

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\  
 Data File : BF095942.D  
 Acq On : 15 Jun 2017 1:41  
 Operator : SJ/MA  
 Sample : I3664-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ONSITE-001A

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-BF060517.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         | 4.516       | 494           | 498         | 518          | rBV      | 86961          | 216361        | 12.23%          | 1.334%        |
| 2         | 5.234       | 616           | 620         | 657          | rBV      | 509762         | 1177125       | 66.55%          | 7.257%        |
| 3         | 6.904       | 900           | 904         | 915          | rBV      | 876830         | 1404813       | 79.43%          | 8.661%        |
| 4         | 6.992       | 915           | 919         | 933          | rVB      | 1043256        | 1677828       | 94.86%          | 10.344%       |
| 5         | 7.334       | 973           | 977         | 992          | rVB      | 286207         | 366748        | 20.74%          | 2.261%        |
| 6         | 7.575       | 1012          | 1018        | 1036         | rBV      | 949248         | 1270497       | 71.83%          | 7.833%        |
| 7         | 8.257       | 1129          | 1134        | 1151         | rBV      | 662591         | 939688        | 53.13%          | 5.793%        |
| 8         | 9.369       | 1318          | 1323        | 1337         | rBV      | 347686         | 504253        | 28.51%          | 3.109%        |
| 9         | 11.145      | 1620          | 1625        | 1636         | rBV      | 1420327        | 1768719       | 100.00%         | 10.904%       |
| 10        | 11.839      | 1739          | 1743        | 1750         | rBV      | 163635         | 199821        | 11.30%          | 1.232%        |
| 11        | 12.186      | 1797          | 1802        | 1807         | rBV2     | 414116         | 485513        | 27.45%          | 2.993%        |
| 12        | 12.233      | 1807          | 1810        | 1818         | rVB2     | 62846          | 90286         | 5.10%           | 0.557%        |
| 13        | 12.539      | 1859          | 1862        | 1871         | rBV3     | 14016          | 23723         | 1.34%           | 0.146%        |
| 14        | 13.045      | 1944          | 1948        | 1951         | rBV      | 30316          | 33634         | 1.90%           | 0.207%        |
| 15        | 13.086      | 1951          | 1955        | 1965         | rVB      | 34528          | 53953         | 3.05%           | 0.333%        |
| 16        | 13.486      | 2019          | 2023        | 2037         | rBV      | 281703         | 425431        | 24.05%          | 2.623%        |
| 17        | 13.815      | 2074          | 2079        | 2081         | rBV      | 32478          | 44320         | 2.51%           | 0.273%        |
| 18        | 14.545      | 2198          | 2203        | 2205         | rBV4     | 24180          | 27991         | 1.58%           | 0.173%        |
| 19        | 14.580      | 2205          | 2209        | 2212         | rVV      | 340678         | 414772        | 23.45%          | 2.557%        |
| 20        | 14.615      | 2212          | 2215        | 2224         | rVB      | 289976         | 371034        | 20.98%          | 2.287%        |
| 21        | 14.710      | 2226          | 2231        | 2240         | rVB      | 66991          | 86859         | 4.91%           | 0.536%        |
| 22        | 15.021      | 2281          | 2284        | 2293         | rBV      | 19197          | 32472         | 1.84%           | 0.200%        |
| 23        | 15.227      | 2314          | 2319        | 2323         | rBV2     | 14643          | 18515         | 1.05%           | 0.114%        |
| 24        | 15.392      | 2343          | 2347        | 2350         | rBV      | 28260          | 33141         | 1.87%           | 0.204%        |
| 25        | 15.433      | 2350          | 2354        | 2360         | rVB      | 35402          | 42475         | 2.40%           | 0.262%        |
| 26        | 15.539      | 2369          | 2372        | 2376         | rVV2     | 36575          | 50319         | 2.84%           | 0.310%        |
| 27        | 15.598      | 2376          | 2382        | 2388         | rVB5     | 36600          | 69671         | 3.94%           | 0.430%        |
| 28        | 15.839      | 2418          | 2423        | 2427         | rBV2     | 28583          | 37491         | 2.12%           | 0.231%        |
| 29        | 16.204      | 2479          | 2485        | 2487         | rBV      | 17619          | 22187         | 1.25%           | 0.137%        |
| 30        | 16.327      | 2501          | 2506        | 2513         | rBV3     | 13206          | 19826         | 1.12%           | 0.122%        |
| 31        | 16.398      | 2513          | 2518        | 2524         | rBV      | 353603         | 434466        | 24.56%          | 2.679%        |
| 32        | 16.703      | 2566          | 2570        | 2576         | rBV      | 359931         | 427416        | 24.17%          | 2.635%        |
| 33        | 16.898      | 2599          | 2603        | 2608         | rBV3     | 22530          | 33656         | 1.90%           | 0.207%        |
| 34        | 16.956      | 2608          | 2613        | 2619         | rVB2     | 1103759        | 1295125       | 73.22%          | 7.985%        |

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Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ONSITE-001A

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-BF060517.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 17.039 | 2619 | 2627 | 2631 | rBV3 | 18800  | 39106  | 2.21%  | 0.241% |
| 36 | 17.151 | 2642 | 2646 | 2648 | rBV4 | 19884  | 30675  | 1.73%  | 0.189% |
| 37 | 17.174 | 2648 | 2650 | 2655 | rVB  | 34090  | 46540  | 2.63%  | 0.287% |
| 38 | 17.262 | 2661 | 2665 | 2669 | rVB  | 35442  | 46729  | 2.64%  | 0.288% |
| 39 | 17.315 | 2669 | 2674 | 2679 | rBV4 | 33776  | 73991  | 4.18%  | 0.456% |
| 40 | 17.362 | 2679 | 2682 | 2686 | rVV  | 21080  | 27810  | 1.57%  | 0.171% |
| 41 | 17.521 | 2705 | 2709 | 2715 | rBV7 | 12938  | 18178  | 1.03%  | 0.112% |
| 42 | 17.809 | 2755 | 2758 | 2763 | rVB3 | 21269  | 23457  | 1.33%  | 0.145% |
| 43 | 17.874 | 2766 | 2769 | 2772 | rBV2 | 23448  | 26389  | 1.49%  | 0.163% |
| 44 | 17.980 | 2783 | 2787 | 2789 | rBV3 | 24485  | 28366  | 1.60%  | 0.175% |
| 45 | 18.009 | 2789 | 2792 | 2795 | rVB2 | 26565  | 27883  | 1.58%  | 0.172% |
| 46 | 18.150 | 2813 | 2816 | 2820 | rBV2 | 23784  | 33445  | 1.89%  | 0.206% |
| 47 | 18.215 | 2822 | 2827 | 2836 | rVV5 | 77957  | 158293 | 8.95%  | 0.976% |
| 48 | 18.298 | 2836 | 2841 | 2845 | rVV2 | 407459 | 600714 | 33.96% | 3.704% |
| 49 | 18.333 | 2845 | 2847 | 2850 | rVV  | 114323 | 155109 | 8.77%  | 0.956% |
| 50 | 18.362 | 2850 | 2852 | 2859 | rVV  | 83995  | 108989 | 6.16%  | 0.672% |
| 51 | 18.427 | 2860 | 2863 | 2868 | rVB4 | 30255  | 38238  | 2.16%  | 0.236% |
| 52 | 18.633 | 2895 | 2898 | 2905 | rVB7 | 34463  | 55282  | 3.13%  | 0.341% |
| 53 | 18.809 | 2925 | 2928 | 2932 | rBV4 | 17716  | 28409  | 1.61%  | 0.175% |
| 54 | 19.568 | 3054 | 3057 | 3061 | rBV  | 105154 | 151328 | 8.56%  | 0.933% |
| 55 | 19.862 | 3104 | 3107 | 3110 | rVB  | 57337  | 56297  | 3.18%  | 0.347% |
| 56 | 19.921 | 3114 | 3117 | 3120 | rBV  | 78332  | 80787  | 4.57%  | 0.498% |
| 57 | 19.974 | 3122 | 3126 | 3131 | rBV  | 210690 | 264004 | 14.93% | 1.628% |

