

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019925.D  
Acq On : 28 Feb 2024 20:01  
Operator : MA/JU  
Sample : P1610-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SU-02-02272024

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\_P\Methods\8270E-BP022624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019925.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         | 5.016       | 321           | 328         | 332          | rBV      | 15993          | 25657         | 1.33%           | 0.181%        |
| 2         | 5.463       | 397           | 404         | 414          | rBV      | 539075         | 846749        | 43.89%          | 5.980%        |
| 3         | 7.069       | 668           | 677         | 692          | rBV      | 592224         | 1002662       | 51.98%          | 7.081%        |
| 4         | 7.893       | 810           | 817         | 826          | rBV      | 432567         | 692599        | 35.90%          | 4.891%        |
| 5         | 9.063       | 1008          | 1016        | 1035         | rBV      | 377627         | 690430        | 35.79%          | 4.876%        |
| 6         | 10.698      | 1281          | 1294        | 1307         | rBV      | 538950         | 979796        | 50.79%          | 6.919%        |
| 7         | 13.163      | 1706          | 1713        | 1724         | rBV      | 1165454        | 1751610       | 90.80%          | 12.369%       |
| 8         | 14.439      | 1922          | 1930        | 1934         | rBV4     | 19455          | 44016         | 2.28%           | 0.311%        |
| 9         | 14.539      | 1941          | 1947        | 1954         | rBV      | 872412         | 1294157       | 67.09%          | 9.139%        |
| 10        | 15.392      | 2089          | 2092        | 2096         | rVB2     | 19931          | 26314         | 1.36%           | 0.186%        |
| 11        | 16.039      | 2195          | 2202        | 2209         | rBV      | 885309         | 1296764       | 67.22%          | 9.157%        |
| 12        | 16.269      | 2236          | 2241        | 2248         | rBV3     | 52876          | 105081        | 5.45%           | 0.742%        |
| 13        | 17.063      | 2373          | 2376        | 2381         | rBV      | 30408          | 41631         | 2.16%           | 0.294%        |
| 14        | 17.116      | 2382          | 2385        | 2395         | rVB4     | 32279          | 59229         | 3.07%           | 0.418%        |
