

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092121\  
 Data File : BF125536.D  
 Acq On : 21 Sep 2021 15:08  
 Operator : JU/CG  
 Sample : PB139146BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139146BL

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\_F\METHODS\8270-BF092121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125536.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         | 5.522       | 578           | 584         | 587          | rBV      | 4193075        | 4345244       | 52.51%          | 8.466%        |
| 2         | 6.516       | 746           | 753         | 756          | rBV      | 3765975        | 4327193       | 52.30%          | 8.431%        |
| 3         | 6.898       | 814           | 818         | 821          | rBV      | 1753539        | 1516786       | 18.33%          | 2.955%        |
| 4         | 7.057       | 840           | 845         | 848          | rVB      | 5450525        | 5344787       | 64.59%          | 10.413%       |
| 5         | 7.457       | 907           | 913         | 916          | rBV      | 3788656        | 4319623       | 52.20%          | 8.416%        |
| 6         | 8.175       | 1030          | 1035        | 1039         | rBV      | 2116433        | 2153467       | 26.03%          | 4.196%        |
| 7         | 9.257       | 1212          | 1219        | 1222         | rBV      | 7247666        | 8274407       | 100.00%         | 16.121%       |
| 8         | 9.933       | 1328          | 1334        | 1337         | rBV      | 3062264        | 2558755       | 30.92%          | 4.985%        |
| 9         | 10.721      | 1462          | 1468        | 1471         | rBV      | 3509103        | 3351506       | 40.50%          | 6.530%        |
| 10        | 11.421      | 1582          | 1587        | 1590         | rBV      | 2683892        | 2489368       | 30.09%          | 4.850%        |
| 11        | 13.015      | 1852          | 1858        | 1861         | rBV      | 6679862        | 7852829       | 94.91%          | 15.300%       |
| 12        | 14.057      | 2031          | 2035        | 2038         | rBV      | 2179292        | 1914153       | 23.13%          | 3.729%        |
| 13        | 15.192      | 2224          | 2228        | 2234         | rBV      | 88678          | 97042         | 1.17%           | 0.189%        |
