

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072017\  
 Data File : BF096926.D  
 Acq On : 21 Jul 2017 00:48  
 Operator : SJ/JU  
 Sample : I4319-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-2(0-6)COMP

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071317.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         | 2.822       | 139           | 142         | 152          | rBV      | 11523          | 31660         | 1.07%           | 0.123%        |
| 2         | 4.740       | 463           | 468         | 481          | rBV      | 201691         | 315540        | 10.65%          | 1.227%        |
| 3         | 5.175       | 537           | 542         | 554          | rBV      | 2493496        | 2795056       | 94.34%          | 10.872%       |
| 4         | 6.228       | 715           | 721         | 735          | rBV      | 2584120        | 2962747       | 100.00%         | 11.525%       |
| 5         | 6.340       | 735           | 740         | 743          | rBV      | 2669997        | 2808112       | 94.78%          | 10.923%       |
| 6         | 6.569       | 775           | 779         | 782          | rBV      | 716749         | 618790        | 20.89%          | 2.407%        |
| 7         | 6.722       | 801           | 805         | 809          | rBV      | 1925279        | 1920529       | 64.82%          | 7.471%        |
| 8         | 7.134       | 870           | 875         | 878          | rBV      | 1680751        | 1672125       | 56.44%          | 6.504%        |
| 9         | 7.851       | 993           | 997         | 1000         | rBV      | 1126330        | 967742        | 32.66%          | 3.764%        |
| 10        | 8.934       | 1175          | 1181        | 1184         | rBV      | 2571207        | 2604060       | 87.89%          | 10.129%       |
| 11        | 9.322       | 1243          | 1247        | 1251         | rBV      | 295437         | 268819        | 9.07%           | 1.046%        |
| 12        | 9.598       | 1289          | 1294        | 1298         | rBV      | 1010693        | 885544        | 29.89%          | 3.445%        |
| 13        | 10.051      | 1368          | 1371        | 1374         | rBV      | 68544          | 53273         | 1.80%           | 0.207%        |
| 14        | 10.269      | 1403          | 1408        | 1411         | rBV      | 25028          | 39273         | 1.33%           | 0.153%        |
| 15        | 10.386      | 1423          | 1428        | 1431         | rBV      | 1524518        | 1475665       | 49.81%          | 5.740%        |
| 16        | 10.522      | 1447          | 1451        | 1458         | rBV2     | 98697          | 116253        | 3.92%           | 0.452%        |
| 17        | 10.575      | 1458          | 1460        | 1463         | rVV      | 33057          | 31321         | 1.06%           | 0.122%        |
| 18        | 10.610      | 1463          | 1466        | 1469         | rVB2     | 30213          | 30854         | 1.04%           | 0.120%        |
| 19        | 10.710      | 1478          | 1483        | 1487         | rBV2     | 30416          | 49533         | 1.67%           | 0.193%        |
| 20        | 10.751      | 1487          | 1490        | 1494         | rVV3     | 48956          | 58550         | 1.98%           | 0.228%        |
| 21        | 10.792      | 1494          | 1497        | 1501         | rVV      | 47849          | 52844         | 1.78%           | 0.206%        |
| 22        | 10.833      | 1501          | 1504        | 1510         | rVB2     | 31485          | 35470         | 1.20%           | 0.138%        |
| 23        | 10.969      | 1522          | 1527        | 1530         | rBV2     | 46385          | 39574         | 1.34%           | 0.154%        |
| 24        | 11.075      | 1541          | 1545        | 1547         | rBV      | 917691         | 775183        | 26.16%          | 3.015%        |
| 25        | 11.098      | 1547          | 1549        | 1552         | rVB      | 121264         | 92865         | 3.13%           | 0.361%        |
| 26        | 11.575      | 1627          | 1630        | 1632         | rBV      | 44283          | 33187         | 1.12%           | 0.129%        |
| 27        | 11.604      | 1632          | 1635        | 1637         | rVV      | 47925          | 35423         | 1.20%           | 0.138%        |
| 28        | 11.628      | 1637          | 1639        | 1641         | rVV      | 45828          | 31829         | 1.07%           | 0.124%        |
| 29        | 11.680      | 1645          | 1648        | 1651         | rBV      | 40831          | 40391         | 1.36%           | 0.157%        |
| 30        | 12.122      | 1720          | 1723        | 1727         | rBV      | 28903          | 35203         | 1.19%           | 0.137%        |
| 31        | 12.280      | 1746          | 1750        | 1754         | rBV      | 134145         | 119230        | 4.02%           | 0.464%        |
| 32        | 12.504      | 1783          | 1788        | 1791         | rBV2     | 165941         | 173079        | 5.84%           | 0.673%        |
| 33        | 12.663      | 1810          | 1815        | 1818         | rBV      | 1953486        | 1872656       | 63.21%          | 7.284%        |
| 34        | 12.939      | 1859          | 1862        | 1868         | rVB      | 30840          | 32744         | 1.11%           | 0.127%        |

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BNA\_F  
ClientSampleId :  
B-2(0-6)COMP

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:\HPCHEM1\BNA\_F\METHODS\8270-BF071317.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 13.151 | 1894 | 1898 | 1899 | rBV  | 162448 | 158760 | 5.36%  | 0.618% |
| 36 | 13.227 | 1906 | 1911 | 1913 | rVB2 | 34653  | 47468  | 1.60%  | 0.185% |
| 37 | 13.569 | 1965 | 1969 | 1976 | rVB2 | 248474 | 292015 | 9.86%  | 1.136% |
| 38 | 13.698 | 1987 | 1991 | 1994 | rBV  | 700152 | 737079 | 24.88% | 2.867% |
| 39 | 13.727 | 1994 | 1996 | 1998 | rVB  | 58495  | 43893  | 1.48%  | 0.171% |
| 40 | 13.833 | 2011 | 2014 | 2020 | rBV4 | 38306  | 63953  | 2.16%  | 0.249% |
| 41 | 14.121 | 2061 | 2063 | 2067 | rBV4 | 28694  | 36144  | 1.22%  | 0.141% |
| 42 | 14.204 | 2073 | 2077 | 2085 | rVB2 | 94932  | 137026 | 4.62%  | 0.533% |
| 43 | 14.616 | 2144 | 2147 | 2151 | rVB  | 85966  | 81765  | 2.76%  | 0.318% |
| 44 | 14.698 | 2158 | 2161 | 2164 | rBV  | 49337  | 63614  | 2.15%  | 0.247% |
| 45 | 14.792 | 2173 | 2177 | 2178 | rBV2 | 90436  | 107774 | 3.64%  | 0.419% |
| 46 | 15.010 | 2212 | 2214 | 2219 | rBV  | 46397  | 48721  | 1.64%  | 0.190% |
| 47 | 15.068 | 2220 | 2224 | 2231 | rBV  | 501882 | 574889 | 19.40% | 2.236% |
| 48 | 15.498 | 2293 | 2297 | 2300 | rBV  | 99935  | 126143 | 4.26%  | 0.491% |
| 49 | 16.498 | 2463 | 2467 | 2468 | rBV4 | 30220  | 46797  | 1.58%  | 0.182% |
| 50 | 17.309 | 2602 | 2605 | 2613 | rVB9 | 40106  | 66536  | 2.25%  | 0.259% |

