

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040521\  
 Data File : BG048591.D  
 Acq On : 5 Apr 2021 20:00  
 Operator : CG/JU  
 Sample : M1908-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-2(2-2.5)

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\_G\METHODS\8270-BG033021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048591.D\data.ms

| 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         | 5.641       | 381           | 392         | 402          | rBV      | 530546         | 851204        | 39.46%          | 8.601%        |
| 2         | 7.245       | 657           | 665         | 674          | rBV      | 562878         | 935392        | 43.36%          | 9.452%        |
| 3         | 8.091       | 802           | 809         | 816          | rVB      | 107703         | 177567        | 8.23%           | 1.794%        |
| 4         | 9.260       | 997           | 1008        | 1019         | rBV      | 351599         | 621870        | 28.83%          | 6.284%        |
| 5         | 10.917      | 1283          | 1290        | 1298         | rBV      | 138709         | 248228        | 11.51%          | 2.508%        |
| 6         | 13.367      | 1699          | 1707        | 1714         | rBV      | 899882         | 1385157       | 64.21%          | 13.997%       |
| 7         | 14.184      | 1841          | 1846        | 1854         | rBV2     | 24862          | 33943         | 1.57%           | 0.343%        |
| 8         | 14.742      | 1935          | 1941        | 1948         | rVB      | 225650         | 347332        | 16.10%          | 3.510%        |
| 9         | 16.234      | 2188          | 2195        | 2202         | rBV      | 839471         | 1234362       | 57.22%          | 12.473%       |
| 10        | 17.497      | 2404          | 2410        | 2416         | rBV      | 299433         | 447729        | 20.76%          | 4.524%        |
| 11        | 18.379      | 2554          | 2560        | 2568         | rBV2     | 100234         | 143580        | 6.66%           | 1.451%        |
| 12        | 19.648      | 2770          | 2776        | 2782         | rBV2     | 24714          | 36519         | 1.69%           | 0.369%        |