| 14        | 15.533      | 2281          | 2286        | 2291         | rBV      | 1164554        | 1466940       | 17.73%          | 2.858%        |
| 15        | 15.586      | 2291          | 2295        | 2305         | rVB      | 122876         | 168126        | 2.03%           | 0.328%        |
| 16        | 16.033      | 2366          | 2371        | 2378         | rVB2     | 126377         | 178755        | 2.16%           | 0.348%        |
| 17        | 16.556      | 2454          | 2460        | 2466         | rBV      | 119661         | 202727        | 2.45%           | 0.395%        |
| 18        | 17.174      | 2558          | 2565        | 2583         | rVB4     | 126757         | 488486        | 5.90%           | 0.952%        |
| 19        | 17.897      | 2681          | 2688        | 2698         | rVB2     | 66781          | 163072        | 1.97%           | 0.318%        |
| 20        | 18.762      | 2829          | 2835        | 2844         | rBV5     | 40821          | 113835        | 1.38%           | 0.222%        |

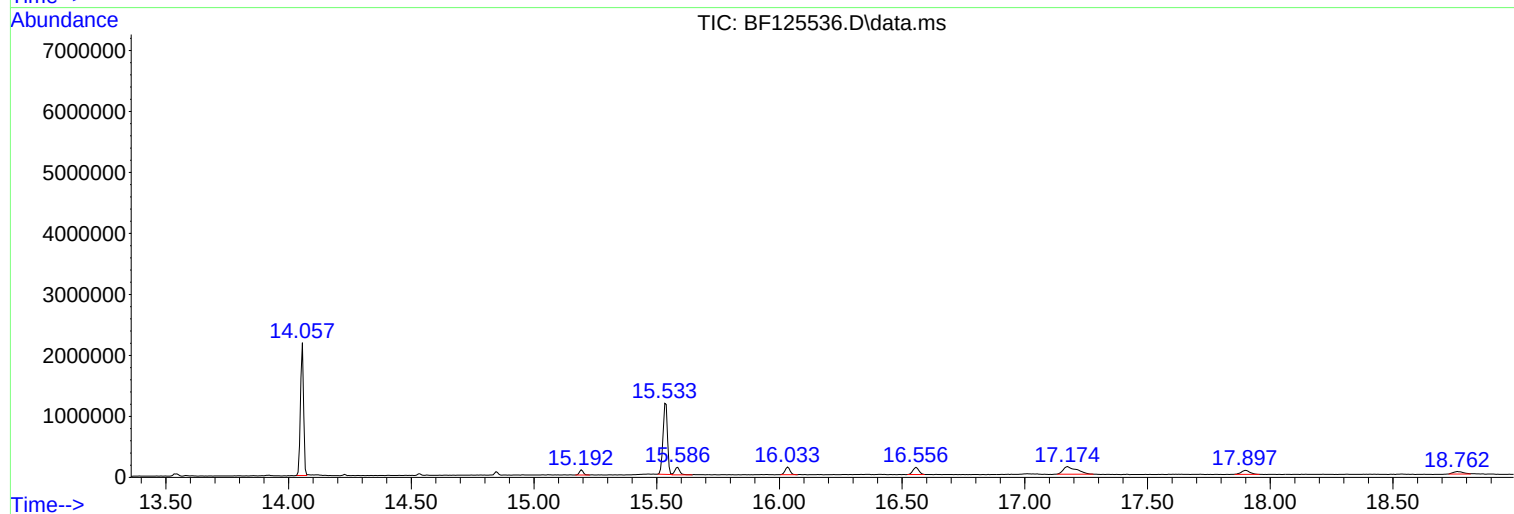
