

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\  
 Data File : BM016624.D  
 Acq On : 28 Aug 2018 02:52  
 Operator : SJ/JU  
 Sample : J4660-12  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 082318-DBRI-F-U-S

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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM082118.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         | 5.552       | 379           | 385         | 396          | rBV      | 326105         | 634079        | 3.53%           | 1.321%        |
| 2         | 7.181       | 658           | 662         | 681          | rBV      | 188145         | 403786        | 2.24%           | 0.842%        |
| 3         | 7.528       | 715           | 721         | 736          | rBV      | 1001610        | 1735936       | 9.65%           | 3.618%        |
| 4         | 8.005       | 796           | 802         | 813          | rBV      | 321876         | 595961        | 3.31%           | 1.242%        |
| 5         | 8.316       | 848           | 855         | 872          | rBV      | 1988102        | 3201033       | 17.80%          | 6.671%        |
| 6         | 9.187       | 997           | 1003        | 1020         | rBV      | 1124885        | 1973823       | 10.97%          | 4.114%        |
| 7         | 10.810      | 1272          | 1279        | 1291         | rBV2     | 346998         | 688113        | 3.83%           | 1.434%        |
| 8         | 13.257      | 1688          | 1695        | 1709         | rBV      | 5073801        | 6971263       | 38.76%          | 14.529%       |
| 9         | 14.640      | 1922          | 1930        | 1940         | rBV2     | 600952         | 1032941       | 5.74%           | 2.153%        |
| 10        | 16.134      | 2178          | 2184        | 2199         | rBV      | 3246855        | 4758279       | 26.45%          | 9.917%        |
| 11        | 17.386      | 2391          | 2397        | 2408         | rBV      | 1009285        | 1533846       | 8.53%           | 3.197%        |
| 12        | 18.239      | 2536          | 2542        | 2548         | rBV3     | 135220         | 203490        | 1.13%           | 0.424%        |
| 13        | 19.975      | 2832          | 2837        | 2847         | rBV      | 16811549       | 17986357      | 100.00%         | 37.485%       |
| 14        | 21.527      | 3096          | 3101        | 3110         | rBV      | 1797189        | 2610202       | 14.51%          | 5.440%        |
