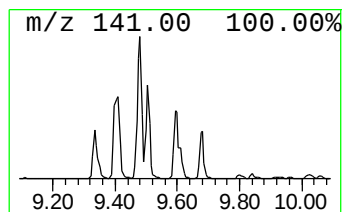
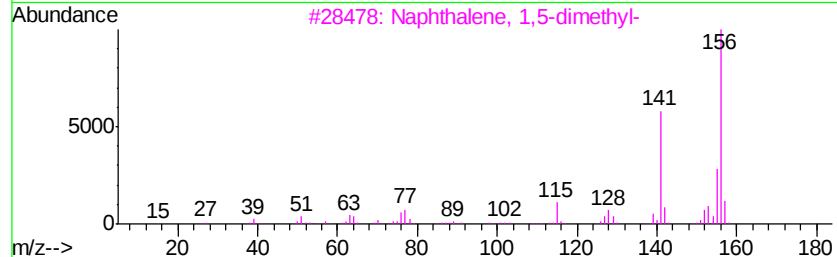
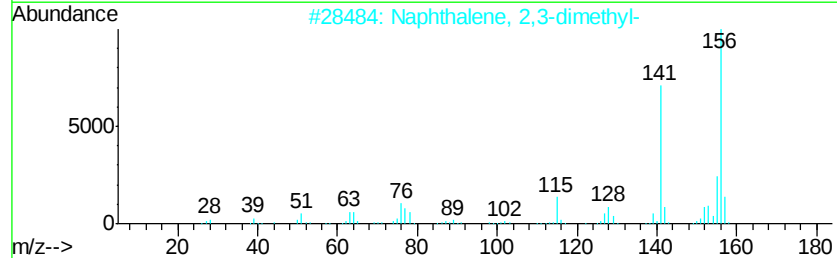
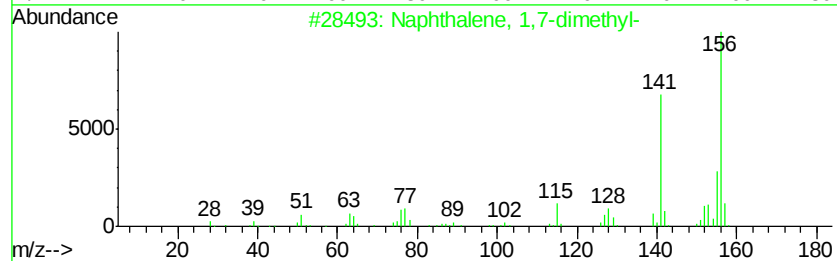
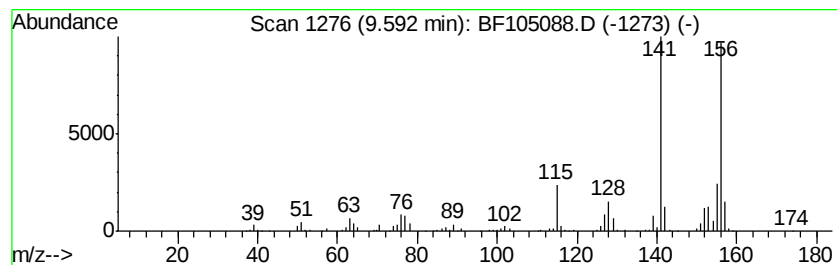
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 9

| R.T. | EstConc  | Area   | Relative to ISTD | R.T. |
|------|----------|--------|------------------|------|
| 9.59 | 17.67 ng | 717014 | Acenaphthene-d10 | 9.82 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 2    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 97   |
| 4    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 5    |    | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

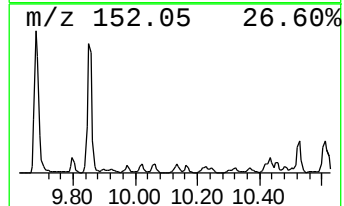
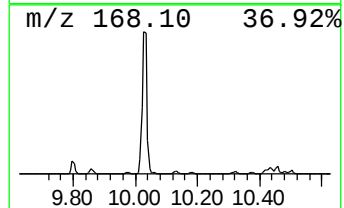
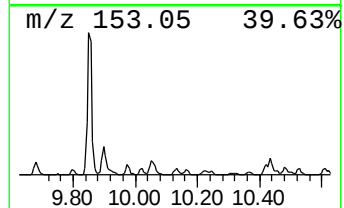
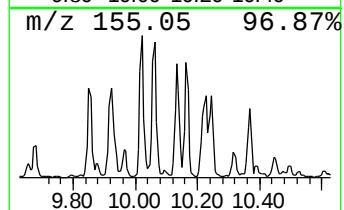
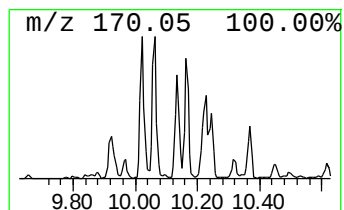
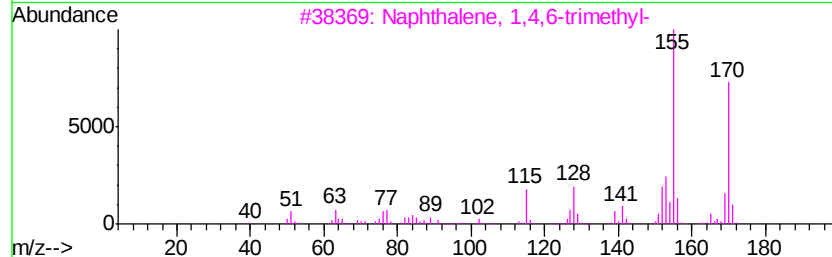
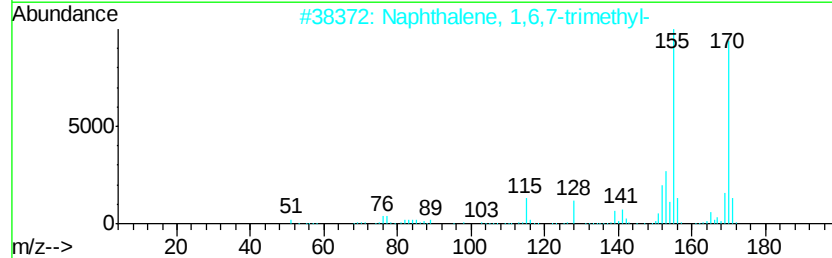
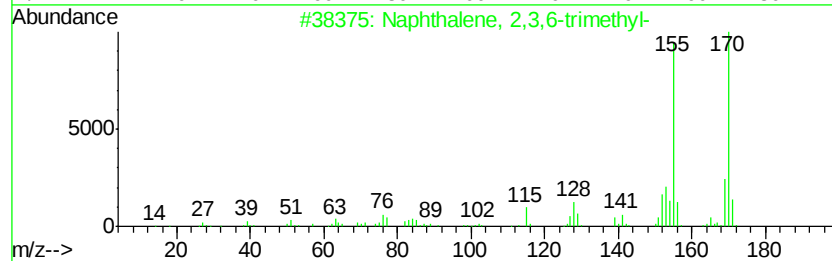
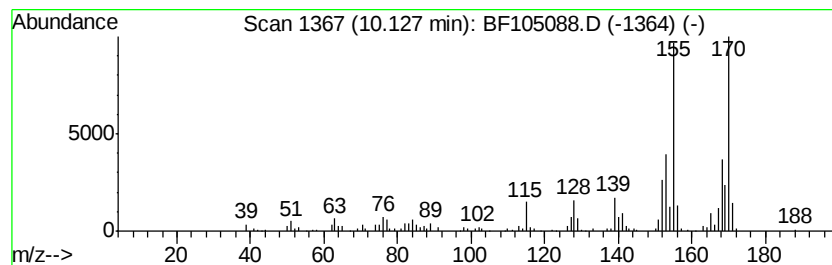
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T. |
|-------|---------|--------|------------------|------|
| 10.13 | 7.93 ng | 321846 | Acenaphthene-d10 | 9.82 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 98   |
| 2    |    | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 96   |
| 3    |    | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 95   |
| 4    |    | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 94   |
| 5    |    | 4,6,8-Trimethylazulene        | 170 | C13H14  | 000941-81-1 | 90   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