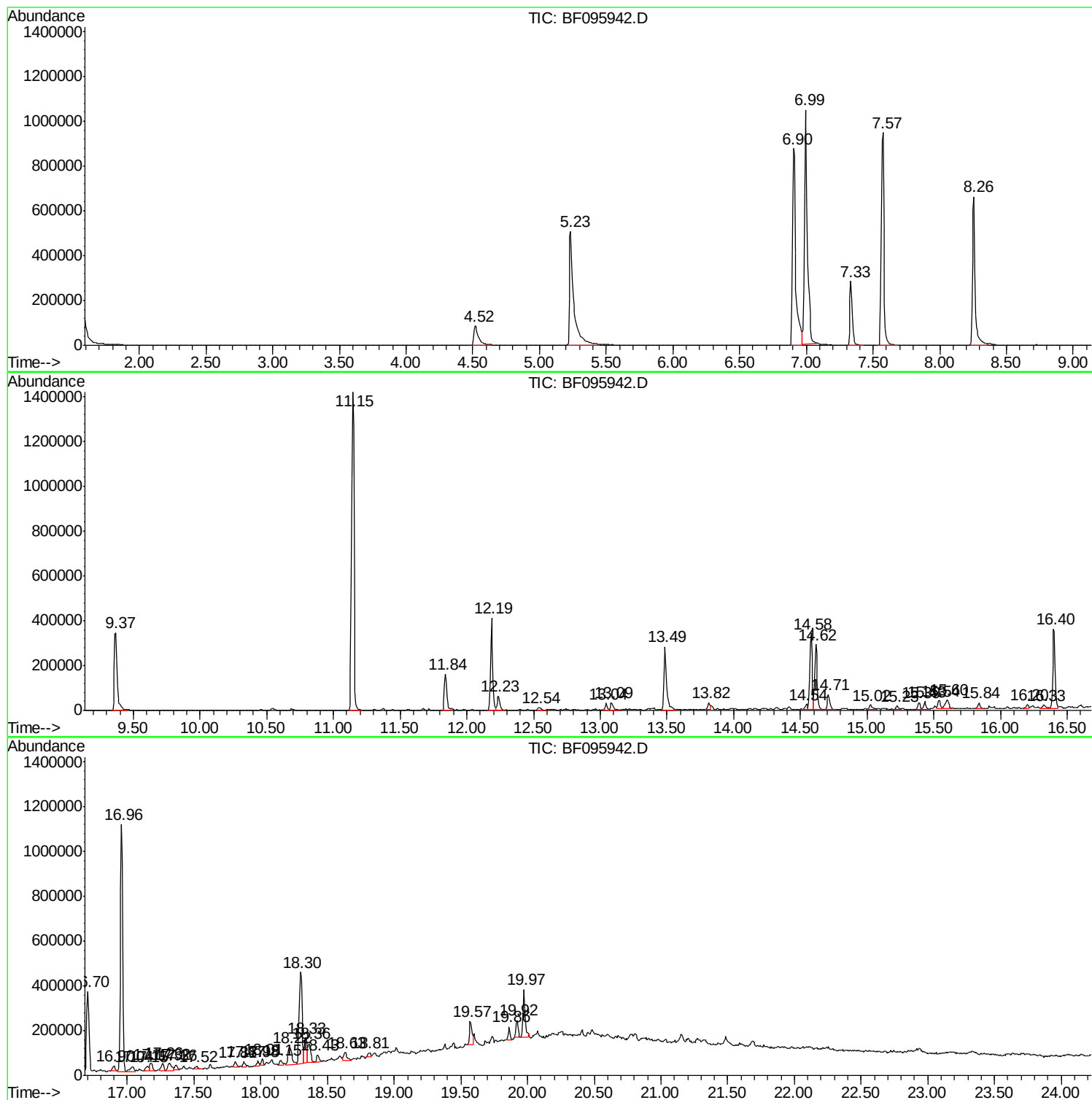
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

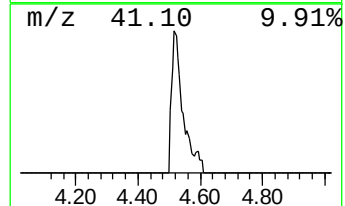
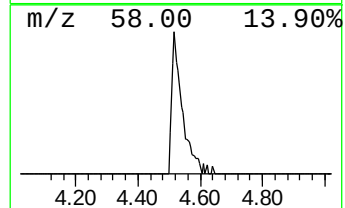
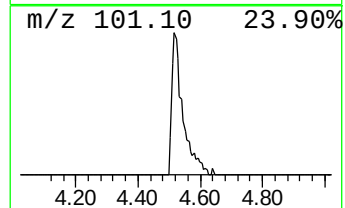
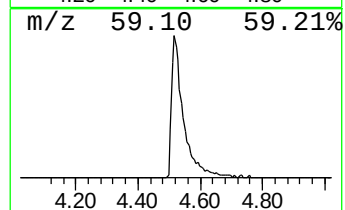
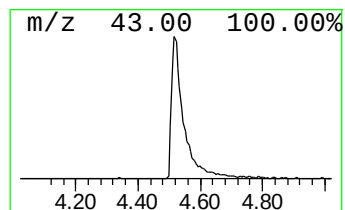
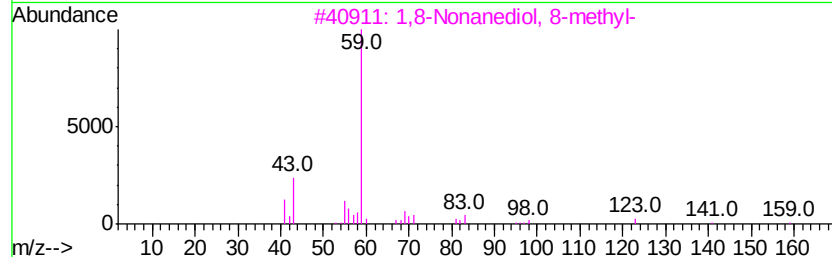
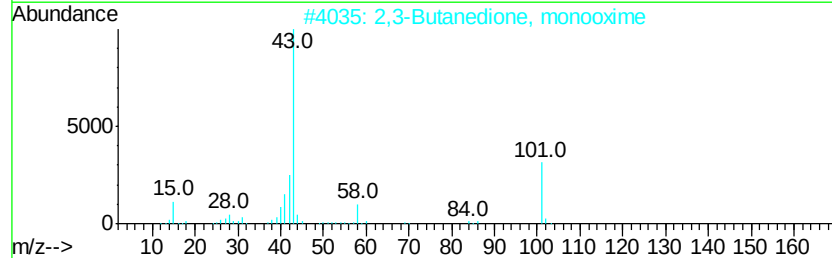
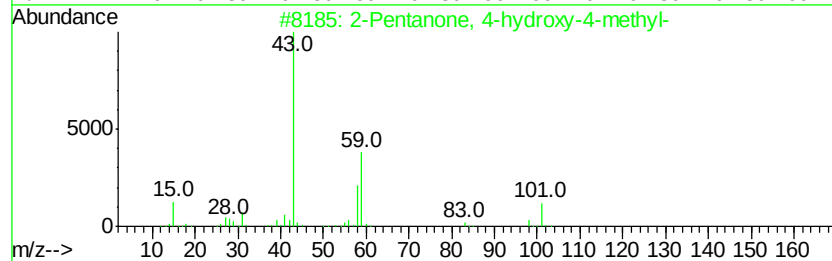
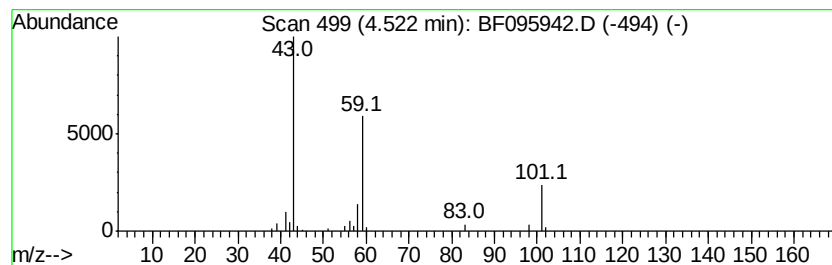
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.52 | 11.80 ng | 216361 | 1,4-Dichlorobenzene-d4 | 7.33 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 25   |
| 3    |    | 1,8-Nonanediol, 8-methyl-            | 174 | C10H22O2 | 054725-73-4 | 23   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 5    |    | 5-Hexen-2-one                        | 98  | C6H10O   | 000109-49-9 | 9    |