| 15        | 21.621      | 3115          | 3117        | 3122         | rVB2     | 171811         | 199999        | 1.11%           | 0.417%        |
| 16        | 22.057      | 3188          | 3191        | 3195         | rBV4     | 179917         | 230035        | 1.28%           | 0.479%        |
| 17        | 22.521      | 3267          | 3270        | 3277         | rVB4     | 218314         | 278262        | 1.55%           | 0.580%        |
| 18        | 23.027      | 3353          | 3356        | 3362         | rVB7     | 161612         | 249523        | 1.39%           | 0.520%        |
| 19        | 23.810      | 3483          | 3489        | 3501         | rBV      | 1304221        | 2695676       | 14.99%          | 5.618%        |

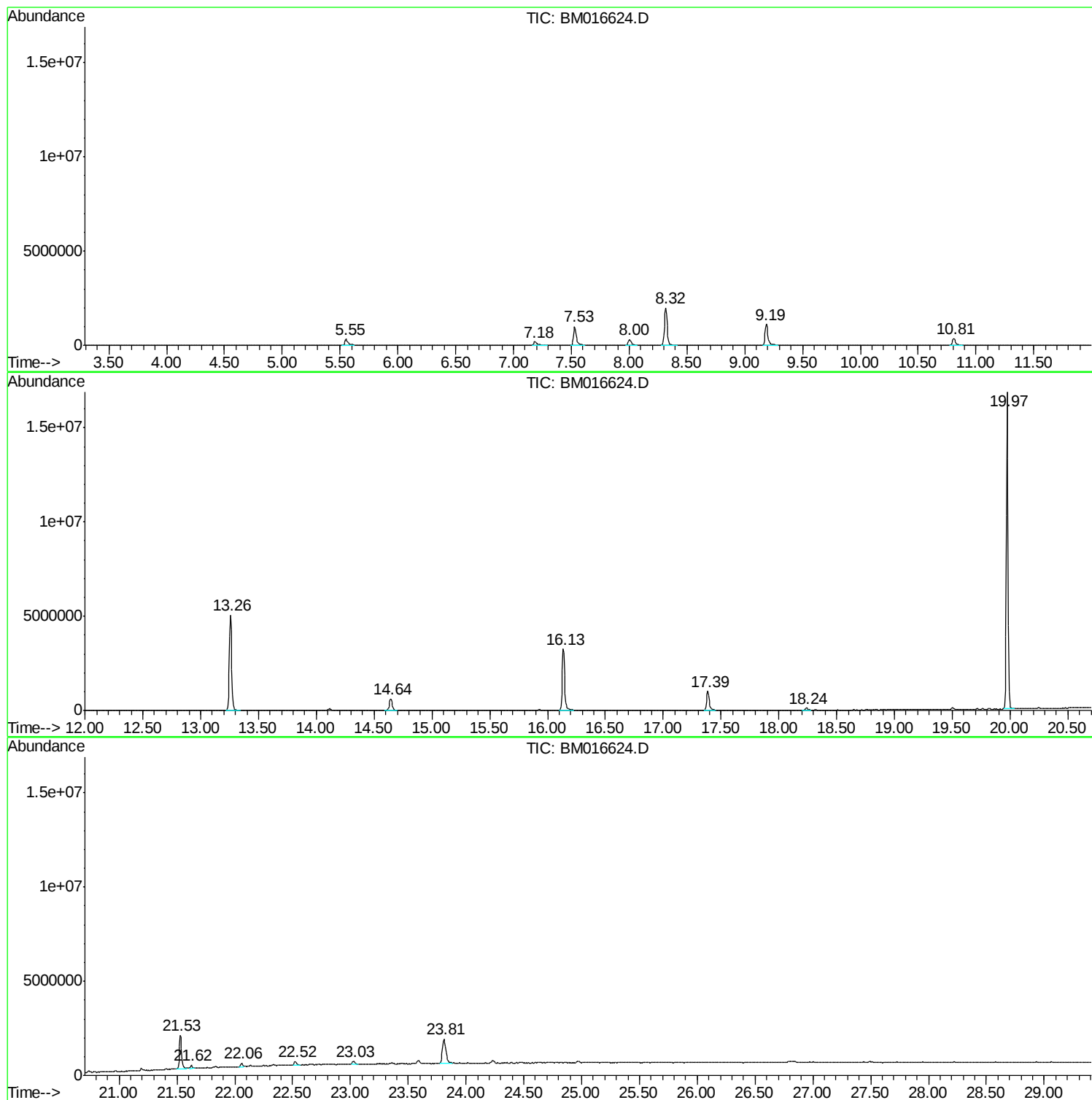
Sum of corrected areas: 47982604

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Instrument :  
BNA\_M  
ClientSampleId :  
082318-DBRI-F-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

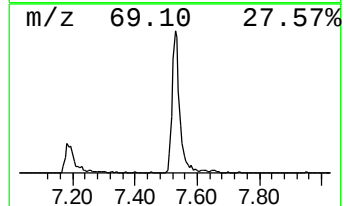
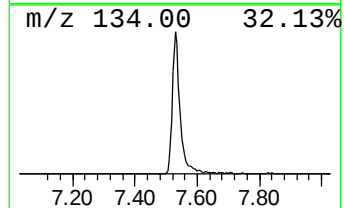
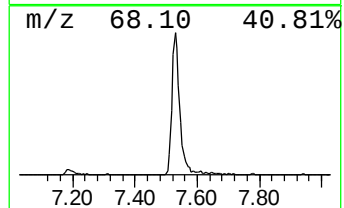
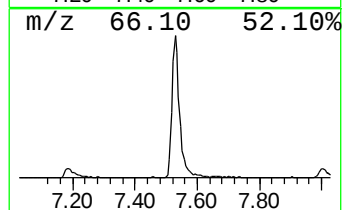
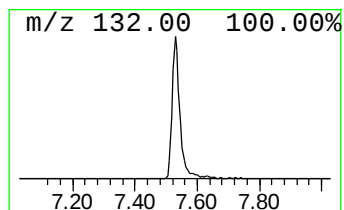
