

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092220\  
 Data File : BP003339.D  
 Acq On : 22 Sep 2020 15:14  
 Operator : CG/JU  
 Sample : L4100-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 021

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\_P\METHODS\8270-BP091520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003339.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         | 5.187       | 384           | 391         | 415          | rBV      | 1722526        | 2722976       | 40.07%          | 7.153%        |
| 2         | 6.769       | 649           | 660         | 686          | rBV      | 1731369        | 2858123       | 42.06%          | 7.508%        |
| 3         | 7.181       | 726           | 730         | 747          | rBV      | 40856          | 83352         | 1.23%           | 0.219%        |
| 4         | 7.569       | 789           | 796         | 806          | rBV      | 572395         | 886020        | 13.04%          | 2.327%        |
| 5         | 8.716       | 984           | 991         | 1015         | rBV      | 1125194        | 1978625       | 29.12%          | 5.197%        |
| 6         | 10.346      | 1259          | 1268        | 1286         | rBV      | 712282         | 1262110       | 18.57%          | 3.315%        |
| 7         | 12.834      | 1684          | 1691        | 1714         | rBV      | 2906307        | 4582819       | 67.44%          | 12.038%       |
| 8         | 13.681      | 1829          | 1835        | 1846         | rBV      | 372889         | 570314        | 8.39%           | 1.498%        |
| 9         | 14.216      | 1920          | 1926        | 1947         | rBV      | 1154507        | 1807440       | 26.60%          | 4.748%        |
| 10        | 15.716      | 2174          | 2181        | 2205         | rBV      | 2309826        | 3551152       | 52.26%          | 9.328%        |
| 11        | 16.975      | 2388          | 2395        | 2409         | rBV      | 1474602        | 2185317       | 32.16%          | 5.740%        |
| 12        | 19.551      | 2827          | 2833        | 2850         | rBV      | 5374341        | 6795555       | 100.00%         | 17.851%       |
| 13        | 20.798      | 3041          | 3045        | 3054         | rBV      | 636291         | 876039        | 12.89%          | 2.301%        |
| 14        | 21.069      | 3086          | 3091        | 3103         | rBV      | 2137136        | 2702115       | 39.76%          | 7.098%        |
| 15        | 21.233      | 3116          | 3119        | 3123         | rBV      | 92247          | 93646         | 1.38%           | 0.246%        |