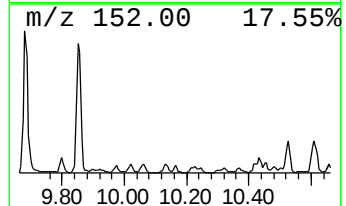
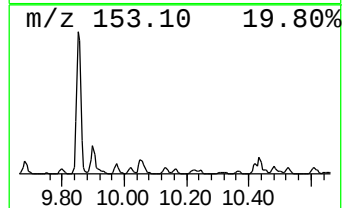
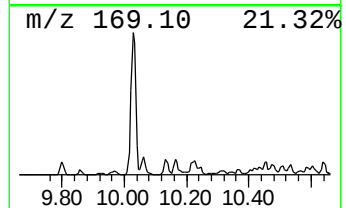
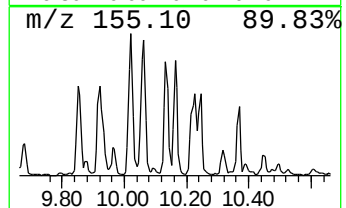
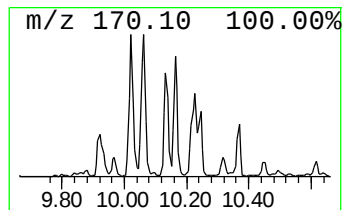
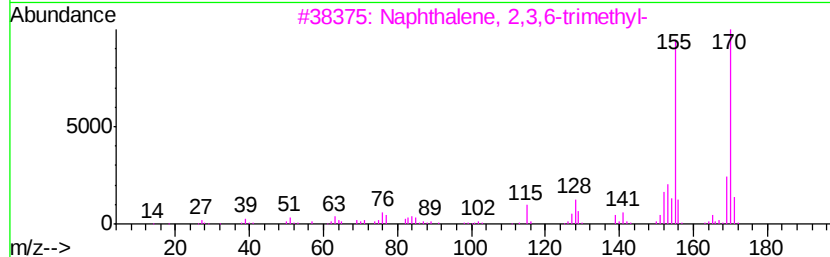
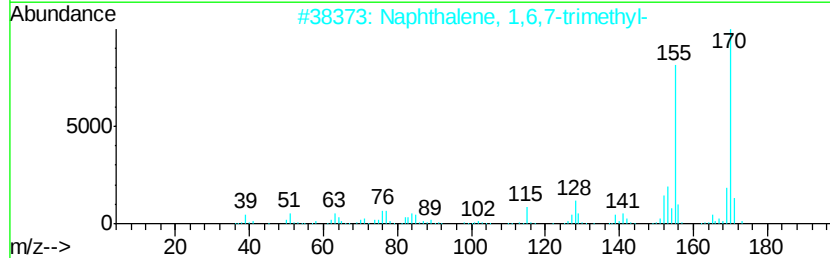
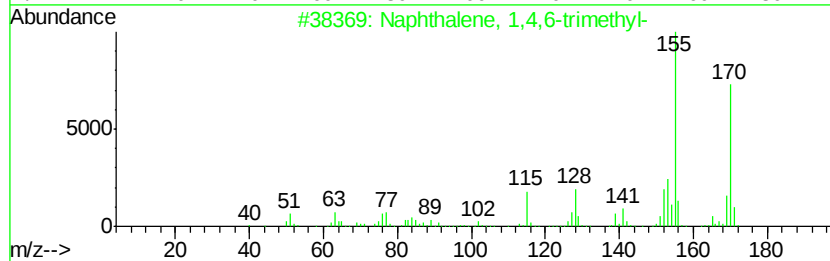
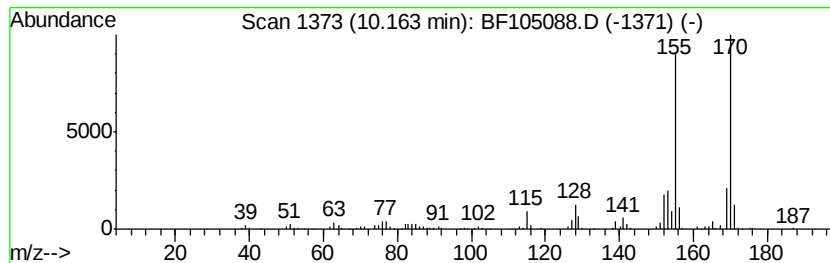
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.            |
|---------|---------|-------------------------------------|------------------|-----------------|
| 10.16   | 6.02 ng | 244229                              | Acenaphthene-d10 | 9.82            |
| Hit# of | 5       | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |         | Naphthalene, 1,4,6-trimethyl-       | 170 C13H14       | 002131-42-2 97  |
| 2       |         | Naphthalene, 1,6,7-trimethyl-       | 170 C13H14       | 002245-38-7 97  |
| 3       |         | Naphthalene, 2,3,6-trimethyl-       | 170 C13H14       | 000829-26-5 97  |
| 4       |         | 1-(2,2-Dimethylcyclopropyl)-2-ph... | 170 C13H14       | 1000294-91-1 93 |
| 5       |         | Naphthalene, 1,4,5-trimethyl-       | 170 C13H14       | 002131-41-1 93  |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

