

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF022719\  
 Data File : BF112741.D  
 Acq On : 28 Feb 2019 1:42  
 Operator : JU/SJ  
 Sample : K1595-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-E-WALL-GRADE-BEAM

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-BF022719.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         | 3.728       | 271           | 279         | 285          | rBV      | 55868          | 88448         | 2.12%           | 0.161%        |
| 2         | 5.345       | 546           | 554         | 558          | rBV      | 3690571        | 3951035       | 94.77%          | 7.181%        |
| 3         | 5.569       | 588           | 592         | 604          | rBV3     | 81504          | 152680        | 3.66%           | 0.278%        |
| 4         | 5.663       | 604           | 608         | 611          | rBV      | 60272          | 60507         | 1.45%           | 0.110%        |
| 5         | 6.275       | 707           | 712         | 715          | rBV4     | 55230          | 87144         | 2.09%           | 0.158%        |
| 6         | 6.375       | 722           | 729         | 733          | rBV      | 4024881        | 4169088       | 100.00%         | 7.578%        |
| 7         | 6.510       | 747           | 752         | 755          | rBV      | 4383853        | 4007487       | 96.12%          | 7.284%        |
| 8         | 6.575       | 759           | 763         | 765          | rVV2     | 183570         | 200996        | 4.82%           | 0.365%        |
| 9         | 6.592       | 765           | 766         | 769          | rVV      | 207569         | 145696        | 3.49%           | 0.265%        |
| 10        | 6.622       | 769           | 771         | 777          | rVB      | 57177          | 59538         | 1.43%           | 0.108%        |
| 11        | 6.739       | 788           | 791         | 795          | rBV      | 1426273        | 1205663       | 28.92%          | 2.191%        |
| 12        | 6.898       | 814           | 818         | 821          | rBV      | 3605194        | 2997224       | 71.89%          | 5.448%        |
| 13        | 7.004       | 832           | 836         | 838          | rBV2     | 86323          | 101408        | 2.43%           | 0.184%        |
| 14        | 7.022       | 838           | 839         | 843          | rVB2     | 62067          | 58815         | 1.41%           | 0.107%        |
| 15        | 7.069       | 843           | 847         | 850          | rBV      | 106865         | 94317         | 2.26%           | 0.171%        |
| 16        | 7.145       | 856           | 860         | 863          | rBV2     | 74502          | 68663         | 1.65%           | 0.125%        |
| 17        | 7.298       | 880           | 886         | 889          | rBV      | 2835791        | 2534941       | 60.80%          | 4.607%        |
| 18        | 7.357       | 893           | 896         | 899          | rVV2     | 147308         | 129022        | 3.09%           | 0.235%        |
| 19        | 7.392       | 899           | 902         | 907          | rVB5     | 38063          | 62682         | 1.50%           | 0.114%        |
| 20        | 7.545       | 925           | 928         | 932          | rVB      | 55839          | 60648         | 1.45%           | 0.110%        |
| 21        | 7.598       | 934           | 937         | 942          | rVB      | 349094         | 303218        | 7.27%           | 0.551%        |
| 22        | 7.828       | 974           | 976         | 985          | rVB6     | 46034          | 79360         | 1.90%           | 0.144%        |
| 23        | 8.022       | 1005          | 1009        | 1012         | rBV      | 1945601        | 1558636       | 37.39%          | 2.833%        |
| 24        | 8.239       | 1043          | 1046        | 1053         | rBV      | 261432         | 224467        | 5.38%           | 0.408%        |
| 25        | 8.298       | 1053          | 1056        | 1060         | rBV      | 310035         | 260835        | 6.26%           | 0.474%        |
| 26        | 8.733       | 1126          | 1130        | 1135         | rVB2     | 182188         | 195623        | 4.69%           | 0.356%        |
| 27        | 8.798       | 1139          | 1141        | 1144         | rVV      | 93909          | 68981         | 1.65%           | 0.125%        |
| 28        | 8.833       | 1144          | 1147        | 1151         | rVB2     | 96953          | 94685         | 2.27%           | 0.172%        |
| 29        | 8.910       | 1157          | 1160        | 1165         | rBV2     | 81259          | 85018         | 2.04%           | 0.155%        |
| 30        | 9.016       | 1175          | 1178        | 1183         | rBV      | 91771          | 86225         | 2.07%           | 0.157%        |
| 31        | 9.098       | 1188          | 1192        | 1195         | rVV      | 4505757        | 3713039       | 89.06%          | 6.749%        |
| 32        | 9.192       | 1205          | 1208        | 1211         | rBV      | 89045          | 79172         | 1.90%           | 0.144%        |
| 33        | 9.357       | 1229          | 1236        | 1240         | rBV2     | 74242          | 116030        | 2.78%           | 0.211%        |
| 34        | 9.433       | 1243          | 1249        | 1251         | rVV      | 91445          | 89518         | 2.15%           | 0.163%        |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-E-WALL-GRADE-BEAM

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-BF022719.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 9.486  | 1255 | 1258 | 1261 | rVV  | 347519  | 273674  | 6.56%  | 0.497% |
| 36 | 9.627  | 1279 | 1282 | 1287 | rBV  | 76148   | 72135   | 1.73%  | 0.131% |
| 37 | 9.716  | 1295 | 1297 | 1301 | rBV2 | 51299   | 64694   | 1.55%  | 0.118% |
| 38 | 9.769  | 1301 | 1306 | 1310 | rVV  | 1662943 | 1543953 | 37.03% | 2.806% |
| 39 | 9.804  | 1310 | 1312 | 1315 | rVB2 | 165292  | 144568  | 3.47%  | 0.263% |
| 40 | 9.974  | 1338 | 1341 | 1345 | rVB  | 128366  | 118849  | 2.85%  | 0.216% |
| 41 | 10.192 | 1372 | 1378 | 1380 | rBV4 | 39164   | 60700   | 1.46%  | 0.110% |
| 42 | 10.316 | 1396 | 1399 | 1401 | rBV  | 133769  | 128075  | 3.07%  | 0.233% |
| 43 | 10.474 | 1423 | 1426 | 1431 | rVB  | 74413   | 80042   | 1.92%  | 0.145% |
| 44 | 10.551 | 1435 | 1439 | 1443 | rVV  | 2707100 | 2437392 | 58.46% | 4.430% |
| 45 | 10.686 | 1456 | 1462 | 1465 | rBV6 | 60627   | 83585   | 2.00%  | 0.152% |
| 46 | 10.863 | 1489 | 1492 | 1494 | rVB2 | 73872   | 56852   | 1.36%  | 0.103% |
| 47 | 10.921 | 1499 | 1502 | 1505 | rBV2 | 55333   | 57449   | 1.38%  | 0.104% |
| 48 | 11.051 | 1521 | 1524 | 1529 | rVB2 | 119131  | 128746  | 3.09%  | 0.234% |
| 49 | 11.110 | 1529 | 1534 | 1536 | rBV3 | 50313   | 86083   | 2.06%  | 0.156% |
| 50 | 11.139 | 1536 | 1539 | 1542 | rVB2 | 108191  | 117722  | 2.82%  | 0.214% |
| 51 | 11.245 | 1554 | 1557 | 1559 | rBV  | 1600188 | 1477257 | 35.43% | 2.685% |
| 52 | 11.269 | 1559 | 1561 | 1564 | rVV  | 1713439 | 1411903 | 33.87% | 2.566% |
| 53 | 11.321 | 1564 | 1570 | 1573 | rVB  | 377405  | 368685  | 8.84%  | 0.670% |
| 54 | 11.351 | 1573 | 1575 | 1579 | rBV3 | 66892   | 80096   | 1.92%  | 0.146% |
| 55 | 11.421 | 1585 | 1587 | 1590 | rVB3 | 58872   | 55375   | 1.33%  | 0.101% |
| 56 | 11.468 | 1590 | 1595 | 1599 | rBV2 | 160867  | 196299  | 4.71%  | 0.357% |
| 57 | 11.574 | 1611 | 1613 | 1617 | rVB2 | 92281   | 92433   | 2.22%  | 0.168% |
| 58 | 11.727 | 1635 | 1639 | 1640 | rVV  | 48541   | 57437   | 1.38%  | 0.104% |
| 59 | 11.745 | 1640 | 1642 | 1645 | rVV  | 249113  | 226708  | 5.44%  | 0.412% |
| 60 | 11.786 | 1645 | 1649 | 1652 | rVV2 | 506317  | 726857  | 17.43% | 1.321% |
| 61 | 11.821 | 1652 | 1655 | 1658 | rVV2 | 190954  | 198683  | 4.77%  | 0.361% |
| 62 | 11.857 | 1658 | 1661 | 1663 | rVV  | 311684  | 317564  | 7.62%  | 0.577% |
| 63 | 11.880 | 1663 | 1665 | 1668 | rVB  | 163586  | 123540  | 2.96%  | 0.225% |
| 64 | 12.045 | 1690 | 1693 | 1694 | rBV  | 168147  | 161973  | 3.89%  | 0.294% |
| 65 | 12.192 | 1715 | 1718 | 1721 | rVB  | 72370   | 61175   | 1.47%  | 0.111% |
| 66 | 12.221 | 1721 | 1723 | 1725 | rBV  | 73502   | 68182   | 1.64%  | 0.124% |
| 67 | 12.245 | 1725 | 1727 | 1730 | rVB  | 87858   | 67165   | 1.61%  | 0.122% |
| 68 | 12.298 | 1732 | 1736 | 1739 | rBV2 | 222412  | 218088  | 5.23%  | 0.396% |
| 69 | 12.380 | 1747 | 1750 | 1755 | rVB2 | 101283  | 128326  | 3.08%  | 0.233% |
| 70 | 12.457 | 1759 | 1763 | 1766 | rVV  | 1971396 | 1744896 | 41.85% | 3.171% |
| 71 | 12.568 | 1780 | 1782 | 1786 | rBV3 | 161572  | 182073  | 4.37%  | 0.331% |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-E-WALL-GRADE-BEAM

