

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
 Data File : BF120478.D  
 Acq On : 1 Jun 2020 18:28  
 Operator : JU/CG  
 Sample : L2503-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-052820

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-BF052820.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         | 1.963       | 10            | 13          | 19           | rBV      | 168782         | 197975        | 3.92%           | 0.366%        |
| 2         | 2.081       | 27            | 33          | 45           | rVB      | 1532387        | 1940808       | 38.40%          | 3.590%        |
| 3         | 5.463       | 603           | 608         | 611          | rBV      | 4355494        | 4350629       | 86.07%          | 8.048%        |
| 4         | 6.475       | 775           | 780         | 783          | rBV      | 3801901        | 4452900       | 88.09%          | 8.237%        |
| 5         | 6.839       | 839           | 842         | 846          | rBV      | 1503425        | 1247033       | 24.67%          | 2.307%        |
| 6         | 6.998       | 865           | 869         | 872          | rBV      | 4417449        | 3825136       | 75.67%          | 7.076%        |
| 7         | 7.404       | 933           | 938         | 941          | rBV      | 3180545        | 2898539       | 57.34%          | 5.362%        |
| 8         | 8.122       | 1056          | 1060        | 1063         | rBV      | 1978003        | 1539379       | 30.45%          | 2.848%        |
| 9         | 9.198       | 1239          | 1243        | 1246         | rBV      | 5477030        | 5054690       | 100.00%         | 9.350%        |
| 10        | 9.592       | 1306          | 1310        | 1313         | rBV      | 629555         | 541066        | 10.70%          | 1.001%        |
| 11        | 9.739       | 1331          | 1335        | 1339         | rBV      | 114459         | 111014        | 2.20%           | 0.205%        |
| 12        | 9.880       | 1355          | 1359        | 1362         | rVV      | 1751945        | 1572916       | 31.12%          | 2.910%        |
| 13        | 9.910       | 1362          | 1364        | 1367         | rVB      | 123890         | 92777         | 1.84%           | 0.172%        |