| 13        | 20.112      | 2848          | 2855        | 2863         | rVB      | 1645002        | 2157184       | 100.00%         | 21.798%       |
| 14        | 21.416      | 3072          | 3077        | 3085         | rBV2     | 107904         | 186892        | 8.66%           | 1.889%        |
| 15        | 21.792      | 3133          | 3141        | 3147         | rBV      | 292767         | 486157        | 22.54%          | 4.913%        |
| 16        | 23.285      | 3388          | 3395        | 3396         | rBV6     | 15765          | 26305         | 1.22%           | 0.266%        |
| 17        | 23.537      | 3431          | 3438        | 3446         | rVB2     | 51237          | 105245        | 4.88%           | 1.063%        |
| 18        | 25.135      | 3699          | 3710        | 3722         | rVB2     | 165691         | 471529        | 21.86%          | 4.765%        |

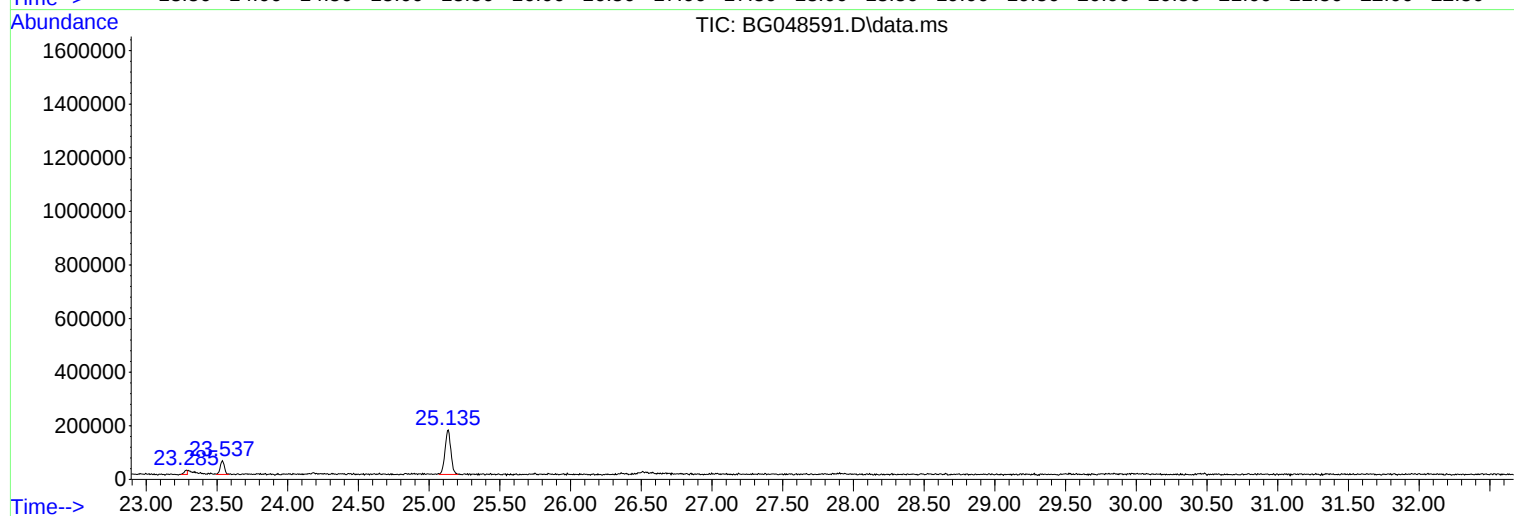
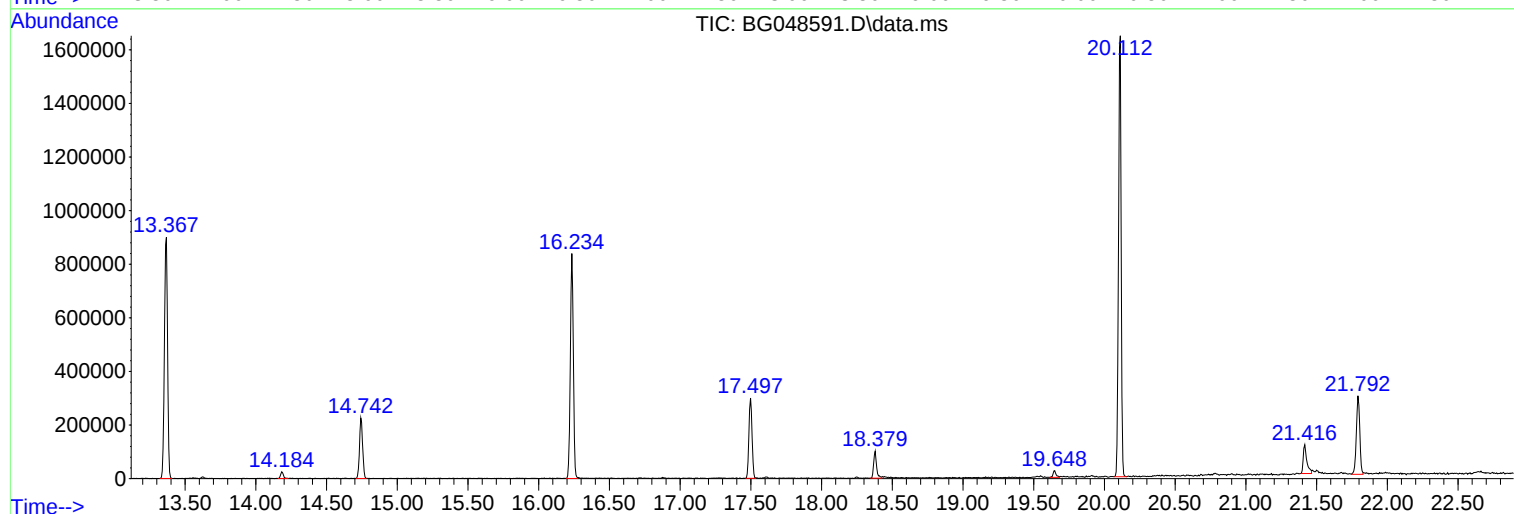
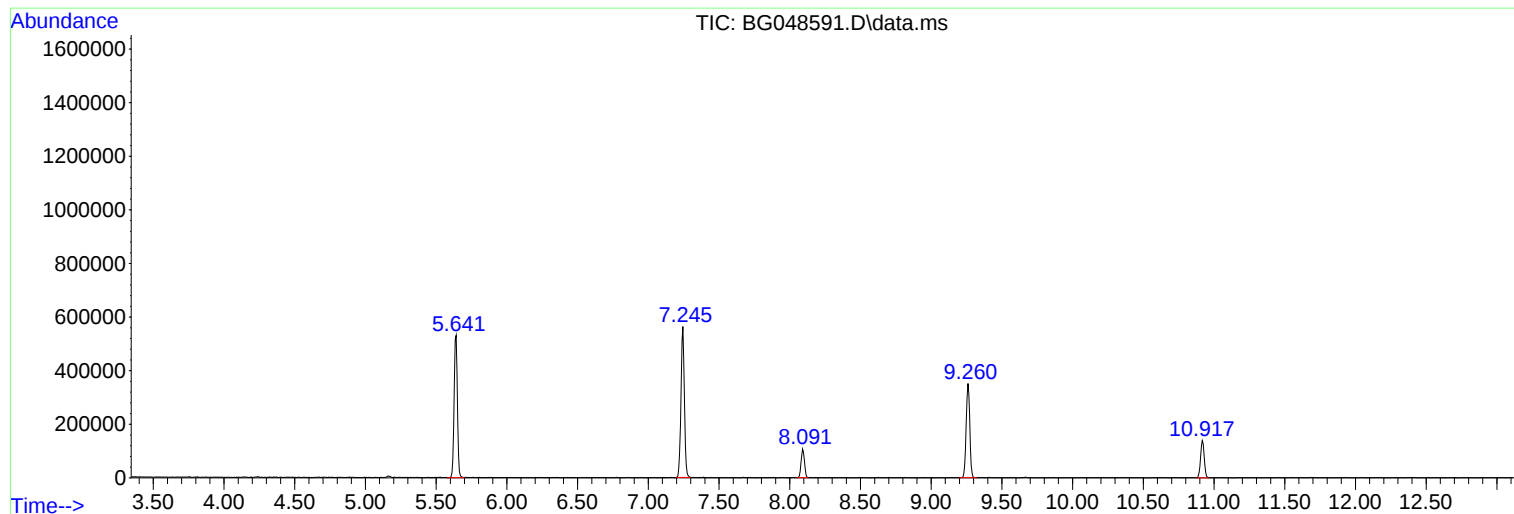
Sum of corrected areas: 9896195

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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-2(2-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040521\  
