

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\  
 Data File : BG036194.D  
 Acq On : 8 Aug 2018 12:40  
 Operator : JU/SJ  
 Sample : J4350-02  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 080218-DBRI-E-D-S

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-BG071218.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         | 5.598       | 386           | 393         | 409          | rVB      | 131900         | 257819        | 9.18%           | 2.653%        |
| 2         | 7.178       | 656           | 662         | 676          | rBV      | 82252          | 178786        | 6.37%           | 1.839%        |
| 3         | 7.543       | 717           | 724         | 737          | rBV      | 270874         | 493004        | 17.56%          | 5.072%        |
| 4         | 8.007       | 796           | 803         | 813          | rBV      | 91327          | 161855        | 5.77%           | 1.665%        |
| 5         | 8.330       | 851           | 858         | 872          | rBV      | 379994         | 684761        | 24.39%          | 7.045%        |
| 6         | 9.170       | 993           | 1001        | 1017         | rBV      | 285869         | 591619        | 21.07%          | 6.087%        |
| 7         | 10.815      | 1273          | 1281        | 1292         | rBV2     | 88099          | 193536        | 6.89%           | 1.991%        |
| 8         | 13.253      | 1689          | 1696        | 1710         | rBV      | 860923         | 1412059       | 50.30%          | 14.528%       |
| 9         | 14.093      | 1834          | 1839        | 1852         | rBV      | 40404          | 88622         | 3.16%           | 0.912%        |
| 10        | 14.633      | 1925          | 1931        | 1942         | rBV2     | 180451         | 314471        | 11.20%          | 3.235%        |
| 11        | 15.925      | 2145          | 2151        | 2159         | rBV      | 29803          | 43442         | 1.55%           | 0.447%        |
| 12        | 16.119      | 2178          | 2184        | 2195         | rBV      | 487448         | 854973        | 30.45%          | 8.796%        |
| 13        | 17.376      | 2392          | 2398        | 2409         | rBV2     | 270644         | 457609        | 16.30%          | 4.708%        |
| 14        | 19.985      | 2836          | 2842        | 2852         | rBV      | 2204421        | 2807350       | 100.00%         | 28.883%       |
| 15        | 21.635      | 3117          | 3123        | 3136         | rBV      | 305774         | 577702        | 20.58%          | 5.944%        |
| 16        | 23.286      | 3397          | 3404        | 3413         | rVB3     | 30945          | 65600         | 2.34%           | 0.675%        |
| 17        | 24.825      | 3656          | 3666        | 3684         | rBV2     | 164169         | 536471        | 19.11%          | 5.519%        |