| 14        | 10.080      | 1389          | 1393        | 1397         | rVB      | 57539          | 62525         | 1.24%           | 0.116%        |
| 15        | 10.422      | 1448          | 1451        | 1457         | rBV2     | 105587         | 108271        | 2.14%           | 0.200%        |
| 16        | 10.663      | 1488          | 1492        | 1496         | rBV      | 2836797        | 2803313       | 55.46%          | 5.185%        |
| 17        | 10.792      | 1510          | 1514        | 1520         | rVB3     | 87065          | 127736        | 2.53%           | 0.236%        |
| 18        | 11.257      | 1591          | 1593        | 1599         | rVB      | 91490          | 101978        | 2.02%           | 0.189%        |
| 19        | 11.363      | 1607          | 1611        | 1613         | rBV      | 1756582        | 1447426       | 28.64%          | 2.677%        |
| 20        | 11.386      | 1613          | 1615        | 1618         | rVV      | 1027218        | 763807        | 15.11%          | 1.413%        |
| 21        | 11.439      | 1618          | 1624        | 1626         | rVB      | 303613         | 291383        | 5.76%           | 0.539%        |
| 22        | 11.863      | 1693          | 1696        | 1698         | rBV      | 138981         | 111297        | 2.20%           | 0.206%        |
| 23        | 11.892      | 1698          | 1701        | 1704         | rVV      | 247673         | 206357        | 4.08%           | 0.382%        |
| 24        | 11.939      | 1706          | 1709        | 1711         | rVV      | 110761         | 94419         | 1.87%           | 0.175%        |
| 25        | 11.974      | 1712          | 1715        | 1718         | rVV      | 297723         | 333492        | 6.60%           | 0.617%        |
| 26        | 11.998      | 1718          | 1719        | 1723         | rVB      | 119494         | 70318         | 1.39%           | 0.130%        |
| 27        | 12.157      | 1744          | 1746        | 1748         | rBV      | 108376         | 95171         | 1.88%           | 0.176%        |