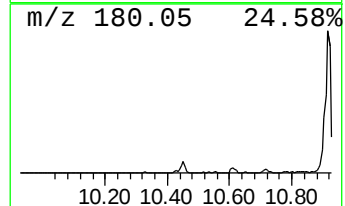
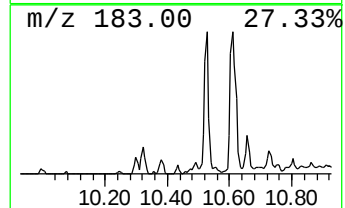
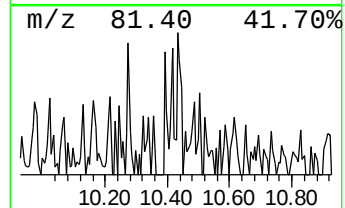
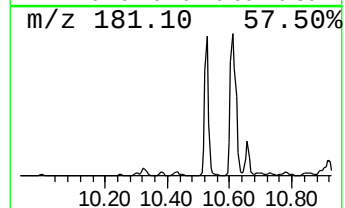
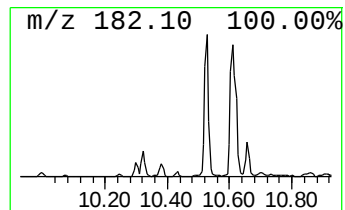
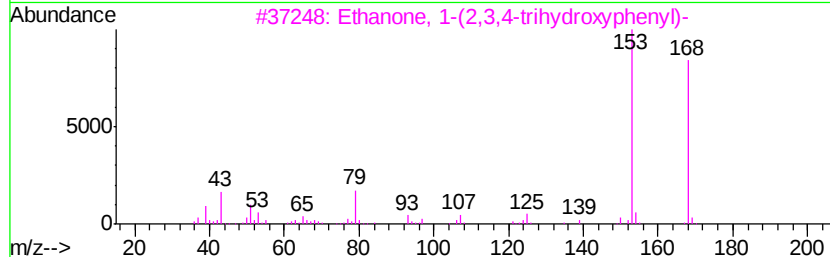
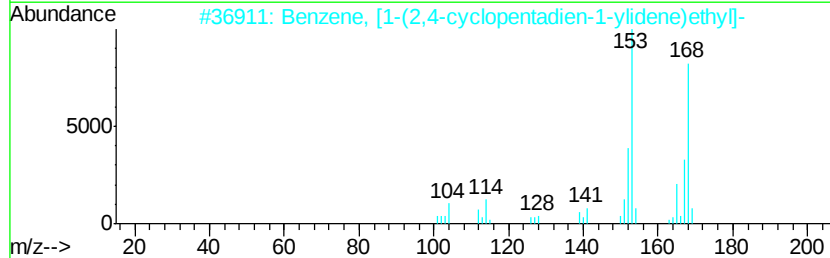
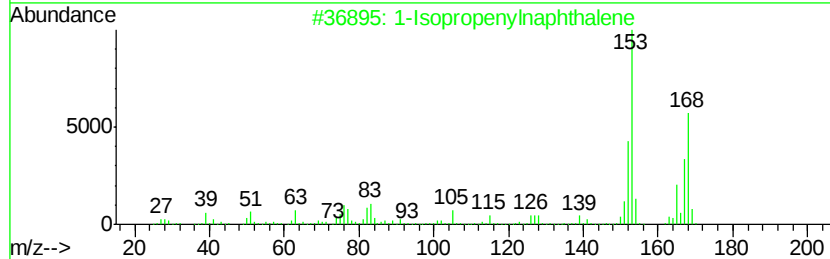
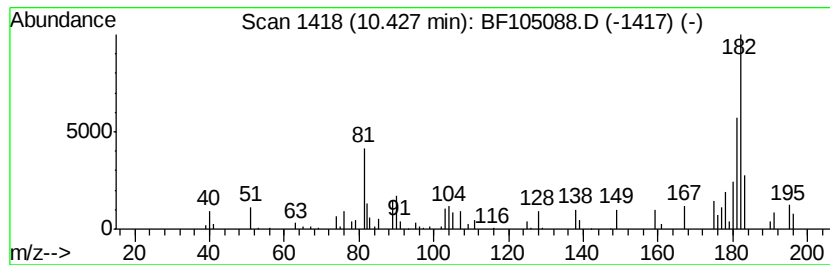
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T. |
|-------|---------|--------|------------------|------|
| 10.43 | 5.64 ng | 228814 | Acenaphthene-d10 | 9.82 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Isopropenylnaphthalene            | 168 | C13H12  | 001855-47-6 | 76   |
| 2    |    |   | Benzene, [1-(2,4-cyclopentadien-... | 168 | C13H12  | 002320-32-3 | 68   |
| 3    |    |   | Ethanone, 1-(2,3,4-trihydroxyphe... | 168 | C8H8O4  | 000528-21-2 | 38   |
| 4    |    |   | 1-Methoxy-2-methyl-4-(methylthio... | 168 | C9H12OS | 050390-78-8 | 38   |
| 5    |    |   | 1,1'-Biphenyl, 3-methyl-            | 168 | C13H12  | 000643-93-6 | 30   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

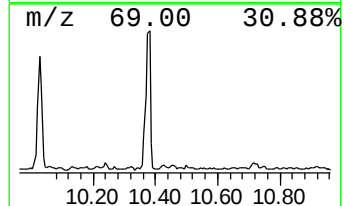
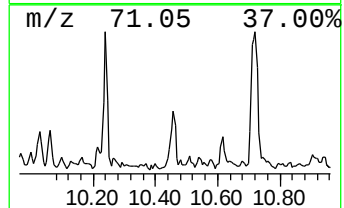
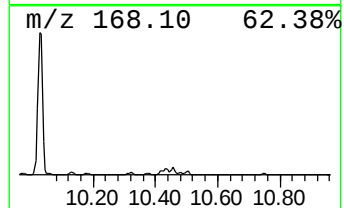
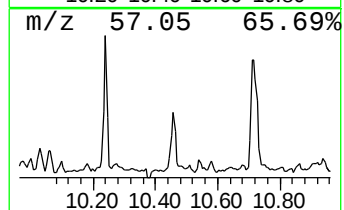
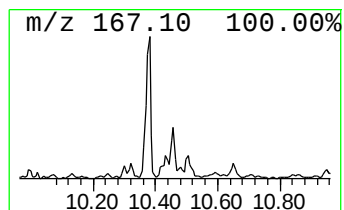
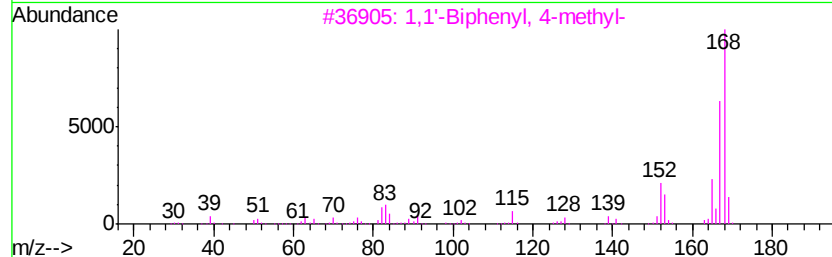
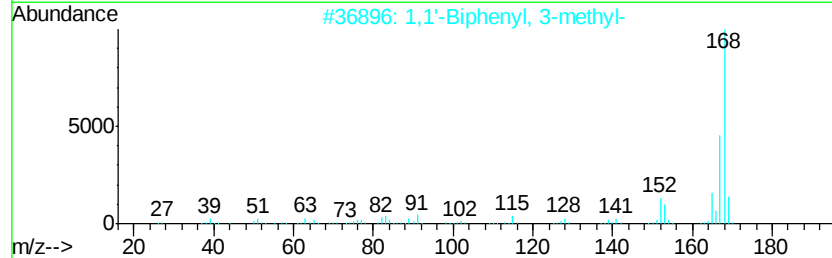
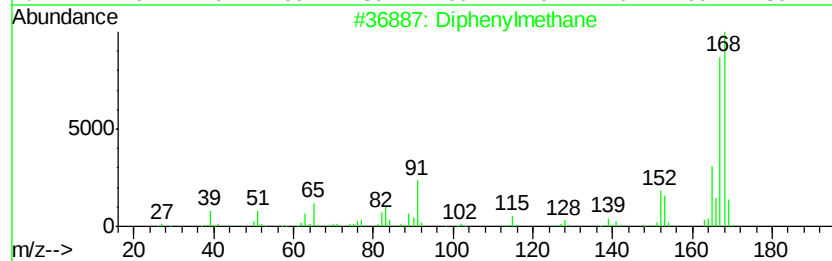
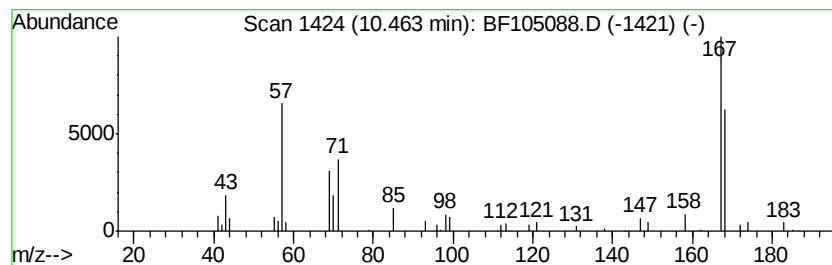
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Diphenylmethane Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T. |
|-------|---------|--------|------------------|------|
| 10.46 | 5.46 ng | 221683 | Acenaphthene-d10 | 9.82 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Diphenylmethane            | 168 | C13H12  | 000101-81-5 | 72   |
| 2    |    |   | 1,1'-Biphenyl, 3-methyl-   | 168 | C13H12  | 000643-93-6 | 52   |
| 3    |    |   | 1,1'-Biphenyl, 4-methyl-   | 168 | C13H12  | 000644-08-6 | 50   |
| 4    |    |   | 1,1'-Biphenyl, 2-methyl-   | 168 | C13H12  | 000643-58-3 | 40   |
| 5    |    |   | 2-Propanone, 1,1-diphenyl- | 210 | C15H14O | 000781-35-1 | 37   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

