

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM022516\  
 Data File : BM004410.D  
 Acq On : 25 Feb 2016 22:09  
 Operator : SJ/UM  
 Sample : H1572-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 0311-S52-0003

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 1 % 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\_M\METHODS\SOM02.2-EPA-BM022216.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.734       | 3             | 8           | 17           | rBV      | 83619          | 127867        | 36.87%          | 3.194%        |
| 2         | 2.811       | 17            | 21          | 32           | rVB      | 79828          | 94788         | 27.33%          | 2.368%        |
| 3         | 6.805       | 695           | 700         | 712          | rBB      | 34514          | 55971         | 16.14%          | 1.398%        |
| 4         | 6.952       | 720           | 725         | 733          | rBB      | 33028          | 50479         | 14.56%          | 1.261%        |
| 5         | 7.152       | 754           | 759         | 767          | rBB      | 44198          | 64861         | 18.70%          | 1.620%        |
| 6         | 7.616       | 832           | 838         | 845          | rBB      | 74756          | 116995        | 33.74%          | 2.923%        |
| 7         | 8.340       | 956           | 961         | 972          | rBB      | 48946          | 77588         | 22.37%          | 1.938%        |
| 8         | 8.775       | 1030          | 1035        | 1041         | rBV      | 38356          | 60299         | 17.39%          | 1.506%        |
