

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG080420\  
 Data File : BG046166.D  
 Acq On : 4 Aug 2020 11:20  
 Operator : CG/JU  
 Sample : L3521-07  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-CD

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-BG073020.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         | 3.160       | 7             | 12          | 28           | rVB      | 471743         | 736112        | 12.57%          | 2.568%        |
| 2         | 5.534       | 409           | 416         | 425          | rBV      | 1310866        | 2138548       | 36.50%          | 7.461%        |
| 3         | 7.120       | 678           | 686         | 697          | rBV      | 1341053        | 2306837       | 39.38%          | 8.048%        |
| 4         | 7.955       | 819           | 828         | 837          | rBV      | 359320         | 610273        | 10.42%          | 2.129%        |
| 5         | 9.106       | 1015          | 1024        | 1038         | rBV      | 855683         | 1565355       | 26.72%          | 5.461%        |
| 6         | 10.745      | 1296          | 1303        | 1312         | rBV      | 486821         | 889254        | 15.18%          | 3.102%        |
| 7         | 13.201      | 1714          | 1721        | 1729         | rBV      | 2344038        | 3613131       | 61.67%          | 12.605%       |
| 8         | 14.030      | 1855          | 1862        | 1874         | rVB      | 312711         | 444956        | 7.60%           | 1.552%        |
| 9         | 14.576      | 1948          | 1955        | 1966         | rBV      | 815946         | 1267983       | 21.64%          | 4.424%        |
| 10        | 16.063      | 2201          | 2208        | 2222         | rBV      | 2001564        | 2891033       | 49.35%          | 10.086%       |
| 11        | 17.320      | 2415          | 2422        | 2434         | rBV      | 1031769        | 1549060       | 26.44%          | 5.404%        |
| 12        | 18.219      | 2571          | 2575        | 2585         | rBV2     | 72692          | 118083        | 2.02%           | 0.412%        |
| 13        | 19.935      | 2861          | 2867        | 2877         | rBV      | 4439004        | 5858348       | 100.00%         | 20.438%       |
| 14        | 21.233      | 3083          | 3088        | 3105         | rBV      | 524138         | 760884        | 12.99%          | 2.654%        |
| 15        | 21.568      | 3138          | 3145        | 3158         | rBV      | 1053185        | 1787275       | 30.51%          | 6.235%        |
| 16        | 22.391      | 3280          | 3285        | 3293         | rVB6     | 43769          | 87197         | 1.49%           | 0.304%        |