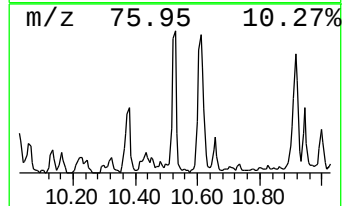
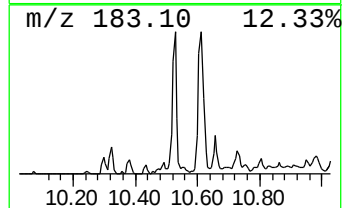
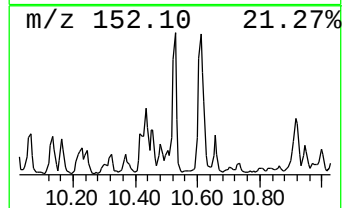
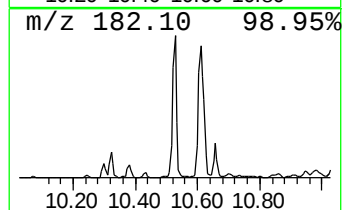
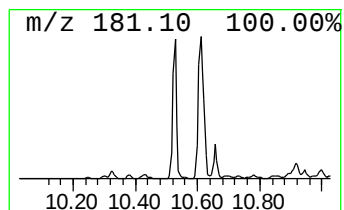
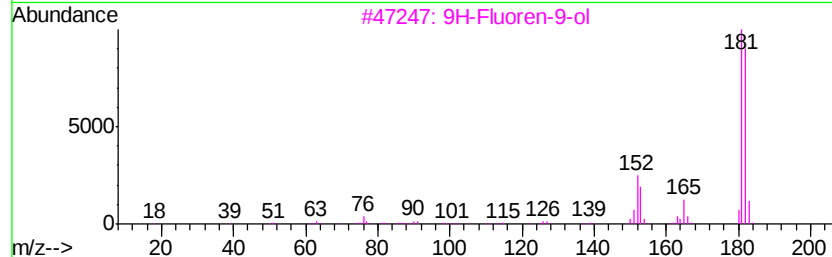
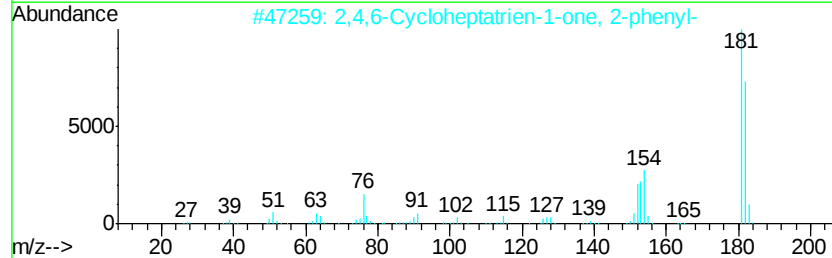
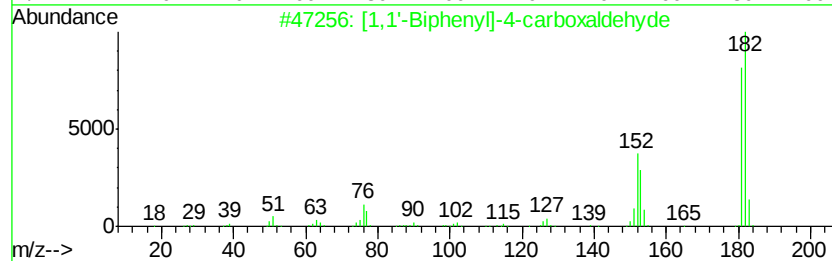
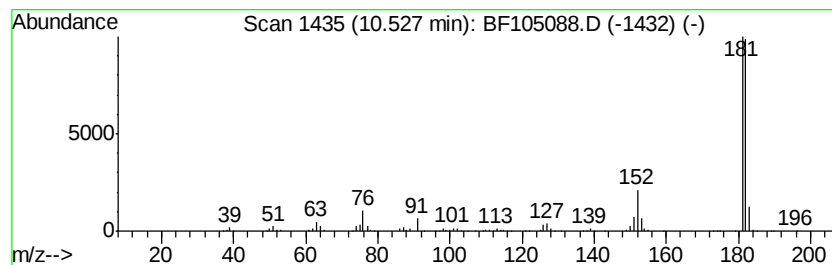
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 10

| R.T.      | EstConc                                | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------------------------|--------|------------------|-------------|------|
| 10.53     | 15.13 ng                               | 613796 | Acenaphthene-d10 | 9.82        |      |
| Hit# of 5 | Tentative ID                           | MW     | MolForm          | CAS#        | Qual |
| 1         | [1,1'-Biphenyl]-4-carboxaldehyde       | 182    | C13H10O          | 003218-36-8 | 80   |
| 2         | 2,4,6-Cycloheptatrien-1-one, 2-phenyl- | 182    | C13H10O          | 014562-09-5 | 78   |
| 3         | 9H-Fluoren-9-ol                        | 182    | C13H10O          | 001689-64-1 | 78   |
| 4         | Dibenzofuran, 4-methyl-                | 182    | C13H10O          | 007320-53-8 | 64   |
| 5         | Pyrido[2,3-b]indole, 6-methyl-         | 182    | C12H10N2         | 108349-67-3 | 64   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