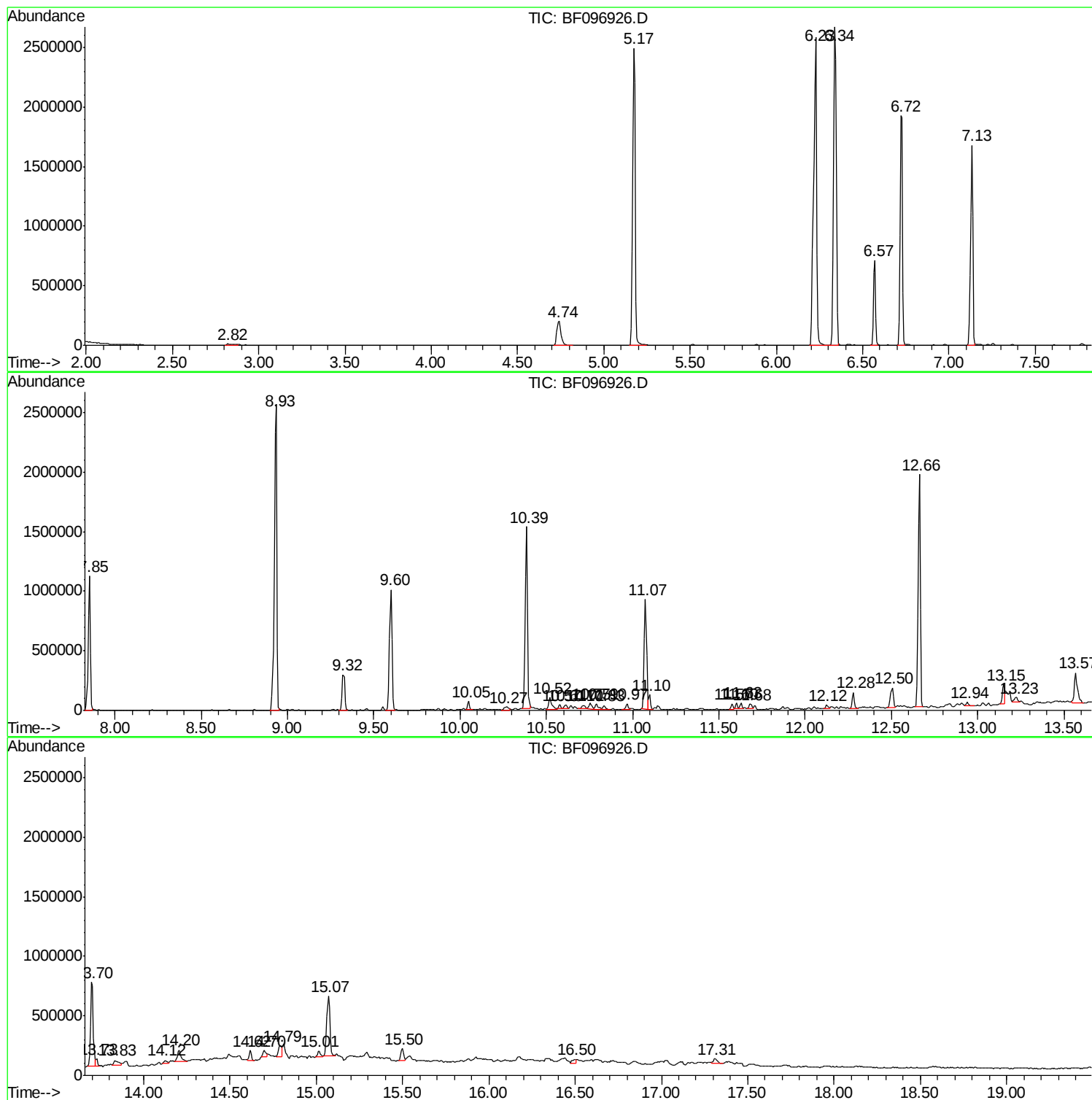
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ClientSampleId :  
B-2(0-6)COMP

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071317.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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ClientSampleId :  
B-2(0-6)COMP

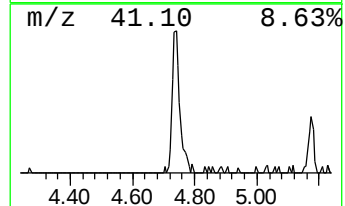
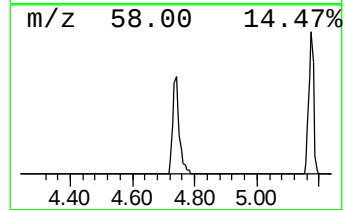
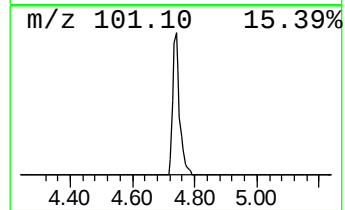
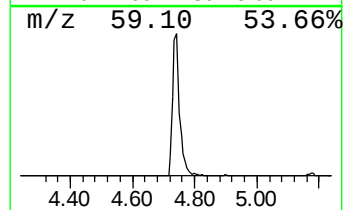
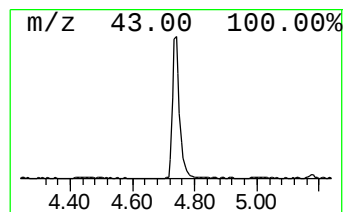
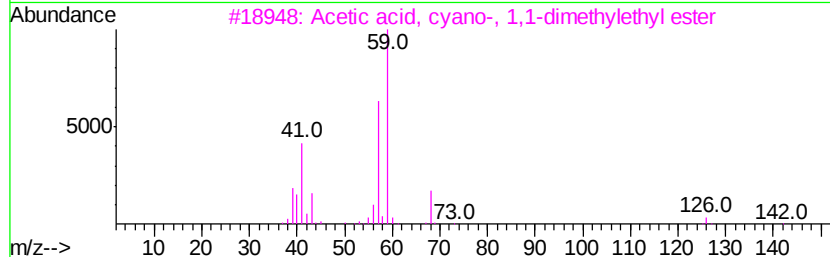
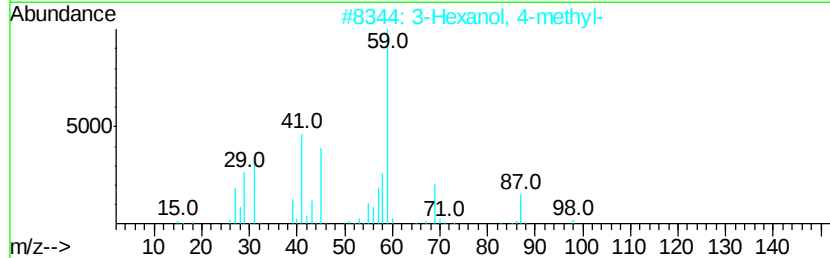
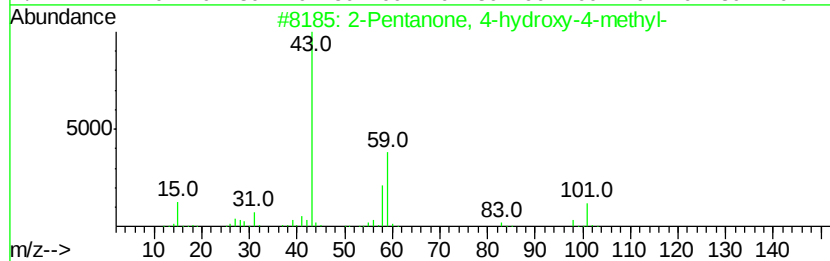
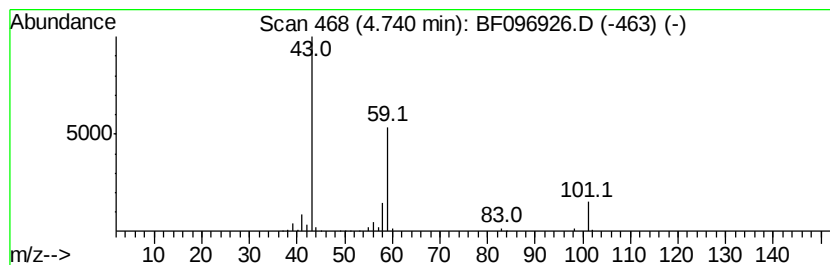
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.74 | 10.20 ng | 315540 | 1,4-Dichlorobenzene-d4 | 6.57 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | 3-Hexanol, 4-methyl-                 | 116 | C7H16O   | 000615-29-2 | 33   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 32   |
| 4    |    |   | 2-Hexanol, 2-methyl-                 | 116 | C7H16O   | 000625-23-0 | 25   |
| 5    |    |   | 1-Propen-2-ol, acetate               | 100 | C5H8O2   | 000108-22-5 | 10   |



