

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\  
 Data File : BF095324.D  
 Acq On : 22 May 2017 20:34  
 Operator : SJ/MA  
 Sample : I3257-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCC-JM-COMPOST

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-BF050217.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         | 5.119       | 537           | 541         | 553          | rBV      | 79674          | 199943        | 7.54%           | 0.568%        |
| 2         | 5.719       | 639           | 643         | 671          | rBV      | 827779         | 1995133       | 75.26%          | 5.667%        |
| 3         | 7.295       | 907           | 911         | 928          | rBV      | 917787         | 1738186       | 65.57%          | 4.937%        |
| 4         | 7.419       | 928           | 932         | 949          | rVB      | 1296638        | 2106562       | 79.46%          | 5.983%        |
| 5         | 7.754       | 985           | 989         | 1004         | rVB      | 341281         | 446171        | 16.83%          | 1.267%        |
| 6         | 7.995       | 1025          | 1030        | 1042         | rBV      | 1164063        | 1527695       | 57.63%          | 4.339%        |
| 7         | 8.654       | 1138          | 1142        | 1161         | rBV      | 633045         | 1124185       | 42.41%          | 3.193%        |
| 8         | 9.778       | 1329          | 1333        | 1354         | rBV      | 406337         | 691051        | 26.07%          | 1.963%        |
| 9         | 11.548      | 1628          | 1634        | 1648         | rBV      | 1624518        | 2309319       | 87.11%          | 6.559%        |
| 10        | 12.248      | 1749          | 1753        | 1764         | rVV      | 160124         | 255020        | 9.62%           | 0.724%        |
| 11        | 12.607      | 1809          | 1814        | 1823         | rBV2     | 494133         | 768158        | 28.98%          | 2.182%        |
| 12        | 12.848      | 1850          | 1855        | 1862         | rBV7     | 14220          | 29299         | 1.11%           | 0.083%        |
| 13        | 13.436      | 1952          | 1955        | 1961         | rVB      | 32702          | 38359         | 1.45%           | 0.109%        |
| 14        | 13.907      | 2030          | 2035        | 2048         | rBV      | 694842         | 1125812       | 42.47%          | 3.198%        |
| 15        | 14.213      | 2084          | 2087        | 2093         | rBV      | 32221          | 41837         | 1.58%           | 0.119%        |
| 16        | 14.418      | 2118          | 2122        | 2127         | rBV2     | 45503          | 55931         | 2.11%           | 0.159%        |
| 17        | 14.654      | 2156          | 2162        | 2168         | rBV7     | 13350          | 33656         | 1.27%           | 0.096%        |
| 18        | 15.012      | 2218          | 2223        | 2233         | rBV      | 380805         | 573675        | 21.64%          | 1.629%        |
| 19        | 15.101      | 2235          | 2238        | 2243         | rVV6     | 34852          | 55634         | 2.10%           | 0.158%        |
| 20        | 15.154      | 2243          | 2247        | 2251         | rVV5     | 21901          | 38000         | 1.43%           | 0.108%        |
| 21        | 15.195      | 2251          | 2254        | 2258         | rVV      | 100025         | 123316        | 4.65%           | 0.350%        |
| 22        | 15.236      | 2258          | 2261        | 2265         | rVV      | 82600          | 98293         | 3.71%           | 0.279%        |
| 23        | 15.354      | 2276          | 2281        | 2290         | rVB7     | 27069          | 49351         | 1.86%           | 0.140%        |
| 24        | 15.477      | 2299          | 2302        | 2306         | rBV2     | 40078          | 44700         | 1.69%           | 0.127%        |
| 25        | 15.695      | 2335          | 2339        | 2345         | rBV3     | 32954          | 52626         | 1.99%           | 0.149%        |
| 26        | 15.759      | 2345          | 2350        | 2356         | rVB5     | 38030          | 62162         | 2.34%           | 0.177%        |
| 27        | 15.859      | 2361          | 2367        | 2369         | rBV5     | 27526          | 48600         | 1.83%           | 0.138%        |
| 28        | 15.907      | 2370          | 2375        | 2381         | rVB3     | 28718          | 57223         | 2.16%           | 0.163%        |
| 29        | 15.971      | 2381          | 2386        | 2393         | rBV      | 303578         | 389973        | 14.71%          | 1.108%        |
| 30        | 16.042      | 2395          | 2398        | 2404         | rVB2     | 98062          | 111277        | 4.20%           | 0.316%        |
| 31        | 16.195      | 2418          | 2424        | 2425         | rBV5     | 24821          | 34889         | 1.32%           | 0.099%        |
| 32        | 16.218      | 2425          | 2428        | 2438         | rVB5     | 28621          | 65138         | 2.46%           | 0.185%        |
| 33        | 16.336      | 2444          | 2448        | 2451         | rVB6     | 19697          | 28372         | 1.07%           | 0.081%        |
| 34        | 16.812      | 2522          | 2529        | 2536         | rBV2     | 62295          | 154383        | 5.82%           | 0.438%        |

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 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCC-JM-COMPOST

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-BF050217.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 16.942 | 2548 | 2551 | 2553 | rVV3 | 50082   | 64281   | 2.42%   | 0.183% |
| 36 | 16.965 | 2553 | 2555 | 2562 | rVV3 | 54768   | 73702   | 2.78%   | 0.209% |
| 37 | 17.054 | 2566 | 2570 | 2574 | rVV  | 97655   | 138799  | 5.24%   | 0.394% |
| 38 | 17.101 | 2575 | 2578 | 2587 | rVB  | 60896   | 117461  | 4.43%   | 0.334% |
| 39 | 17.324 | 2612 | 2616 | 2623 | rBV  | 1179121 | 1459952 | 55.07%  | 4.147% |
| 40 | 17.642 | 2667 | 2670 | 2673 | rBV3 | 36405   | 41286   | 1.56%   | 0.117% |
| 41 | 17.683 | 2674 | 2677 | 2679 | rBV4 | 22675   | 28690   | 1.08%   | 0.081% |
| 42 | 17.765 | 2687 | 2691 | 2695 | rBV6 | 20899   | 40147   | 1.51%   | 0.114% |
| 43 | 17.859 | 2703 | 2707 | 2710 | rBV3 | 146467  | 195617  | 7.38%   | 0.556% |
| 44 | 17.895 | 2710 | 2713 | 2717 | rVB  | 184345  | 194882  | 7.35%   | 0.554% |
| 45 | 17.965 | 2722 | 2725 | 2729 | rVV3 | 70946   | 91814   | 3.46%   | 0.261% |
| 46 | 18.059 | 2739 | 2741 | 2745 | rVB  | 38696   | 35909   | 1.35%   | 0.102% |
| 47 | 18.130 | 2750 | 2753 | 2754 | rBV2 | 31172   | 29812   | 1.12%   | 0.085% |
| 48 | 18.571 | 2824 | 2828 | 2832 | rBV  | 98485   | 128018  | 4.83%   | 0.364% |
| 49 | 18.612 | 2832 | 2835 | 2840 | rVB  | 65496   | 89171   | 3.36%   | 0.253% |
| 50 | 18.683 | 2842 | 2847 | 2851 | rBV  | 440268  | 606923  | 22.89%  | 1.724% |
| 51 | 19.359 | 2958 | 2962 | 2970 | rBV2 | 177842  | 280660  | 10.59%  | 0.797% |
| 52 | 19.800 | 3034 | 3037 | 3041 | rVB  | 159757  | 166934  | 6.30%   | 0.474% |
| 53 | 20.083 | 3081 | 3085 | 3092 | rBV  | 983432  | 1153174 | 43.50%  | 3.275% |
| 54 | 20.306 | 3120 | 3123 | 3128 | rBV2 | 105147  | 154831  | 5.84%   | 0.440% |
| 55 | 20.359 | 3128 | 3132 | 3140 | rVV  | 322872  | 447695  | 16.89%  | 1.272% |
| 56 | 20.706 | 3187 | 3191 | 3201 | rVB  | 185524  | 323596  | 12.21%  | 0.919% |
| 57 | 20.818 | 3204 | 3210 | 3216 | rBV  | 947377  | 1361075 | 51.34%  | 3.866% |
| 58 | 20.906 | 3222 | 3225 | 3229 | rBV4 | 76549   | 119938  | 4.52%   | 0.341% |
| 59 | 21.030 | 3242 | 3246 | 3254 | rVB  | 298581  | 500119  | 18.86%  | 1.420% |
| 60 | 21.753 | 3365 | 3369 | 3374 | rVB2 | 171739  | 274841  | 10.37%  | 0.781% |
| 61 | 22.171 | 3429 | 3440 | 3449 | rBV6 | 758020  | 2651061 | 100.00% | 7.530% |
| 62 | 22.294 | 3458 | 3461 | 3473 | rVB3 | 252604  | 557191  | 21.02%  | 1.583% |
| 63 | 22.512 | 3492 | 3498 | 3506 | rBV2 | 371297  | 1257984 | 47.45%  | 3.573% |
| 64 | 22.594 | 3507 | 3512 | 3524 | rVB4 | 585444  | 1603055 | 60.47%  | 4.553% |
| 65 | 22.718 | 3529 | 3533 | 3540 | rVB6 | 106771  | 217032  | 8.19%   | 0.616% |
| 66 | 22.806 | 3541 | 3548 | 3551 | rBV4 | 395107  | 950106  | 35.84%  | 2.699% |
| 67 | 22.924 | 3564 | 3568 | 3576 | rVB4 | 235924  | 524763  | 19.79%  | 1.490% |
| 68 | 23.012 | 3577 | 3583 | 3592 | rVB3 | 278935  | 685837  | 25.87%  | 1.948% |
| 69 | 23.712 | 3695 | 3702 | 3717 | rVB7 | 181282  | 608572  | 22.96%  | 1.728% |
| 70 | 23.865 | 3718 | 3728 | 3743 | rVB3 | 501499  | 1559278 | 58.82%  | 4.429% |

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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

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-BF050217.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 35208135



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Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

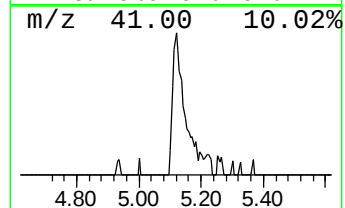
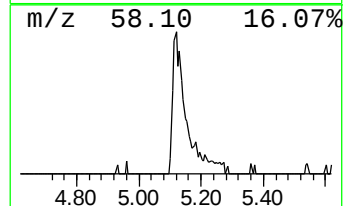
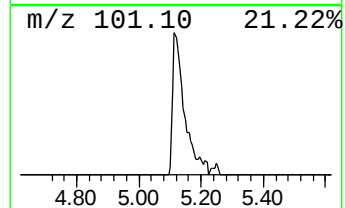
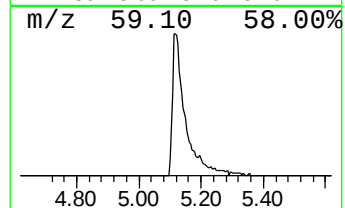
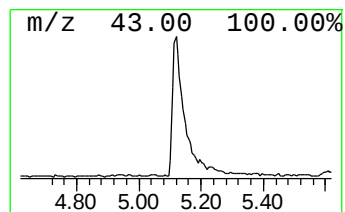
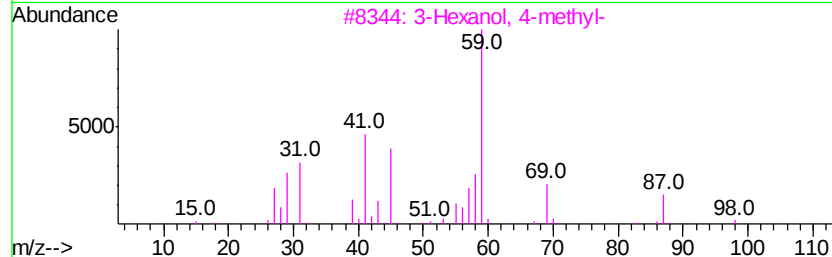
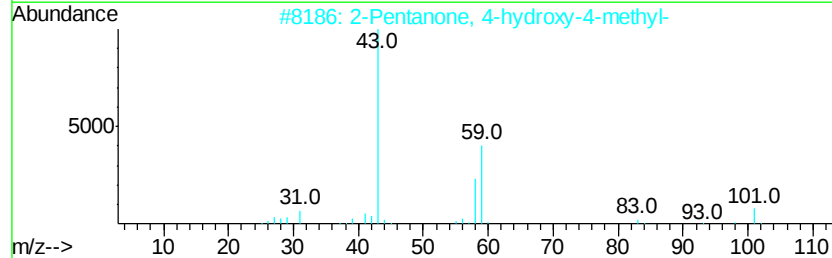
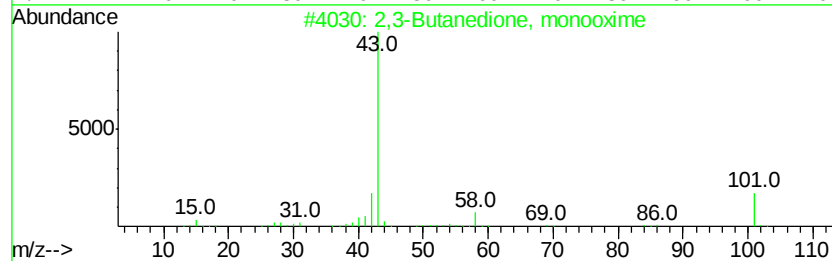
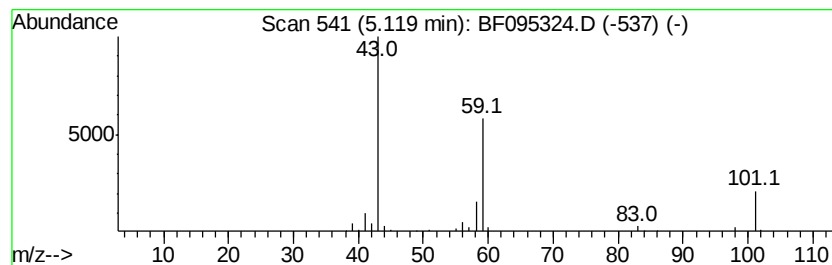
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown5.12 Concentration Rank 20