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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
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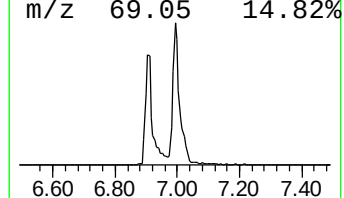
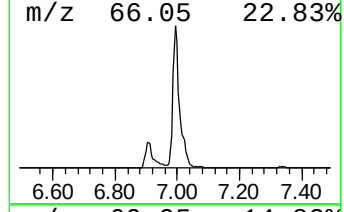
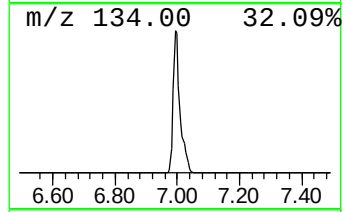
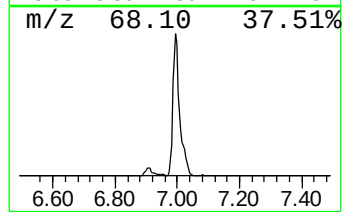
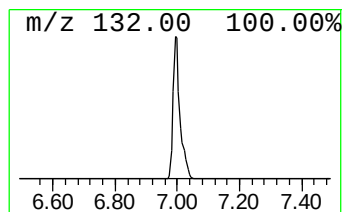
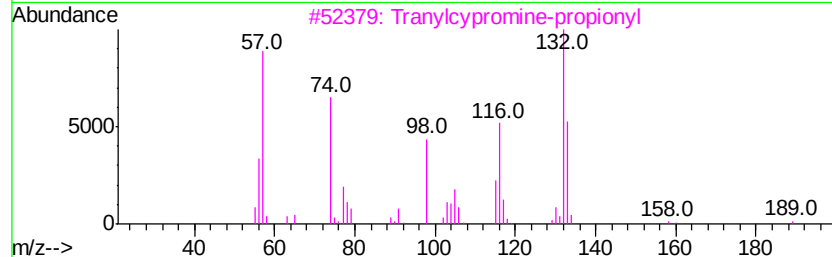
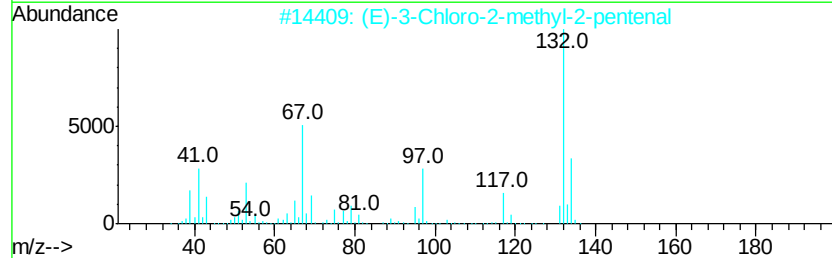
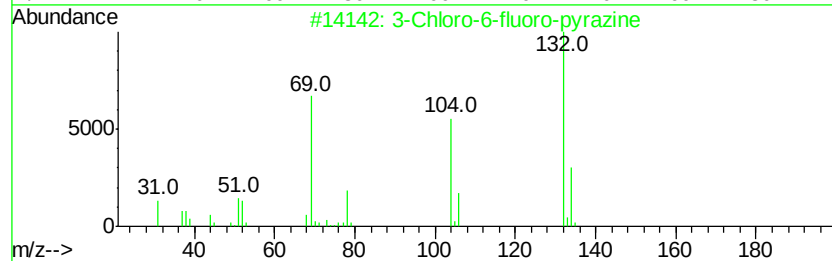
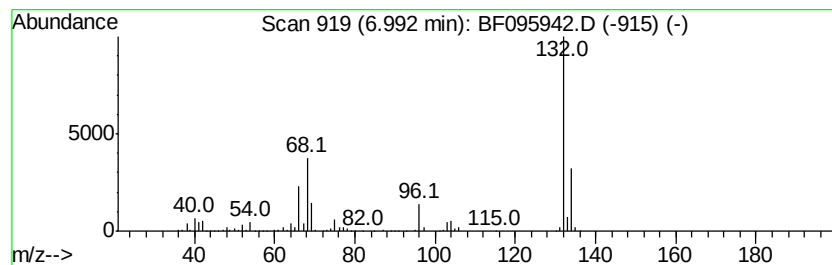
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.99 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.99 | 91.50 ng | 1677830 | 1,4-Dichlorobenzene-d4 | 7.33 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 25   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | 1H-Indazole, 7-methyl-           | 132 | C8H8N2    | 1000316-00-7 | 10   |