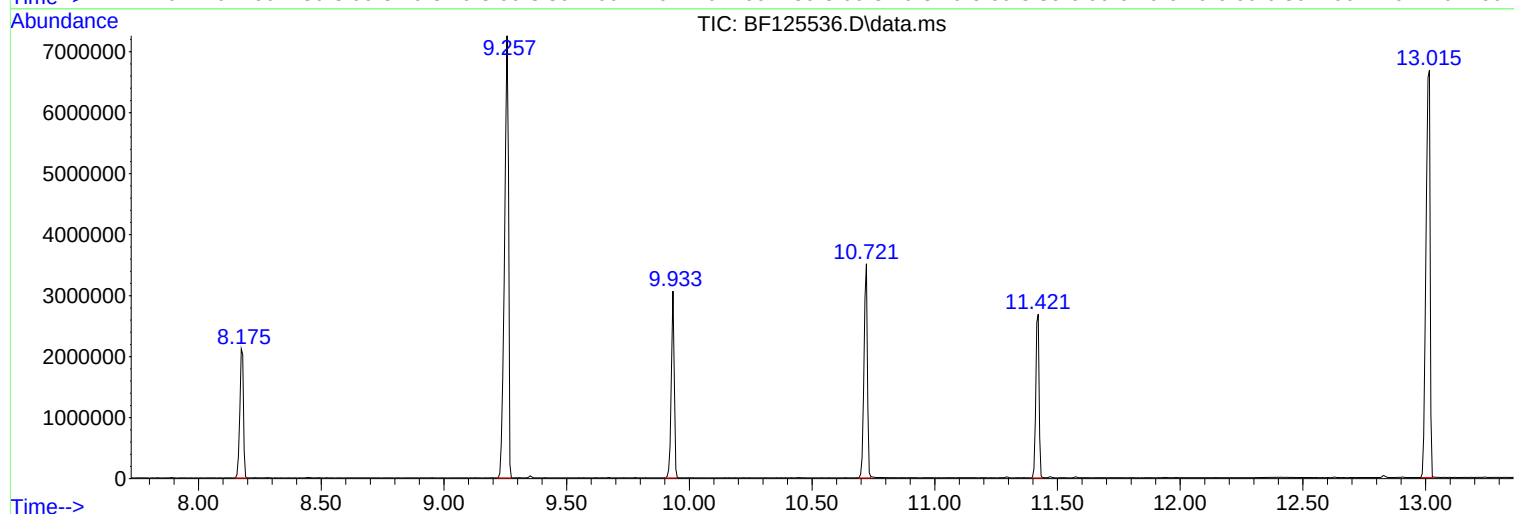
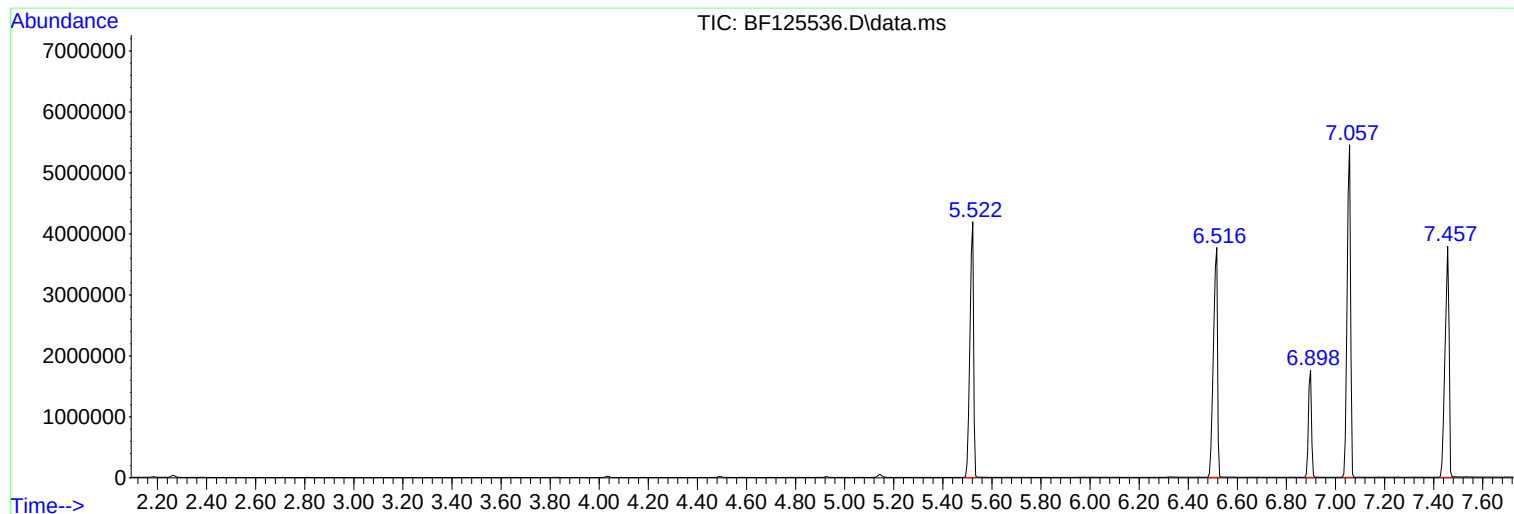
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB139146BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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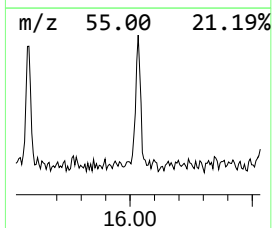
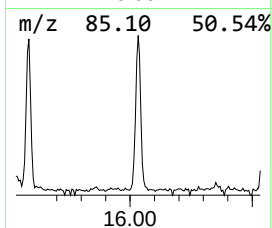
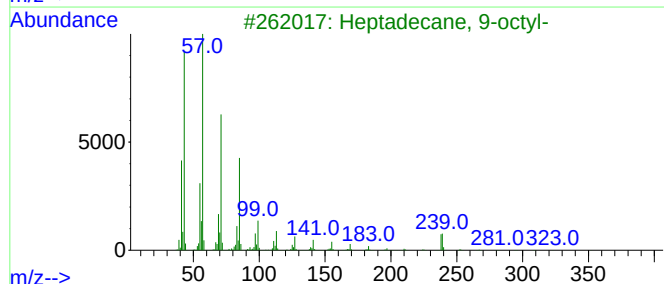
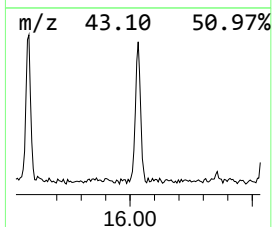
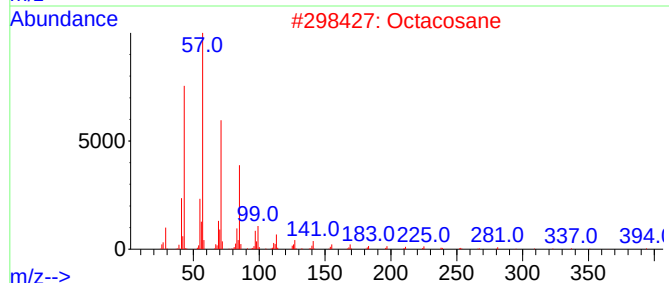
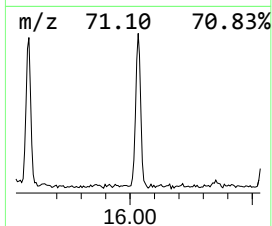
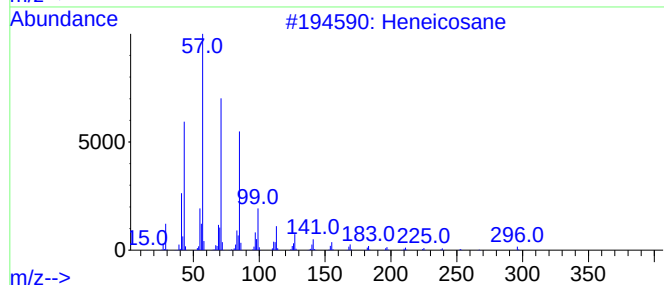
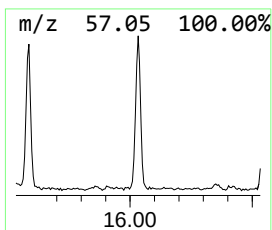
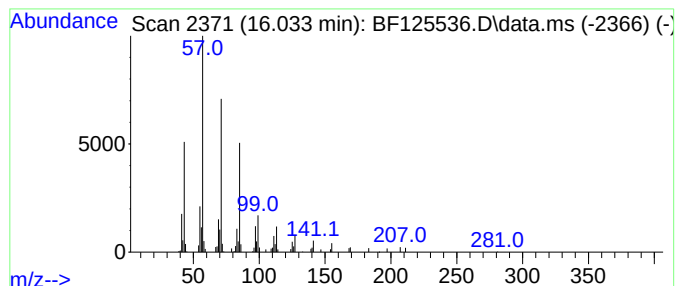
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Heneicosane Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.033 | 2.44 ng | 178755 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 4    |    |   | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 91   |
| 5    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 90   |



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Misc :  
ALS Vial : 10 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
PB139146BL

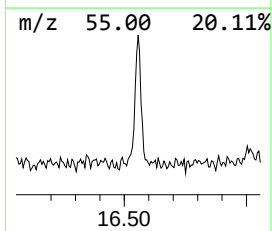
