

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062518\  
 Data File : BF106794.D  
 Acq On : 26 Jun 2018 1:25  
 Operator : JU/SJ  
 Sample : J3642-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEST-PIT-2

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061918.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         | 5.207       | 484           | 488         | 498          | rBV      | 75633          | 96730         | 8.80%           | 0.632%        |
| 2         | 5.560       | 546           | 548         | 552          | rBV      | 13883          | 14370         | 1.31%           | 0.094%        |
| 3         | 5.607       | 552           | 556         | 559          | rBV      | 1101127        | 1039578       | 94.53%          | 6.790%        |
| 4         | 5.813       | 588           | 591         | 595          | rBB2     | 11680          | 12256         | 1.11%           | 0.080%        |
| 5         | 6.607       | 721           | 726         | 736          | rVB      | 1043954        | 1086392       | 98.78%          | 7.095%        |
| 6         | 6.743       | 744           | 749         | 752          | rBV      | 1112969        | 1065748       | 96.90%          | 6.960%        |
| 7         | 6.784       | 753           | 756         | 762          | rVB3     | 21993          | 19343         | 1.76%           | 0.126%        |
| 8         | 6.960       | 783           | 786         | 790          | rBV      | 376303         | 298827        | 27.17%          | 1.952%        |
| 9         | 7.119       | 809           | 813         | 816          | rBV      | 987249         | 847336        | 77.05%          | 5.534%        |
| 10        | 7.525       | 877           | 882         | 885          | rBV      | 654020         | 664386        | 60.41%          | 4.339%        |
| 11        | 7.613       | 891           | 897         | 900          | rBV      | 12222          | 13267         | 1.21%           | 0.087%        |
| 12        | 8.242       | 1000          | 1004        | 1007         | rBV      | 397322         | 362896        | 33.00%          | 2.370%        |
| 13        | 8.266       | 1007          | 1008        | 1010         | rVB      | 89749          | 44244         | 4.02%           | 0.289%        |
| 14        | 8.813       | 1097          | 1101        | 1104         | rBV2     | 12392          | 12066         | 1.10%           | 0.079%        |
| 15        | 8.954       | 1122          | 1125        | 1133         | rVB      | 49677          | 46572         | 4.23%           | 0.304%        |
| 16        | 9.054       | 1139          | 1142        | 1146         | rBV      | 31721          | 28186         | 2.56%           | 0.184%        |
| 17        | 9.319       | 1180          | 1187        | 1190         | rBV      | 1240855        | 1099789       | 100.00%         | 7.183%        |
| 18        | 9.384       | 1195          | 1198        | 1201         | rVV      | 17505          | 18904         | 1.72%           | 0.123%        |
| 19        | 9.419       | 1201          | 1204        | 1208         | rVB      | 23973          | 18728         | 1.70%           | 0.122%        |
| 20        | 9.584       | 1227          | 1232        | 1236         | rBV      | 17481          | 22245         | 2.02%           | 0.145%        |
| 21        | 9.660       | 1241          | 1245        | 1247         | rVV      | 24626          | 25444         | 2.31%           | 0.166%        |
| 22        | 9.684       | 1247          | 1249        | 1250         | rVV      | 19984          | 15118         | 1.37%           | 0.099%        |
| 23        | 9.707       | 1250          | 1253        | 1259         | rVV      | 208600         | 189215        | 17.20%          | 1.236%        |
| 24        | 9.778       | 1259          | 1265        | 1273         | rVB4     | 12825          | 23513         | 2.14%           | 0.154%        |
| 25        | 9.866       | 1276          | 1280        | 1285         | rBV      | 75832          | 71009         | 6.46%           | 0.464%        |
| 26        | 9.913       | 1285          | 1288        | 1290         | rVB      | 34700          | 29077         | 2.64%           | 0.190%        |
| 27        | 10.001      | 1300          | 1303        | 1307         | rBV2     | 389140         | 340996        | 31.01%          | 2.227%        |
| 28        | 10.036      | 1307          | 1309        | 1312         | rVB      | 36378          | 26694         | 2.43%           | 0.174%        |
| 29        | 10.207      | 1334          | 1338        | 1341         | rBV2     | 36377          | 38112         | 3.47%           | 0.249%        |
| 30        | 10.242      | 1341          | 1344        | 1347         | rVB4     | 13996          | 16914         | 1.54%           | 0.110%        |
| 31        | 10.313      | 1353          | 1356        | 1358         | rBV3     | 16654          | 17883         | 1.63%           | 0.117%        |
| 32        | 10.348      | 1359          | 1362        | 1366         | rVV2     | 11365          | 15107         | 1.37%           | 0.099%        |
| 33        | 10.407      | 1366          | 1372        | 1377         | rVV2     | 56255          | 70539         | 6.41%           | 0.461%        |
| 34        | 10.460      | 1377          | 1381        | 1386         | rVB      | 12427          | 16449         | 1.50%           | 0.107%        |

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 Sample : J3642-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEST-PIT-2

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061918.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 10.554 | 1393 | 1397 | 1403 | rVB2 | 37127  | 44353  | 4.03%  | 0.290% |
| 36 | 10.631 | 1403 | 1410 | 1413 | rBV3 | 27092  | 34489  | 3.14%  | 0.225% |
| 37 | 10.707 | 1420 | 1423 | 1427 | rVB2 | 19610  | 21430  | 1.95%  | 0.140% |
| 38 | 10.795 | 1434 | 1438 | 1442 | rBV  | 680216 | 683721 | 62.17% | 4.465% |
| 39 | 10.883 | 1450 | 1453 | 1464 | rVB4 | 52965  | 95748  | 8.71%  | 0.625% |
| 40 | 11.101 | 1483 | 1490 | 1493 | rBV5 | 23663  | 36534  | 3.32%  | 0.239% |
| 41 | 11.225 | 1506 | 1511 | 1513 | rBV3 | 18123  | 27034  | 2.46%  | 0.177% |
| 42 | 11.254 | 1513 | 1516 | 1521 | rVV2 | 23484  | 37685  | 3.43%  | 0.246% |
| 43 | 11.301 | 1521 | 1524 | 1526 | rVV  | 28253  | 28277  | 2.57%  | 0.185% |
| 44 | 11.336 | 1527 | 1530 | 1533 | rVV2 | 48408  | 51570  | 4.69%  | 0.337% |
| 45 | 11.360 | 1533 | 1534 | 1537 | rVV  | 23724  | 22257  | 2.02%  | 0.145% |
| 46 | 11.395 | 1537 | 1540 | 1543 | rVB  | 23440  | 23559  | 2.14%  | 0.154% |
| 47 | 11.495 | 1554 | 1557 | 1559 | rBV  | 393703 | 350584 | 31.88% | 2.290% |
| 48 | 11.519 | 1559 | 1561 | 1565 | rVV  | 370983 | 321682 | 29.25% | 2.101% |
| 49 | 11.572 | 1567 | 1570 | 1573 | rVV  | 118727 | 102915 | 9.36%  | 0.672% |
| 50 | 11.607 | 1574 | 1576 | 1580 | rVB2 | 16389  | 16625  | 1.51%  | 0.109% |
| 51 | 11.730 | 1592 | 1597 | 1600 | rBV2 | 24516  | 35913  | 3.27%  | 0.235% |
| 52 | 11.760 | 1600 | 1602 | 1605 | rVB2 | 31590  | 27862  | 2.53%  | 0.182% |
| 53 | 11.830 | 1611 | 1614 | 1617 | rBV2 | 18982  | 19936  | 1.81%  | 0.130% |
| 54 | 11.995 | 1639 | 1642 | 1645 | rBV  | 71863  | 68238  | 6.20%  | 0.446% |
| 55 | 12.025 | 1645 | 1647 | 1651 | rVB  | 104292 | 90128  | 8.20%  | 0.589% |
| 56 | 12.072 | 1652 | 1655 | 1658 | rVB  | 36582  | 34803  | 3.16%  | 0.227% |
| 57 | 12.113 | 1658 | 1662 | 1664 | rBV2 | 124170 | 135170 | 12.29% | 0.883% |
| 58 | 12.136 | 1664 | 1666 | 1669 | rVB  | 47436  | 41570  | 3.78%  | 0.271% |
| 59 | 12.172 | 1669 | 1672 | 1676 | rBV2 | 28364  | 32692  | 2.97%  | 0.214% |
| 60 | 12.230 | 1679 | 1682 | 1688 | rBV6 | 16377  | 25736  | 2.34%  | 0.168% |
| 61 | 12.289 | 1689 | 1692 | 1695 | rVB2 | 64382  | 57787  | 5.25%  | 0.377% |
| 62 | 12.325 | 1695 | 1698 | 1700 | rBV  | 36970  | 30340  | 2.76%  | 0.198% |
| 63 | 12.442 | 1716 | 1718 | 1721 | rVB2 | 24725  | 19120  | 1.74%  | 0.125% |
| 64 | 12.472 | 1721 | 1723 | 1726 | rBB  | 20297  | 14530  | 1.32%  | 0.095% |
| 65 | 12.495 | 1726 | 1727 | 1733 | rVB3 | 17180  | 18492  | 1.68%  | 0.121% |
| 66 | 12.548 | 1733 | 1736 | 1739 | rBV2 | 57443  | 77327  | 7.03%  | 0.505% |
| 67 | 12.642 | 1748 | 1752 | 1756 | rBV3 | 38733  | 55593  | 5.05%  | 0.363% |
| 68 | 12.719 | 1761 | 1765 | 1768 | rVV  | 736466 | 645369 | 58.68% | 4.215% |
| 69 | 12.748 | 1768 | 1770 | 1773 | rBV2 | 20648  | 20915  | 1.90%  | 0.137% |
| 70 | 12.777 | 1773 | 1775 | 1777 | rVB2 | 20805  | 16237  | 1.48%  | 0.106% |
| 71 | 12.813 | 1777 | 1781 | 1784 | rBV  | 39478  | 43795  | 3.98%  | 0.286% |

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 Misc :  
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Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEST-PIT-2

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061918.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 72 | 12.842 | 1784 | 1786 | 1788 | rBV2 | 14896   | 16545   | 1.50%  | 0.108% |
| 73 | 12.866 | 1788 | 1790 | 1792 | rBV  | 17969   | 16134   | 1.47%  | 0.105% |
| 74 | 12.925 | 1797 | 1800 | 1802 | rVV2 | 126223  | 144293  | 13.12% | 0.942% |
| 75 | 12.948 | 1802 | 1804 | 1809 | rVV  | 606874  | 520556  | 47.33% | 3.400% |
| 76 | 12.995 | 1809 | 1812 | 1815 | rVB2 | 41102   | 44568   | 4.05%  | 0.291% |
| 77 | 13.083 | 1821 | 1827 | 1830 | rBV  | 1116130 | 1052921 | 95.74% | 6.877% |
| 78 | 13.107 | 1830 | 1831 | 1834 | rVB  | 26349   | 16170   | 1.47%  | 0.106% |
| 79 | 13.166 | 1837 | 1841 | 1846 | rBV2 | 47369   | 79095   | 7.19%  | 0.517% |
| 80 | 13.272 | 1852 | 1859 | 1864 | rBV2 | 130270  | 196227  | 17.84% | 1.282% |
| 81 | 13.342 | 1868 | 1871 | 1873 | rVV  | 102704  | 89242   | 8.11%  | 0.583% |
| 82 | 13.377 | 1874 | 1877 | 1880 | rVB2 | 67590   | 69619   | 6.33%  | 0.455% |
| 83 | 13.472 | 1891 | 1893 | 1896 | rVB  | 45498   | 34033   | 3.09%  | 0.222% |
| 84 | 13.507 | 1896 | 1899 | 1901 | rBV  | 39081   | 36744   | 3.34%  | 0.240% |
| 85 | 13.783 | 1944 | 1946 | 1950 | rVB  | 51879   | 48965   | 4.45%  | 0.320% |
| 86 | 13.895 | 1963 | 1965 | 1968 | rBV2 | 35044   | 33925   | 3.08%  | 0.222% |
| 87 | 13.924 | 1968 | 1970 | 1972 | rVB  | 39563   | 28634   | 2.60%  | 0.187% |
| 88 | 13.954 | 1972 | 1975 | 1979 | rBV3 | 105087  | 119274  | 10.85% | 0.779% |
| 89 | 14.101 | 1998 | 2000 | 2002 | rBV  | 46316   | 32701   | 2.97%  | 0.214% |
| 90 | 14.148 | 2003 | 2008 | 2011 | rVV2 | 394283  | 536803  | 48.81% | 3.506% |
| 91 | 14.177 | 2011 | 2013 | 2020 | rVB  | 245224  | 206115  | 18.74% | 1.346% |
| 92 | 15.230 | 2189 | 2192 | 2196 | rBV  | 138829  | 203571  | 18.51% | 1.330% |
| 93 | 15.560 | 2244 | 2248 | 2254 | rVB  | 120144  | 171688  | 15.61% | 1.121% |
| 94 | 15.624 | 2255 | 2259 | 2263 | rBV  | 109303  | 140470  | 12.77% | 0.917% |
| 95 | 15.689 | 2267 | 2270 | 2274 | rVB2 | 149101  | 185887  | 16.90% | 1.214% |
| 96 | 15.948 | 2310 | 2314 | 2321 | rVB  | 109264  | 169346  | 15.40% | 1.106% |