| 17        | 24.670      | 3663          | 3673        | 3684         | rBV2     | 659524         | 1828695       | 31.22%          | 6.380%        |
| 18        | 25.945      | 3884          | 3890        | 3903         | rVB6     | 65261          | 211623        | 3.61%           | 0.738%        |

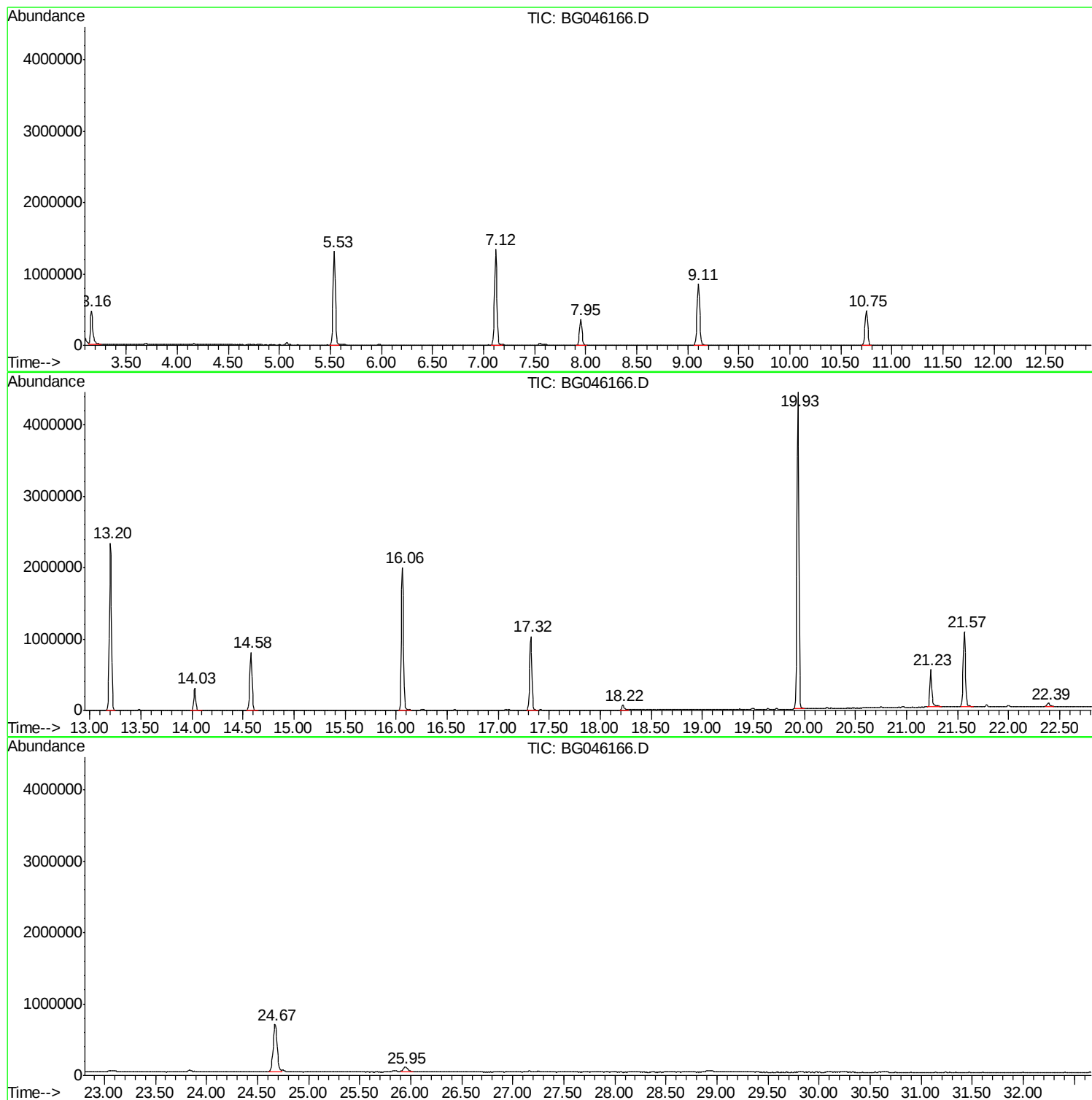
Sum of corrected areas: 28664647

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG073020.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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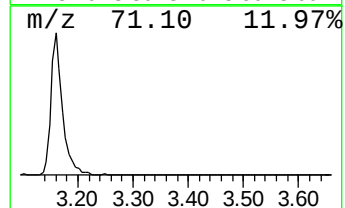
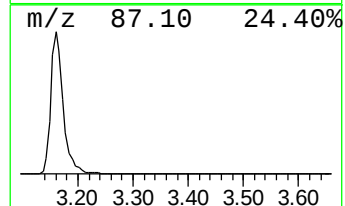
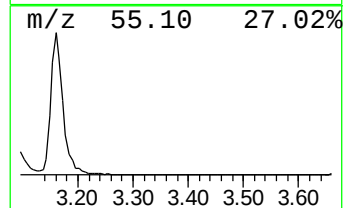
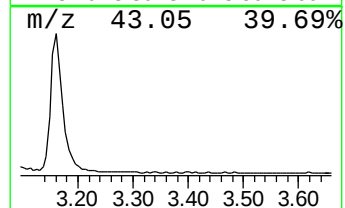
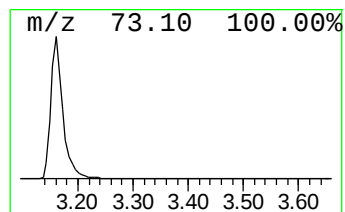
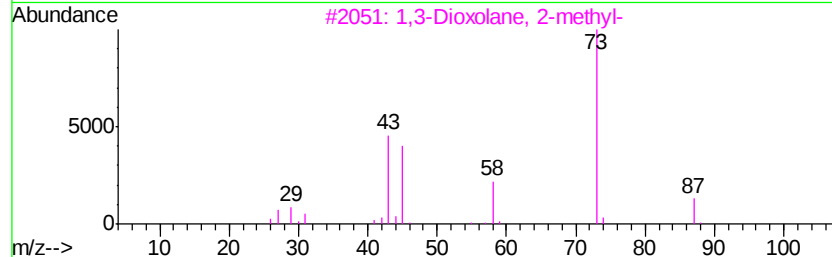
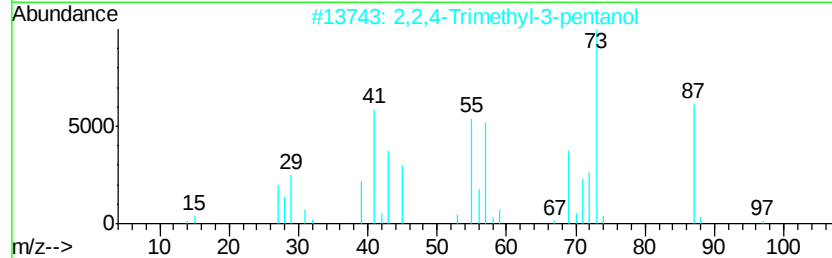
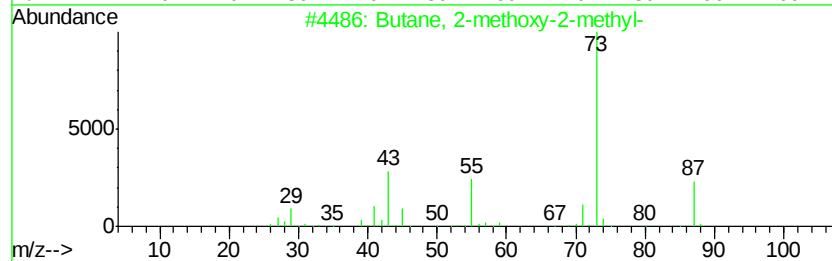
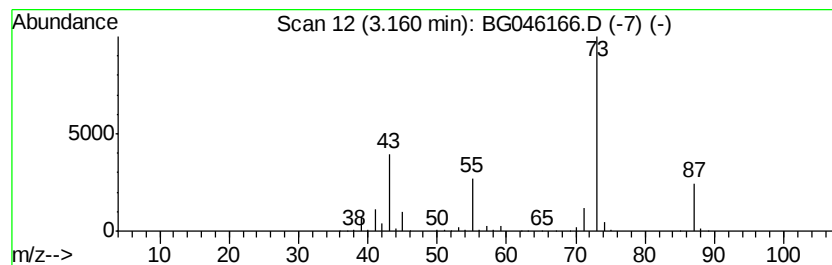
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG073020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.16 | 24.12 ng | 736112 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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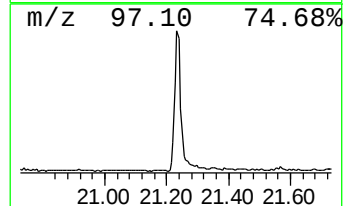
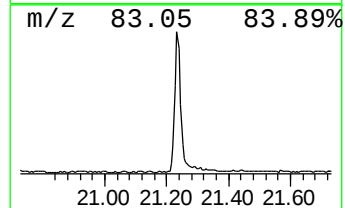
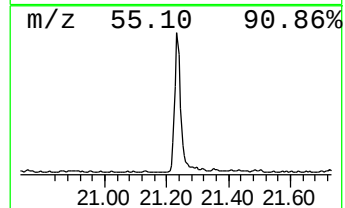