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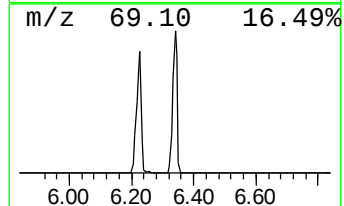
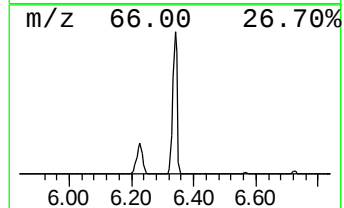
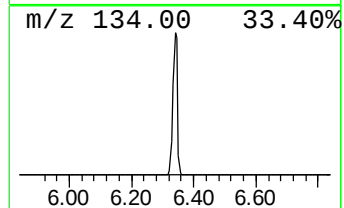
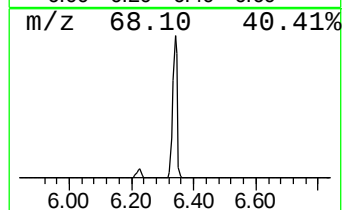
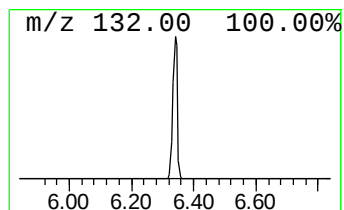
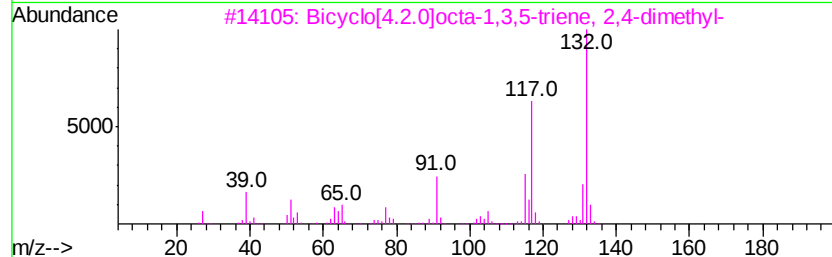
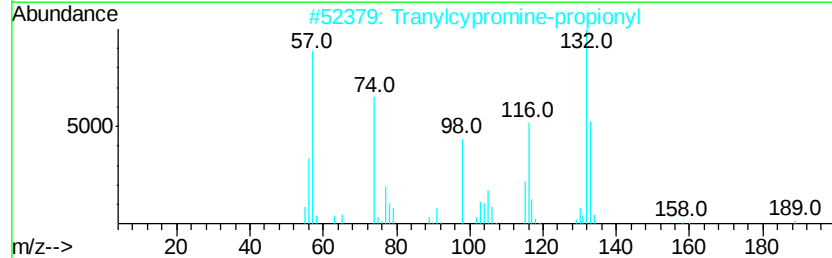
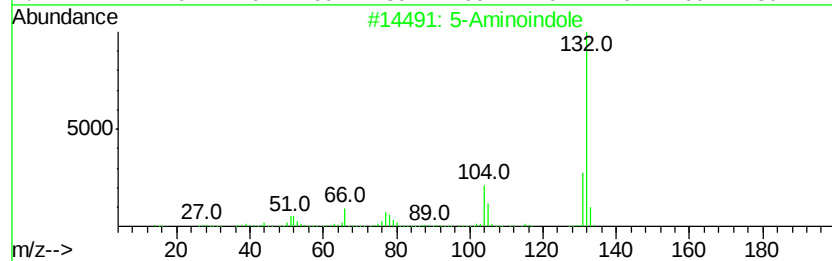
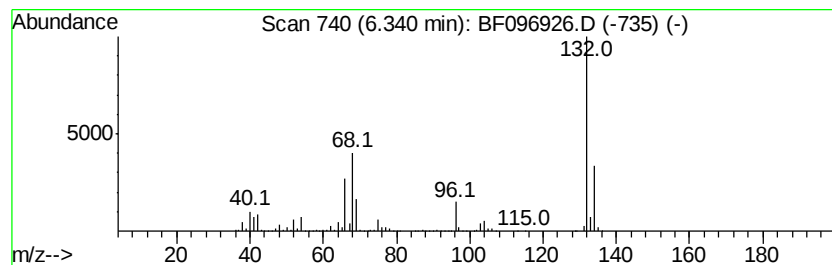
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.34 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.34 | 90.76 ng | 2808110 | 1,4-Dichlorobenzene-d4 | 6.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 2    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 4    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071317.M  
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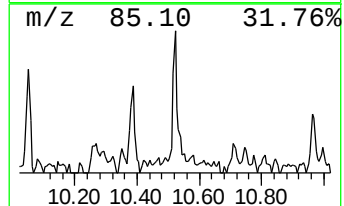
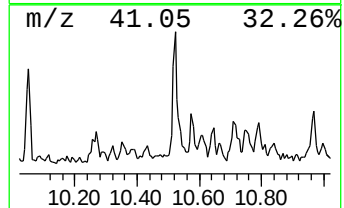
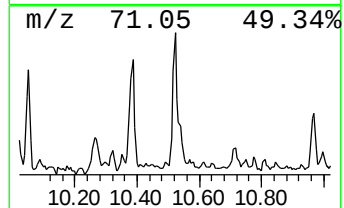
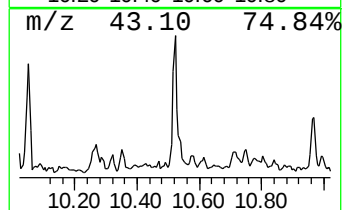
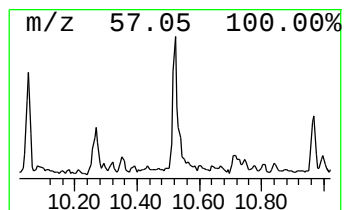
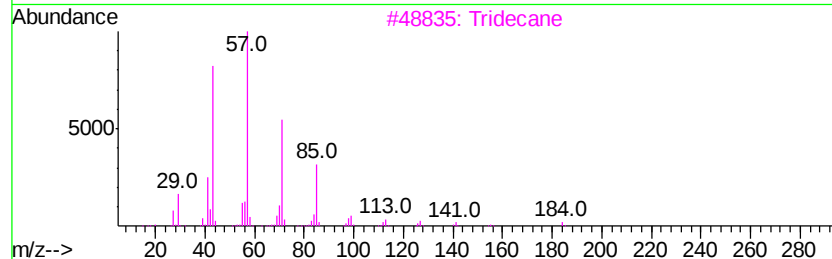
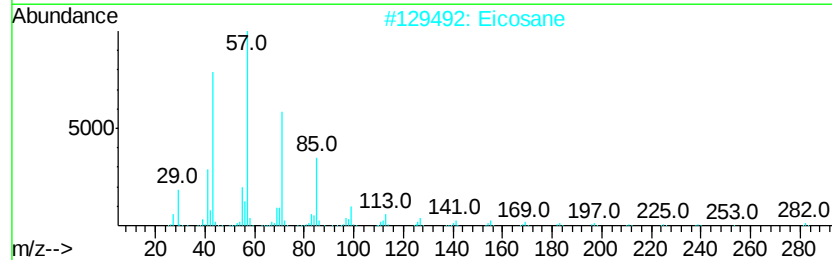
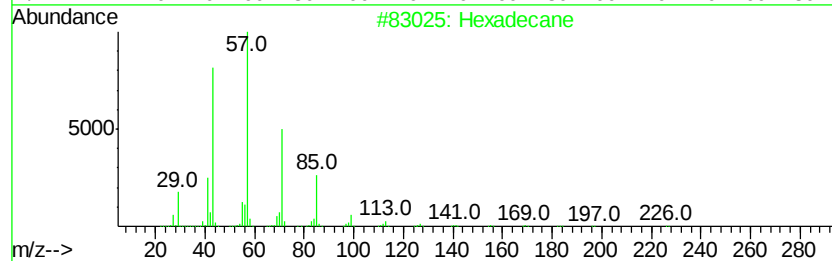
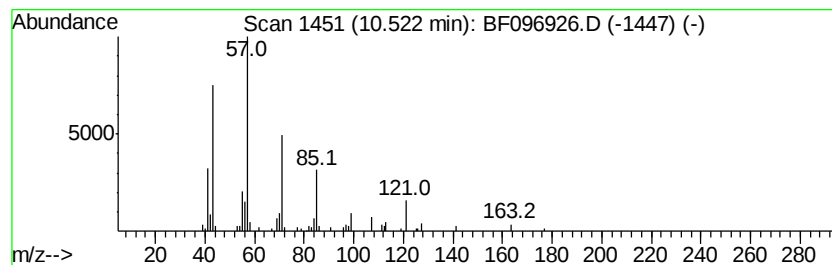
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Hexadecane Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.52 | 3.00 ng | 116253 | Phenanthrene-d10 | 11.07 |

| Hit# of 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------|-----|---------|-------------|------|
| 1         | Hexadecane      | 226 | C16H34  | 000544-76-3 | 72   |
| 2         | Eicosane        | 282 | C20H42  | 000112-95-8 | 72   |
| 3         | Tridecane       | 184 | C13H28  | 000629-50-5 | 72   |
| 4         | Hexatriacontane | 507 | C36H74  | 000630-06-8 | 72   |
| 5         | Heptacosane     | 380 | C27H56  | 000593-49-7 | 72   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