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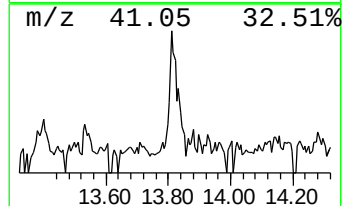
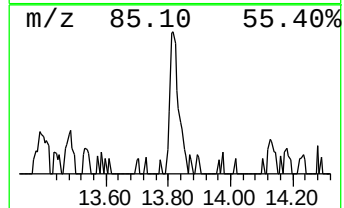
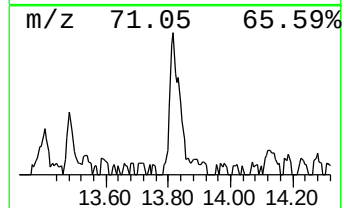
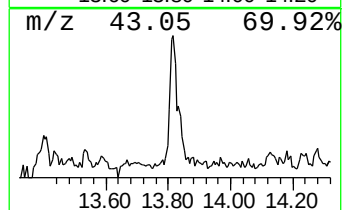
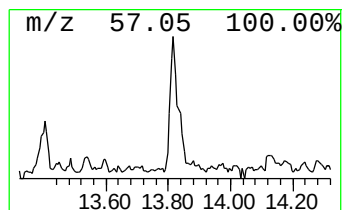
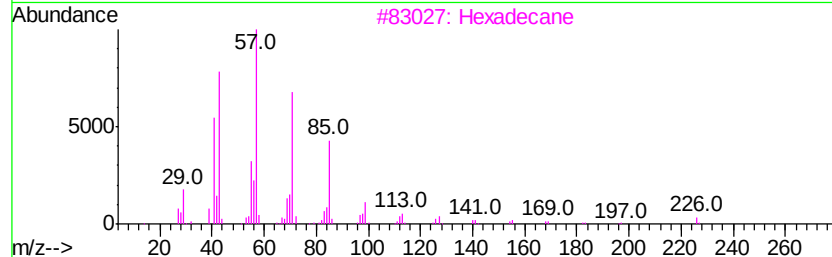
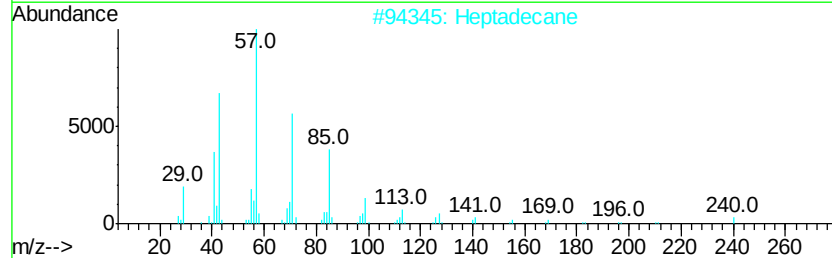
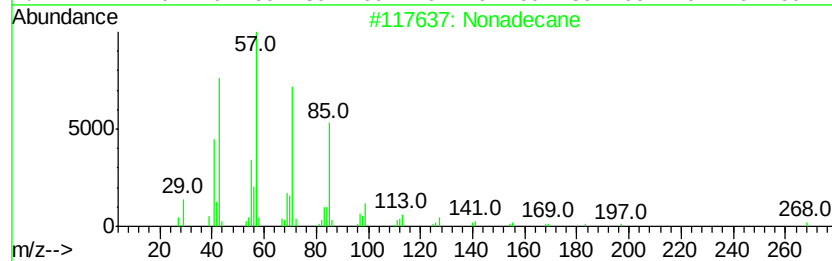
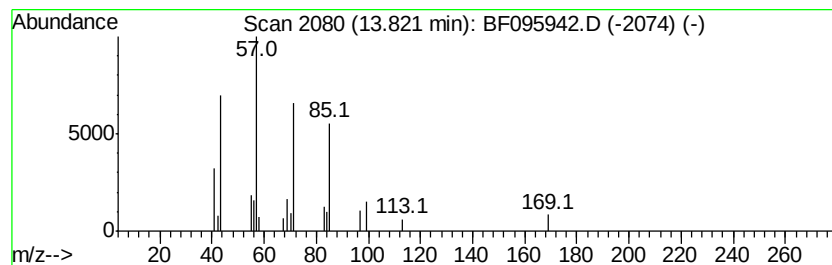
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Nonadecane Concentration Rank 10

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 13.82 | 2.14 ng | 44320 | Phenanthrene-d10 | 14.58 |

| Hit# of | 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------|--------------|-----|---------|-------------|------|
| 1       | Nonadecane  |              | 268 | C19H40  | 000629-92-5 | 91   |
| 2       | Heptadecane |              | 240 | C17H36  | 000629-78-7 | 90   |
| 3       | Hexadecane  |              | 226 | C16H34  | 000544-76-3 | 86   |
| 4       | Pentadecane |              | 212 | C15H32  | 000629-62-9 | 86   |
| 5       | Tetradecane |              | 198 | C14H30  | 000629-59-4 | 86   |



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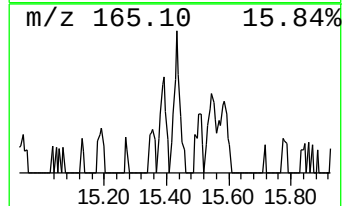
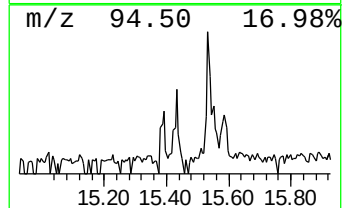
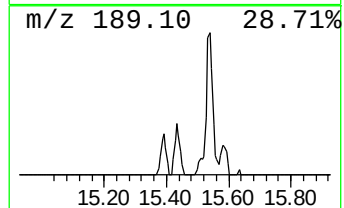
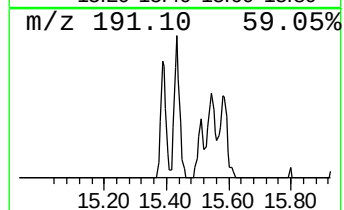
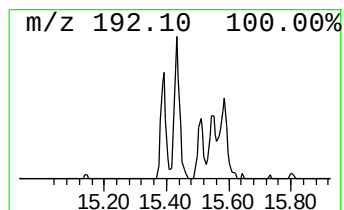
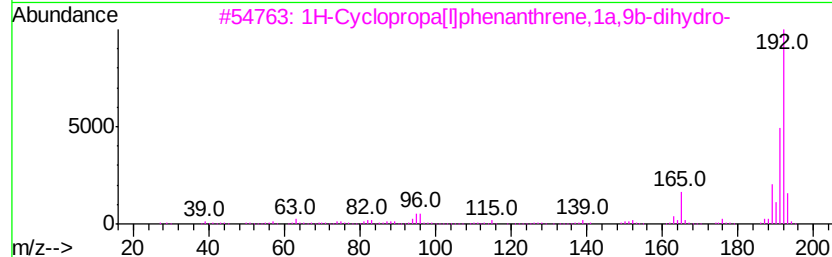
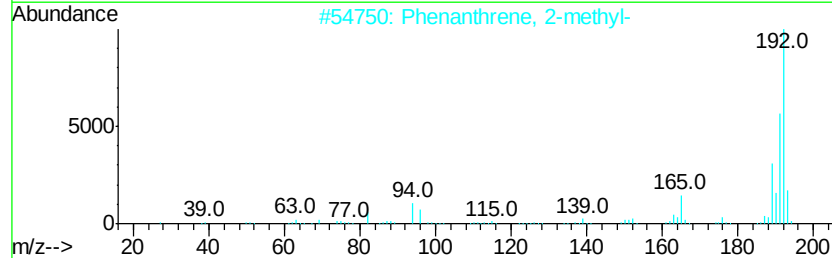
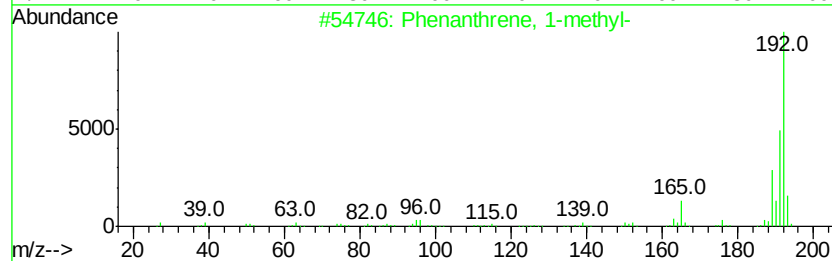
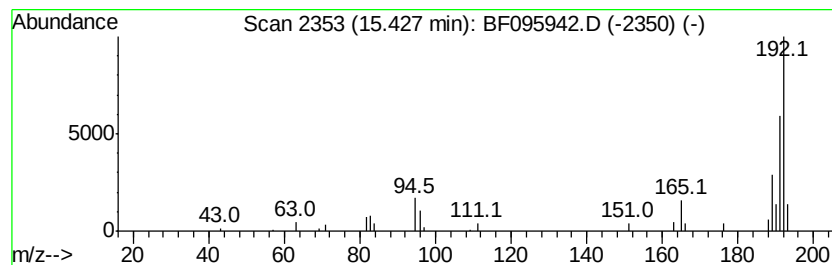
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 11

