

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\  
 Data File : BF117712.D  
 Acq On : 7 Nov 2019 18:40  
 Operator : JU  
 Sample : K5723-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-B

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-BF110619.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         | 2.228       | 19            | 24          | 39           | rVB      | 1041187        | 1469009       | 27.56%          | 2.323%        |
| 2         | 3.452       | 229           | 232         | 251          | rBV      | 40057          | 85975         | 1.61%           | 0.136%        |
| 3         | 5.146       | 515           | 520         | 528          | rVB      | 897804         | 1062219       | 19.93%          | 1.680%        |
| 4         | 5.546       | 583           | 588         | 591          | rBV      | 5087972        | 4726364       | 88.67%          | 7.476%        |
| 5         | 6.545       | 753           | 758         | 763          | rBV      | 5147149        | 5164624       | 96.89%          | 8.169%        |
| 6         | 6.698       | 780           | 784         | 787          | rBV      | 5782665        | 5086029       | 95.42%          | 8.044%        |
| 7         | 6.934       | 820           | 824         | 827          | rBV      | 2270871        | 1753367       | 32.89%          | 2.773%        |
| 8         | 7.093       | 847           | 851         | 854          | rVB      | 4566024        | 3946317       | 74.04%          | 6.242%        |
| 9         | 7.492       | 914           | 919         | 922          | rBV      | 3677518        | 3086160       | 57.90%          | 4.881%        |
| 10        | 8.222       | 1038          | 1043        | 1046         | rBV      | 2568986        | 2332900       | 43.77%          | 3.690%        |
| 11        | 9.298       | 1221          | 1226        | 1229         | rBV      | 6202531        | 5330320       | 100.00%         | 8.431%        |
| 12        | 9.686       | 1289          | 1292        | 1295         | rBV      | 973516         | 727349        | 13.65%          | 1.150%        |
| 13        | 9.922       | 1326          | 1332        | 1335         | rBV      | 113815         | 105726        | 1.98%           | 0.167%        |
