

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\  
 Data File : BG045917.D  
 Acq On : 2 Jul 2020 16:43  
 Operator : CG/JU  
 Sample : L3197-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-2-COMP

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061520.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         | 5.449       | 394           | 402         | 421          | rBV      | 767837         | 1357512       | 29.64%          | 6.917%        |
| 2         | 7.071       | 670           | 678         | 692          | rBV      | 838668         | 1507801       | 32.92%          | 7.682%        |
| 3         | 7.452       | 738           | 743         | 752          | rBV      | 36206          | 65570         | 1.43%           | 0.334%        |
| 4         | 7.852       | 805           | 811         | 820          | rBV      | 183391         | 307289        | 6.71%           | 1.566%        |
| 5         | 8.175       | 858           | 866         | 881          | rBV      | 719559         | 1275797       | 27.85%          | 6.500%        |
| 6         | 9.015       | 1001          | 1009        | 1025         | rBV      | 567797         | 1048468       | 22.89%          | 5.342%        |
| 7         | 10.660      | 1281          | 1289        | 1299         | rBV      | 237081         | 428283        | 9.35%           | 2.182%        |
| 8         | 13.133      | 1702          | 1710        | 1721         | rBV      | 1581978        | 2572514       | 56.16%          | 13.107%       |
| 9         | 13.967      | 1844          | 1852        | 1863         | rBV      | 182041         | 283932        | 6.20%           | 1.447%        |
| 10        | 14.508      | 1937          | 1944        | 1952         | rBV      | 385283         | 625920        | 13.66%          | 3.189%        |
| 11        | 16.011      | 2193          | 2200        | 2216         | rBV      | 1354594        | 2125532       | 46.40%          | 10.830%       |
| 12        | 17.263      | 2407          | 2413        | 2421         | rBV      | 527524         | 805071        | 17.58%          | 4.102%        |
| 13        | 19.883      | 2853          | 2859        | 2867         | rBV      | 3319734        | 4580674       | 100.00%         | 23.339%       |
| 14        | 21.175      | 3074          | 3079        | 3095         | rBV      | 185773         | 359333        | 7.84%           | 1.831%        |
| 15        | 21.510      | 3130          | 3136        | 3144         | rBV      | 603213         | 989533        | 21.60%          | 5.042%        |
| 16        | 22.932      | 3371          | 3378        | 3387         | rBV4     | 61014          | 175552        | 3.83%           | 0.894%        |
