

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG021720\  
 Data File : BG044461.D  
 Acq On : 18 Feb 2020 00:13  
 Operator : CG/JU  
 Sample : L1546-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 INDIAN-ISLAND-(3)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG013020.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         | 4.991       | 319           | 324         | 334          | rBV      | 44186          | 76853         | 2.22%           | 0.377%        |
| 2         | 5.473       | 399           | 406         | 428          | rVB      | 917709         | 1558705       | 45.02%          | 7.651%        |
| 3         | 7.065       | 668           | 677         | 695          | rBV      | 947010         | 1667675       | 48.17%          | 8.186%        |
| 4         | 7.888       | 810           | 817         | 827          | rBV      | 261102         | 441633        | 12.76%          | 2.168%        |
| 5         | 8.211       | 864           | 872         | 881          | rBV      | 776084         | 1372579       | 39.65%          | 6.738%        |
| 6         | 9.045       | 1006          | 1014        | 1026         | rBV      | 562430         | 1041294       | 30.08%          | 5.111%        |
| 7         | 10.690      | 1286          | 1294        | 1311         | rBV      | 326152         | 612798        | 17.70%          | 3.008%        |
| 8         | 13.152      | 1705          | 1713        | 1727         | rBV      | 1492901        | 2422403       | 69.97%          | 11.891%       |
| 9         | 13.980      | 1848          | 1854        | 1865         | rBV      | 56934          | 92066         | 2.66%           | 0.452%        |
| 10        | 14.527      | 1940          | 1947        | 1956         | rBV      | 559771         | 865339        | 25.00%          | 4.248%        |
| 11        | 16.019      | 2193          | 2201        | 2214         | rBV      | 1128291        | 1818227       | 52.52%          | 8.925%        |
| 12        | 17.271      | 2407          | 2414        | 2419         | rBV      | 656181         | 1014936       | 29.32%          | 4.982%        |
| 13        | 17.312      | 2419          | 2421        | 2427         | rVB      | 39544          | 51009         | 1.47%           | 0.250%        |
| 14        | 18.334      | 2590          | 2595        | 2600         | rBV3     | 19456          | 35785         | 1.03%           | 0.176%        |
| 15        | 19.069      | 2710          | 2720        | 2723         | rBV      | 22672          | 36409         | 1.05%           | 0.179%        |
| 16        | 19.327      | 2759          | 2764        | 2770         | rVB      | 58797          | 80417         | 2.32%           | 0.395%        |