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.43 | 2.05 ng | 42475 | Phenanthrene-d10 | 14.58 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 94   |
| 2    |    | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 94   |
| 3    |    | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 93   |
| 4    |    | Anthracene, 1-methyl-               | 192 | C15H12  | 000610-48-0 | 91   |
| 5    |    | Anthracene, 9-methyl-               | 192 | C15H12  | 000779-02-2 | 91   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061417\  
Data File : BF095942.D  
Acq On : 15 Jun 2017 1:41  
Operator : SJ/MA  
Sample : I3664-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ONSITE-001A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

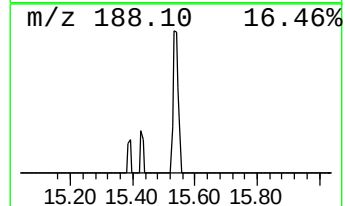
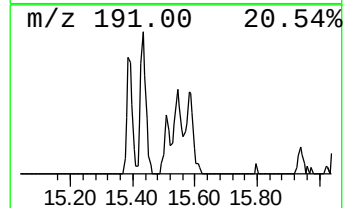
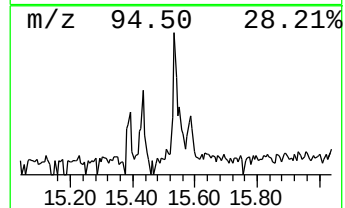
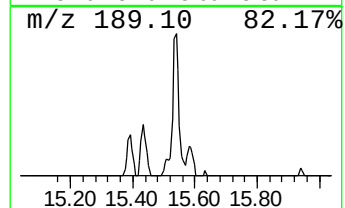
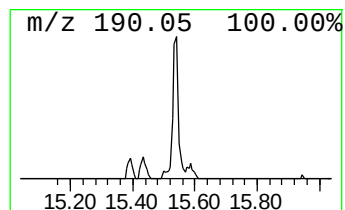
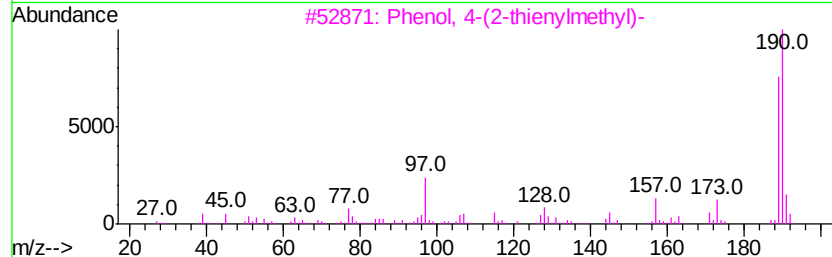
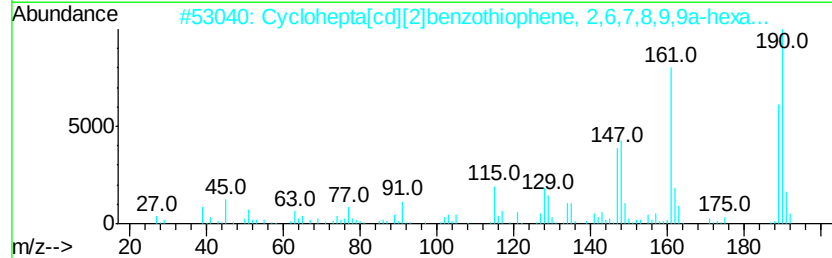
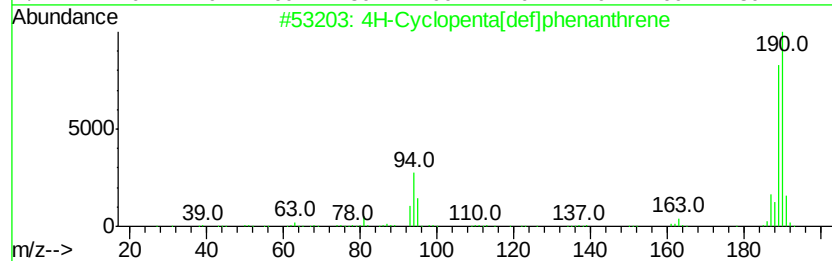
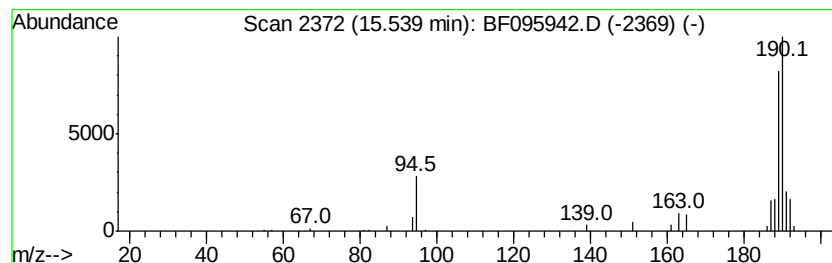
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.54 | 2.43 ng | 50319 | Phenanthrene-d10 | 14.58 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5 | 87   |
| 2       |   | Cyclohepta[cd][2]benzothiophene,... | 190 | C12H14S    | 199807-57-3 | 64   |
| 3       |   | Phenol, 4-(2-thienylmethyl)-        | 190 | C11H10OS   | 091680-55-6 | 64   |
| 4       |   | 6H-Cyclobuta[1k]phenanthrene        | 190 | C15H10     | 083469-43-6 | 42   |
| 5       |   | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 40   |





Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061417\  
Data File : BF095942.D  
Acq On : 15 Jun 2017 1:41  
Operator : SJ/MA  
Sample : I3664-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ONSITE-001A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