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.12 | 8.96 ng | 199943 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 43   |
| 2    |    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 40   |
| 3    |    | 3-Hexanol, 4-methyl-             | 116 | C7H16O  | 000615-29-2 | 37   |
| 4    |    | Butyl aldoxime, 3-methyl-, syn-  | 101 | C5H11NO | 005780-40-5 | 35   |
| 5    |    | 3-Heptanol                       | 116 | C7H16O  | 000589-82-2 | 25   |



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Misc :  
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Instrument :  
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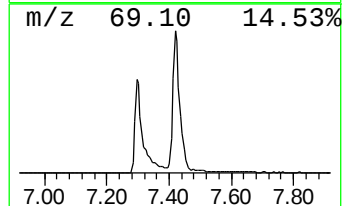
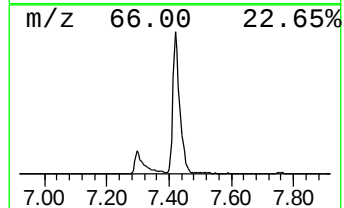
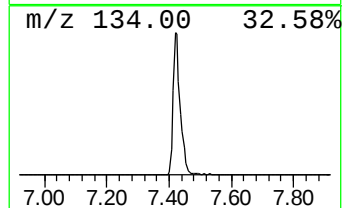
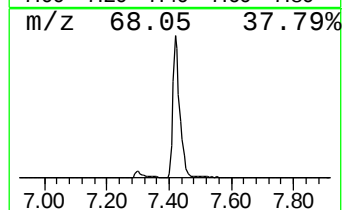
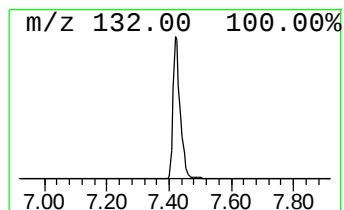
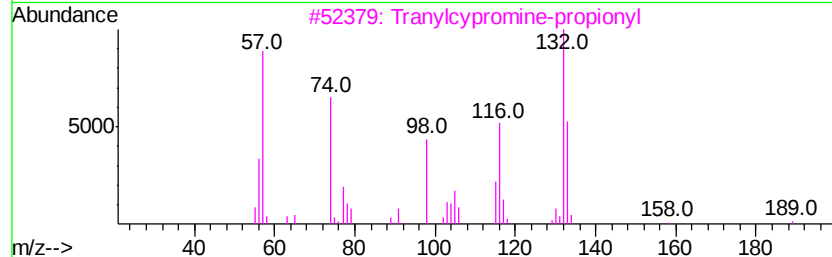
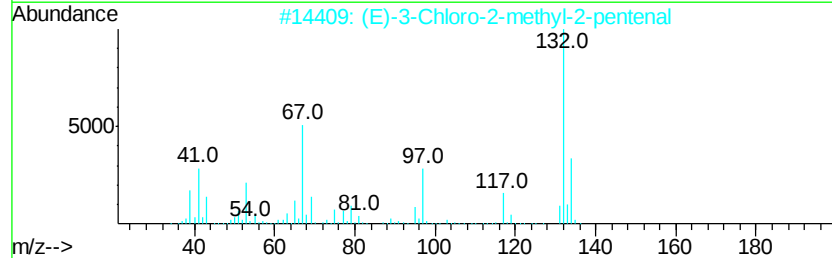
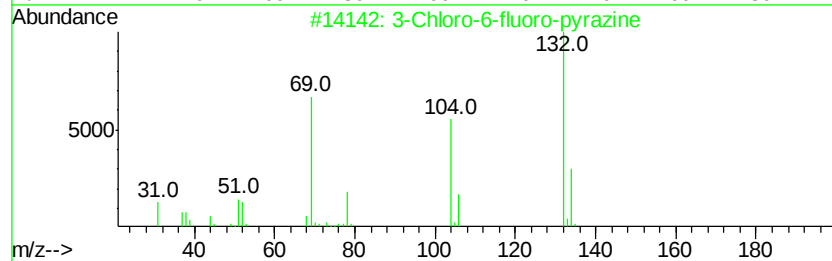
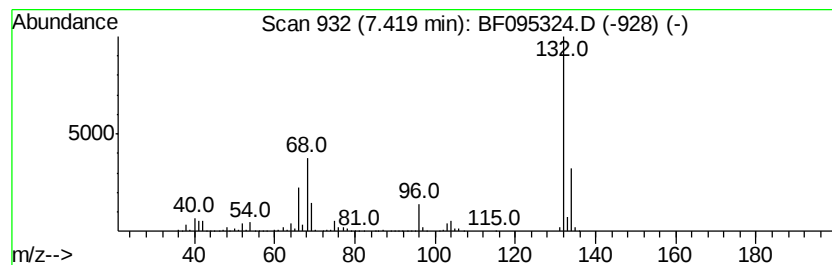
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown7.42 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.42 | 94.43 ng | 2106560 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 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-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 10   |



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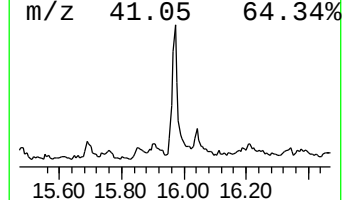
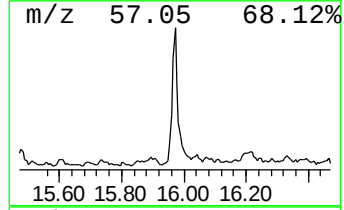
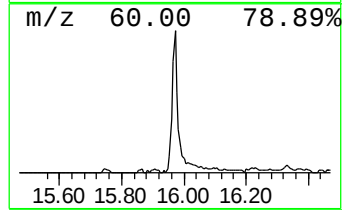
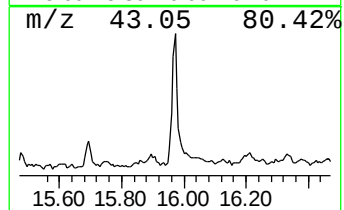
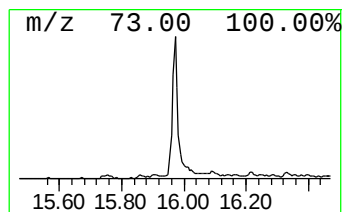
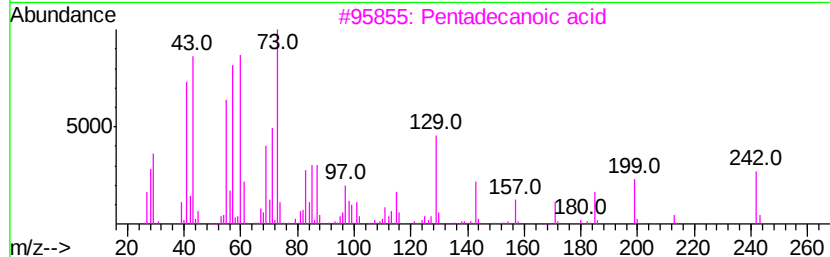
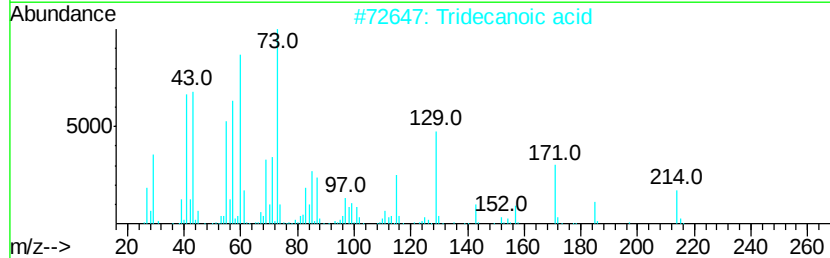
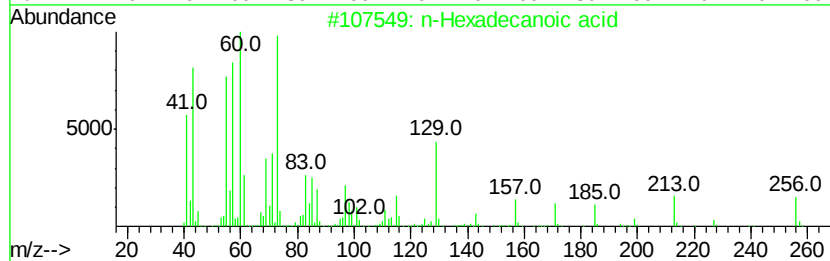
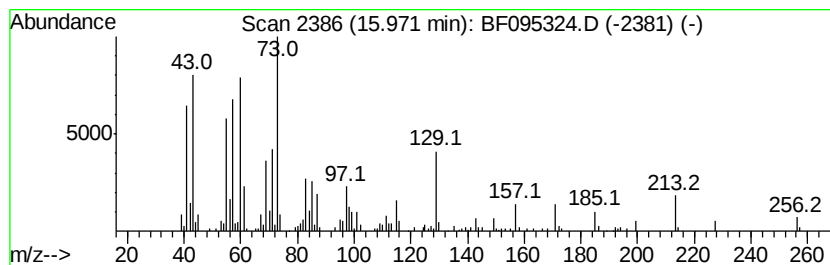
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 n-Hexadecanoic acid Concentration Rank 16

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.97 | 13.60 ng | 389973 | Phenanthrene-d10 | 15.01 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | 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 | 86   |
| 4       |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 86   |
| 5       |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 76   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

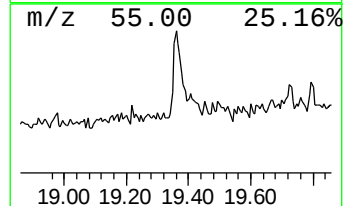
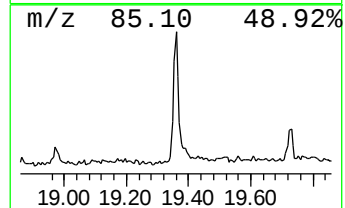
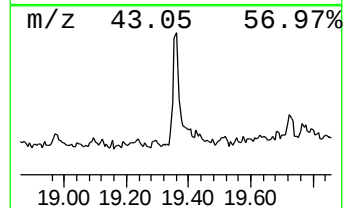
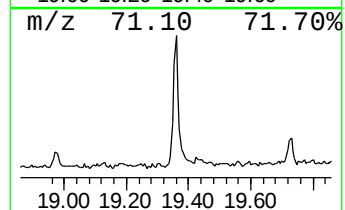
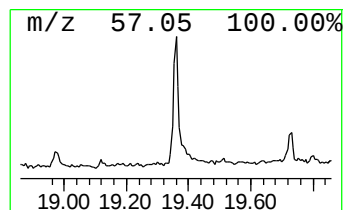
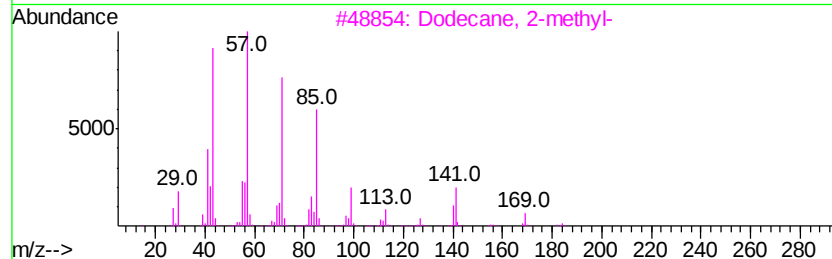
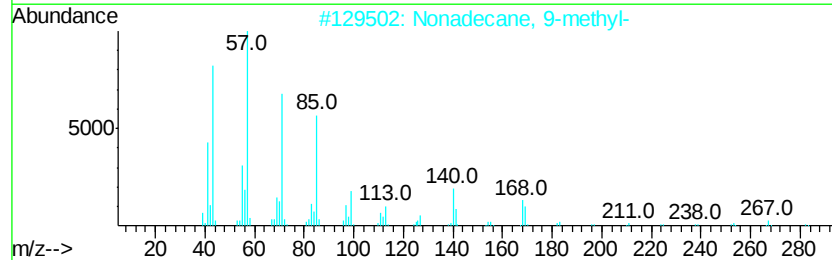
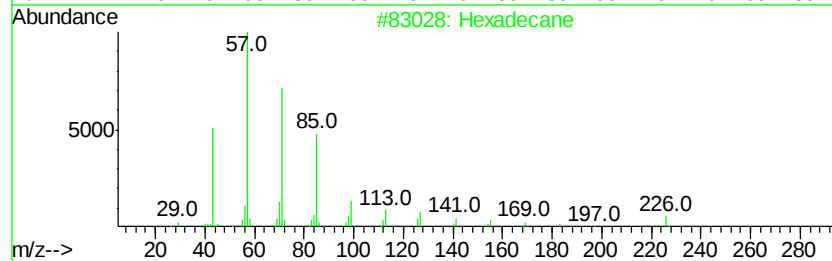
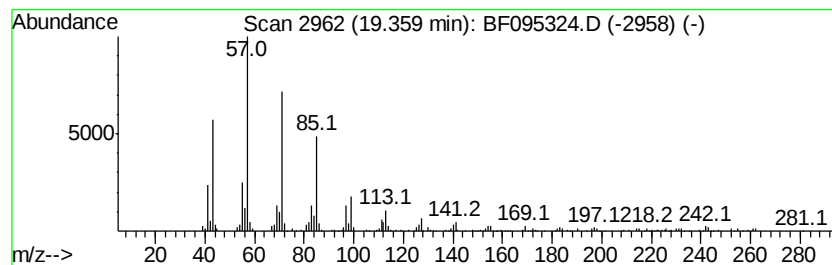
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Hexadecane Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.36 | 9.25 ng | 280660 | Chrysene-d12     | 18.68 |

| Hit# of | 5                     | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------|--------------|-----|---------|-------------|------|
| 1       | Hexadecane            |              | 226 | C16H34  | 000544-76-3 | 95   |
| 2       | Nonadecane, 9-methyl- |              | 282 | C20H42  | 013287-24-6 | 91   |
| 3       | Dodecane, 2-methyl-   |              | 184 | C13H28  | 001560-97-0 | 90   |
| 4       | Heneicosane           |              | 296 | C21H44  | 000629-94-7 | 90   |
| 5       | Octacosane            |              | 394 | C28H58  | 000630-02-4 | 87   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