| 17        | 19.686      | 2816          | 2825        | 2834         | rBV      | 76960          | 136114        | 3.93%           | 0.668%        |
| 18        | 19.891      | 2851          | 2860        | 2865         | rBV      | 2610881        | 3461965       | 100.00%         | 16.994%       |
| 19        | 20.173      | 2899          | 2908        | 2912         | rBV3     | 21674          | 57536         | 1.66%           | 0.282%        |
| 20        | 21.184      | 3075          | 3080        | 3089         | rBV      | 191816         | 296915        | 8.58%           | 1.457%        |
| 21        | 21.513      | 3128          | 3136        | 3142         | rBV2     | 755162         | 1241863       | 35.87%          | 6.096%        |
| 22        | 21.718      | 3167          | 3171        | 3176         | rBV2     | 40058          | 57725         | 1.67%           | 0.283%        |
| 23        | 22.306      | 3266          | 3271        | 3282         | rBV3     | 58542          | 111743        | 3.23%           | 0.549%        |
| 24        | 22.964      | 3378          | 3383        | 3391         | rVB      | 60524          | 109766        | 3.17%           | 0.539%        |
| 25        | 23.622      | 3487          | 3495        | 3497         | rBV3     | 20863          | 48507         | 1.40%           | 0.238%        |
| 26        | 23.734      | 3508          | 3514        | 3521         | rBV      | 67899          | 136489        | 3.94%           | 0.670%        |