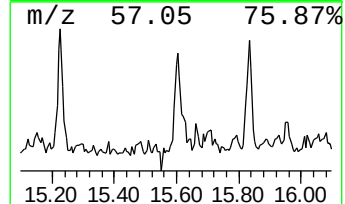
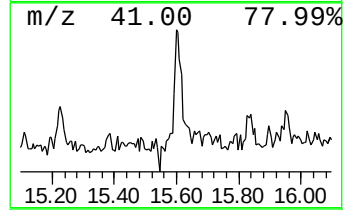
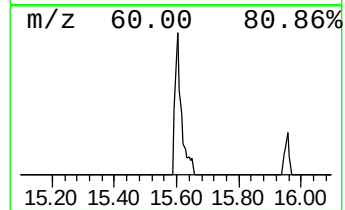
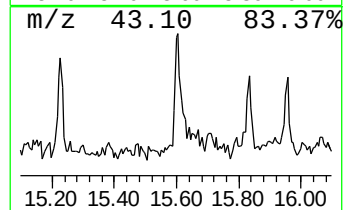
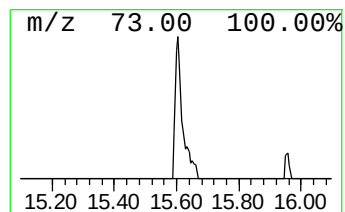
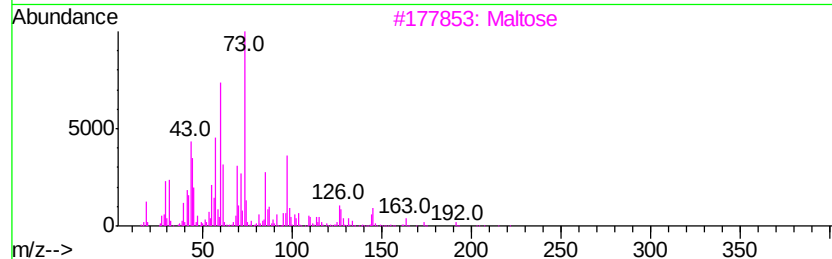
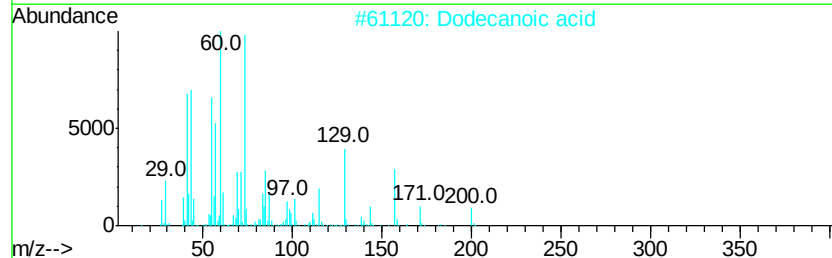
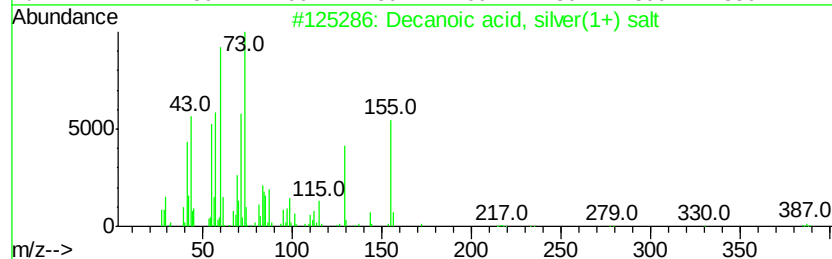
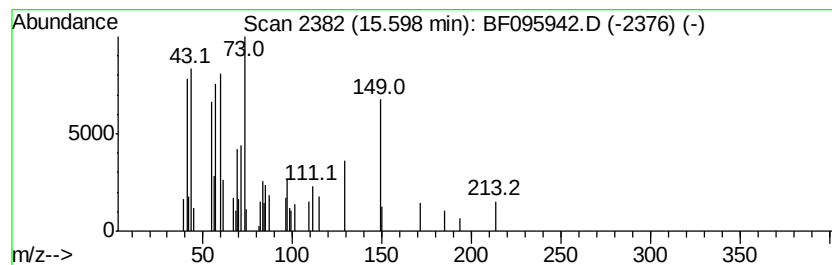
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Decanoic acid, silver(1+) salt Concentration Rank 6

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.60 | 3.36 ng | 69671 | Phenanthrene-d10 | 14.58 |

| Hit# | of | Tentative ID                   | MW  | MolForm    | CAS#        | Qual |
|------|----|--------------------------------|-----|------------|-------------|------|
| 1    | 5  | Decanoic acid, silver(1+) salt | 278 | C10H19AgO2 | 013126-67-5 | 50   |
| 2    |    | Dodecanoic acid                | 200 | C12H24O2   | 000143-07-7 | 49   |
| 3    |    | Maltose                        | 342 | C12H22O11  | 000069-79-4 | 35   |
| 4    |    | 1-Dodecanol, 2-hexyl-          | 270 | C18H38O    | 110225-00-8 | 25   |
| 5    |    | 1-Dodecanol, 2-octyl-          | 298 | C20H42O    | 005333-42-6 | 14   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\  
Data File : BF095942.D  
Acq On : 15 Jun 2017 1:41  
Operator : SJ/MA  
Sample : I3664-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ONSITE-001A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