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-BF022719.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 12.604 | 1786 | 1788 | 1792 | rVV  | 68778   | 72007   | 1.73%  | 0.131% |
| 73  | 12.680 | 1796 | 1801 | 1804 | rVV  | 1735565 | 1805929 | 43.32% | 3.282% |
| 74  | 12.739 | 1807 | 1811 | 1815 | rVB4 | 102084  | 165543  | 3.97%  | 0.301% |
| 75  | 12.798 | 1819 | 1821 | 1823 | rBV  | 102834  | 91538   | 2.20%  | 0.166% |
| 76  | 12.833 | 1823 | 1827 | 1830 | rVB  | 3421686 | 3341584 | 80.15% | 6.073% |
| 77  | 12.963 | 1847 | 1849 | 1851 | rBV2 | 63318   | 56716   | 1.36%  | 0.103% |
| 78  | 12.986 | 1851 | 1853 | 1854 | rVV2 | 106521  | 97277   | 2.33%  | 0.177% |
| 79  | 13.010 | 1854 | 1857 | 1860 | rVB  | 223256  | 234754  | 5.63%  | 0.427% |
| 80  | 13.074 | 1865 | 1868 | 1871 | rBV2 | 179075  | 158914  | 3.81%  | 0.289% |
| 81  | 13.110 | 1871 | 1874 | 1877 | rBV  | 188878  | 179262  | 4.30%  | 0.326% |
| 82  | 13.204 | 1888 | 1890 | 1892 | rVB  | 81663   | 59351   | 1.42%  | 0.108% |
| 83  | 13.233 | 1893 | 1895 | 1899 | rBV  | 90367   | 86866   | 2.08%  | 0.158% |
| 84  | 13.304 | 1904 | 1907 | 1912 | rVV  | 542603  | 491981  | 11.80% | 0.894% |
| 85  | 13.510 | 1939 | 1942 | 1948 | rVB  | 127443  | 153225  | 3.68%  | 0.278% |
| 86  | 13.621 | 1958 | 1961 | 1964 | rBV2 | 156304  | 177807  | 4.26%  | 0.323% |
| 87  | 13.651 | 1964 | 1966 | 1968 | rVV  | 118424  | 105280  | 2.53%  | 0.191% |
| 88  | 13.674 | 1968 | 1970 | 1974 | rVV2 | 115881  | 154333  | 3.70%  | 0.281% |
| 89  | 13.715 | 1975 | 1977 | 1978 | rVV  | 128950  | 106722  | 2.56%  | 0.194% |
| 90  | 13.733 | 1978 | 1980 | 1985 | rVB  | 259669  | 256054  | 6.14%  | 0.465% |
| 91  | 13.868 | 1999 | 2003 | 2006 | rBV2 | 1756463 | 2285179 | 54.81% | 4.153% |
| 92  | 13.898 | 2006 | 2008 | 2011 | rVB  | 769153  | 583173  | 13.99% | 1.060% |
| 93  | 14.057 | 2033 | 2035 | 2038 | rVB2 | 111530  | 94280   | 2.26%  | 0.171% |
| 94  | 14.092 | 2038 | 2041 | 2043 | rBV2 | 225407  | 221989  | 5.32%  | 0.403% |
| 95  | 14.880 | 2172 | 2175 | 2178 | rBV  | 536628  | 724561  | 17.38% | 1.317% |
| 96  | 14.980 | 2189 | 2192 | 2198 | rVB  | 409630  | 469022  | 11.25% | 0.852% |
| 97  | 15.162 | 2220 | 2223 | 2229 | rVB  | 338239  | 423473  | 10.16% | 0.770% |
| 98  | 15.221 | 2230 | 2233 | 2238 | rVB  | 446485  | 480922  | 11.54% | 0.874% |
| 99  | 15.280 | 2239 | 2243 | 2246 | rBV  | 823020  | 938979  | 22.52% | 1.707% |
| 100 | 16.633 | 2470 | 2473 | 2480 | rVB3 | 229804  | 392444  | 9.41%  | 0.713% |

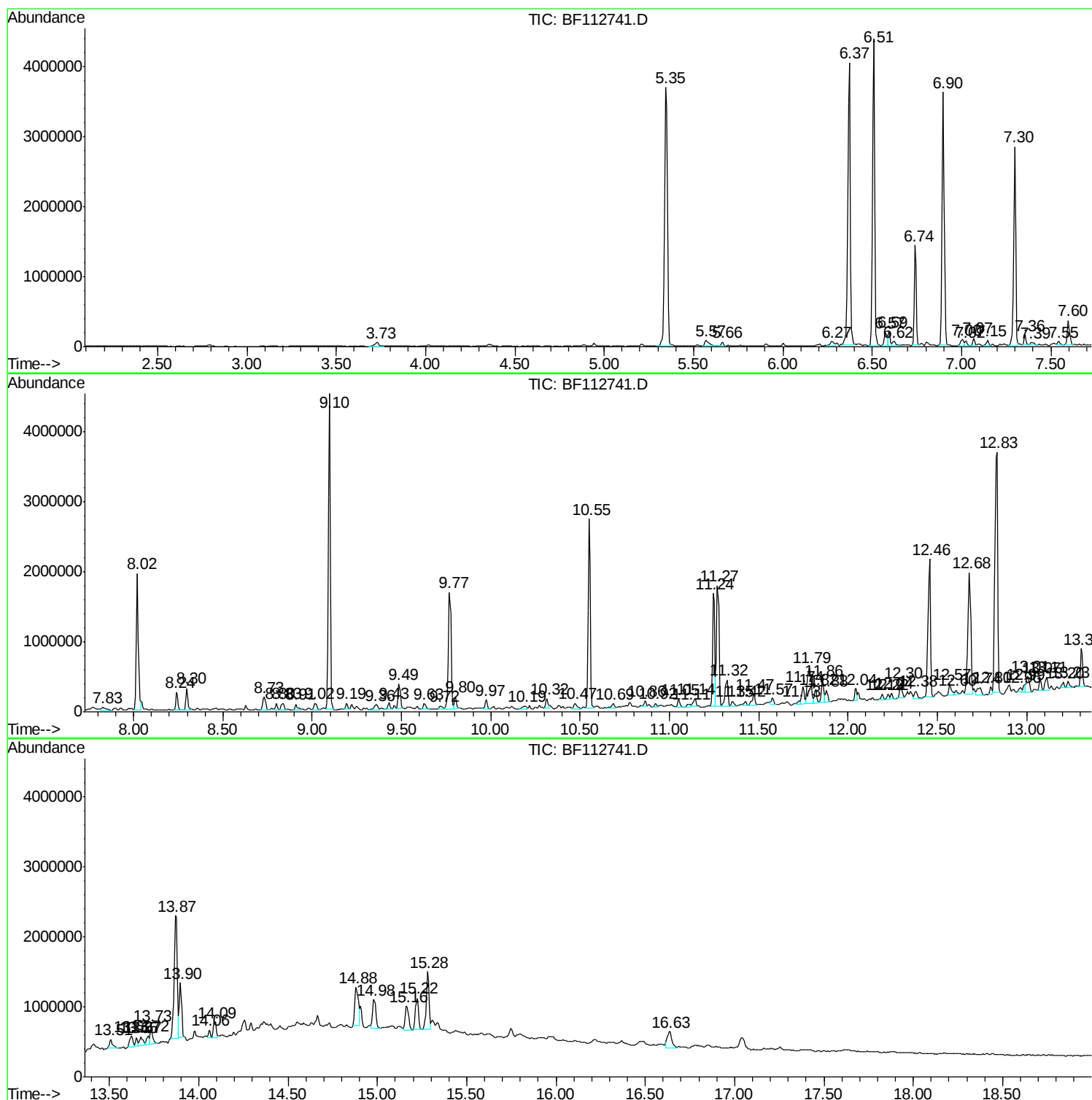
Sum of corrected areas: 55019208

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ALS Vial : 24 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.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\BF022719\  
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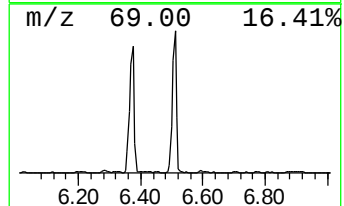
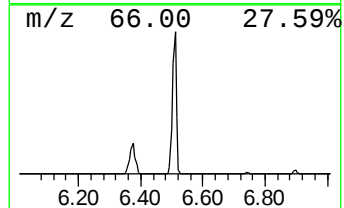
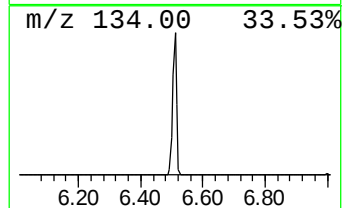
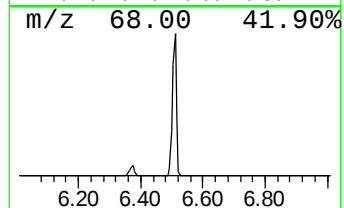
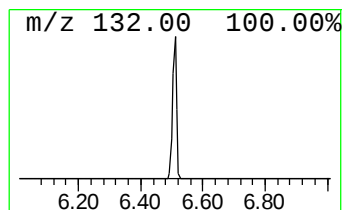
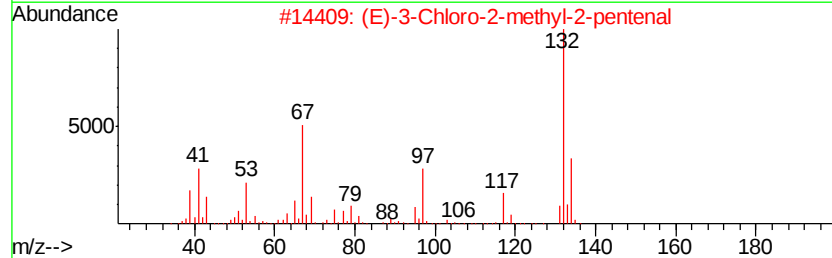
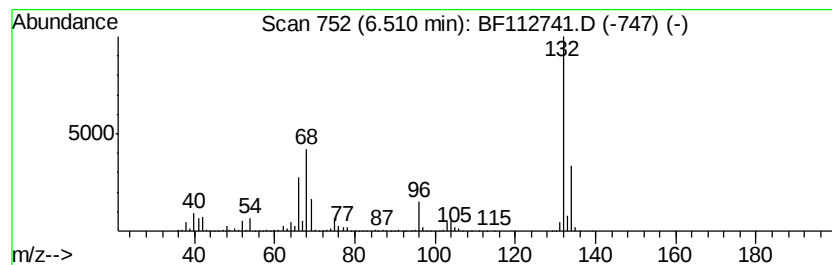
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.51 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.51 | 66.48 ng | 4007490 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 3    |    | Tranvlcyproline-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

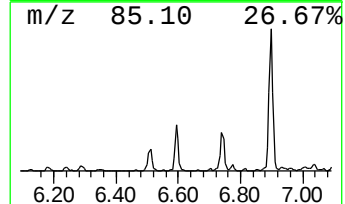
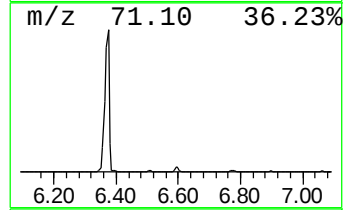
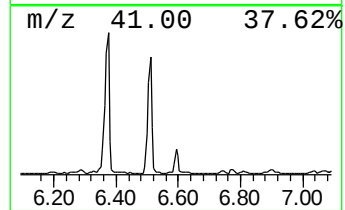
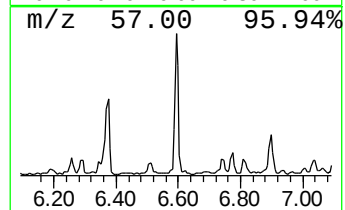
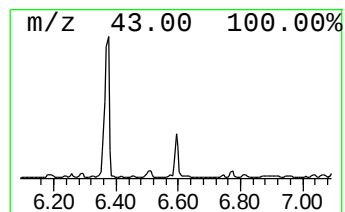
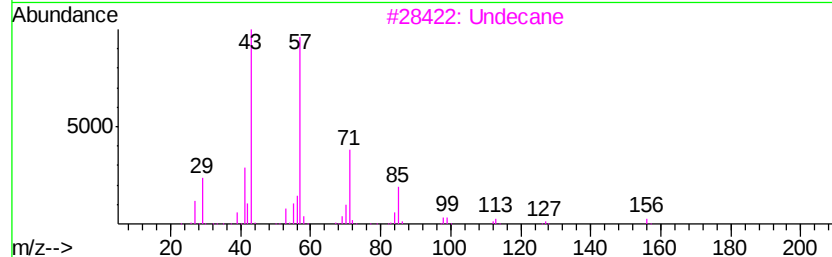
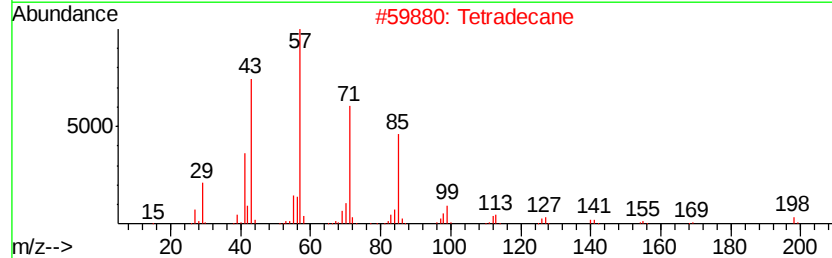
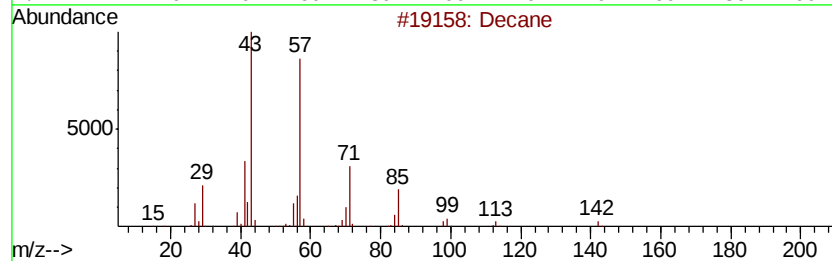
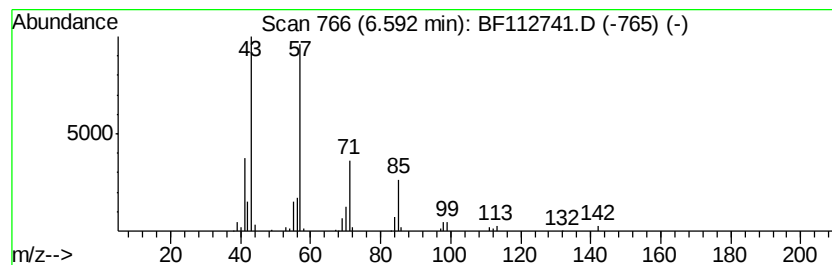
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Decane Concentration Rank 16