| 15        | 17.304      | 2411          | 2417        | 2422         | rBV      | 984643         | 1418421       | 73.53%          | 10.016%       |
| 16        | 17.810      | 2500          | 2503        | 2506         | rVB      | 41916          | 44193         | 2.29%           | 0.312%        |
| 17        | 18.198      | 2565          | 2569        | 2578         | rBV4     | 154883         | 243342        | 12.61%          | 1.718%        |
| 18        | 18.486      | 2615          | 2618        | 2623         | rVB2     | 53532          | 68091         | 3.53%           | 0.481%        |
| 19        | 19.092      | 2719          | 2721        | 2729         | rVB4     | 106248         | 171348        | 8.88%           | 1.210%        |
| 20        | 19.663      | 2815          | 2818        | 2829         | rVB4     | 122965         | 211173        | 10.95%          | 1.491%        |
| 21        | 19.874      | 2849          | 2854        | 2859         | rBV      | 1606928        | 1929079       | 100.00%         | 13.623%       |
| 22        | 20.186      | 2904          | 2907        | 2910         | rVB      | 118968         | 122272        | 6.34%           | 0.863%        |
| 23        | 21.410      | 3111          | 3115        | 3122         | rVB      | 844264         | 1096251       | 56.83%          | 7.741%        |

