

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG032919\  
 Data File : BG040248.D  
 Acq On : 30 Mar 2019 5:56  
 Operator : JU/SJ  
 Sample : PB118419BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118419BL

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-BG032719.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         | 5.609       | 422           | 429         | 442          | rBV      | 924962         | 1448503       | 36.13%          | 7.189%        |
| 2         | 7.207       | 694           | 701         | 715          | rBV      | 937284         | 1579194       | 39.39%          | 7.838%        |
| 3         | 7.583       | 758           | 765         | 775          | rBV      | 891569         | 1515350       | 37.79%          | 7.521%        |
| 4         | 8.053       | 839           | 845         | 853          | rBV      | 182220         | 319806        | 7.98%           | 1.587%        |
| 5         | 8.376       | 892           | 900         | 908          | rBV      | 638581         | 1087857       | 27.13%          | 5.399%        |
| 6         | 9.228       | 1038          | 1045        | 1054         | rBV      | 516104         | 915070        | 22.82%          | 4.542%        |
| 7         | 10.873      | 1316          | 1325        | 1336         | rBV      | 253669         | 467113        | 11.65%          | 2.318%        |
| 8         | 13.306      | 1732          | 1739        | 1747         | rBV      | 1468808        | 2252846       | 56.19%          | 11.182%       |
| 9         | 14.686      | 1967          | 1974        | 1983         | rBV2     | 448402         | 711911        | 17.76%          | 3.533%        |
| 10        | 16.173      | 2220          | 2227        | 2245         | rBV      | 1151769        | 1850250       | 46.15%          | 9.183%        |
| 11        | 17.430      | 2434          | 2441        | 2454         | rVB      | 682358         | 1024560       | 25.55%          | 5.085%        |
| 12        | 20.033      | 2878          | 2884        | 2891         | rBV      | 2783172        | 4009619       | 100.00%         | 19.901%       |
| 13        | 21.708      | 3162          | 3169        | 3178         | rBV      | 771952         | 1222892       | 30.50%          | 6.070%        |
| 14        | 22.466      | 3293          | 3298        | 3305         | rBV2     | 51799          | 90001         | 2.24%           | 0.447%        |
| 15        | 23.165      | 3412          | 3417        | 3427         | rVB2     | 71006          | 136011        | 3.39%           | 0.675%        |
| 16        | 23.981      | 3547          | 3556        | 3564         | rBV2     | 60792          | 147626        | 3.68%           | 0.733%        |