| 16        | 21.657      | 3187          | 3191        | 3201         | rBV2     | 128301         | 242584        | 3.57%           | 0.637%        |
| 17        | 22.110      | 3264          | 3268        | 3273         | rVB      | 154851         | 205838        | 3.03%           | 0.541%        |
| 18        | 22.233      | 3286          | 3289        | 3297         | rVB      | 90695          | 116258        | 1.71%           | 0.305%        |
| 19        | 22.610      | 3348          | 3353        | 3358         | rBV      | 240541         | 375572        | 5.53%           | 0.987%        |
| 20        | 23.169      | 3443          | 3448        | 3455         | rVB      | 275743         | 444917        | 6.55%           | 1.169%        |
| 21        | 23.263      | 3457          | 3464        | 3477         | rVB2     | 1426818        | 2716912       | 39.98%          | 7.137%        |
| 22        | 23.810      | 3551          | 3557        | 3565         | rVB      | 243548         | 482514        | 7.10%           | 1.267%        |
| 23        | 23.886      | 3566          | 3570        | 3584         | rVB2     | 89905          | 217052        | 3.19%           | 0.570%        |
| 24        | 24.545      | 3677          | 3682        | 3690         | rVB2     | 147200         | 311889        | 4.59%           | 0.819%        |

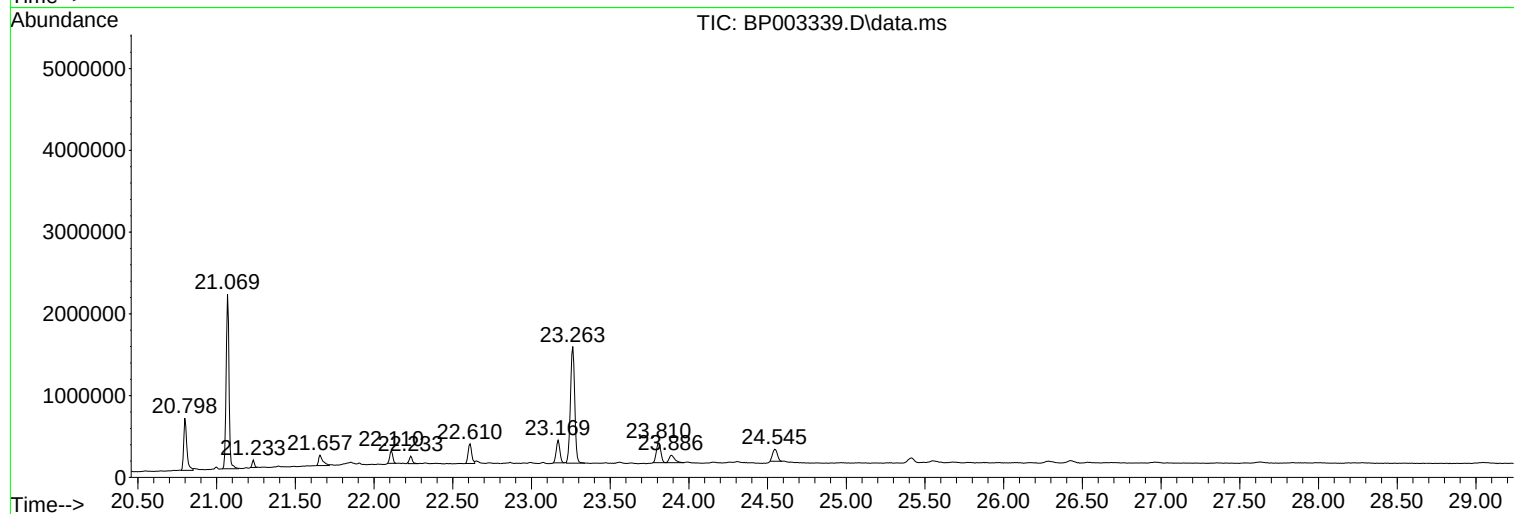
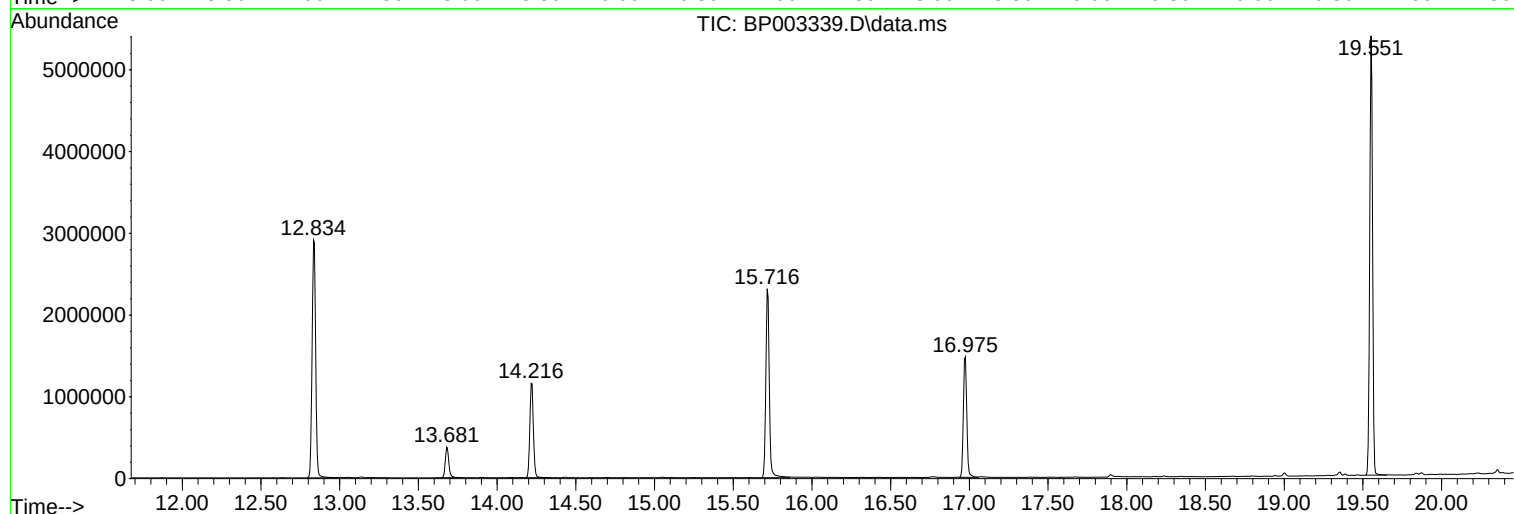
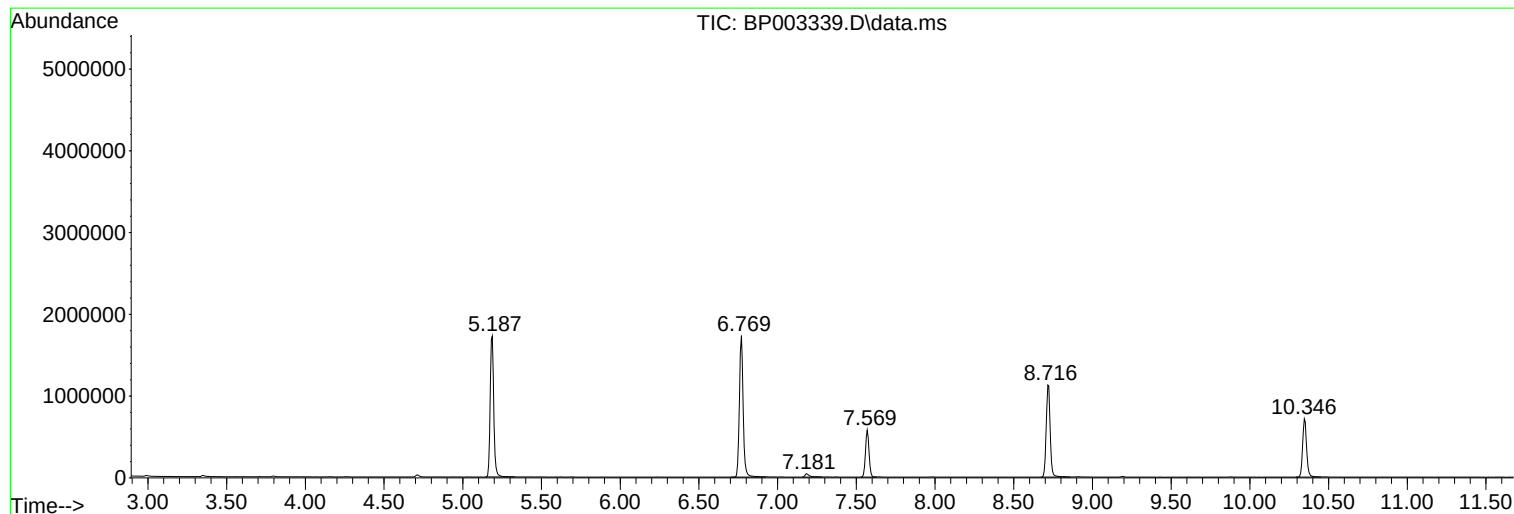
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.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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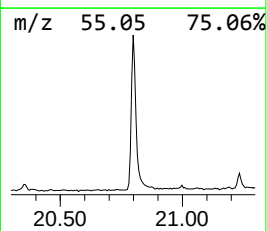
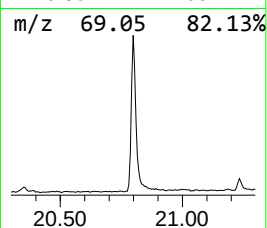
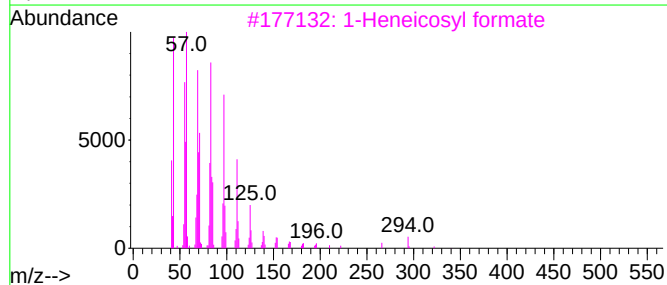
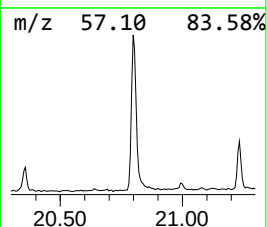
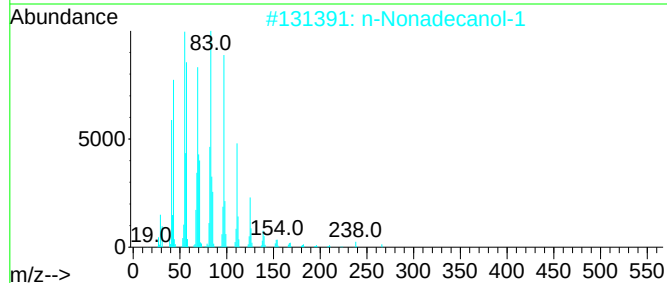
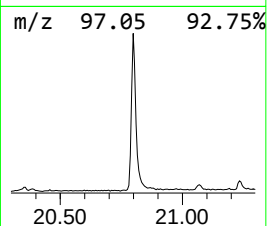
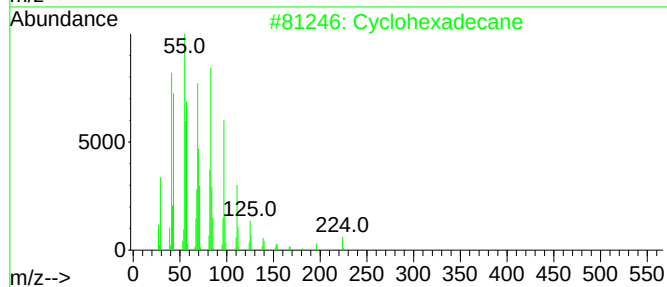
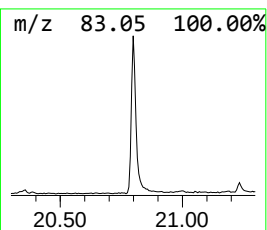
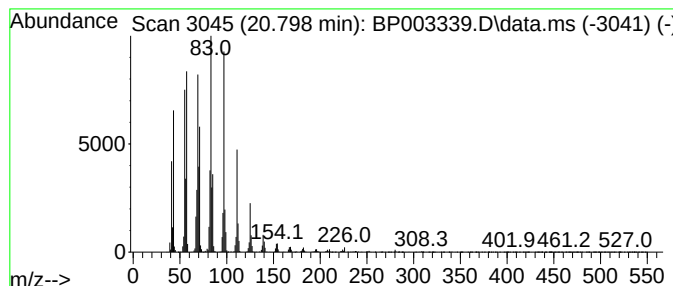
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Cyclohexadecane Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.798 | 6.48 ng | 876039 | Chrysene-d12     | 21.069 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclohexadecane      | 224 | C16H32   | 000295-65-8 | 94   |
| 2    |    |   | n-Nonadecanol-1      | 284 | C19H40O  | 001454-84-8 | 94   |
| 3    |    |   | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94   |
| 4    |    |   | n-Tetracosanol-1     | 354 | C24H50O  | 000506-51-4 | 94   |