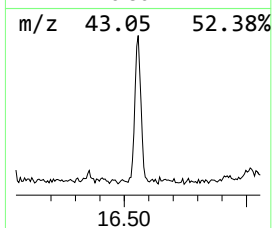
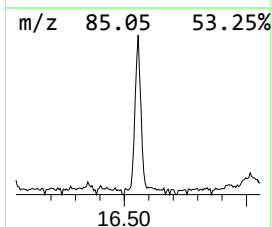
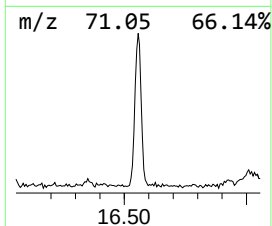
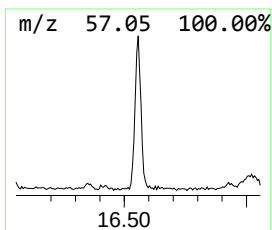
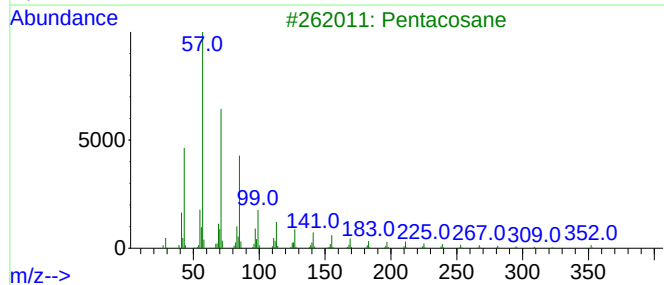
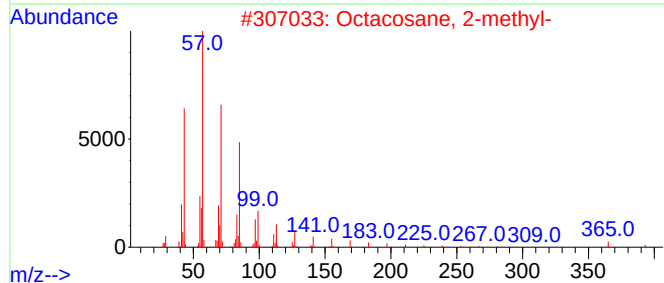
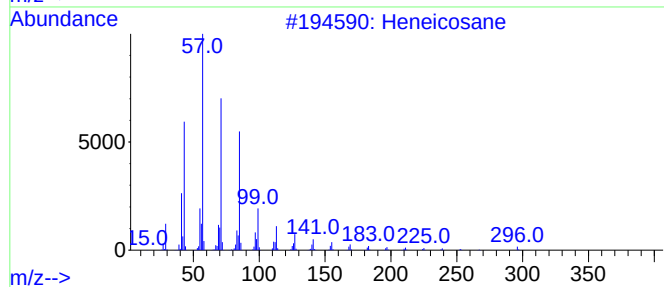
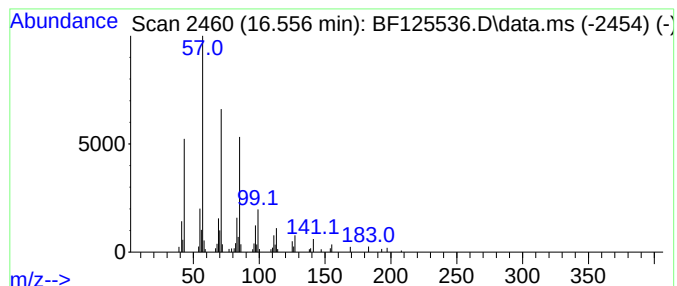
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Octacosane, 2-methyl- Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.556 | 2.76 ng | 202727 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 3    |    |   | Pentacosane           | 352 | C25H52  | 000629-99-2 | 87   |
| 4    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 87   |
| 5    |    |   | Heptadecane           | 240 | C17H36  | 000629-78-7 | 86   |



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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB139146BL

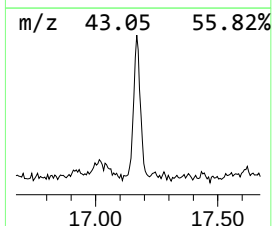
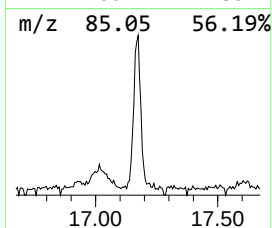
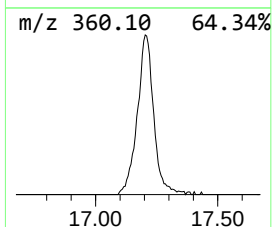
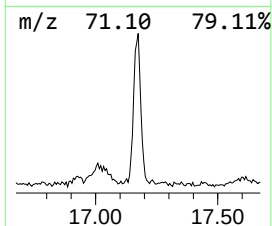
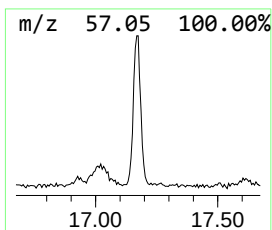
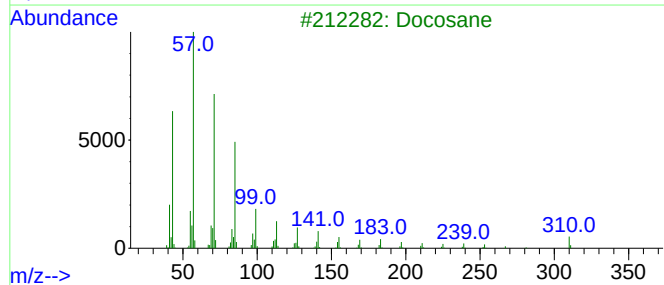
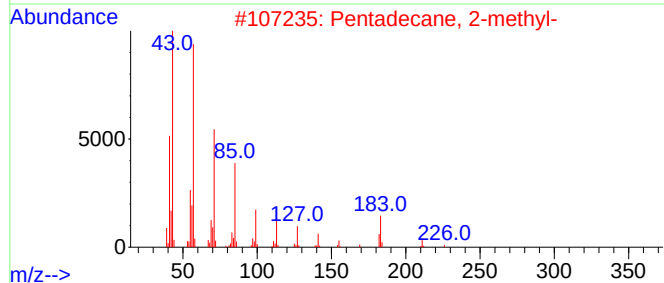