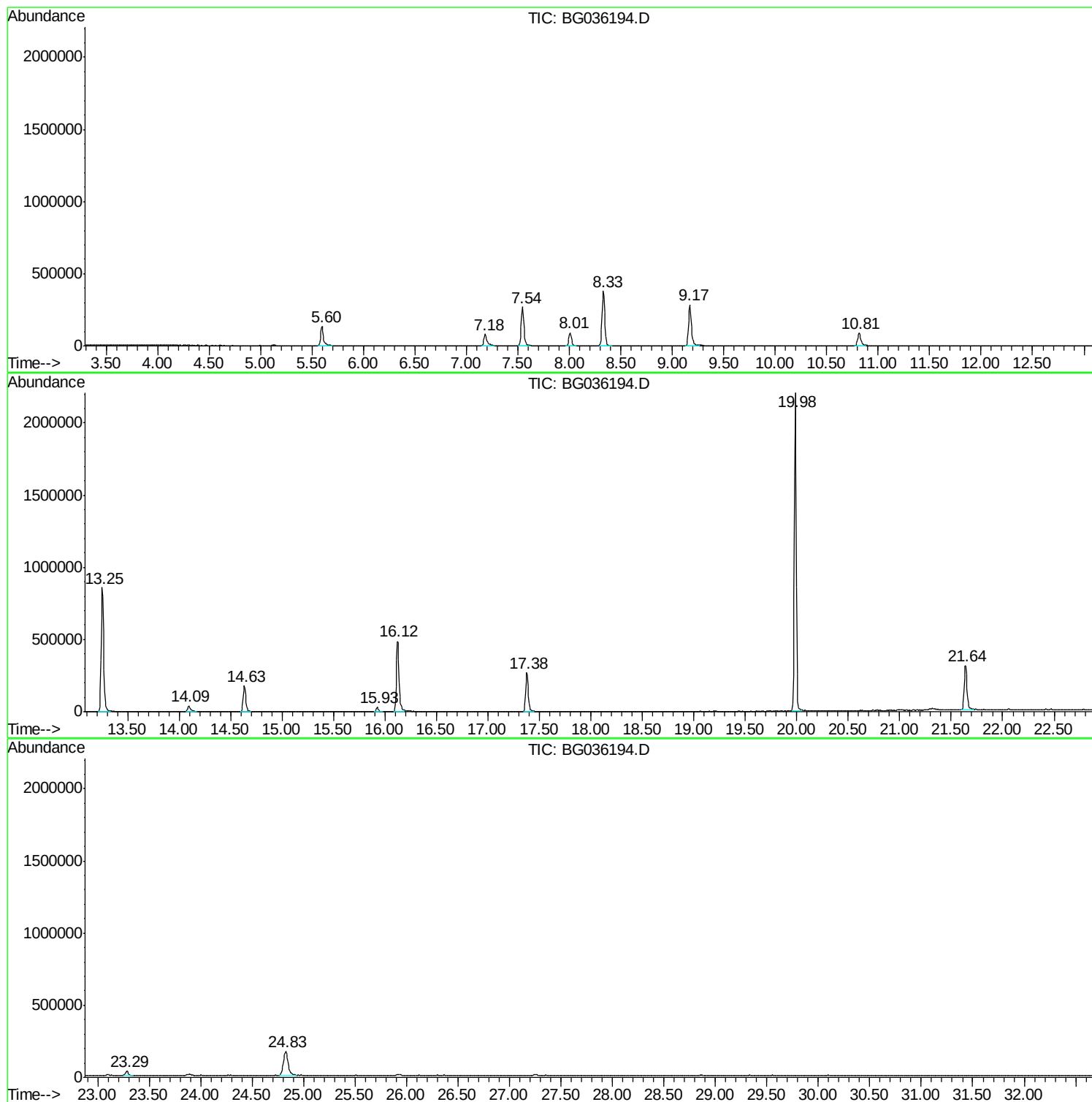
Sum of corrected areas: 9719679

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.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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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

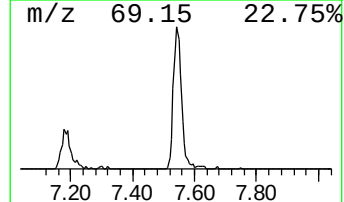
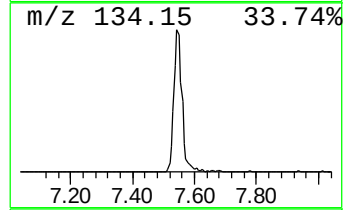
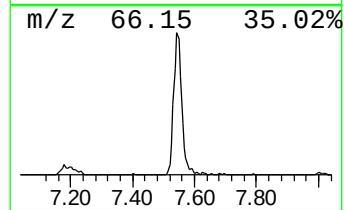