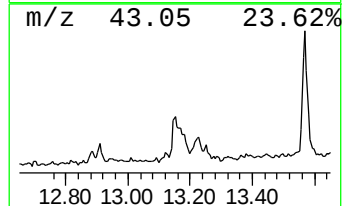
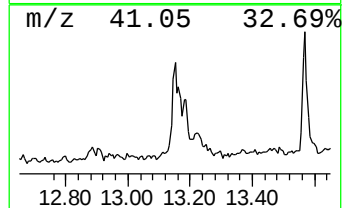
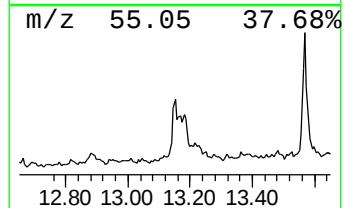
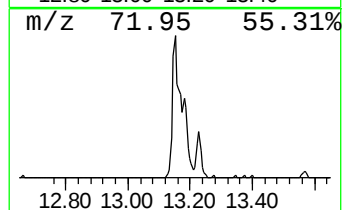
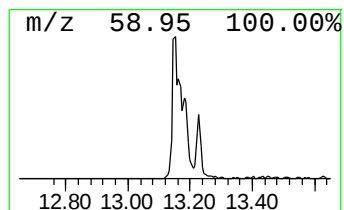
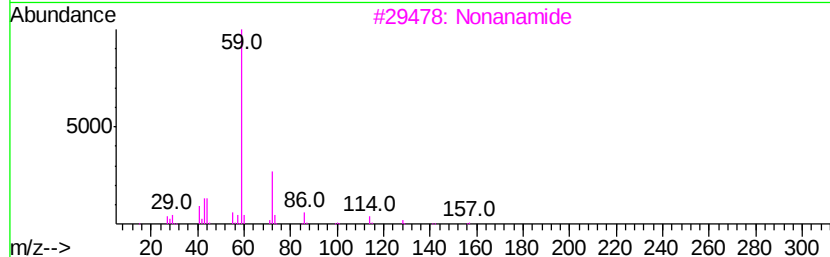
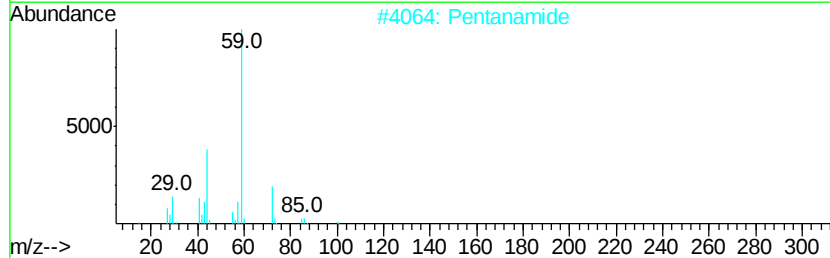
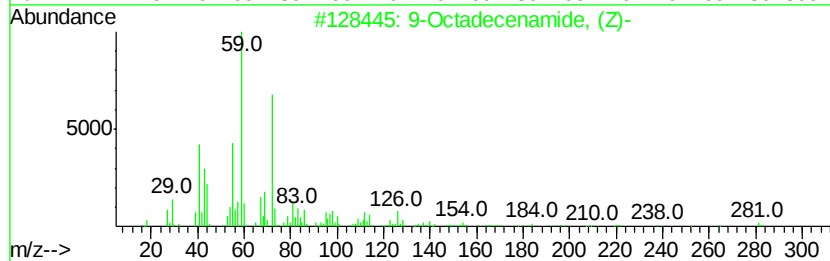
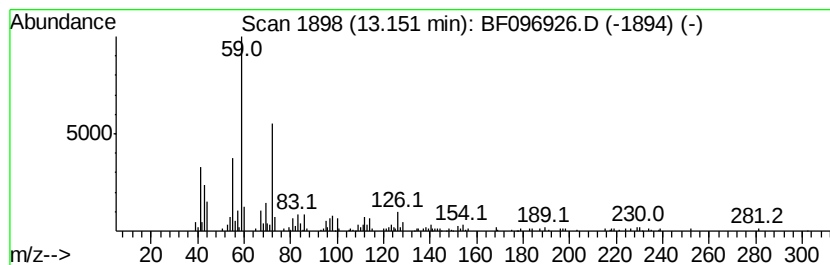
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.15 | 4.31 ng | 158760 | Chrysene-d12     | 13.70 |

| Hit# of | 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|---------|---|------------------------|-----|----------|-------------|------|
| 1       |   | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 98   |
| 2       |   | Pentanamide            | 101 | C5H11NO  | 000626-97-1 | 59   |
| 3       |   | Nonanamide             | 157 | C9H19NO  | 001120-07-6 | 53   |
| 4       |   | Hexadecanamide         | 255 | C16H33NO | 000629-54-9 | 53   |
| 5       |   | Dodecanamide           | 199 | C12H25NO | 001120-16-7 | 53   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\  
Data File : BF096926.D  
Acq On : 21 Jul 2017 00:48  
Operator : SJ/JU  
Sample : I4319-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-2(0-6)COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

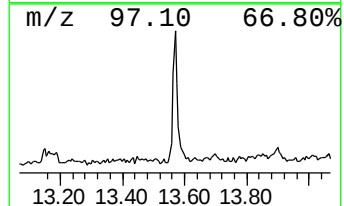
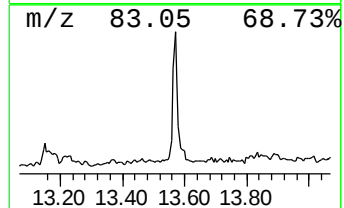
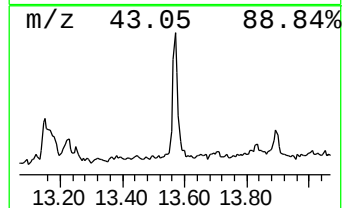
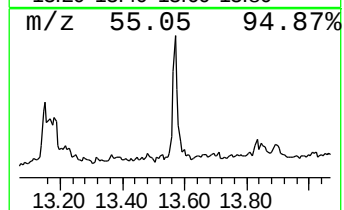
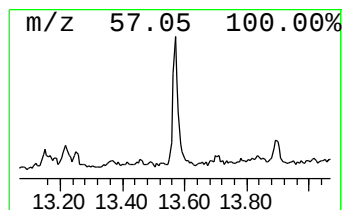
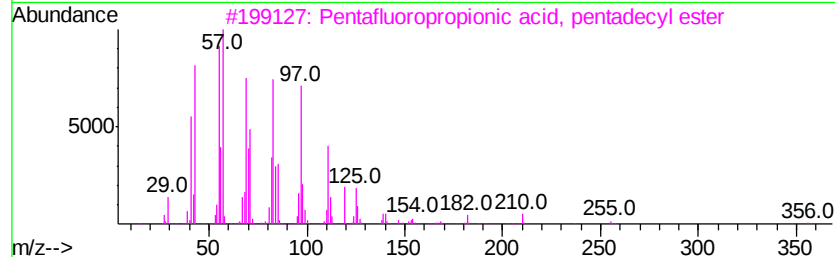
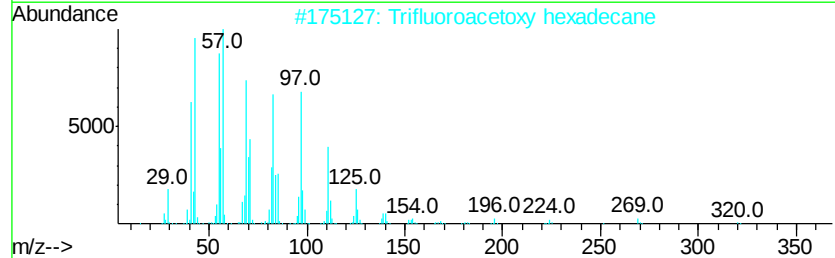
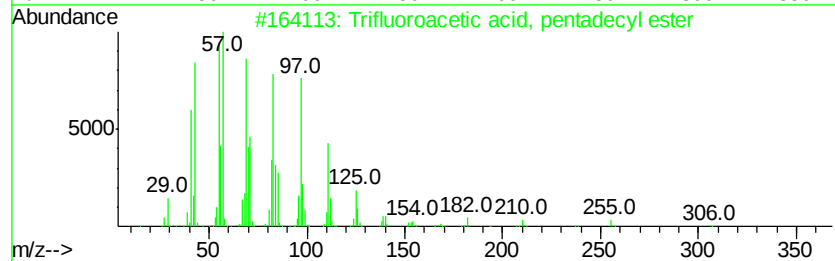
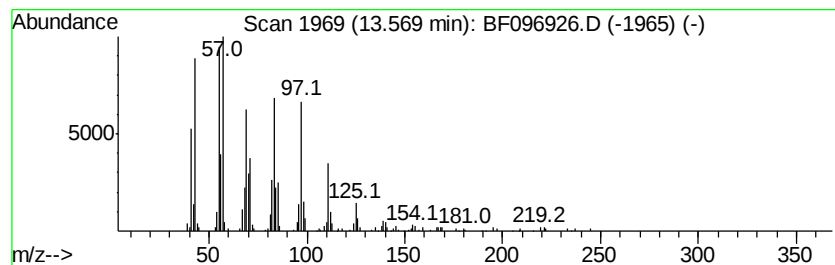
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Trifluoroacetic acid, penta... Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.57 | 7.92 ng | 292015 | Chrysene-d12     | 13.70 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2  | 959010-23-2  | 95   |
| 2    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3  | 95   |
| 3    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2  | 959092-08-1  | 95   |
| 4    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 95   |
| 5    |    |   | 1-Docosene                          | 308 | C22H44      | 001599-67-3  | 94   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072017\  
Data File : BF096926.D  
Acq On : 21 Jul 2017 00:48  
Operator : SJ/JU  
Sample : I4319-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