| 14        | 9.981       | 1338          | 1342        | 1345         | rVV      | 3267996        | 2681056       | 50.30%          | 4.241%        |
| 15        | 10.769      | 1471          | 1476        | 1479         | rBV      | 4216339        | 3663326       | 68.73%          | 5.794%        |
| 16        | 10.869      | 1490          | 1493        | 1496         | rBV      | 715315         | 559576        | 10.50%          | 0.885%        |
| 17        | 11.333      | 1565          | 1572        | 1576         | rBV4     | 48590          | 82818         | 1.55%           | 0.131%        |
| 18        | 11.469      | 1591          | 1595        | 1598         | rBV      | 3076554        | 2774518       | 52.05%          | 4.388%        |
| 19        | 11.492      | 1598          | 1599        | 1602         | rVV      | 409593         | 248422        | 4.66%           | 0.393%        |
| 20        | 11.539      | 1602          | 1607        | 1610         | rVB3     | 131075         | 151517        | 2.84%           | 0.240%        |
| 21        | 11.692      | 1629          | 1633        | 1636         | rBV      | 112458         | 100158        | 1.88%           | 0.158%        |
| 22        | 11.975      | 1678          | 1681        | 1682         | rBV      | 105504         | 104992        | 1.97%           | 0.166%        |
| 23        | 11.992      | 1682          | 1684        | 1689         | rVB2     | 520796         | 489314        | 9.18%           | 0.774%        |
| 24        | 12.080      | 1696          | 1699        | 1702         | rBV2     | 112533         | 137118        | 2.57%           | 0.217%        |
| 25        | 12.104      | 1702          | 1703        | 1708         | rVB      | 80819          | 65556         | 1.23%           | 0.104%        |
| 26        | 12.522      | 1771          | 1774        | 1777         | rBV2     | 85379          | 87118         | 1.63%           | 0.138%        |
| 27        | 12.563      | 1777          | 1781        | 1783         | rVV3     | 67969          | 80628         | 1.51%           | 0.128%        |
| 28        | 12.604      | 1786          | 1788        | 1793         | rVB2     | 77578          | 85174         | 1.60%           | 0.135%        |