| 27        | 24.586      | 3649          | 3659        | 3676         | rBV2     | 441598         | 1348937       | 38.96%          | 6.622%        |
| 28        | 25.708      | 3842          | 3850        | 3862         | rVB2     | 62735          | 176335        | 5.09%           | 0.866%        |

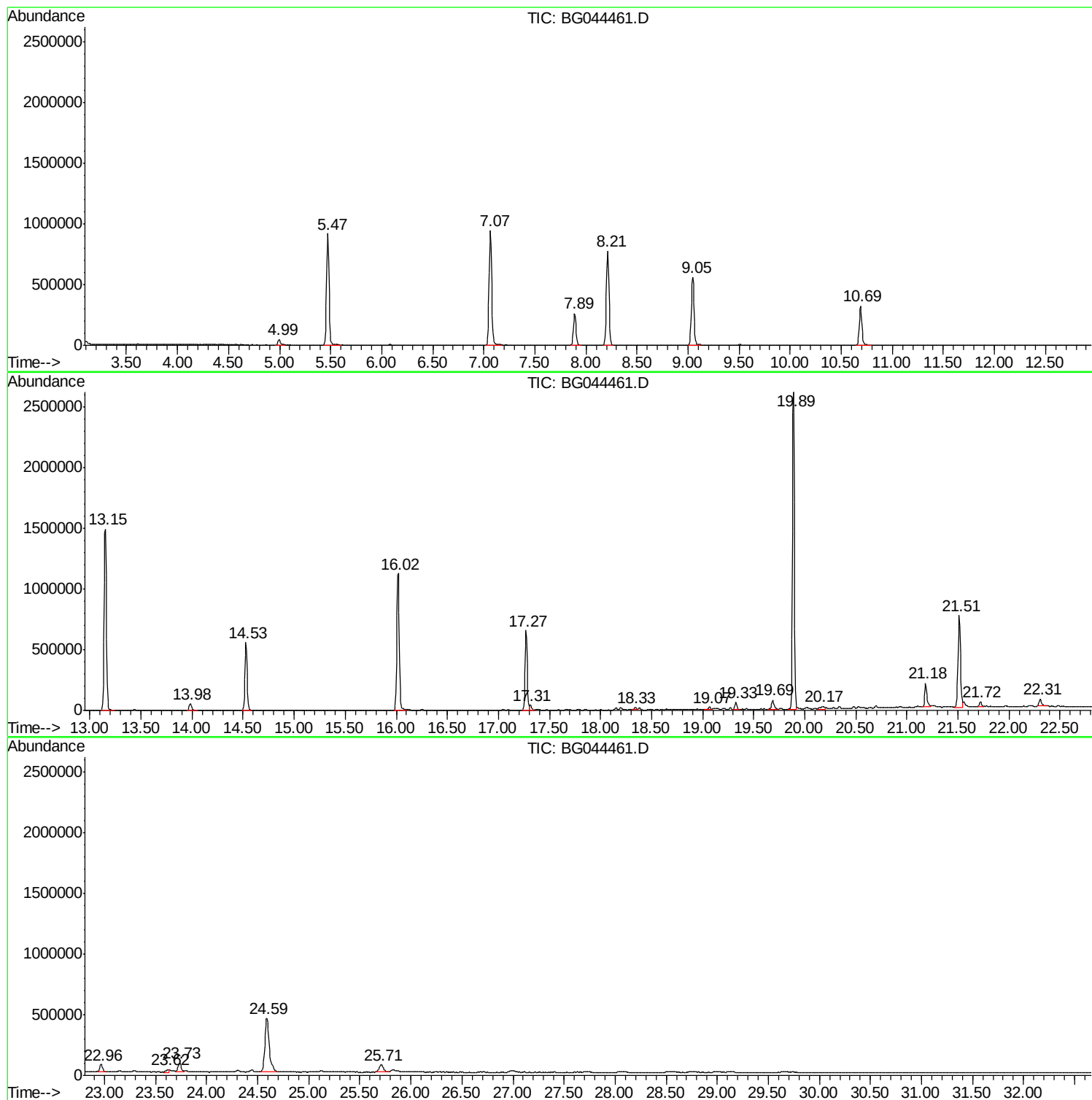
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INDIAN-ISLAND-(3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG013020.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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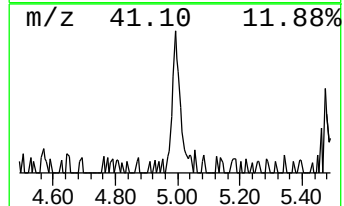
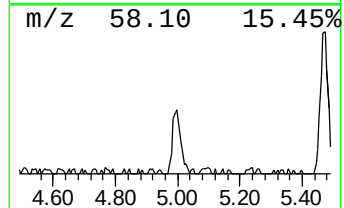
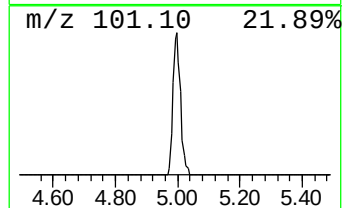
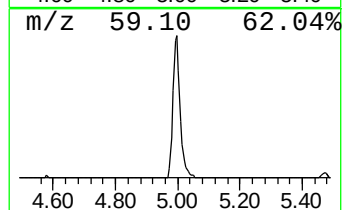
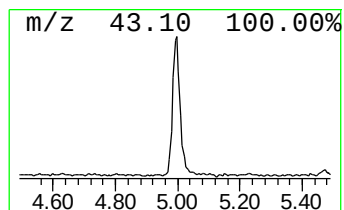
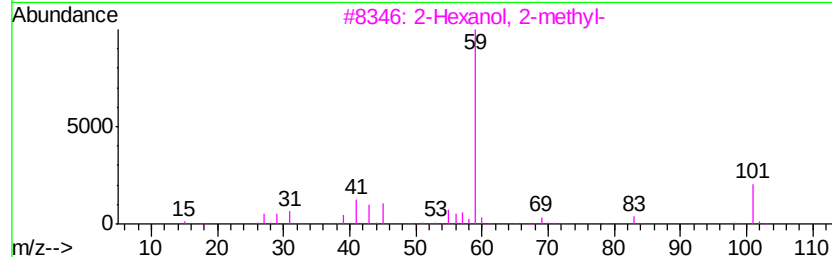
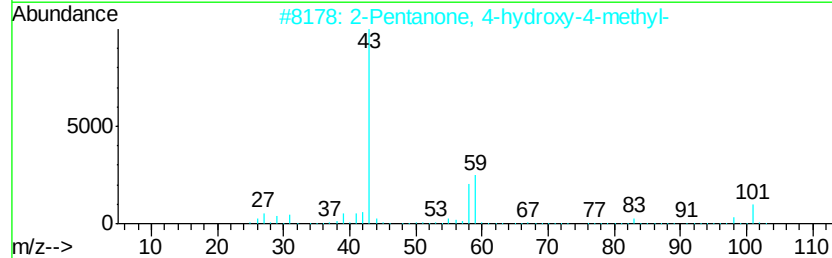
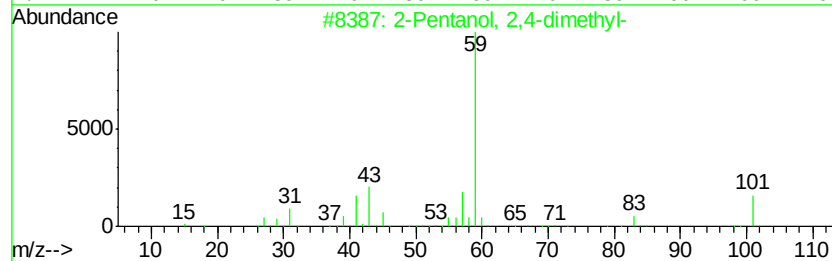
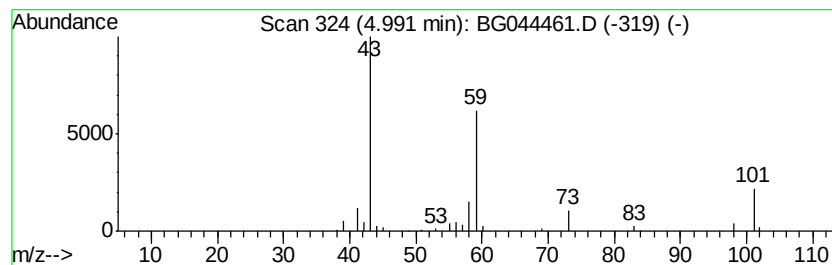
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanol, 2,4-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.99 | 3.48 ng | 76853 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanol, 2,4-dimethyl-        | 116 | C7H16O  | 000625-06-9 | 50   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 42   |
| 3    |    |   | 2-Hexanol, 2-methyl-             | 116 | C7H16O  | 000625-23-0 | 40   |