| 17        | 23.719      | 3507          | 3512        | 3518         | rVB5     | 28518          | 58870         | 1.29%           | 0.300%        |
| 18        | 24.588      | 3650          | 3660        | 3673         | rBV2     | 373064         | 1058815       | 23.11%          | 5.395%        |

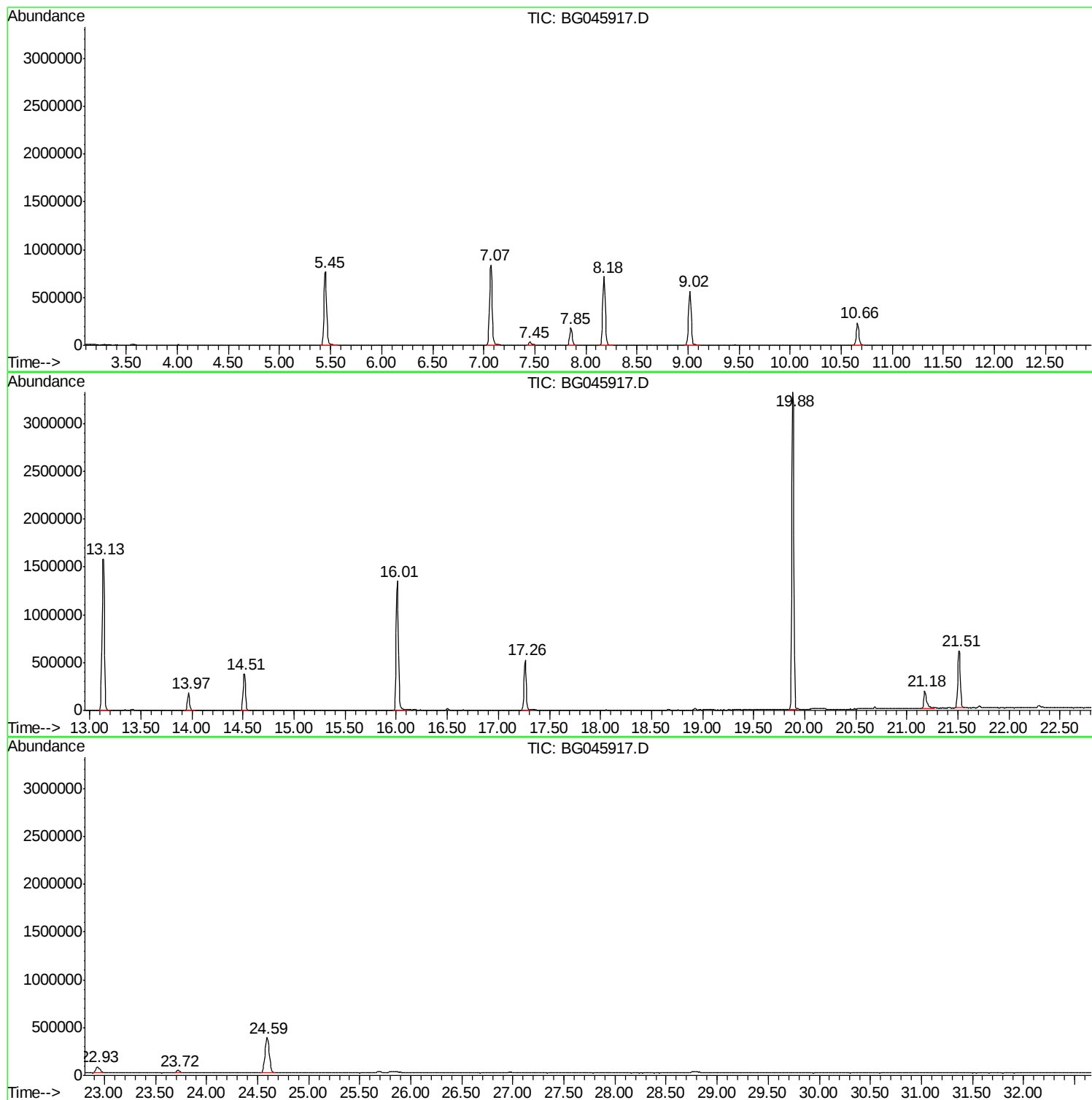
Sum of corrected areas: 19626466

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.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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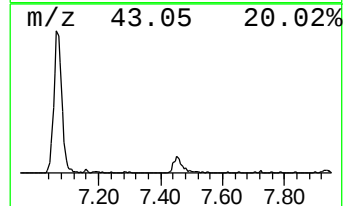
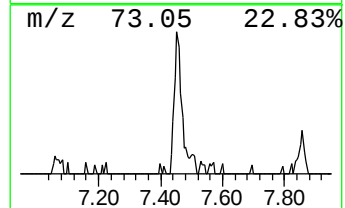
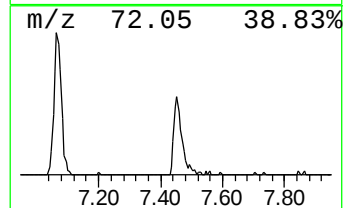
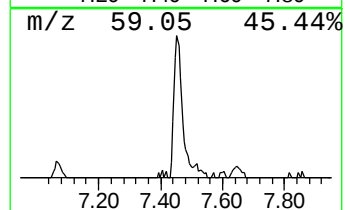
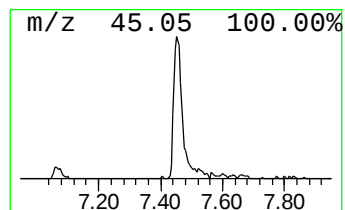
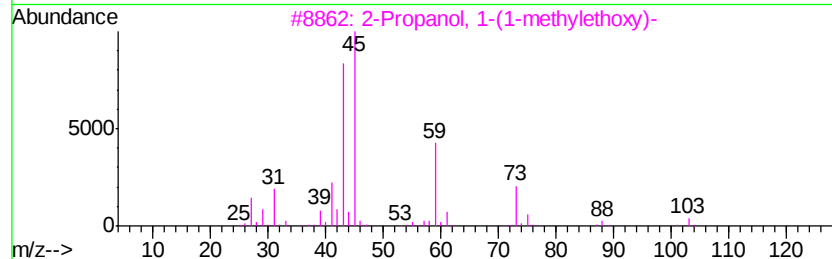
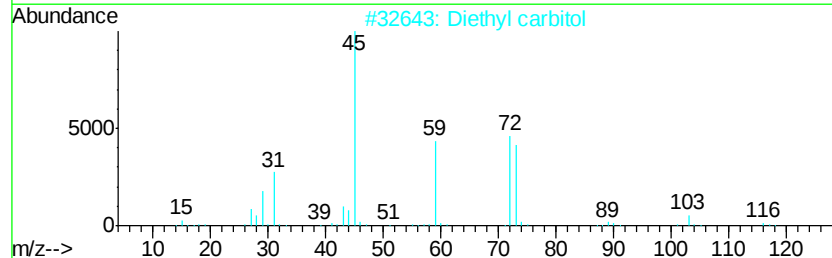
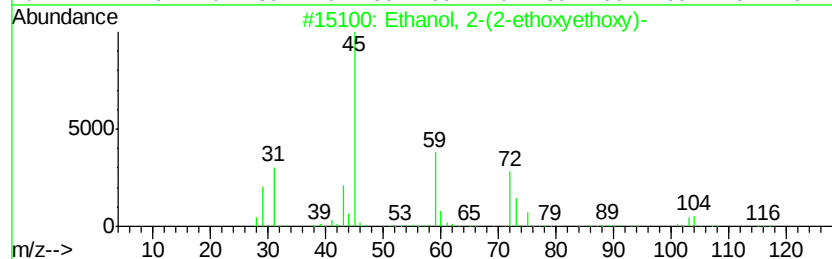
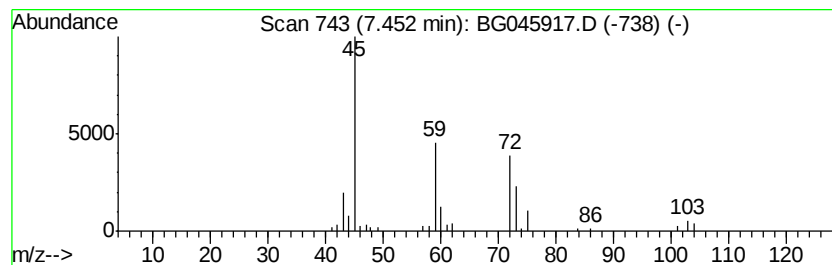
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 7.45 | 4.27 ng | 65570 | 1,4-Dichlorobenzene-d4 | 7.85 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Ethanol, 2-(2-ethoxvethoxy)-        | 134 | C6H14O3 | 000111-90-0 | 90   |
| 2    |    | Diethyl carbitol                    | 162 | C8H18O3 | 000112-36-7 | 59   |
| 3    |    | 2-Propanol, 1-(1-methvlethoxy)-     | 118 | C6H14O2 | 003944-36-3 | 42   |
| 4    |    | Ethanol, 2-[2-(2-ethoxvethoxy)et... | 178 | C8H18O4 | 000112-50-5 | 42   |