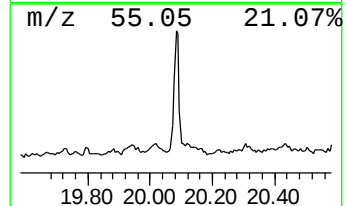
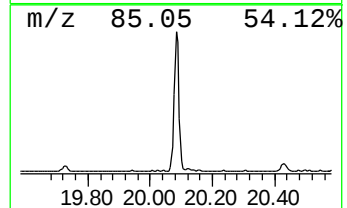
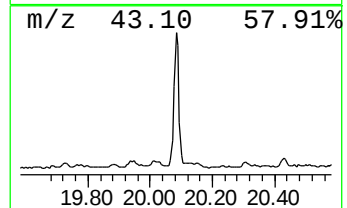
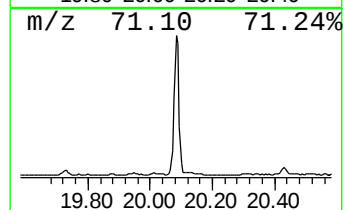
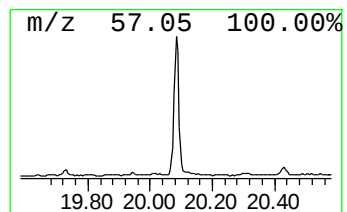
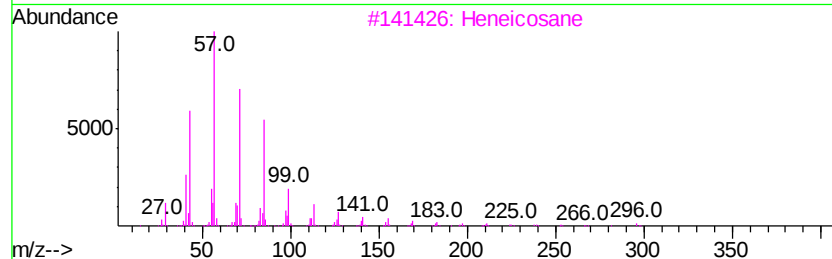
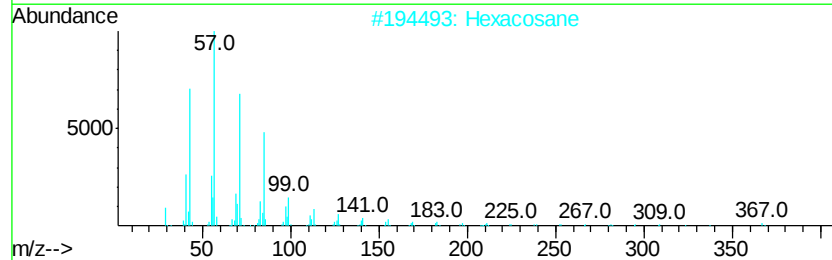
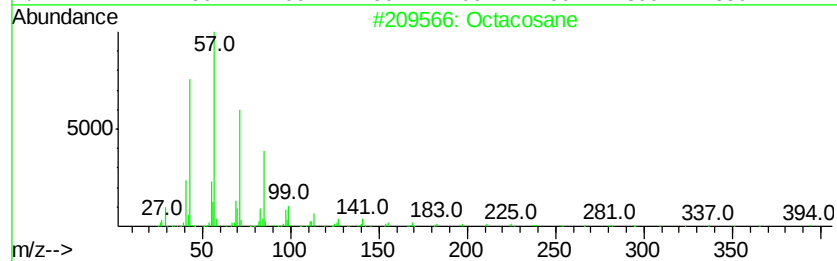
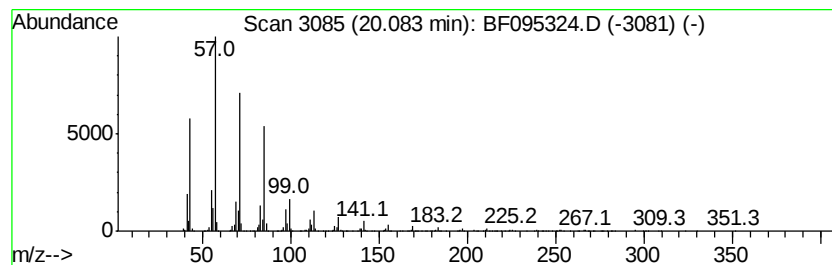
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Octacosane Concentration Rank 8

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 20.08 | 51.52 ng | 1153170 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane          | 394 | C28H58  | 000630-02-4 | 91   |
| 2    |    | Hexacosane          | 366 | C26H54  | 000630-01-3 | 91   |
| 3    |    | Heneicosane         | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |    | Eicosane, 7-hexyl-  | 366 | C26H54  | 055333-99-8 | 90   |
| 5    |    | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 87   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

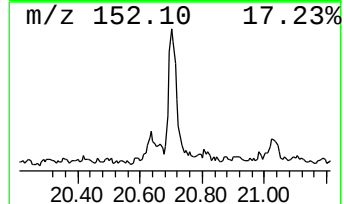
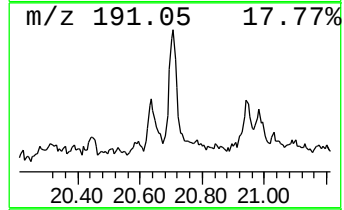
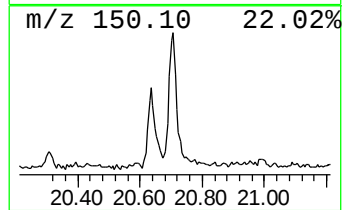
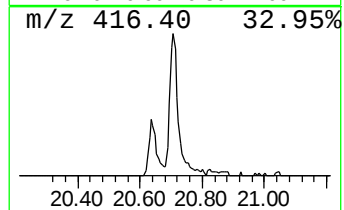
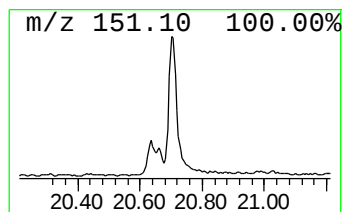
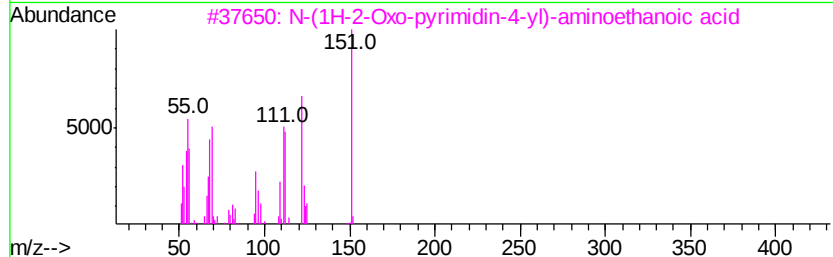
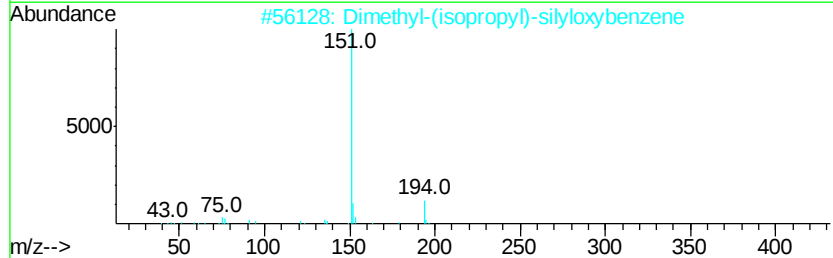
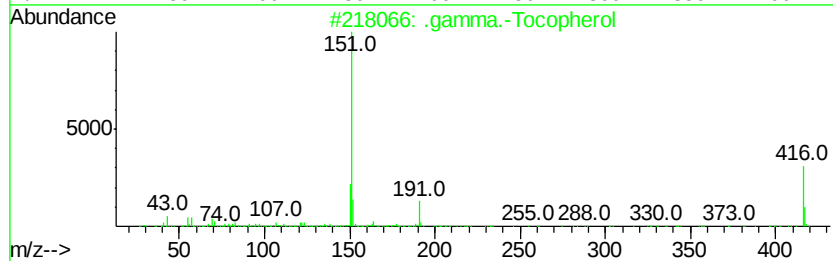
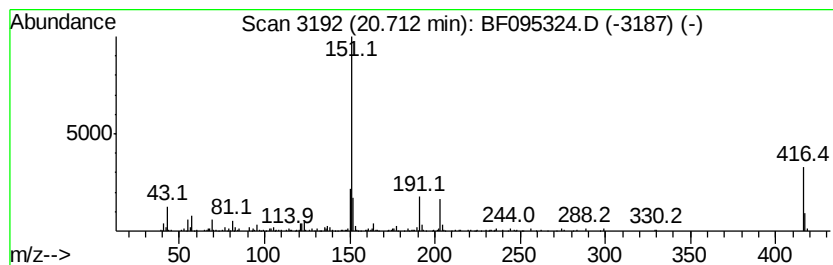
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 .gamma.-Tocopherol Concentration Rank 15

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 20.71 | 14.46 ng | 323596 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | .gamma.-Tocopherol                  | 416 | C28H48O2  | 007616-22-0 | 97   |
| 2    |    | Dimethyl-(isopropyl)-silyloxyben... | 194 | C11H18OSi | 062790-74-3 | 43   |
| 3    |    | N-(1H-2-Oxo-pyrimidin-4-yl)-amin... | 169 | C6H7N3O3  | 019674-84-1 | 38   |
| 4    |    | 4-Phenylsemicarbazide               | 151 | C7H9N3O   | 000537-47-3 | 37   |
| 5    |    | Pulegone semicarbazone              | 209 | C11H19N3O | 023733-71-3 | 36   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