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SB-2(2-2.5)

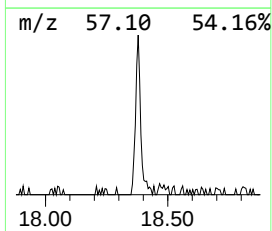
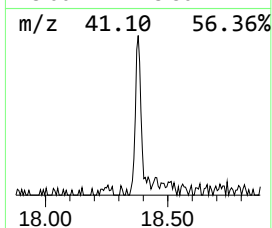
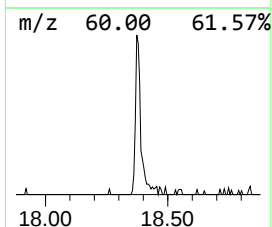
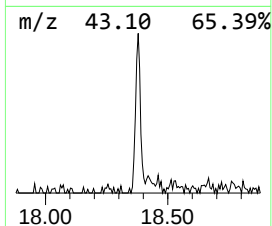
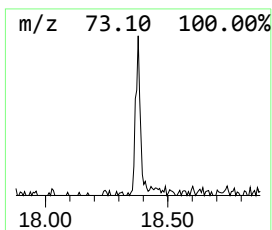
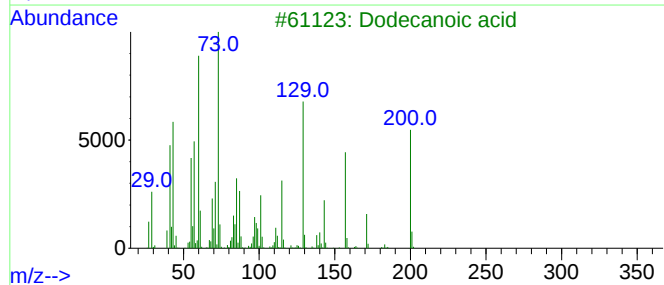
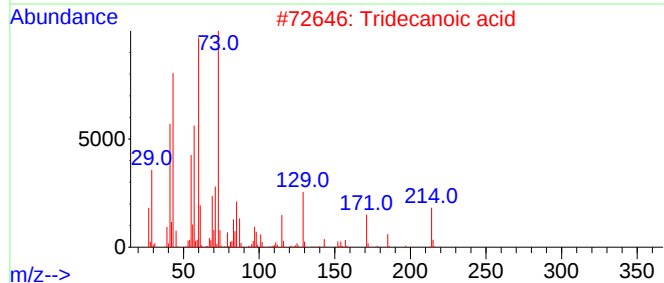
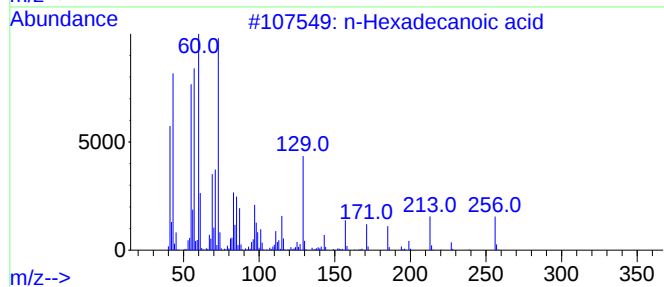
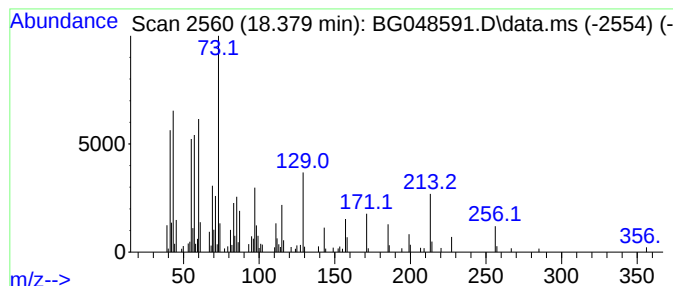
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.379 | 6.41 ng | 143580 | Phenanthrene-d10 | 17.497 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 89   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 89   |
| 3    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 78   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 62   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 58   |



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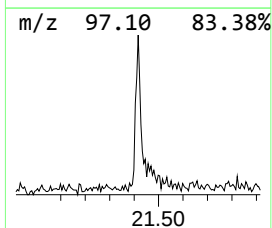
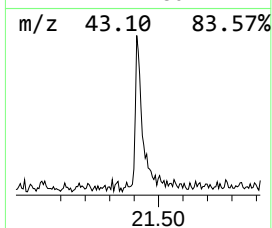
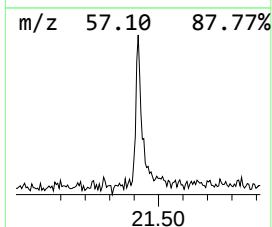
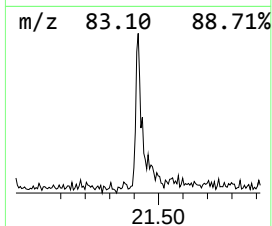