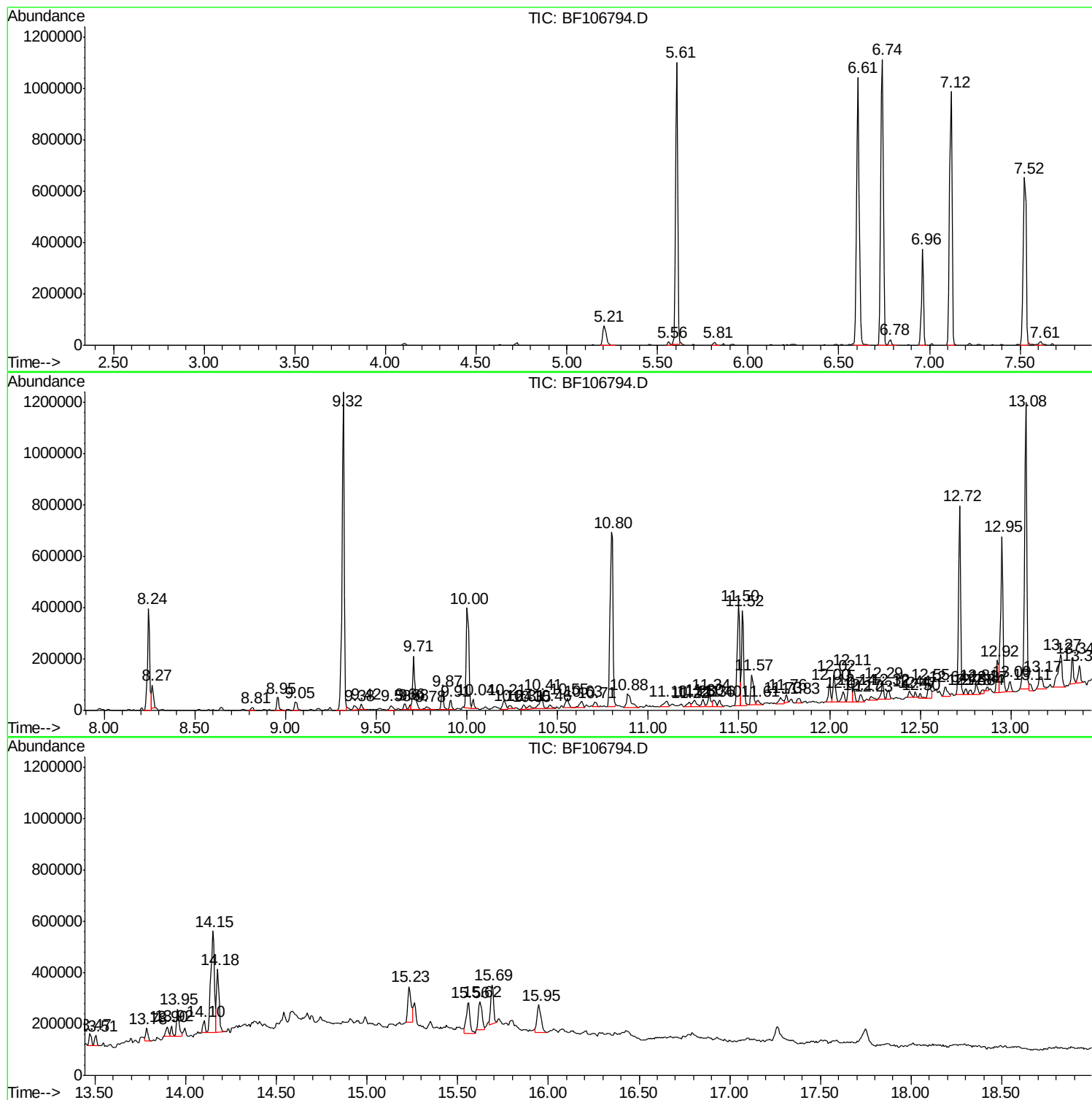
Sum of corrected areas: 15311475

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Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
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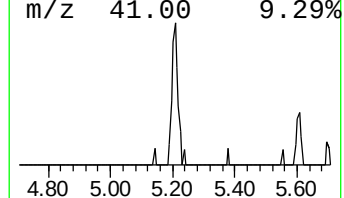
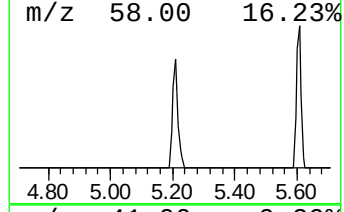
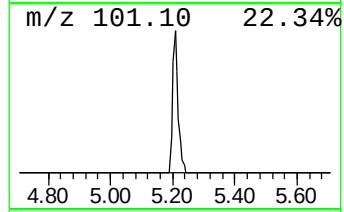
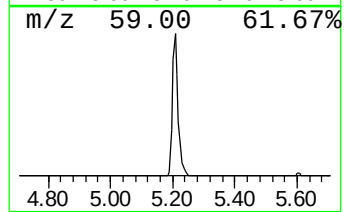
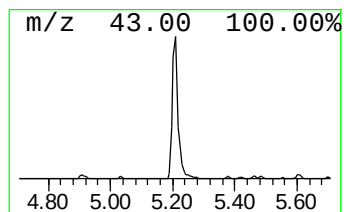
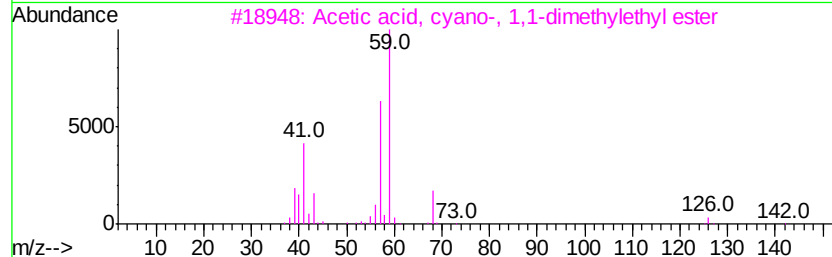
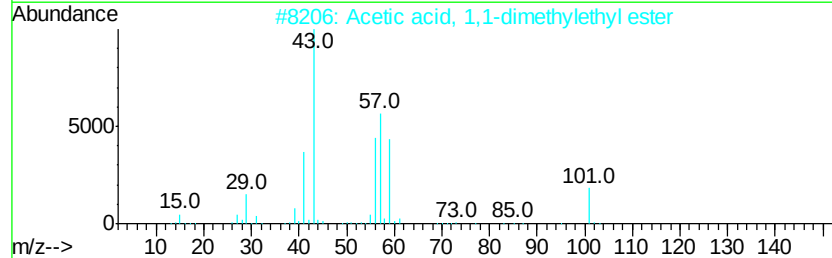
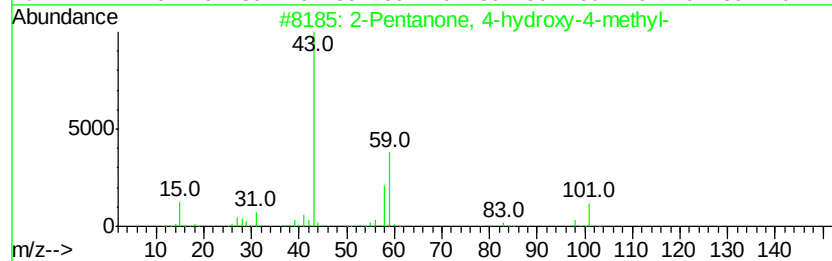
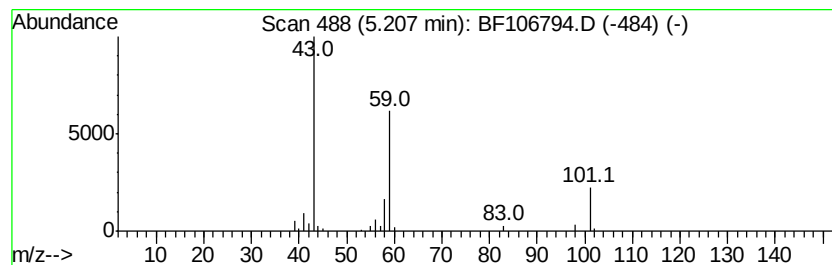
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.21 | 6.47 ng | 96730 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 4    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |
| 5    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |



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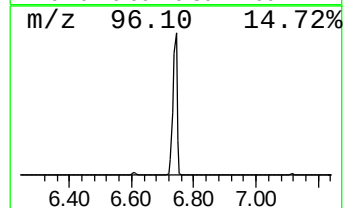
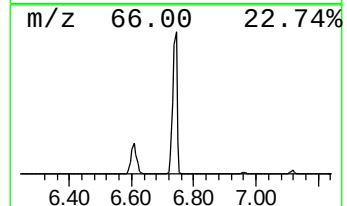
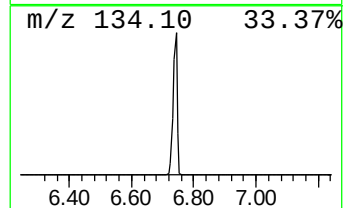
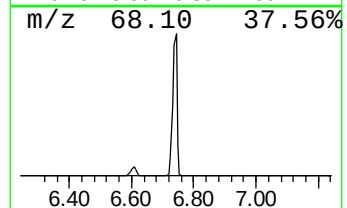
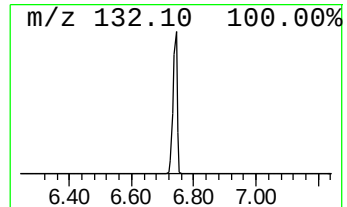
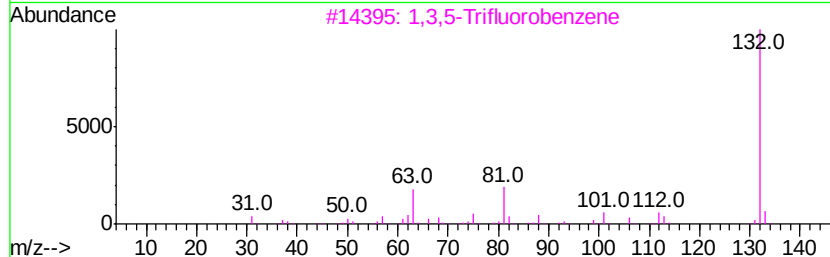
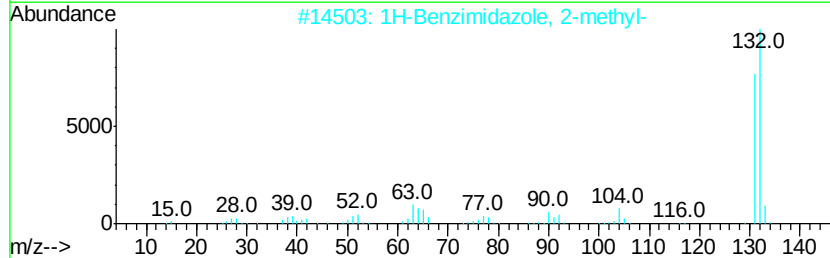
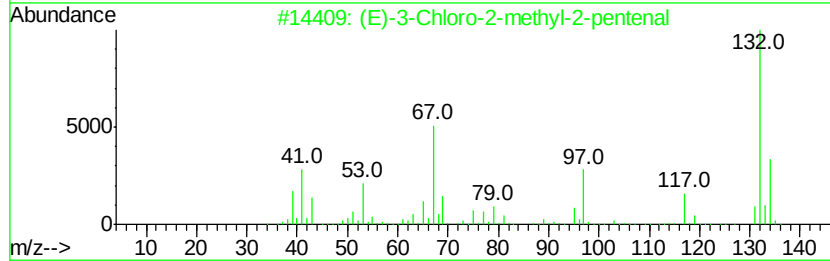
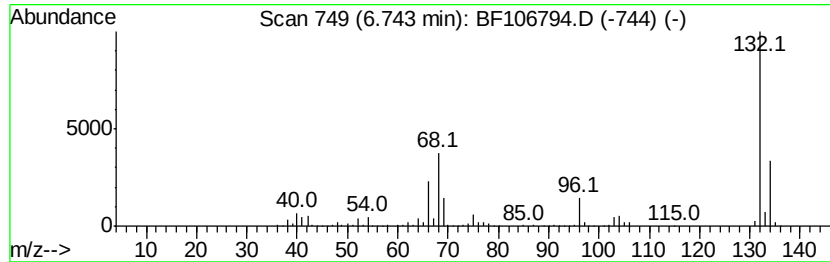
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown6.74 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.74 | 71.33 ng | 1065750 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3 | 17   |
| 2    |    | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2    | 000615-15-6 | 10   |
| 3    |    | 1,3,5-Trifluorobenzene              | 132 | C6H3F3    | 000372-38-3 | 9    |
| 4    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6 | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0 | 9    |