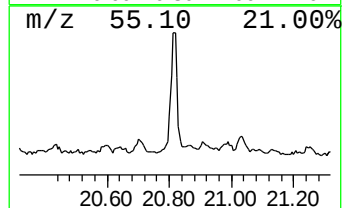
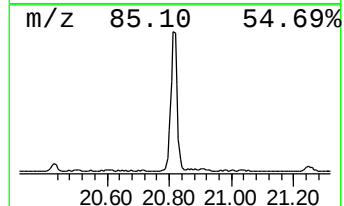
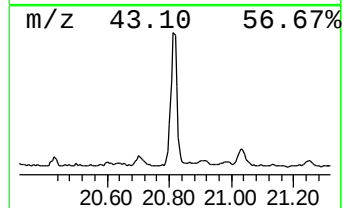
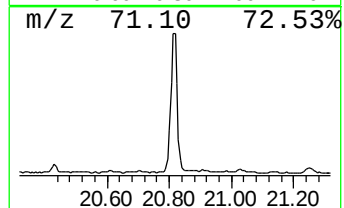
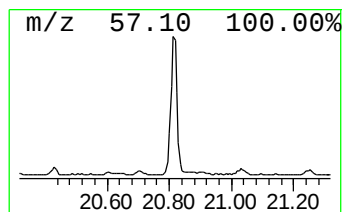
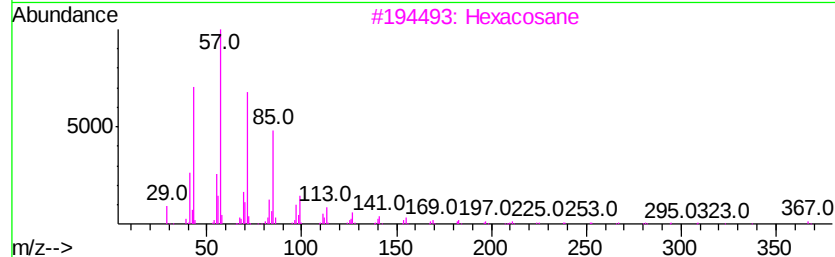
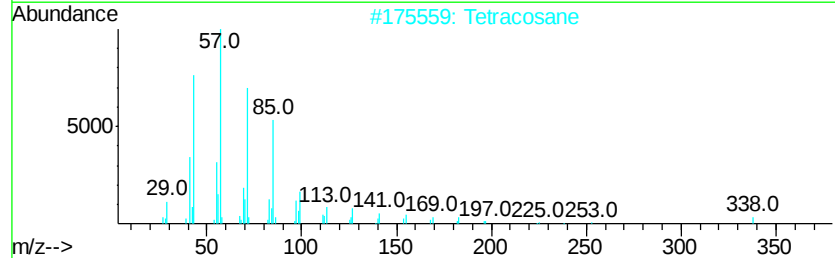
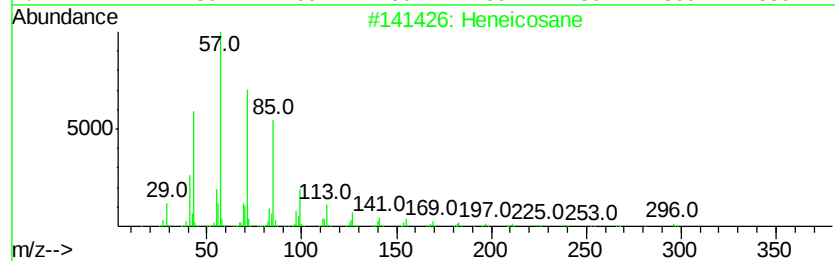
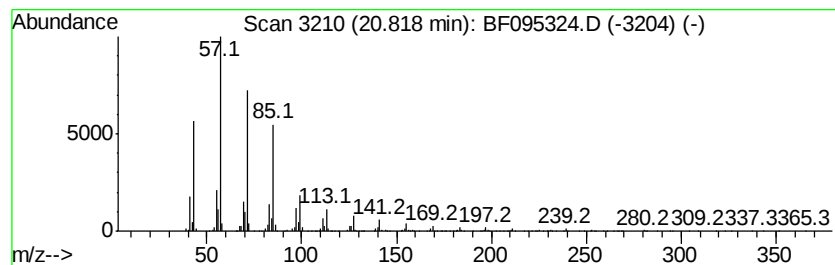
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heneicosane Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 20.82 | 60.80 ng | 1361080 | Perylene-d12     | 20.36 |

| Hit# of | 5                     | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------|--------------|-----|---------|-------------|------|
| 1       | Heneicosane           |              | 296 | C21H44  | 000629-94-7 | 91   |
| 2       | Tetracosane           |              | 338 | C24H50  | 000646-31-1 | 91   |
| 3       | Hexacosane            |              | 366 | C26H54  | 000630-01-3 | 91   |
| 4       | Heptacosane           |              | 380 | C27H56  | 000593-49-7 | 91   |
| 5       | Heptadecane, 9-octyl- |              | 352 | C25H52  | 007225-64-1 | 91   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

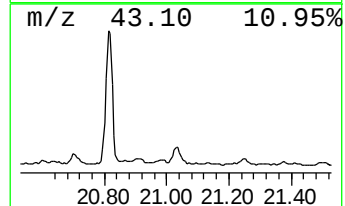
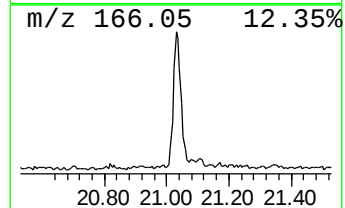
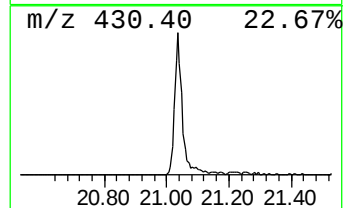
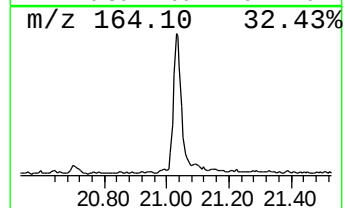
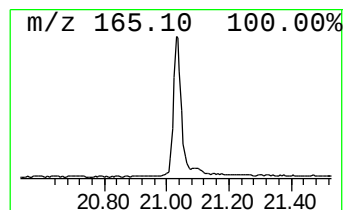
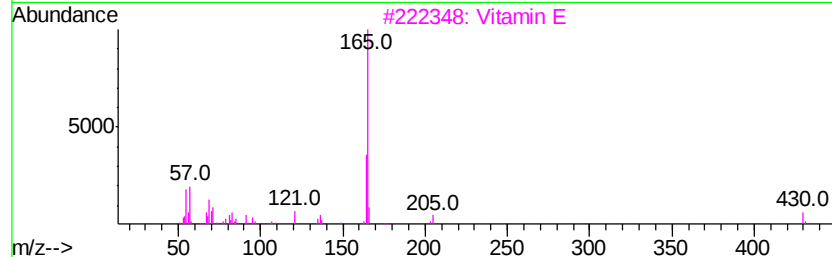
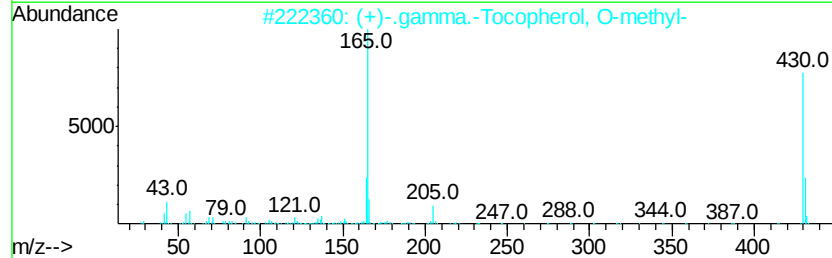
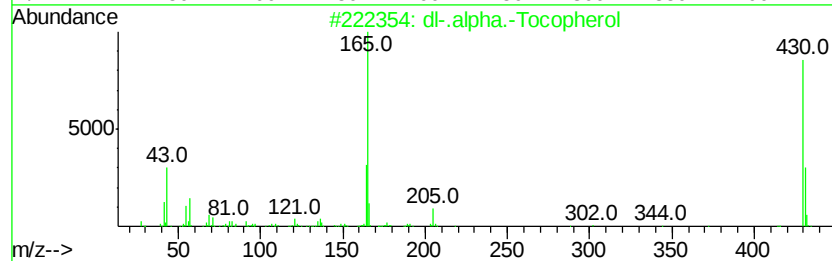
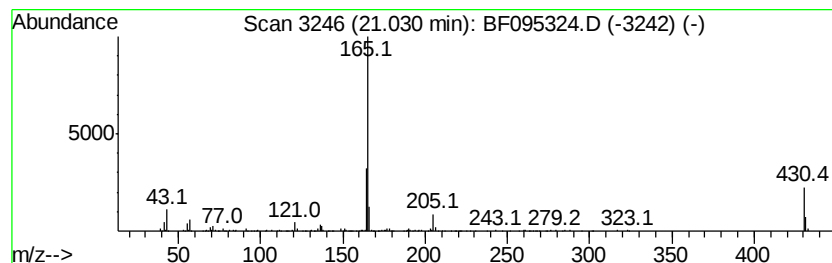
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 dl-.alpha.-Tocopherol Concentration Rank 14

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 21.03 | 22.34 ng | 500119 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | dl-.alpha.-Tocopherol               | 430 | C29H50O2   | 010191-41-0  | 94   |
| 2    |    | (+)-.gamma.-Tocopherol, O-methyl-   | 430 | C29H50O2   | 1000374-72-2 | 94   |
| 3    |    | Vitamin E                           | 430 | C29H50O2   | 000059-02-9  | 91   |
| 4    |    | 4-Amino-3-methoxypprazolo[3,4-d]... | 165 | C6H7N5O    | 111375-22-5  | 59   |
| 5    |    | Piperazine, 1-(3,4-dimethoxybenz... | 430 | C26H26N2O4 | 333756-87-9  | 45   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

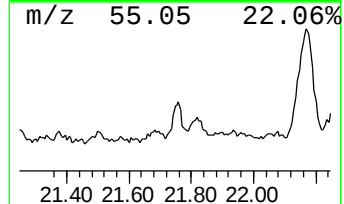
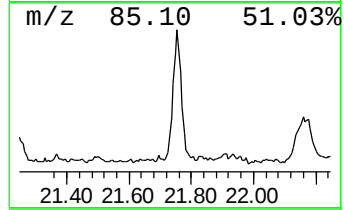
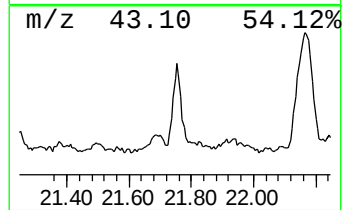
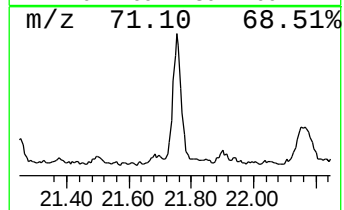
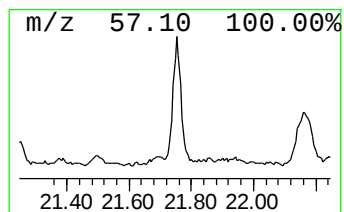
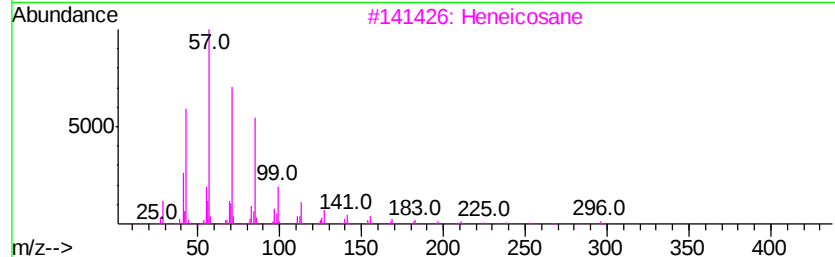
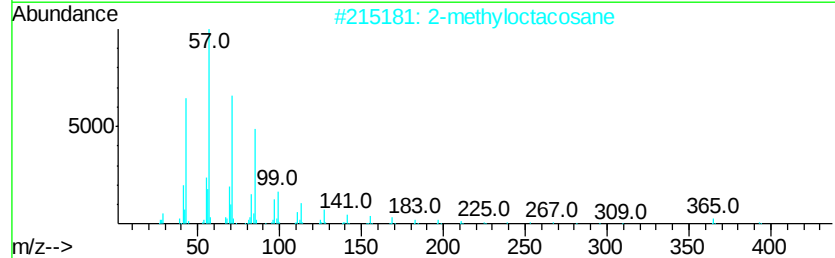
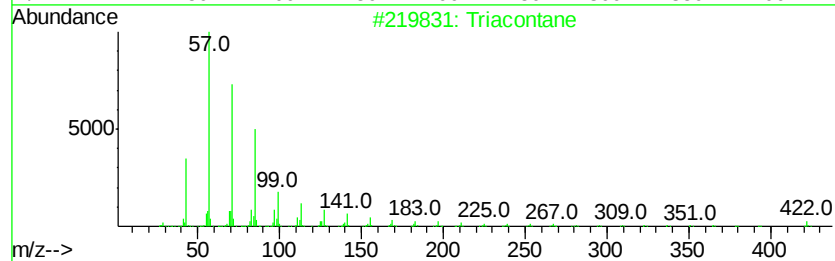
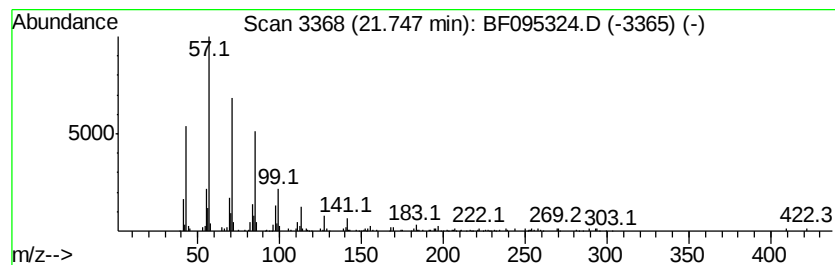
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Triacontane Concentration Rank 17

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 21.75 | 12.28 ng | 274841 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Triacontane        | 422 | C30H62  | 000638-68-6  | 94   |
| 2    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 90   |
| 3    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 90   |
| 4    |    | Docosane           | 310 | C22H46  | 000629-97-0  | 90   |
| 5    |    | Hexacosane         | 366 | C26H54  | 000630-01-3  | 90   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