| 28        | 12.180      | 1748          | 1750        | 1754         | rVB2     | 86224          | 73652         | 1.46%           | 0.136%        |
| 29        | 12.416      | 1786          | 1790        | 1792         | rBV      | 137161         | 147475        | 2.92%           | 0.273%        |
| 30        | 12.451      | 1793          | 1796        | 1798         | rVV      | 111018         | 123188        | 2.44%           | 0.228%        |
| 31        | 12.498      | 1801          | 1804        | 1809         | rVB      | 117501         | 120085        | 2.38%           | 0.222%        |
| 32        | 12.574      | 1814          | 1817        | 1821         | rVB      | 2100444        | 1878827       | 37.17%          | 3.475%        |
| 33        | 12.727      | 1841          | 1843        | 1847         | rBV2     | 60507          | 57987         | 1.15%           | 0.107%        |
| 34        | 12.804      | 1850          | 1856        | 1862         | rBV      | 1876605        | 2076559       | 41.08%          | 3.841%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
 Data File : BF120478.D  
 Acq On : 1 Jun 2020 18:28  
 Operator : JU/CG  
 Sample : L2503-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-052820

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-BF052820.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.851 | 1862 | 1864 | 1869 | rVB2 | 80314   | 109949  | 2.18%  | 0.203% |
| 36 | 12.921 | 1873 | 1876 | 1877 | rBV2 | 117818  | 92995   | 1.84%  | 0.172% |
| 37 | 12.951 | 1877 | 1881 | 1884 | rVB  | 4566638 | 4144373 | 81.99% | 7.666% |
| 38 | 13.027 | 1889 | 1894 | 1897 | rBV2 | 142067  | 226577  | 4.48%  | 0.419% |
| 39 | 13.110 | 1905 | 1908 | 1909 | rBV2 | 115536  | 115591  | 2.29%  | 0.214% |
| 40 | 13.133 | 1909 | 1912 | 1915 | rVB  | 323111  | 290457  | 5.75%  | 0.537% |
| 41 | 13.198 | 1921 | 1923 | 1926 | rVB  | 205217  | 147373  | 2.92%  | 0.273% |
| 42 | 13.239 | 1926 | 1930 | 1932 | rBV2 | 210956  | 235893  | 4.67%  | 0.436% |
| 43 | 13.292 | 1937 | 1939 | 1943 | rVV3 | 57862   | 82937   | 1.64%  | 0.153% |
| 44 | 13.327 | 1943 | 1945 | 1948 | rVV  | 116732  | 106691  | 2.11%  | 0.197% |
| 45 | 13.357 | 1948 | 1950 | 1954 | rVV2 | 119875  | 113143  | 2.24%  | 0.209% |