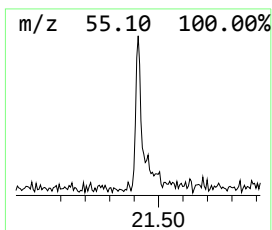
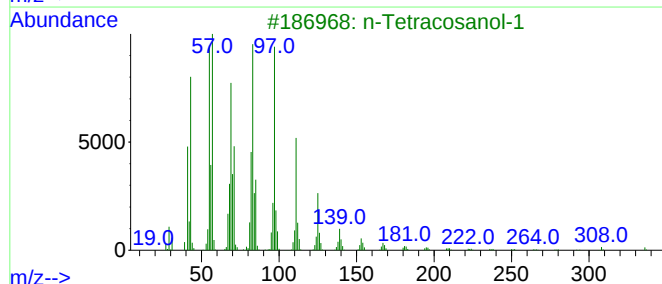
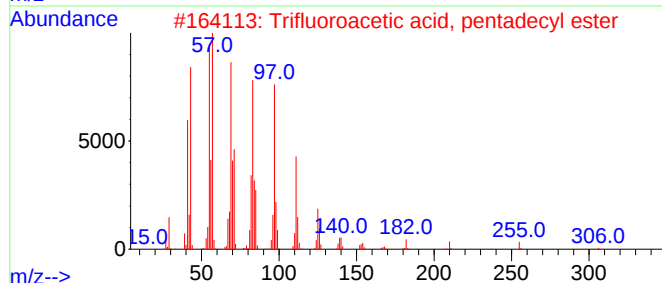
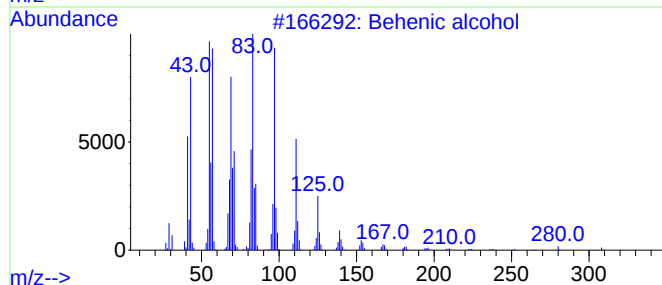
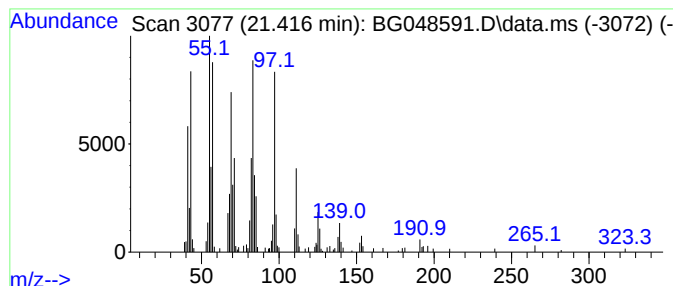
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Peak Number 2 Behenic alcohol Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.416 | 7.69 ng | 186892 | Chrysene-d12     | 21.792 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 91   |
| 2    |    |   | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 91   |
| 3    |    |   | n-Tetracosanol-1                    | 354 | C24H50O    | 000506-51-4 | 91   |
| 4    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 87   |
| 5    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 87   |



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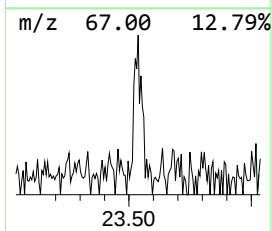
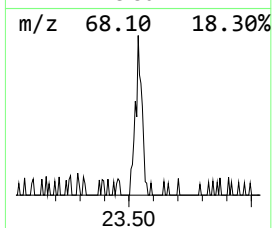
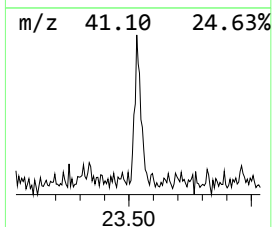
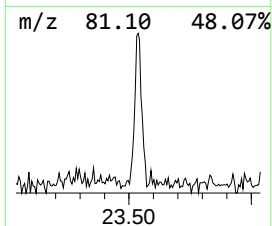
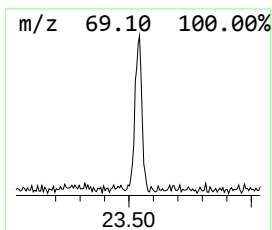
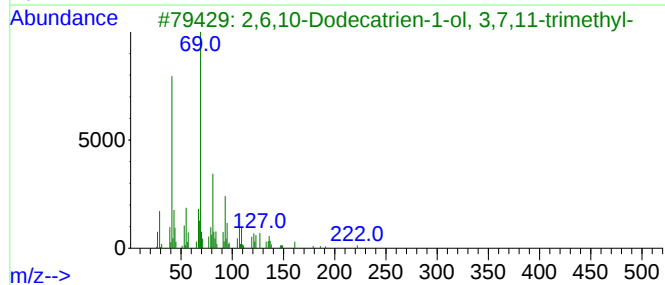
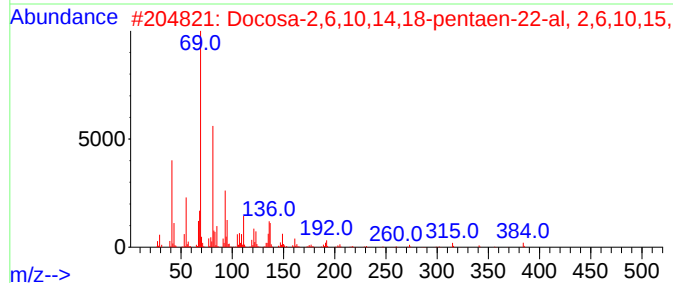
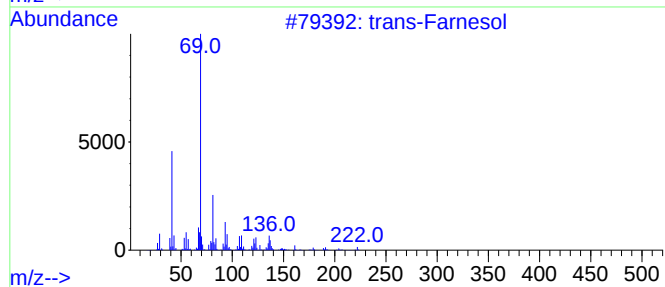