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 6.59 | 2.42 ng | 145696 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Decane                | 142 | C10H22  | 000124-18-5 | 95   |
| 2    |    | Tetradecane           | 198 | C14H30  | 000629-59-4 | 83   |
| 3    |    | Undecane              | 156 | C11H24  | 001120-21-4 | 83   |
| 4    |    | Tridecane             | 184 | C13H28  | 000629-50-5 | 78   |
| 5    |    | Decane, 2,9-dimethyl- | 170 | C12H26  | 001002-17-1 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

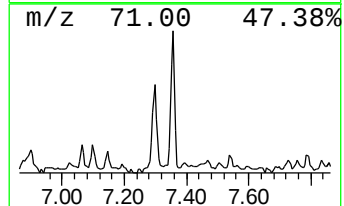
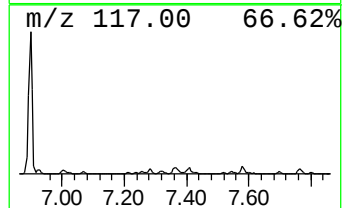
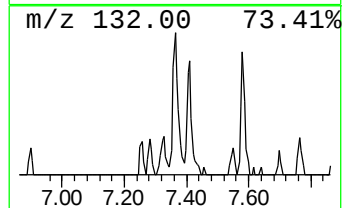
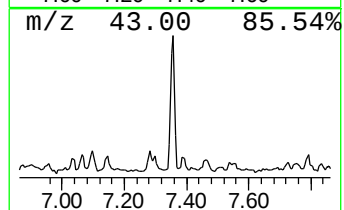
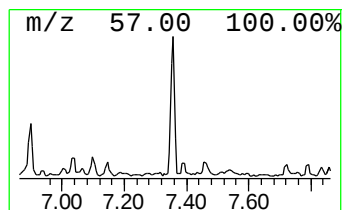
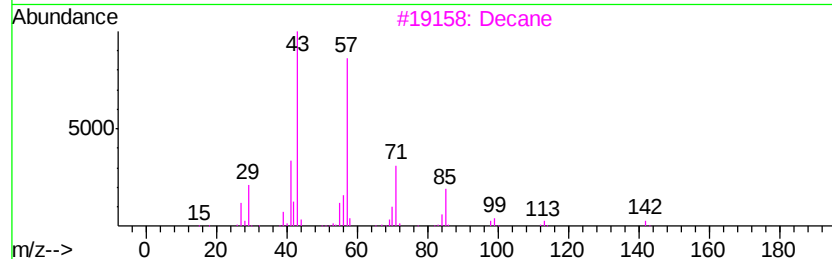
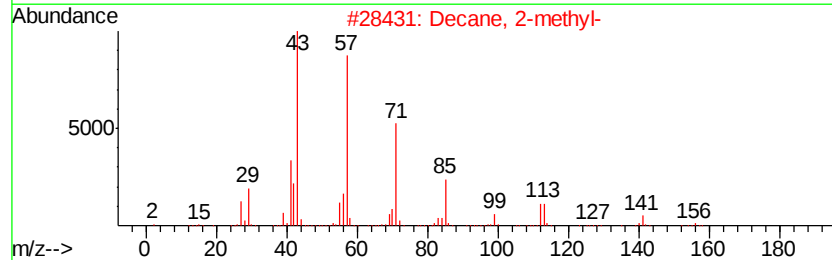
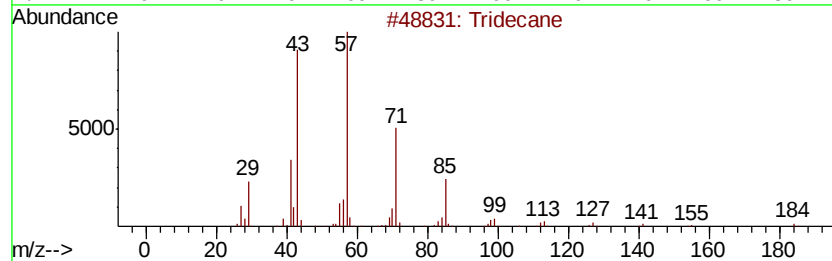
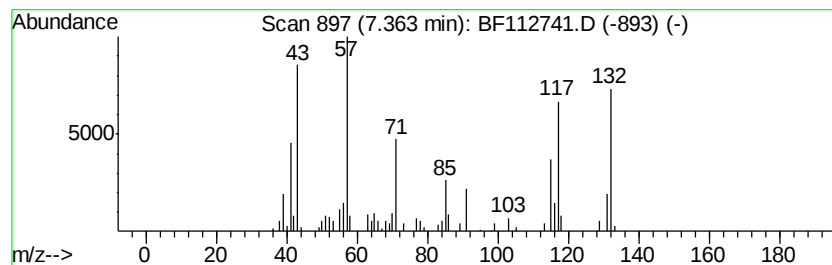
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Tridecane Concentration Rank 19

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 7.36 | 2.14 ng | 129022 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane                     | 184 | C13H28  | 000629-50-5 | 58   |
| 2    |    |   | Decane, 2-methyl-             | 156 | C11H24  | 006975-98-0 | 58   |
| 3    |    |   | Decane                        | 142 | C10H22  | 000124-18-5 | 53   |
| 4    |    |   | Decane, 2,3,7-trimethyl-      | 184 | C13H28  | 062238-13-5 | 50   |
| 5    |    |   | Octane, 3-ethyl-2,7-dimethyl- | 170 | C12H26  | 062183-55-5 | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

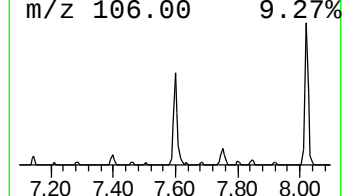
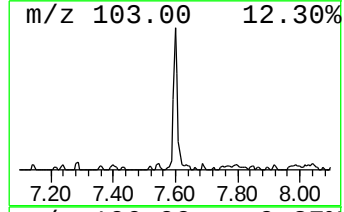
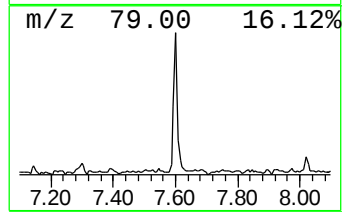
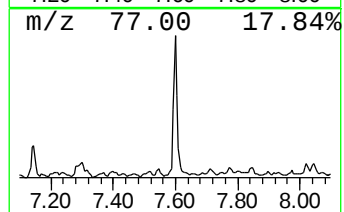
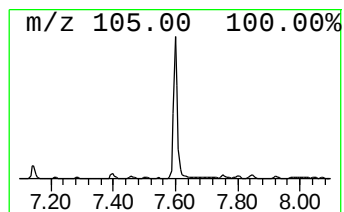
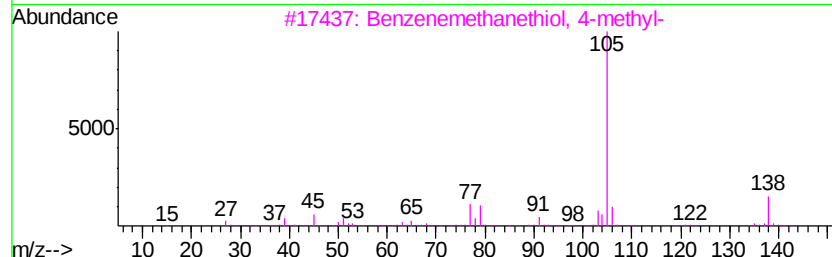
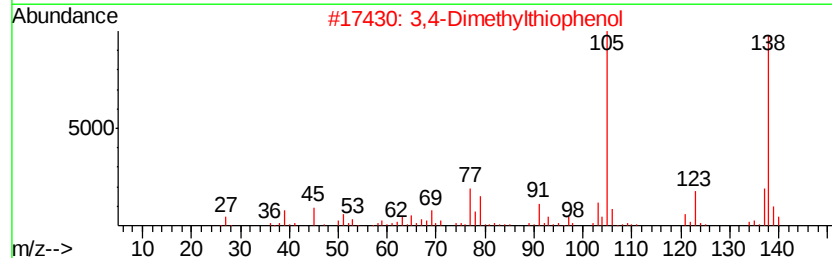
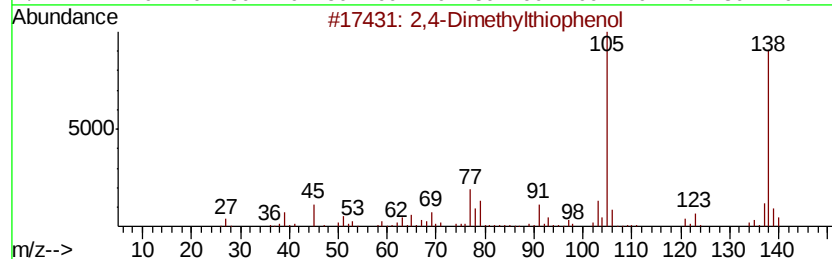
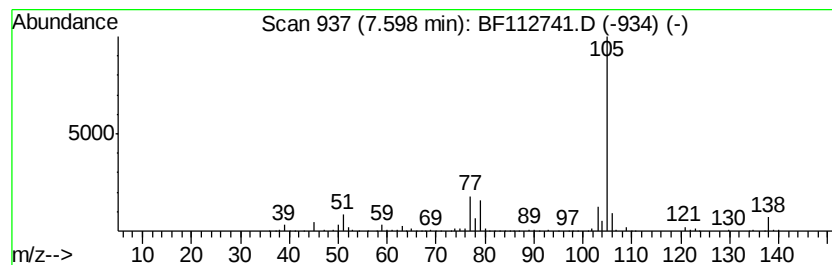
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 2,4-Dimethylthiophenol Concentration Rank 7