| 5    |    | Ethanol, 2-(2-methoxyethoxy)-       | 120 | C5H12O3 | 000111-77-3 | 40   |



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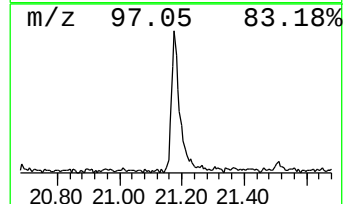
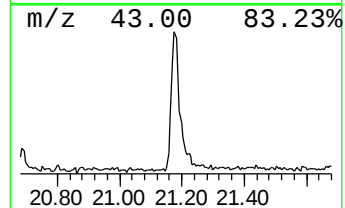
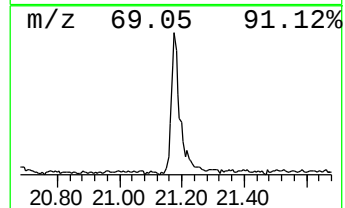
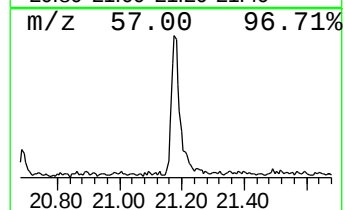
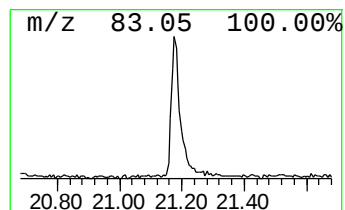
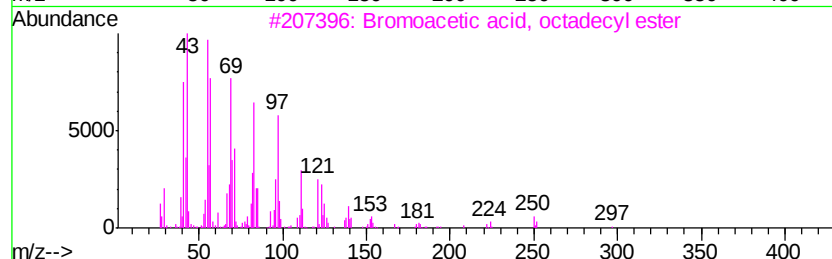
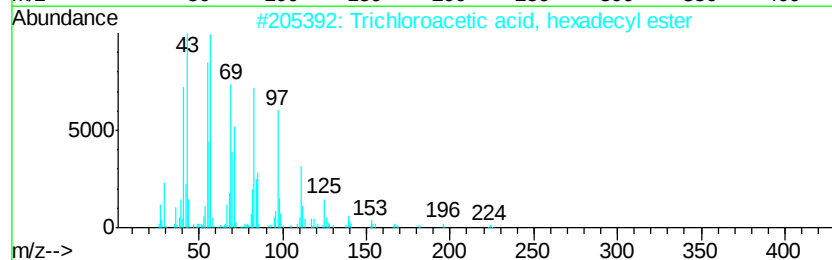
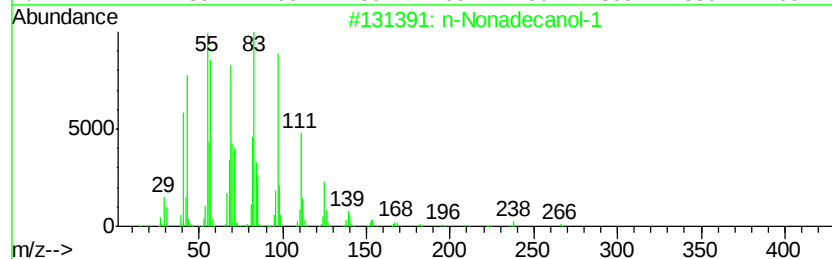
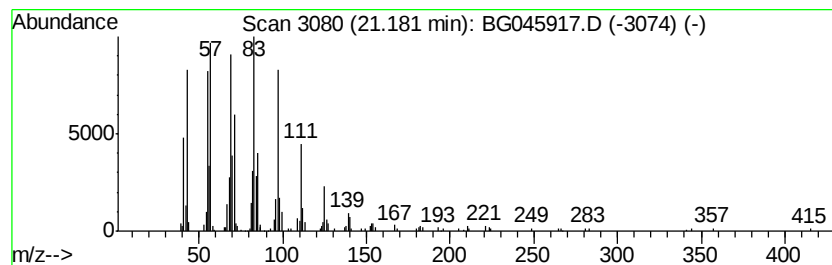
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Peak Number 3 n-Nonadecanol-1 Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.18 | 7.26 ng | 359333 | Chrysene-d12     | 21.51 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|-------------|-------------|------|
| 1       | n-Nonadecanol-1                     |              | 284 | C19H40O     | 001454-84-8 | 93   |
| 2       | Trichloroacetic acid, hexadecyl ... |              | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |
| 3       | Bromoacetic acid, octadecyl ester   |              | 390 | C20H39BrO2  | 018992-03-5 | 91   |
| 4       | Heptadecyl heptafluorobutyrate      |              | 452 | C21H35F7O2  | 959085-66-6 | 91   |
| 5       | 3-Eicosene, (E)-                    |              | 280 | C20H40      | 074685-33-9 | 90   |