| 9         | 8.834       | 1041          | 1045        | 1048         | rVB      | 4000           | 5233          | 1.51%           | 0.131%        |
| 10        | 9.499       | 1153          | 1158        | 1165         | rBB      | 30349          | 46805         | 13.50%          | 1.169%        |
| 11        | 10.040      | 1245          | 1250        | 1262         | rBV      | 45971          | 78637         | 22.68%          | 1.964%        |
| 12        | 10.399      | 1305          | 1311        | 1320         | rBB      | 116991         | 190323        | 54.88%          | 4.755%        |
| 13        | 10.551      | 1331          | 1337        | 1354         | rBB      | 43853          | 79270         | 22.86%          | 1.980%        |
| 14        | 13.687      | 1865          | 1870        | 1875         | rBV      | 109738         | 153401        | 44.24%          | 3.832%        |
| 15        | 13.734      | 1875          | 1878        | 1886         | rVB      | 53640          | 73947         | 21.32%          | 1.847%        |
| 16        | 13.969      | 1912          | 1918        | 1930         | rBB      | 136328         | 189287        | 54.58%          | 4.729%        |
| 17        | 14.175      | 1949          | 1953        | 1956         | rVB      | 6504           | 7793          | 2.25%           | 0.195%        |
| 18        | 14.281      | 1965          | 1971        | 1977         | rBB2     | 176104         | 268494        | 77.43%          | 6.707%        |
| 19        | 14.539      | 2011          | 2015        | 2033         | rBB2     | 11598          | 28398         | 8.19%           | 0.709%        |