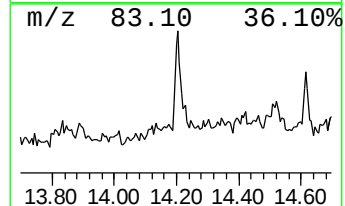
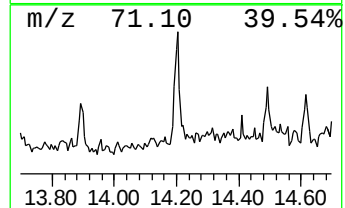
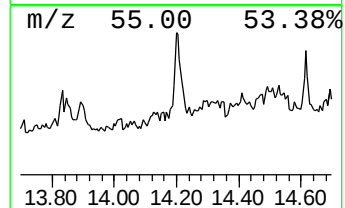
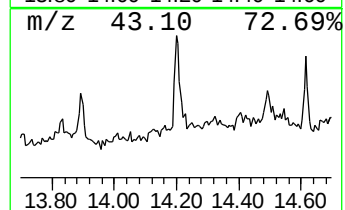
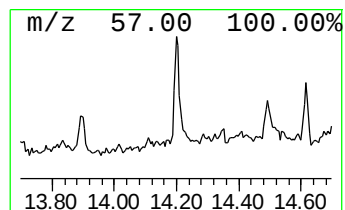
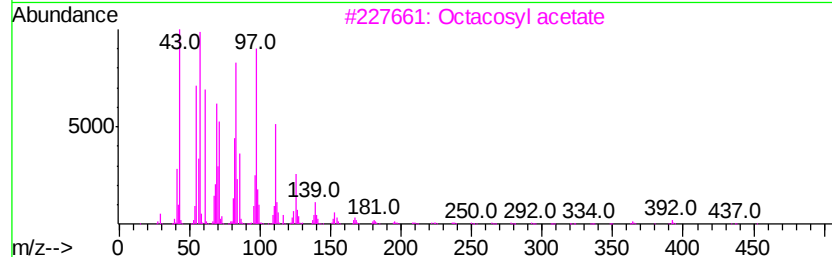
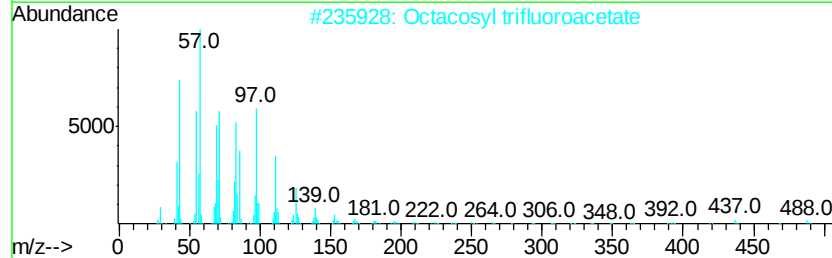
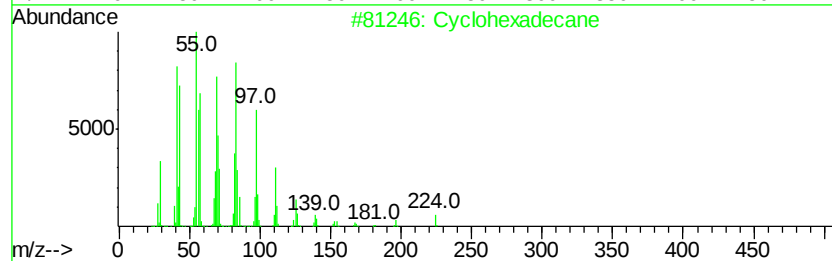
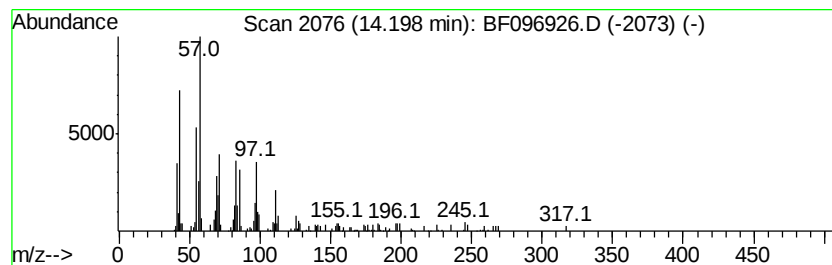
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ClientSampleId :  
B-2(0-6)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.    | EstConc | Area                             | Relative to ISTD | R.T.            |
|---------|---------|----------------------------------|------------------|-----------------|
| 14.20   | 3.72 ng | 137026                           | Chrysene-d12     | 13.70           |
| Hit# of | 5       | Tentative ID                     | MW MolForm       | CAS# Qual       |
| 1       |         | Cyclohexadecane                  | 224 C16H32       | 000295-65-8 95  |
| 2       |         | Octacosyl trifluoroacetate       | 506 C30H57F3O2   | 1000351-74-9 86 |
| 3       |         | Octacosyl acetate                | 452 C30H60O2     | 018206-97-8 72  |
| 4       |         | 1-Heptacosanol                   | 396 C27H56O      | 002004-39-9 72  |
| 5       |         | Dotriacontyl heptafluorobutyrate | 662 C36H65F7O2   | 1000351-84-2 64 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\  
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Acq On : 21 Jul 2017 00:48  
Operator : SJ/JU  
Sample : I4319-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-2(0-6)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