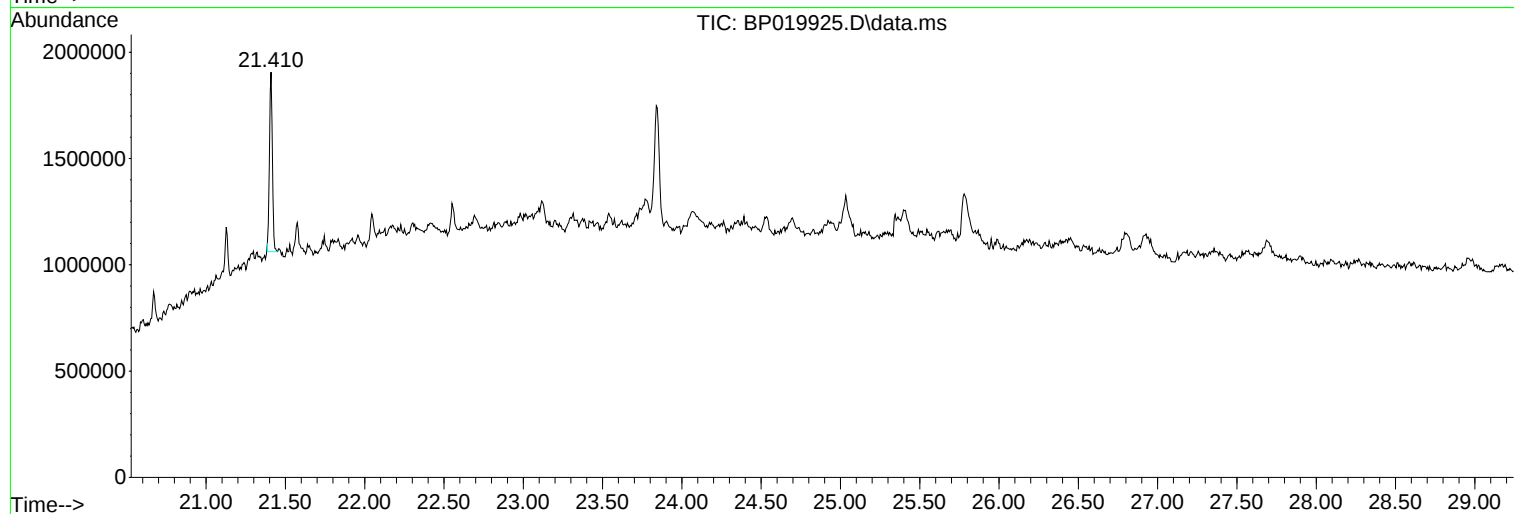
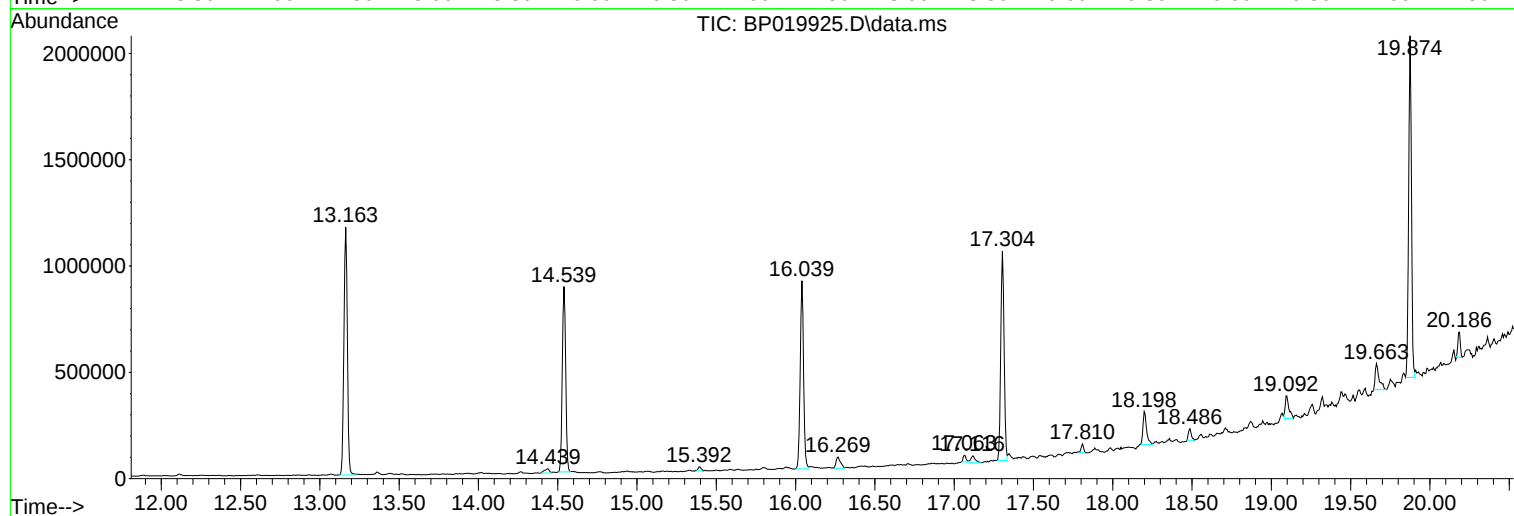
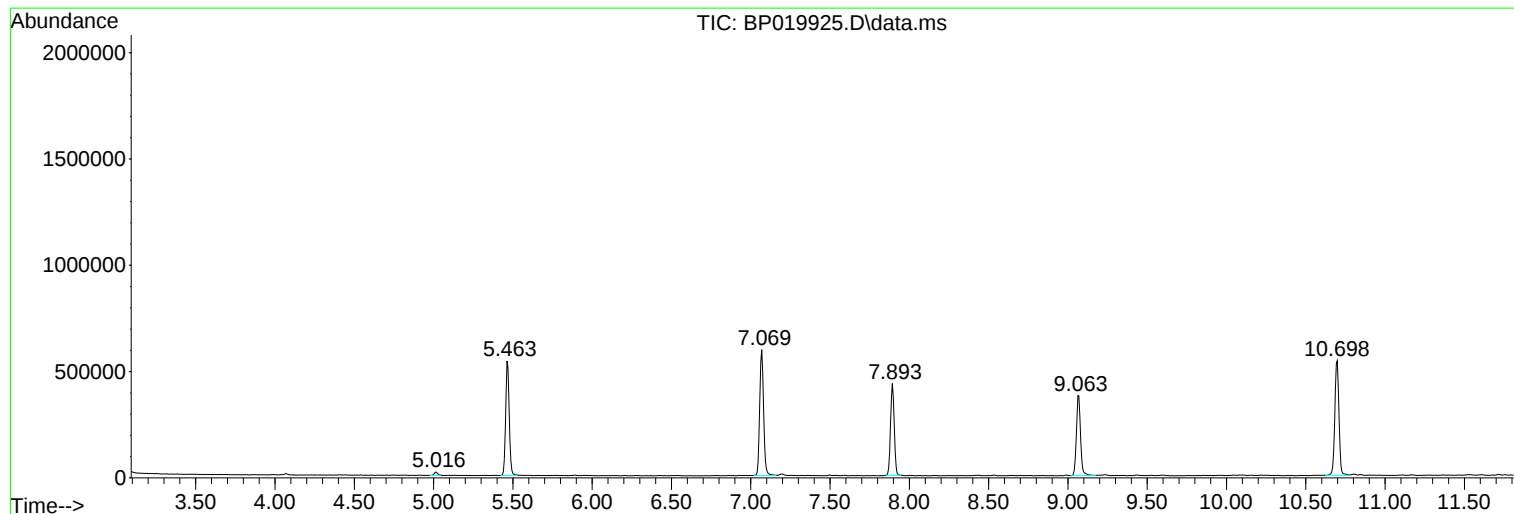
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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SU-02-02272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.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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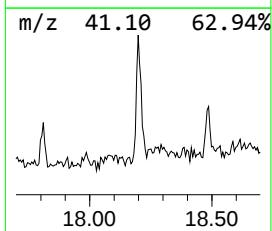
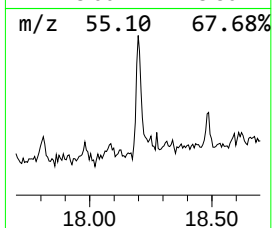
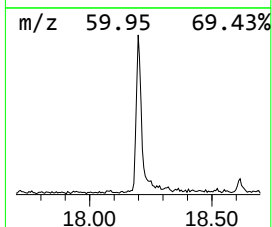
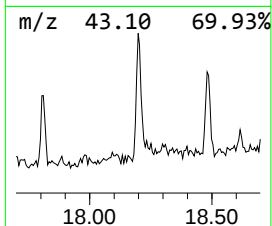
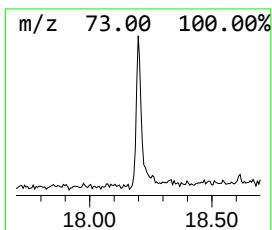
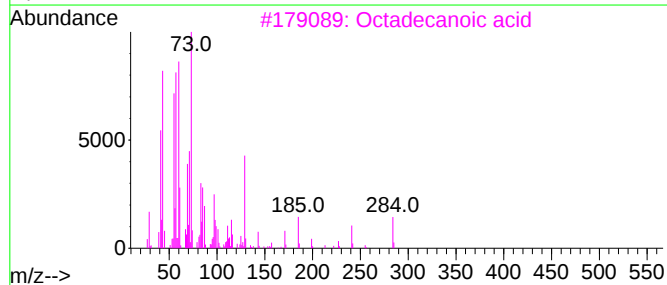
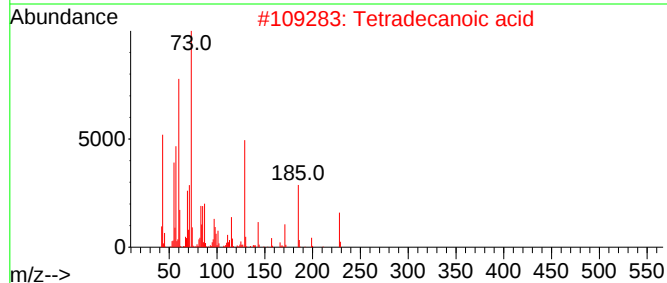
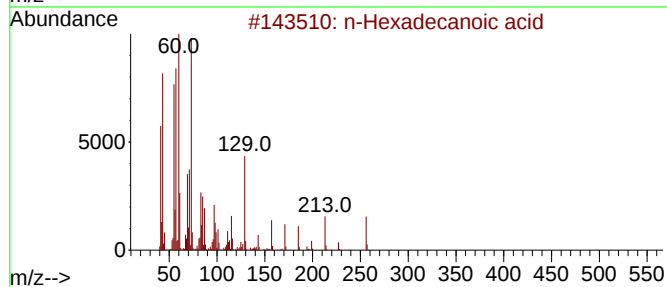
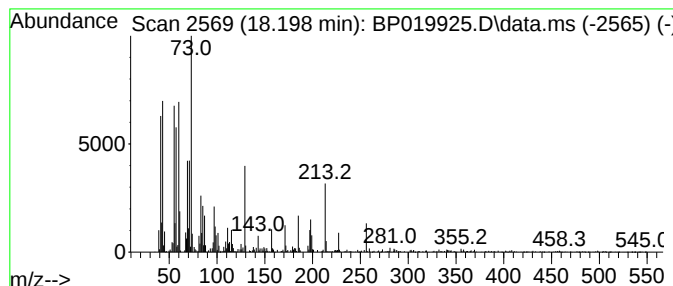
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.198 | 3.43 ng | 243342 | Phenanthrene-d10 | 17.304 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 86   |
| 3    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 81   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 76   |
| 5    |    |   | Docosanoic acid     | 340 | C22H44O2 | 000112-85-6 | 74   |



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BNA\_P  