| 20        | 15.128      | 2109          | 2115        | 2119         | rVB2     | 9360           | 12554         | 3.62%           | 0.314%        |
| 21        | 15.275      | 2135          | 2140        | 2150         | rBB      | 173947         | 244652        | 70.55%          | 6.112%        |
| 22        | 15.428      | 2162          | 2166        | 2173         | rBB      | 20559          | 27143         | 7.83%           | 0.678%        |
| 23        | 15.992      | 2259          | 2262        | 2270         | rBB      | 10434          | 15755         | 4.54%           | 0.394%        |
| 24        | 16.786      | 2394          | 2397        | 2401         | rBB      | 5569           | 6173          | 1.78%           | 0.154%        |
| 25        | 17.033      | 2433          | 2439        | 2445         | rBV      | 218191         | 299003        | 86.22%          | 7.470%        |
| 26        | 17.133      | 2450          | 2456        | 2468         | rVV      | 173889         | 245334        | 70.75%          | 6.129%        |
| 27        | 19.110      | 2788          | 2792        | 2798         | rVB      | 6020           | 8248          | 2.38%           | 0.206%        |
| 28        | 19.439      | 2843          | 2848        | 2859         | rBV      | 210938         | 292346        | 84.30%          | 7.303%        |
| 29        | 20.945      | 3101          | 3104        | 3110         | rBV      | 12934          | 15970         | 4.61%           | 0.399%        |
| 30        | 21.151      | 3136          | 3139        | 3142         | rBV      | 4389           | 4314          | 1.24%           | 0.108%        |