| 4    |    |   | Propane, 1-ethoxy-2-methyl-      | 102 | C6H14O  | 000627-02-1 | 23   |
| 5    |    |   | Butane, 1-ethoxy-                | 102 | C6H14O  | 000628-81-9 | 23   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

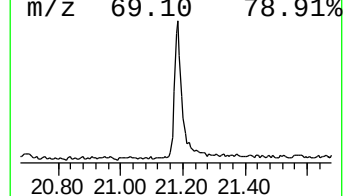
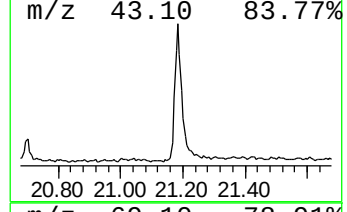
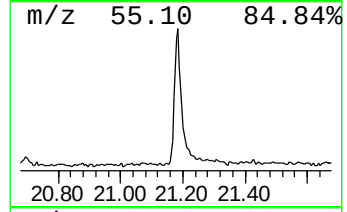
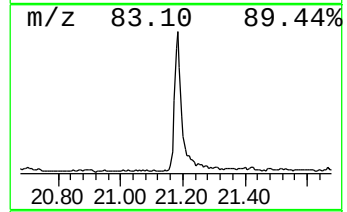
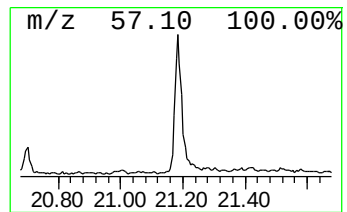
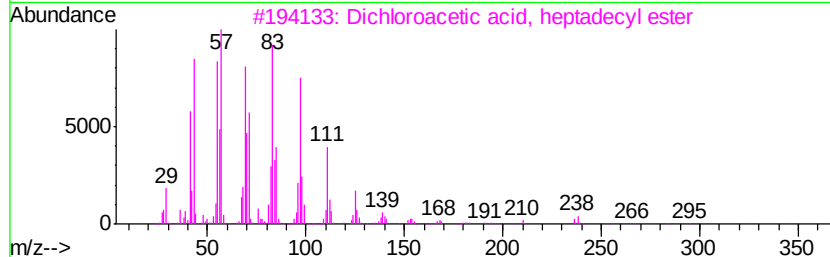
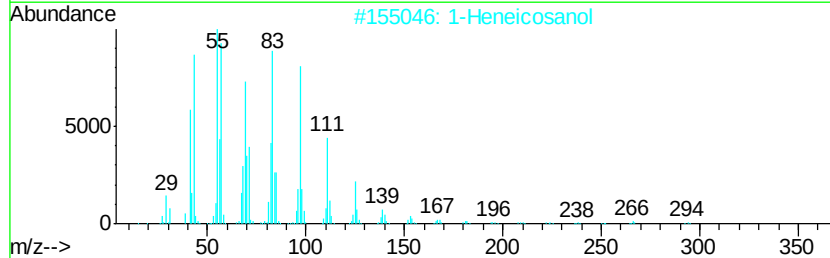
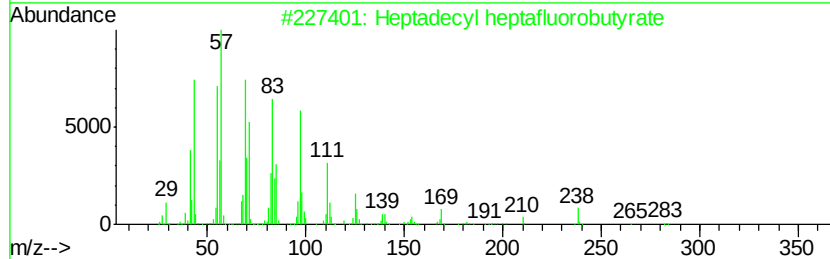
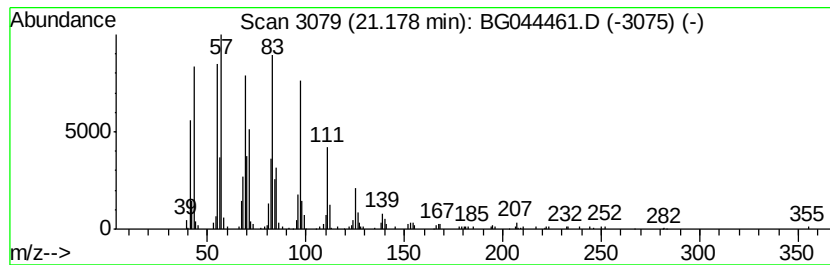
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.18 | 4.78 ng | 296915 | Chrysene-d12     | 21.51 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|---------|---|-------------------------------------|-----|-------------|--------------|------|
| 1       |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 94   |
| 2       |   | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8  | 93   |
| 3       |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 91   |
| 4       |   | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4  | 90   |
| 5       |   | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8  | 90   |



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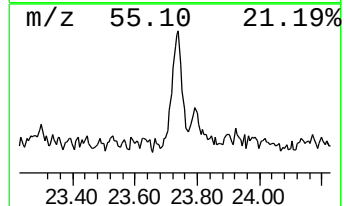
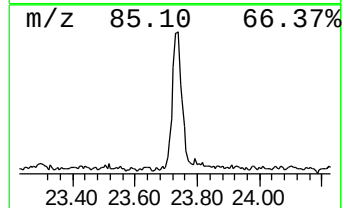