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 7.60 | 3.89 ng | 303218 | Napthalene-d8    | 8.02 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2,4-Dimethylthiophenol              | 138 | C8H10S  | 013616-82-5 | 78   |
| 2    |    | 3,4-Dimethylthiophenol              | 138 | C8H10S  | 018800-53-8 | 78   |
| 3    |    | Benzenemethanethiol, 4-methyl-      | 138 | C8H10S  | 004498-99-1 | 78   |
| 4    |    | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 64   |
| 5    |    | Benzene, (1,3-dimethyl-3-butenyl)-  | 160 | C12H16  | 056851-51-5 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

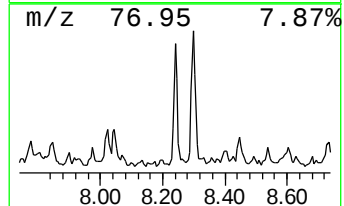
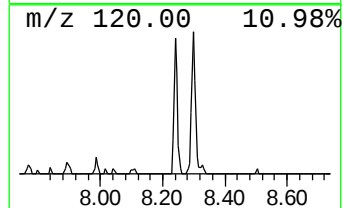
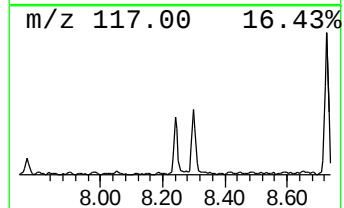
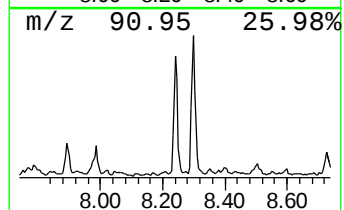
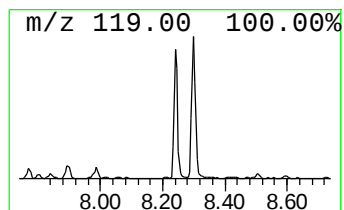
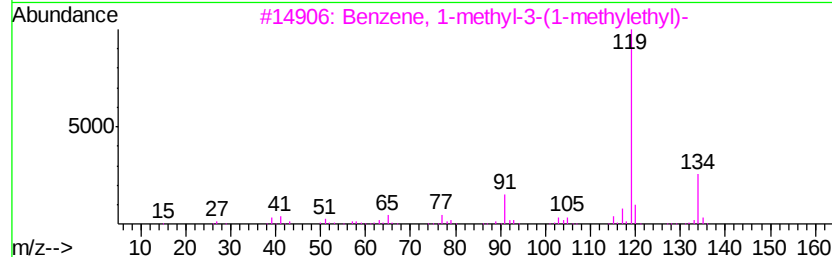
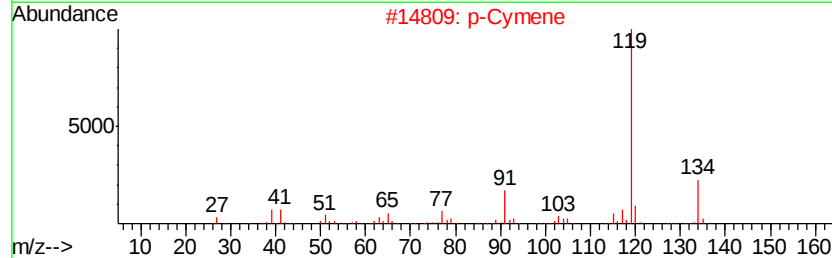
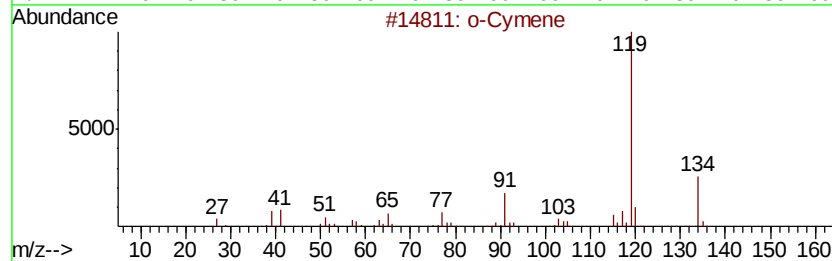
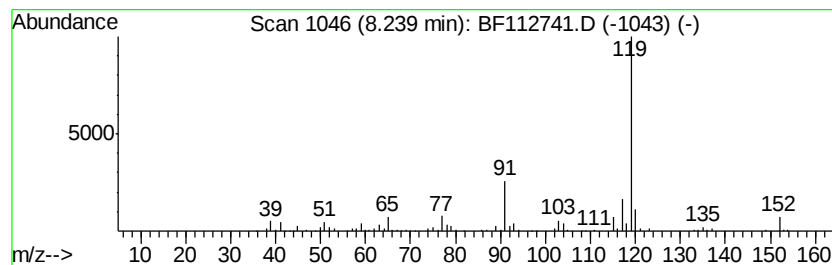
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ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.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 o-Cymene Concentration Rank 12

| R.T.    | EstConc | Area                                 | Relative to ISTD | R.T.           |
|---------|---------|--------------------------------------|------------------|----------------|
| 8.24    | 2.88 ng | 224467                               | Napthalene-d8    | 8.02           |
| Hit# of | 5       | Tentative ID                         | MW MolForm       | CAS# Qual      |
| 1       |         | o-Cymene                             | 134 C10H14       | 000527-84-4 87 |
| 2       |         | p-Cymene                             | 134 C10H14       | 000099-87-6 74 |
| 3       |         | Benzene, 1-methyl-3-(1-methylethyl)- | 134 C10H14       | 000535-77-3 74 |
| 4       |         | Benzene, 2-ethyl-1,3-dimethyl-       | 134 C10H14       | 002870-04-4 64 |
| 5       |         | 4-Aminostyrene                       | 119 C8H9N        | 001520-21-4 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

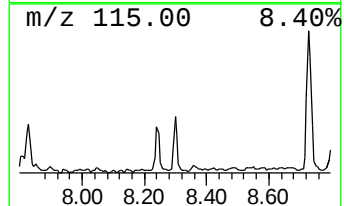
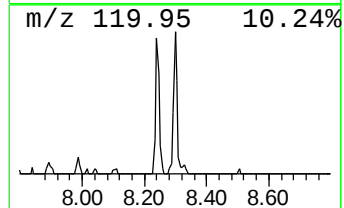
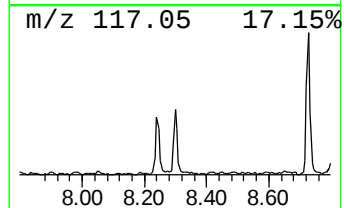
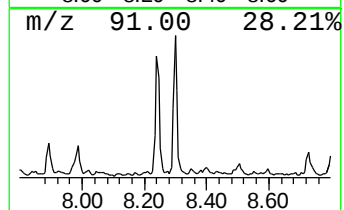
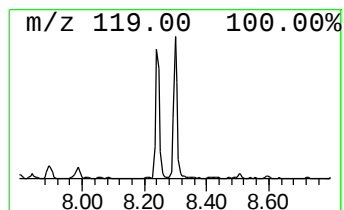
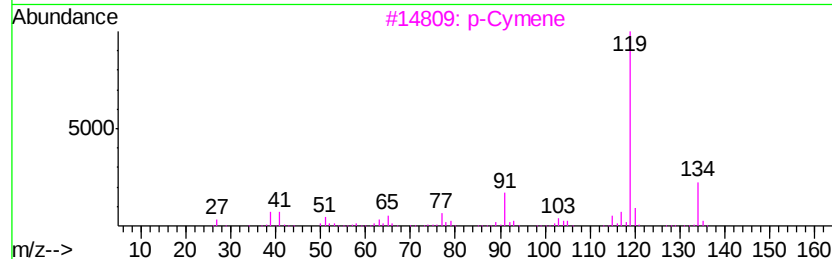
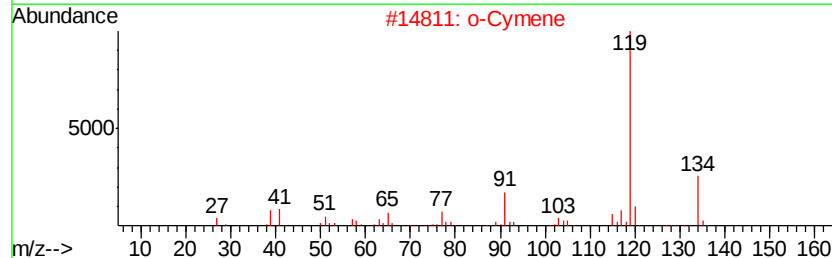
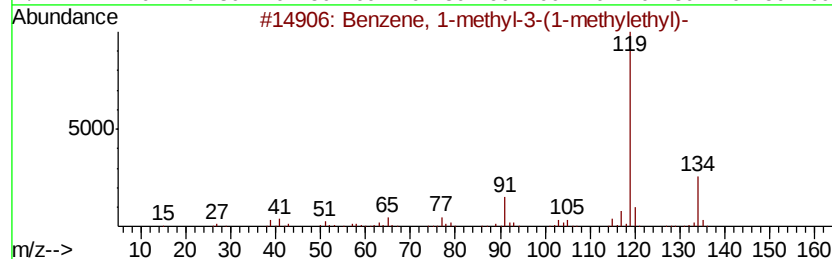
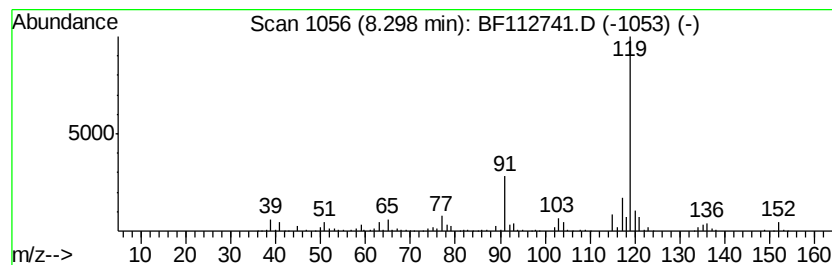
Instrument :  
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ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.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 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.           |
|---------|---------|-------------------------------------|------------------|----------------|
| 8.30    | 3.35 ng | 260835                              | Napthalene-d8    | 8.02           |
| Hit# of | 5       | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |         | Benzene, 1-methyl-3-(1-methyleth... | 134 C10H14       | 000535-77-3 81 |
| 2       |         | o-Cymene                            | 134 C10H14       | 000527-84-4 81 |
| 3       |         | p-Cymene                            | 134 C10H14       | 000099-87-6 74 |
| 4       |         | Benzene, 1,2,4,5-tetramethyl-       | 134 C10H14       | 000095-93-2 72 |
| 5       |         | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 C10H14       | 076089-59-3 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