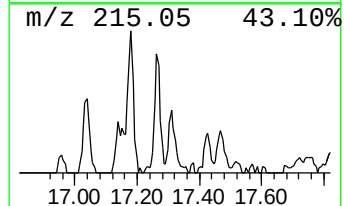
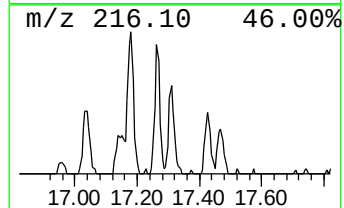
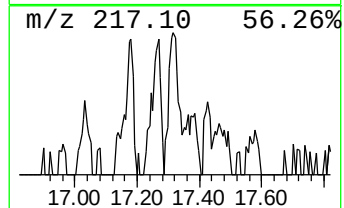
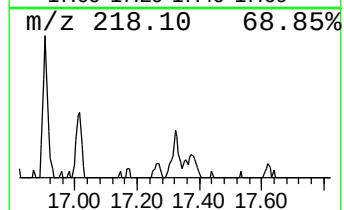
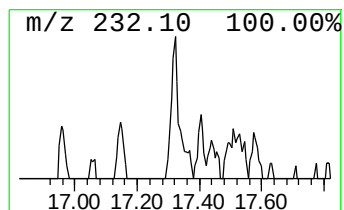
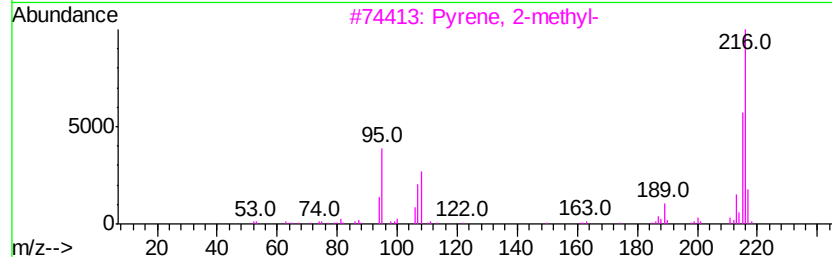
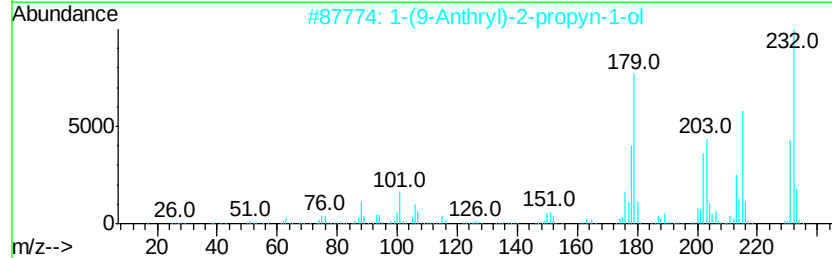
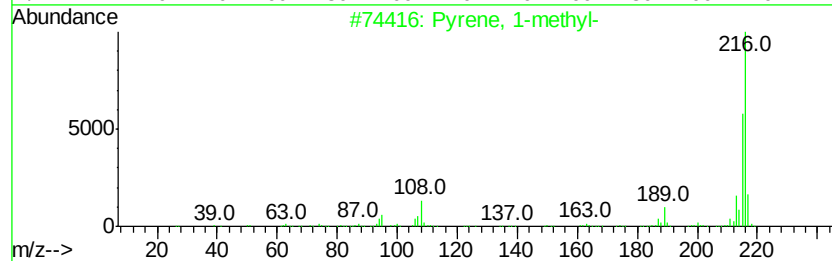
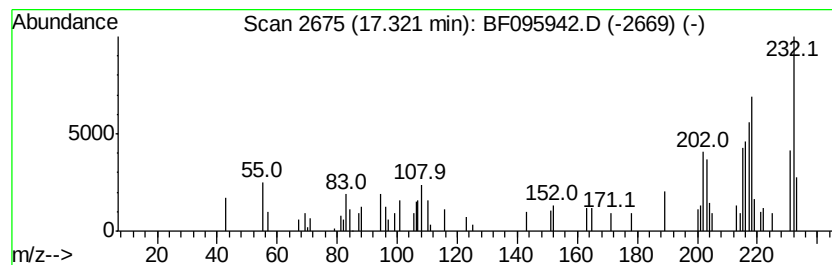
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 17.32 | 2.46 ng | 73991 | Chrysene-d12     | 18.30 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Pyrene, 1-methyl-                   | 216 | C17H12    | 002381-21-7 | 89   |
| 2    |    | 1-(9-Anthryl)-2-propyn-1-ol         | 232 | C17H12O   | 031067-61-5 | 80   |
| 3    |    | Pyrene, 2-methyl-                   | 216 | C17H12    | 003442-78-2 | 50   |
| 4    |    | 5-(2-Propenylidene)-10,11-dihydr... | 232 | C18H16    | 024755-73-5 | 45   |
| 5    |    | Benzenamine, 2-chloro-N-(3-pyrid... | 216 | C12H9ClN2 | 041855-59-8 | 43   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061417\  
Data File : BF095942.D  
Acq On : 15 Jun 2017 1:41  
Operator : SJ/MA  
Sample : I3664-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

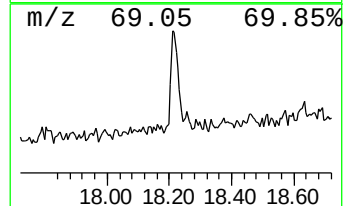
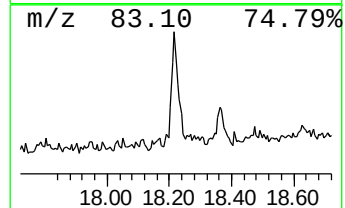
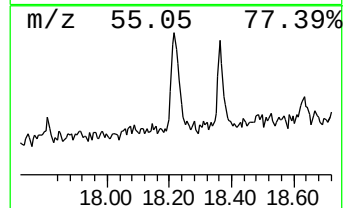
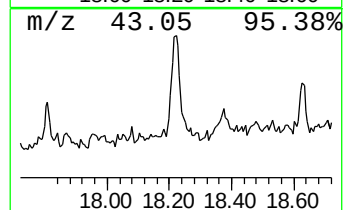
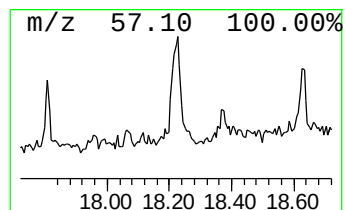
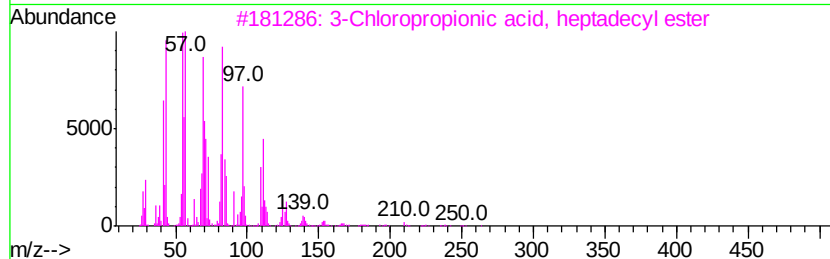
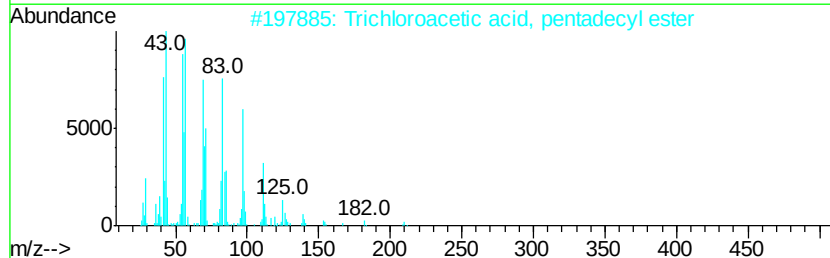
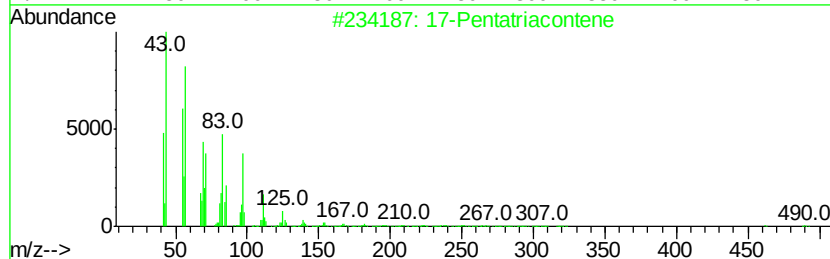
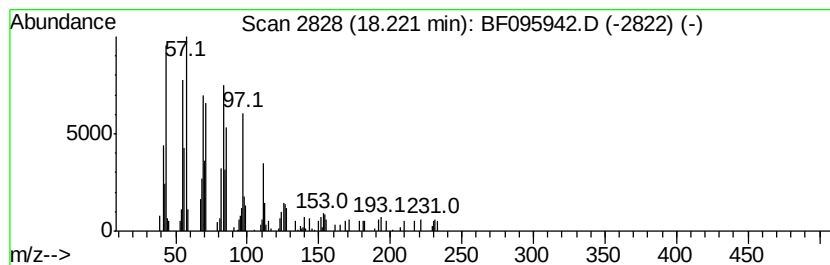
Instrument :  
BNA\_F  
ClientSampleId :  
ONSITE-001A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 17-Pentatriacontene Concentration Rank 4