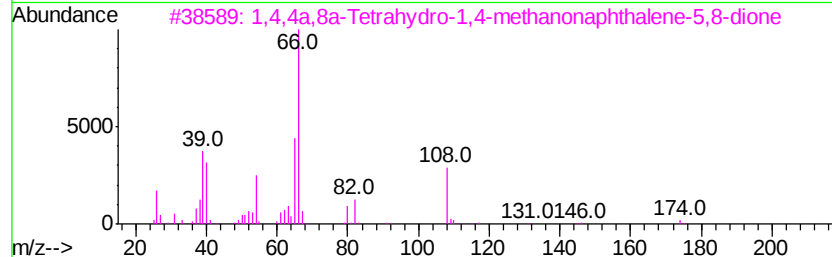
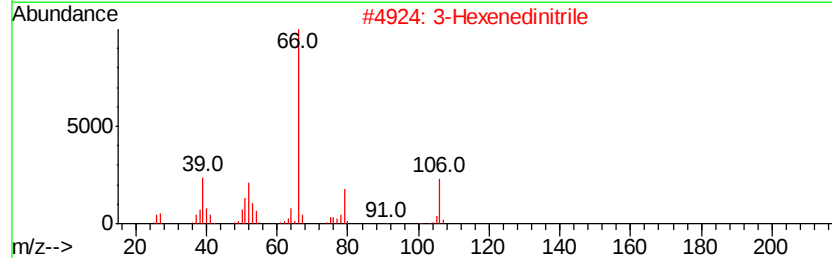
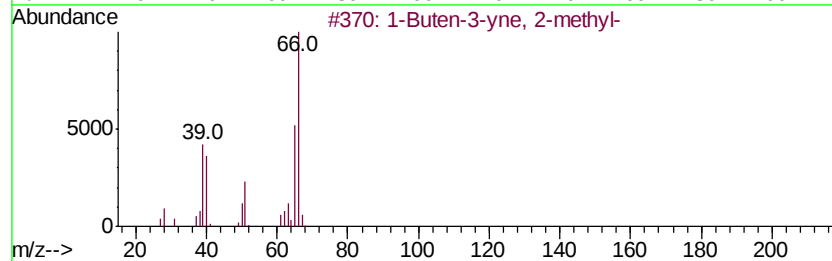
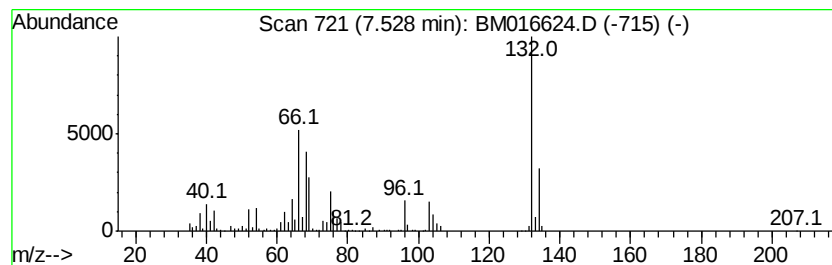
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.53 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.53 | 58.26 ng | 1735940 | 1,4-Dichlorobenzene-d4 | 8.00 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 1-Buten-3-yne, 2-methyl-            | 66  | C5H6     | 000078-80-8 | 16   |
| 2    |    | 3-Hexenedinitrile                   | 106 | C6H6N2   | 001119-85-3 | 16   |
| 3    |    | 1,4,4a,8a-Tetrahydro-1,4-methano... | 174 | C11H10O2 | 001200-89-1 | 16   |
| 4    |    | 1-Penten-3-yne                      | 66  | C5H6     | 000646-05-9 | 16   |
| 5    |    | 1H-Indene, 3a,4,7,7a-tetrahydro-    | 120 | C9H12    | 003048-65-5 | 16   |



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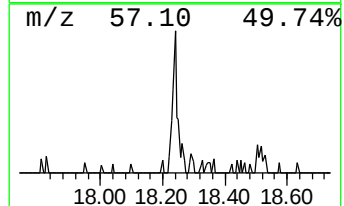
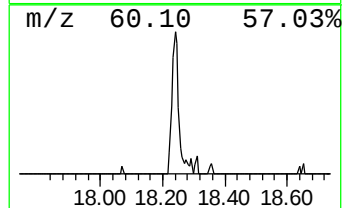
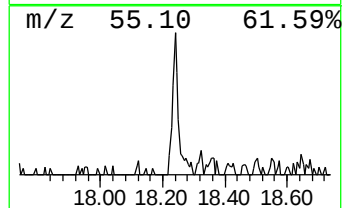
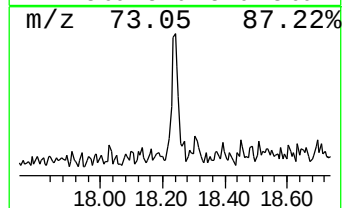
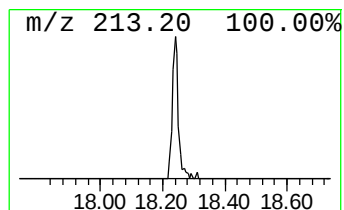
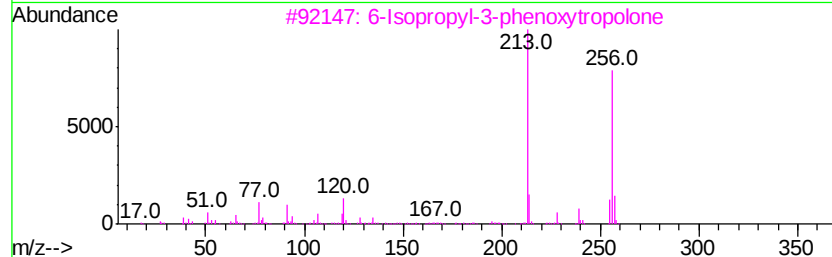
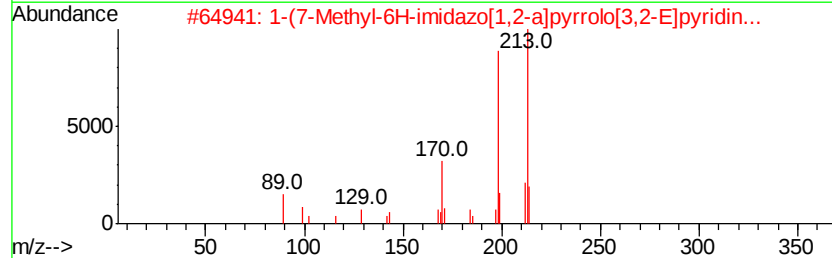
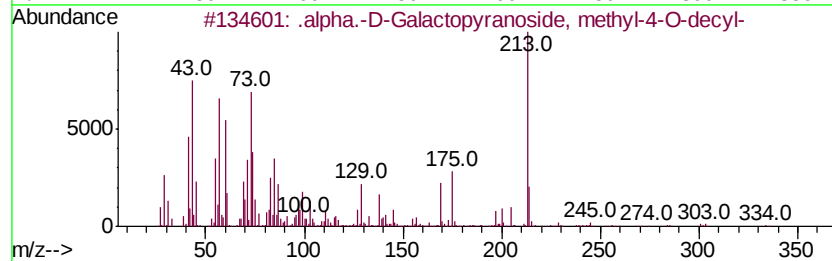
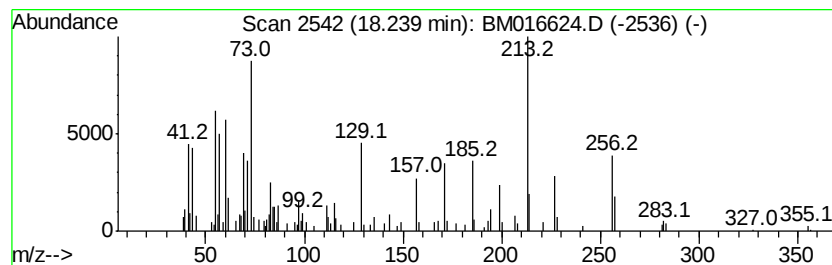