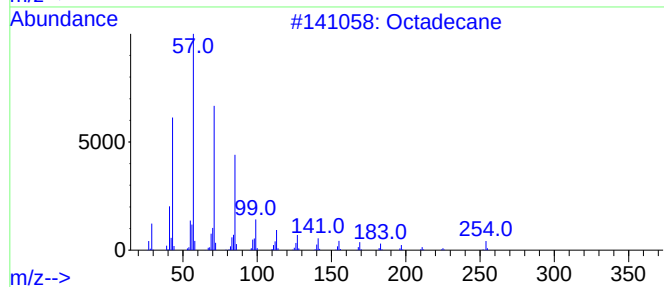
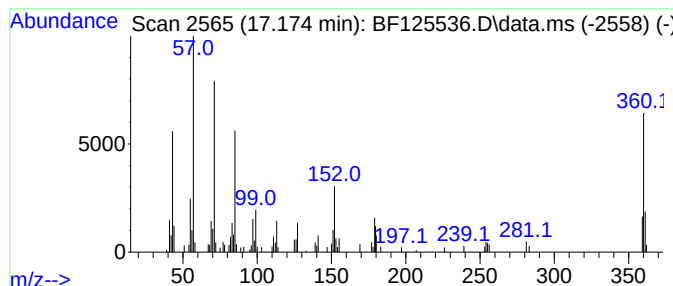
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TIC Library : C:\Database\NIST20.L  
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Peak Number 4 Octadecane Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.174 | 6.66 ng | 488486 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Octadecane             | 254 | C18H38  | 000593-45-3  | 83   |
| 2    |    |   | Pentadecane, 2-methyl- | 226 | C16H34  | 001560-93-6  | 70   |
| 3    |    |   | Docosane               | 310 | C22H44  | 000629-97-0  | 55   |
| 4    |    |   | Docosane, 1-iodo-      | 436 | C22H45I | 1000406-31-9 | 55   |
| 5    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7  | 55   |



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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :  
PB139146BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

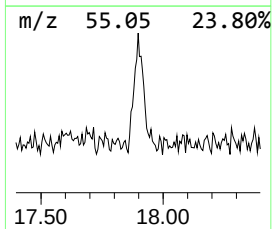
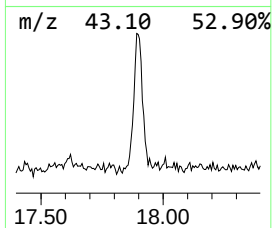
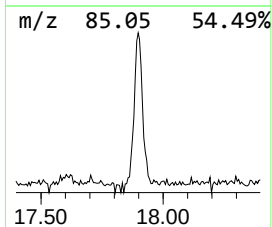
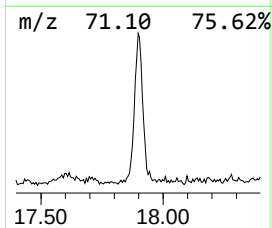
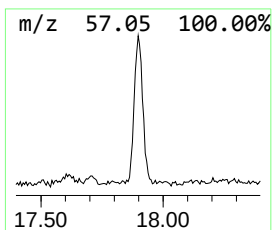