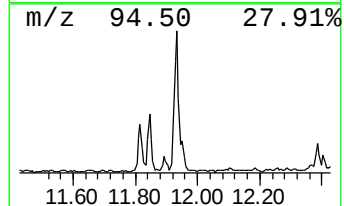
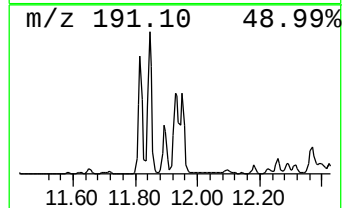
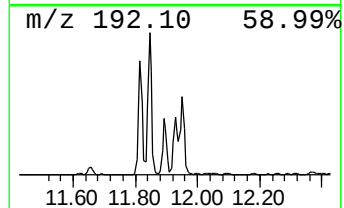
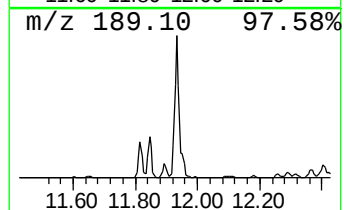
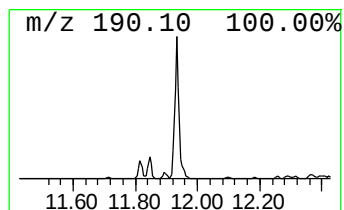
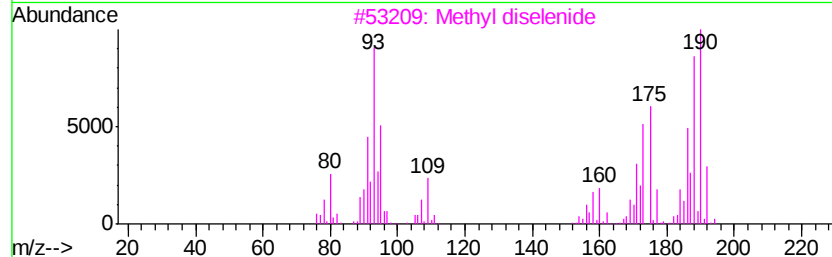
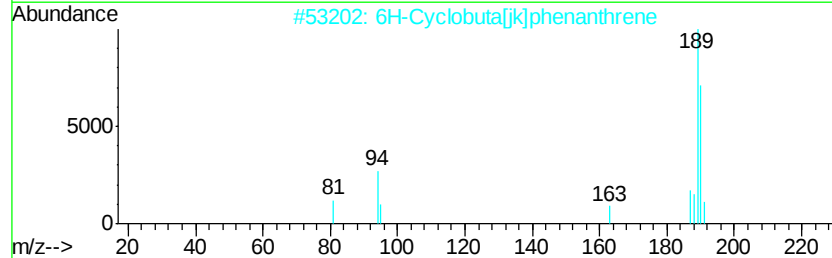
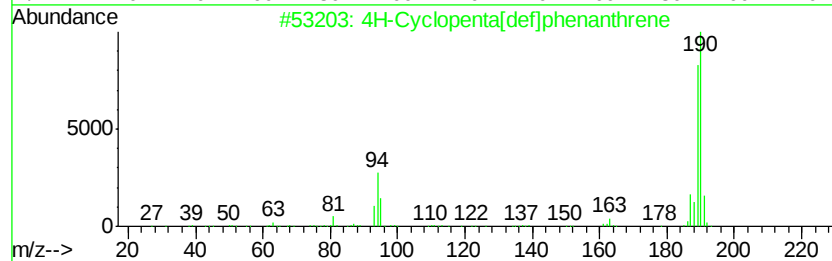
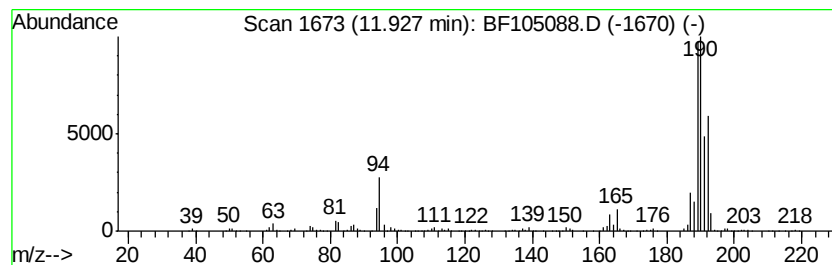
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

| R.T.  | EstConc | Area    | Relative to ISTD | R.T.  |
|-------|---------|---------|------------------|-------|
| 11.93 | 5.59 ng | 2686530 | Phenanthrene-d10 | 11.32 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10   | 000203-64-5 | 93   |
| 2    |    |   | 6H-Cyclobuta[ik]phenanthrene        | 190 | C15H10   | 083469-43-6 | 50   |
| 3    |    |   | Methyl diselenide                   | 190 | C2H6Se2  | 007101-31-7 | 49   |
| 4    |    |   | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4 | 069286-06-2 | 45   |
| 5    |    |   | 1,4-Naphthalenedione, 2,5-dihydr... | 190 | C10H6O4  | 004923-55-1 | 17   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

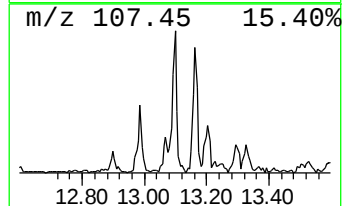
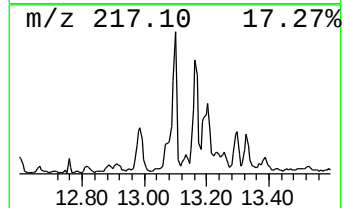
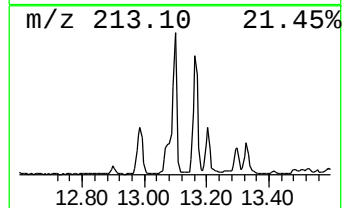
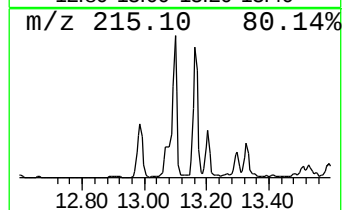
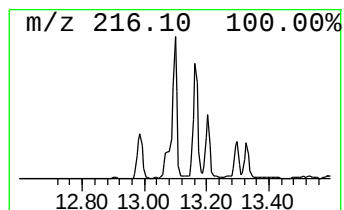
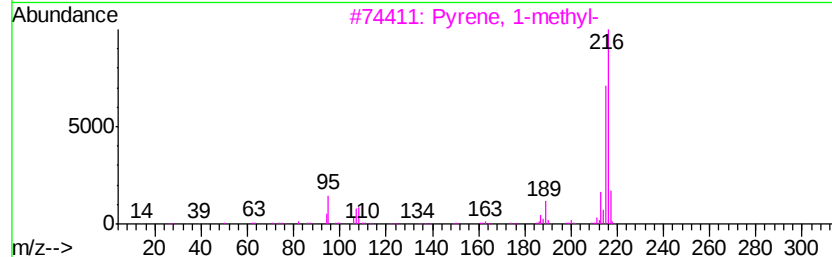
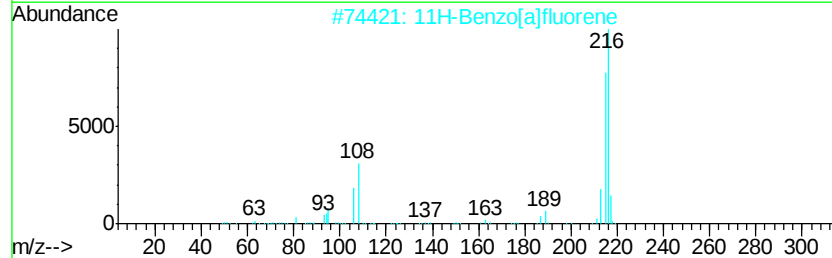
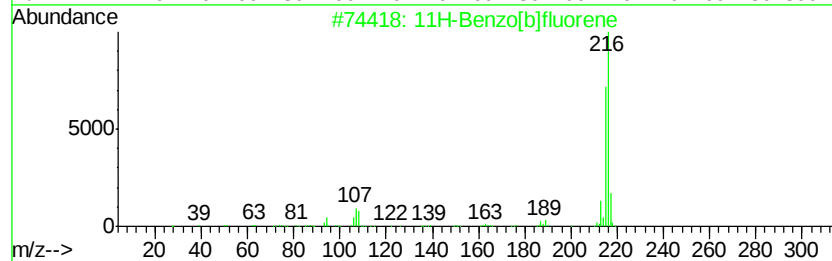
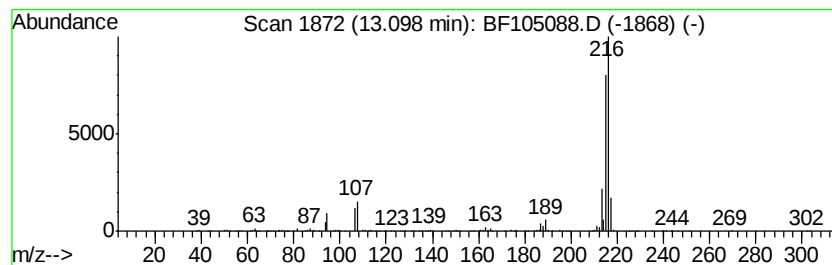
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

| R.T.  | EstConc | Area    | Relative to ISTD | R.T.  |
|-------|---------|---------|------------------|-------|
| 13.10 | 5.83 ng | 1204790 | Chrysene-d12     | 14.02 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 93   |
| 2    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 91   |
| 3    |    |   | Pvrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 87   |
| 4    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 87   |
| 5    |    |   | 7H-Benzo[c]fluorene     | 216 | C17H12  | 000205-12-9 | 81   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