| 31        | 21.245      | 3149          | 3155        | 3165         | rBV      | 267224         | 346776        | 100.00%         | 8.663%        |
| 32        | 21.810      | 3249          | 3251        | 3260         | rVB2     | 3794           | 6181          | 1.78%           | 0.154%        |
| 33        | 22.274      | 3326          | 3330        | 3334         | rBV2     | 3953           | 5793          | 1.67%           | 0.145%        |
| 34        | 22.762      | 3409          | 3413        | 3417         | rBV2     | 8401           | 10954         | 3.16%           | 0.274%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 22.809 | 3417 | 3421 | 3434 | rVB  | 15651  | 32994  | 9.51%  | 0.824% |
| 36 | 23.327 | 3502 | 3509 | 3524 | rVB  | 154251 | 290669 | 83.82% | 7.261% |
| 37 | 23.468 | 3526 | 3533 | 3548 | rVB2 | 169976 | 329802 | 95.11% | 8.239% |
| 38 | 23.945 | 3610 | 3614 | 3621 | rVB  | 11008  | 19687  | 5.68%  | 0.492% |
| 39 | 24.674 | 3735 | 3738 | 3746 | rVB5 | 7214   | 14098  | 4.07%  | 0.352% |
| 40 | 26.509 | 4046 | 4050 | 4051 | rBV4 | 2725   | 4059   | 1.17%  | 0.101% |

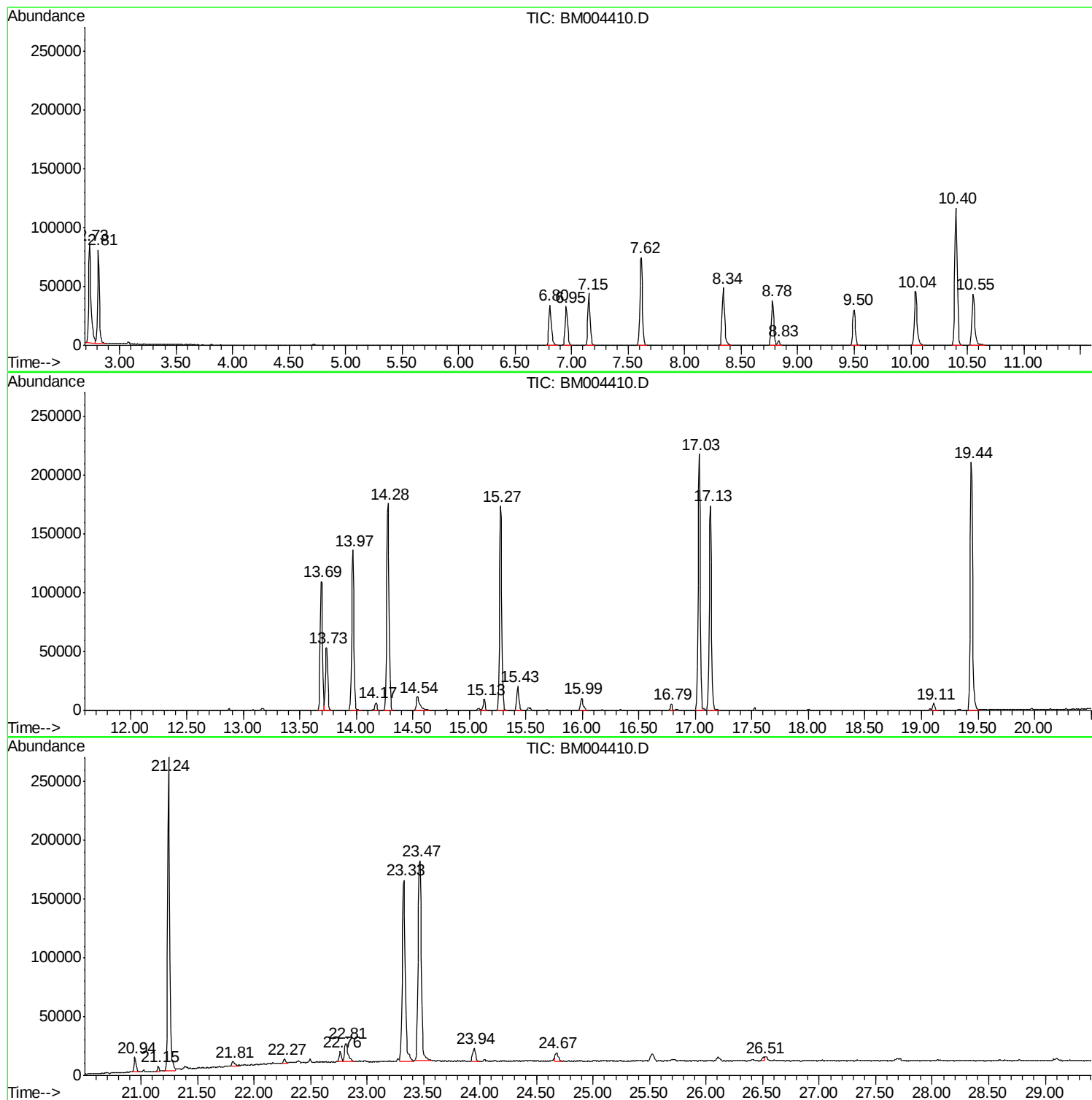
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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM022216.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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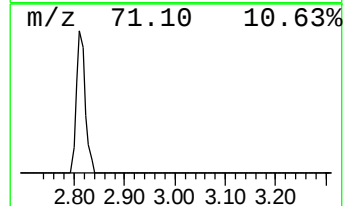
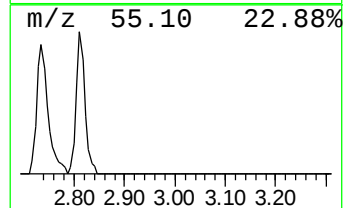
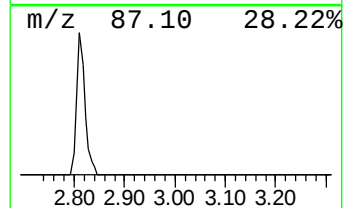
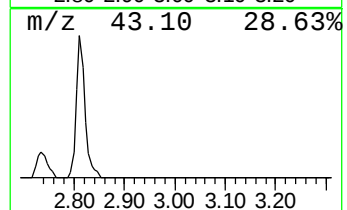
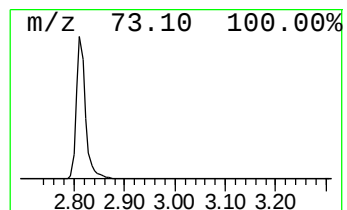
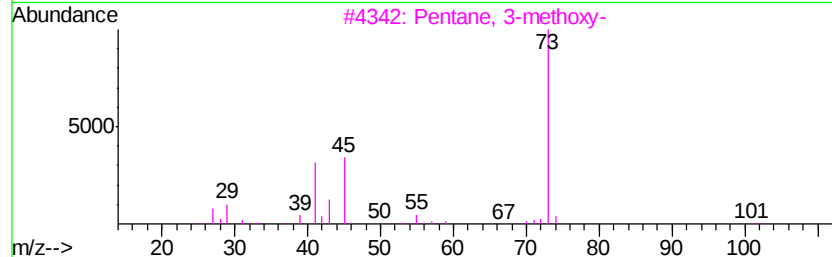
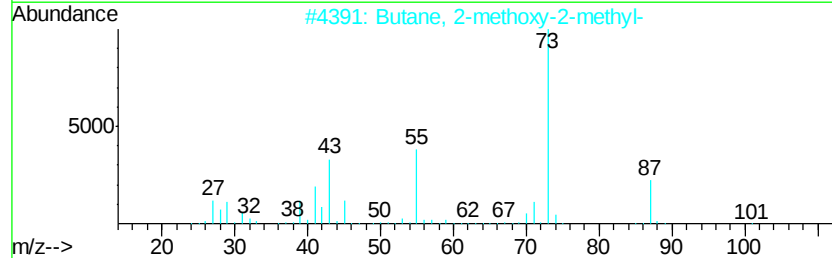
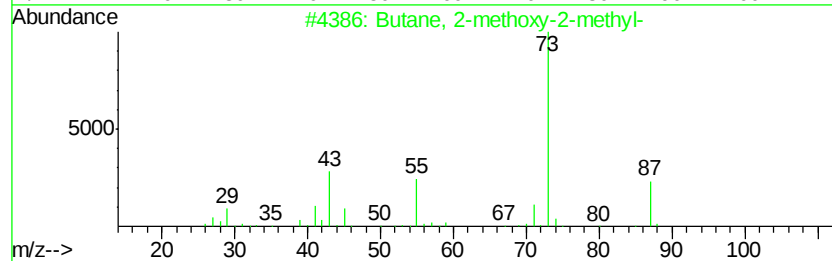