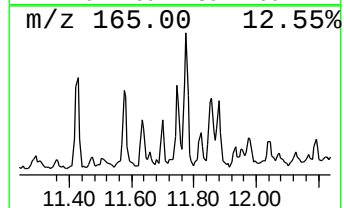
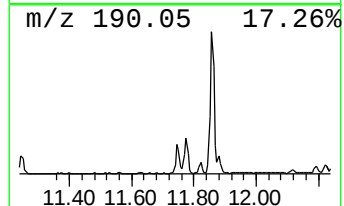
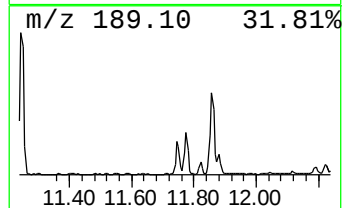
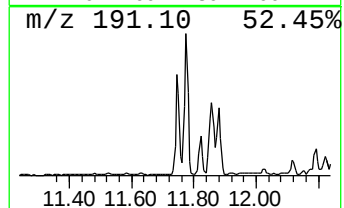
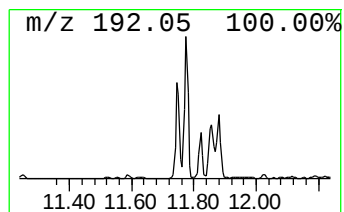
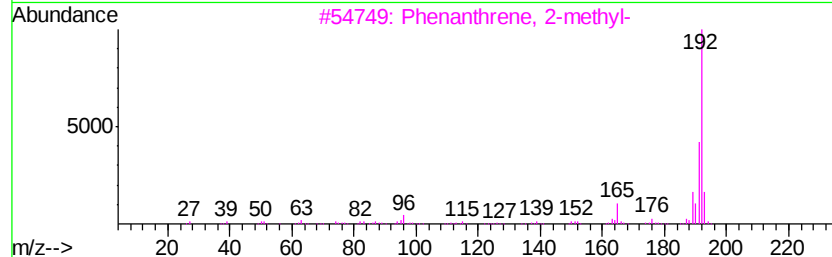
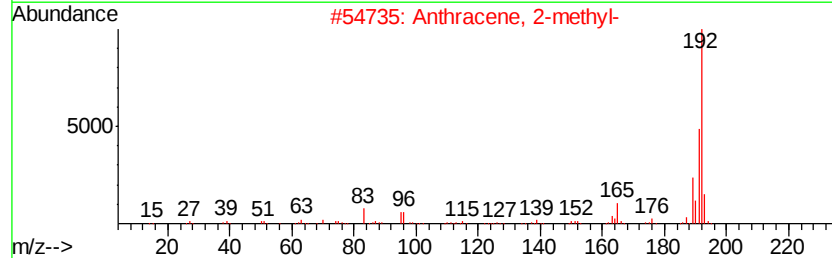
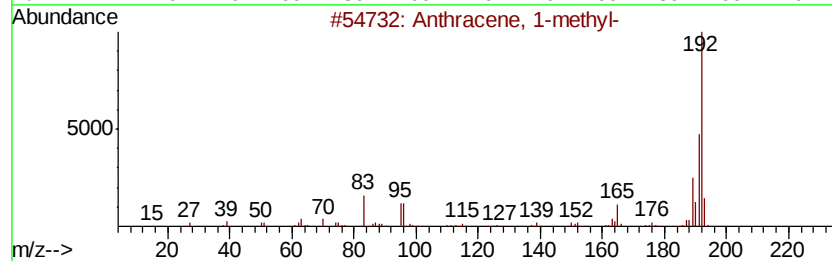
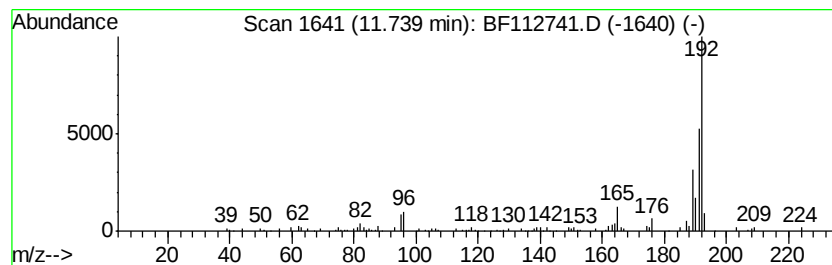
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Anthracene, 1-methyl- Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.74 | 3.07 ng | 226708 | Phenanthrene-d10 | 11.24 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 90   |
| 2    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 86   |
| 3    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 86   |
| 4    |    |   | Phenanthrene, 4-methyl- | 192 | C15H12  | 000832-64-4 | 76   |
| 5    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 76   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
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Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

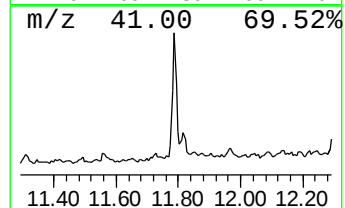
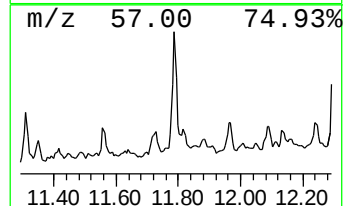
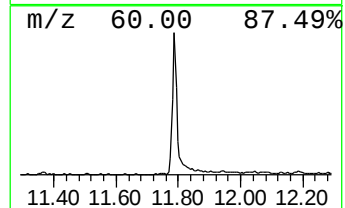
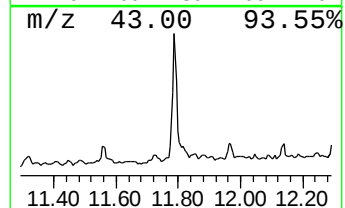
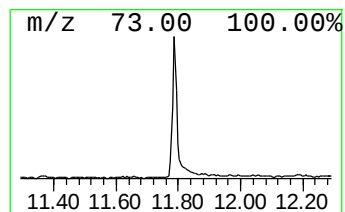
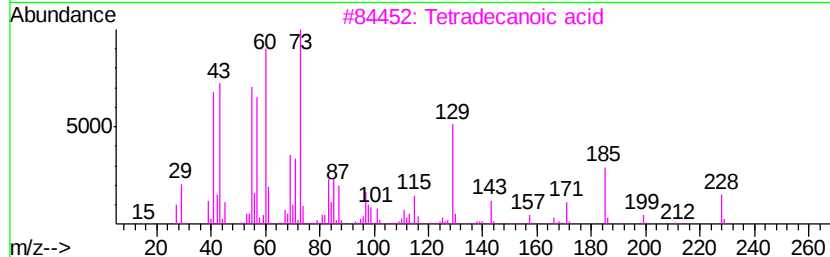
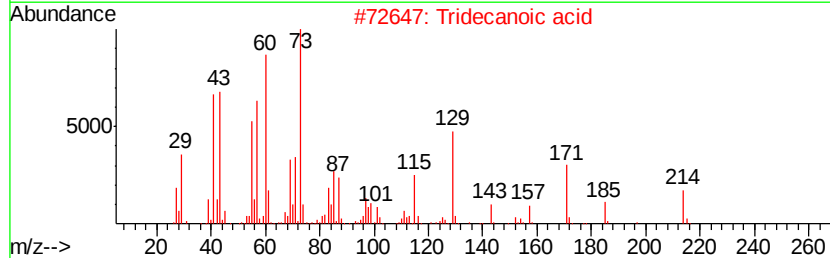
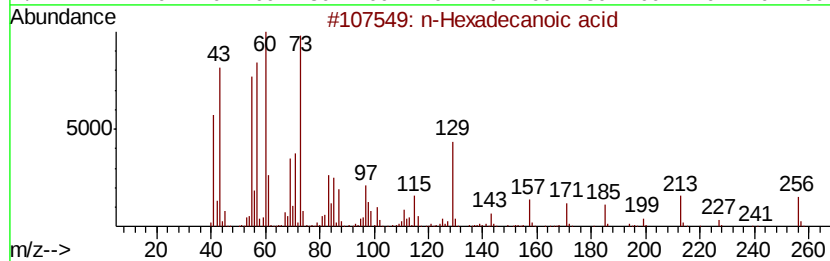
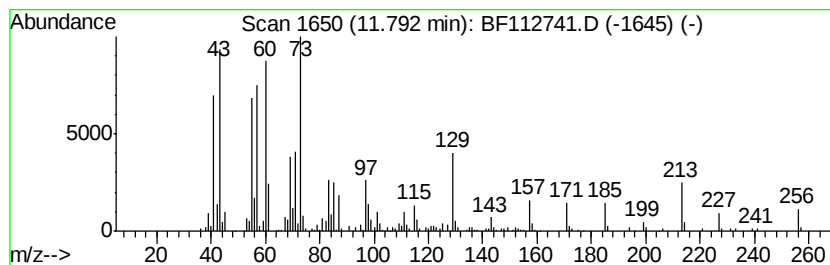
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 n-Hexadecanoic acid Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.79 | 9.84 ng | 726857 | Phenanthrene-d10 | 11.24 |

| Hit# | of | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid            | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    | Tridecanoic acid               | 214 | C13H26O2 | 000638-53-9 | 95   |
| 3    |    | Tetradecanoic acid             | 228 | C14H28O2 | 000544-63-8 | 91   |
| 4    |    | Pentadecanoic acid             | 242 | C15H30O2 | 001002-84-2 | 90   |
| 5    |    | Estra-1,3,5(10)-trien-17.β.-ol | 256 | C18H24O  | 002529-64-8 | 30   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

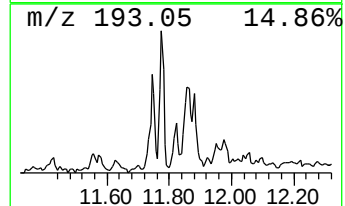
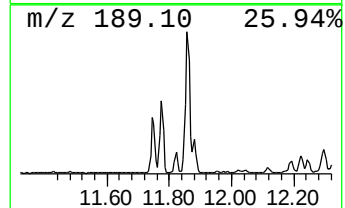
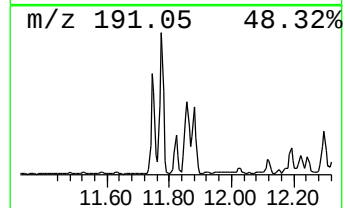
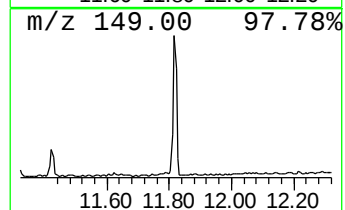
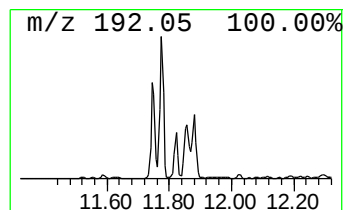
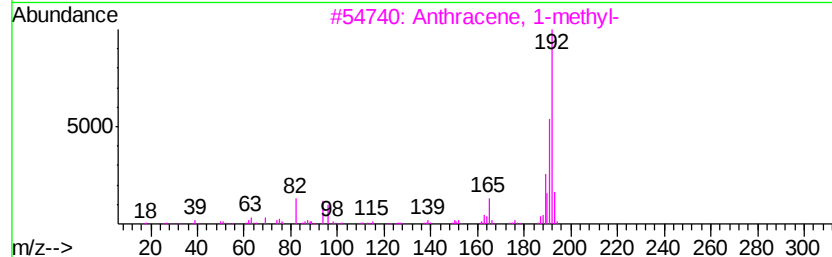
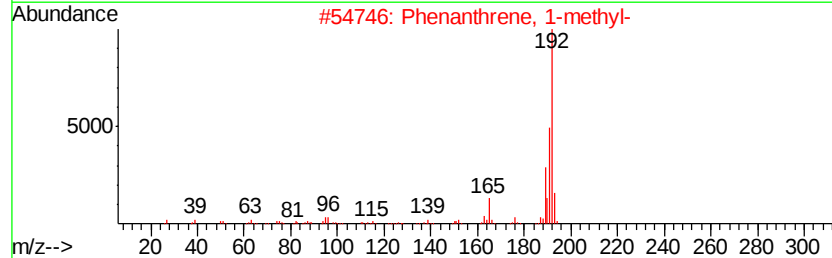
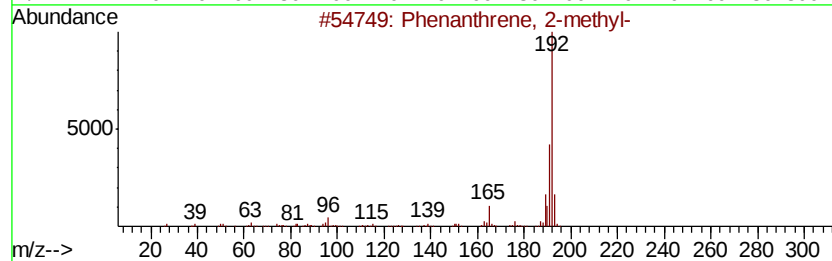
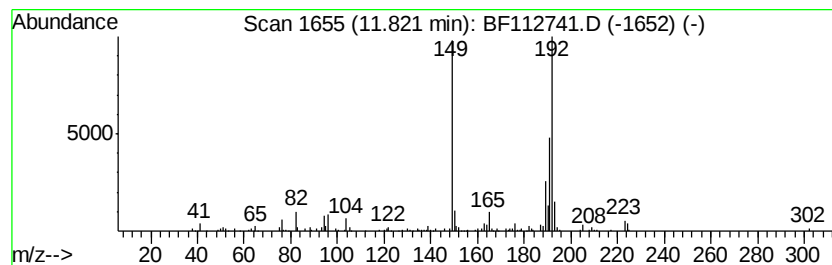
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BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 13