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown18.24 Concentration Rank 3

| R.T.      | EstConc                              | Area   | Relative to ISTD | R.T.         |      |
|-----------|--------------------------------------|--------|------------------|--------------|------|
| 18.24     | 2.65 ng                              | 203490 | Phenanthrene-d10 | 17.39        |      |
| Hit# of 5 | Tentative ID                         | MW     | MolForm          | CAS#         | Qual |
| 1         | .alpha.-D-Galactopvranoside, met...  | 334    | C17H34O6         | 1000157-55-9 | 38   |
| 2         | 1-(7-Methyl-6H-imidazo[1,2-alpyr...  | 213    | C12H11N3O        | 1000147-75-1 | 35   |
| 3         | 6-Isopropvl-3-phenoxytropolone       | 256    | C16H16O3         | 002904-79-2  | 27   |
| 4         | 2H,8H-Benzo[1,2-b:3,4-b']ldipvran... | 228    | C14H12O3         | 000523-59-1  | 27   |
| 5         | 5-n-Butyl-2,4-diamino-6-[p-tolyl...  | 256    | C15H20N4         | 274679-66-2  | 25   |



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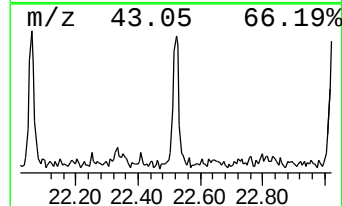
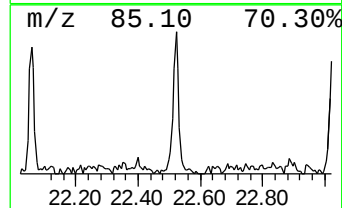
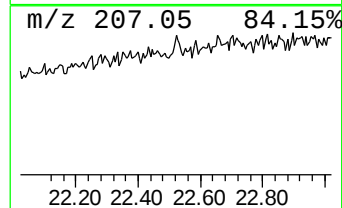
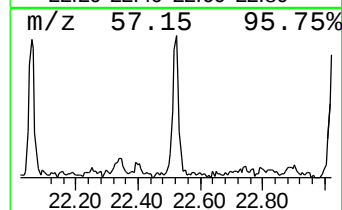