ClientSampleId :  
SU-02-02272024

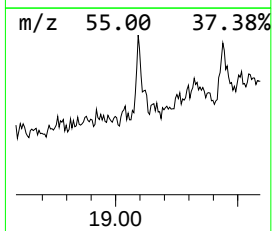
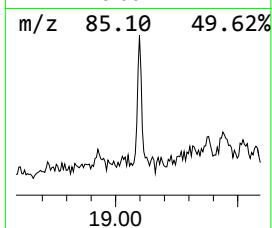
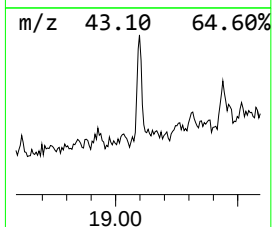
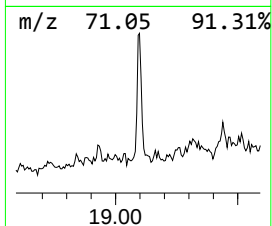
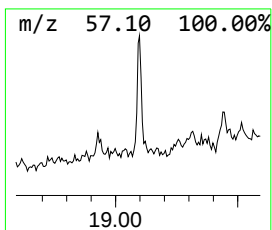
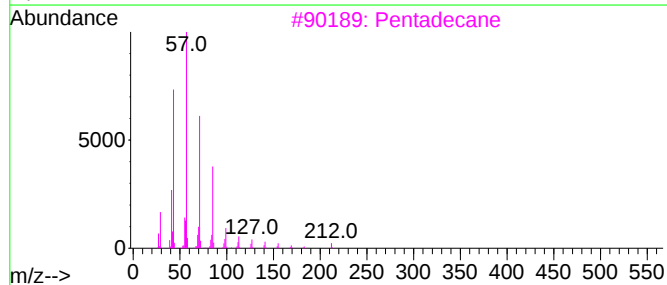
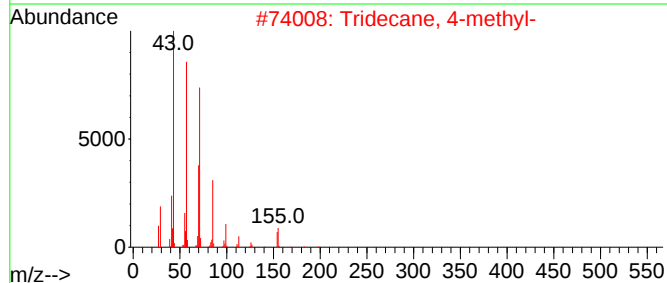
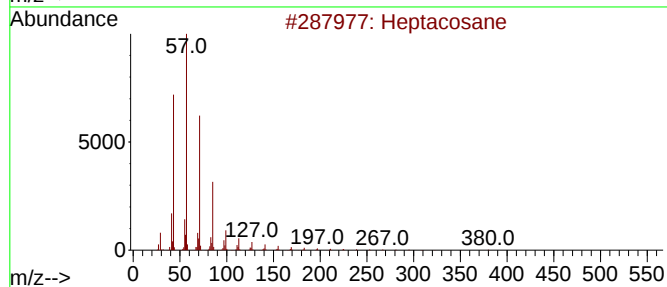
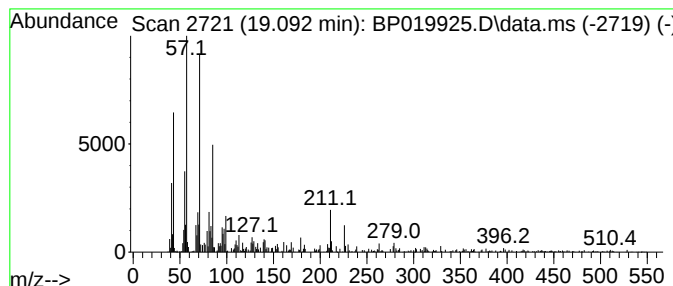
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Heptacosane Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.092 | 2.42 ng | 171348 | Phenanthrene-d10 | 17.304 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Heptacosane          | 380 | C27H56  | 000593-49-7 | 89   |
| 2    |      | Tridecane, 4-methyl- | 198 | C14H30  | 026730-12-1 | 76   |
| 3    |      | Pentadecane          | 212 | C15H32  | 000629-62-9 | 68   |
| 4    |      | Tritriacontane       | 465 | C33H68  | 000630-05-7 | 68   |
| 5    |      | Docosane             | 310 | C22H46  | 000629-97-0 | 64   |



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Sample : P1610-01  
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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SU-02-02272024

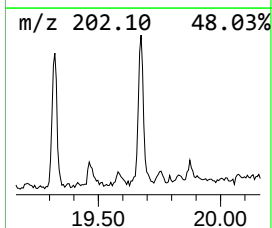
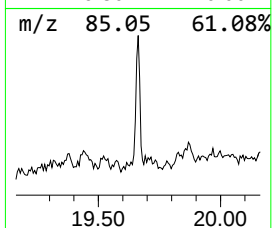