| 46 | 13.639 | 1995 | 1998 | 2002 | rVB  | 146369  | 149062  | 2.95%  | 0.276% |
| 47 | 13.780 | 2020 | 2022 | 2024 | rBV  | 149167  | 102123  | 2.02%  | 0.189% |
| 48 | 13.804 | 2024 | 2026 | 2030 | rVV2 | 134308  | 155940  | 3.09%  | 0.288% |
| 49 | 13.857 | 2031 | 2035 | 2043 | rVB2 | 425982  | 632589  | 12.51% | 1.170% |
| 50 | 14.004 | 2055 | 2060 | 2062 | rBV2 | 1738551 | 2443526 | 48.34% | 4.520% |
| 51 | 14.027 | 2062 | 2064 | 2067 | rVB  | 950839  | 771577  | 15.26% | 1.427% |
| 52 | 14.110 | 2075 | 2078 | 2080 | rBV  | 211103  | 151300  | 2.99%  | 0.280% |
| 53 | 14.392 | 2123 | 2126 | 2129 | rVB  | 189335  | 180198  | 3.56%  | 0.333% |
| 54 | 14.421 | 2129 | 2131 | 2134 | rBV  | 131357  | 109857  | 2.17%  | 0.203% |
| 55 | 15.039 | 2232 | 2236 | 2239 | rBV  | 926381  | 1351926 | 26.75% | 2.501% |
| 56 | 15.145 | 2252 | 2254 | 2259 | rVB  | 186721  | 178624  | 3.53%  | 0.330% |
| 57 | 15.339 | 2284 | 2287 | 2293 | rVB  | 527745  | 655541  | 12.97% | 1.213% |
| 58 | 15.404 | 2294 | 2298 | 2304 | rBV  | 716267  | 901610  | 17.84% | 1.668% |
| 59 | 15.462 | 2304 | 2308 | 2311 | rBV  | 866690  | 1114305 | 22.04% | 2.061% |
| 60 | 16.915 | 2551 | 2555 | 2564 | rVB2 | 311005  | 576369  | 11.40% | 1.066% |

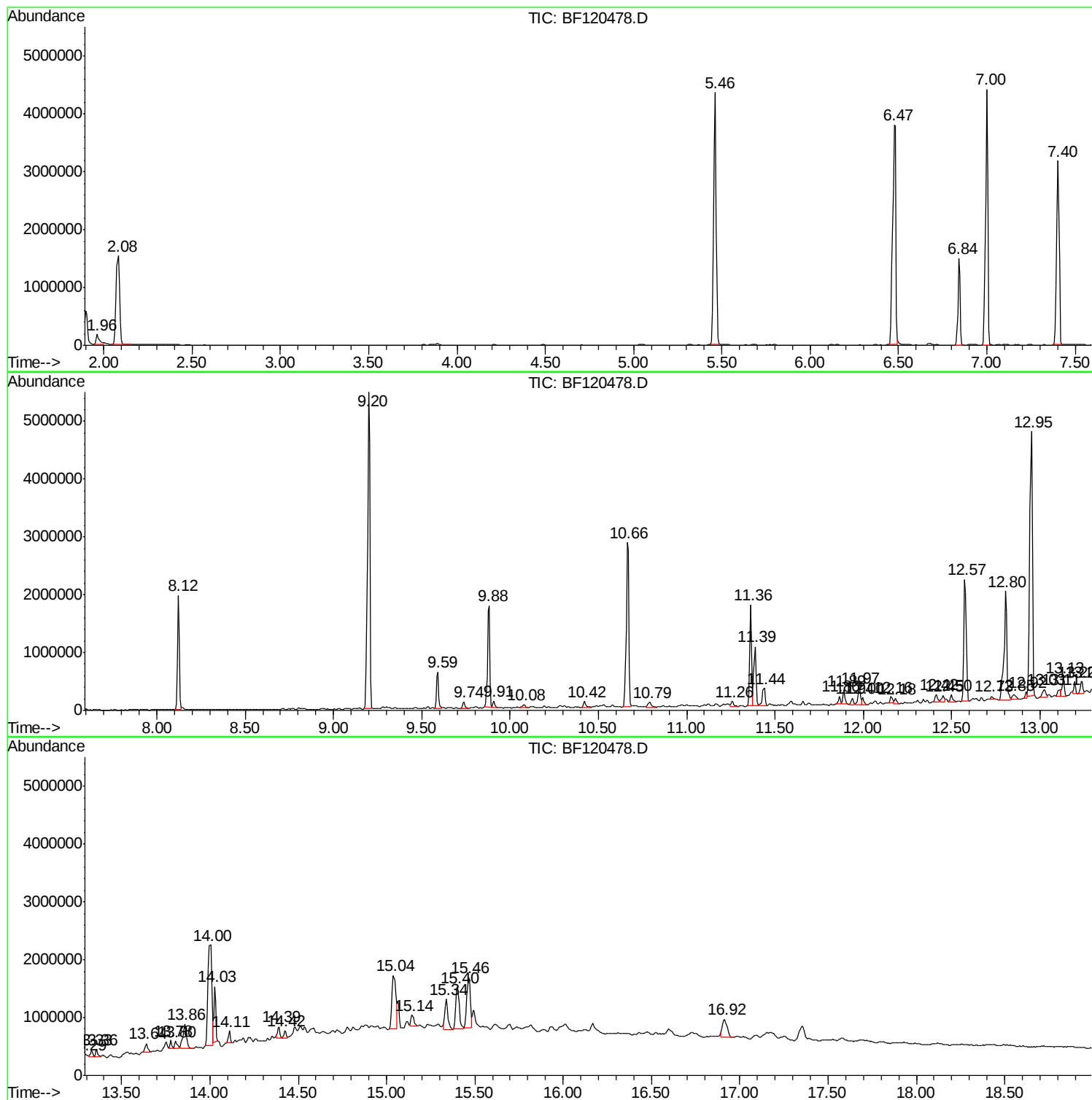
Sum of corrected areas: 54060654

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
Data File : BF120478.D  
Acq On : 1 Jun 2020 18:28  
Operator : JU/CG  
Sample : L2503-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
OR-03-052820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.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\BF060120\  
Data File : BF120478.D  
Acq On : 1 Jun 2020 18:28  
Operator : JU/CG  
Sample : L2503-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleID :  
OR-03-052820

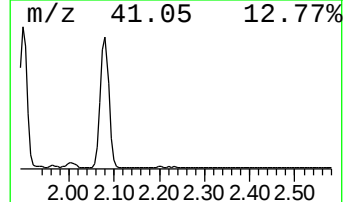
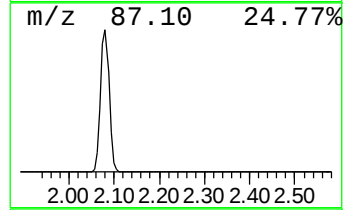
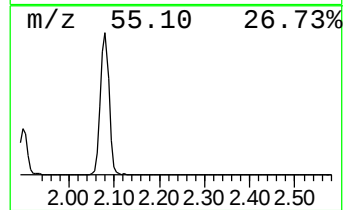
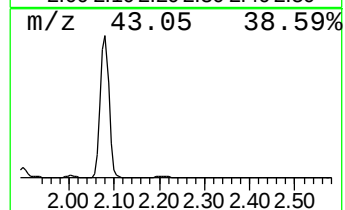
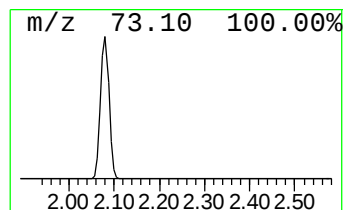
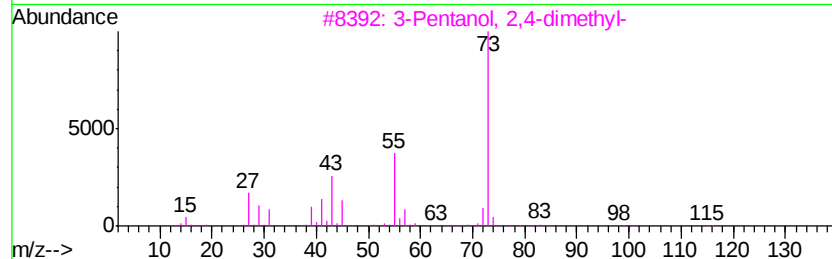
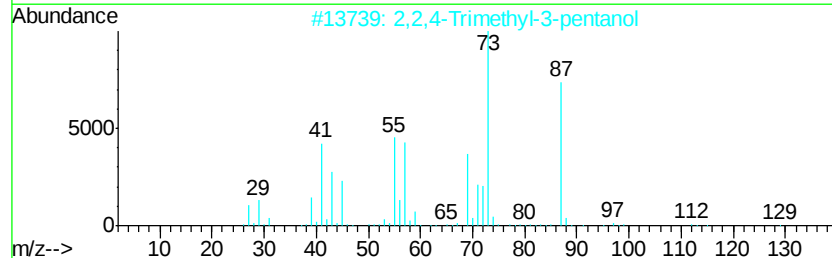
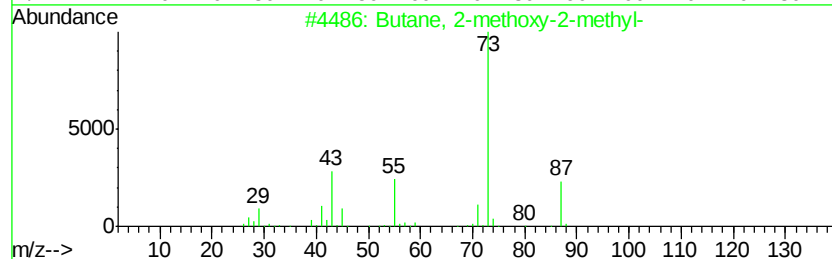
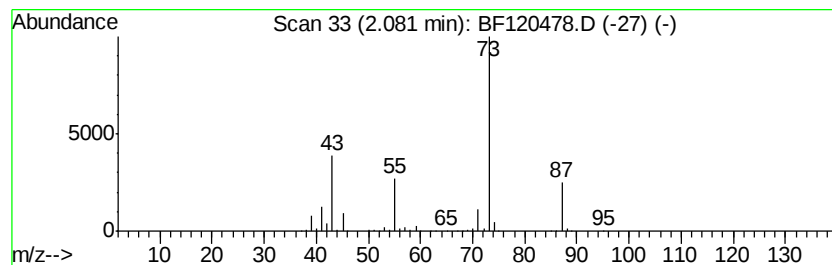