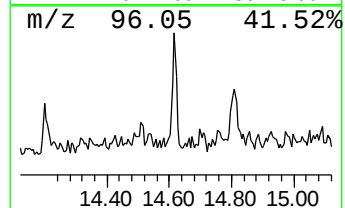
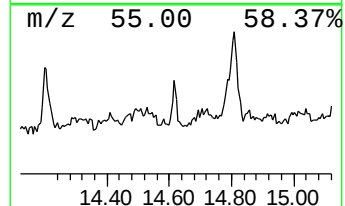
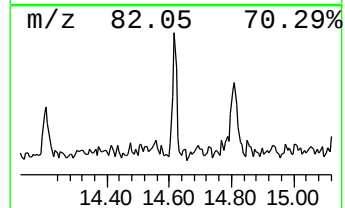
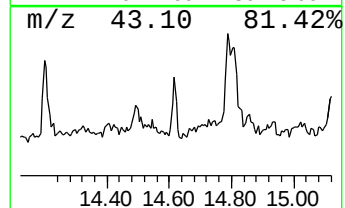
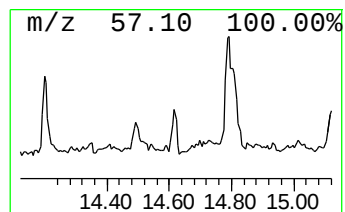
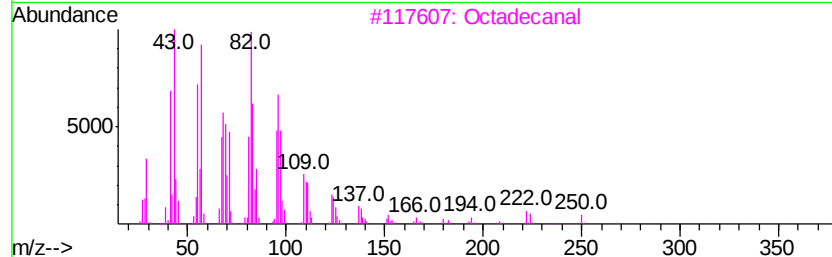
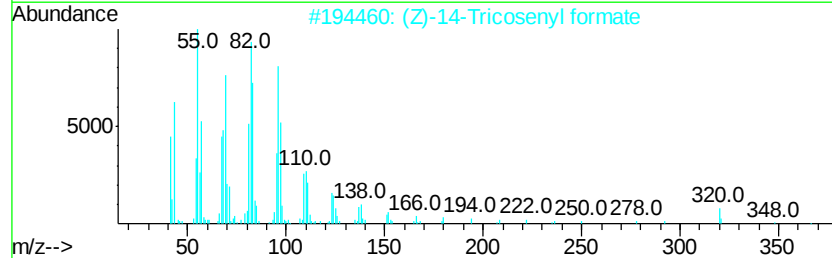
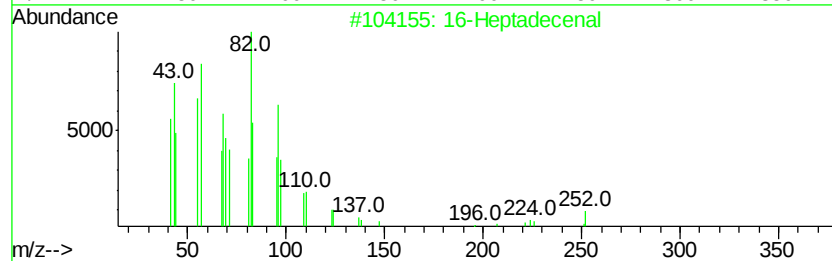
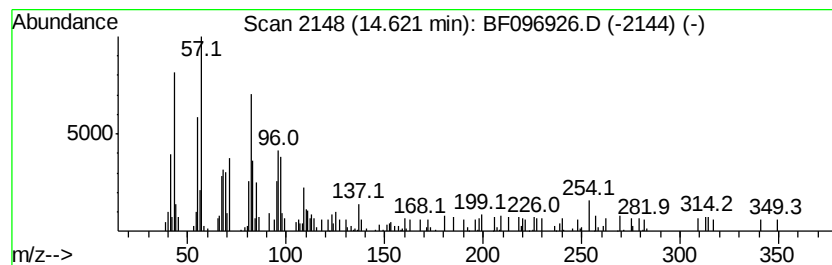
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 16-Heptadecenal Concentration Rank 10

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.62 | 2.84 ng | 81765 | Perylene-d12     | 15.07 |

| Hit# of | 5 | Tentative ID              | MW  | MolForm  | CAS#         | Qual |
|---------|---|---------------------------|-----|----------|--------------|------|
| 1       |   | 16-Heptadecenal           | 252 | C17H32O  | 1000144-57-9 | 93   |
| 2       |   | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6  | 90   |
| 3       |   | Octadecanal               | 268 | C18H36O  | 000638-66-4  | 90   |
| 4       |   | 1,15-Hexadecadiene        | 222 | C16H30   | 021964-51-2  | 89   |
| 5       |   | Oxirane, hexadecyl-       | 268 | C18H36O  | 007390-81-0  | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072017\  
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Acq On : 21 Jul 2017 00:48  
Operator : SJ/JU  
Sample : I4319-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-2(0-6)COMP

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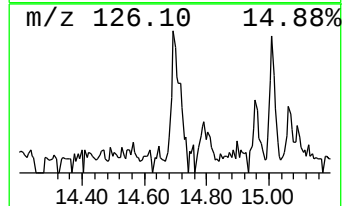
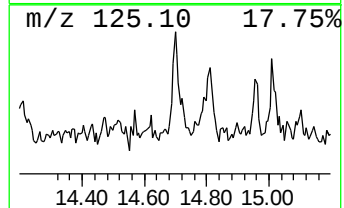
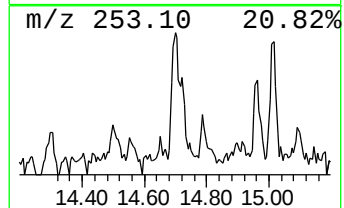
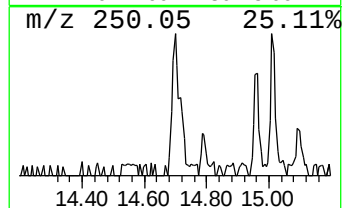
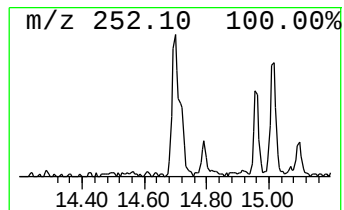
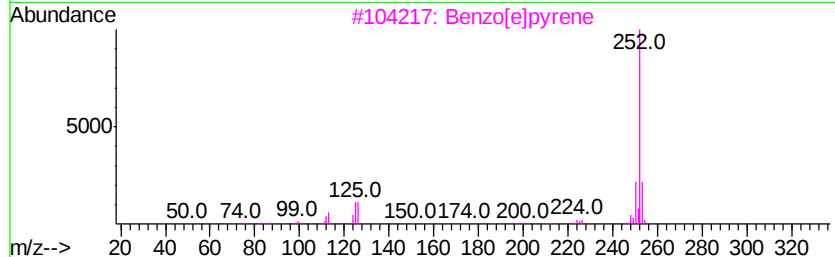
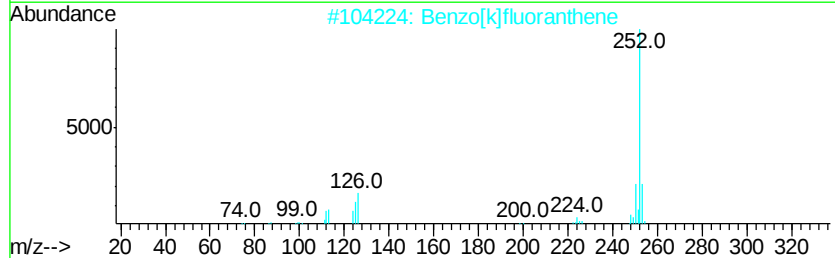
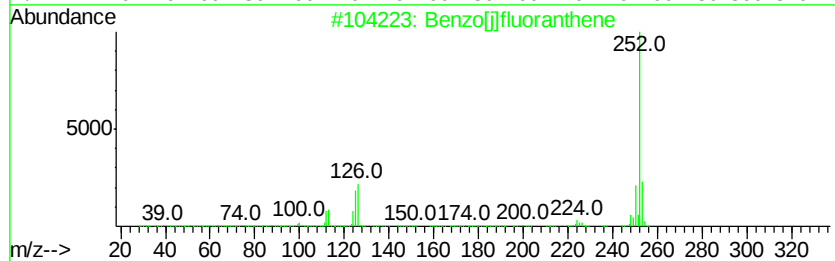
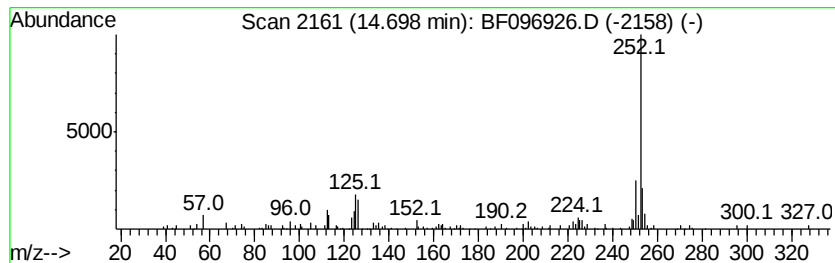
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzo[j]fluoranthene Concentration Rank 12

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.70 | 2.21 ng | 63614 | Perylene-d12     | 15.07 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[i]fluoranthene      | 252 | C20H12  | 000205-82-3 | 94   |
| 2    |    | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 93   |
| 3    |    | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 91   |
| 4    |    | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 89   |
| 5    |    | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 89   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\  
Data File : BF096926.D  
Acq On : 21 Jul 2017 00:48  
Operator : SJ/JU  
Sample : I4319-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-2(0-6)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