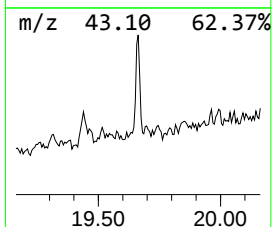
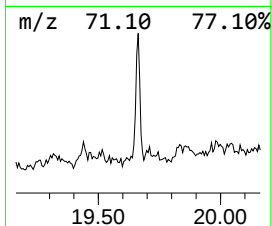
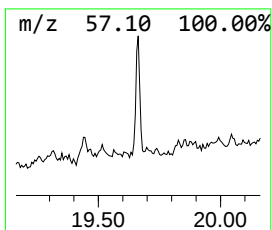
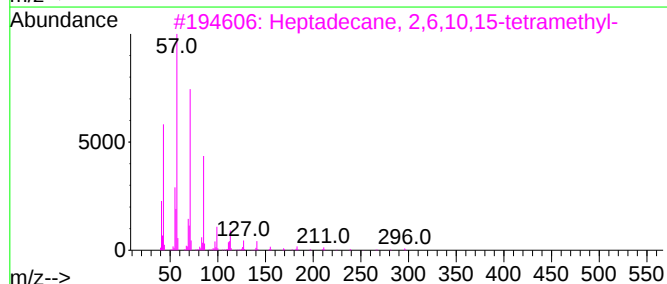
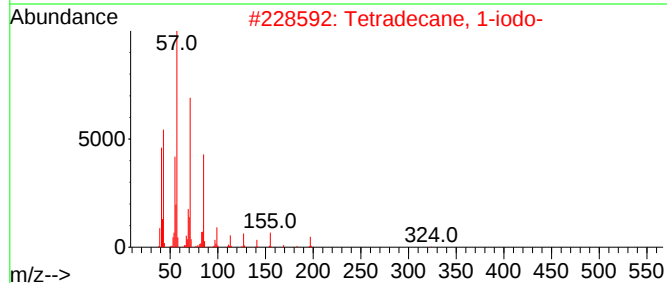
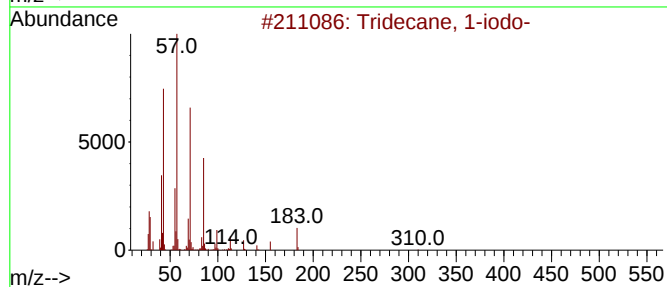
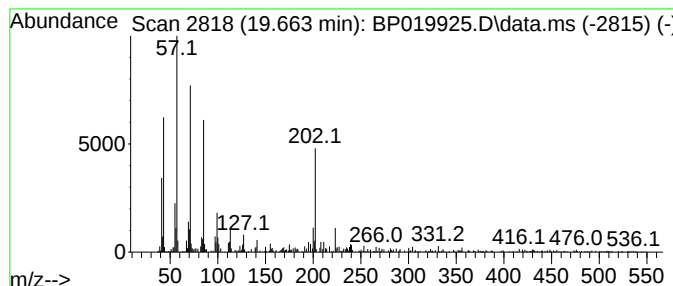
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Tridecane, 1-iodo- Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.663 | 3.85 ng | 211173 | Chrysene-d12     | 21.410 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecane, 1-iodo-                  | 310 | C13H27I  | 035599-77-0 | 70   |
| 2    |    |   | Tetradecane, 1-iodo-                | 324 | C14H29I  | 019218-94-1 | 64   |
| 3    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6 | 58   |
| 4    |    |   | Tetracosane, 1-bromo-               | 416 | C24H49Br | 006946-24-3 | 58   |
| 5    |    |   | 1-Iodoundecane                      | 282 | C11H23I  | 004282-44-4 | 58   |



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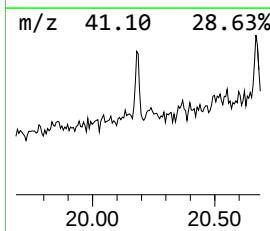
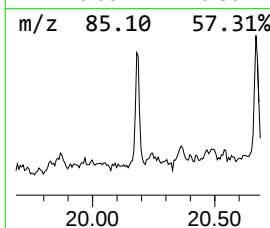
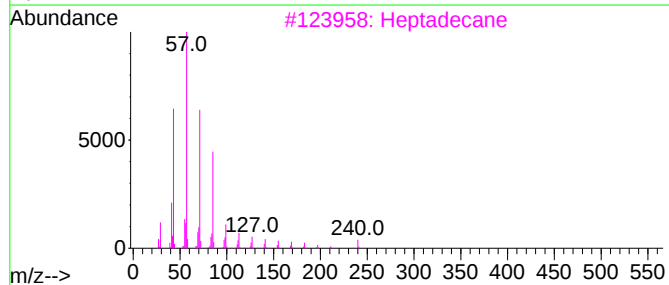
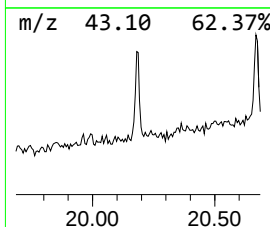
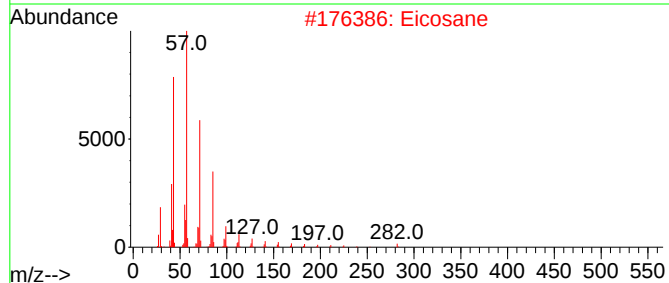
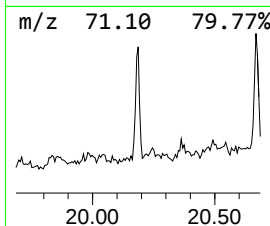