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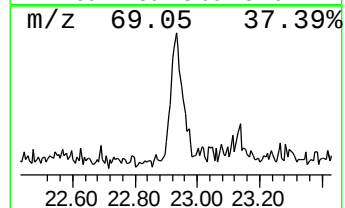
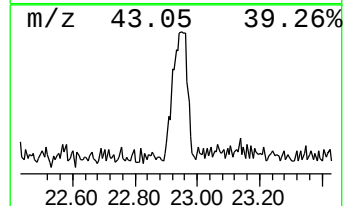
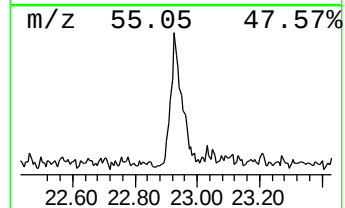
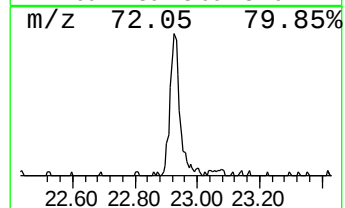
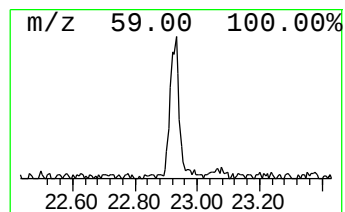
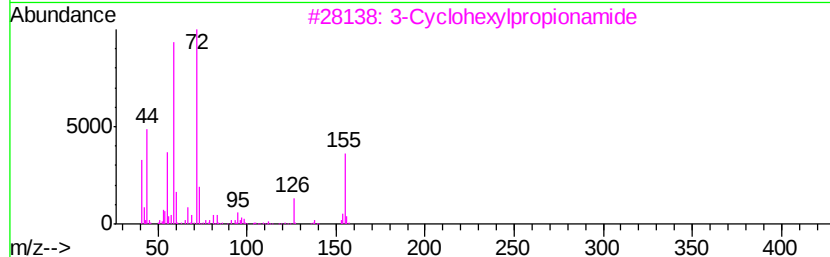
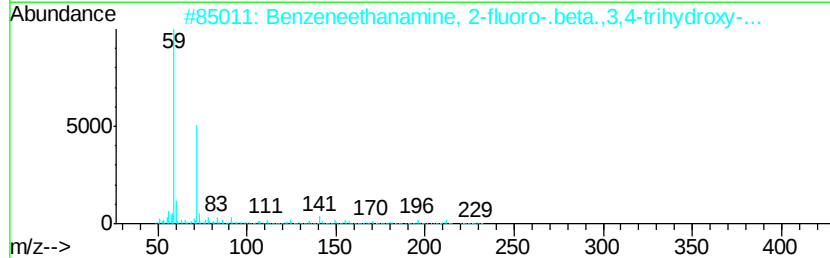
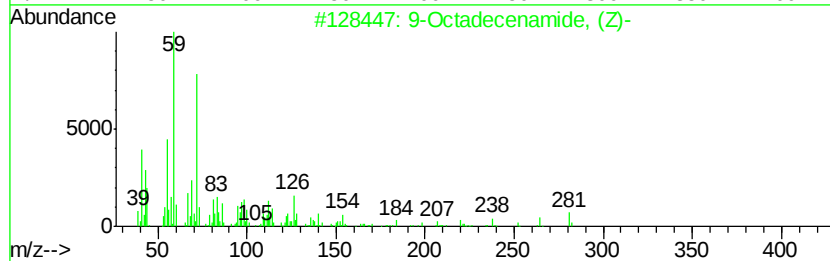
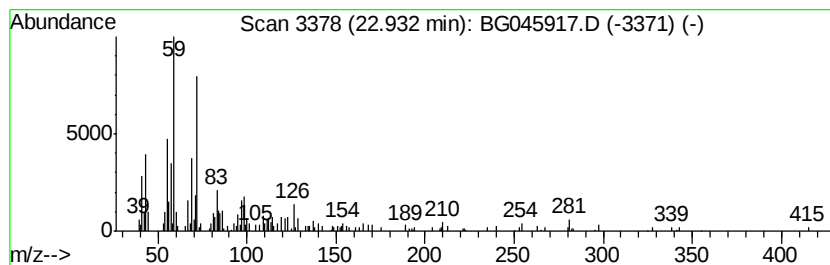
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.93 | 3.55 ng | 175552 | Chrysene-d12     | 21.51 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 9-Octadecenamide, (Z)-              | 281 | C18H35NO   | 000301-02-0 | 87   |
| 2    |    | Benzeneethanamine, 2-fluoro-.bet... | 229 | C11H16FN03 | 061338-98-5 | 45   |
| 3    |    | 3-Cyclohexylpropionamide            | 155 | C9H17NO    | 004361-29-9 | 38   |
| 4    |    | Tetradecanamide                     | 227 | C14H29NO   | 000638-58-4 | 37   |
| 5    |    | Decanamide-                         | 171 | C10H21NO   | 002319-29-1 | 32   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethanol, 2-(2-eth... | 7.45  | 4.3     | ng    | 65570    | 1                     | 7.85  | 307289 | 20.0 |
| n-Nonadecanol-1      | 21.18 | 7.3     | ng    | 359333   | 5                     | 21.51 | 989533 | 20.0 |
| 9-Octadecenamide,... | 22.93 | 3.5     | ng    | 175552   | 5                     | 21.51 | 989533 | 20.0 |