| 17        | 25.010      | 3713          | 3731        | 3748         | rVB2     | 320996         | 1297014       | 32.35%          | 6.437%        |
| 18        | 26.097      | 3907          | 3916        | 3928         | rVB5     | 21290          | 72246         | 1.80%           | 0.359%        |

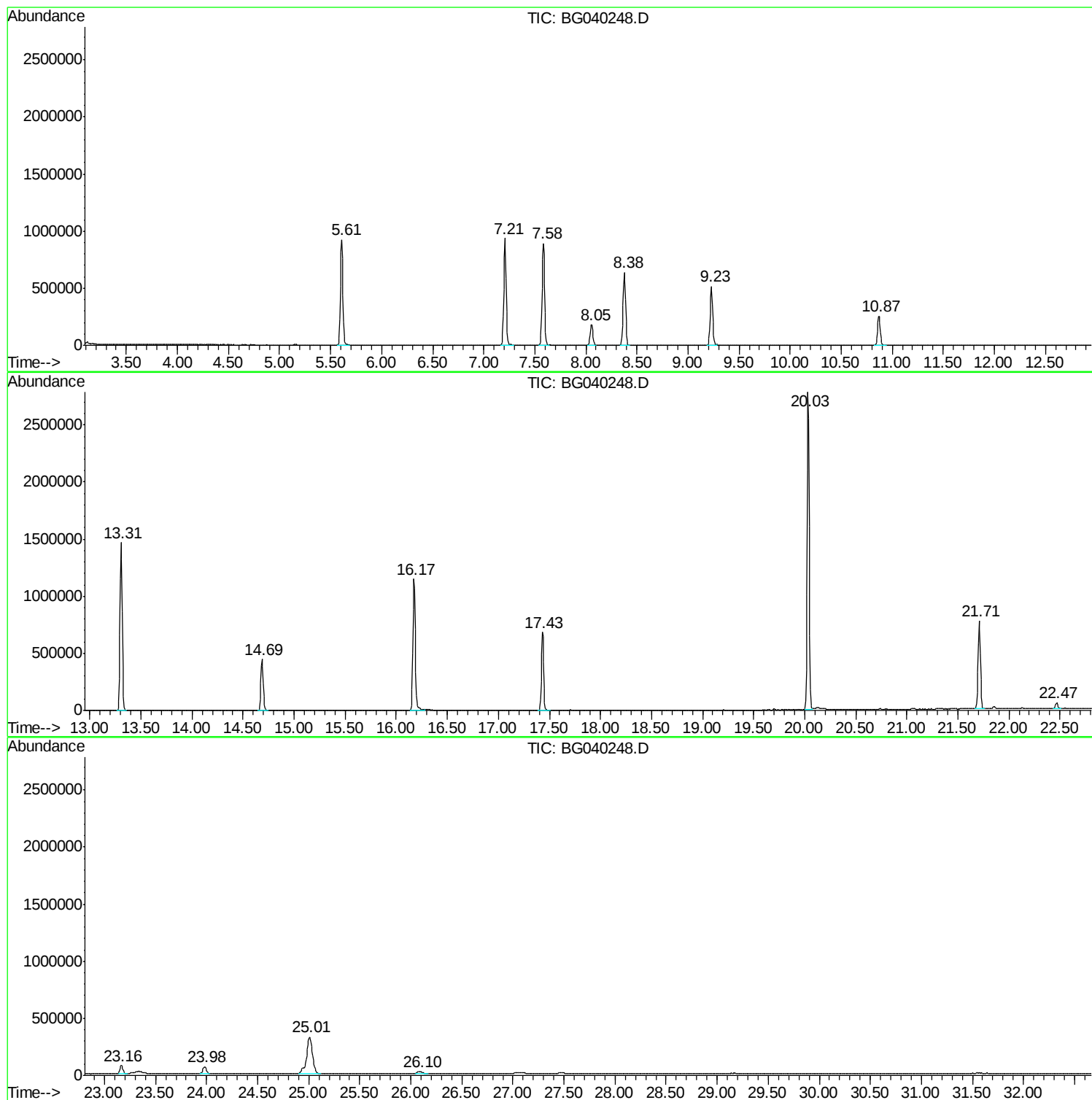
Sum of corrected areas: 20147869

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.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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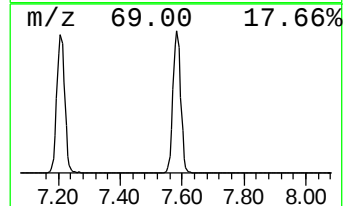
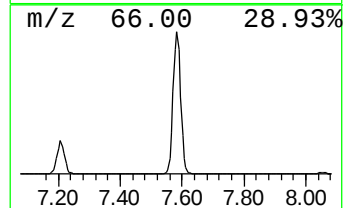
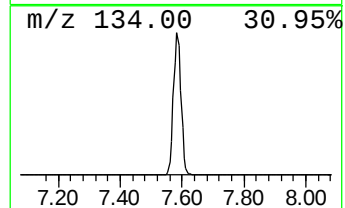
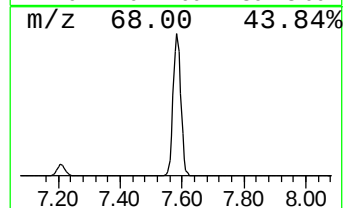
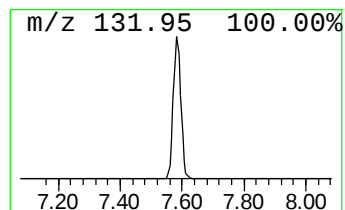
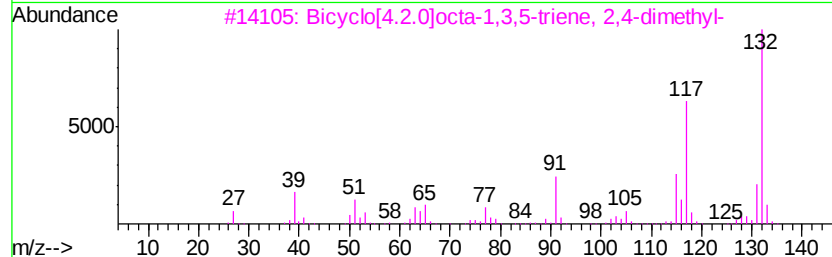
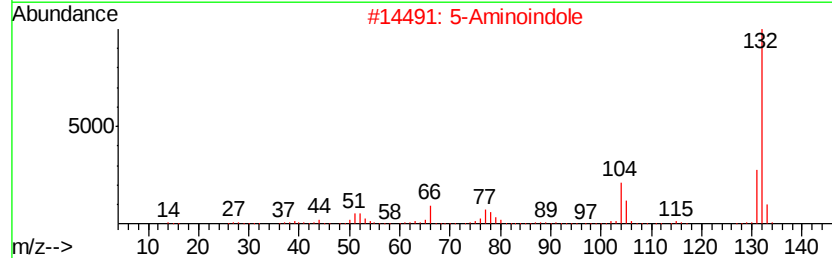
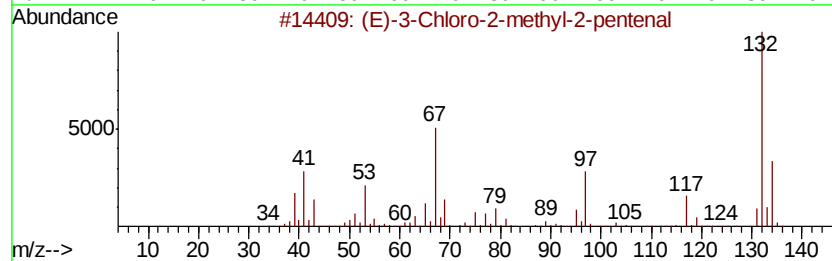
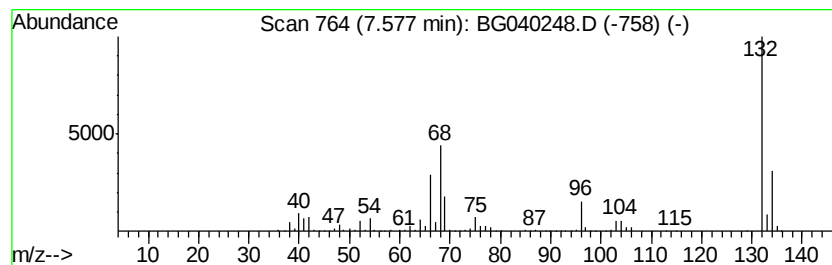
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.58 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.58 | 94.77 ng | 1515350 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO | 031357-76-3 | 16   |
| 2    |    | 5-Aminoindole                       | 132 | C8H8N2  | 005192-03-0 | 12   |
| 3    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12  | 028749-81-7 | 9    |
| 4    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12  | 005379-20-4 | 9    |