| R.T.      | EstConc                 | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------|--------|------------------|-------------|------|
| 11.82     | 2.69 ng                 | 198683 | Phenanthrene-d10 | 11.24       |      |
| Hit# of 5 | Tentative ID            | MW     | MolForm          | CAS#        | Qual |
| 1         | Phenanthrene, 2-methyl- | 192    | C15H12           | 002531-84-2 | 91   |
| 2         | Phenanthrene, 1-methyl- | 192    | C15H12           | 000832-69-9 | 90   |
| 3         | Anthracene, 1-methyl-   | 192    | C15H12           | 000610-48-0 | 87   |
| 4         | Phenanthrene, 3-methyl- | 192    | C15H12           | 000832-71-3 | 70   |
| 5         | Anthracene, 9-methyl-   | 192    | C15H12           | 000779-02-2 | 70   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

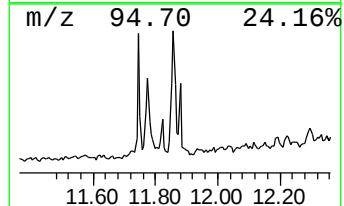
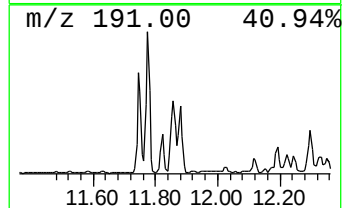
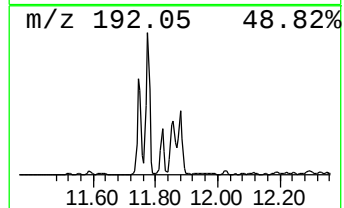
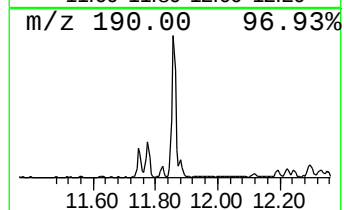
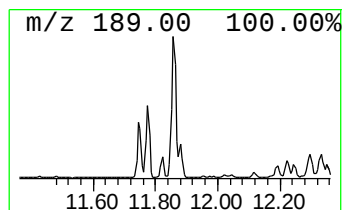
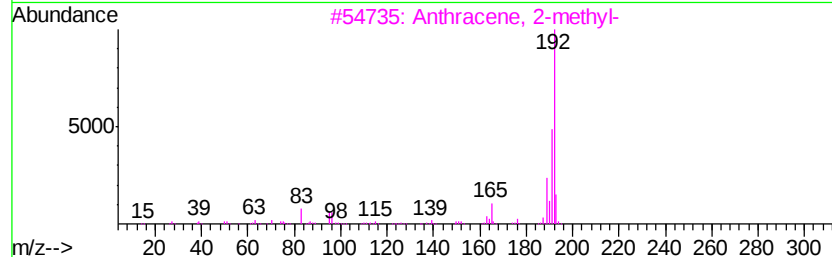
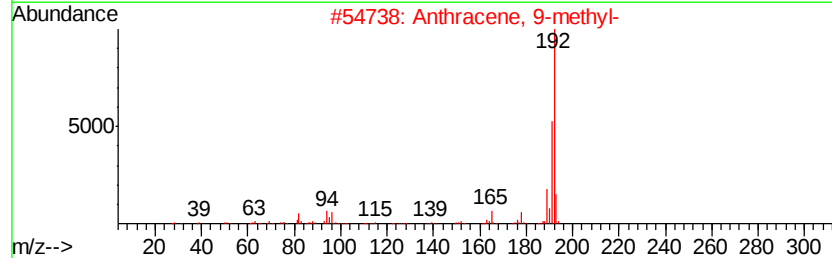
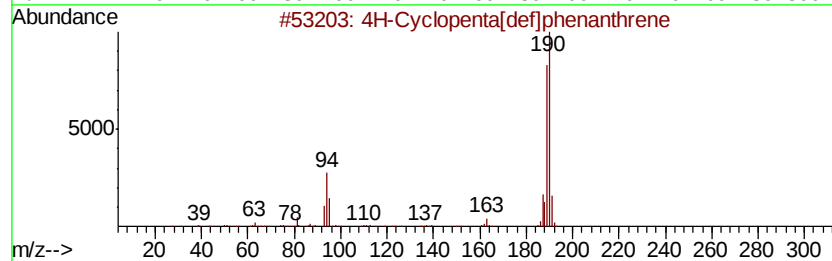
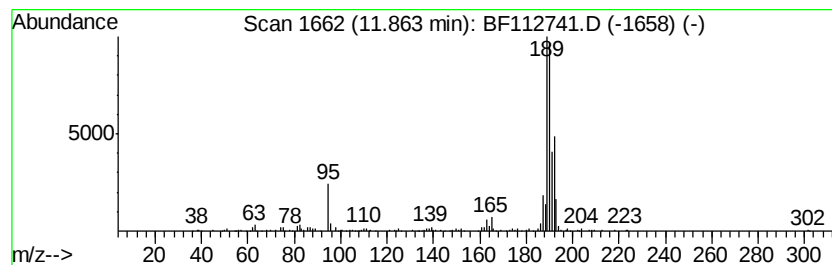
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.86 | 4.30 ng | 317564 | Phenanthrene-d10 | 11.24 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10  | 000203-64-5 | 70   |
| 2    |    | Anthracene, 9-methyl-          | 192 | C15H12  | 000779-02-2 | 25   |
| 3    |    | Anthracene, 2-methyl-          | 192 | C15H12  | 000613-12-7 | 25   |
| 4    |    | Phenanthrene, 4-methyl-        | 192 | C15H12  | 000832-64-4 | 25   |
| 5    |    | Phenanthrene, 2-methyl-        | 192 | C15H12  | 002531-84-2 | 20   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

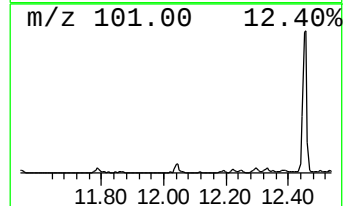
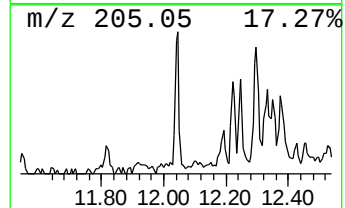
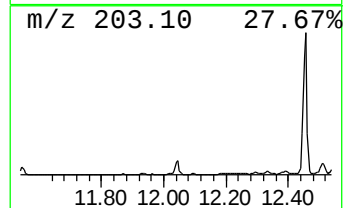
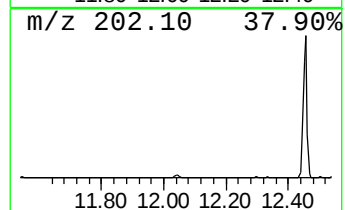
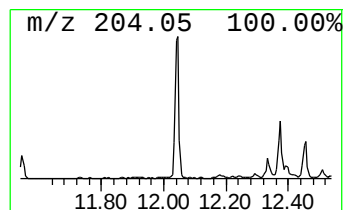
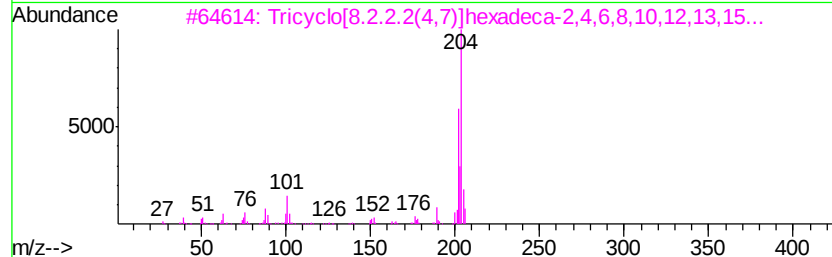
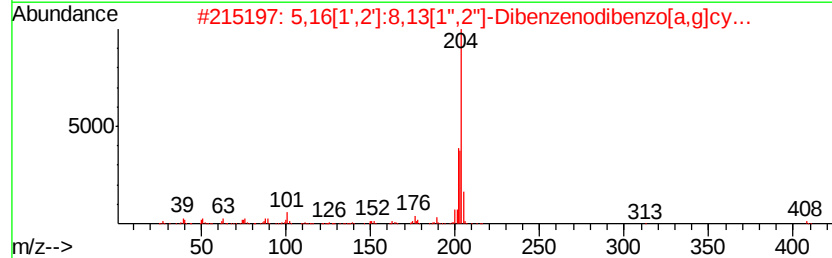
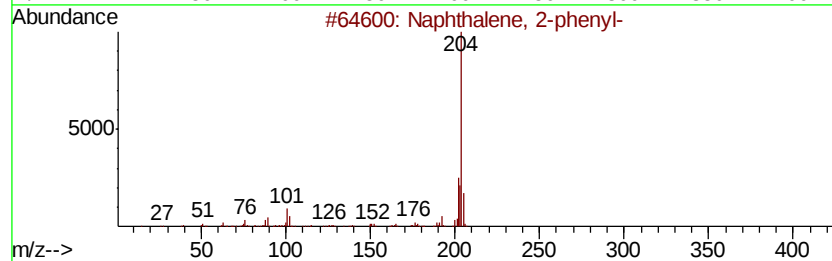
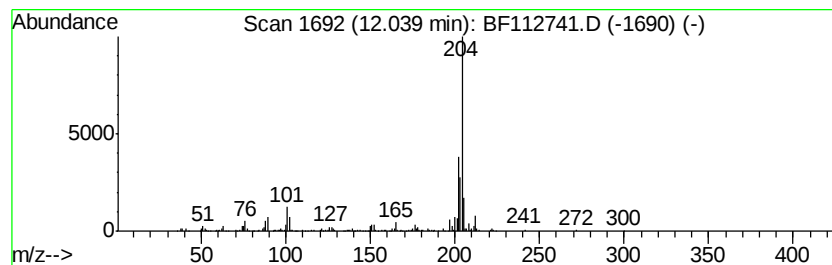
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.04 | 2.19 ng | 161973 | Phenanthrene-d10 | 11.24 |

| Hit# | of | Tentative ID                         | MW  | MolForm   | CAS#        | Qual |
|------|----|--------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Naphthalene, 2-phenyl-               | 204 | C16H12    | 000612-94-2 | 92   |
| 2    |    | 5,16[1',2'] :8,13[1'',2'']-Dibenz... | 408 | C32H24    | 005672-97-9 | 87   |
| 3    |    | Tricyclo[8.2.2.2(4,7)]hexadeca-2...  | 204 | C16H12    | 006572-60-7 | 70   |
| 4    |    | 6-Phenylbenzocyclohepten-7-one       | 232 | C17H12O   | 093327-56-1 | 50   |
| 5    |    | 9,10-Bis(bromomethyl)anthracene      | 362 | C16H12Br2 | 034373-96-1 | 49   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