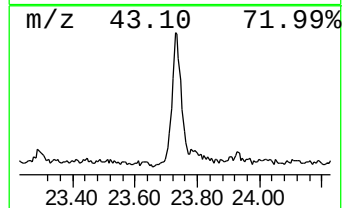
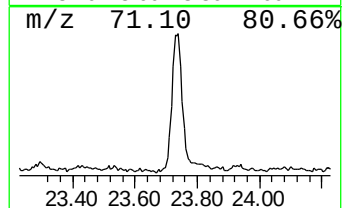
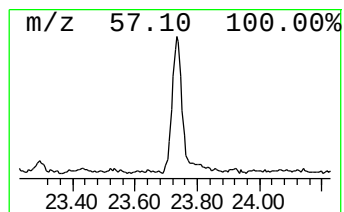
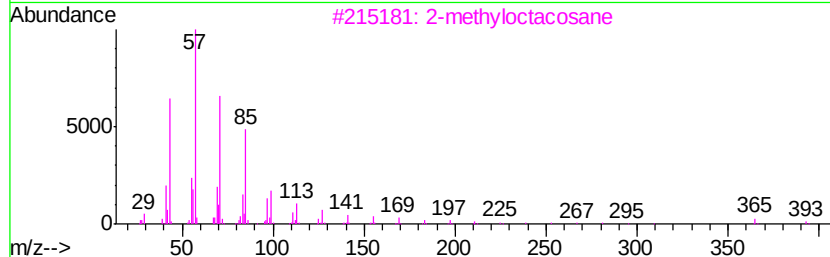
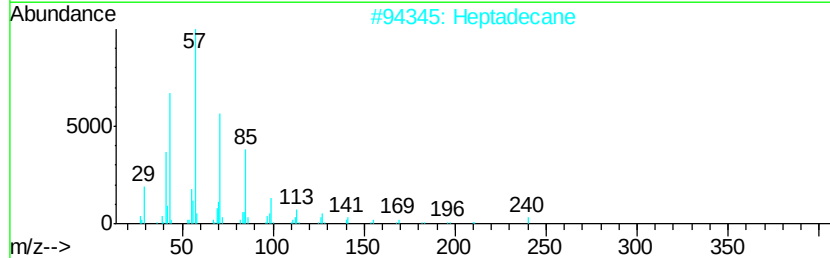
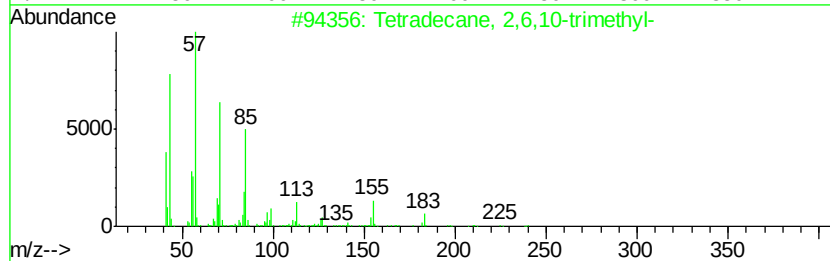
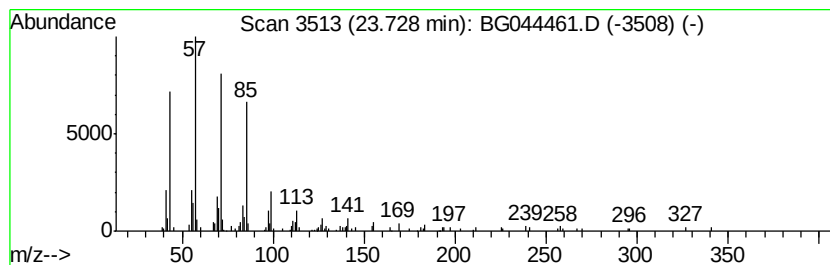
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Tetradecane, 2,6,10-trimethyl- Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.73 | 2.02 ng | 136489 | Perylene-d12     | 24.59 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------------------|-----|---------|--------------|------|
| 1    | 5  | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36  | 014905-56-7  | 93   |
| 2    |    | Heptadecane                    | 240 | C17H36  | 000629-78-7  | 90   |
| 3    |    | 2-methyloctacosane             | 408 | C29H60  | 1000376-72-8 | 87   |
| 4    |    | Hexacosane                     | 366 | C26H54  | 000630-01-3  | 87   |
| 5    |    | Hexadecane, 1-iodo-            | 352 | C16H33I | 000544-77-4  | 87   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG013020.M  
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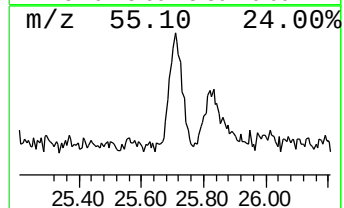
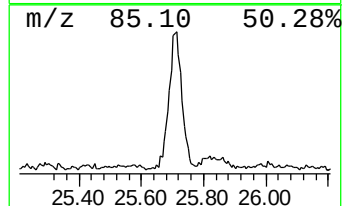
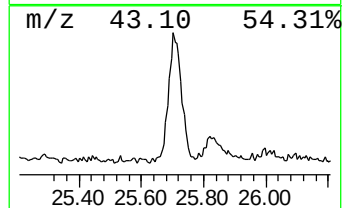
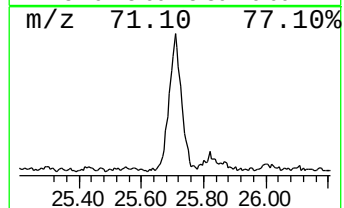
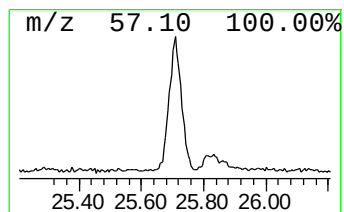
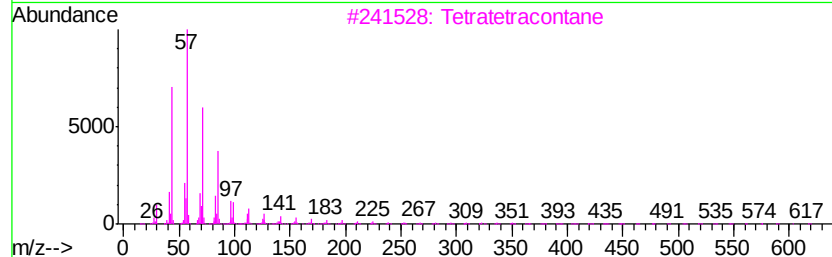