| 29        | 12.686      | 1799          | 1802        | 1807         | rBV      | 865216         | 714434        | 13.40%          | 1.130%        |
| 30        | 12.780      | 1815          | 1818        | 1821         | rBV      | 180659         | 175034        | 3.28%           | 0.277%        |
| 31        | 12.916      | 1836          | 1841        | 1844         | rBV      | 812518         | 734515        | 13.78%          | 1.162%        |
| 32        | 13.063      | 1862          | 1866        | 1869         | rVB      | 5378822        | 4914586       | 92.20%          | 7.773%        |
| 33        | 13.133      | 1875          | 1878        | 1881         | rBV2     | 62999          | 78847         | 1.48%           | 0.125%        |
| 34        | 13.222      | 1890          | 1893        | 1894         | rBV2     | 66819          | 63284         | 1.19%           | 0.100%        |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-B

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110619.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 35 | 13.245 | 1894 | 1897 | 1899 | rVB   | 80991   | 85494   | 1.60%  | 0.135% |
| 36 | 13.351 | 1911 | 1915 | 1917 | rBV2  | 110281  | 122913  | 2.31%  | 0.194% |
| 37 | 13.474 | 1933 | 1936 | 1939 | rBV   | 65788   | 66023   | 1.24%  | 0.104% |
| 38 | 13.751 | 1980 | 1983 | 1988 | rVB   | 103670  | 104123  | 1.95%  | 0.165% |
| 39 | 13.869 | 1998 | 2003 | 2005 | rBV2  | 73500   | 114558  | 2.15%  | 0.181% |
| 40 | 13.957 | 2015 | 2018 | 2025 | rBV   | 600763  | 566463  | 10.63% | 0.896% |
| 41 | 14.116 | 2039 | 2045 | 2048 | rBV2  | 2438341 | 2653853 | 49.79% | 4.198% |
| 42 | 14.139 | 2048 | 2049 | 2056 | rVB   | 505273  | 416002  | 7.80%  | 0.658% |
| 43 | 14.280 | 2071 | 2073 | 2079 | rVB4  | 101865  | 139248  | 2.61%  | 0.220% |
| 44 | 14.504 | 2109 | 2111 | 2114 | rVB   | 95902   | 76176   | 1.43%  | 0.120% |
| 45 | 14.539 | 2114 | 2117 | 2120 | rVB2  | 106432  | 106837  | 2.00%  | 0.169% |
| 46 | 14.592 | 2123 | 2126 | 2130 | rVB2  | 151126  | 149204  | 2.80%  | 0.236% |
| 47 | 14.910 | 2177 | 2180 | 2183 | rBV2  | 115537  | 121161  | 2.27%  | 0.192% |
| 48 | 14.992 | 2190 | 2194 | 2200 | rBV   | 416395  | 451864  | 8.48%  | 0.715% |
| 49 | 15.174 | 2221 | 2225 | 2229 | rBV   | 391202  | 636126  | 11.93% | 1.006% |