| 5    |    | Xenon                               | 132 | Xe      | 007440-63-3 | 9    |



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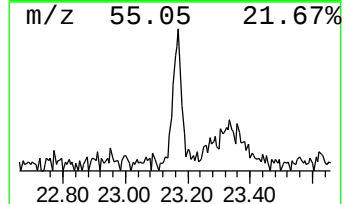
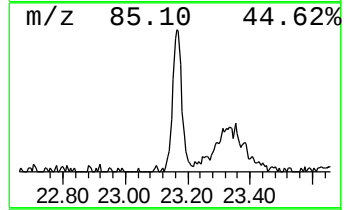
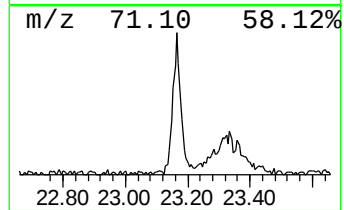
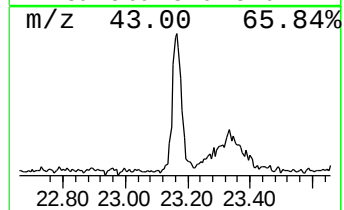
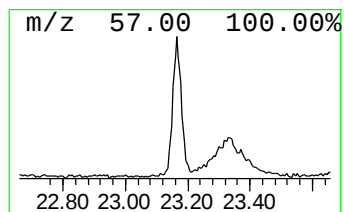
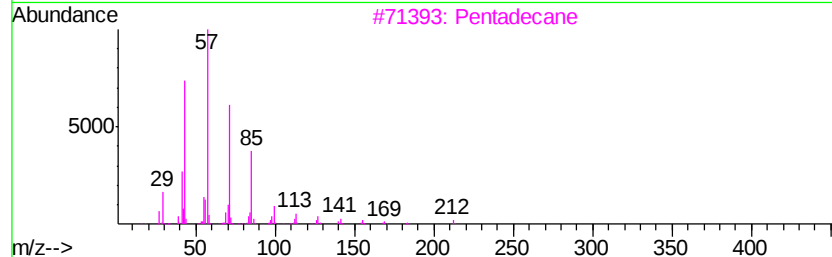
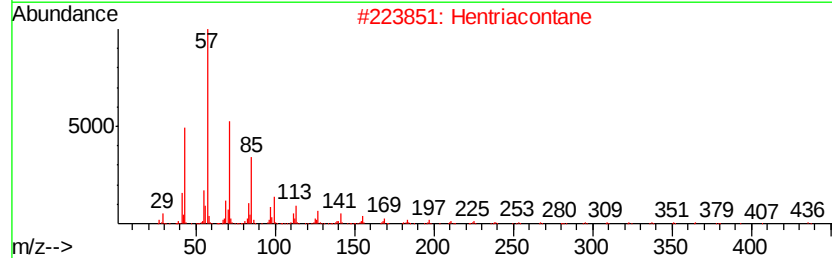
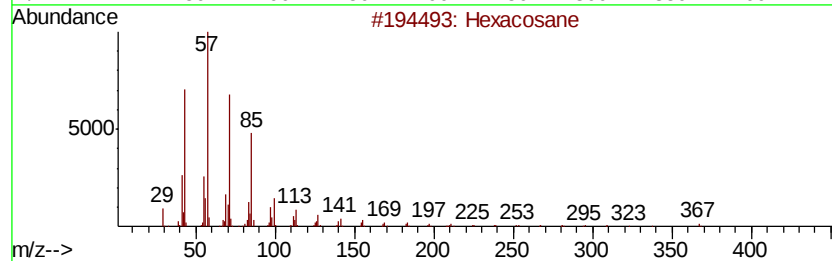
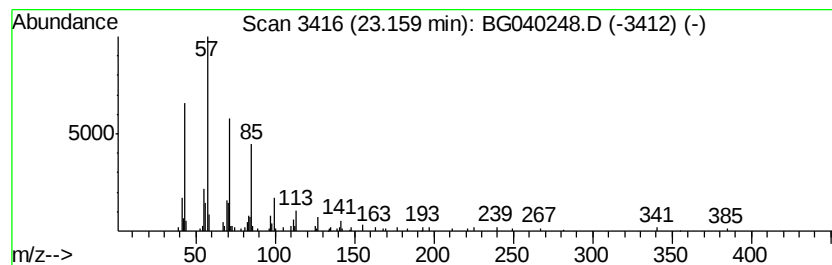
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Peak Number 3 Hexacosane Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.16 | 2.22 ng | 136011 | Chrysene-d12     | 21.71 |

| Hit# | of | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|----------------|-----|---------|-------------|------|
| 1    | 5  | Hexacosane     | 366 | C26H54  | 000630-01-3 | 86   |
| 2    |    | Hentriacontane | 437 | C31H64  | 000630-04-6 | 83   |
| 3    |    | Pentadecane    | 212 | C15H32  | 000629-62-9 | 83   |
| 4    |    | Eicosane       | 282 | C20H42  | 000112-95-8 | 83   |
| 5    |    | Tetradecane    | 198 | C14H30  | 000629-59-4 | 83   |



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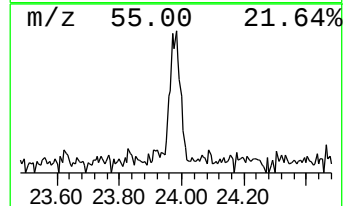
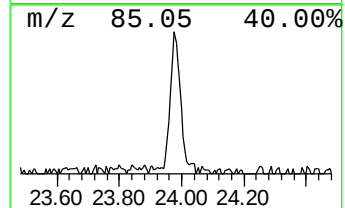
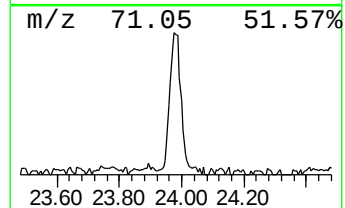