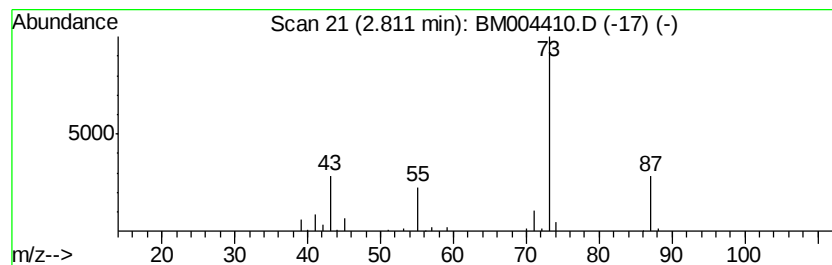
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area  | Relative to ISTD       | R.T. |
|------|-------------|-------|------------------------|------|
| 2.81 | 16.20 ng/ul | 94788 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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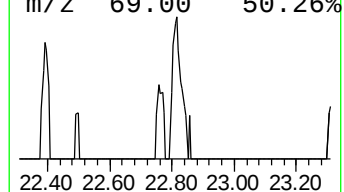
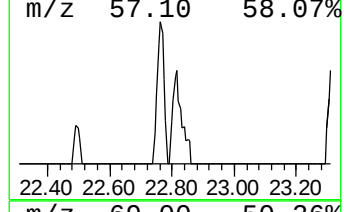
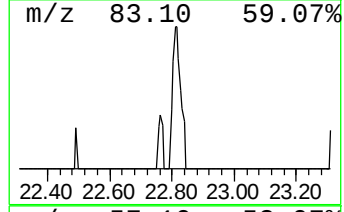
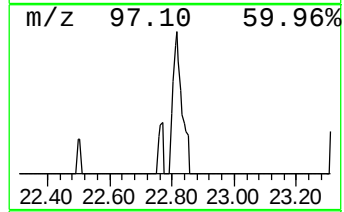
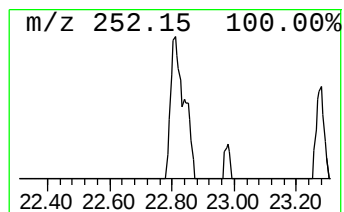
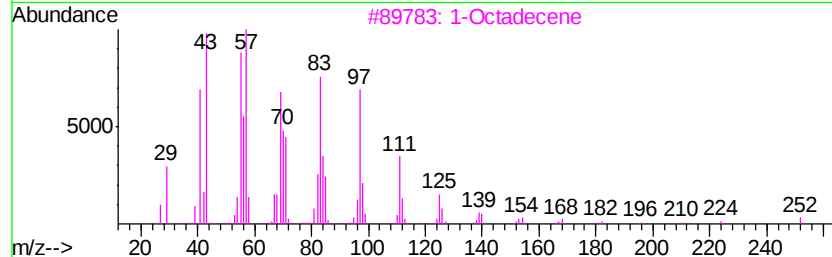
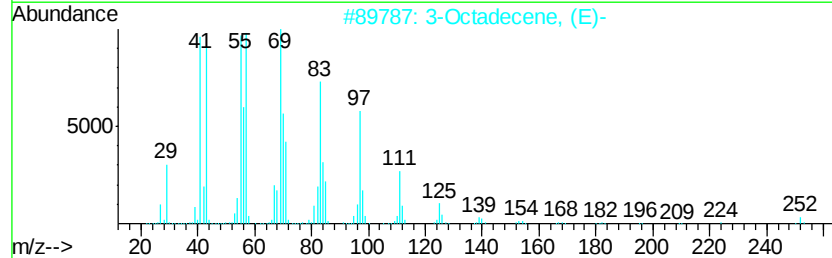
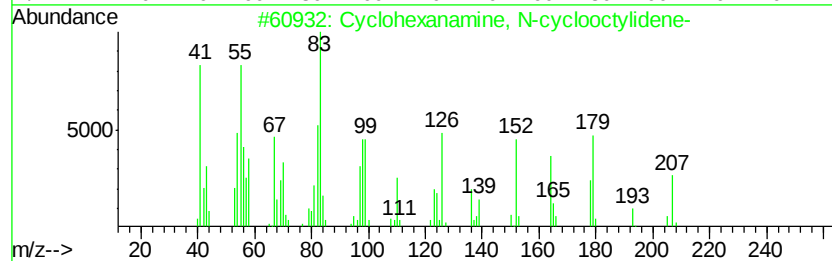
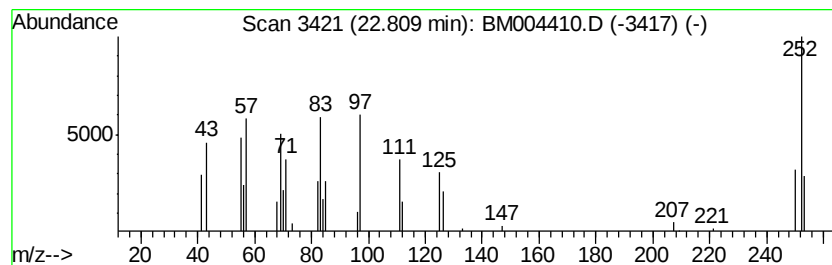
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Peak Number 3 Cyclohexanamine, N-cyclooct... Concentration Rank 3

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 22.81 | 2.00 ng/ul | 32994 | Perylene-d12     | 23.47 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Cyclohexanamine, N-cyclooctylidene- | 207 | C14H25N    | 054699-42-2  | 53   |
| 2    |    | 3-Octadecene, (E)-                  | 252 | C18H36     | 007206-19-1  | 43   |
| 3    |    | 1-Octadecene                        | 252 | C18H36     | 000112-88-9  | 43   |
| 4    |    | Thiophene, 2-dodecyl-               | 252 | C16H28S    | 004861-61-4  | 43   |
| 5    |    | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 1000283-04-2 | 38   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 2.81  | 16.2    | ng/ul | 94788    | 1                     | 7.62  | 116995 | 20.0 |
| Cyclohexanamine, ... | 22.81 | 2.0     | ng/ul | 32994    | 6                     | 23.47 | 329802 | 20.0 |