| 50 | 15.263 | 2237 | 2240 | 2243 | rBV2  | 124470  | 165344  | 3.10%  | 0.262% |
| 51 | 15.492 | 2275 | 2279 | 2285 | rVB   | 265809  | 334018  | 6.27%  | 0.528% |
| 52 | 15.557 | 2286 | 2290 | 2295 | rVB   | 257424  | 313218  | 5.88%  | 0.495% |
| 53 | 15.627 | 2297 | 2302 | 2306 | rVV   | 1895992 | 2327627 | 43.67% | 3.682% |
| 54 | 15.668 | 2306 | 2309 | 2314 | rVB3  | 151406  | 241765  | 4.54%  | 0.382% |
| 55 | 16.133 | 2384 | 2388 | 2392 | rBV   | 93815   | 140423  | 2.63%  | 0.222% |
| 56 | 16.557 | 2456 | 2460 | 2472 | rVB10 | 63636   | 148640  | 2.79%  | 0.235% |
| 57 | 16.674 | 2475 | 2480 | 2483 | rBV2  | 46150   | 91003   | 1.71%  | 0.144% |
| 58 | 16.939 | 2521 | 2525 | 2539 | rVB4  | 68799   | 231457  | 4.34%  | 0.366% |
| 59 | 17.151 | 2555 | 2561 | 2569 | rVB2  | 124168  | 251678  | 4.72%  | 0.398% |
| 60 | 17.521 | 2620 | 2624 | 2634 | rVB   | 50401   | 116521  | 2.19%  | 0.184% |
| 61 | 17.609 | 2634 | 2639 | 2647 | rVB   | 98076   | 184155  | 3.45%  | 0.291% |

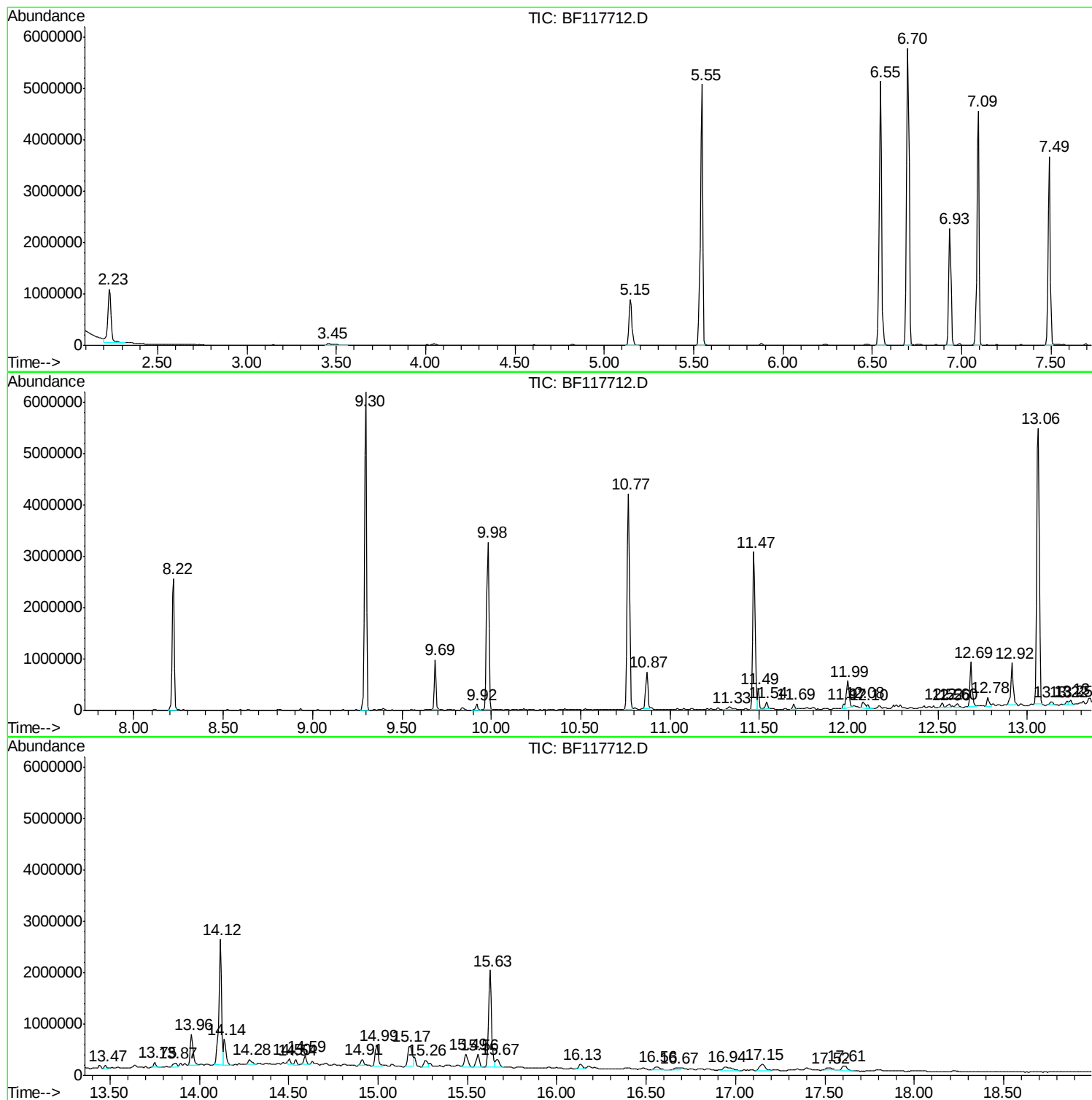
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
8-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.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\BF110719\  
Data File : BF117712.D  
Acq On : 7 Nov 2019 18:40  
Operator : JU  
Sample : K5723-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
8-B

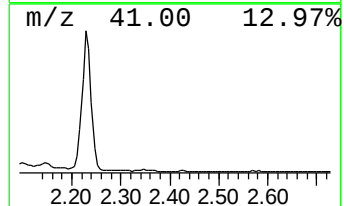
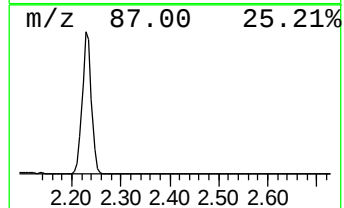
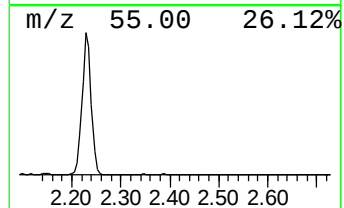
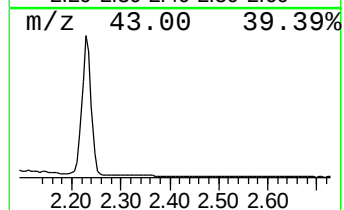
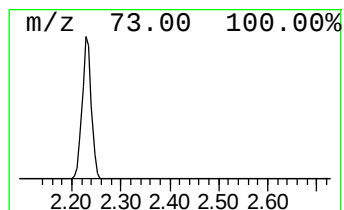
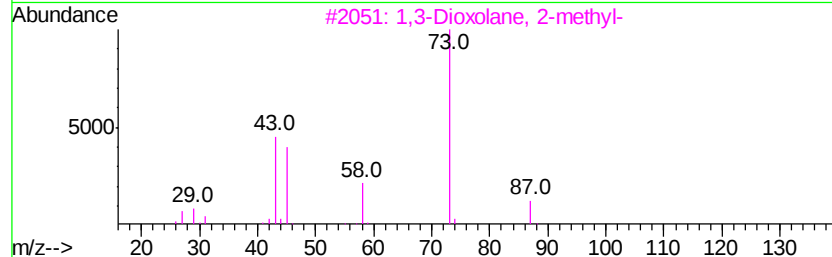
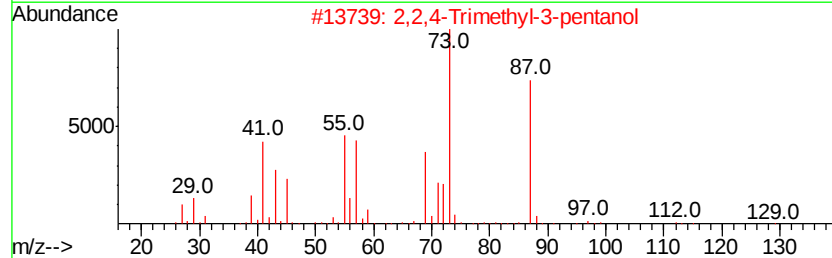
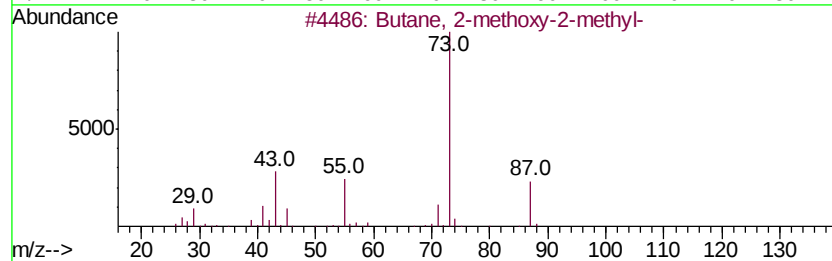
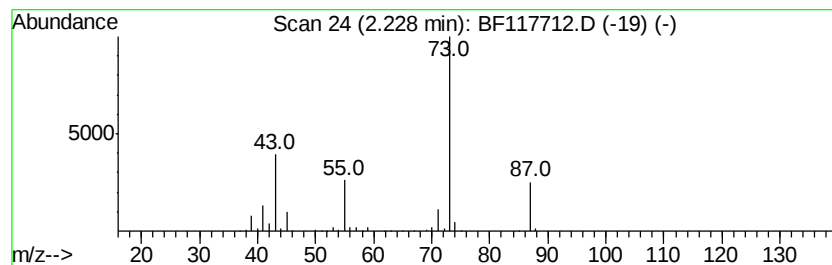
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 2.23 | 16.76 ng | 1469010 | 1,4-Dichlorobenzene-d4 | 6.93 |

| 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    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 35   |
| 5    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

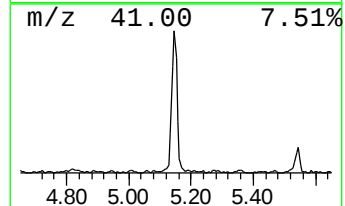
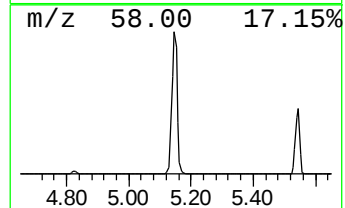
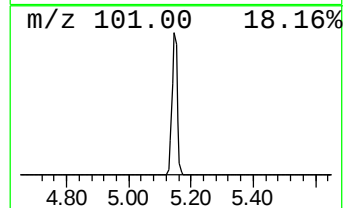
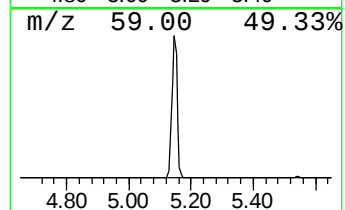
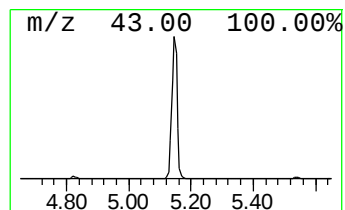
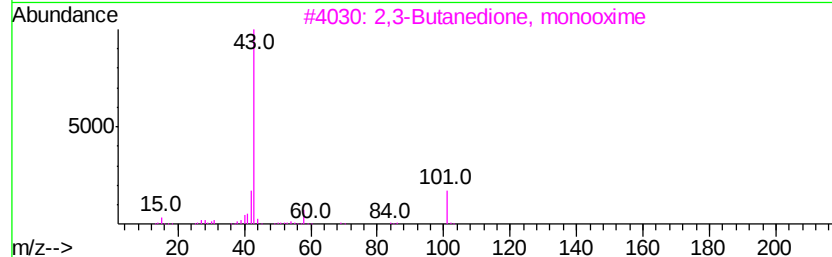