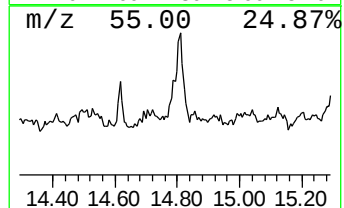
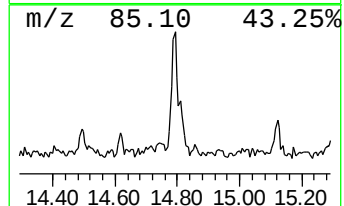
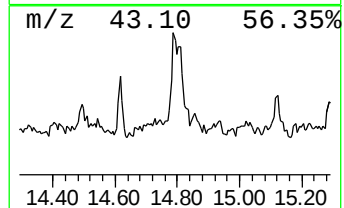
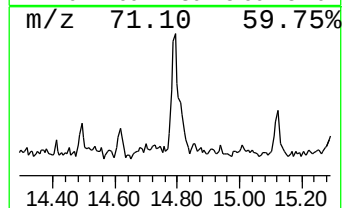
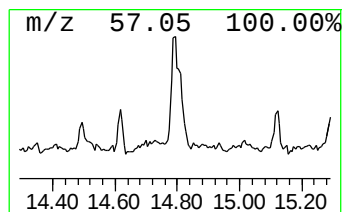
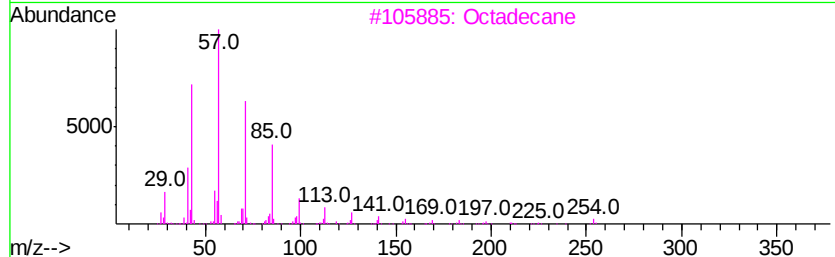
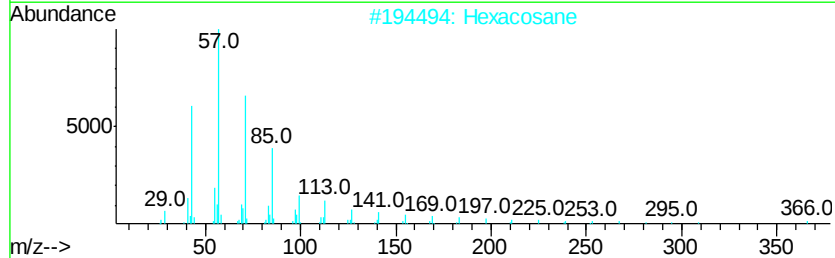
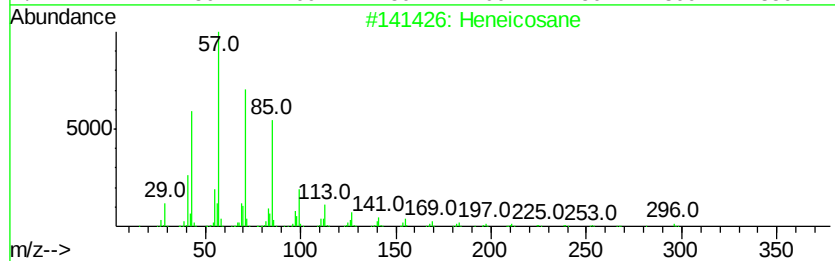
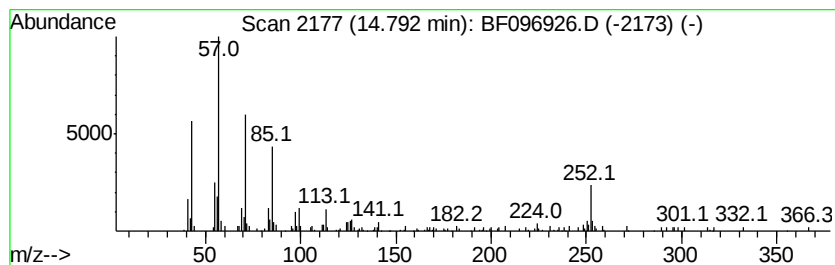
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Heneicosane Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.79 | 3.75 ng | 107774 | Perylene-d12     | 15.07 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane  | 296 | C21H44  | 000629-94-7 | 95   |
| 2    |    | Hexacosane   | 366 | C26H54  | 000630-01-3 | 86   |
| 3    |    | Octadecane   | 254 | C18H38  | 000593-45-3 | 78   |
| 4    |    | Octacosane   | 394 | C28H58  | 000630-02-4 | 76   |
| 5    |    | Tetracosane  | 338 | C24H50  | 000646-31-1 | 74   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072017\  
Data File : BF096926.D  
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Sample : I4319-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-2(0-6)COMP

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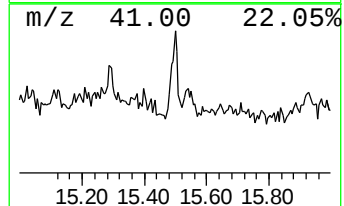
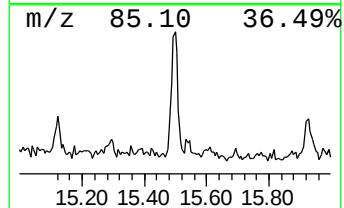
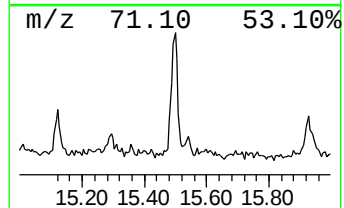
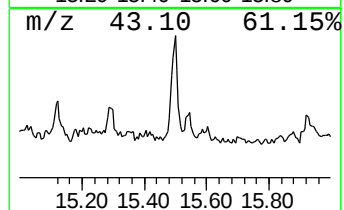
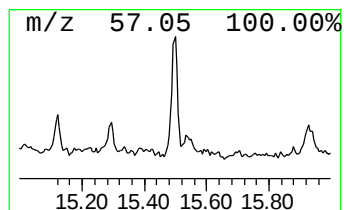
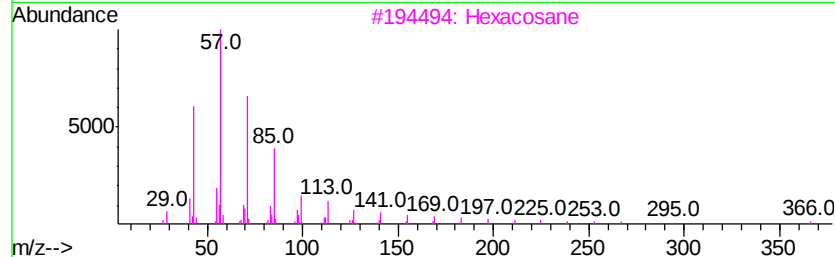
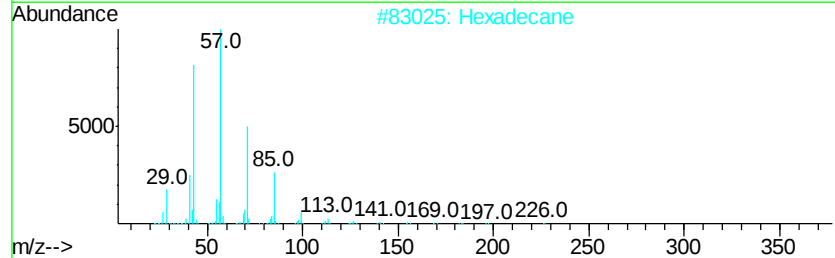
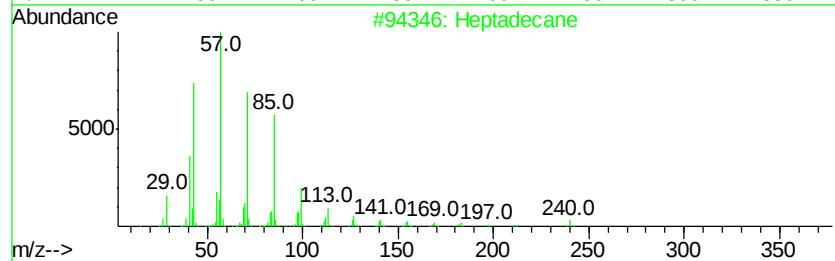
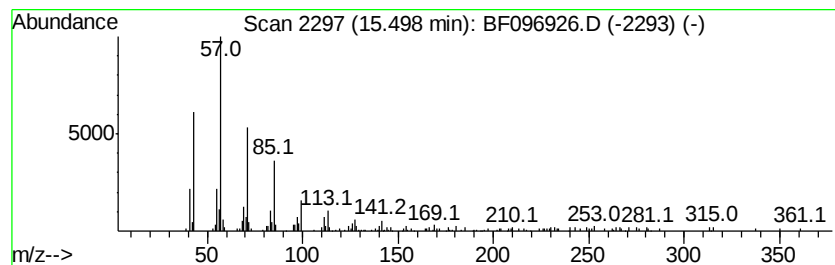
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Heptadecane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.50 | 4.39 ng | 126143 | Perylene-d12     | 15.07 |