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 2.08 | 31.13 ng | 1940810 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 4    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 27   |
| 5    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
Data File : BF120478.D  
Acq On : 1 Jun 2020 18:28  
Operator : JU/CG  
Sample : L2503-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-052820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

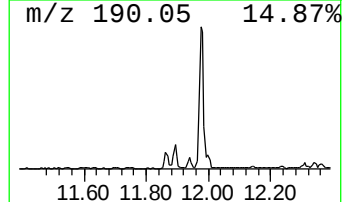
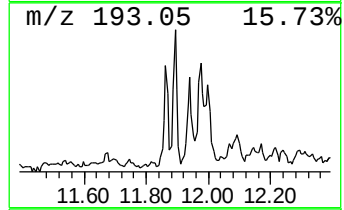
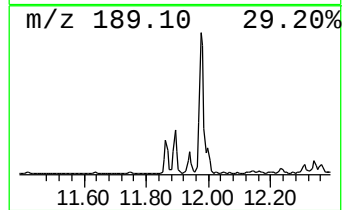
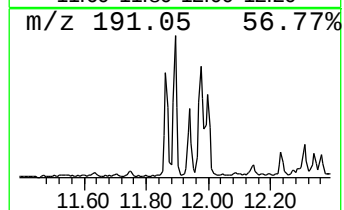
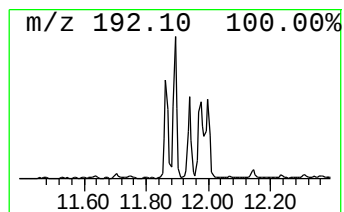
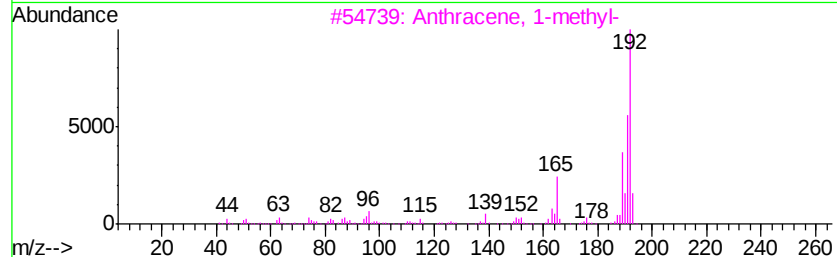
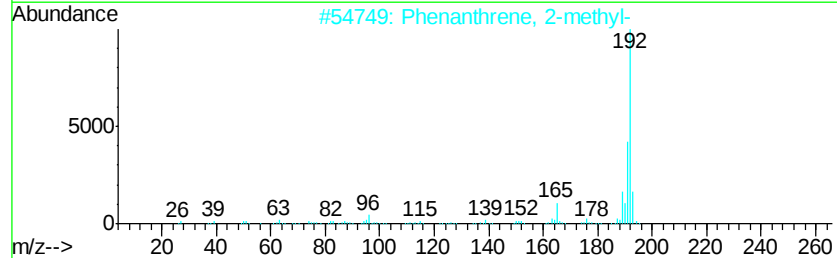
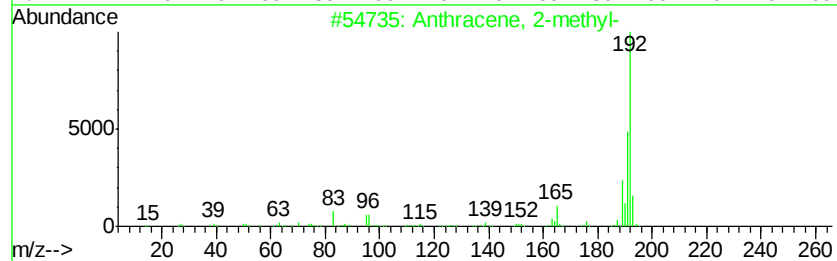
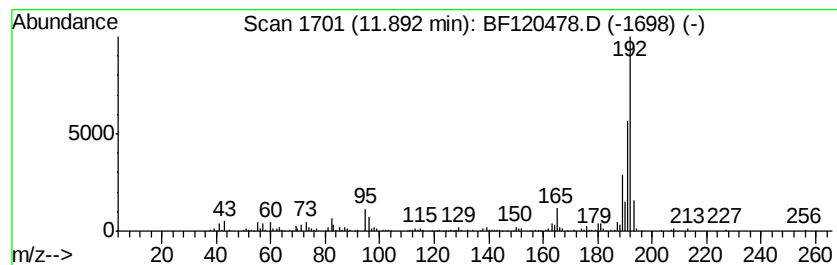
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.89 | 2.85 ng | 206357 | Phenanthrene-d10 | 11.36 |

| Hit# | of | Tentative ID                          | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Anthracene, 2-methyl-                 | 192 | C15H12  | 000613-12-7 | 97   |
| 2    |    | Phenanthrene, 2-methyl-               | 192 | C15H12  | 002531-84-2 | 96   |
| 3    |    | Anthracene, 1-methyl-                 | 192 | C15H12  | 000610-48-0 | 95   |
| 4    |    | 1H-Cyclopropa[1]phenanthrene, 1a, ... | 192 | C15H12  | 000949-41-7 | 94   |
| 5    |    | Phenanthrene, 1-methyl-               | 192 | C15H12  | 000832-69-9 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
Data File : BF120478.D  
Acq On : 1 Jun 2020 18:28  
Operator : JU/CG  
Sample : L2503-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

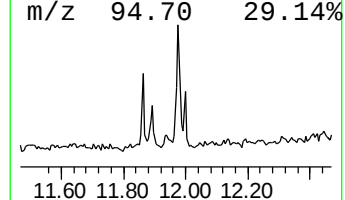
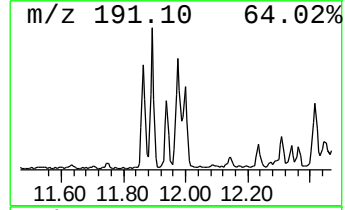
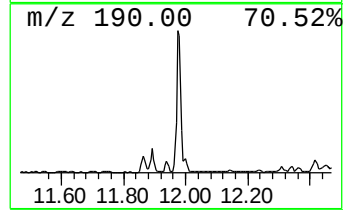
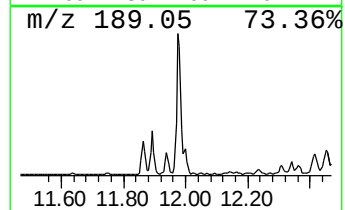
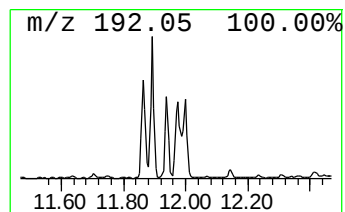
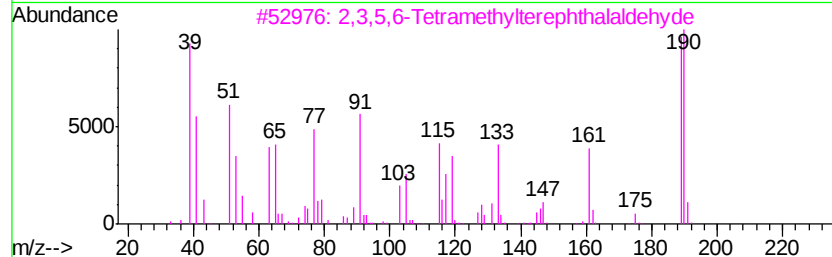
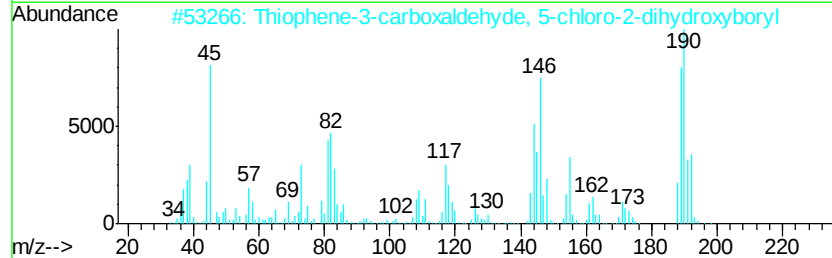
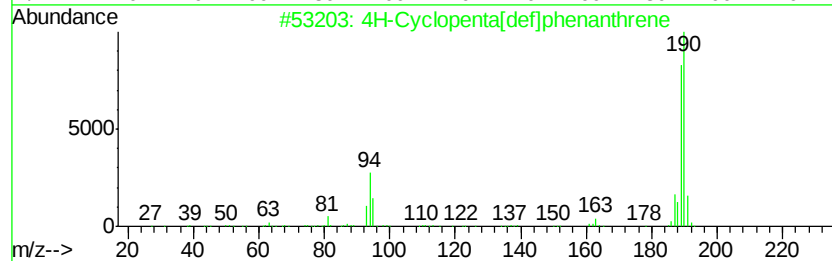
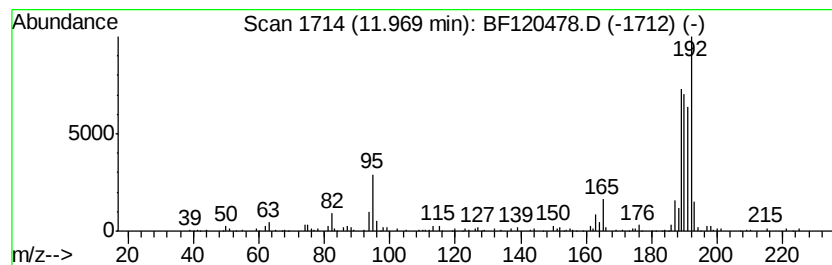
Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-052820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 11.97     | 4.61 ng                             | 333492 | Phenanthrene-d10 | 11.36       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 4H-Cyclopenta[def]phenanthrene      | 190    | C15H10           | 000203-64-5 | 92   |