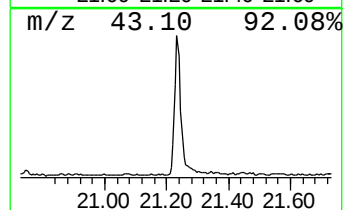
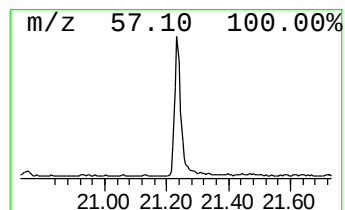
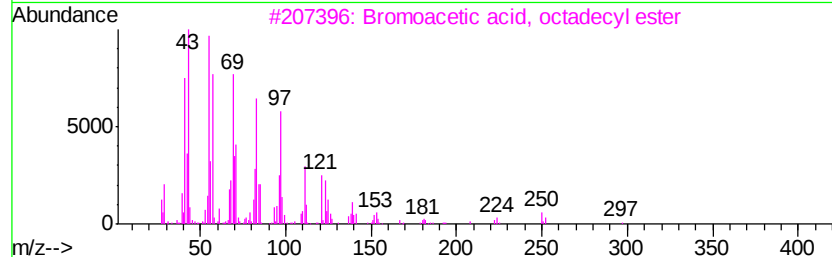
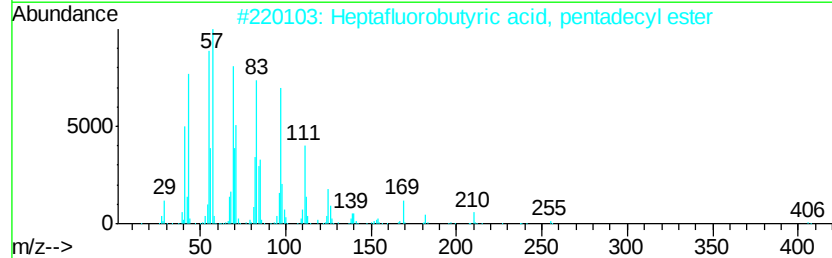
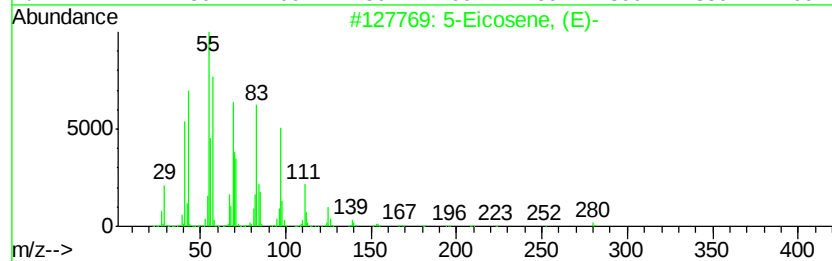
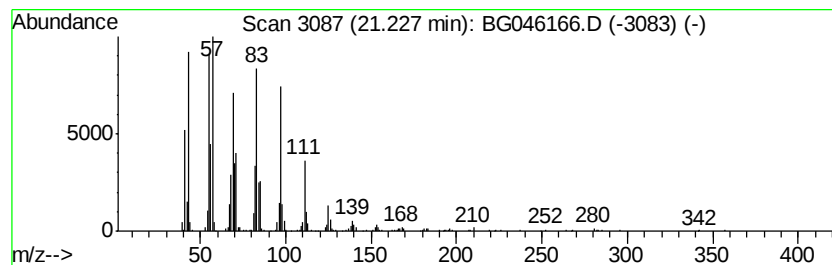
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Peak Number 2 5-Eicosene, (E)- Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.23 | 8.51 ng | 760884 | Chrysene-d12     | 21.57 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 5-Eicosene, (E)-                    | 280 | C20H40     | 074685-30-6 | 99   |
| 2    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94   |
| 3    |    |   | Bromoacetic acid, octadecyl ester   | 390 | C20H39BrO2 | 018992-03-5 | 94   |
| 4    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94   |
| 5    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 93   |



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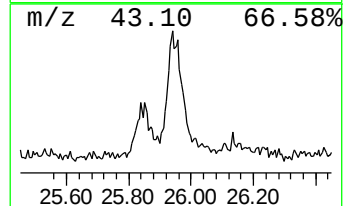
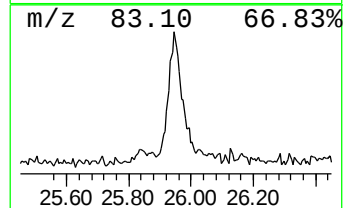
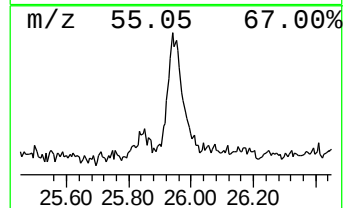
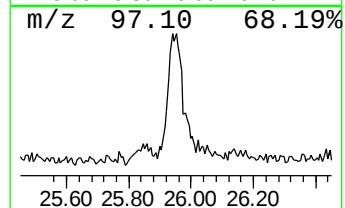
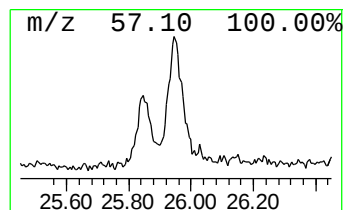
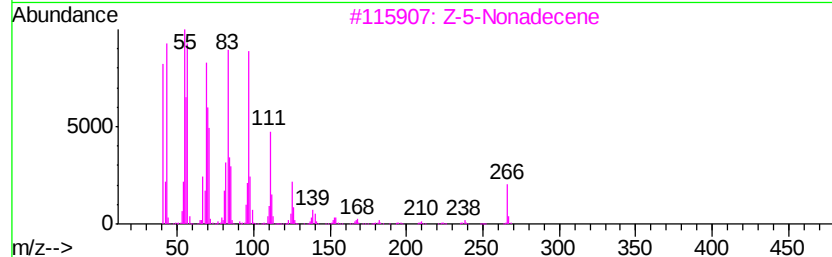
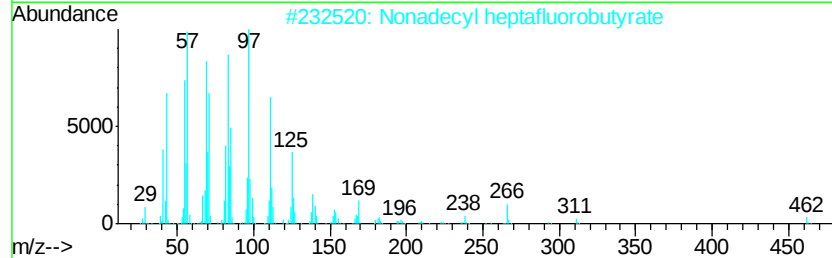
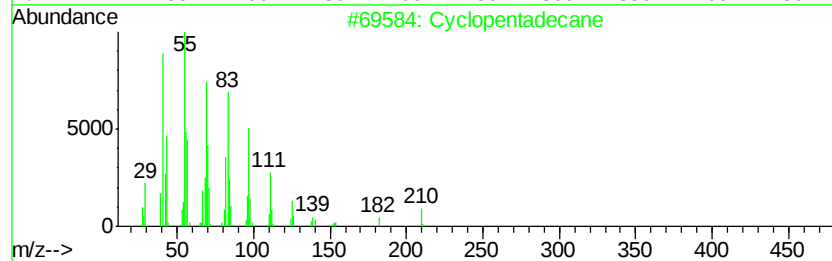
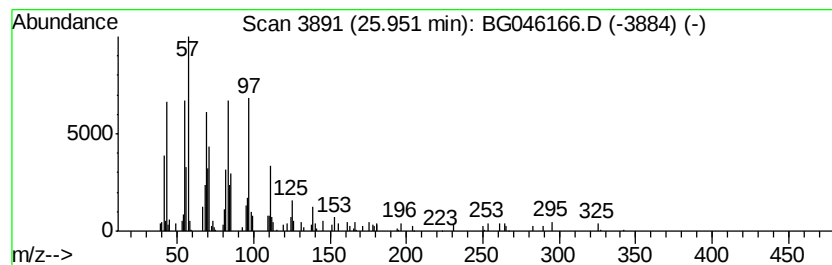