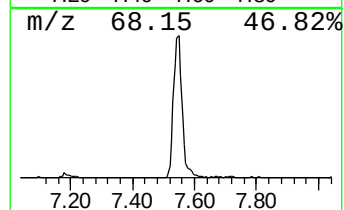
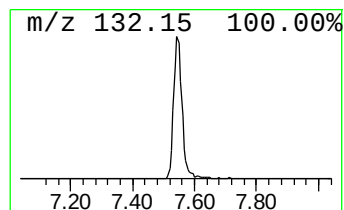
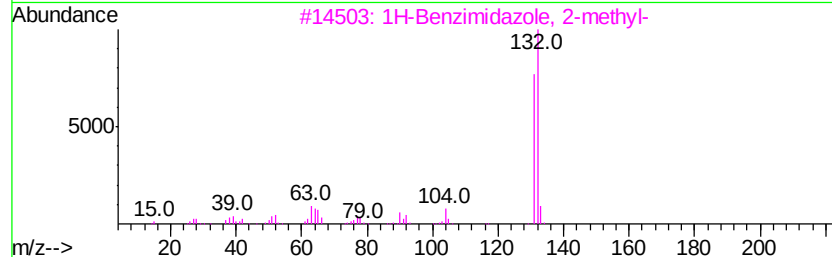
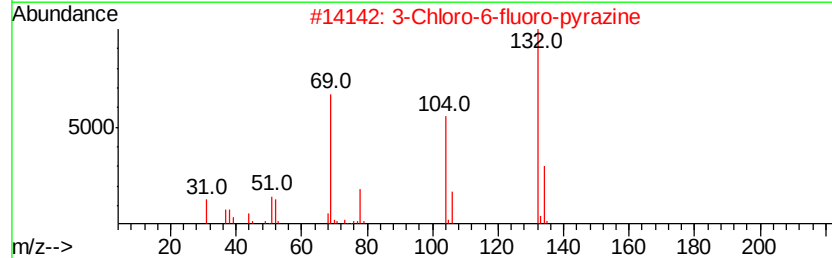
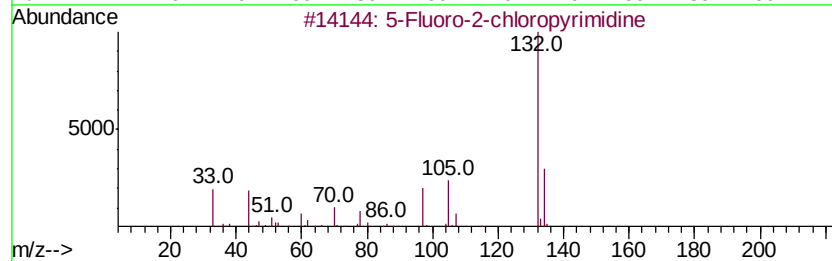
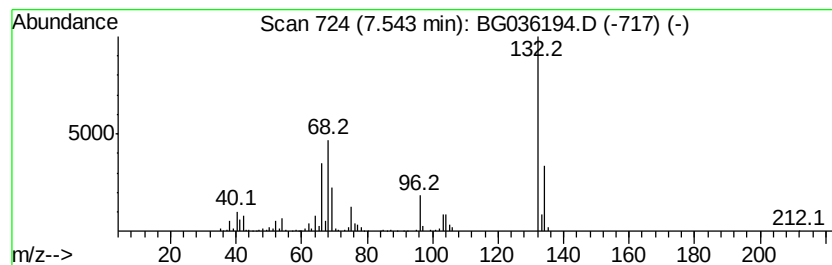
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.54 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.54 | 60.92 ng | 493004 | 1,4-Dichlorobenzene-d4 | 8.01 |