| 2         | Thiophene-3-carboxaldehyde, 5-ch... | 190    | C5H4BClO3S       | 036155-87-0 | 50   |
| 3         | 2,3,5,6-Tetramethylterephthalald... | 190    | C12H14O2         | 007072-01-7 | 43   |
| 4         | 5H-Dibenzo[a,d]cycloheptene         | 192    | C15H12           | 000256-81-5 | 25   |
| 5         | Phenanthrene, 4-methyl-             | 192    | C15H12           | 000832-64-4 | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
Data File : BF120478.D  
Acq On : 1 Jun 2020 18:28  
Operator : JU/CG  
Sample : L2503-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-052820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

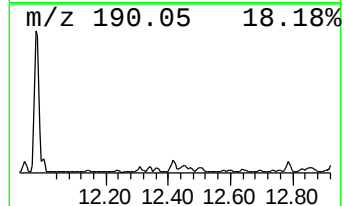
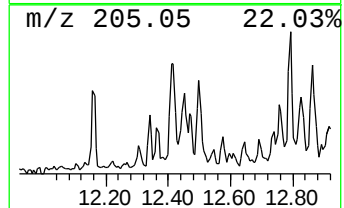
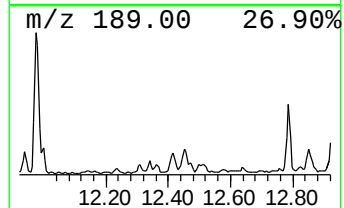
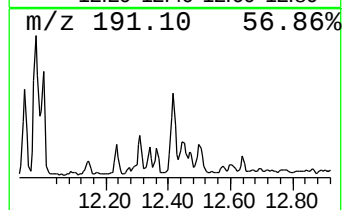
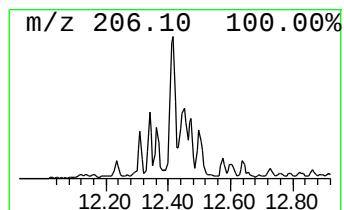
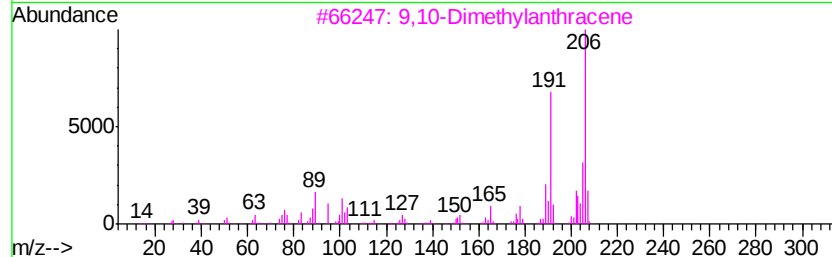
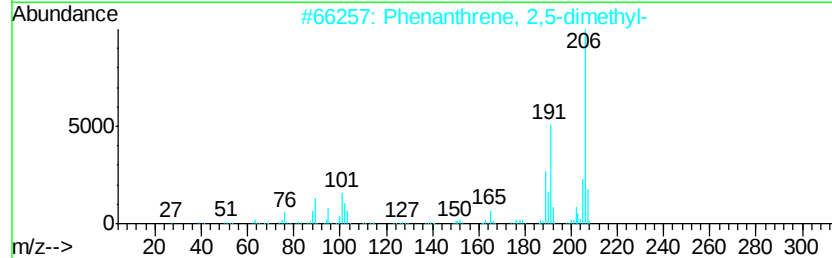
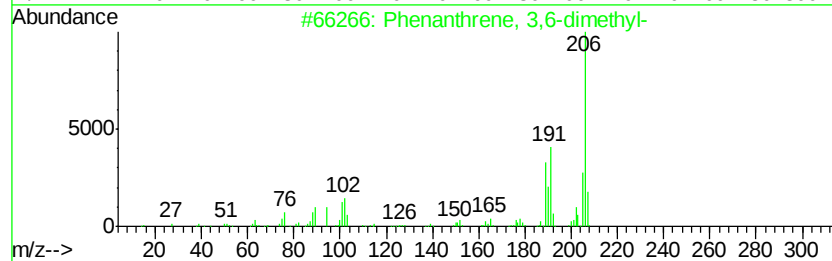
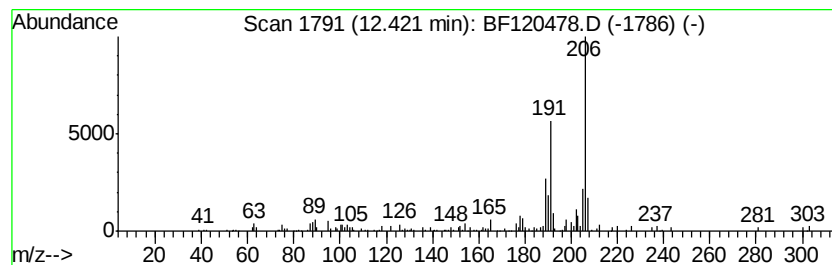
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.42 | 2.04 ng | 147475 | Phenanthrene-d10 | 11.36 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Phenanthrene, 3,6-dimethyl- | 206 | C16H14  | 001576-67-6 | 93   |
| 2    |    | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6 | 93   |
| 3    |    | 9,10-Dimethylantracene      | 206 | C16H14  | 000781-43-1 | 91   |
| 4    |    | Phenanthrene, 2,3-dimethyl- | 206 | C16H14  | 003674-65-5 | 90   |
| 5    |    | Anthracene, 1,4-dimethyl-   | 206 | C16H14  | 000781-92-0 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
Data File : BF120478.D  
Acq On : 1 Jun 2020 18:28  
Operator : JU/CG  
Sample : L2503-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-052820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

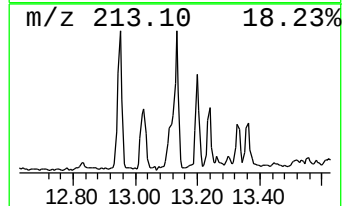
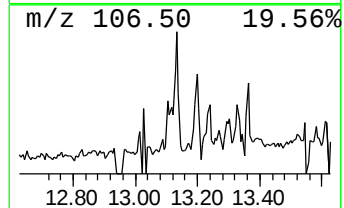
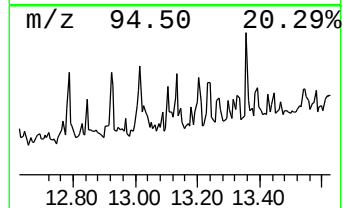
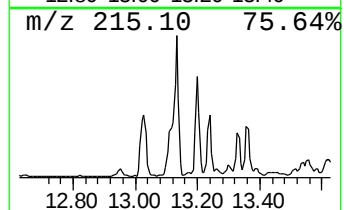
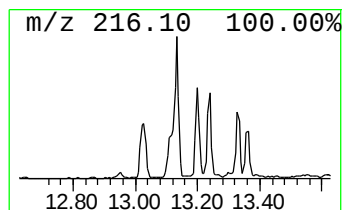
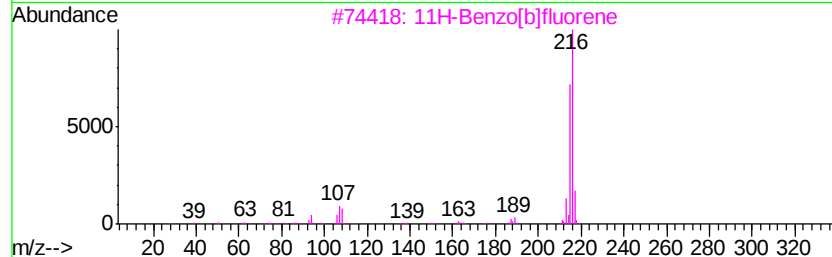