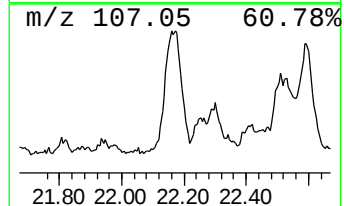
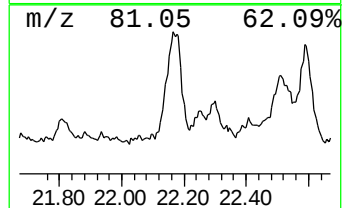
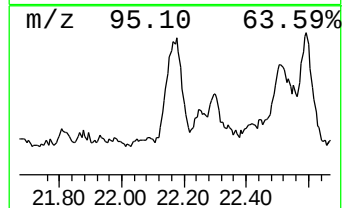
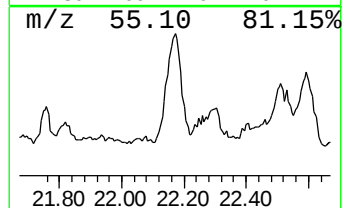
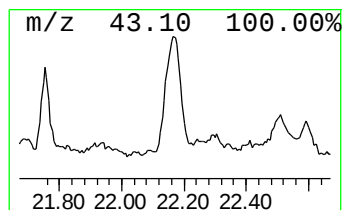
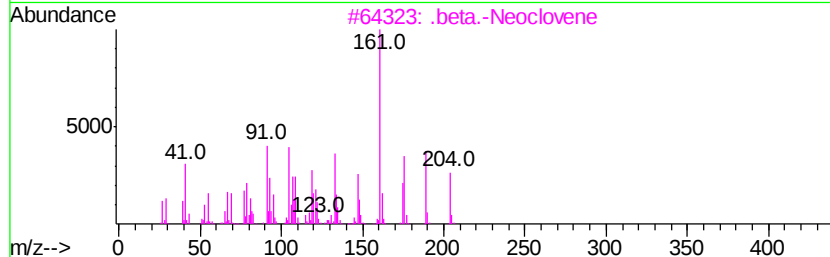
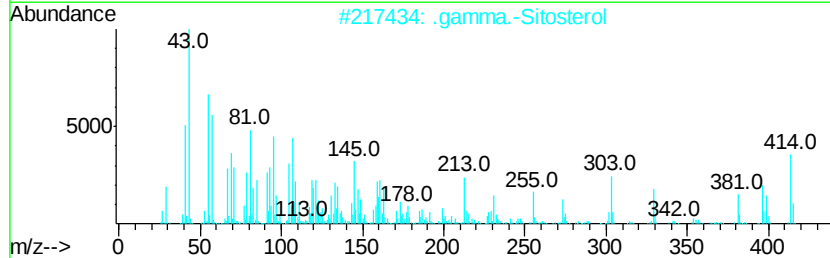
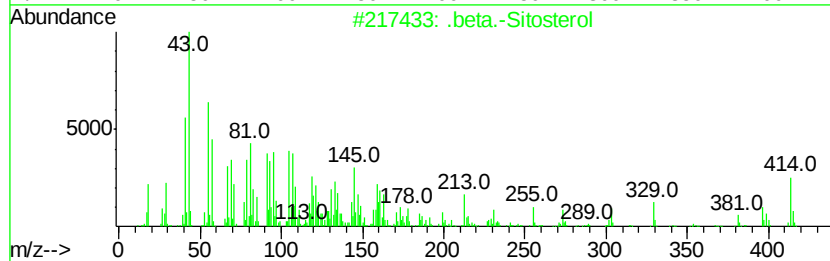
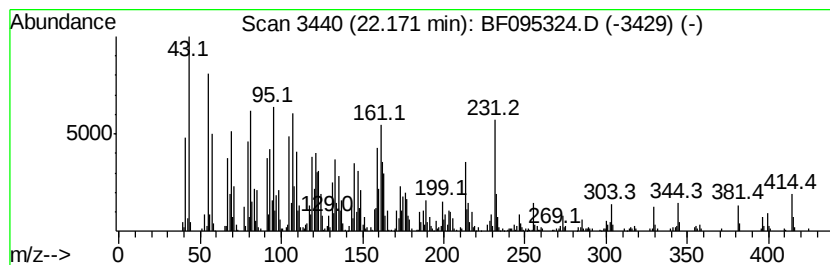
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BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 .beta.-Sitosterol Concentration Rank 1

| R.T.      | EstConc                      | Area    | Relative to ISTD | R.T.         |      |
|-----------|------------------------------|---------|------------------|--------------|------|
| 22.17     | 118.43 ng                    | 2651060 | Perylene-d12     | 20.36        |      |
| Hit# of 5 | Tentative ID                 | MW      | MolForm          | CAS#         | Qual |
| 1         | .beta.-Sitosterol            | 414     | C29H50O          | 000083-46-5  | 90   |
| 2         | .gamma.-Sitosterol           | 414     | C29H50O          | 000083-47-6  | 89   |
| 3         | .beta.-Neoclovene            | 204     | C15H24           | 056684-96-9  | 86   |
| 4         | .beta.-Panasinsene           | 204     | C15H24           | 1000159-39-0 | 38   |
| 5         | Ergost-7-en-3-ol, (3.beta.)- | 400     | C28H48O          | 026047-31-4  | 38   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

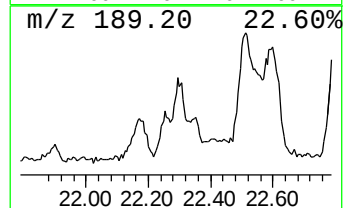
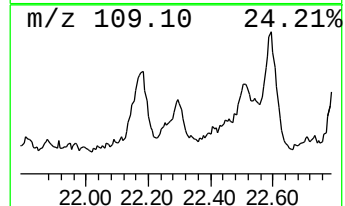
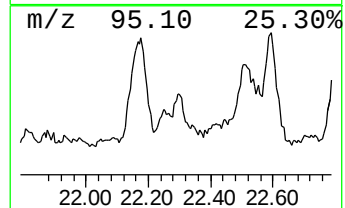
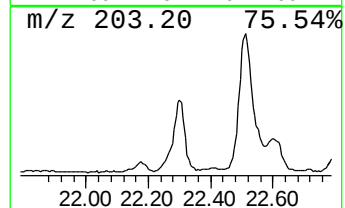
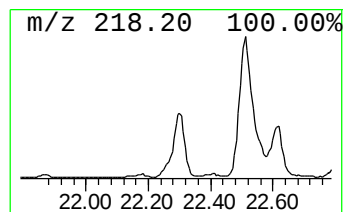
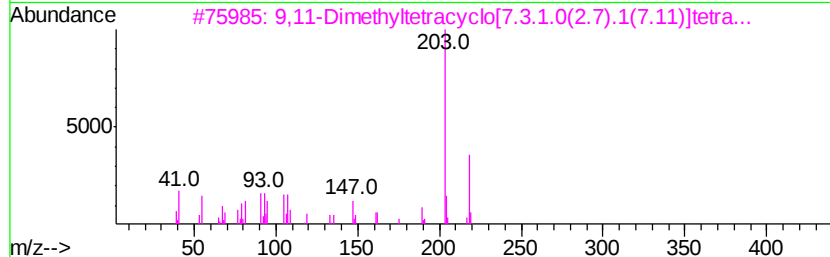
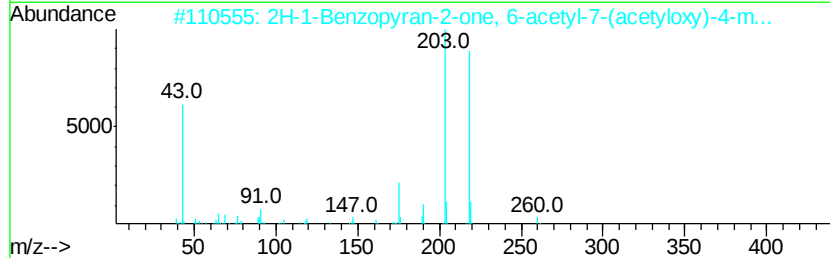
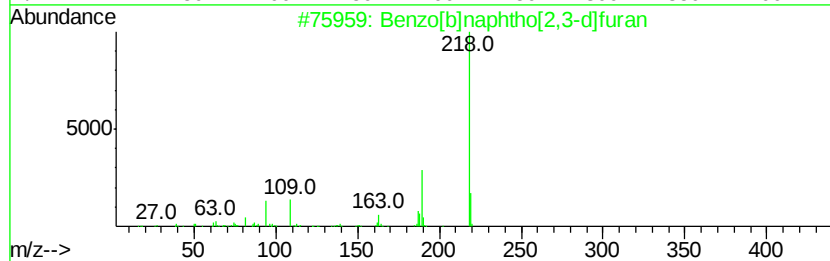
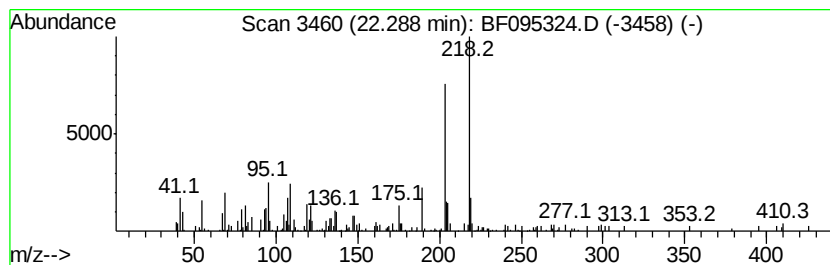
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Benzo[b]naphtho[2,3-d]furan Concentration Rank 12

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 22.29 | 24.89 ng | 557191 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Benzo[b]naphtho[2,3-d]furan         | 218 | C16H10O   | 000243-42-5  | 50   |
| 2    |    | 2H-1-Benzopyran-2-one, 6-acetyl-... | 260 | C14H12O5  | 129812-31-3  | 50   |
| 3    |    | 9,11-Dimethyltetracyclo[7.3.1.0(... | 218 | C16H26    | 053263-99-3  | 49   |
| 4    |    | Indeno[2,1-b]chromene,              | 218 | C16H10O   | 000243-24-3  | 49   |
| 5    |    | .alpha.-Amyrin, trimethylsilyl e... | 498 | C33H58OSi | 1000374-76-6 | 47   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

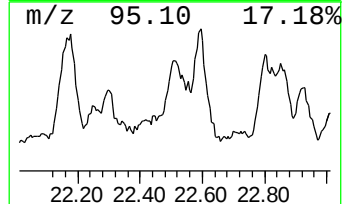
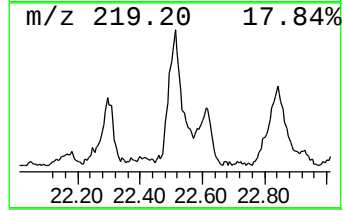
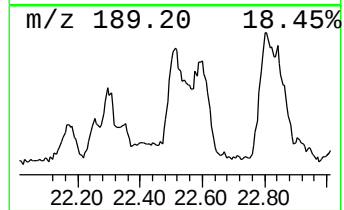
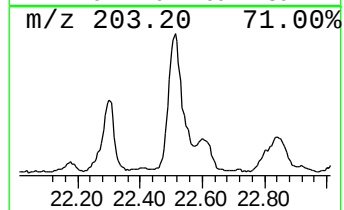
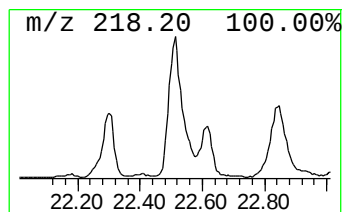
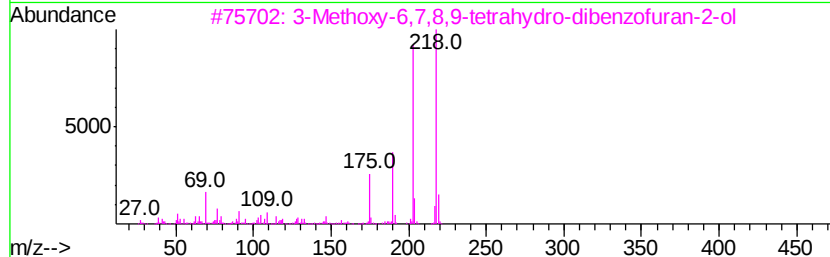
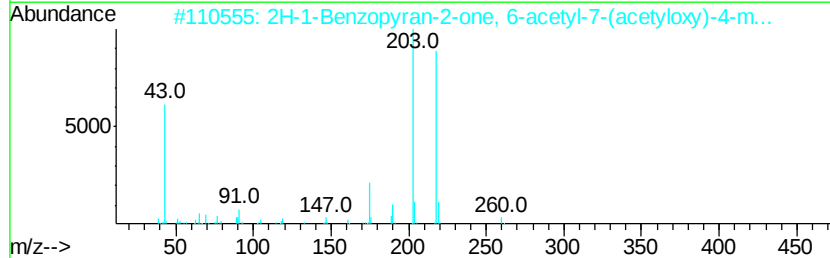
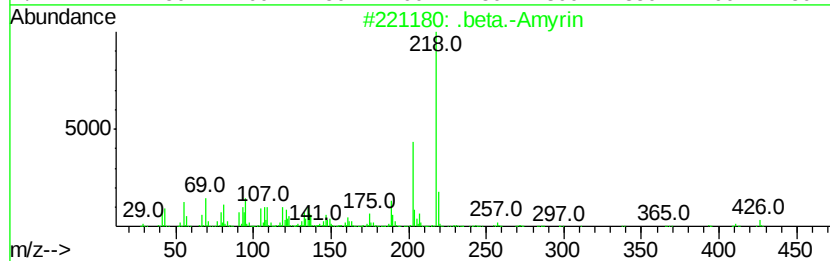
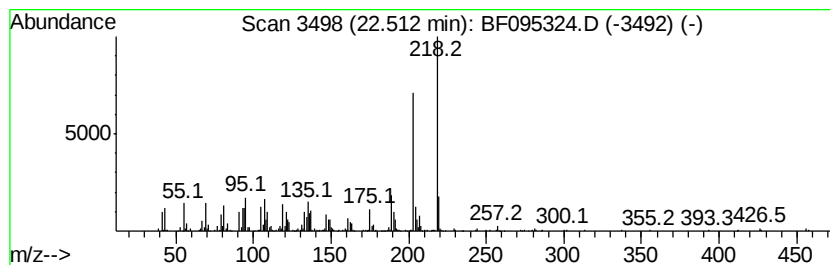
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 .beta.-Amyrin Concentration Rank 7