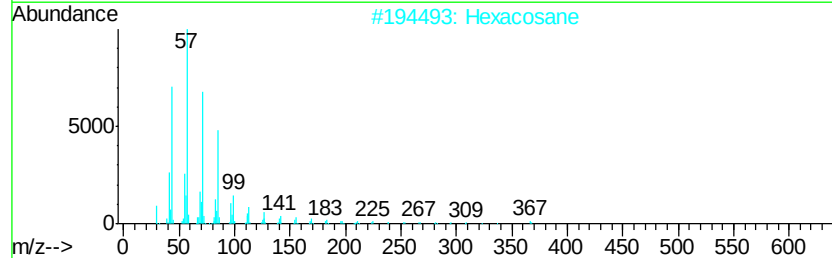
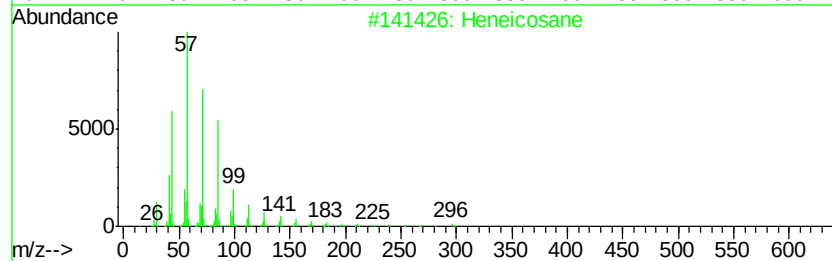
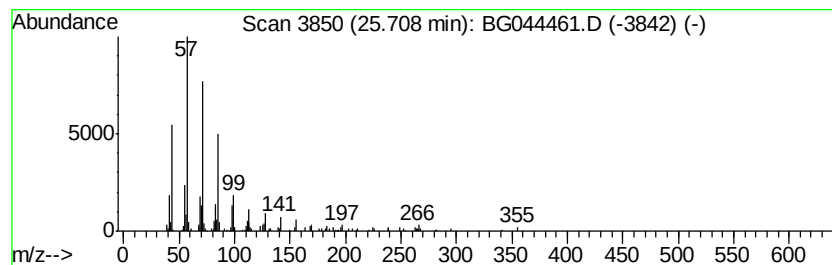
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Heneicosane Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 25.71 | 2.61 ng | 176335 | Perylene-d12     | 24.59 |

| Hit# of | 5                 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------|--------------|-----|---------|-------------|------|
| 1       | Heneicosane       |              | 296 | C21H44  | 000629-94-7 | 91   |
| 2       | Hexacosane        |              | 366 | C26H54  | 000630-01-3 | 91   |
| 3       | Tetratetracontane |              | 619 | C44H90  | 007098-22-8 | 91   |
| 4       | Heptacosane       |              | 380 | C27H56  | 000593-49-7 | 91   |
| 5       | Pentacosane       |              | 352 | C25H52  | 000629-99-2 | 91   |



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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-Pentanol, 2,4-d... | 4.99  | 3.5     | ng    | 76853    | 1                     | 7.89  | 441633  | 20.0 |
| Heptadecyl heptaf... | 21.18 | 4.8     | ng    | 296915   | 5                     | 21.51 | 1241860 | 20.0 |
| Tetradecane, 2,6,... | 23.73 | 2.0     | ng    | 136489   | 6                     | 24.59 | 1348940 | 20.0 |
| Heneicosane          | 25.71 | 2.6     | ng    | 176335   | 6                     | 24.59 | 1348940 | 20.0 |