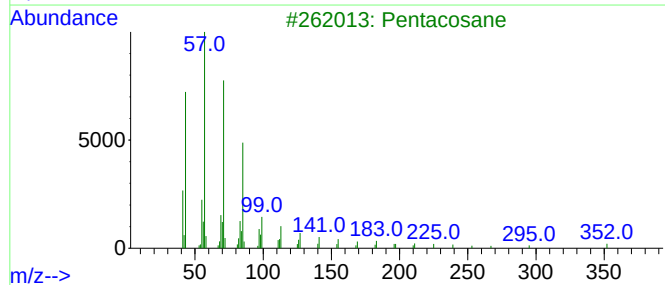
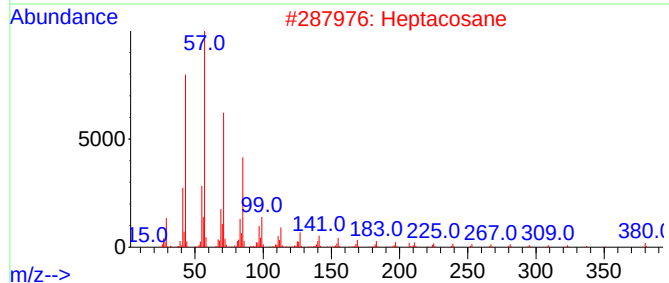
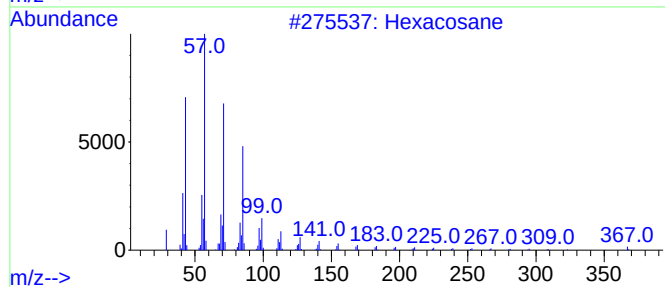
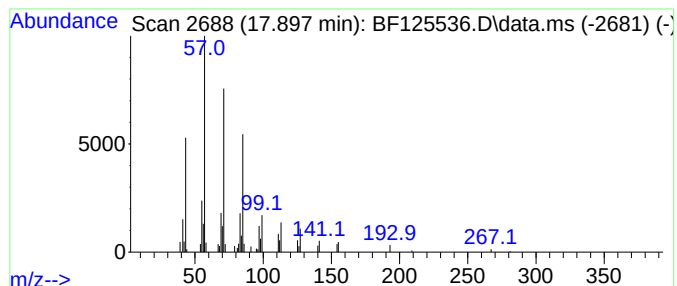
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Hexacosane Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.898 | 2.22 ng | 163072 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 2    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |    |   | Pentacosane           | 352 | C25H52  | 000629-99-2 | 91   |
| 4    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 5    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |



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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Heneicosane        | 16.033 | 2.4     | ng    | 178755   | 6                     | 15.539 | 1466940 | 20.0 |
| Octacosane, 2-m... | 16.556 | 2.8     | ng    | 202727   | 6                     | 15.539 | 1466940 | 20.0 |
| Octadecane         | 17.174 | 6.7     | ng    | 488486   | 6                     | 15.539 | 1466940 | 20.0 |
| Hexacosane         | 17.898 | 2.2     | ng    | 163072   | 6                     | 15.539 | 1466940 | 20.0 |