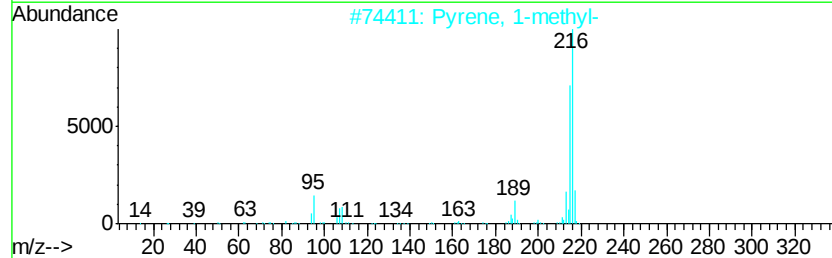
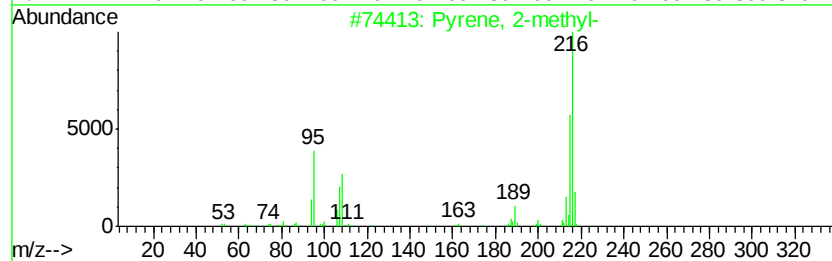
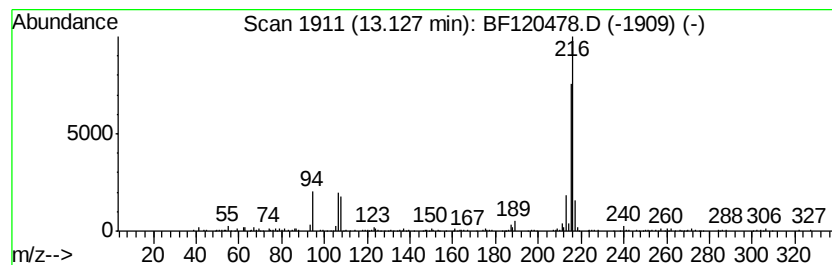
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Pyrene, 2-methyl- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.13 | 2.38 ng | 290457 | Chrysene-d12     | 14.00 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Pyrene, 2-methyl-    | 216 | C17H12  | 003442-78-2 | 91   |
| 2    |    | Pyrene, 1-methyl-    | 216 | C17H12  | 002381-21-7 | 87   |
| 3    |    | 11H-Benzo[b]fluorene | 216 | C17H12  | 000243-17-4 | 87   |
| 4    |    | 11H-Benzo[a]fluorene | 216 | C17H12  | 000238-84-6 | 83   |
| 5    |    | 7H-Benzo[c]fluorene  | 216 | C17H12  | 000205-12-9 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
Data File : BF120478.D  
Acq On : 1 Jun 2020 18:28  
Operator : JU/CG  
Sample : L2503-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-052820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

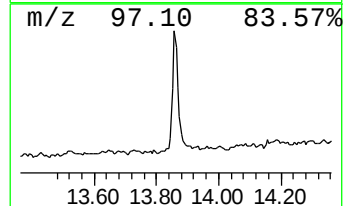
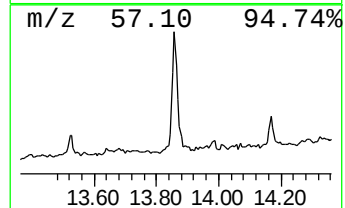
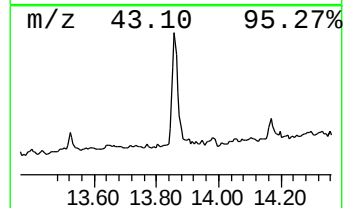
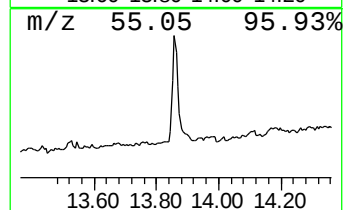
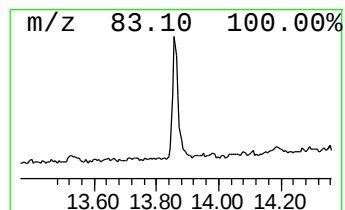
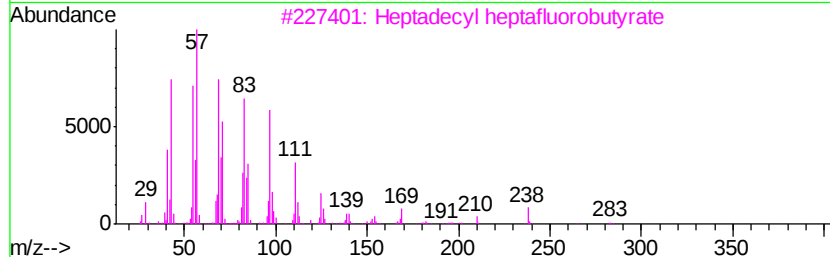
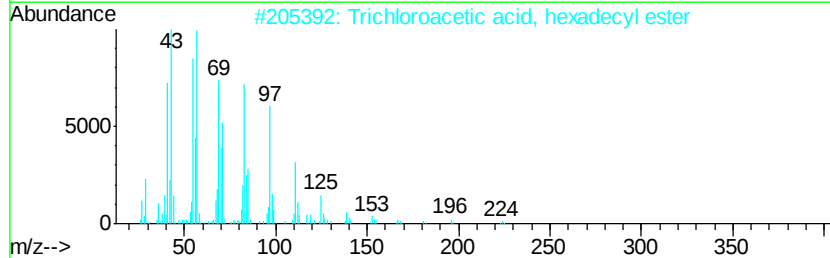
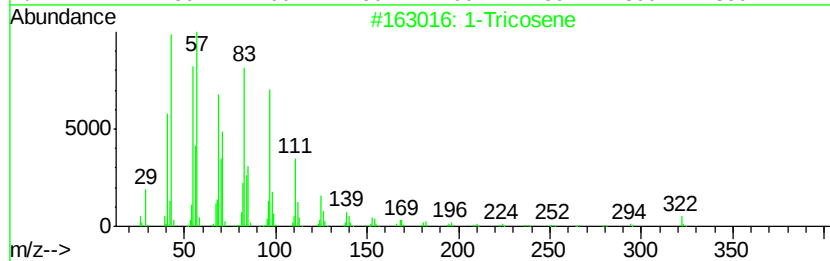
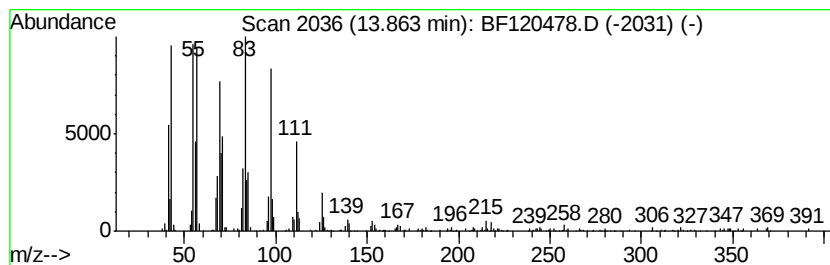
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 1-Tricosene Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.86 | 5.18 ng | 632589 | Chrysene-d12     | 14.00 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|-------------|-------------|------|
| 1       | 1-Tricosene                         |              | 322 | C23H46      | 018835-32-0 | 94   |
| 2       | Trichloroacetic acid, hexadecyl ... |              | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |
| 3       | Heptadecyl heptafluorobutyrate      |              | 452 | C21H35F7O2  | 959085-66-6 | 94   |
| 4       | Trichloroacetic acid, pentadecyl... |              | 372 | C17H31Cl3O2 | 074339-53-0 | 91   |
| 5       | Pentafluoropropionic acid, penta... |              | 374 | C18H31F5O2  | 959092-08-1 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
Data File : BF120478.D  
Acq On : 1 Jun 2020 18:28  