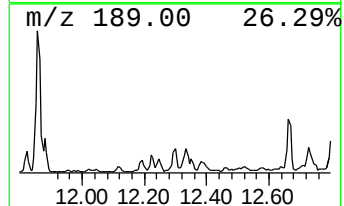
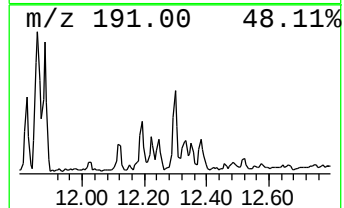
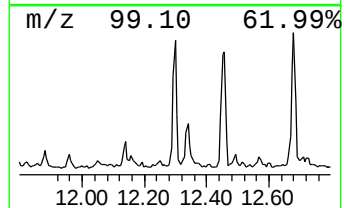
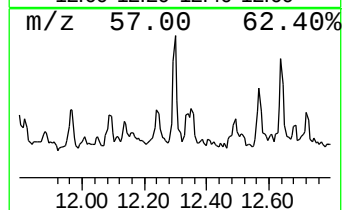
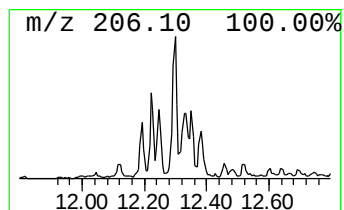
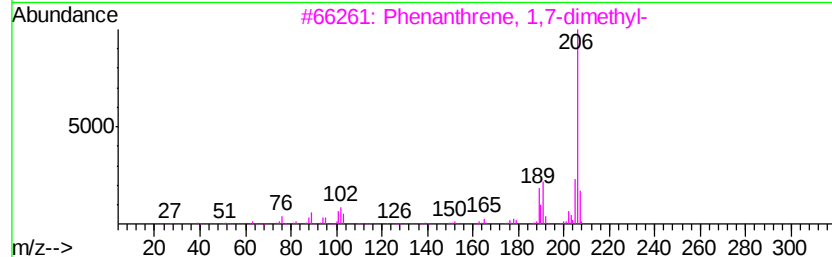
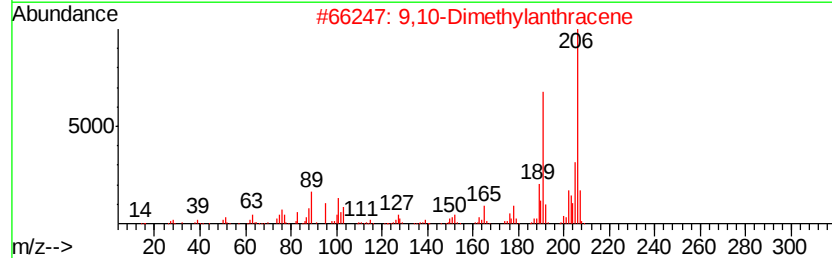
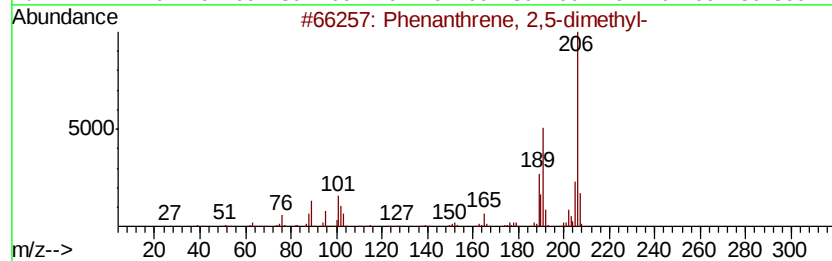
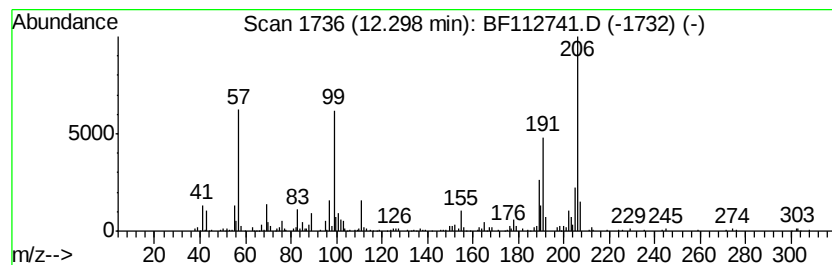
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.30 | 2.95 ng | 218088 | Phenanthrene-d10 | 11.24 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2,5-dimethyl-       | 206 | C16H14  | 003674-66-6 | 96   |
| 2    |    |   | 9,10-Dimethylantracene            | 206 | C16H14  | 000781-43-1 | 86   |
| 3    |    |   | Phenanthrene, 1,7-dimethyl-       | 206 | C16H14  | 000483-87-4 | 83   |
| 4    |    |   | Phenanthrene, 2,3-dimethyl-       | 206 | C16H14  | 003674-65-5 | 76   |
| 5    |    |   | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14  | 086544-79-8 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

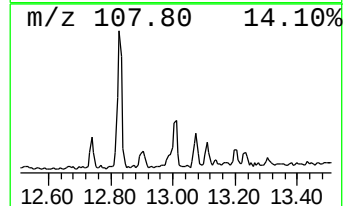
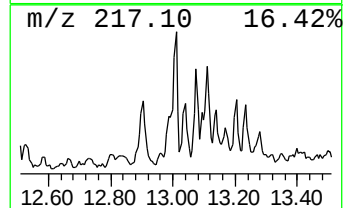
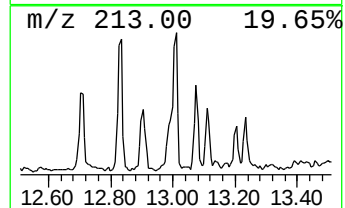
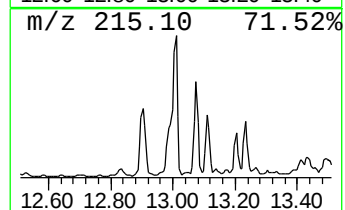
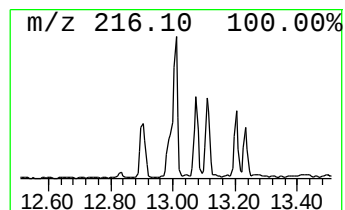
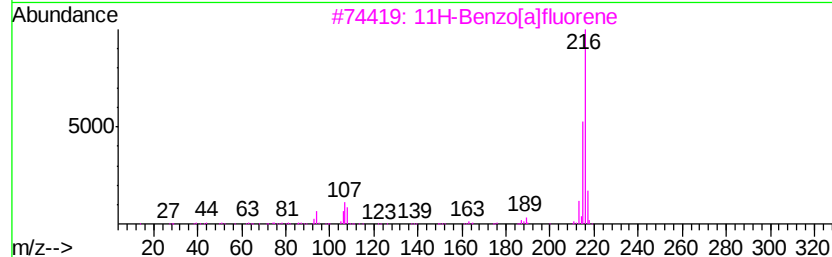
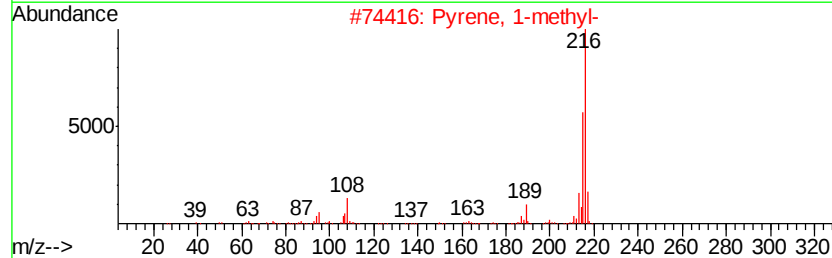
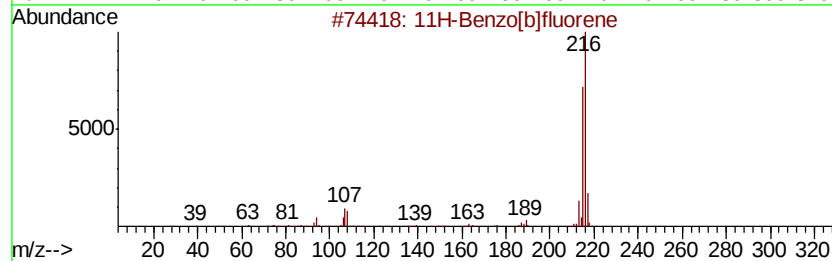
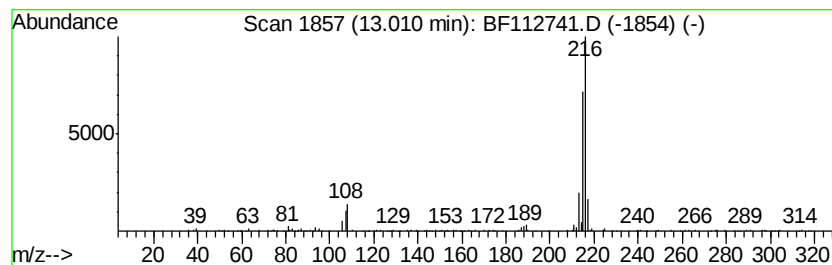
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.01 | 2.05 ng | 234754 | Chrysene-d12     | 13.87 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 93   |
| 2    |    | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 91   |
| 3    |    | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 90   |
| 4    |    | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 87   |
| 5    |    | Pyrene, 2-methyl-       | 216 | C17H12  | 003442-78-2 | 78   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