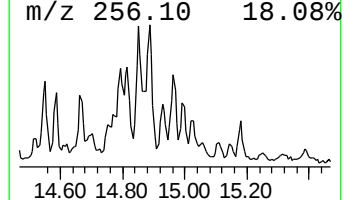
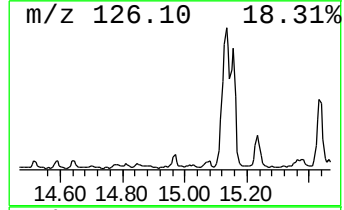
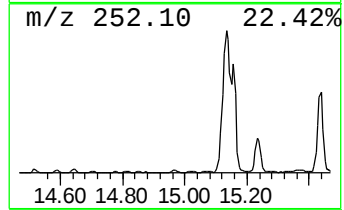
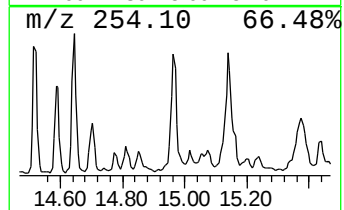
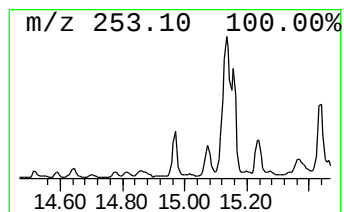
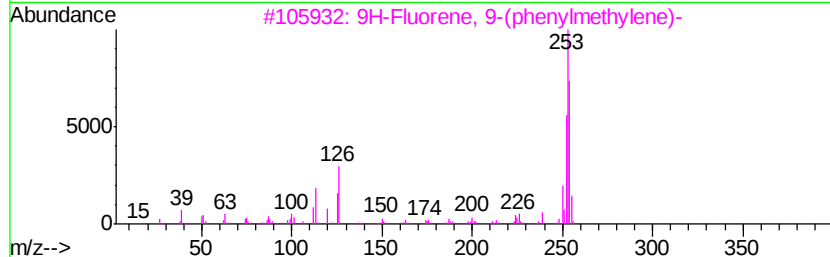
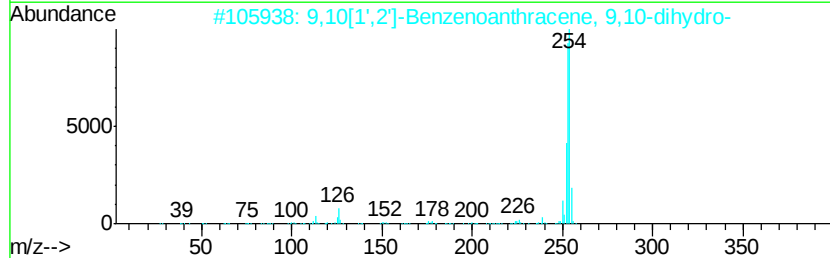
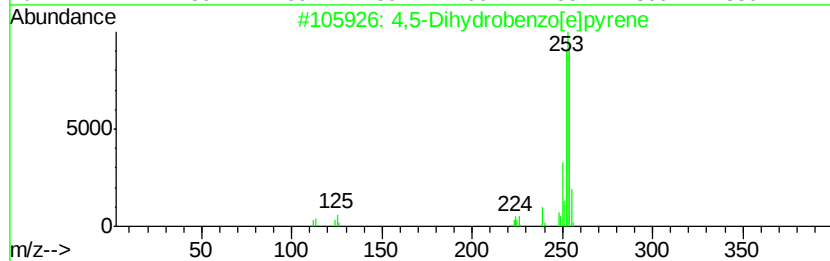
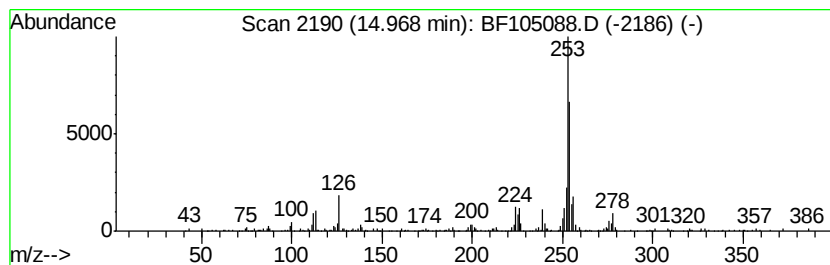
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 4,5-Dihydrobenzo[e]pyrene Concentration Rank 12

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 14.97 | 10.77 ng | 210337 | Perylene-d12     | 15.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4,5-Dihydrobenzo[e]pyrene           | 254 | C20H14    | 095676-42-9  | 76   |
| 2    |    | 9,10[1',2']-Benzenoanthracene, 9... | 254 | C20H14    | 000477-75-8  | 76   |
| 3    |    | 9H-Fluorene, 9-(phenylmethyl)-      | 254 | C20H14    | 001836-87-9  | 68   |
| 4    |    | 1,1'-Binaphthalene                  | 254 | C20H14    | 000604-53-5  | 64   |
| 5    |    | 3H-Pyrrolo[3,2-f]quinoline, 5-me... | 254 | C16H18N2O | 1000350-44-1 | 62   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