| R.T.    | EstConc                             | Area            | Relative to ISTD | R.T.      |
|---------|-------------------------------------|-----------------|------------------|-----------|
| 18.22   | 5.27 ng                             | 158293          | Chrysene-d12     | 18.30     |
| Hit# of | 5                                   | Tentative ID    | MW MolForm       | CAS# Qual |
| 1       | 17-Pentatriacontene                 | 491 C35H70      | 006971-40-0      | 91        |
| 2       | Trichloroacetic acid, pentadecyl... | 372 C17H31Cl3O2 | 074339-53-0      | 62        |
| 3       | 3-Chloropropionic acid, heptadec... | 346 C20H39ClO2  | 1000283-05-1     | 62        |
| 4       | Trichloroacetic acid, hexadecyl ... | 386 C18H33Cl3O2 | 074339-54-1      | 62        |
| 5       | Pentafluoropropionic acid, hepta... | 402 C20H35F5O2  | 959218-78-1      | 62        |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061417\  
Data File : BF095942.D  
Acq On : 15 Jun 2017 1:41  
Operator : SJ/MA  
Sample : I3664-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ONSITE-001A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

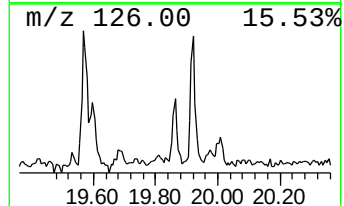
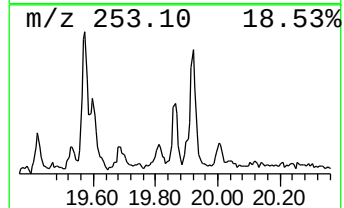
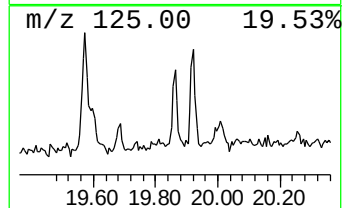
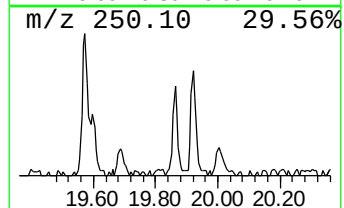
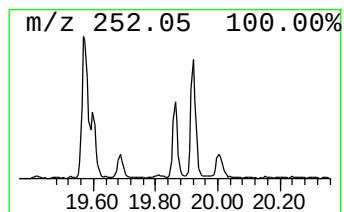
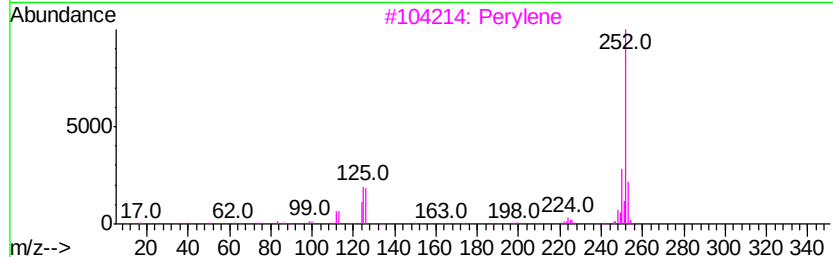
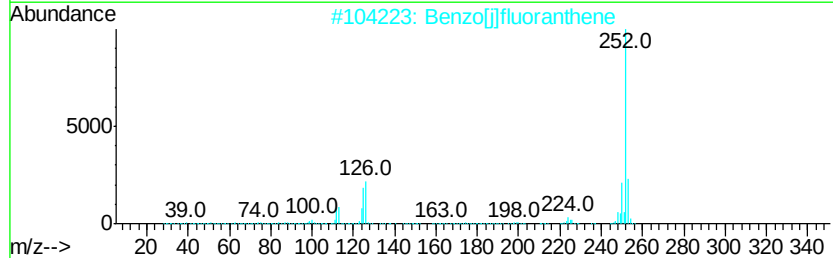
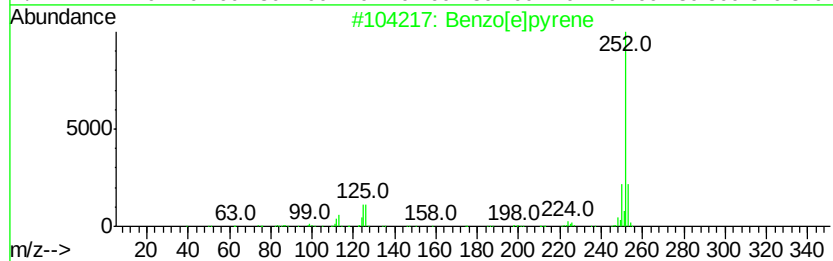
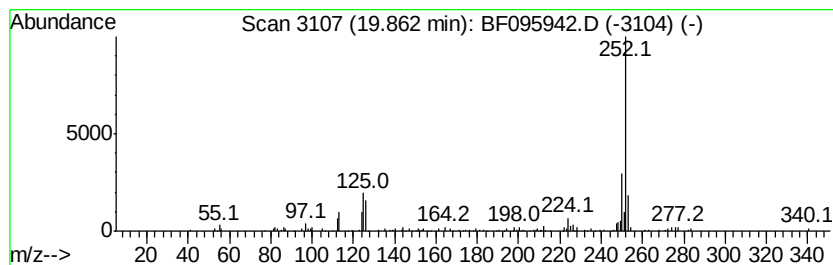
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Benzo[e]pyrene Concentration Rank 5

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 19.86 | 4.26 ng | 56297 | Perylene-d12     | 19.97 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 96   |
| 2    |    | Benzo[il]fluoranthene     | 252 | C20H12  | 000205-82-3 | 93   |
| 3    |    | Perylene                  | 252 | C20H12  | 000198-55-0 | 93   |
| 4    |    | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 93   |
| 5    |    | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 93   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061417\  
Data File : BF095942.D  
Acq On : 15 Jun 2017 1:41  
Operator : SJ/MA  
Sample : I3664-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ONSITE-001A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060517.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... | 4.52  | 11.8    | ng    | 216361   | 1                     | 7.33  | 366748 | 20.0 |
| unknown6.99          | 6.99  | 91.5    | ng    | 1677830  | 1                     | 7.33  | 366748 | 20.0 |
| Nonadecane           | 13.82 | 2.1     | ng    | 44320    | 4                     | 14.58 | 414772 | 20.0 |
| Phenanthrene, 1-m... | 15.43 | 2.0     | ng    | 42475    | 4                     | 14.58 | 414772 | 20.0 |
| 4H-Cyclopenta[def... | 15.54 | 2.4     | ng    | 50319    | 4                     | 14.58 | 414772 | 20.0 |
| Decanoic acid, si... | 15.60 | 3.4     | ng    | 69671    | 4                     | 14.58 | 414772 | 20.0 |
| Pyrene, 1-methyl-    | 17.32 | 2.5     | ng    | 73991    | 5                     | 18.30 | 600714 | 20.0 |
| 17-Pentatriacontene  | 18.22 | 5.3     | ng    | 158293   | 5                     | 18.30 | 600714 | 20.0 |
| Benzo[e]pyrene       | 19.86 | 4.3     | ng    | 56297    | 6                     | 19.97 | 264004 | 20.0 |