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Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

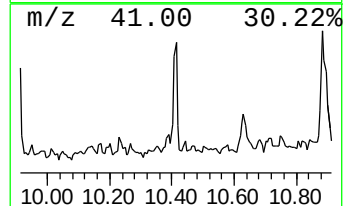
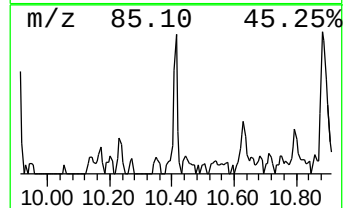
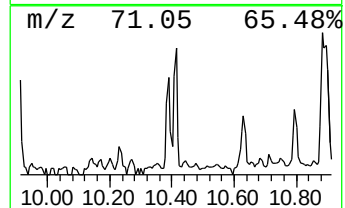
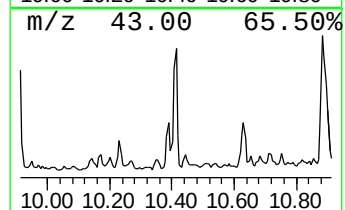
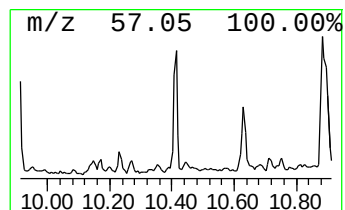
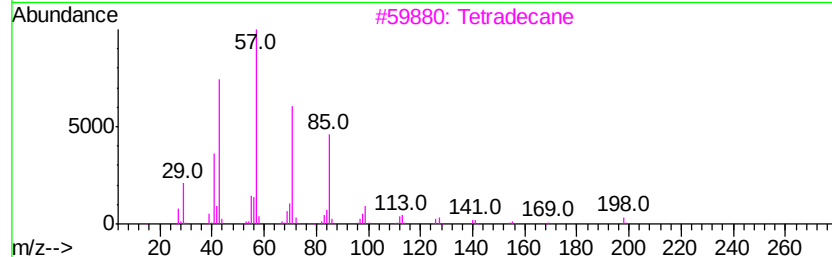
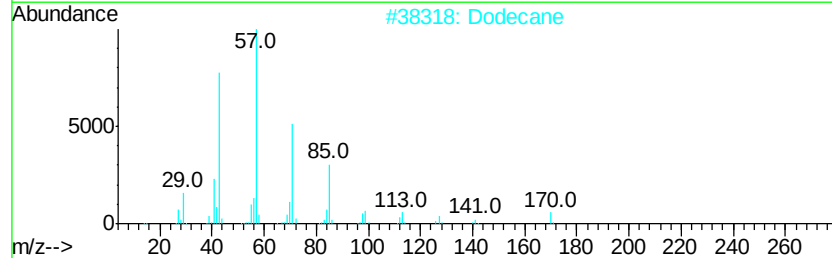
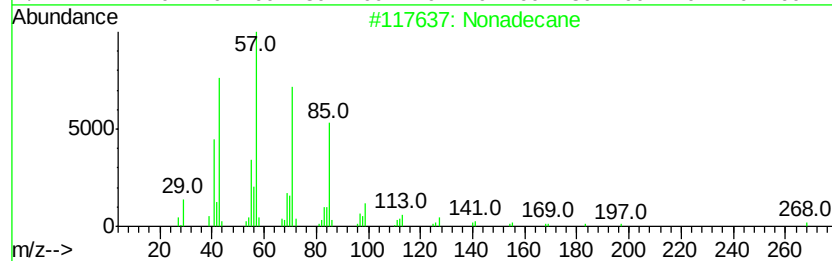
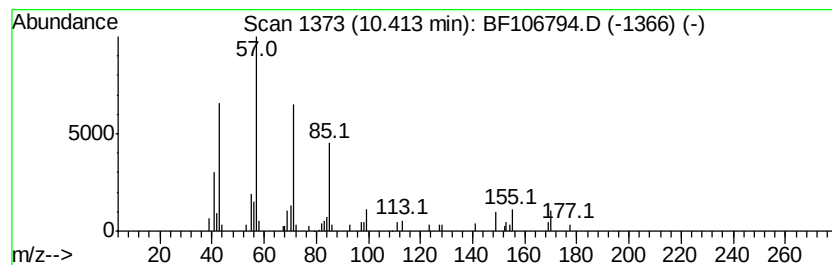
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Nonadecane Concentration Rank 12

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 10.41 | 4.14 ng | 70539 | Acenaphthene-d10 | 10.00 |

| Hit# of 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------|-----|---------|-------------|------|
| 1         | Nonadecane        | 268 | C19H40  | 000629-92-5 | 55   |
| 2         | Dodecane          | 170 | C12H26  | 000112-40-3 | 52   |
| 3         | Tetradecane       | 198 | C14H30  | 000629-59-4 | 46   |
| 4         | Pentadecane       | 212 | C15H32  | 000629-62-9 | 46   |
| 5         | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 46   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

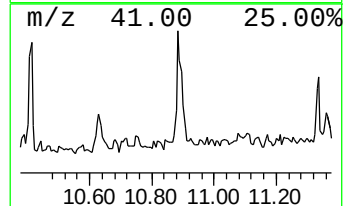
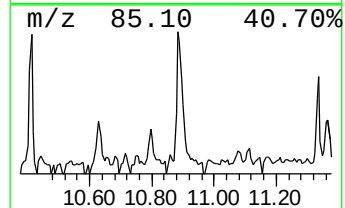
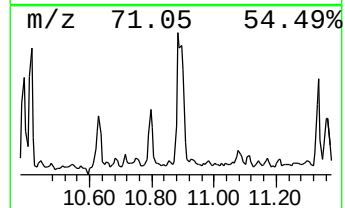
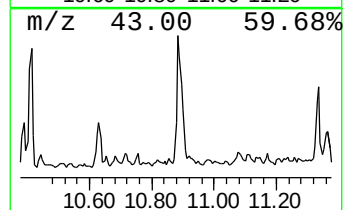
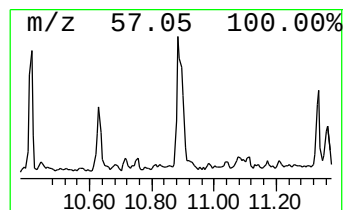
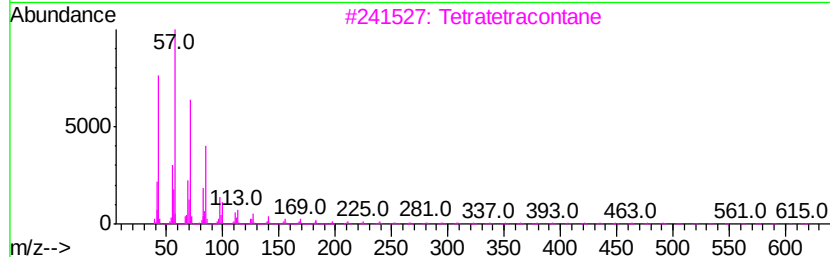
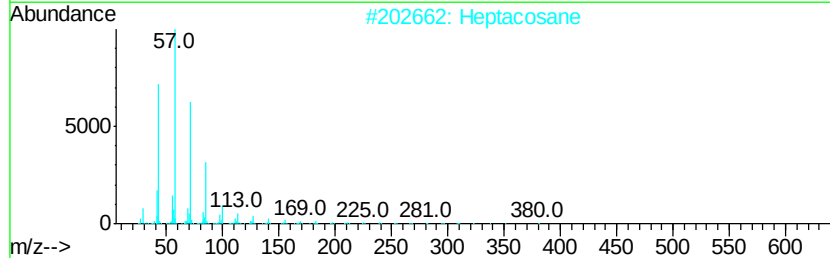
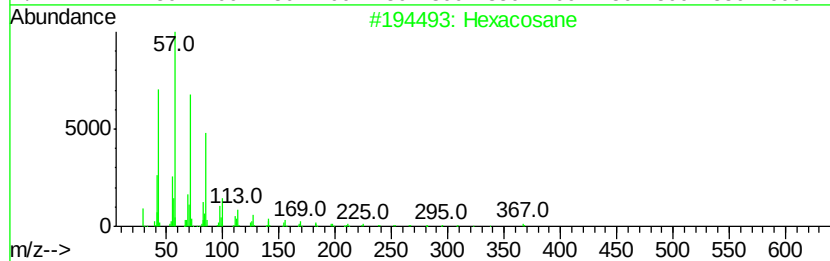
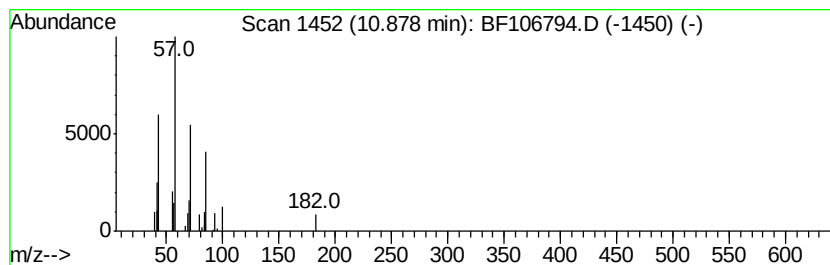
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Hexacosane Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 10.88 | 5.46 ng | 95748 | Phenanthrene-d10 | 11.50 |

| Hit# of | 5                 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------|--------------|-----|---------|-------------|------|
| 1       | Hexacosane        |              | 366 | C26H54  | 000630-01-3 | 86   |
| 2       | Heptacosane       |              | 380 | C27H56  | 000593-49-7 | 86   |
| 3       | Tetratetracontane |              | 619 | C44H90  | 007098-22-8 | 86   |
| 4       | Octadecane        |              | 254 | C18H38  | 000593-45-3 | 86   |
| 5       | Hexadecane        |              | 226 | C16H34  | 000544-76-3 | 86   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

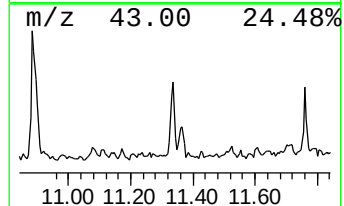
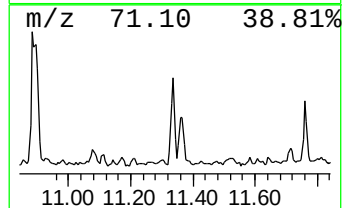
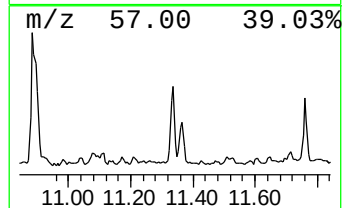
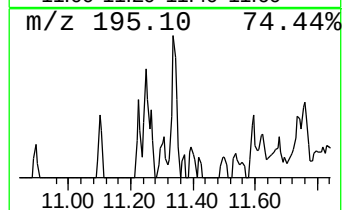
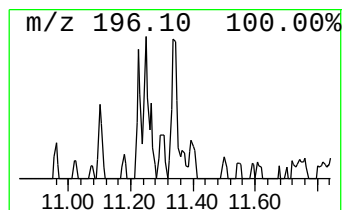
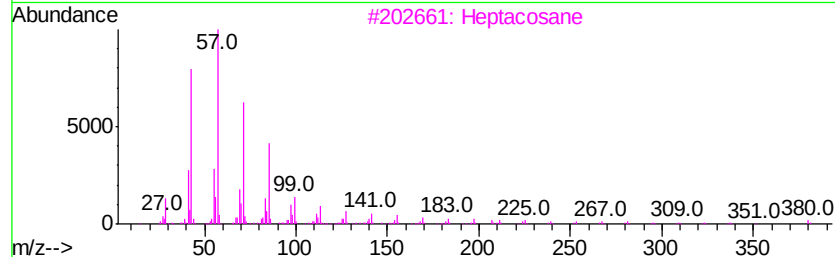
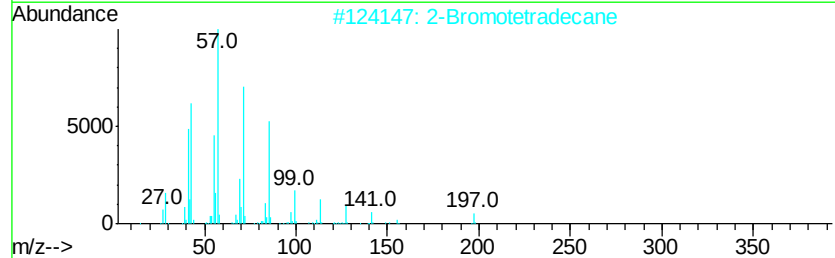
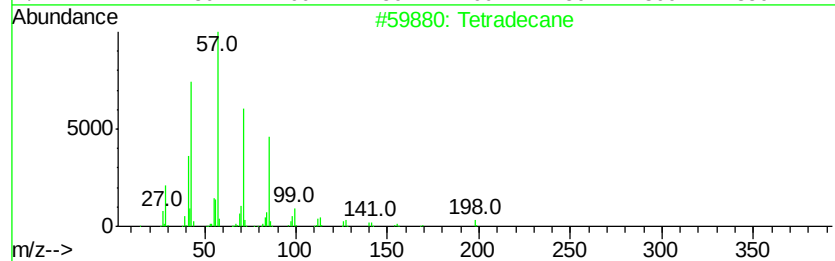
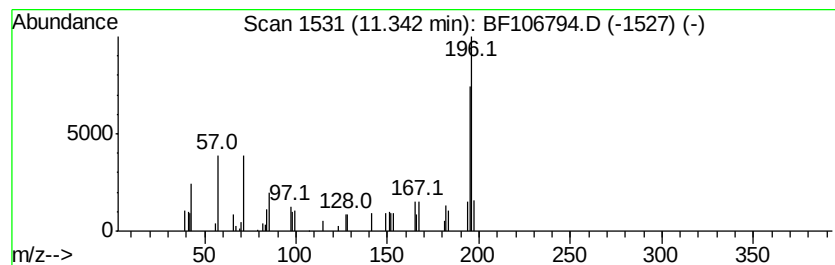
Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.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 Tetradecane Concentration Rank 18