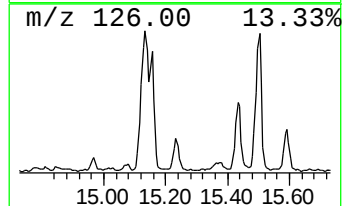
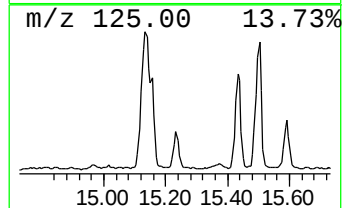
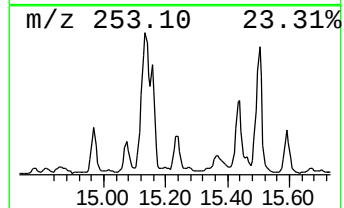
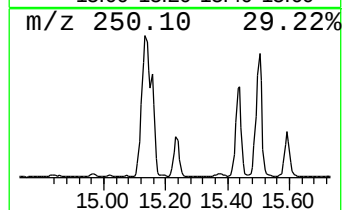
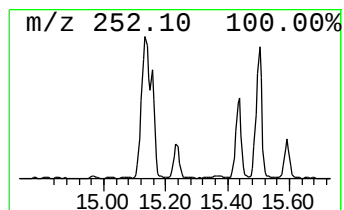
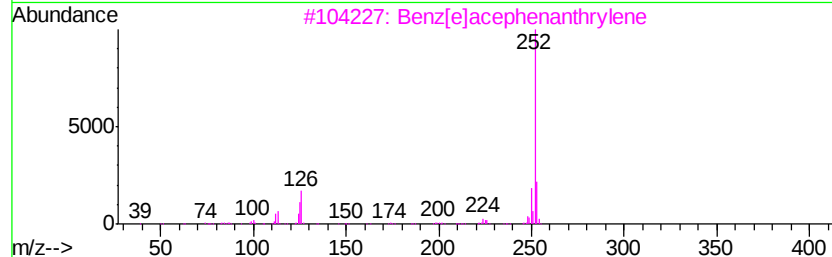
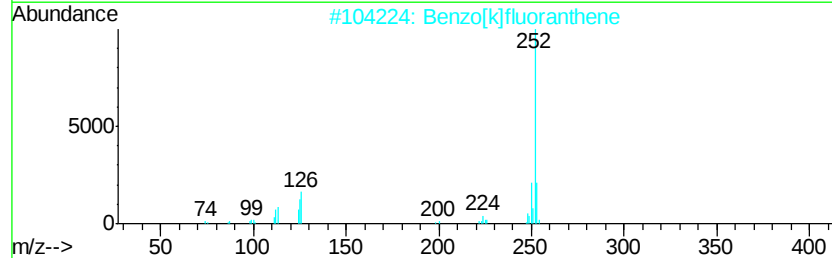
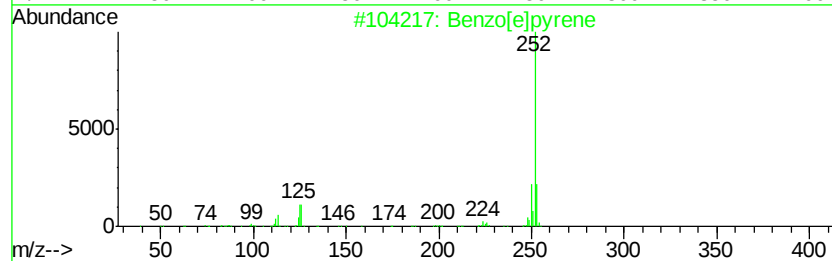
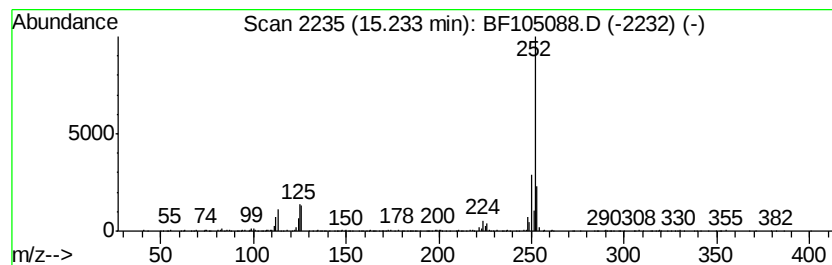
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Benzo[e]pyrene Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.23 | 20.04 ng | 391168 | Perylene-d12     | 15.56 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 98   |
| 2    |    | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 98   |
| 3    |    | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 96   |
| 4    |    | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 93   |
| 5    |    | Perylene                  | 252 | C20H12  | 000198-55-0 | 81   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

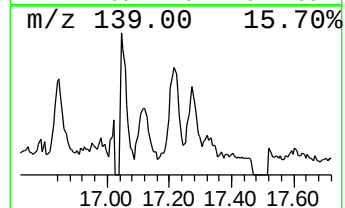
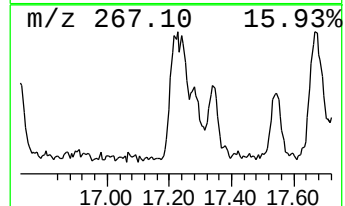
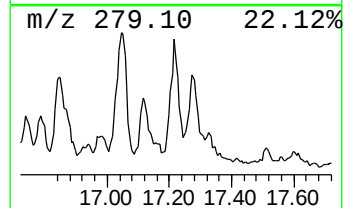
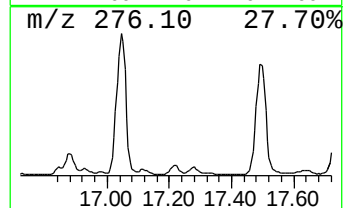
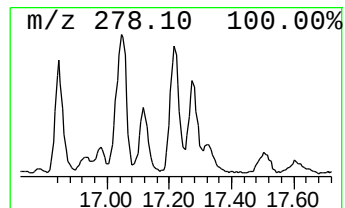
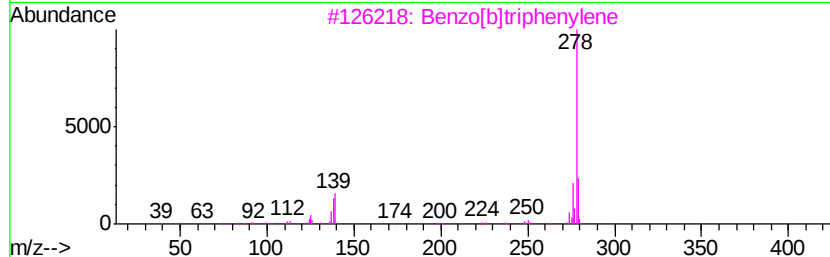
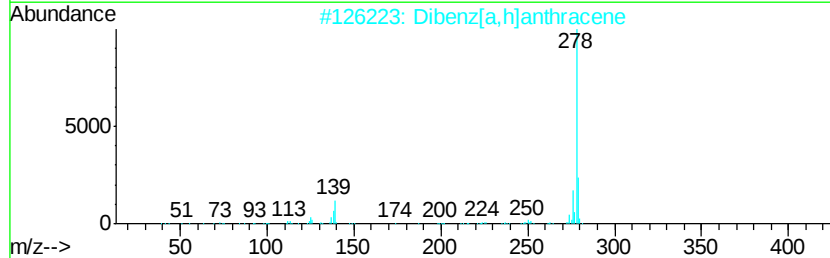
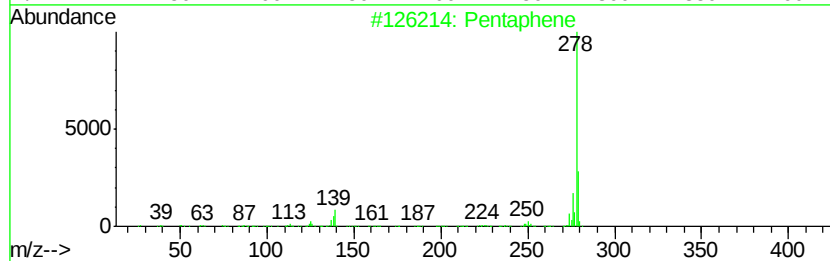
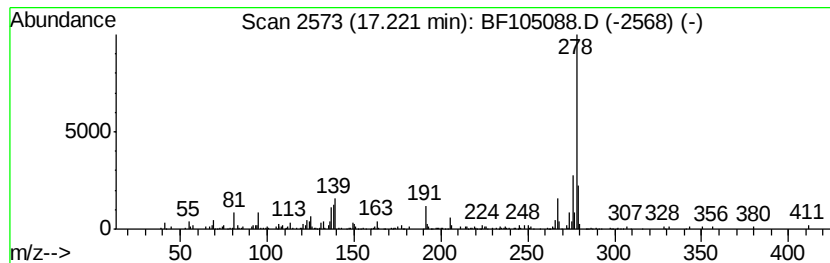
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Pentaphene Concentration Rank 11

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 17.22 | 11.33 ng | 221209 | Perylene-d12     | 15.56 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Pentaphene            | 278 | C22H14  | 000222-93-5 | 92   |
| 2    |    | Dibenz[a,h]anthracene | 278 | C22H14  | 000053-70-3 | 92   |
| 3    |    | Benzo[b]triphenylene  | 278 | C22H14  | 000215-58-7 | 91   |
| 4    |    | Picene                | 278 | C22H14  | 000213-46-7 | 83   |
| 5    |    | Benzo[a]naphthacene   | 278 | C22H14  | 000226-88-0 | 70   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
Data File : BF105088.D  
Acq On : 3 May 2018 22:19  
Operator : JU/SJ  
Sample : J2669-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