| Hit# | of | Tentative ID                | MW  | MolForm   | CAS#         | Qual |
|------|----|-----------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine  | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl- | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 5-Aminoindole               | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | Tranlycypromine-propionyl   | 189 | C12H15NO  | 1000123-86-3 | 12   |



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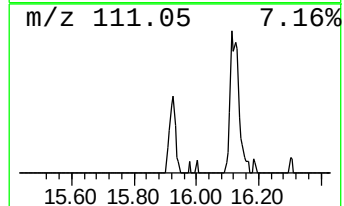
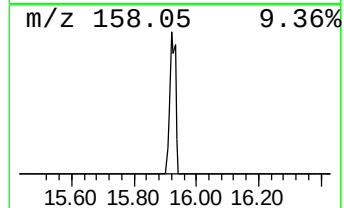
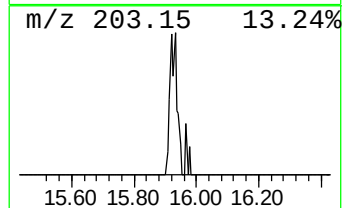
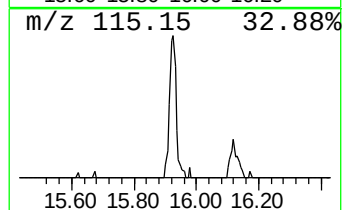
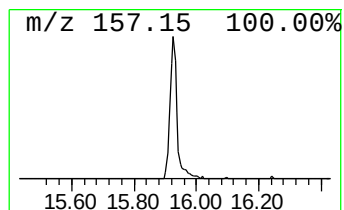
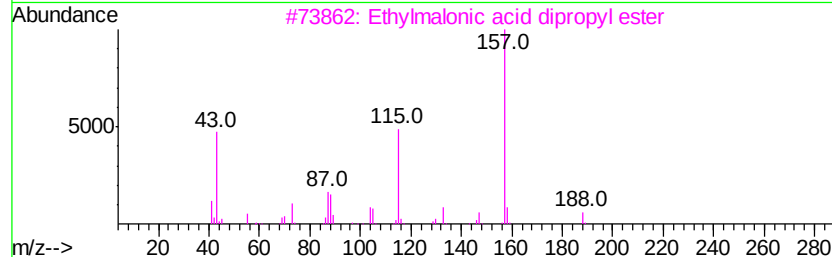
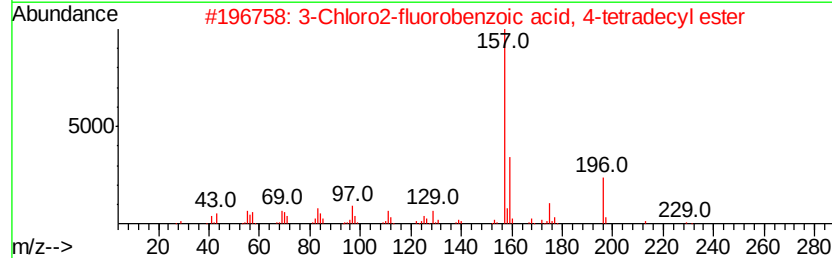
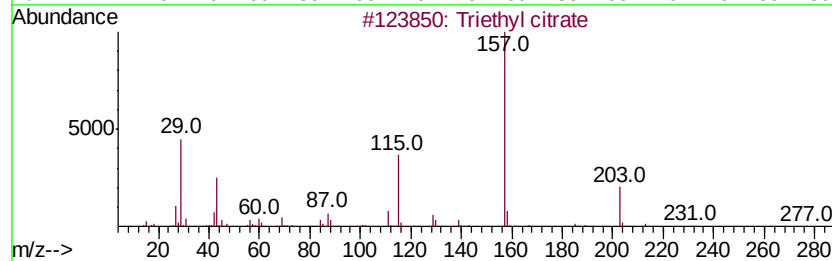
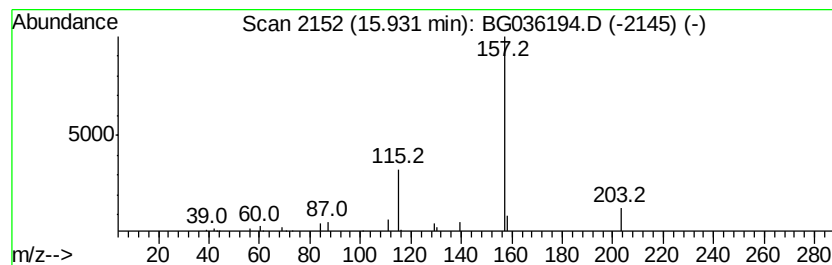
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Peak Number 3 Triethyl citrate Concentration Rank 3

| R.T.    | EstConc | Area                                | Relative to ISTD   | R.T.            |
|---------|---------|-------------------------------------|--------------------|-----------------|
| 15.93   | 2.76 ng | 43442                               | Acenaphthene-d10   | 14.63           |
| Hit# of | 5       | Tentative ID                        | MW MolForm         | CAS# Qual       |
| 1       |         | Triethyl citrate                    | 276 C12H20O7       | 000077-93-0 90  |
| 2       |         | 3-Chloro2-fluorobenzoic acid, 4-... | 370 C21H32ClFO2    | 1000338-64-7 42 |
| 3       |         | Ethylmalonic acid dipropyl ester    | 216 C11H20O4       | 001113-91-3 40  |
| 4       |         | 3-Chloro2-fluorobenzoic acid, 5-... | 384 C22H34ClFO2    | 1000338-65-2 36 |
| 5       |         | Piperazine-1-carboxylic acid, 4-... | 396 C14H18Cl2N2O5S | 1000303-80-3 36 |