Operator : JU/CG  
Sample : L2503-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-052820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

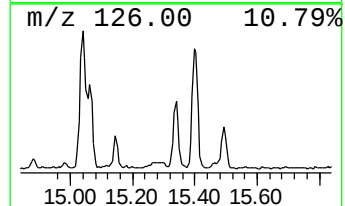
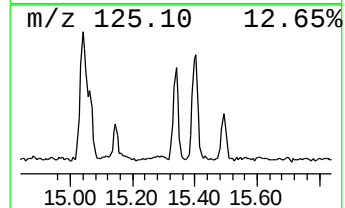
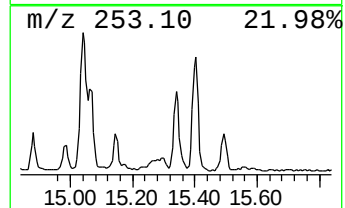
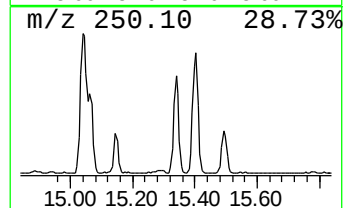
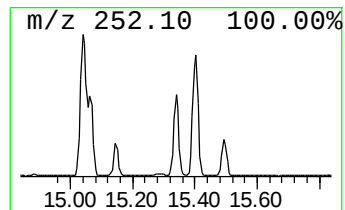
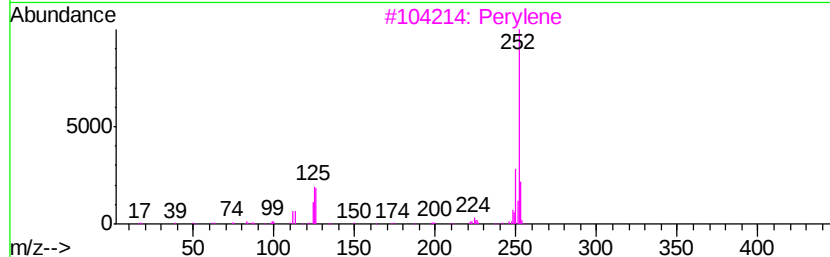
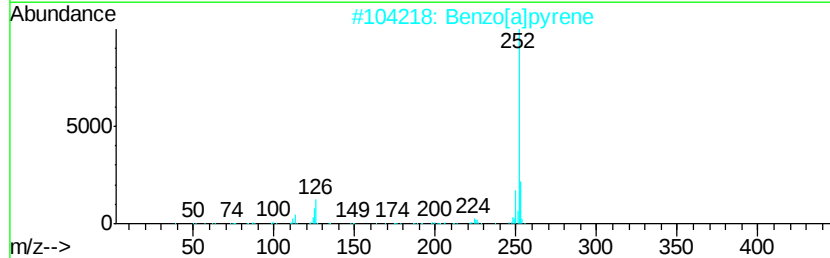
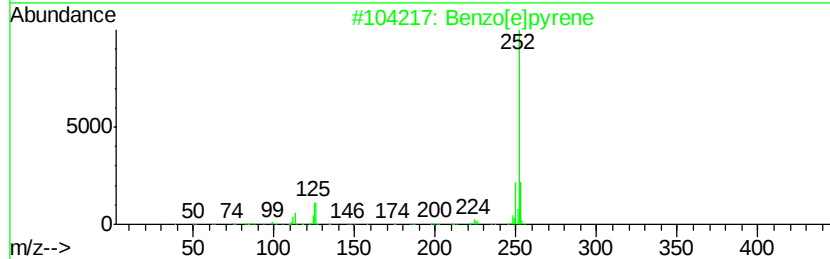
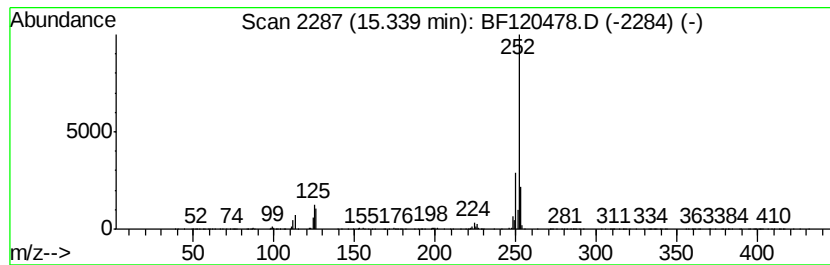
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Benzo[e]pyrene Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.34 | 11.77 ng | 655541 | Perylene-d12     | 15.46 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[e]pyrene           | 252 | C20H12  | 000192-97-2 | 99   |
| 2    |    | Benzo[a]pyrene           | 252 | C20H12  | 000050-32-8 | 96   |
| 3    |    | Perylene                 | 252 | C20H12  | 000198-55-0 | 95   |
| 4    |    | Benz[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 94   |
| 5    |    | Benzo[k]fluoranthene     | 252 | C20H12  | 000207-08-9 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060120\  
Data File : BF120478.D  
Acq On : 1 Jun 2020 18:28  
Operator : JU/CG  
Sample : L2503-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-052820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.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 |
| Butane, 2-methoxy... | 2.08  | 31.1    | ng    | 1940810  | 1                     | 6.84  | 1247030 | 20.0 |
| Anthracene, 2-met... | 11.89 | 2.9     | ng    | 206357   | 4                     | 11.36 | 1447430 | 20.0 |
| 4H-Cyclopenta[def... | 11.97 | 4.6     | ng    | 333492   | 4                     | 11.36 | 1447430 | 20.0 |
| Phenanthrene, 3,6... | 12.42 | 2.0     | ng    | 147475   | 4                     | 11.36 | 1447430 | 20.0 |
| Pyrene, 2-methyl-    | 13.13 | 2.4     | ng    | 290457   | 5                     | 14.00 | 2443530 | 20.0 |
| 1-Tricosene          | 13.86 | 5.2     | ng    | 632589   | 5                     | 14.00 | 2443530 | 20.0 |
| Benzo[e]pyrene       | 15.34 | 11.8    | ng    | 655541   | 6                     | 15.46 | 1114310 | 20.0 |