| R.T.      | EstConc            | Area  | Relative to ISTD |             | R.T.  |
|-----------|--------------------|-------|------------------|-------------|-------|
| 11.34     | 2.94 ng            | 51570 | Phenanthrene-d10 |             | 11.50 |
| Hit# of 5 | Tentative ID       | MW    | MolForm          | CAS#        | Qual  |
| 1         | Tetradecane        | 198   | C14H30           | 000629-59-4 | 55    |
| 2         | 2-Bromotetradecane | 276   | C14H29Br         | 074036-95-6 | 49    |
| 3         | Heptacosane        | 380   | C27H56           | 000593-49-7 | 49    |
| 4         | Heneicosane        | 296   | C21H44           | 000629-94-7 | 49    |
| 5         | Hexacosane         | 366   | C26H54           | 000630-01-3 | 46    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

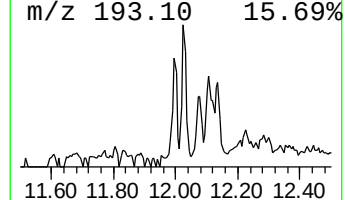
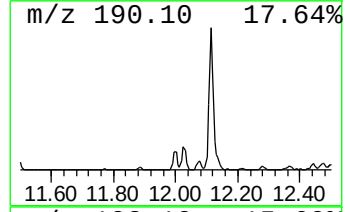
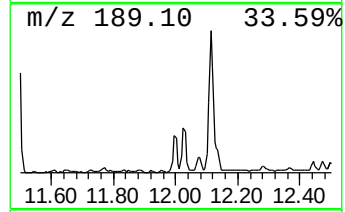
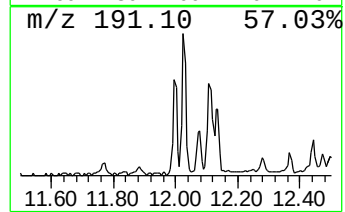
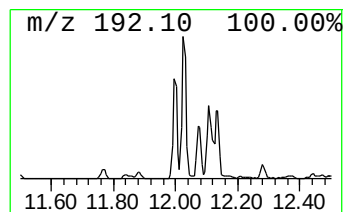
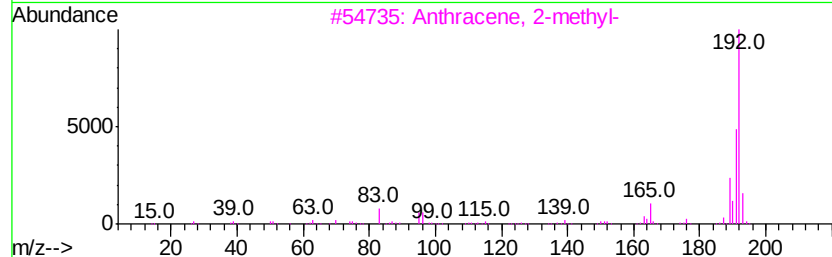
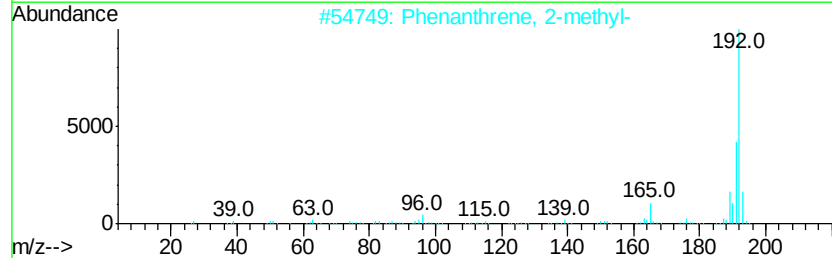
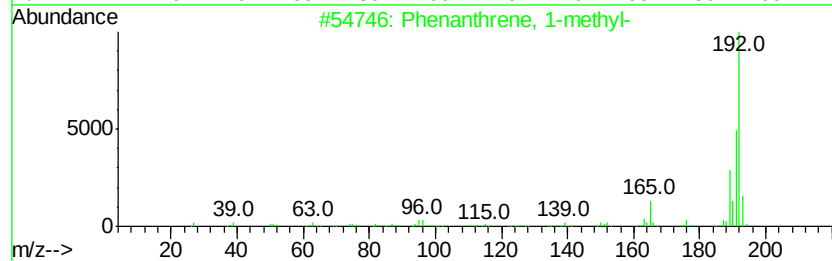
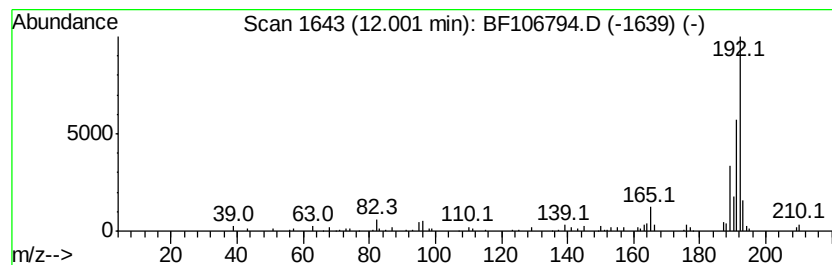
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 13

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 12.00 | 3.89 ng | 68238 | Phenanthrene-d10 | 11.50 |

| Hit# of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------|-----|---------|-------------|------|
| 1       |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 94   |
| 2       |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 93   |
| 3       |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 93   |
| 4       |   | Phenanthrene, 4-methyl- | 192 | C15H12  | 000832-64-4 | 90   |
| 5       |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

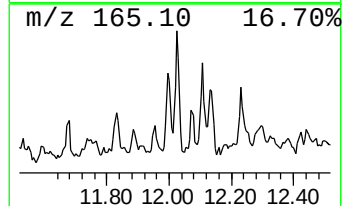
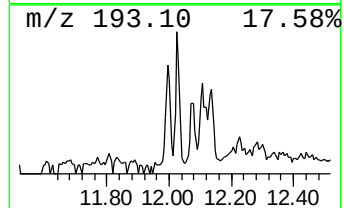
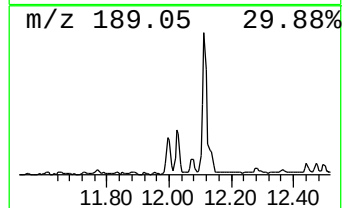
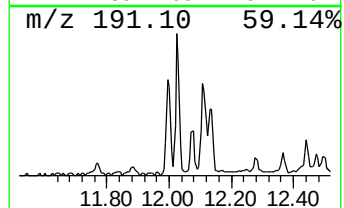
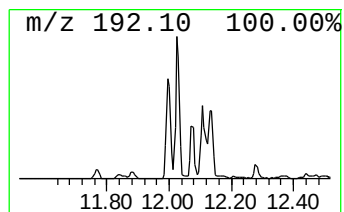
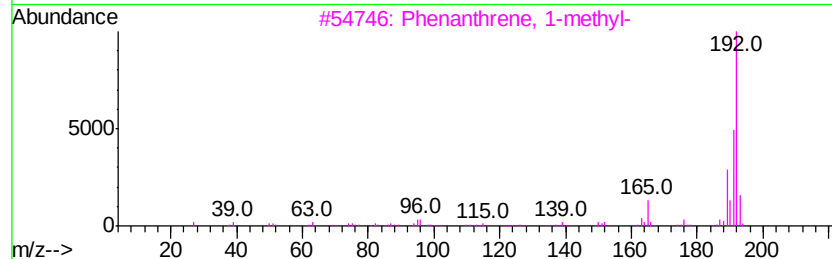
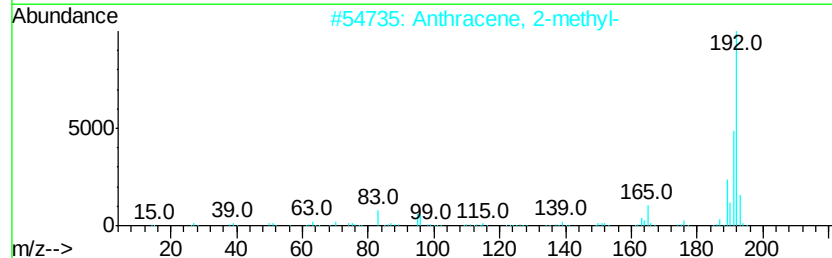
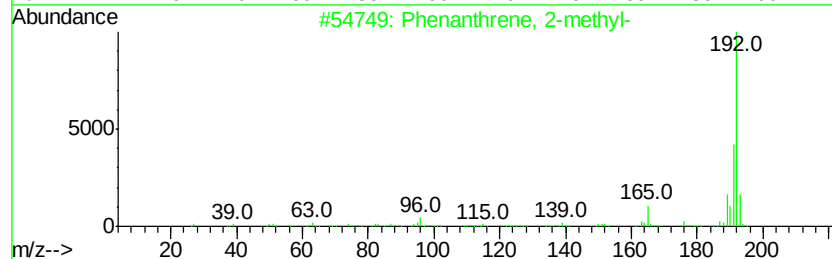
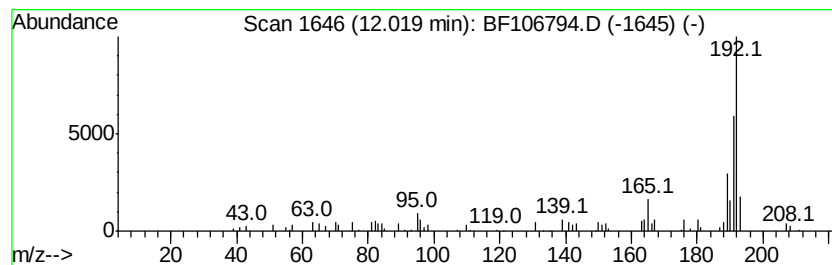
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 12.02 | 5.14 ng | 90128 | Phenanthrene-d10 | 11.50 |

| Hit# | of | Tentative ID                            | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Phenanthrene, 2-methyl-                 | 192 | C15H12  | 002531-84-2 | 97   |
| 2    |    | Anthracene, 2-methyl-                   | 192 | C15H12  | 000613-12-7 | 97   |
| 3    |    | Phenanthrene, 1-methyl-                 | 192 | C15H12  | 000832-69-9 | 96   |
| 4    |    | 1H-Cyclopropa[1,1]phenanthrene, 1a, ... | 192 | C15H12  | 000949-41-7 | 95   |
| 5    |    | 1H-Indene, 2-phenyl-                    | 192 | C15H12  | 004505-48-0 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