| 5    |    |   | Cyclopentadecane     | 210 | C15H30   | 000295-48-7 | 93   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

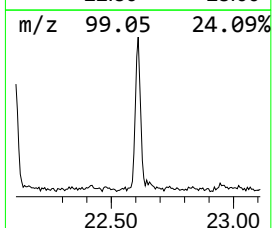
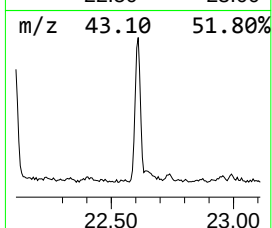
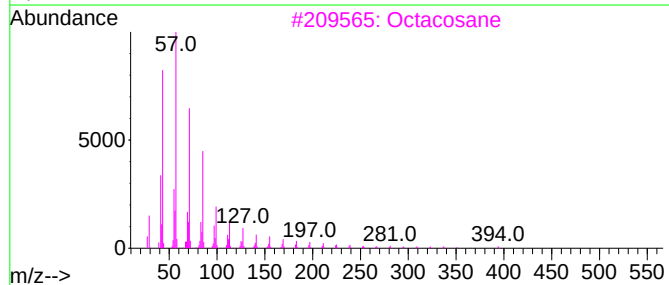
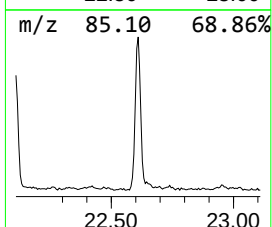
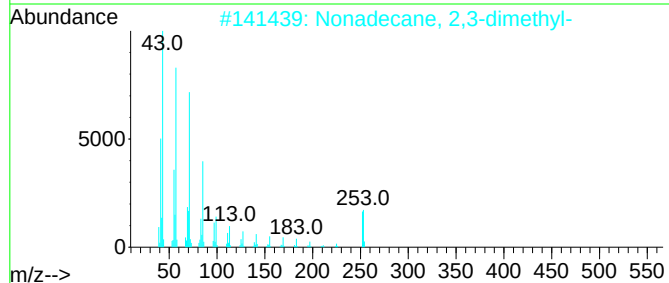
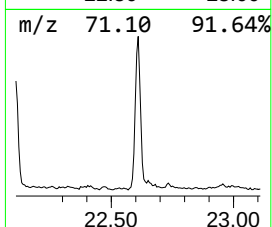
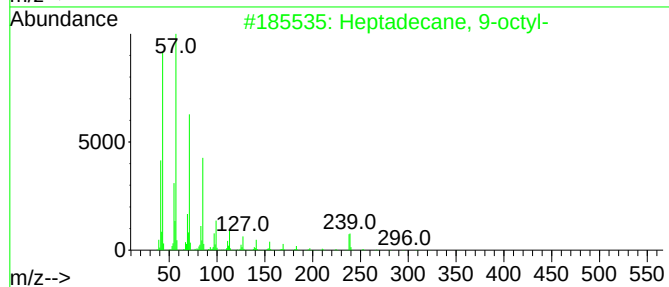
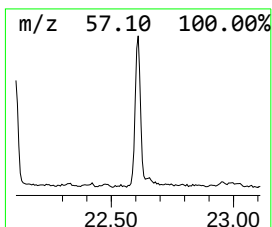
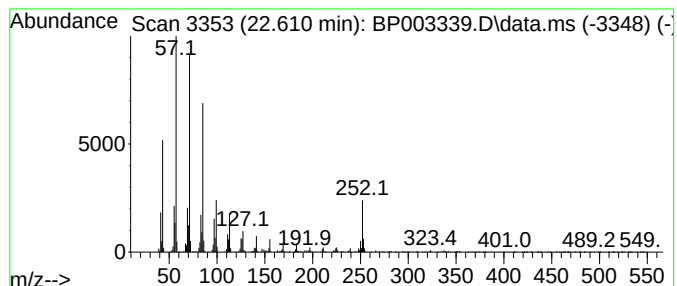
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Heptadecane, 9-octyl- Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 22.610 | 2.76 ng | 375572 | Perylene-d12     | 23.263 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Heptadecane, 9-octyl-     | 352 | C25H52  | 007225-64-1 | 91   |
| 2    |      | Nonadecane, 2,3-dimethyl- | 296 | C21H44  | 075163-99-4 | 91   |
| 3    |      | Octacosane                | 394 | C28H58  | 000630-02-4 | 87   |
| 4    |      | Tetracosane               | 338 | C24H50  | 000646-31-1 | 87   |
| 5    |      | Hexacosane                | 366 | C26H54  | 000630-01-3 | 87   |



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Sample : L4100-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
021

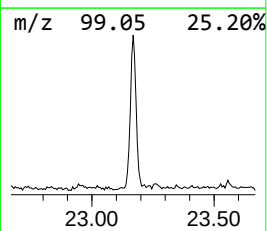
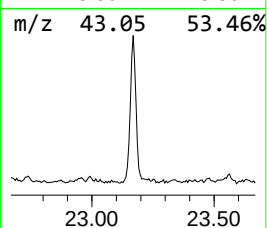