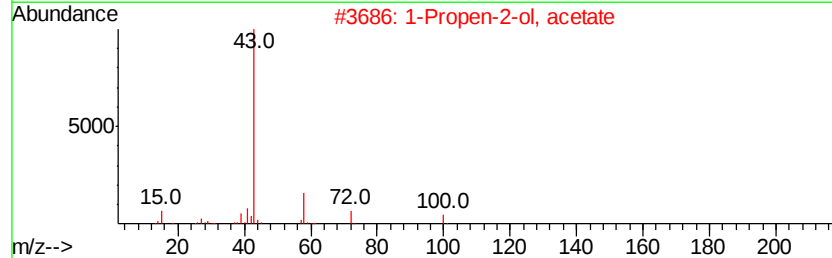
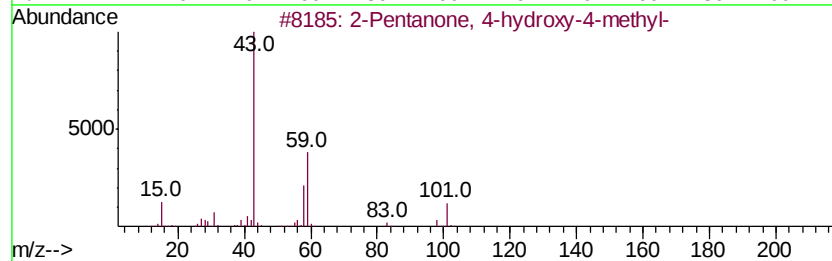
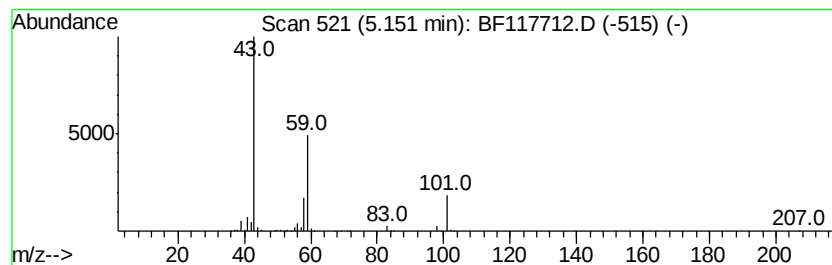
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.15 | 12.12 ng | 1062220 | 1,4-Dichlorobenzene-d4 | 6.93 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 59   |
| 2    |    | 1-Propen-2-ol, acetate              | 100 | C5H8O2  | 000108-22-5 | 10   |
| 3    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 10   |
| 4    |    | 2-Propanone, 1-(1-methylethoxy)-    | 116 | C6H12O2 | 042781-12-4 | 9    |
| 5    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 9    |



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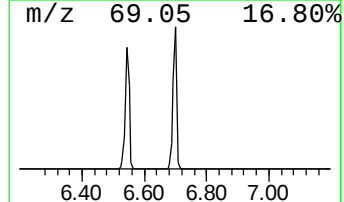
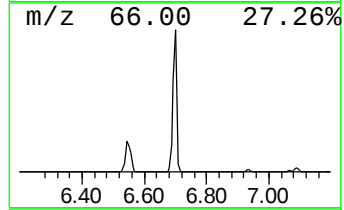
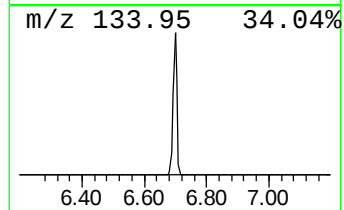
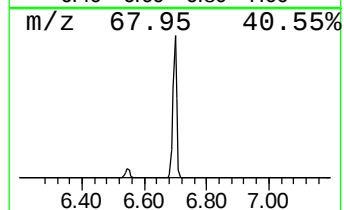
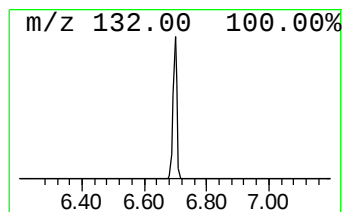
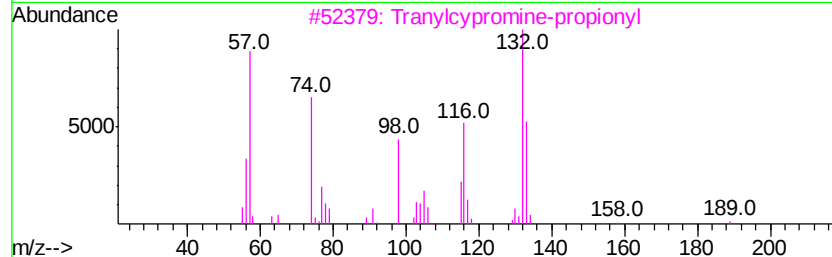
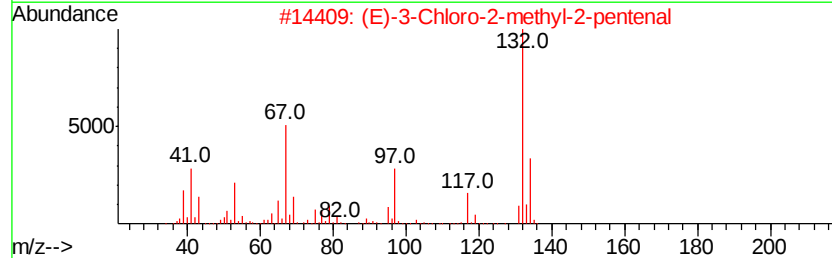
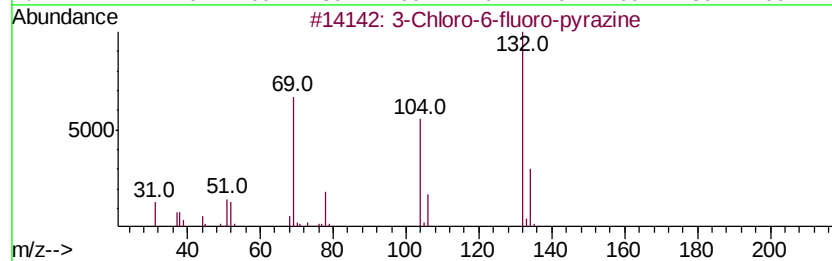
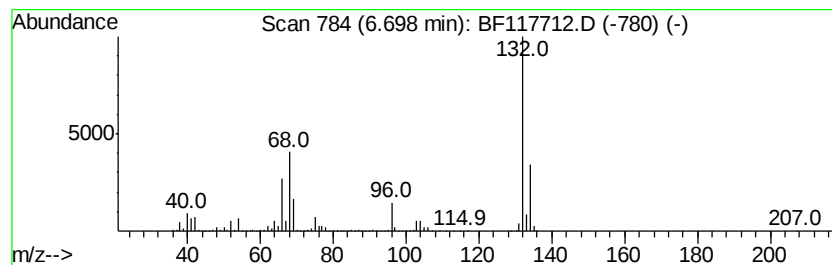
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 unknown6.70 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.70 | 58.01 ng | 5086030 | 1,4-Dichlorobenzene-d4 | 6.93 |

| 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    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Amphetaminil                        | 250 | C17H18N2  | 017590-01-1  | 12   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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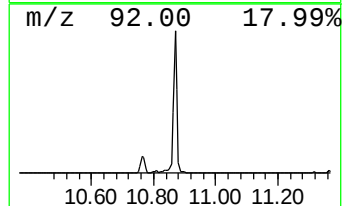
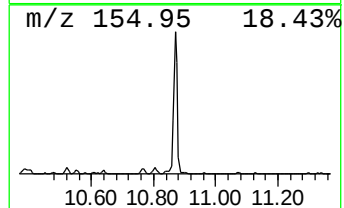
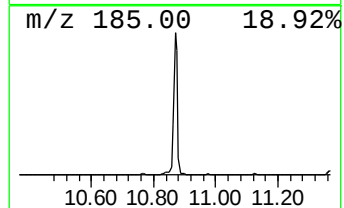
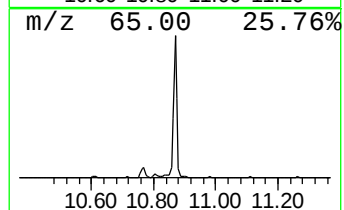
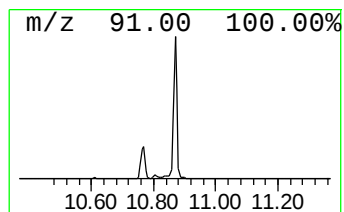
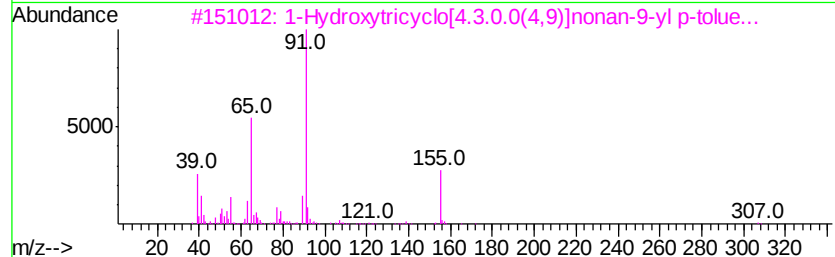
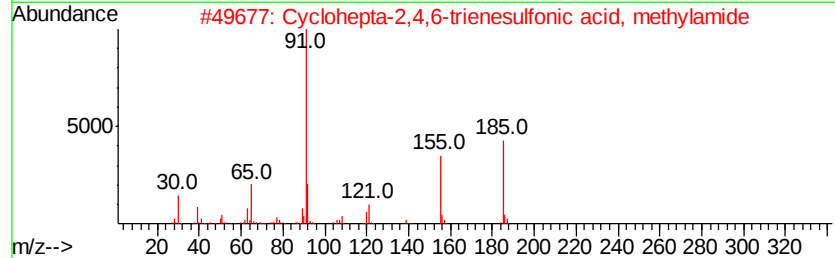
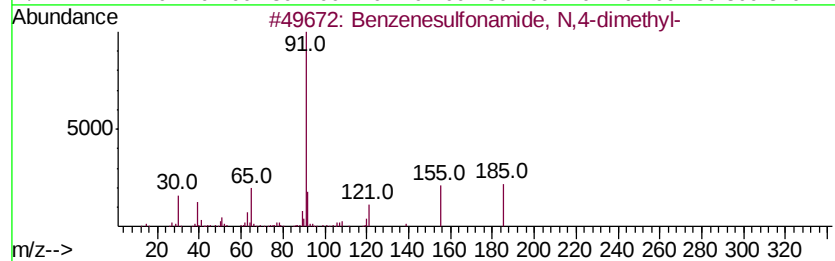
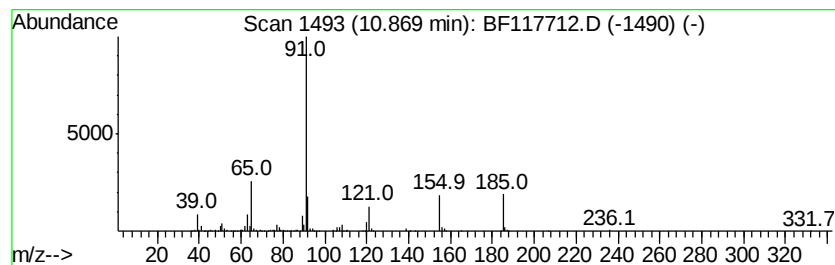
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzenesulfonamide, N,4-dim... Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.87 | 4.03 ng | 559576 | Phenanthrene-d10 | 11.47 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|---------|---|-------------------------------------|-----|-----------|--------------|------|
| 1       |   | Benzenesulfonamide, N,4-dimethyl-   | 185 | C8H11NO2S | 000640-61-9  | 95   |