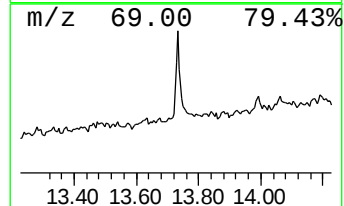
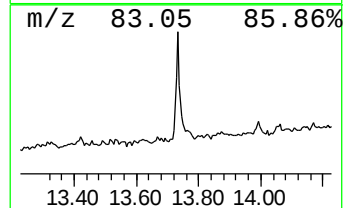
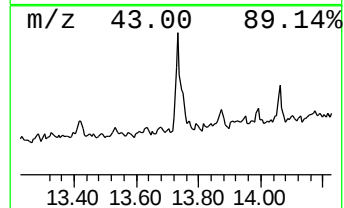
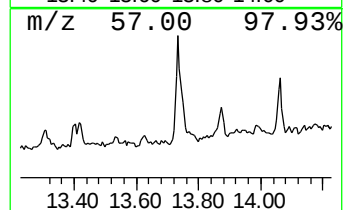
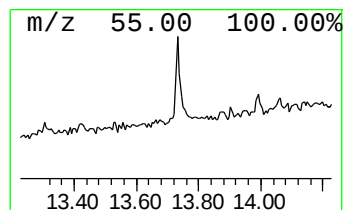
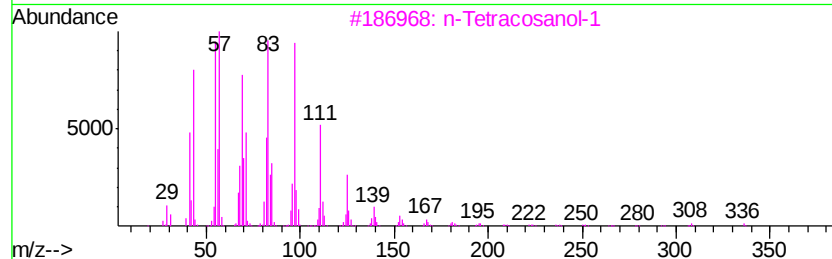
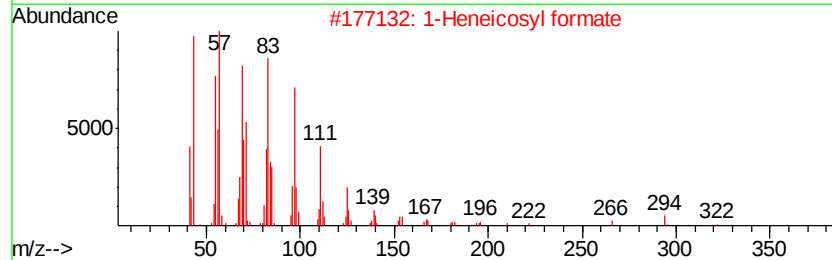
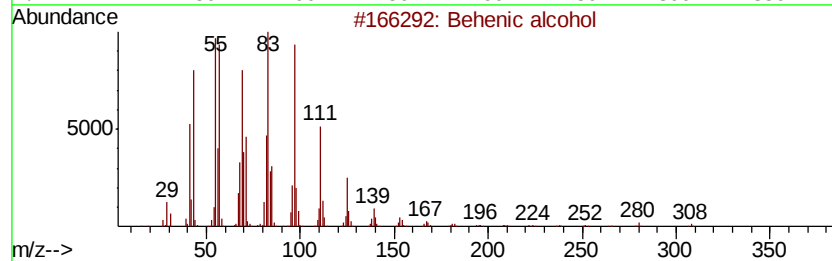
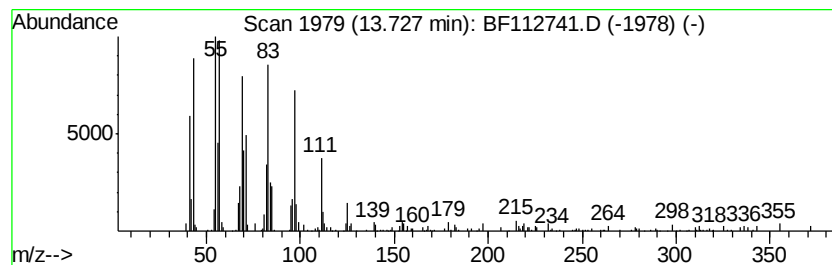
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Behenic alcohol Concentration Rank 17

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.73 | 2.24 ng | 256054 | Chrysene-d12     | 13.87 |

| Hit# | of | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------|-----|----------|-------------|------|
| 1    | 5  | Behenic alcohol      | 326 | C22H46O  | 000661-19-8 | 95   |
| 2    |    | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94   |
| 3    |    | n-Tetracosanol-1     | 354 | C24H50O  | 000506-51-4 | 94   |
| 4    |    | 1-Heneicosanol       | 312 | C21H44O  | 015594-90-8 | 91   |
| 5    |    | 1-Nonadecene         | 266 | C19H38   | 018435-45-5 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112741.D  
Acq On : 28 Feb 2019 1:42  
Operator : JU/SJ  
Sample : K1595-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

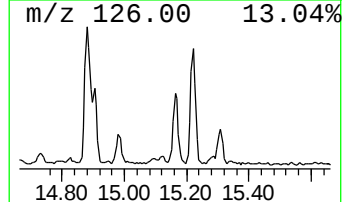
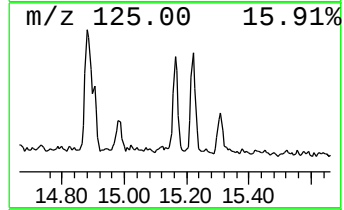
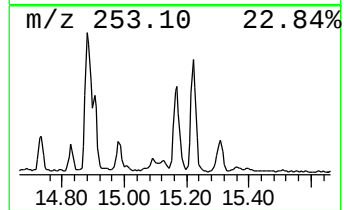
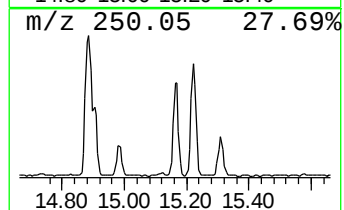
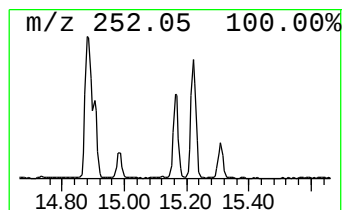
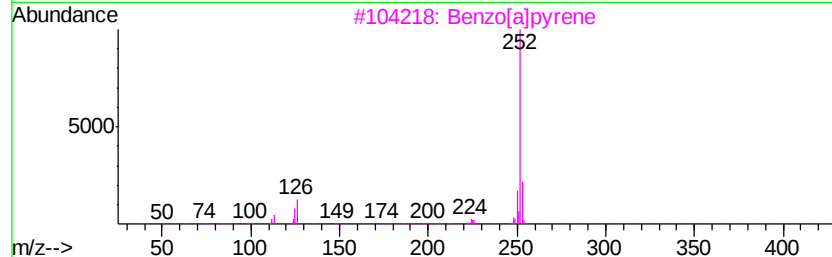
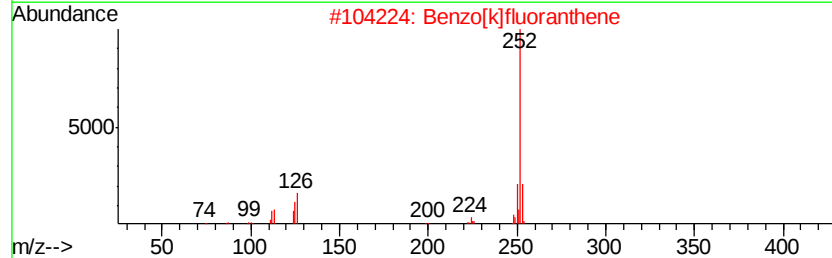
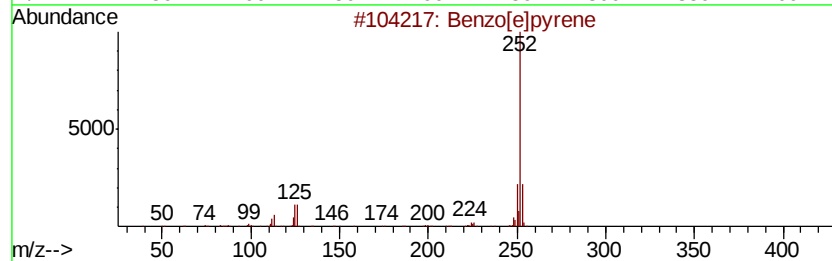
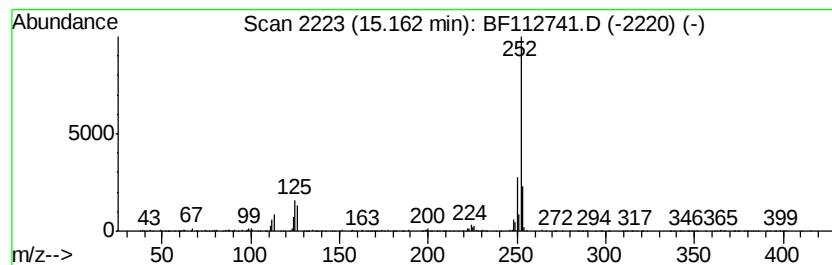
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.16 | 9.02 ng | 423473 | Perylene-d12     | 15.28 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 99   |
| 2    |    | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 96   |
| 3    |    | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 96   |
| 4    |    | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 93   |
| 5    |    | Benzo[j]fluoranthene      | 252 | C20H12  | 000205-82-3 | 89   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF022719\  
 Data File : BF112741.D  
 Acq On : 28 Feb 2019 1:42  
 Operator : JU/SJ  
 Sample : K1595-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-E-WALL-GRADE-BEAM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.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 |
| unknown6.51          | 6.51  | 66.5    | ng    | 4007490  | 1                     | 6.74  | 1205660 | 20.0 |
| Decane               | 6.59  | 2.4     | ng    | 145696   | 1                     | 6.74  | 1205660 | 20.0 |
| Tridecane            | 7.36  | 2.1     | ng    | 129022   | 1                     | 6.74  | 1205660 | 20.0 |
| 2,4-Dimethylthiop... | 7.60  | 3.9     | ng    | 303218   | 2                     | 8.02  | 1558640 | 20.0 |
| o-Cymene             | 8.24  | 2.9     | ng    | 224467   | 2                     | 8.02  | 1558640 | 20.0 |
| Benzene, 1-methyl... | 8.30  | 3.4     | ng    | 260835   | 2                     | 8.02  | 1558640 | 20.0 |
| Anthracene, 1-met... | 11.74 | 3.1     | ng    | 226708   | 4                     | 11.24 | 1477260 | 20.0 |
| n-Hexadecanoic acid  | 11.79 | 9.8     | ng    | 726857   | 4                     | 11.24 | 1477260 | 20.0 |
| Phenanthrene, 2-m... | 11.82 | 2.7     | ng    | 198683   | 4                     | 11.24 | 1477260 | 20.0 |
| 4H-Cyclopenta[def... | 11.86 | 4.3     | ng    | 317564   | 4                     | 11.24 | 1477260 | 20.0 |
| Naphthalene, 2-ph... | 12.04 | 2.2     | ng    | 161973   | 4                     | 11.24 | 1477260 | 20.0 |
| Phenanthrene, 2,5... | 12.30 | 3.0     | ng    | 218088   | 4                     | 11.24 | 1477260 | 20.0 |
| 11H-Benzo[b]fluorene | 13.01 | 2.0     | ng    | 234754   | 5                     | 13.87 | 2285180 | 20.0 |
| Behenic alcohol      | 13.73 | 2.2     | ng    | 256054   | 5                     | 13.87 | 2285180 | 20.0 |
| Benzo[e]pyrene       | 15.16 | 9.0     | ng    | 423473   | 6                     | 15.28 | 938979  | 20.0 |