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 22.51 | 56.20 ng | 1257980 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | .beta.-Amyrin                       | 426 | C30H50O   | 000559-70-6  | 87   |
| 2    |    | 2H-1-Benzopyran-2-one, 6-acetyl-... | 260 | C14H12O5  | 129812-31-3  | 72   |
| 3    |    | 3-Methoxy-6,7,8,9-tetrahydro-dib... | 218 | C13H14O3  | 1000186-57-9 | 64   |
| 4    |    | .beta.-Amyrin trimethylsilyl ether  | 498 | C33H58OSi | 001721-67-1  | 64   |
| 5    |    | (1S,6R,9S)-5,5,9,10-Tetramethylt... | 218 | C16H26    | 1000298-97-8 | 58   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

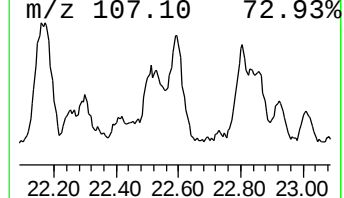
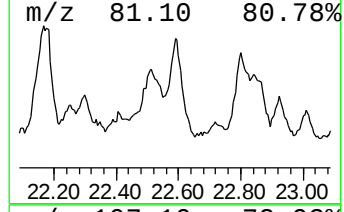
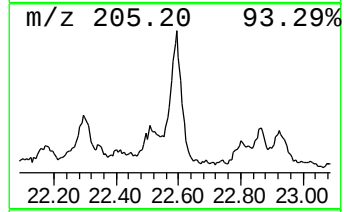
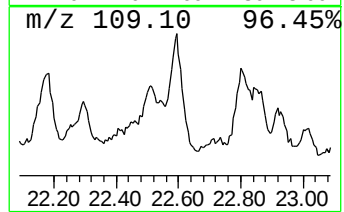
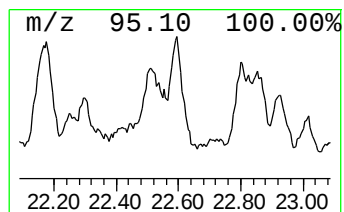
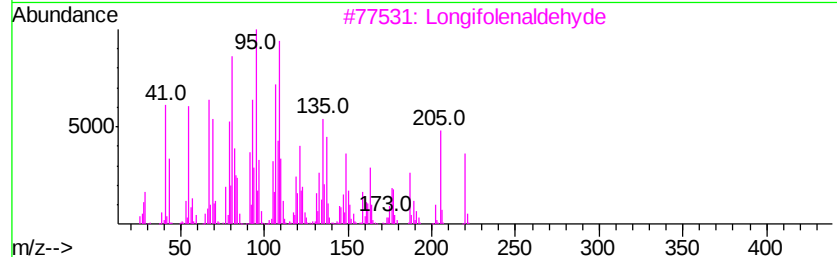
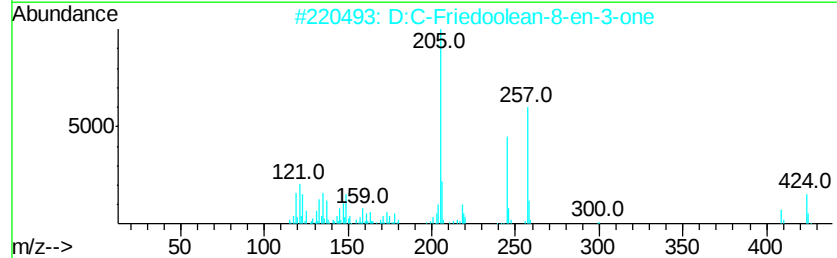
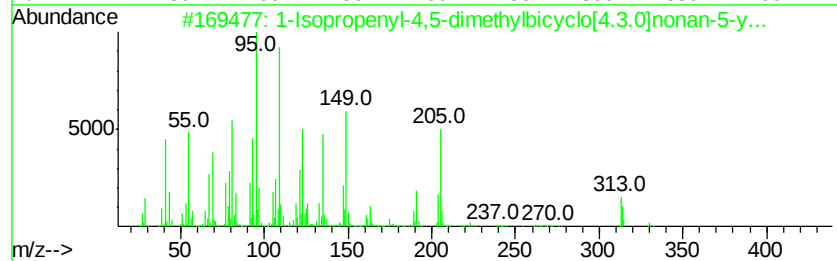
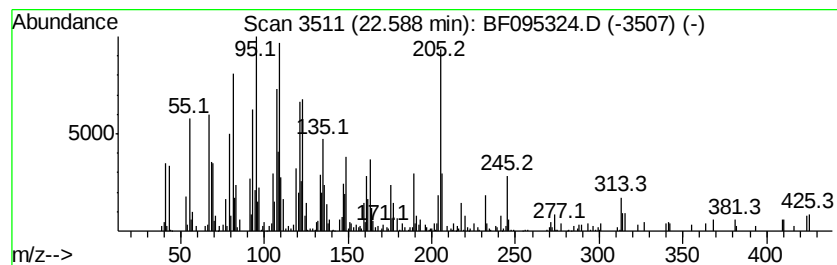
Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 unknown22.59 Concentration Rank 3

| R.T.    | EstConc  | Area                                                  | Relative to ISTD | R.T.            |
|---------|----------|-------------------------------------------------------|------------------|-----------------|
| 22.59   | 71.61 ng | 1603060                                               | Perylene-d12     | 20.36           |
| 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 47 |
| 2       |          | D:C-Friedoolean-8-en-3-one                            | 424 C30H48O      | 022611-26-3 46  |
| 3       |          | Longifolenaldehyde                                    | 220 C15H24O      | 019890-84-7 38  |
| 4       |          | 6.beta.Bicyclo[4.3.0]nonane, 5.b...                   | 332 C15H25I      | 1000195-85-9 38 |
| 5       |          | 2,6,6,9,2',6',6',9'-Octamethyl-[...]                  | 410 C30H50       | 1000189-48-2 22 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

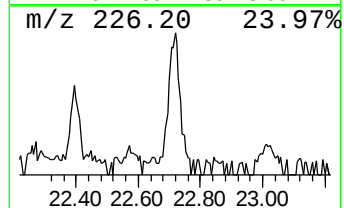
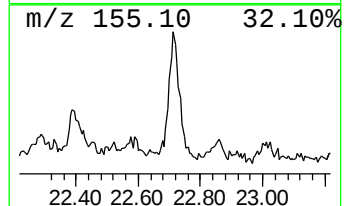
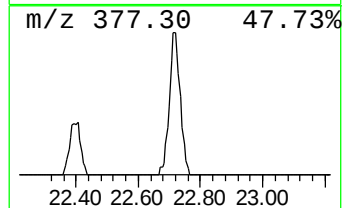
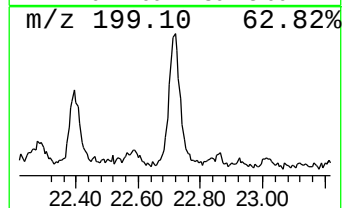
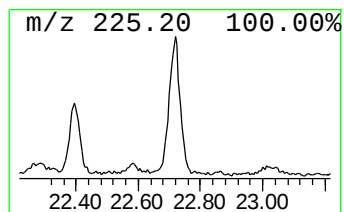
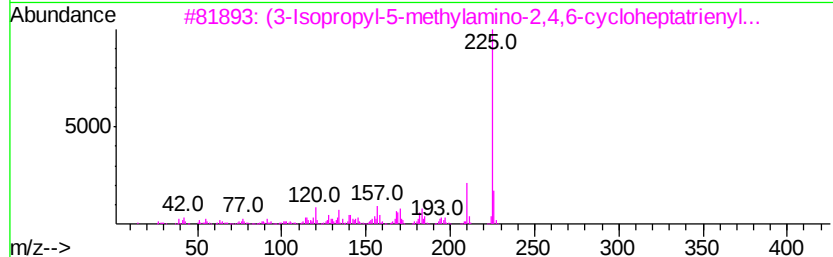
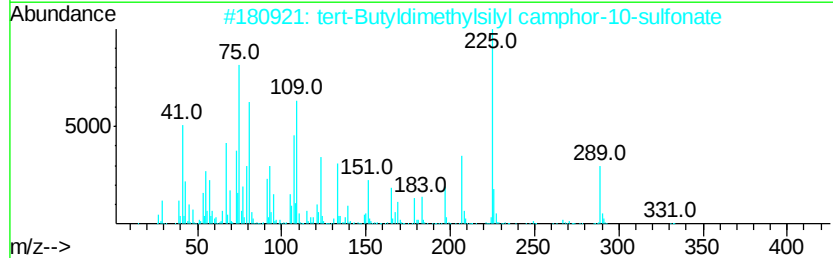
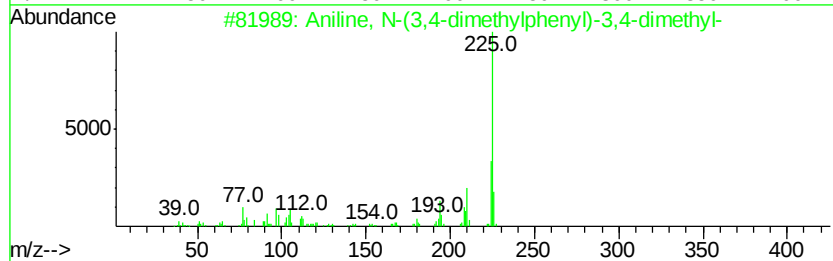
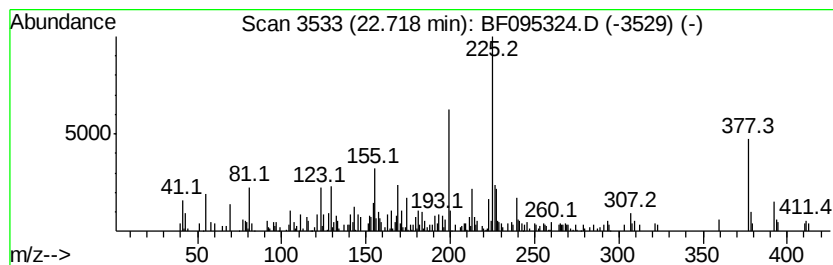
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 unknown22.72 Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.72 | 9.70 ng | 217032 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Aniline, N-(3,4-dimethylphenyl)-... | 225 | C16H19N    | 055389-75-8  | 30   |
| 2    |    | tert-Butyldimethylsilyl camphor-... | 346 | C16H30O4Si | 1000373-35-1 | 30   |
| 3    |    | (3-Isopropyl-5-methylamino-2,4,6... | 225 | C14H15N3   | 014204-00-3  | 30   |
| 4    |    | Propionitrile, 3-(5-methyl-3-phe... | 225 | C13H11N3O  | 1000263-77-0 | 25   |
| 5    |    | 2,6-Di-n-butyl-4-phenylpyridine     | 267 | C19H25N    | 073669-42-8  | 22   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