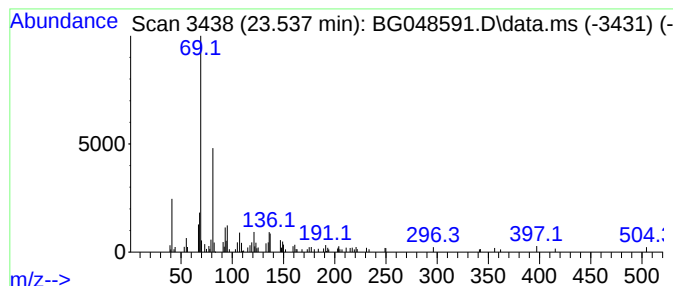
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Peak Number 3 trans-Farnesol Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 23.537 | 4.46 ng | 105245 | Perylene-d12     | 25.136 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | trans-Farnesol                      | 222 | C15H26O  | 000106-28-5  | 86   |
| 2    |    |   | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O  | 1000163-04-7 | 86   |
| 3    |    |   | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222 | C15H26O  | 004602-84-0  | 80   |
| 4    |    |   | Supraene                            | 410 | C30H50   | 007683-64-9  | 80   |
| 5    |    |   | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 264 | C17H28O2 | 004128-17-0  | 72   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexadecanoic ... | 18.379 | 6.4     | ng    | 143580   | 4                     | 17.497 | 447729 | 20.0 |
| Behenic alcohol    | 21.416 | 7.7     | ng    | 186892   | 5                     | 21.792 | 486157 | 20.0 |
| trans-Farnesol     | 23.537 | 4.5     | ng    | 105245   | 6                     | 25.136 | 471529 | 20.0 |