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Peak Number 3 Cyclopentadecane Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD              |     | R.T.        |              |      |
|-------|---------|--------|-------------------------------|-----|-------------|--------------|------|
| 25.95 | 2.31 ng | 211623 | Perylene-d12                  |     | 24.68       |              |      |
| Hit#  | of      | 5      | Tentative ID                  | MW  | MolForm     | CAS#         | Qual |
| 1     |         |        | Cyclopentadecane              | 210 | C15H30      | 000295-48-7  | 94   |
| 2     |         |        | Nonadecyl heptafluorobutyrate | 480 | C23H39F7O2  | 1000351-83-9 | 91   |
| 3     |         |        | Z-5-Nonadecene                | 266 | C19H38      | 1000131-11-8 | 91   |
| 4     |         |        | Nonadecyl trifluoroacetate    | 380 | C21H39F3O2  | 1000351-76-3 | 90   |
| 5     |         |        | 1-Hexadecanesulfonyl chloride | 324 | C16H33ClO2S | 038775-38-1  | 90   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 3.16  | 24.1    | ng    | 736112   | 1                     | 7.95  | 610273  | 20.0 |
| 5-Eicosene, (E)-     | 21.23 | 8.5     | ng    | 760884   | 5                     | 21.57 | 1787280 | 20.0 |
| Cyclopentadecane     | 25.95 | 2.3     | ng    | 211623   | 6                     | 24.68 | 1828700 | 20.0 |