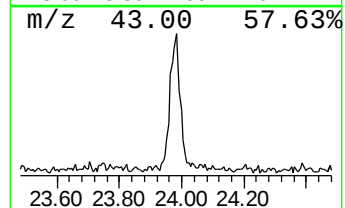
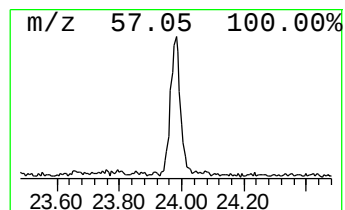
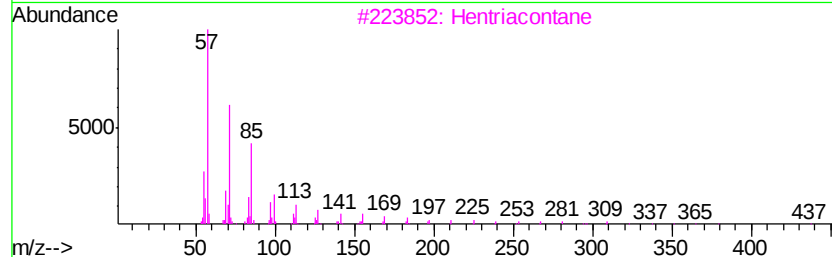
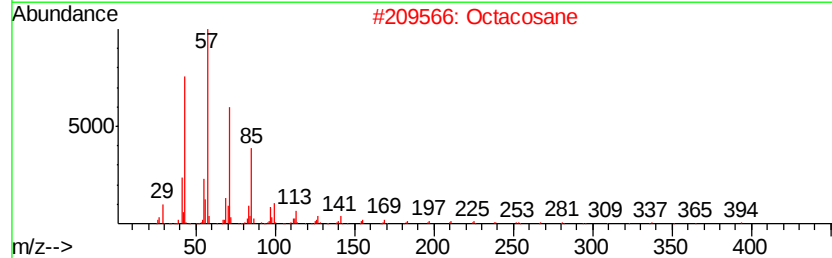
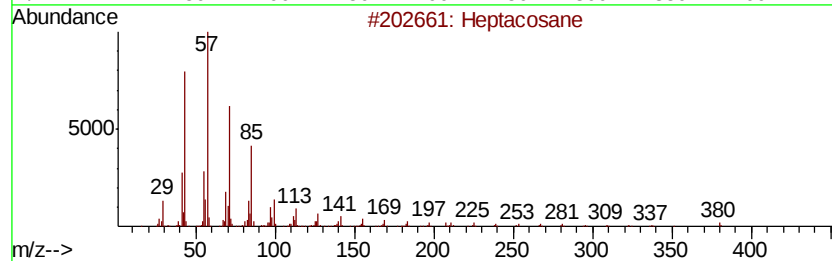
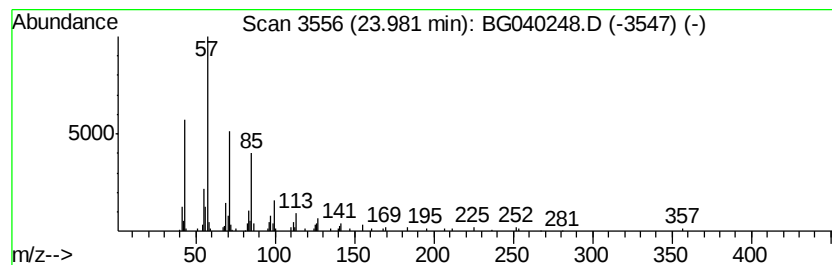
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Heptacosane Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.98 | 2.28 ng | 147626 | Perylene-d12     | 25.01 |

| Hit# of | 5                      | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------------|--------------|-----|---------|-------------|------|
| 1       | Heptacosane            |              | 380 | C27H56  | 000593-49-7 | 91   |
| 2       | Octacosane             |              | 394 | C28H58  | 000630-02-4 | 91   |
| 3       | Hentriacontane         |              | 437 | C31H64  | 000630-04-6 | 91   |
| 4       | Tetracosane, 11-decyl- |              | 479 | C34H70  | 055429-84-0 | 91   |
| 5       | Docosane               |              | 310 | C22H46  | 000629-97-0 | 90   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown7.58      | 7.58  | 94.8    | ng    | 1515350  | 1                     | 8.06  | 319806  | 20.0 |
| Hexacosane       | 23.16 | 2.2     | ng    | 136011   | 5                     | 21.71 | 1222890 | 20.0 |
| Heptacosane      | 23.98 | 2.3     | ng    | 147626   | 6                     | 25.01 | 1297010 | 20.0 |