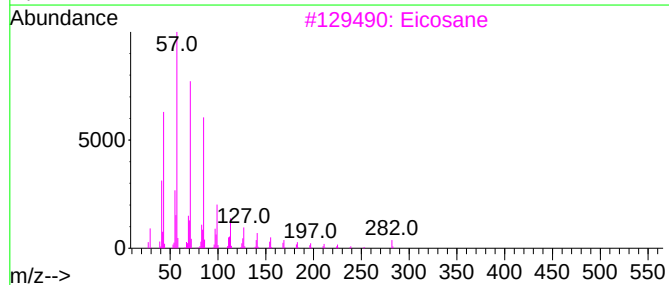
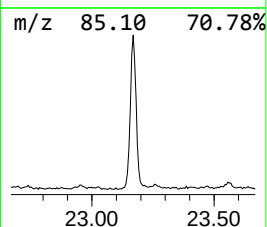
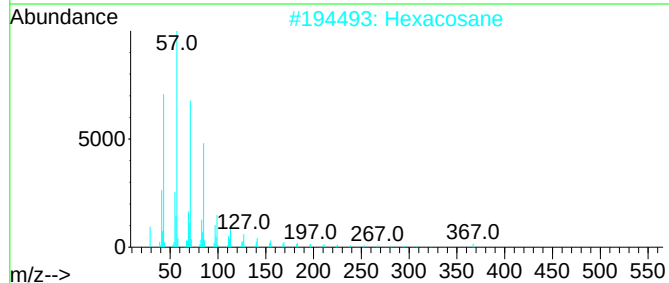
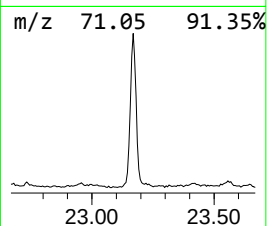
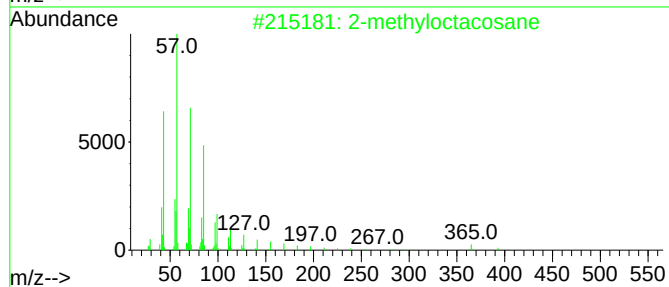
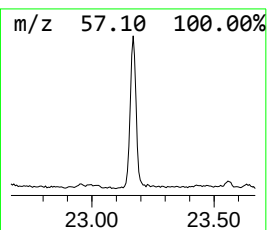
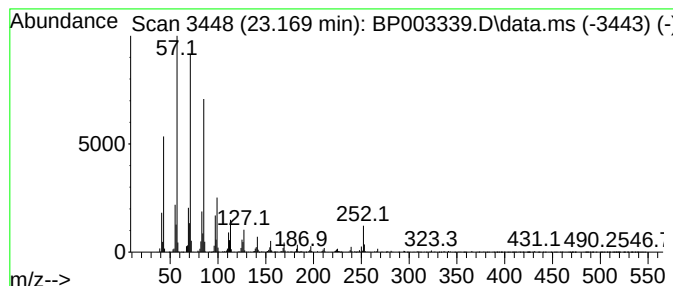
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 2-methyloctacosane Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 23.169 | 3.28 ng | 444917 | Perylene-d12     | 23.263 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-methyloctacosane      | 408 | C29H60  | 1000376-72-8 | 91   |
| 2    |    |   | Hexacosane              | 366 | C26H54  | 000630-01-3  | 91   |
| 3    |    |   | Eicosane                | 282 | C20H42  | 000112-95-8  | 91   |
| 4    |    |   | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6  | 91   |
| 5    |    |   | Docosane, 7-hexyl-      | 394 | C28H58  | 055373-86-9  | 90   |



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Sample : L4100-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

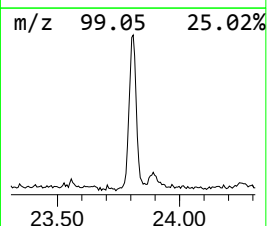
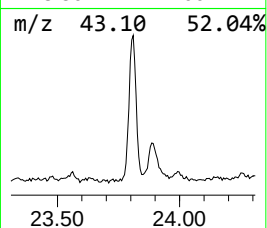
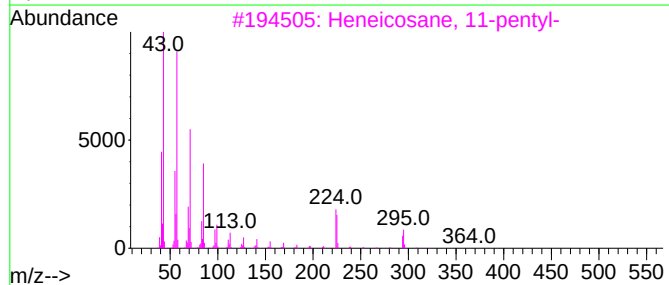
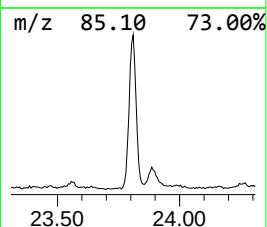
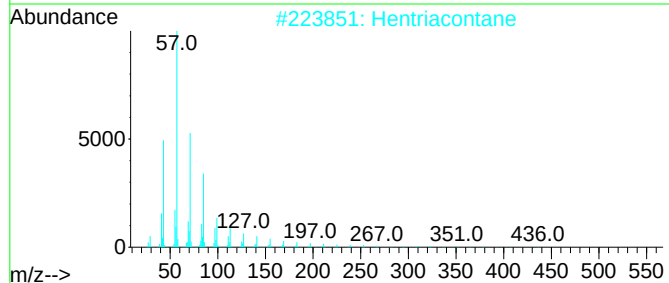
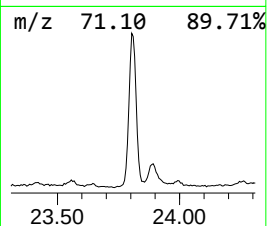
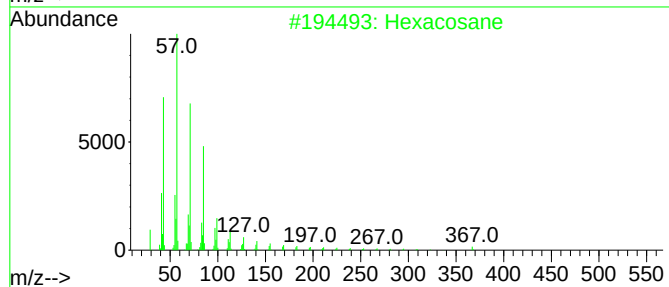