| 2       |   | Cyclohepta-2,4,6-trienesulfonic ... | 185 | C8H11NO2S | 1000187-28-7 | 58   |
| 3       |   | 1-Hydroxytricvclo[4.3.0.0(4,9)]n... | 308 | C16H20O4S | 201992-83-8  | 50   |
| 4       |   | p-Toluenesulfonylacetonitrile       | 195 | C9H9NO2S  | 005697-44-9  | 50   |
| 5       |   | 4-Toluenesulfonylmethyl isocyanide  | 195 | C9H9NO2S  | 036635-61-7  | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\  
Data File : BF117712.D  
Acq On : 7 Nov 2019 18:40  
Operator : JU  
Sample : K5723-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
8-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

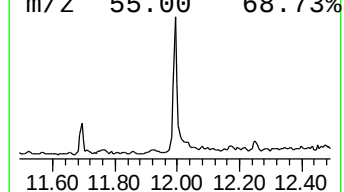
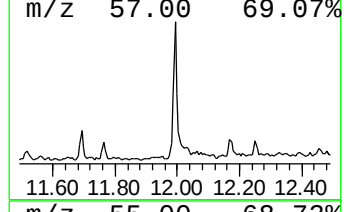
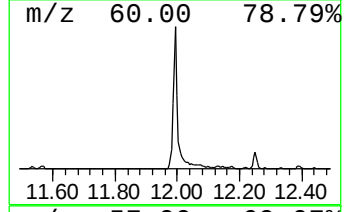
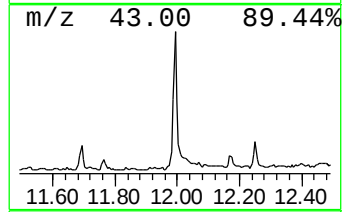
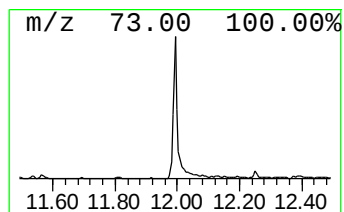
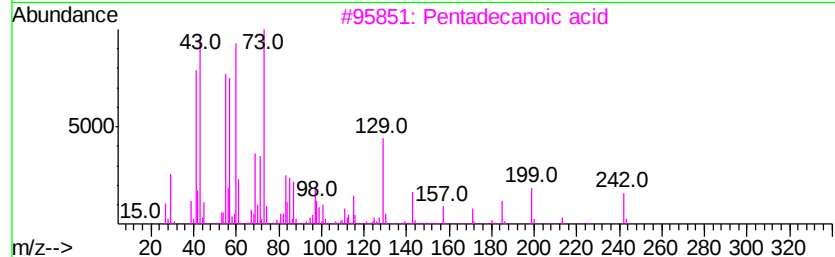
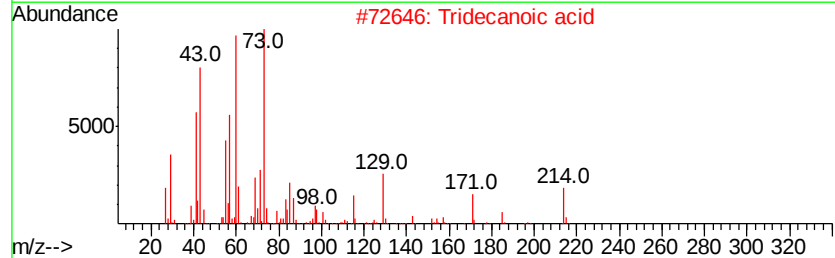
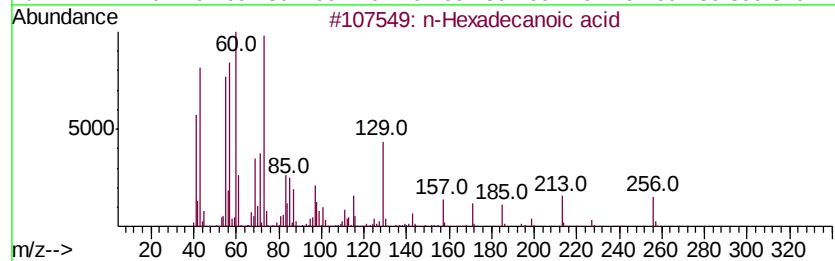
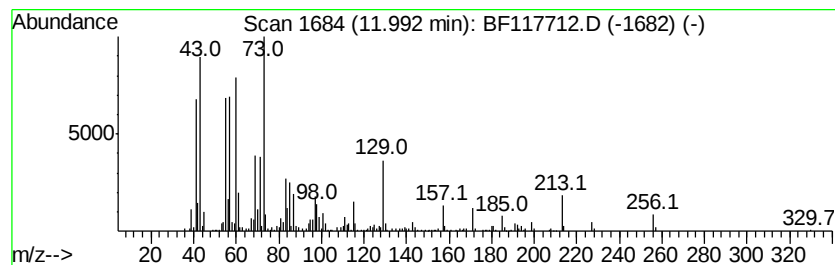
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.99 | 3.53 ng | 489314 | Phenanthrene-d10 | 11.47 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 3    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 4    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 5    |    | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\  
Data File : BF117712.D  
Acq On : 7 Nov 2019 18:40  
Operator : JU  
Sample : K5723-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

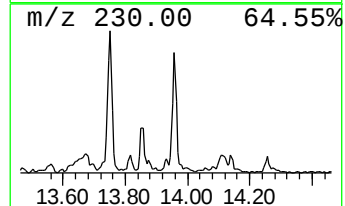
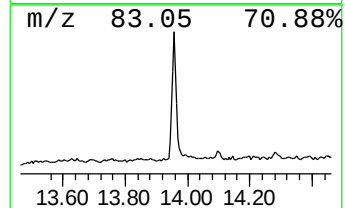
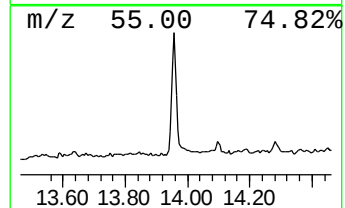
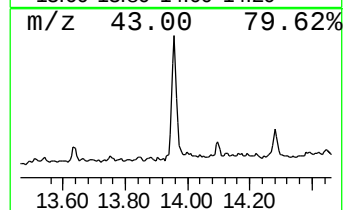
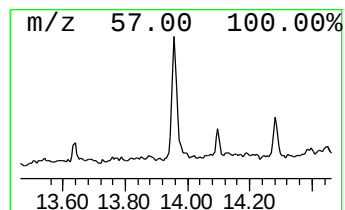
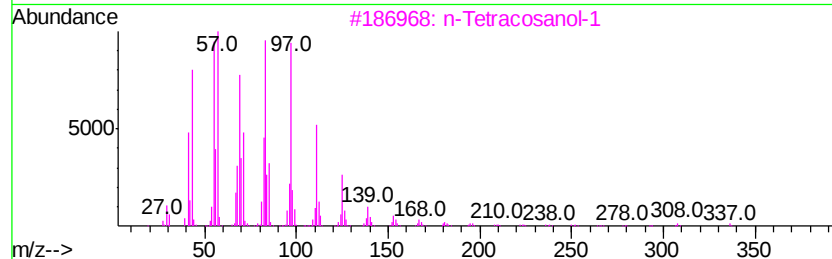
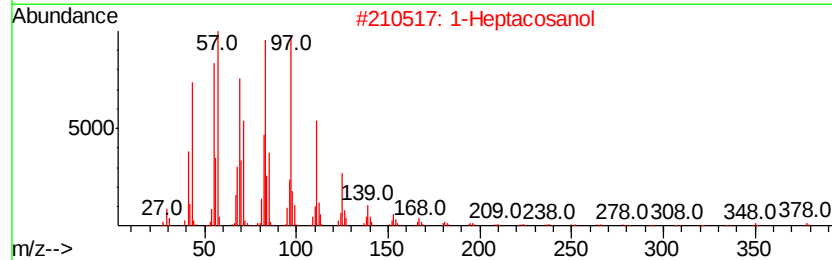
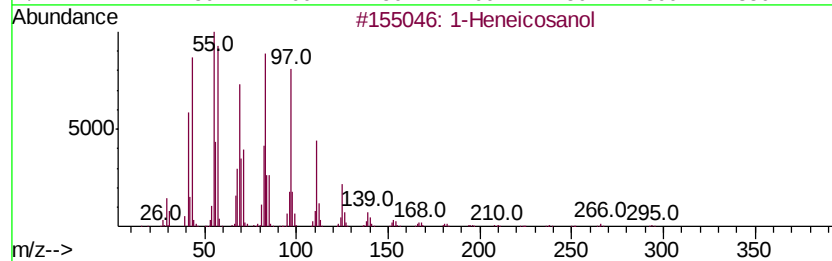
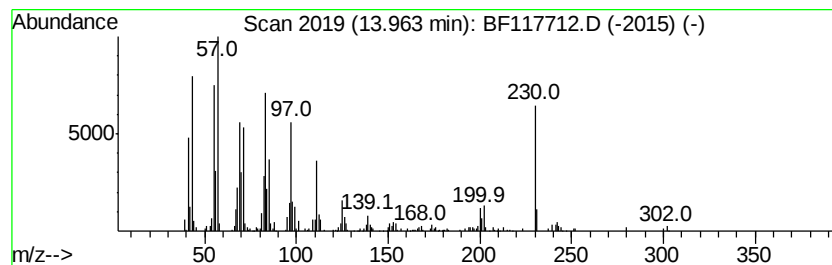
Instrument :  
BNA\_F  
ClientSampleId :  
8-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.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 1-Heneicosanol Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD            |     | R.T.       |             |      |
|-------|---------|--------|-----------------------------|-----|------------|-------------|------|
| 13.96 | 4.27 ng | 566463 | Chrysene-d12                |     | 14.12      |             |      |