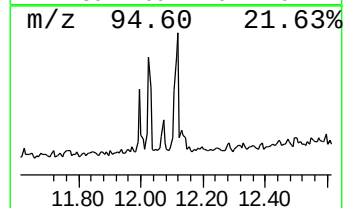
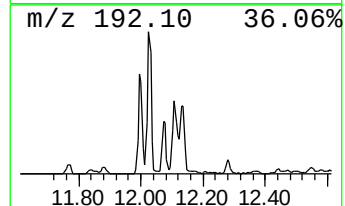
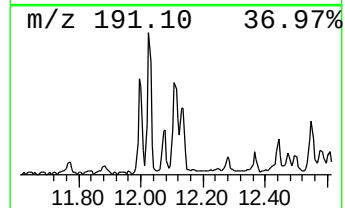
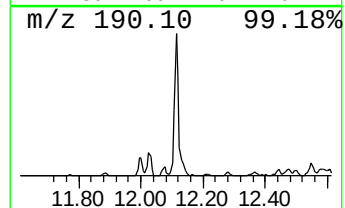
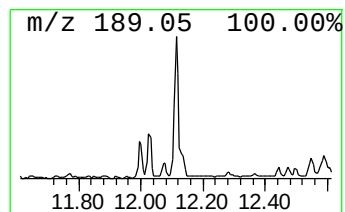
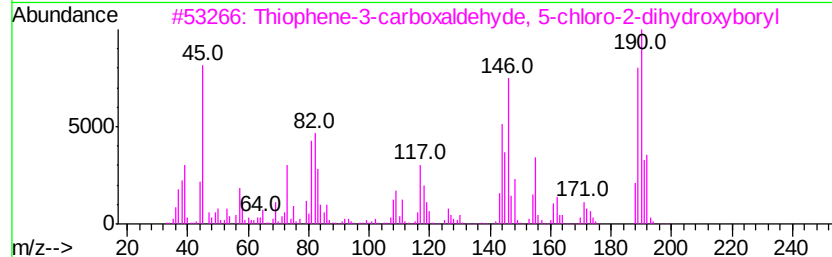
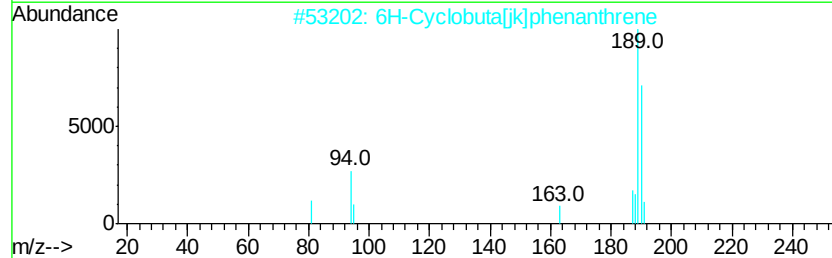
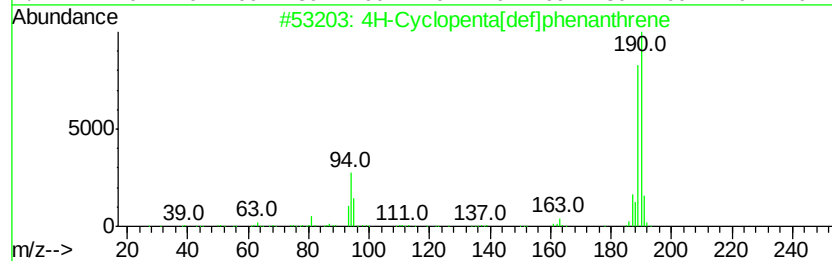
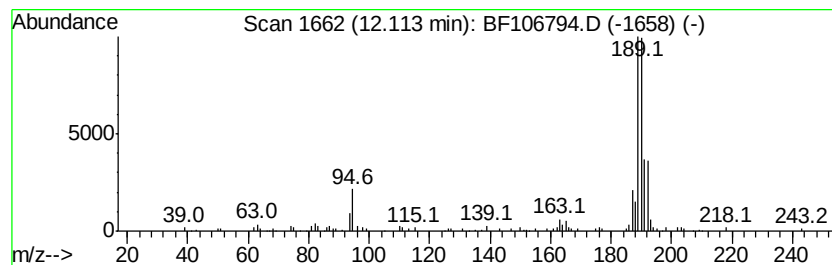
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.11 | 7.71 ng | 135170 | Phenanthrene-d10 | 11.50 |

| 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  | 72   |
| 3       |   | Thiophene-3-carboxaldehyd, 5-ch...  | 190 | C5H4BClO3S  | 036155-87-0  | 50   |
| 4       |   | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4    | 069286-06-2  | 45   |
| 5       |   | 1-Aminocyclopentanecarboxylic ac... | 431 | C23H42ClN04 | 1000329-17-4 | 17   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

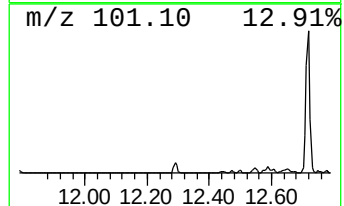
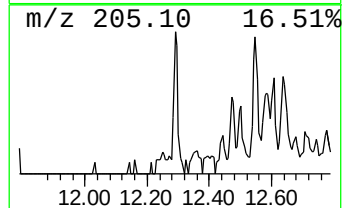
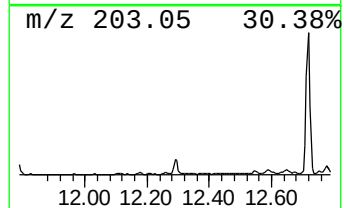
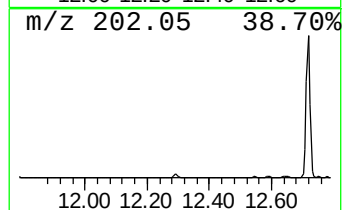
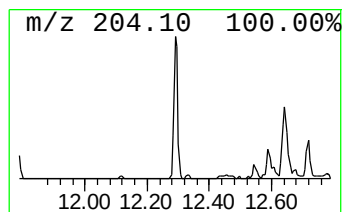
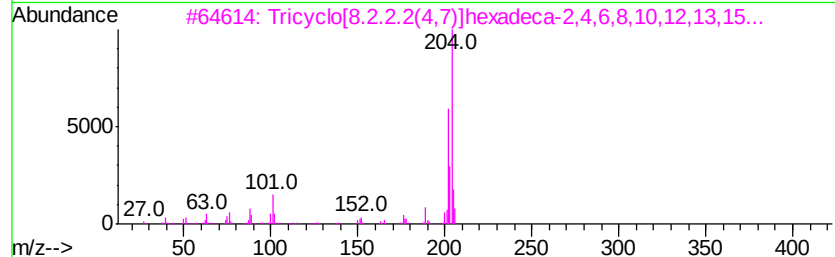
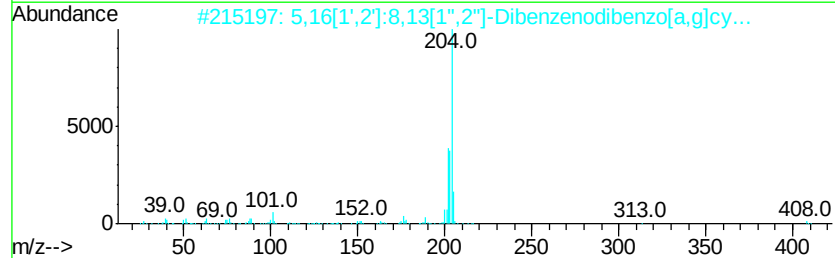
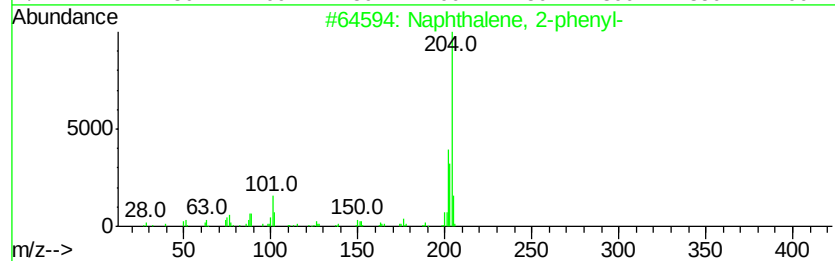
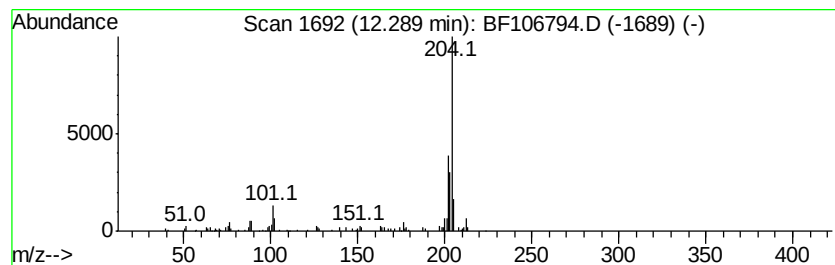
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 15

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 12.29 | 3.30 ng | 57787 | Phenanthrene-d10 | 11.50 |

| Hit# | of | Tentative ID                          | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2-phenyl-                | 204 | C16H12  | 000612-94-2 | 94   |
| 2    |    | 5,16[1',2'] : 8,13[1'',2'']-Dibenz... | 408 | C32H24  | 005672-97-9 | 86   |
| 3    |    | Tricyclo[8.2.2.2(4,7)]hexadeca-2...   | 204 | C16H12  | 006572-60-7 | 86   |
| 4    |    | 1,2,4,8-Tetramethylbicyclo[6.3.0]...  | 204 | C15H24  | 137235-51-9 | 83   |
| 5    |    | Naphthalene, 1-phenyl-                | 204 | C16H12  | 000605-02-7 | 60   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

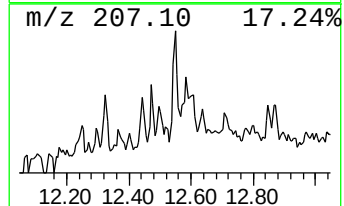
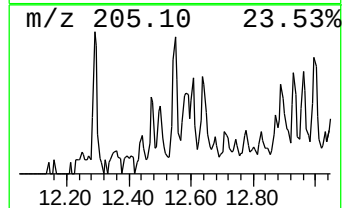
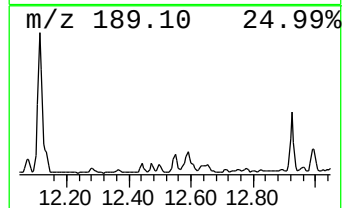
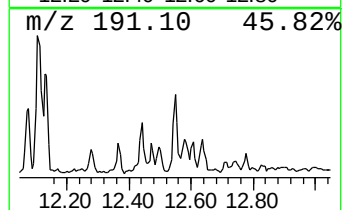
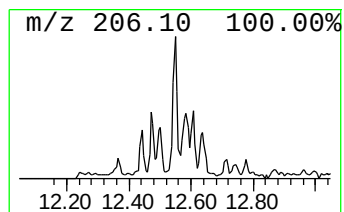
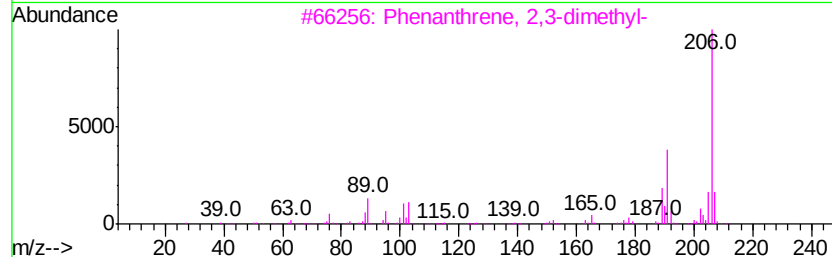
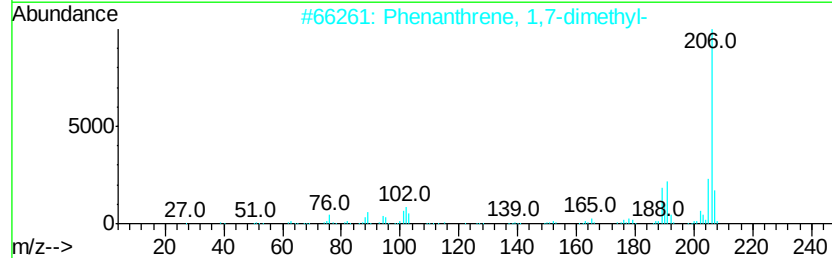
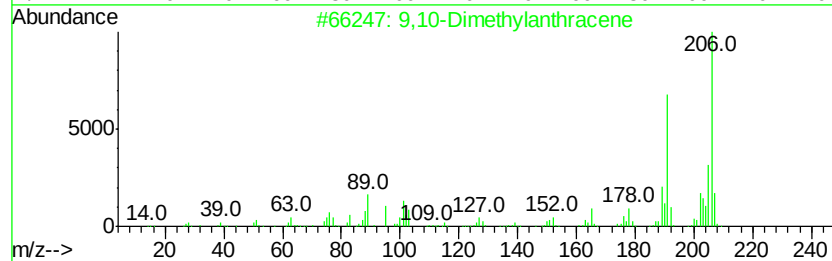
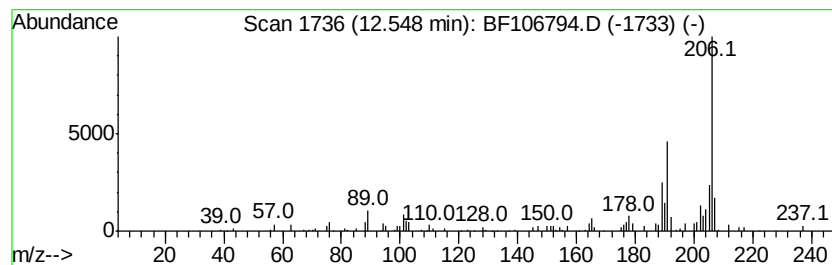
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 9,10-Dimethylantracene Concentration Rank 11