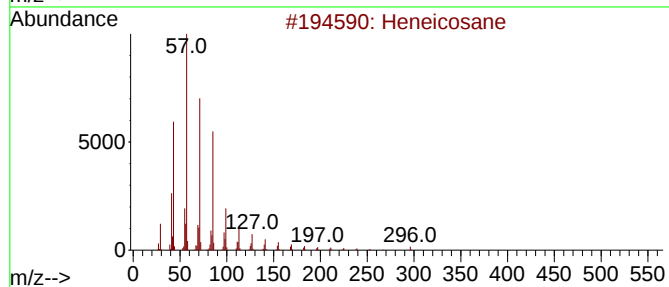
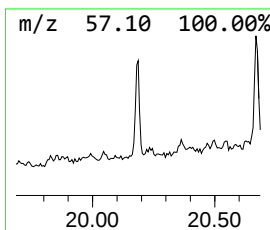
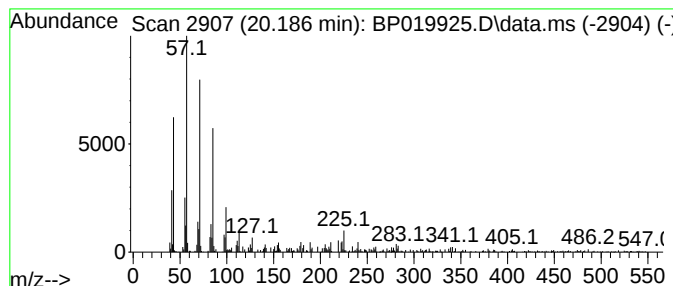
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TIC Library : C:\Database\NIST20.L  
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Peak Number 4 Heneicosane Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.186 | 2.23 ng | 122272 | Chrysene-d12     | 21.410 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 95   |
| 2    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 90   |
| 3    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |
| 4    |    |   | Octacosane   | 394 | C28H58  | 000630-02-4 | 83   |
| 5    |    |   | Heptacosane  | 380 | C27H56  | 000593-49-7 | 74   |



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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 |
| n-Hexadecanoic ... | 18.198 | 3.4     | ng    | 243342   | 4                     | 17.304 | 1418420 | 20.0 |
| Heptacosane        | 19.092 | 2.4     | ng    | 171348   | 4                     | 17.304 | 1418420 | 20.0 |
| Tridecane, 1-iodo- | 19.663 | 3.9     | ng    | 211173   | 5                     | 21.410 | 1096250 | 20.0 |
| Heneicosane        | 20.186 | 2.2     | ng    | 122272   | 5                     | 21.410 | 1096250 | 20.0 |