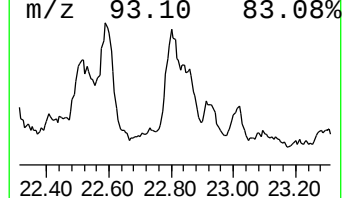
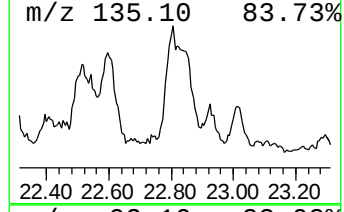
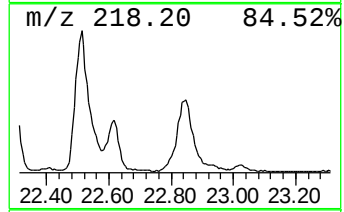
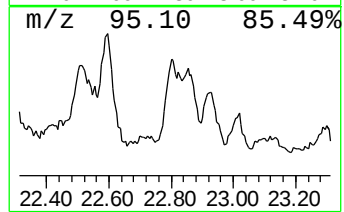
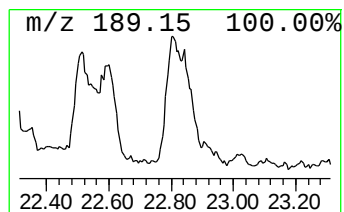
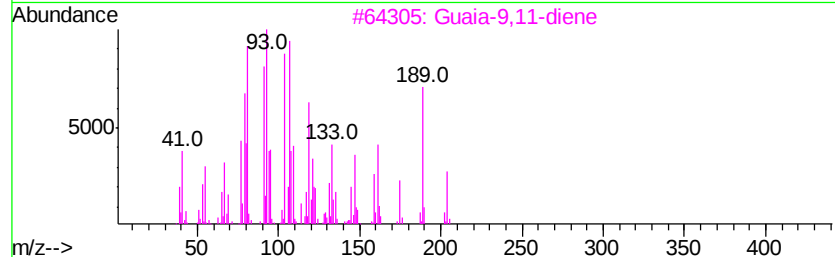
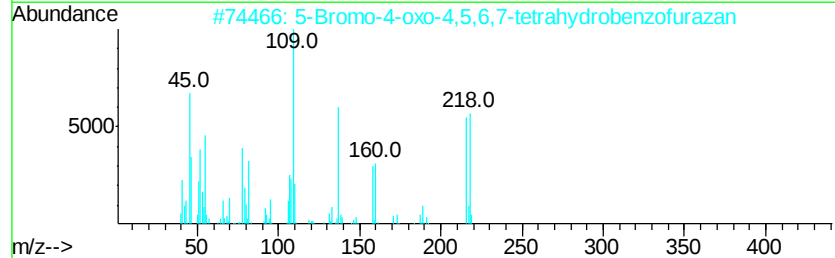
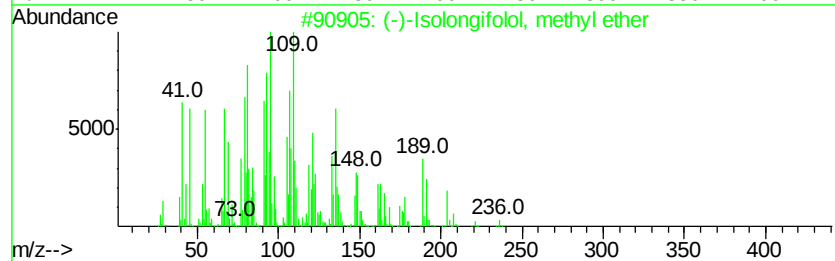
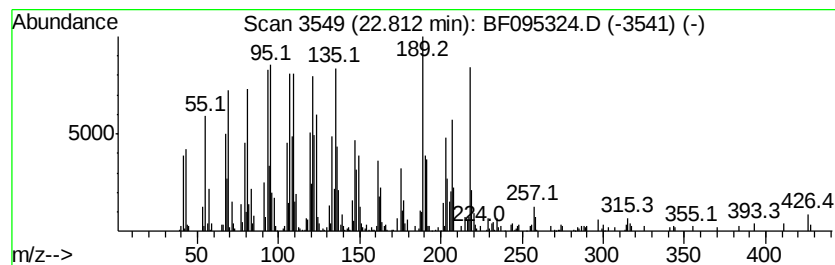
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 (-)-Isolongifolol, methyl e... Concentration Rank 9

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 22.81 | 42.44 ng | 950106 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | (-)-Isolongifolol, methyl ether     | 236 | C16H28O    | 1000333-80-8 | 83   |
| 2    |    | 5-Bromo-4-oxo-4,5,6,7-tetrahydro... | 216 | C6H5BrN2O2 | 300574-36-1  | 60   |
| 3    |    | Guaia-9,11-diene                    | 204 | C15H24     | 1000374-19-8 | 55   |
| 4    |    | Taraxasterol                        | 426 | C30H50O    | 001059-14-9  | 52   |
| 5    |    | Hop-22(29)-en-3.beta.-ol            | 426 | C30H50O    | 058801-23-3  | 51   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

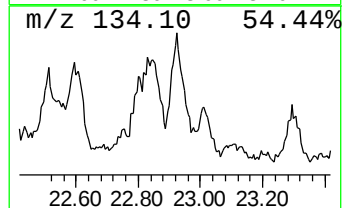
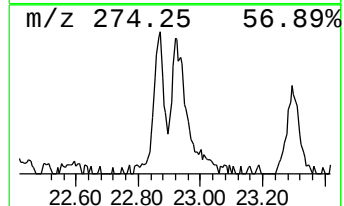
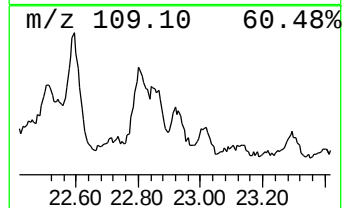
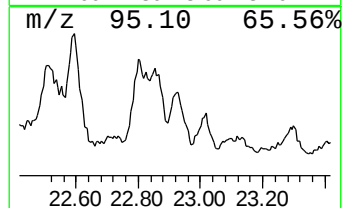
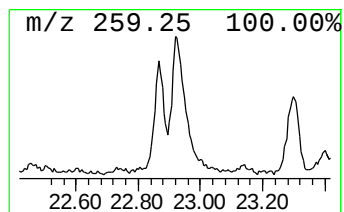
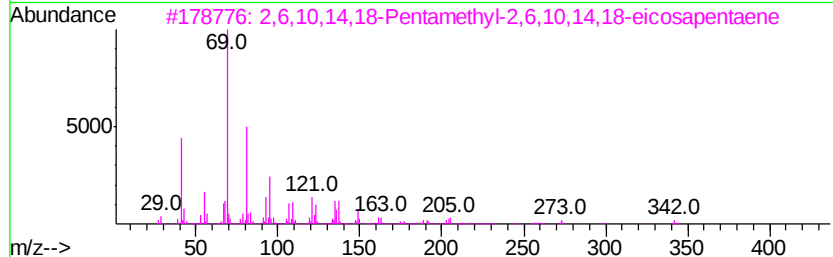
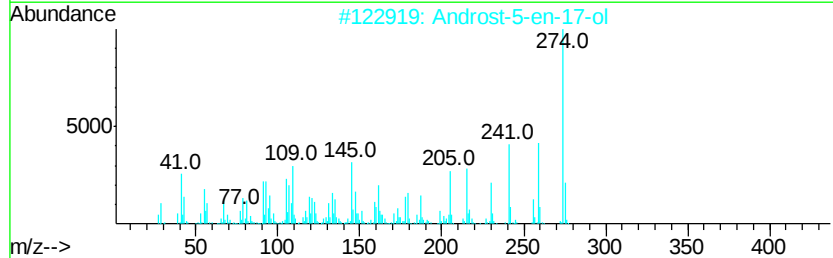
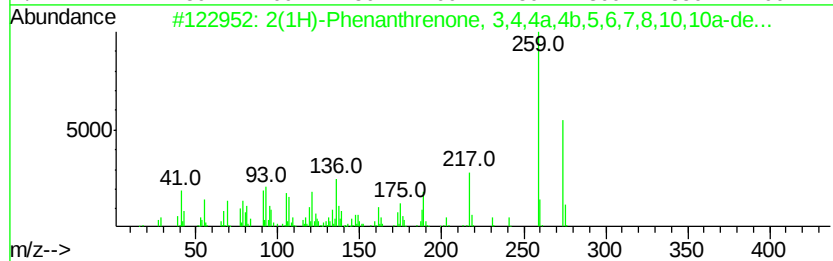
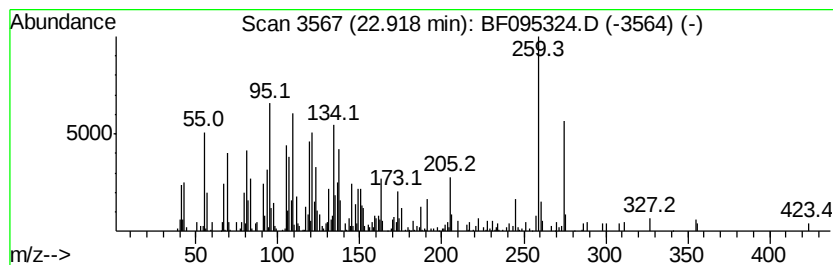
Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.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 17 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 13

| R.T.    | EstConc                             | Area            | Relative to ISTD | R.T.      |
|---------|-------------------------------------|-----------------|------------------|-----------|
| 22.92   | 23.44 ng                            | 524763          | Perylene-d12     | 20.36     |
| Hit# of | 5                                   | Tentative ID    | MW MolForm       | CAS# Qual |
| 1       | 2(1H)-Phenanthrenone, 3,4,4a,4b,... | 274 C19H30O     | 007715-44-8      | 55        |
| 2       | Androst-5-en-17-ol                  | 274 C19H30O     | 1000193-02-3     | 35        |
| 3       | 2,6,10,14,18-Pentamethyl-2,6,10,... | 342 C25H42      | 075581-03-2      | 30        |
| 4       | 1,3-DIETHYL-2-HYDROXYBENZOTHAZOL... | 274 C14H14N2O2S | 1000227-15-3     | 25        |
| 5       | (Azepan-2-ylidene)[5-(4-fluoroph... | 274 C14H15FN4O  | 1000302-66-1     | 25        |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

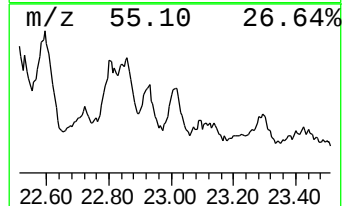
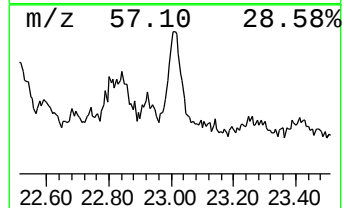
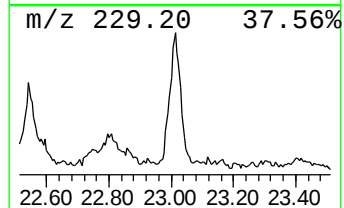
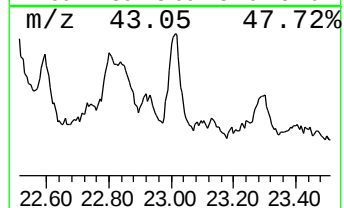
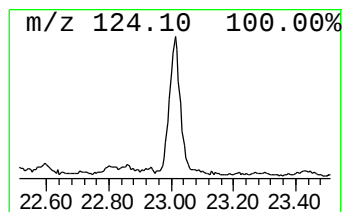
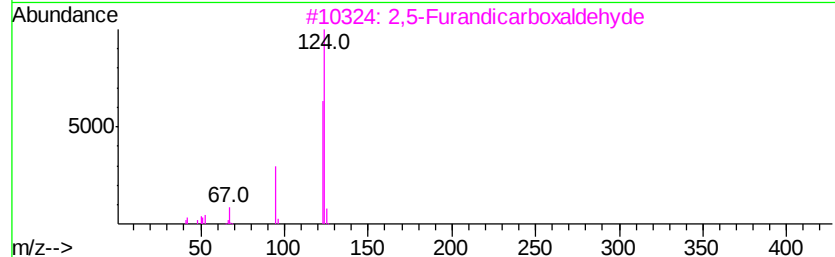
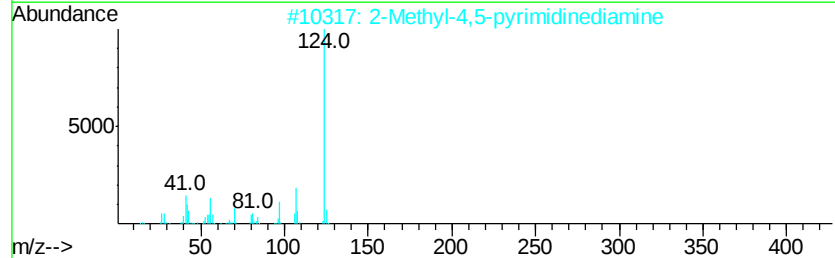
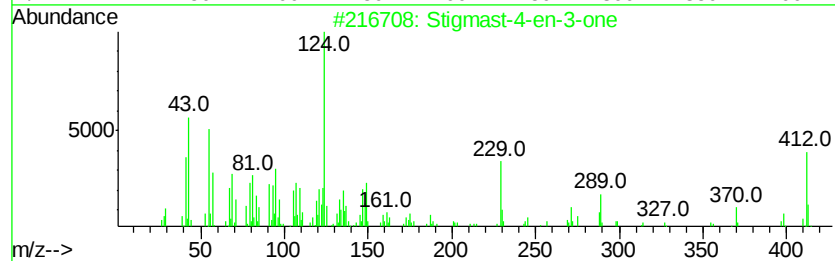
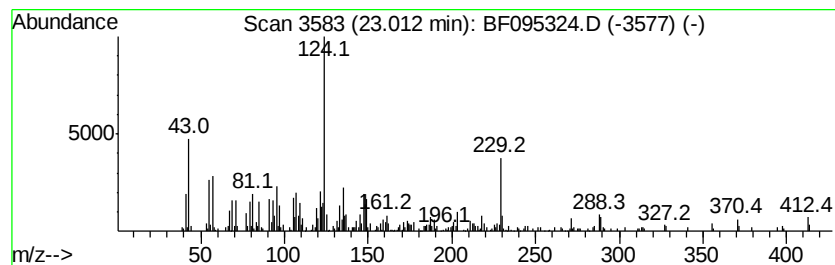
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Stigmast-4-en-3-one Concentration Rank 10

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 23.01 | 30.64 ng | 685837 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Stigmast-4-en-3-one            | 412 | C29H48O | 001058-61-3 | 90   |
| 2    |    | 2-Methyl-4,5-pyrimidinediamine | 124 | C5H8N4  | 015579-63-2 | 43   |
| 3    |    | 2,5-Furandicarboxaldehyde      | 124 | C6H4O3  | 000823-82-5 | 38   |
| 4    |    | Orcinol                        | 124 | C7H8O2  | 000504-15-4 | 38   |
| 5    |    | Pyrazine, 2-methoxy-3-methyl-  | 124 | C6H8N2O | 002847-30-5 | 38   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