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 12.55 | 4.41 ng | 77327 | Phenanthrene-d10 | 11.50 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 9,10-Dimethylantracene             | 206 | C16H14  | 000781-43-1 | 93   |
| 2    |    |   | Phenanthrene, 1,7-dimethyl-        | 206 | C16H14  | 000483-87-4 | 90   |
| 3    |    |   | Phenanthrene, 2,3-dimethyl-        | 206 | C16H14  | 003674-65-5 | 90   |
| 4    |    |   | Phenanthrene, 2,7-dimethyl-        | 206 | C16H14  | 001576-69-8 | 89   |
| 5    |    |   | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14  | 007469-40-1 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

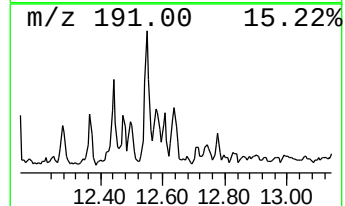
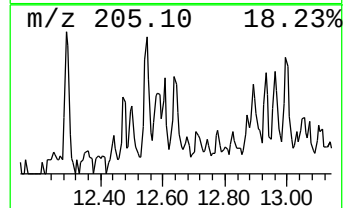
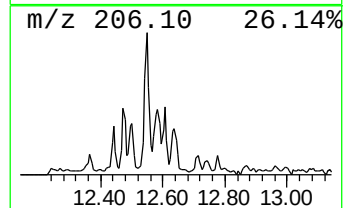
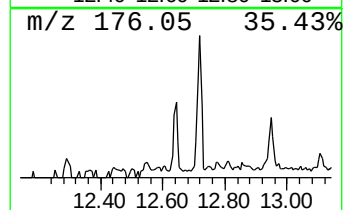
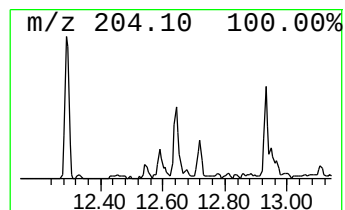
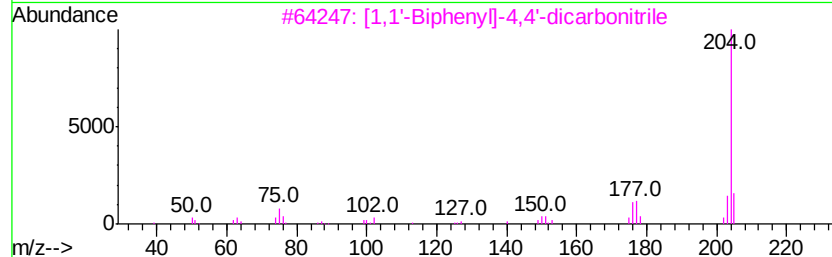
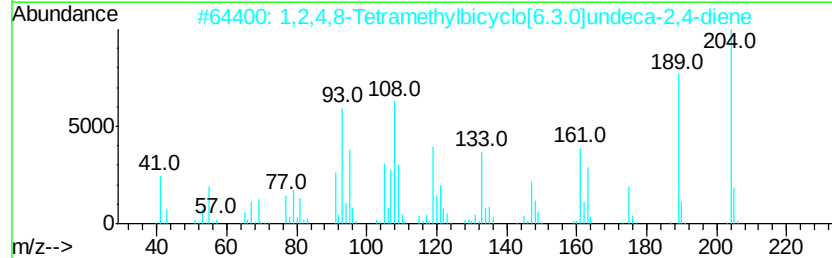
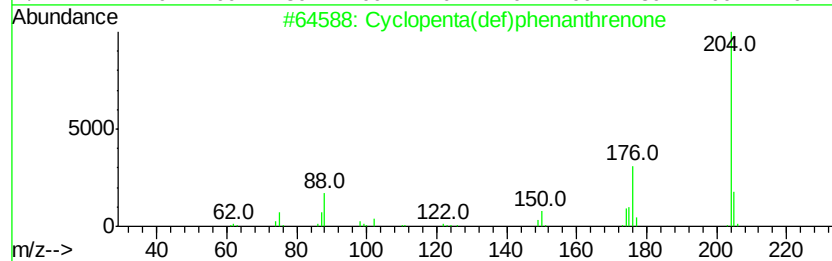
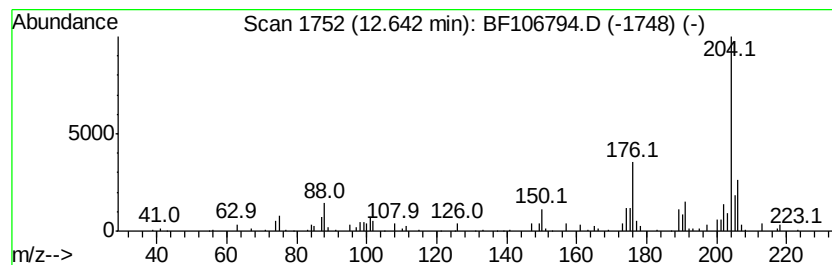
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 16

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 12.64 | 3.17 ng | 55593 | Phenanthrene-d10 | 11.50 |

| Hit# | of | Tentative ID                                      | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Cyclopenta(def)phenanthrenone                     | 204 | C15H8O   | 005737-13-3 | 92   |
| 2    |    | 1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene | 204 | C15H24   | 137235-51-9 | 55   |
| 3    |    | [1,1'-Biphenyl]-4,4'-dicarbonitrile               | 204 | C14H8N2  | 001591-30-6 | 50   |
| 4    |    | 2-Chloro-4-phenylphenol                           | 204 | C12H9ClO | 000092-04-6 | 47   |
| 5    |    | Tricyclo[8.2.2.2(4,7)]hexadeca-2...               | 204 | C16H12   | 006572-60-7 | 46   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
 Data File : BF106794.D  
 Acq On : 26 Jun 2018 1:25  
 Operator : JU/SJ  
 Sample : J3642-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

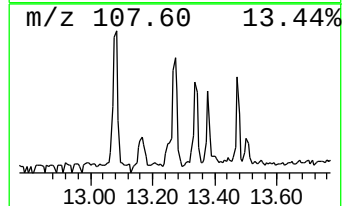
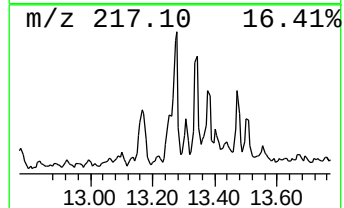
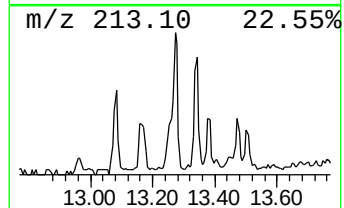
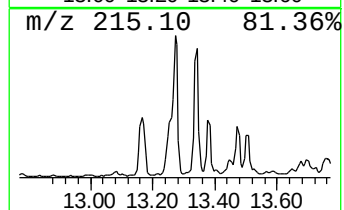
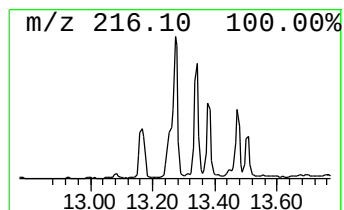
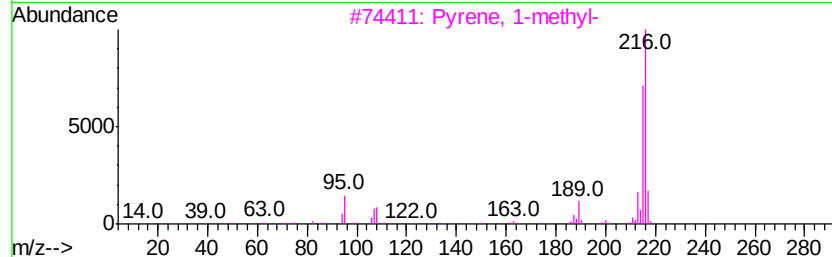
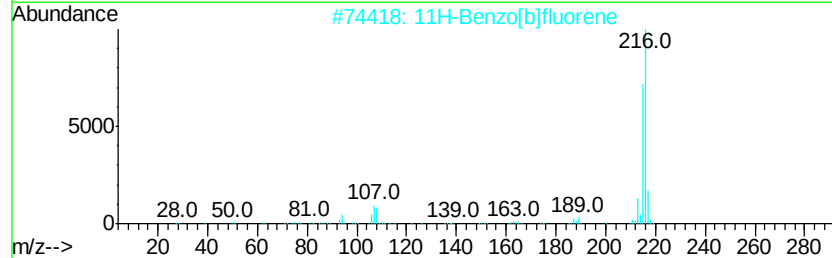
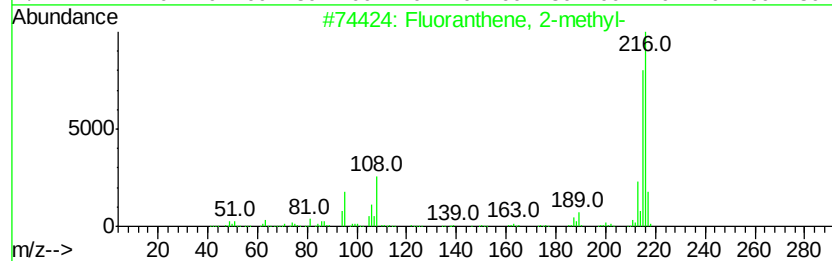
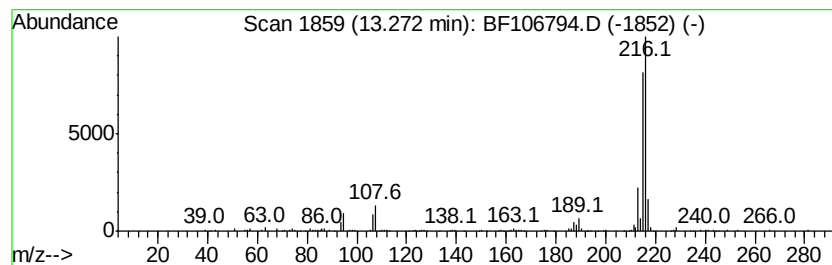
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.27 | 7.31 ng | 196227 | Chrysene-d12     | 14.15 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 95   |
| 2    |    | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 93   |
| 3    |    | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 93   |
| 4    |    | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 93   |
| 5    |    | 7H-Benzo[c]fluorene     | 216 | C17H12  | 000205-12-9 | 87   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