| Hit#  | of      | 5      | Tentative ID                | MW  | MolForm    | CAS#        | Qual |
| 1     |         |        | 1-Heneicosanol              | 312 | C21H44O    | 015594-90-8 | 93   |
| 2     |         |        | 1-Heptacosanol              | 396 | C27H56O    | 002004-39-9 | 93   |
| 3     |         |        | n-Tetracosanol-1            | 354 | C24H50O    | 000506-51-4 | 93   |
| 4     |         |        | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93   |
| 5     |         |        | 1-Octadecanol               | 270 | C18H38O    | 000112-92-5 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\  
Data File : BF117712.D  
Acq On : 7 Nov 2019 18:40  
Operator : JU  
Sample : K5723-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
8-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

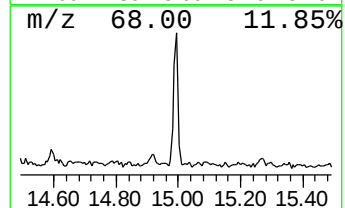
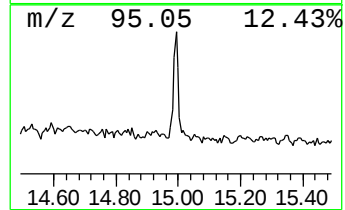
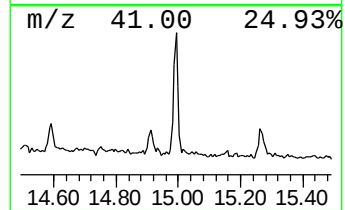
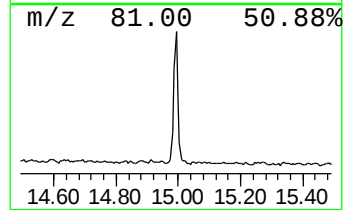
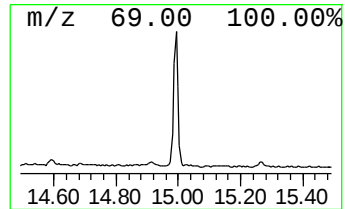
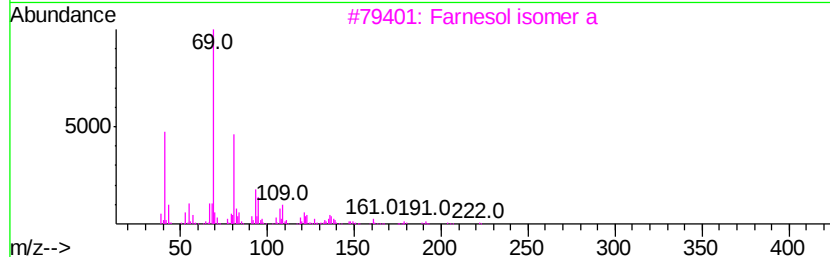
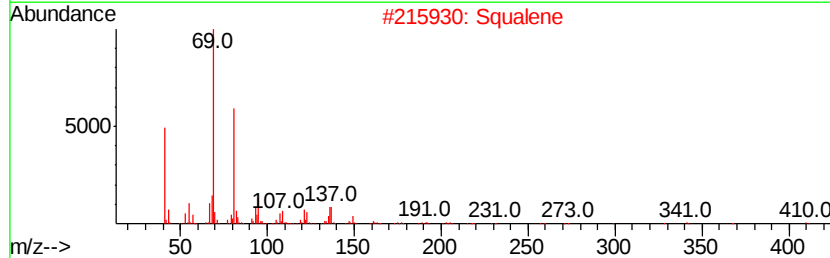
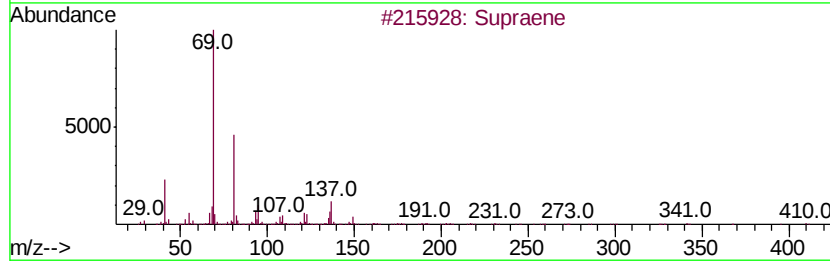
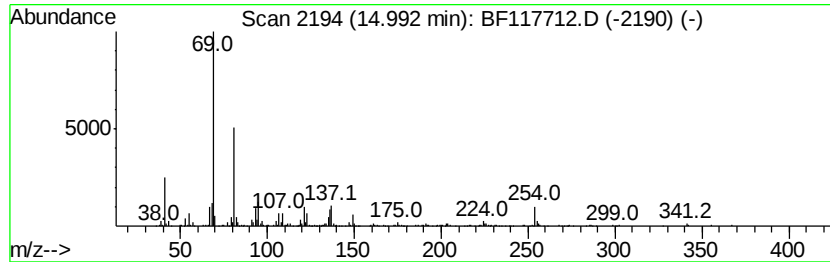
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Supraene Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.99 | 3.88 ng | 451864 | Perylene-d12     | 15.63 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Supraene                            | 410 | C30H50   | 007683-64-9  | 90   |
| 2    |    | Squalene                            | 410 | C30H50   | 000111-02-4  | 90   |
| 3    |    | Farnesol isomer a                   | 222 | C15H26O  | 1000108-92-4 | 68   |
| 4    |    | 2,6,10,14-Hexadecatetraenoic aci... | 332 | C22H36O2 | 024035-35-6  | 64   |
| 5    |    | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O  | 125529-10-4  | 59   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\  
Data File : BF117712.D  
Acq On : 7 Nov 2019 18:40  
Operator : JU  
Sample : K5723-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

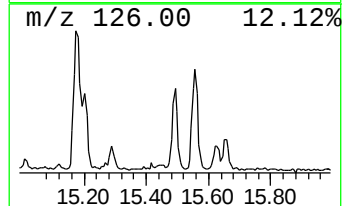
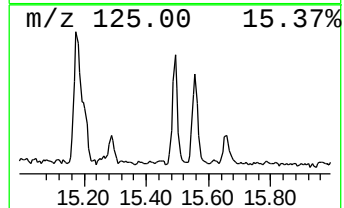
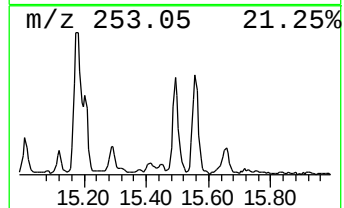
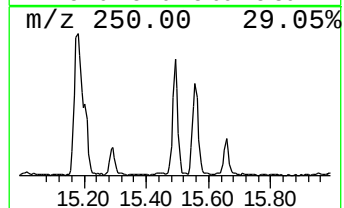
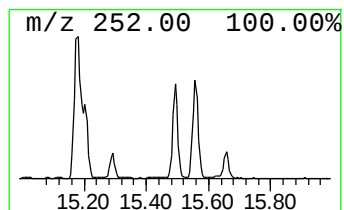