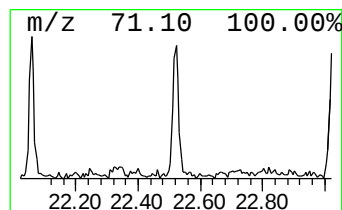
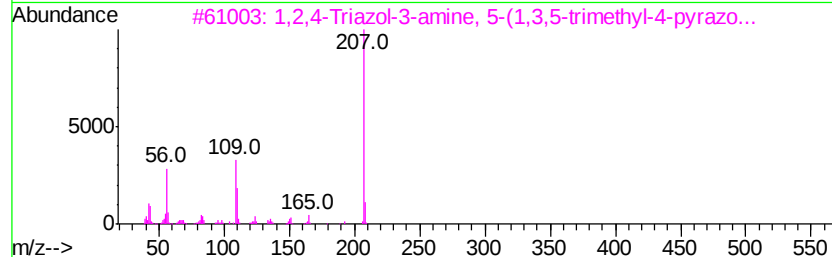
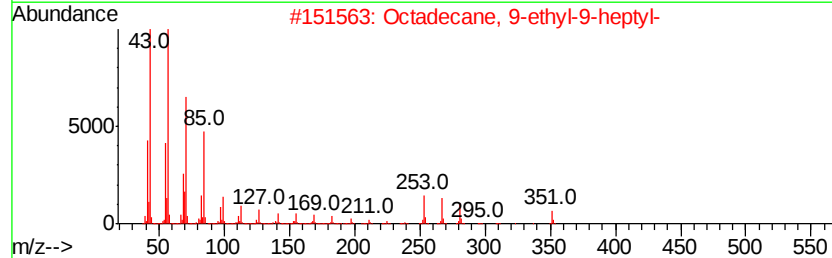
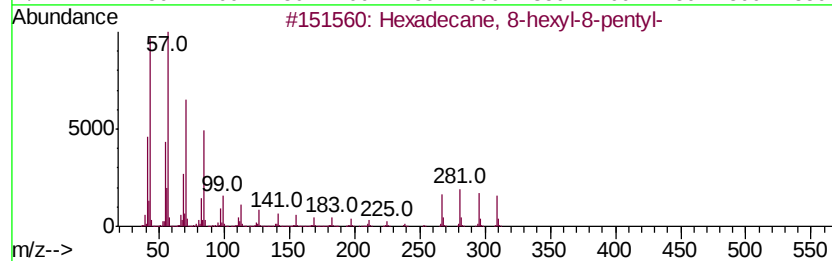
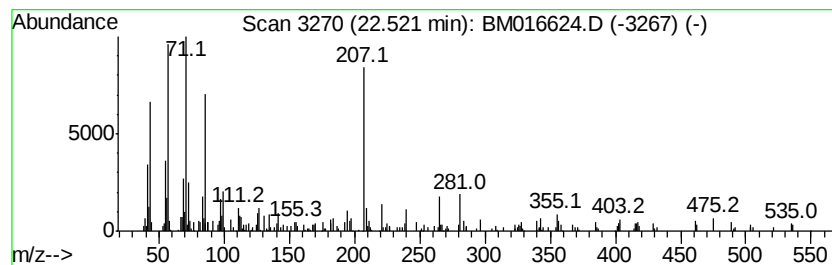
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown22.52 Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.52 | 2.13 ng | 278262 | Chrysene-d12     | 21.53 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Hexadecane, 8-hexyl-8-pentyl-       | 380 | C27H56   | 055282-29-6  | 38   |
| 2    |    | Octadecane, 9-ethyl-9-heptyl-       | 380 | C27H56   | 055282-27-4  | 32   |
| 3    |    | 1,2,4-Triazol-3-amine, 5-(1,3,5-... | 207 | C8H13N7  | 1000264-16-7 | 22   |
| 4    |    | 1H-2-Benzopyran-3-one, 7-ethoxy-... | 266 | C13H14O6 | 1000158-14-3 | 12   |
| 5    |    | Octadecane, 3-ethyl-5-(2-ethylbu... | 366 | C26H54   | 055282-12-7  | 12   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown7.53      | 7.53  | 58.3    | ng    | 1735940  | 1                     | 8.00  | 595961  | 20.0 |
| unknown18.24     | 18.24 | 2.6     | ng    | 203490   | 4                     | 17.39 | 1533850 | 20.0 |
| unknown22.52     | 22.52 | 2.1     | ng    | 278262   | 5                     | 21.53 | 2610200 | 20.0 |