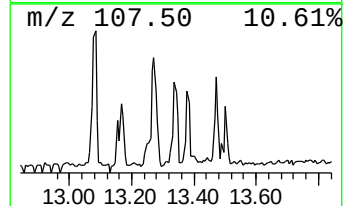
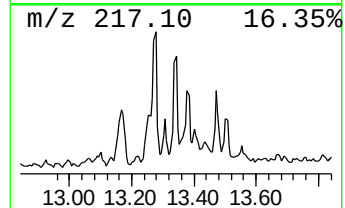
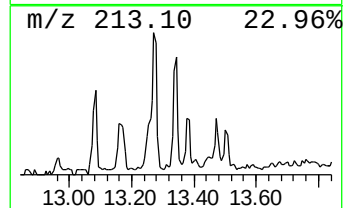
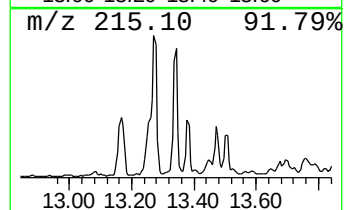
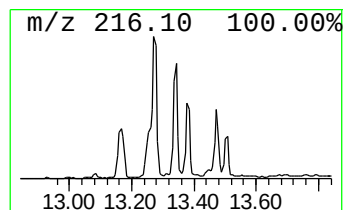
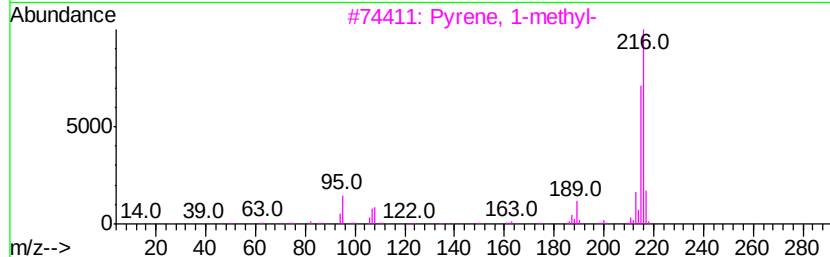
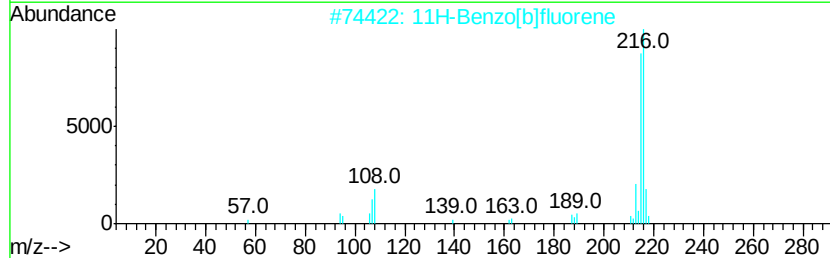
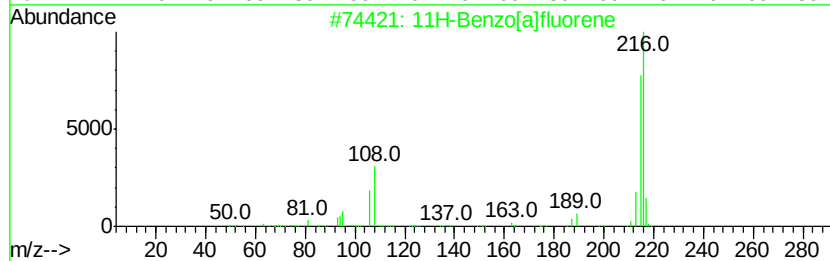
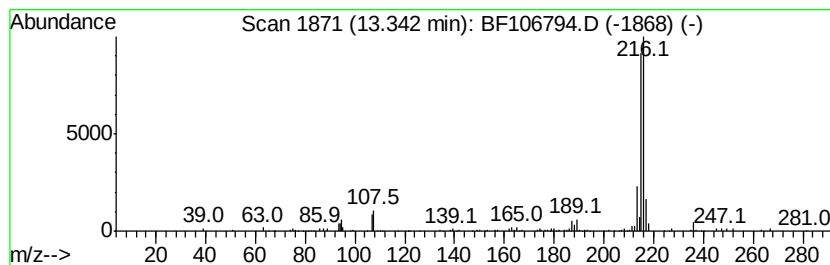
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 14

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 13.34 | 3.32 ng | 89242 | Chrysene-d12     | 14.15 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 91   |
| 2    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 3    |    |   | Pvrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 90   |
| 4    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 87   |
| 5    |    |   | 7H-Benzo[c]fluorene     | 216 | C17H12  | 000205-12-9 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

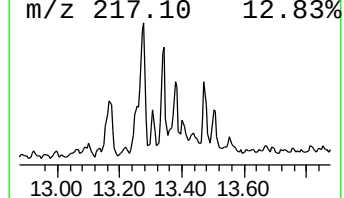
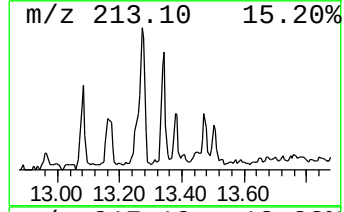
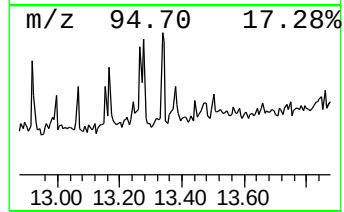
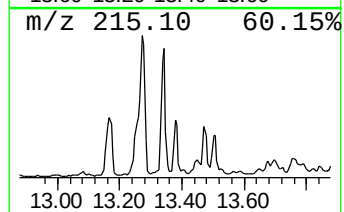
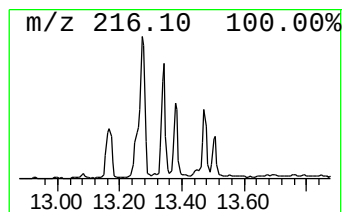
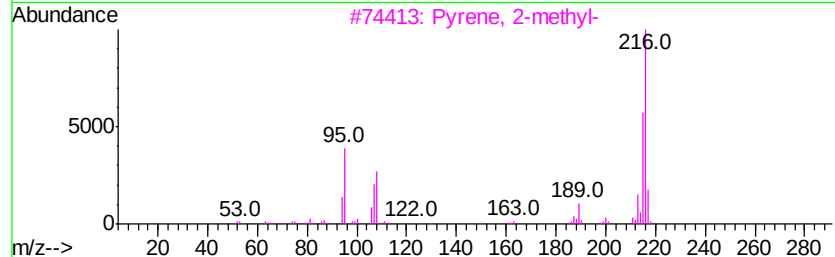
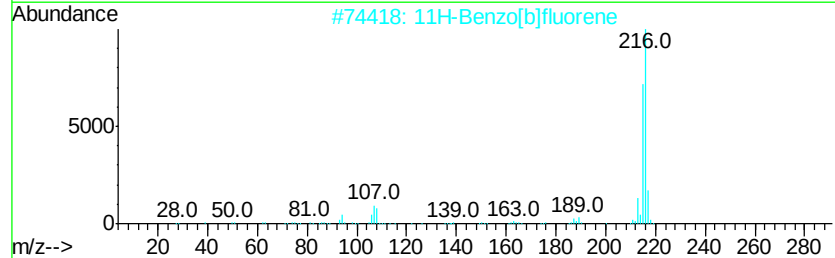
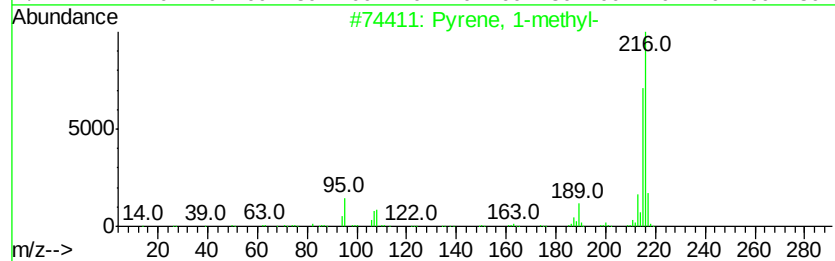
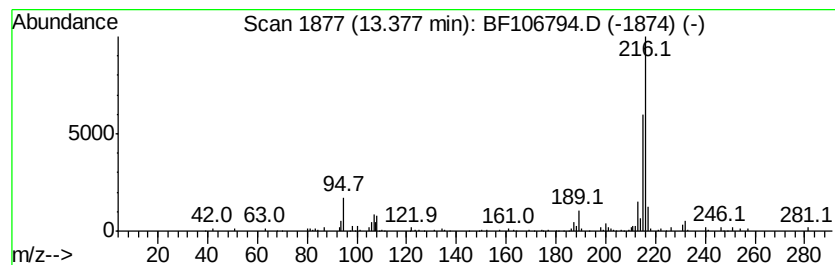
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 13.38 | 2.59 ng | 69619 | Chrysene-d12     | 14.15 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Pyrene, 1-methyl-    | 216 | C17H12  | 002381-21-7 | 97   |
| 2    |    |   | 11H-Benzo[b]fluorene | 216 | C17H12  | 000243-17-4 | 94   |
| 3    |    |   | Pyrene, 2-methyl-    | 216 | C17H12  | 003442-78-2 | 90   |
| 4    |    |   | 11H-Benzo[a]fluorene | 216 | C17H12  | 000238-84-6 | 81   |
| 5    |    |   | Pyrene, 4-methyl-    | 216 | C17H12  | 003353-12-6 | 74   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

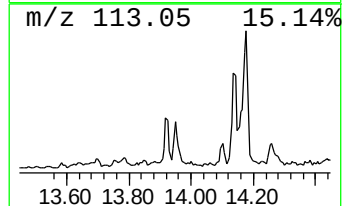
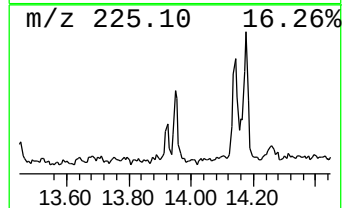
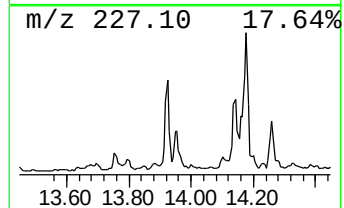
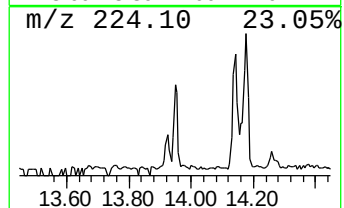
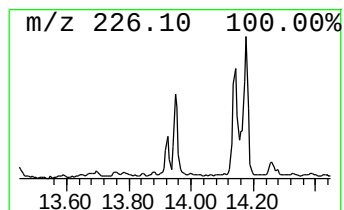
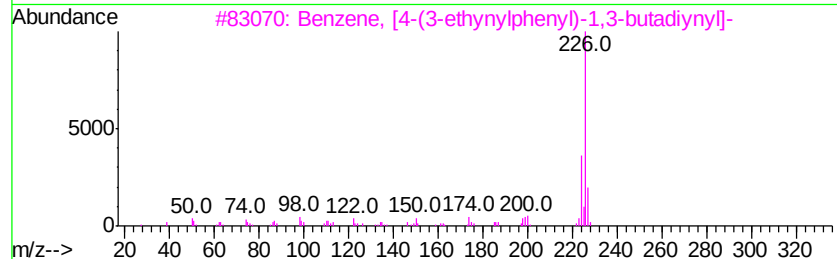
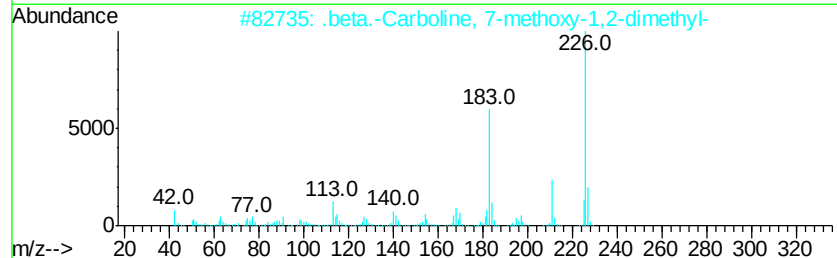
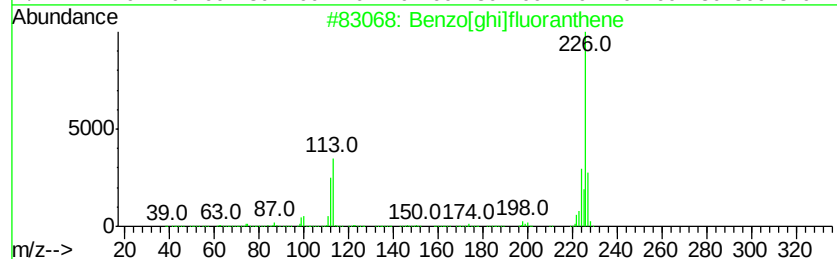
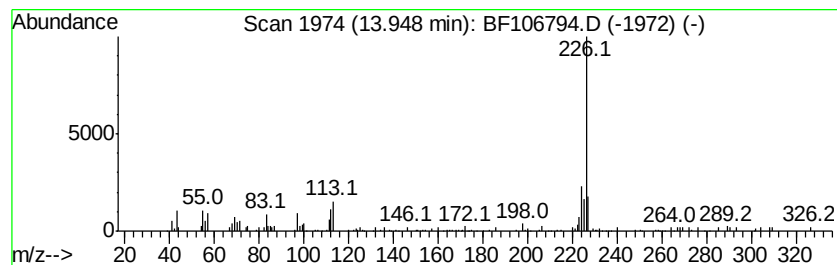
Instrument :  
BNA\_F  
ClientSampled :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.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 18 Benzo[ghi]fluoranthene Concentration Rank 10

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.            |
|---------|---------|-------------------------------------|------------------|-----------------|
| 13.95   | 4.44 ng | 119274                              | Chrysene-d12     | 14.15           |
| Hit# of | 5       | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |         | Benzo[ghi]fluoranthene              | 226 C18H10       | 000203-12-3 60  |
| 2       |         | .beta.-Carboline, 7-methoxy-1,2-... | 226 C14H14N2O    | 006519-18-2 47  |
| 3       |         | Benzene, [4-(3-ethynylphenyl)-1,... | 226 C18H10       | 1000115-87-3 43 |
| 4       |         | 9H-Carbazole, 9-methyl-3-nitro-     | 226 C13H10N2O2   | 061166-05-0 43  |
| 5       |         | Cyclopenta[cd]pyrene                | 226 C18H10       | 027208-37-3 38  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