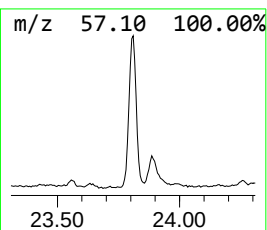
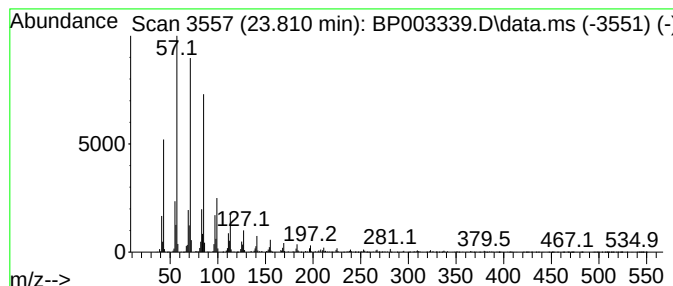
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Hexacosane Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 23.810 | 3.55 ng | 482514 | Perylene-d12     | 23.263 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------|-----|---------|--------------|------|
| 1    |    |   | Hexacosane              | 366 | C26H54  | 000630-01-3  | 91   |
| 2    |    |   | Hentriacontane          | 437 | C31H64  | 000630-04-6  | 90   |
| 3    |    |   | Heneicosane, 11-pentyl- | 366 | C26H54  | 014739-72-1  | 90   |
| 4    |    |   | Triacontane             | 422 | C30H62  | 000638-68-6  | 87   |
| 5    |    |   | 2-methyloctacosane      | 408 | C29H60  | 1000376-72-8 | 87   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

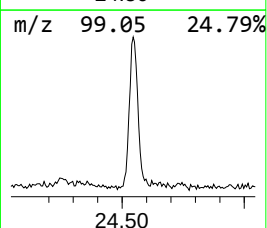
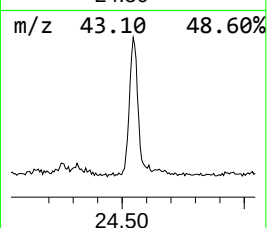
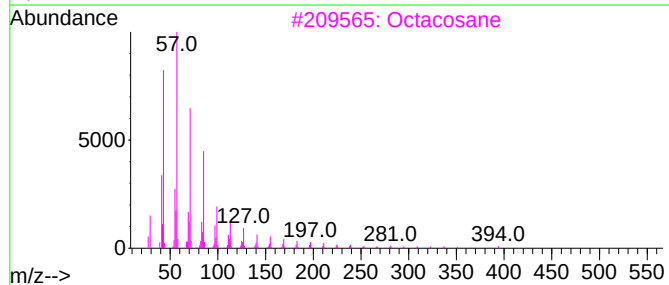
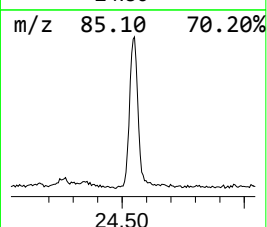
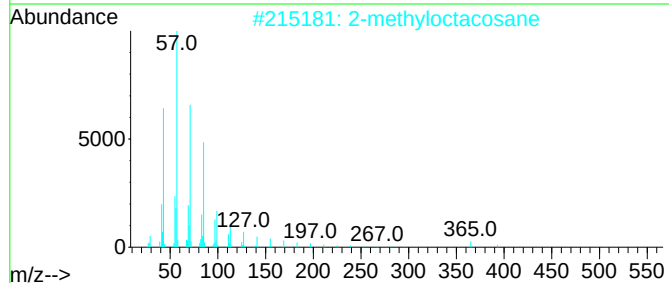
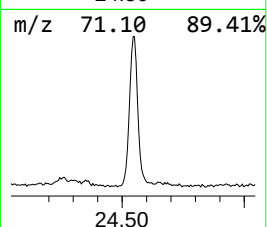
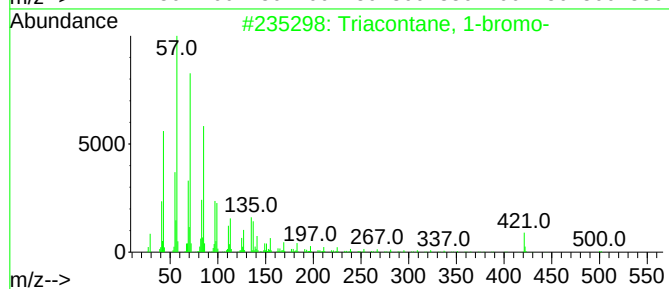
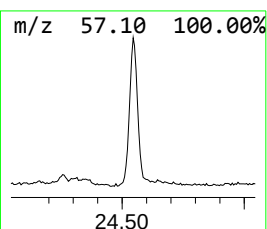
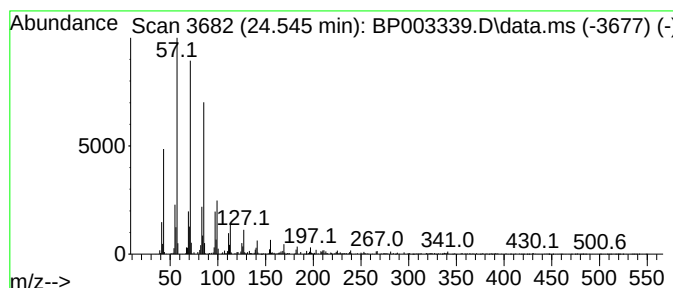