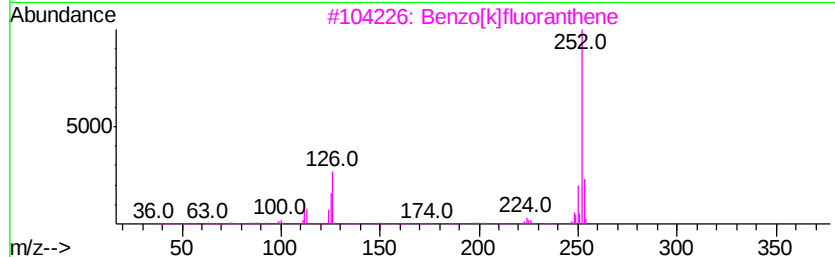
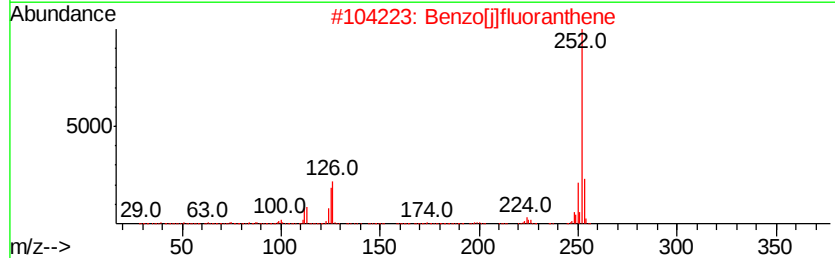
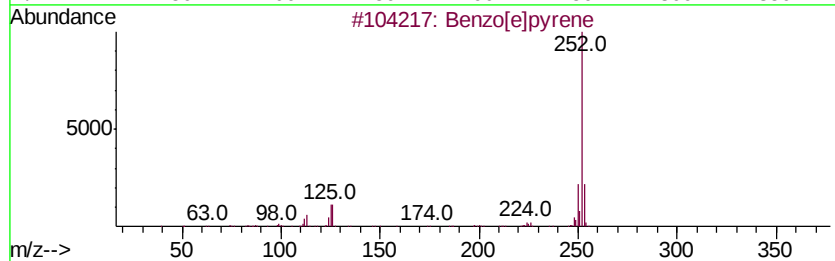
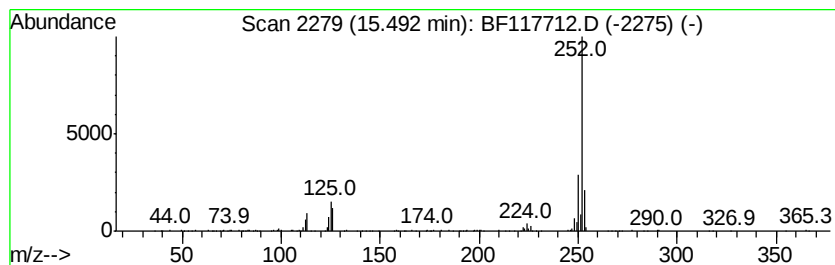
Instrument :  
BNA\_F  
ClientSampled :  
8-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.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 Benzo[e]pyrene Concentration Rank 9

| R.T.    | EstConc | Area                      | Relative to ISTD | R.T.           |
|---------|---------|---------------------------|------------------|----------------|
| 15.49   | 2.87 ng | 334018                    | Perylene-d12     | 15.63          |
| Hit# of | 5       | Tentative ID              | MW MolForm       | CAS# Qual      |
| 1       |         | Benzo[e]pyrene            | 252 C20H12       | 000192-97-2 98 |
| 2       |         | Benzo[i]fluoranthene      | 252 C20H12       | 000205-82-3 94 |
| 3       |         | Benzo[k]fluoranthene      | 252 C20H12       | 000207-08-9 93 |
| 4       |         | Benzo[e]acephenanthrylene | 252 C20H12       | 000205-99-2 93 |
| 5       |         | Benzo[a]pyrene            | 252 C20H12       | 000050-32-8 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF110719\  
Data File : BF117712.D  
Acq On : 7 Nov 2019 18:40  
Operator : JU  
Sample : K5723-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
8-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110619.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... | 2.23  | 16.8    | ng    | 1469010  | 1                     | 6.93  | 1753370 | 20.0 |
| 2-Pentanone, 4-hy... | 5.15  | 12.1    | ng    | 1062220  | 1                     | 6.93  | 1753370 | 20.0 |
| unknown6.70          | 6.70  | 58.0    | ng    | 5086030  | 1                     | 6.93  | 1753370 | 20.0 |
| Benzenesulfonamid... | 10.87 | 4.0     | ng    | 559576   | 4                     | 11.47 | 2774520 | 20.0 |
| n-Hexadecanoic acid  | 11.99 | 3.5     | ng    | 489314   | 4                     | 11.47 | 2774520 | 20.0 |
| 1-Heneicosanol       | 13.96 | 4.3     | ng    | 566463   | 5                     | 14.12 | 2653850 | 20.0 |
| Supraene             | 14.99 | 3.9     | ng    | 451864   | 6                     | 15.63 | 2327630 | 20.0 |
| Benzo[e]pyrene       | 15.49 | 2.9     | ng    | 334018   | 6                     | 15.63 | 2327630 | 20.0 |