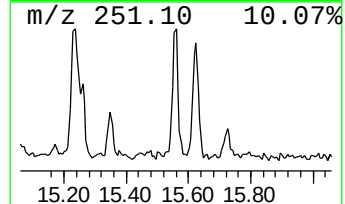
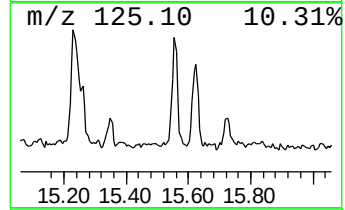
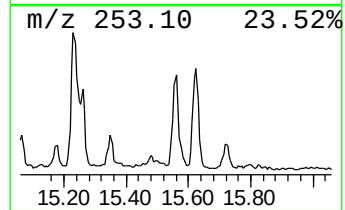
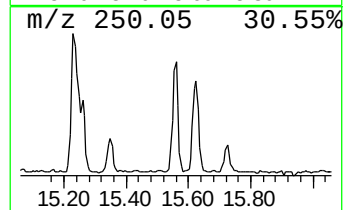
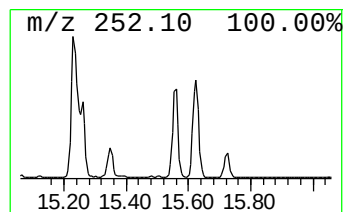
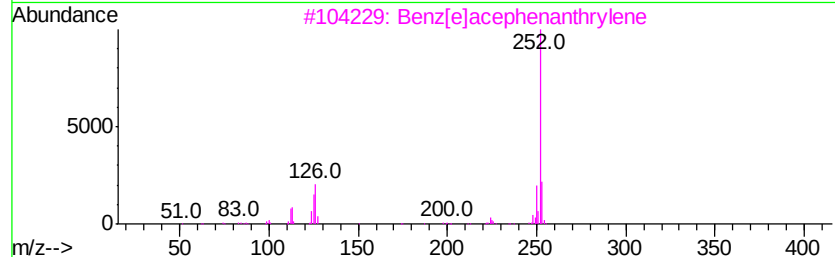
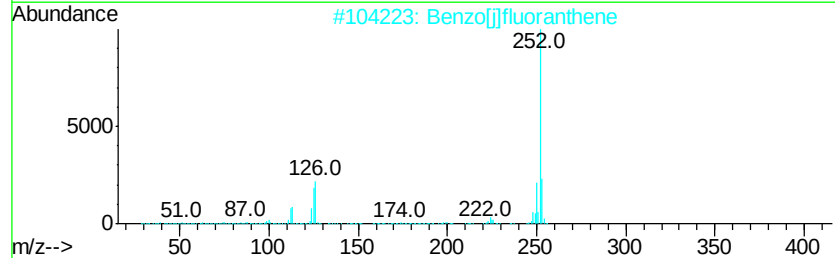
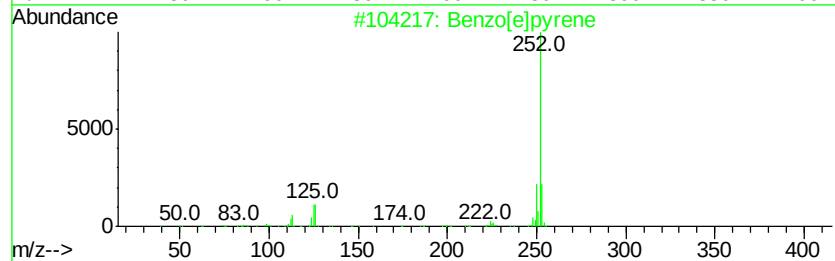
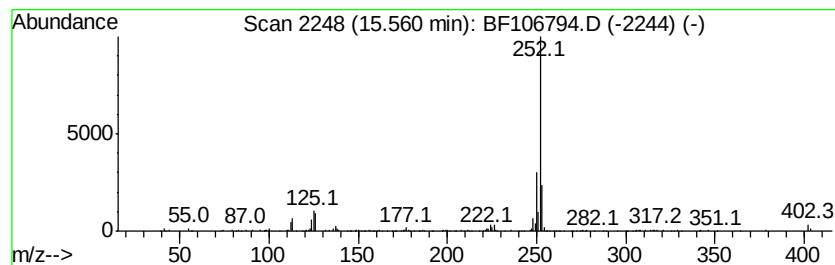
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Benzo[e]pyrene Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.56 | 18.47 ng | 171688 | Perylene-d12     | 15.69 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 97   |
| 2    |    | Benzo[il]fluoranthene     | 252 | C20H12  | 000205-82-3 | 95   |
| 3    |    | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 94   |
| 4    |    | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 93   |
| 5    |    | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106794.D  
Acq On : 26 Jun 2018 1:25  
Operator : JU/SJ  
Sample : J3642-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

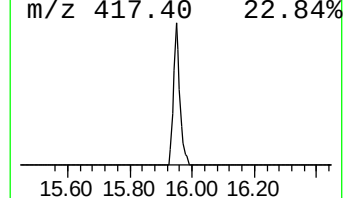
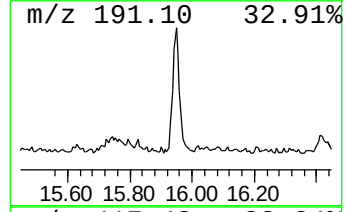
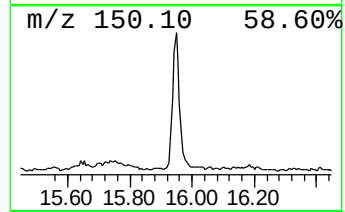
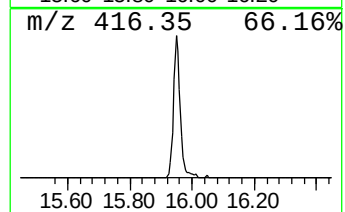
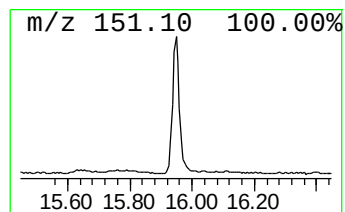
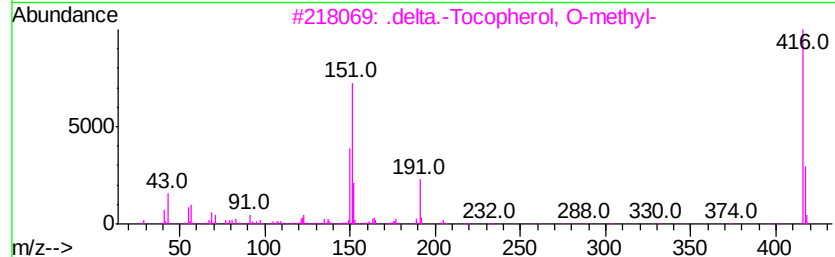
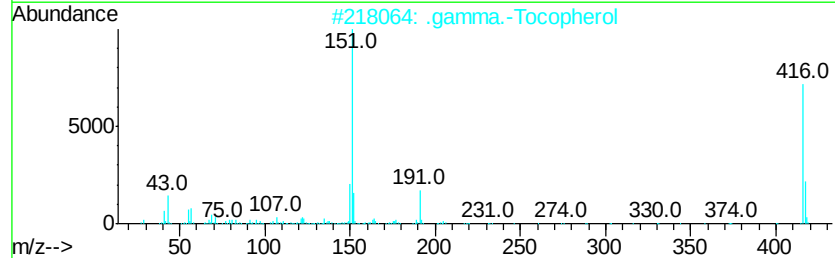
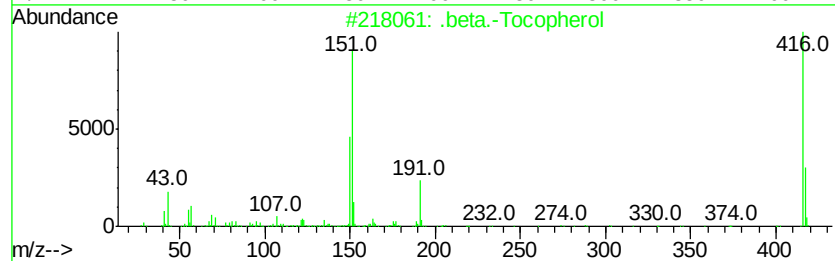
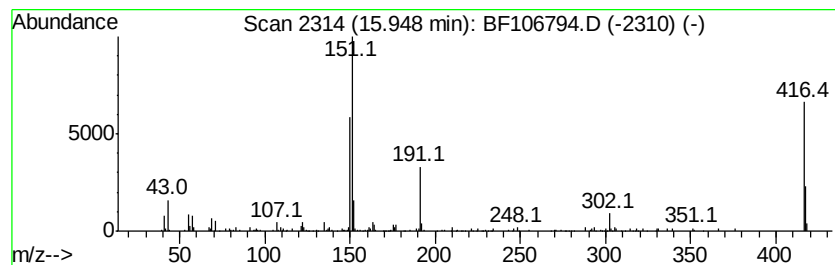
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 .beta.-Tocopherol Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.95 | 18.22 ng | 169346 | Perylene-d12     | 15.69 |

| Hit# | of | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|--------------------------------------|-----|------------|--------------|------|
| 1    | 5  | .beta.-Tocopherol                    | 416 | C28H48O2   | 000148-03-8  | 97   |
| 2    |    | .gamma.-Tocopherol                   | 416 | C28H48O2   | 007616-22-0  | 93   |
| 3    |    | .delta.-Tocopherol, 0-methyl-        | 416 | C28H48O2   | 1000374-72-8 | 93   |
| 4    |    | 5.alpha.-Cholestan-6-one, 3.alpha... | 416 | C28H48O2   | 021513-82-6  | 56   |
| 5    |    | N,N'-Bis(3-methoxyfluoren-9-ylid...  | 416 | C28H20N2O2 | 1000210-76-6 | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062518\  
 Data File : BF106794.D  
 Acq On : 26 Jun 2018 1:25  
 Operator : JU/SJ  
 Sample : J3642-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEST-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061918.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 |
| 2-Pentanone, 4-hy...  | 5.21  | 6.5     | ng    | 96730    | 1                     | 6.96  | 298827 | 20.0 |
| unknown6.74           | 6.74  | 71.3    | ng    | 1065750  | 1                     | 6.96  | 298827 | 20.0 |
| Nonadecane            | 10.41 | 4.1     | ng    | 70539    | 3                     | 10.00 | 340996 | 20.0 |
| Hexacosane            | 10.88 | 5.5     | ng    | 95748    | 4                     | 11.50 | 350584 | 20.0 |
| Tetradecane           | 11.34 | 2.9     | ng    | 51570    | 4                     | 11.50 | 350584 | 20.0 |
| Phenanthrene, 1-m...  | 12.00 | 3.9     | ng    | 68238    | 4                     | 11.50 | 350584 | 20.0 |
| Phenanthrene, 2-m...  | 12.02 | 5.1     | ng    | 90128    | 4                     | 11.50 | 350584 | 20.0 |
| 4H-Cyclopenta[def...  | 12.11 | 7.7     | ng    | 135170   | 4                     | 11.50 | 350584 | 20.0 |
| Naphthalene, 2-ph...  | 12.29 | 3.3     | ng    | 57787    | 4                     | 11.50 | 350584 | 20.0 |
| 9,10-Dimethylanthe... | 12.55 | 4.4     | ng    | 77327    | 4                     | 11.50 | 350584 | 20.0 |
| Cyclopenta(def)ph...  | 12.64 | 3.2     | ng    | 55593    | 4                     | 11.50 | 350584 | 20.0 |
| Fluoranthene, 2-m...  | 13.27 | 7.3     | ng    | 196227   | 5                     | 14.15 | 536803 | 20.0 |
| 11H-Benzo[a]fluorene  | 13.34 | 3.3     | ng    | 89242    | 5                     | 14.15 | 536803 | 20.0 |
| Pyrene, 1-methyl-     | 13.38 | 2.6     | ng    | 69619    | 5                     | 14.15 | 536803 | 20.0 |
| Benzo[ghi]fluoran...  | 13.95 | 4.4     | ng    | 119274   | 5                     | 14.15 | 536803 | 20.0 |
| Benzo[e]pyrene        | 15.56 | 18.5    | ng    | 171688   | 6                     | 15.69 | 185887 | 20.0 |
| .beta.-Tocopherol     | 15.95 | 18.2    | ng    | 169346   | 6                     | 15.69 | 185887 | 20.0 |