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Triacontane, 1-bromo- Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 24.545 | 2.30 ng | 311889 | Perylene-d12     | 23.263 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------|-----|----------|--------------|------|
| 1    |    |   | Triacontane, 1-bromo-   | 500 | C30H61Br | 004209-22-7  | 91   |
| 2    |    |   | 2-methyloctacosane      | 408 | C29H60   | 1000376-72-8 | 90   |
| 3    |    |   | Octacosane              | 394 | C28H58   | 000630-02-4  | 87   |
| 4    |    |   | Tetratetracontane       | 619 | C44H90   | 007098-22-8  | 83   |
| 5    |    |   | 1-Iodo-2-methylundecane | 296 | C12H25I  | 073105-67-6  | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092220\  
Data File : BP003339.D  
Acq On : 22 Sep 2020 15:14  
Operator : CG/JU  
Sample : L4100-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Cyclohexadecane    | 20.798 | 6.5     | ng    | 876039   | 5                     | 21.069 | 2702120 | 20.0 |
| Heptadecane, 9-... | 22.610 | 2.8     | ng    | 375572   | 6                     | 23.263 | 2716910 | 20.0 |
| 2-methyloctacosane | 23.169 | 3.3     | ng    | 444917   | 6                     | 23.263 | 2716910 | 20.0 |
| Hexacosane         | 23.810 | 3.5     | ng    | 482514   | 6                     | 23.263 | 2716910 | 20.0 |
| Triacotane, 1-...  | 24.545 | 2.3     | ng    | 311889   | 6                     | 23.263 | 2716910 | 20.0 |