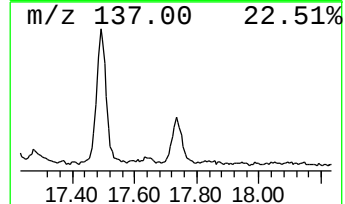
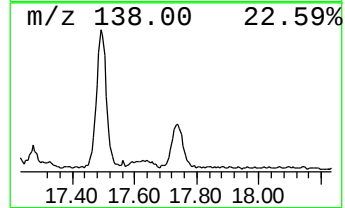
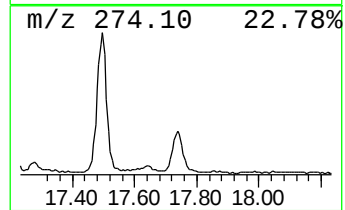
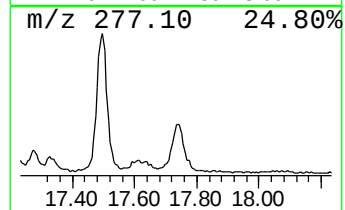
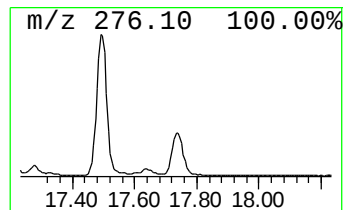
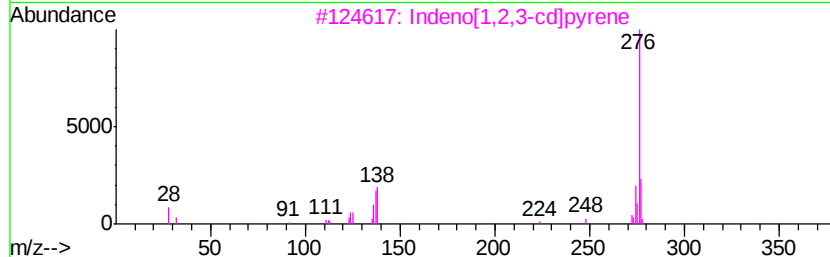
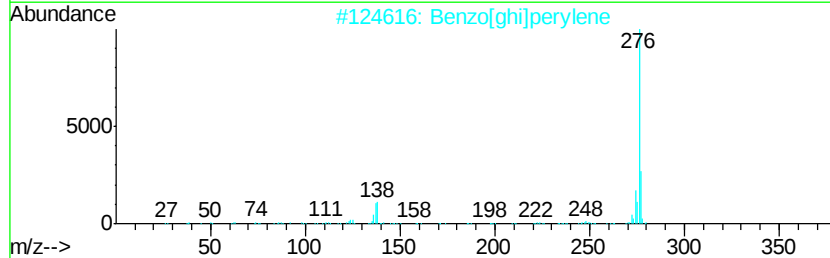
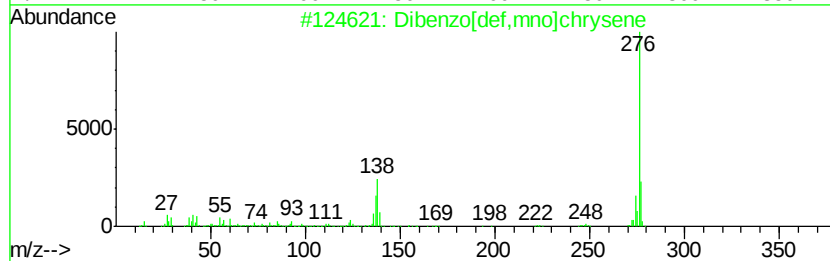
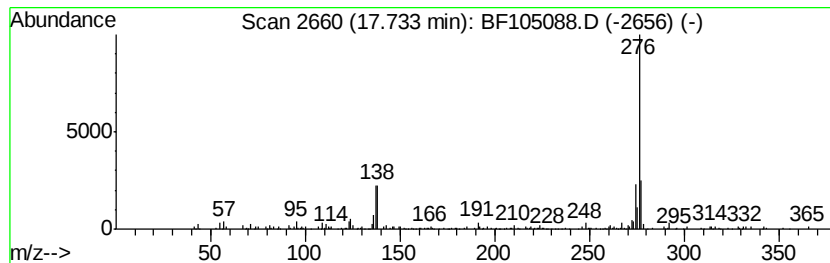
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 8

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 17.73 | 19.34 ng | 377564 | Perylene-d12     | 15.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Dibenzo[def,mno]chrysene            | 276 | C22H12     | 000191-26-4 | 95   |
| 2    |    | Benzo[ghi]perylene                  | 276 | C22H12     | 000191-24-2 | 93   |
| 3    |    | Indeno[1,2,3-cd]pyrene              | 276 | C22H12     | 000193-39-5 | 93   |
| 4    |    | Indeno[1,2,3-cd]fluoranthene        | 276 | C22H12     | 000193-43-1 | 76   |
| 5    |    | Naphthalen-1-yl-(3-nitro-benzyl)... | 276 | C17H12N2O2 | 200421-53-0 | 47   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050318\  
 Data File : BF105088.D  
 Acq On : 3 May 2018 22:19  
 Operator : JU/SJ  
 Sample : J2669-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-050118-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name      | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|-----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                       |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown6.55           | 6.55  | 39.7    | ng    | 1274270  | 1                     | 6.78  | 642579  | 20.0 |
| Naphthalene, 1-et...  | 9.33  | 6.6     | ng    | 267234   | 3                     | 9.82  | 811493  | 20.0 |
| Naphthalene, 1,5-...  | 9.40  | 28.8    | ng    | 1166410  | 3                     | 9.82  | 811493  | 20.0 |
| Naphthalene, 1,6-...  | 9.48  | 30.8    | ng    | 1251060  | 3                     | 9.82  | 811493  | 20.0 |
| Naphthalene, 1,7-...  | 9.59  | 17.7    | ng    | 717014   | 3                     | 9.82  | 811493  | 20.0 |
| Naphthalene, 2,3,...  | 10.13 | 7.9     | ng    | 321846   | 3                     | 9.82  | 811493  | 20.0 |
| Naphthalene, 1,4,...  | 10.16 | 6.0     | ng    | 244229   | 3                     | 9.82  | 811493  | 20.0 |
| 1-Isopropenyl naph... | 10.43 | 5.6     | ng    | 228814   | 3                     | 9.82  | 811493  | 20.0 |
| Diphenylmethane       | 10.46 | 5.5     | ng    | 221683   | 3                     | 9.82  | 811493  | 20.0 |
| [1,1'-Biphenyl]-4...  | 10.53 | 15.1    | ng    | 613796   | 3                     | 9.82  | 811493  | 20.0 |
| 4H-Cyclopenta[def...  | 11.93 | 5.6     | ng    | 2686530  | 4                     | 11.32 | 9604870 | 20.0 |
| 11H-Benzo[b]fluorene  | 13.10 | 5.8     | ng    | 1204790  | 5                     | 14.02 | 4133110 | 20.0 |
| 4,5-Dihydrobenzo[...  | 14.97 | 10.8    | ng    | 210337   | 6                     | 15.56 | 390428  | 20.0 |
| Benzo[e]pyrene        | 15.23 | 20.0    | ng    | 391168   | 6                     | 15.56 | 390428  | 20.0 |
| Pentaphene            | 17.22 | 11.3    | ng    | 221209   | 6                     | 15.56 | 390428  | 20.0 |
| Dibenzo[def,mno]c...  | 17.73 | 19.3    | ng    | 377564   | 6                     | 15.56 | 390428  | 20.0 |