| Hit# of | 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------|--------------|-----|---------|-------------|------|
| 1       | Heptadecane |              | 240 | C17H36  | 000629-78-7 | 94   |
| 2       | Hexadecane  |              | 226 | C16H34  | 000544-76-3 | 93   |
| 3       | Hexacosane  |              | 366 | C26H54  | 000630-01-3 | 87   |
| 4       | Heptacosane |              | 380 | C27H56  | 000593-49-7 | 87   |
| 5       | Heneicosane |              | 296 | C21H44  | 000629-94-7 | 83   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072017\  
Data File : BF096926.D  
Acq On : 21 Jul 2017 00:48  
Operator : SJ/JU  
Sample : I4319-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-2(0-6)COMP

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

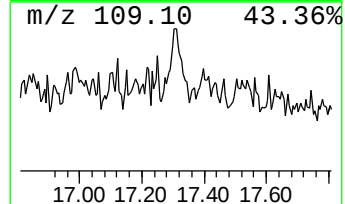
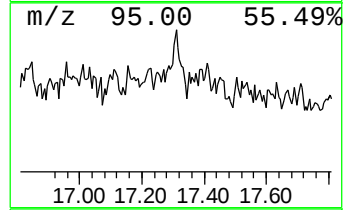
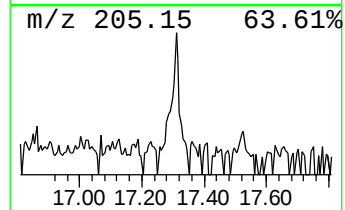
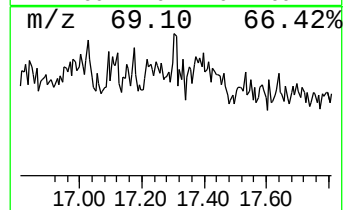
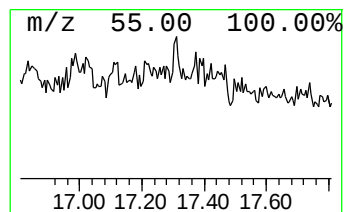
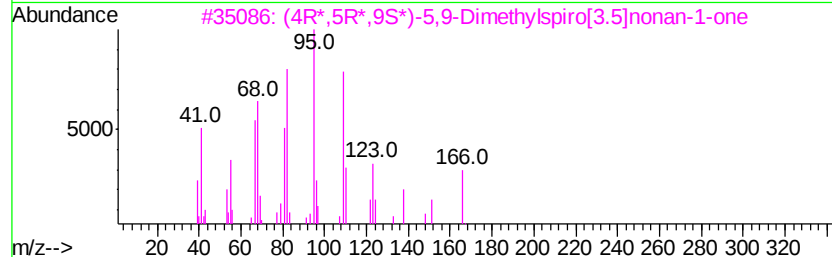
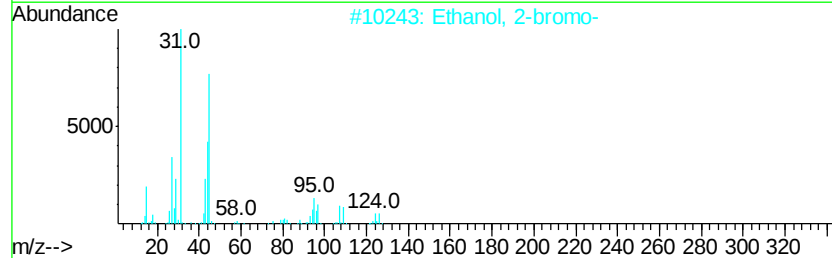
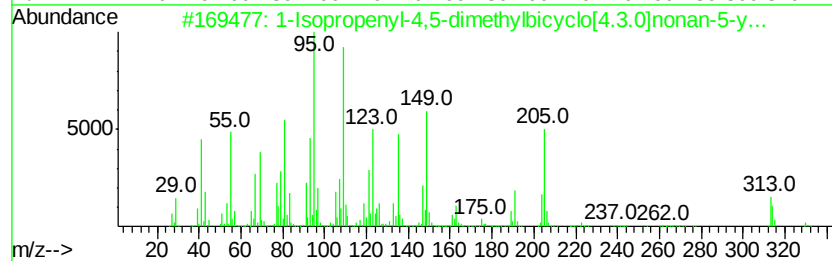
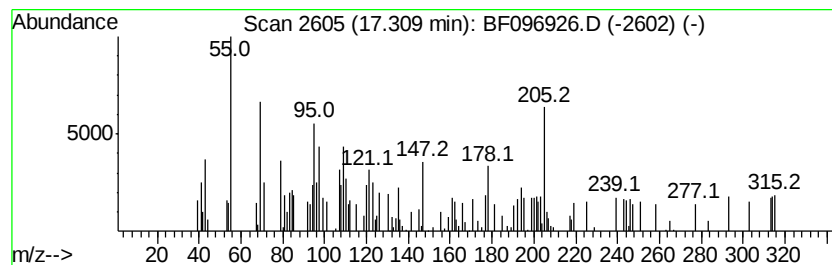
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 unknown17.31 Concentration Rank 11

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 17.31 | 2.31 ng | 66536 | Perylene-d12     | 15.07 |

| Hit# | of | 5 | Tentative ID                                          | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1-Isopropenyl-4,5-dimethylbicyclo[4.3.0]nonan-5-yl... | 330 | C21H30OS | 1000195-85-4 | 32   |
| 2    |    |   | Ethanol, 2-bromo-                                     | 124 | C2H5BrO  | 000540-51-2  | 32   |
| 3    |    |   | (4R*,5R*,9S*)-5,9-Dimethylspiro[3.5]nonan-1-one       | 166 | C11H18O  | 063088-19-7  | 22   |
| 4    |    |   | 2(1H)-Naphthalenone, octahydro-4-                     | 194 | C13H22O  | 054699-31-9  | 14   |
| 5    |    |   | 2-Cyclohexene-1-carboxaldehyde, ...                   | 220 | C15H24O  | 056772-07-7  | 12   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072017\  
 Data File : BF096926.D  
 Acq On : 21 Jul 2017 00:48  
 Operator : SJ/JU  
 Sample : I4319-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-2(0-6)COMP

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.74  | 10.2    | ng    | 315540   | 1                     | 6.57  | 618790 | 20.0 |
| unknown6.34          | 6.34  | 90.8    | ng    | 2808110  | 1                     | 6.57  | 618790 | 20.0 |
| Hexadecane           | 10.52 | 3.0     | ng    | 116253   | 4                     | 11.07 | 775183 | 20.0 |
| 9-Octadecenamide,... | 13.15 | 4.3     | ng    | 158760   | 5                     | 13.70 | 737079 | 20.0 |
| Trifluoroacetic a... | 13.57 | 7.9     | ng    | 292015   | 5                     | 13.70 | 737079 | 20.0 |
| Cyclohexadecane      | 14.20 | 3.7     | ng    | 137026   | 5                     | 13.70 | 737079 | 20.0 |
| 16-Heptadecenal      | 14.62 | 2.8     | ng    | 81765    | 6                     | 15.07 | 574889 | 20.0 |
| Benzo[j]fluoranthene | 14.70 | 2.2     | ng    | 63614    | 6                     | 15.07 | 574889 | 20.0 |
| Heneicosane          | 14.79 | 3.8     | ng    | 107774   | 6                     | 15.07 | 574889 | 20.0 |
| Heptadecane          | 15.50 | 4.4     | ng    | 126143   | 6                     | 15.07 | 574889 | 20.0 |
| unknown17.31         | 17.31 | 2.3     | ng    | 66536    | 6                     | 15.07 | 574889 | 20.0 |