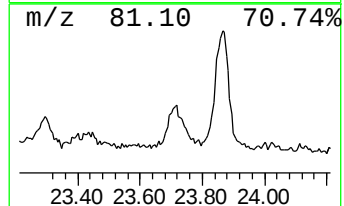
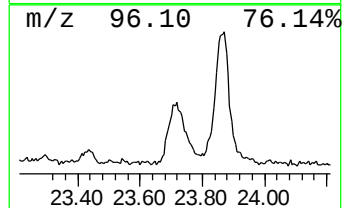
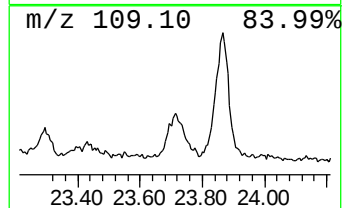
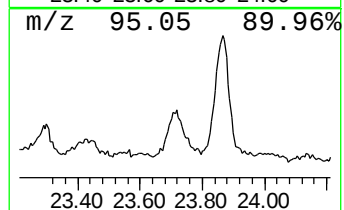
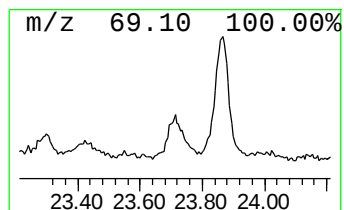
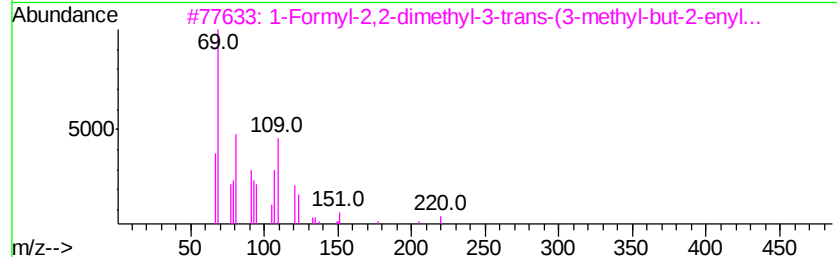
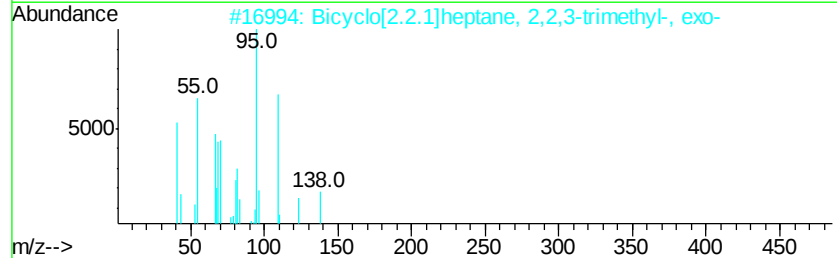
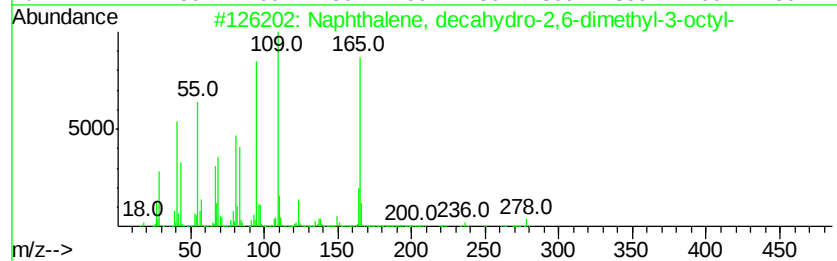
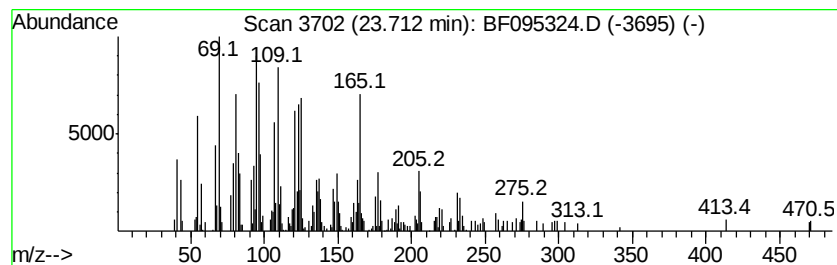
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 unknown23.71 Concentration Rank 11

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 23.71 | 27.19 ng | 608572 | Perylene-d12     | 20.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Naphthalene, decahydro-2,6-dimet... | 278 | C20H38      | 054964-85-1  | 35   |
| 2    |    | Bicyclo[2.2.1]heptane, 2,2,3-tri... | 138 | C10H18      | 020536-41-8  | 25   |
| 3    |    | 1-Formyl-2,2-dimethyl-3-trans-(3... | 220 | C15H24O     | 1000144-09-7 | 22   |
| 4    |    | Silane, chlorodiethyl(dodec-9-yn... | 302 | C16H31ClOSi | 1000363-59-2 | 22   |
| 5    |    | 2-Cyclohexene-1-carboxaldehyde, ... | 220 | C15H24O     | 056772-07-7  | 20   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\  
Data File : BF095324.D  
Acq On : 22 May 2017 20:34  
Operator : SJ/MA  
Sample : I3257-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

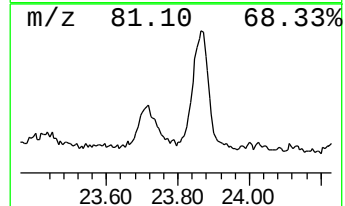
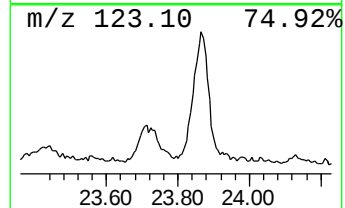
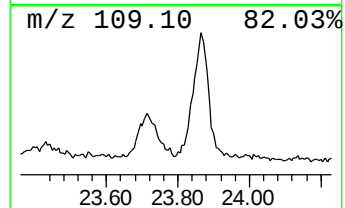
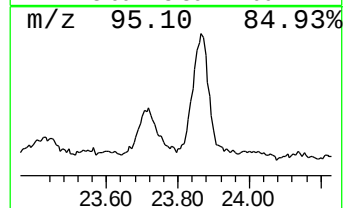
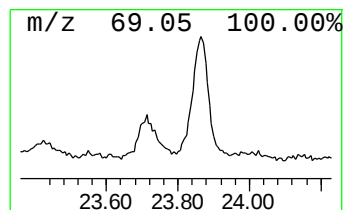
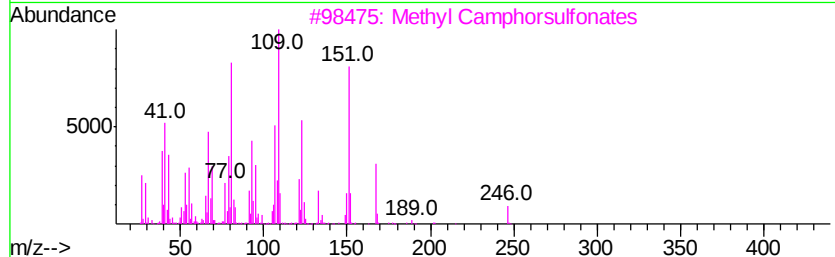
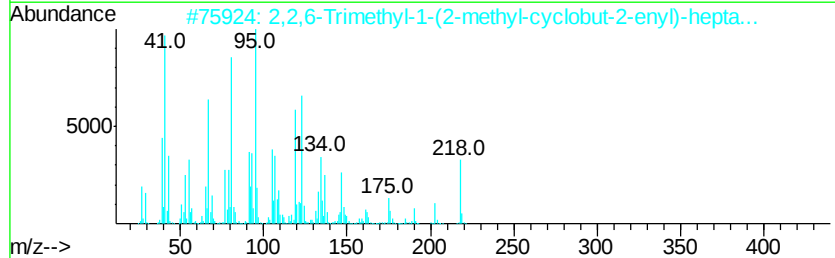
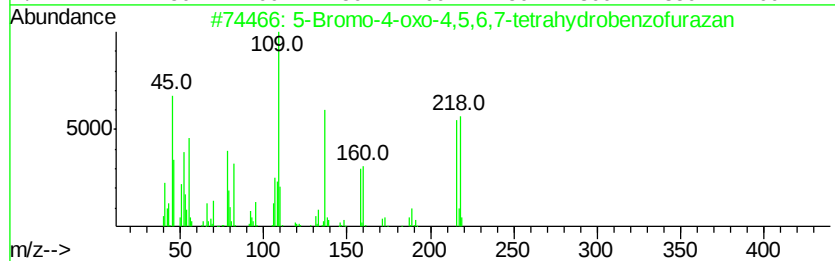
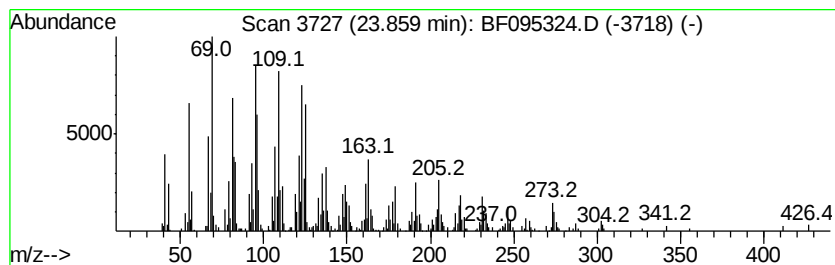
Instrument :  
BNA\_F  
ClientSampleId :  
NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 4

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.         |      |      |
|---------|-------------------------------------|--------------|------------------|--------------|------|------|
| 23.86   | 69.66 ng                            | 1559280      | Perylene-d12     | 20.36        |      |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm      | CAS# | Qual |
| 1       | 5-Bromo-4-oxo-4,5,6,7-tetrahydro... | 216          | C6H5BrN2O2       | 300574-36-1  | 59   |      |
| 2       | 2,2,6-Trimethyl-1-(2-methyl-cycl... | 218          | C15H22O          | 1000188-72-8 | 55   |      |
| 3       | Methyl Camphorsulfonates            | 246          | C11H18O4S        | 046471-67-4  | 50   |      |
| 4       | Cyclohexanone, 2,3,3-trimethyl-2... | 206          | C14H22O          | 069296-90-8  | 42   |      |
| 5       | Bicyclo[3.1.1]heptan-3-one, 2-(b... | 192          | C13H20O          | 1000163-96-1 | 30   |      |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052217\  
 Data File : BF095324.D  
 Acq On : 22 May 2017 20:34  
 Operator : SJ/MA  
 Sample : I3257-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCC-JM-COMPOST

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.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 |
| unknown5.12          | 5.12  | 9.0     | ng    | 199943   | 1                     | 7.75  | 446171 | 20.0 |
| unknown7.42          | 7.42  | 94.4    | ng    | 2106560  | 1                     | 7.75  | 446171 | 20.0 |
| n-Hexadecanoic acid  | 15.97 | 13.6    | ng    | 389973   | 4                     | 15.01 | 573675 | 20.0 |
| Hexadecane           | 19.36 | 9.3     | ng    | 280660   | 5                     | 18.68 | 606923 | 20.0 |
| Octacosane           | 20.08 | 51.5    | ng    | 1153170  | 6                     | 20.36 | 447695 | 20.0 |
| .gamma.-Tocopherol   | 20.71 | 14.5    | ng    | 323596   | 6                     | 20.36 | 447695 | 20.0 |
| Heneicosane          | 20.82 | 60.8    | ng    | 1361080  | 6                     | 20.36 | 447695 | 20.0 |
| dl-.alpha.-Tocoph... | 21.03 | 22.3    | ng    | 500119   | 6                     | 20.36 | 447695 | 20.0 |
| Triacontane          | 21.75 | 12.3    | ng    | 274841   | 6                     | 20.36 | 447695 | 20.0 |
| .beta.-Sitosterol    | 22.17 | 118.4   | ng    | 2651060  | 6                     | 20.36 | 447695 | 20.0 |
| Benzo[b]naphtho[2... | 22.29 | 24.9    | ng    | 557191   | 6                     | 20.36 | 447695 | 20.0 |
| .beta.-Amyrin        | 22.51 | 56.2    | ng    | 1257980  | 6                     | 20.36 | 447695 | 20.0 |
| unknown22.59         | 22.59 | 71.6    | ng    | 1603060  | 6                     | 20.36 | 447695 | 20.0 |
| unknown22.72         | 22.72 | 9.7     | ng    | 217032   | 6                     | 20.36 | 447695 | 20.0 |
| (-)-Isolongifolol... | 22.81 | 42.4    | ng    | 950106   | 6                     | 20.36 | 447695 | 20.0 |
| 2(1H)-Phenanthren... | 22.92 | 23.4    | ng    | 524763   | 6                     | 20.36 | 447695 | 20.0 |
| Stigmast-4-en-3-one  | 23.01 | 30.6    | ng    | 685837   | 6                     | 20.36 | 447695 | 20.0 |
| unknown23.71         | 23.71 | 27.2    | ng    | 608572   | 6                     | 20.36 | 447695 | 20.0 |
| 5-Bromo-4-oxo-4,5... | 23.86 | 69.7    | ng    | 1559280  | 6                     | 20.36 | 447695 | 20.0 |