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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
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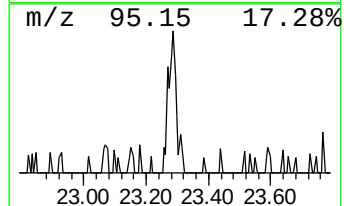
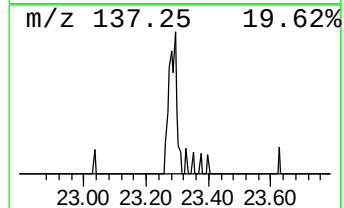
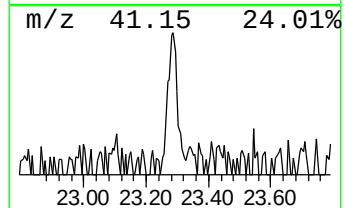
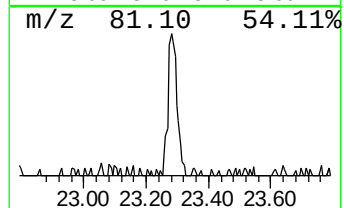
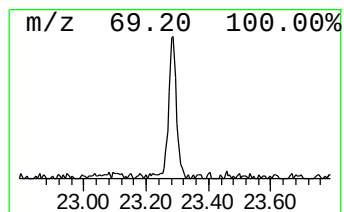
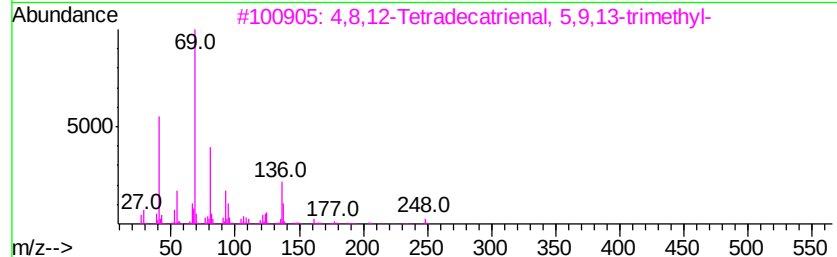
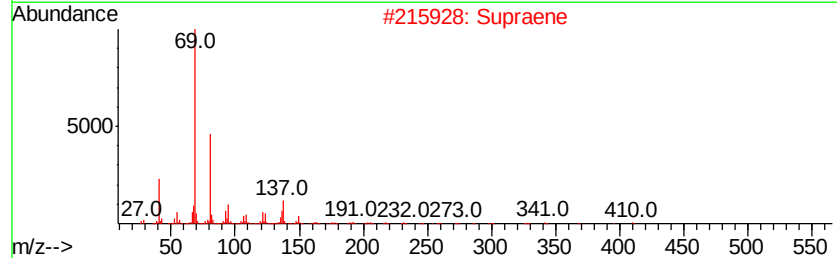
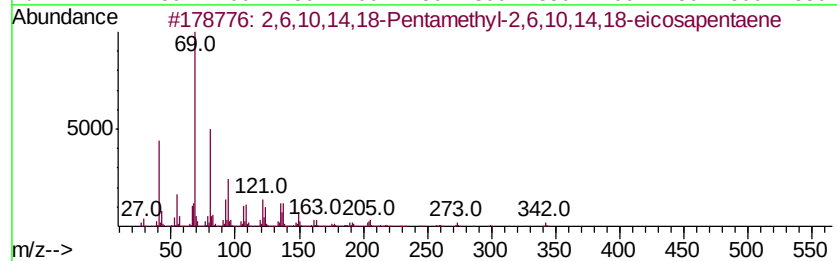
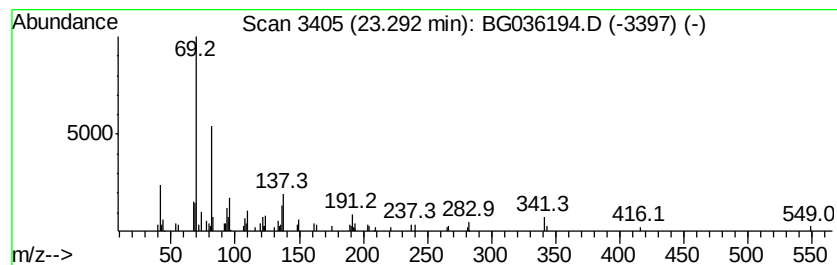
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Peak Number 4 2,6,10,14,18-Pentamethyl-2,... Concentration Rank 4

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 23.29 | 2.45 ng | 65600 | Perylene-d12     | 24.83 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,6,10,14,18-Pentamethyl-2,6,10,... | 342 | C25H42       | 075581-03-2 | 90      |      |      |
| 2    | Supraene                            | 410 | C30H50       | 007683-64-9 | 80      |      |      |
| 3    | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O      | 066408-55-7 | 72      |      |      |
| 4    | Squalene                            | 410 | C30H50       | 000111-02-4 | 64      |      |      |
| 5    | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24       | 062951-96-6 | 64      |      |      |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown7.54          | 7.54  | 60.9    | ng    | 493004   | 1                     | 8.01  | 161855 | 20.0 |
| Triethyl citrate     | 15.93 | 2.8     | ng    | 43442    | 3                     | 14.63 | 314471 | 20.0 |
| 2,6,10,14,18-Pent... | 23.29 | 2.5     | ng    | 65600    | 6                     | 24.83 | 536471 | 20.0 |