

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101521\  
 Data File : BG050604.D  
 Acq On : 15 Oct 2021 15:19  
 Operator : CG/JU  
 Sample : PB139918BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB139918BL

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\_G\Methods\8270-BG100621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050604.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         | 5.792       | 385           | 392         | 402          | rBV      | 970074         | 1604685       | 45.58%          | 10.191%       |
| 2         | 7.402       | 657           | 666         | 681          | rBV      | 931390         | 1696173       | 48.18%          | 10.772%       |
| 3         | 8.254       | 804           | 811         | 820          | rVB      | 156733         | 274833        | 7.81%           | 1.745%        |
| 4         | 9.429       | 1003          | 1011        | 1020         | rBV      | 591861         | 1074688       | 30.52%          | 6.825%        |
| 5         | 11.080      | 1284          | 1292        | 1302         | rBV      | 211893         | 396245        | 11.25%          | 2.516%        |
| 6         | 13.501      | 1696          | 1704        | 1711         | rBV      | 1383469        | 2244782       | 63.76%          | 14.256%       |
| 7         | 14.876      | 1928          | 1938        | 1945         | rBV      | 337510         | 544777        | 15.47%          | 3.460%        |
| 8         | 16.356      | 2183          | 2190        | 2205         | rBV      | 1009650        | 1650454       | 46.88%          | 10.481%       |
| 9         | 17.620      | 2398          | 2405        | 2417         | rVB      | 456626         | 708871        | 20.13%          | 4.502%        |
| 10        | 20.205      | 2839          | 2845        | 2852         | rBV      | 2596633        | 3520694       | 100.00%         | 22.358%       |
| 11        | 21.914      | 3129          | 3136        | 3145         | rVB2     | 407447         | 717971        | 20.39%          | 4.560%        |
| 12        | 24.318      | 3539          | 3545        | 3556         | rVB3     | 37010          | 97946         | 2.78%           | 0.622%        |
| 13        | 25.334      | 3706          | 3718        | 3732         | rVB2     | 269948         | 819924        | 23.29%          | 5.207%        |
| 14        | 26.544      | 3915          | 3924        | 3935         | rVB3     | 41349          | 130316        | 3.70%           | 0.828%        |
| 15        | 27.996      | 4161          | 4171        | 4182         | rVB5     | 34057          | 123343        | 3.50%           | 0.783%        |
| 16        | 29.752      | 4460          | 4470        | 4484         | rVB7     | 24451          | 99608         | 2.83%           | 0.633%        |
| 17        | 31.879      | 4821          | 4832        | 4833         | rBV7     | 15015          | 41380         | 1.18%           | 0.263%        |

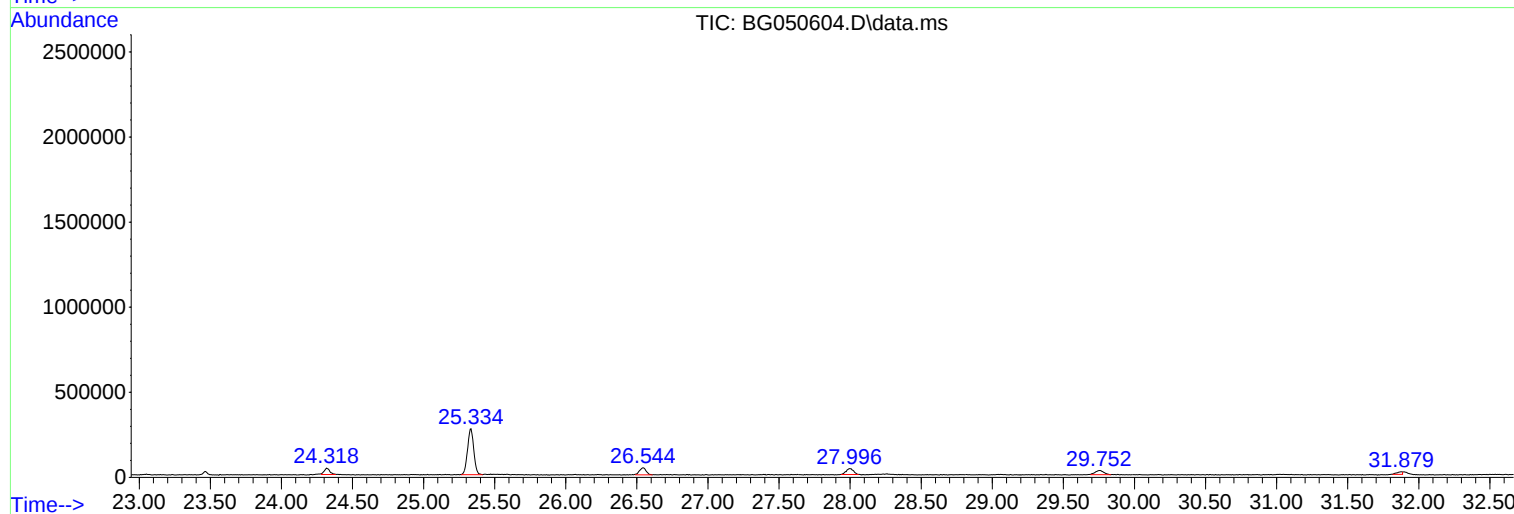
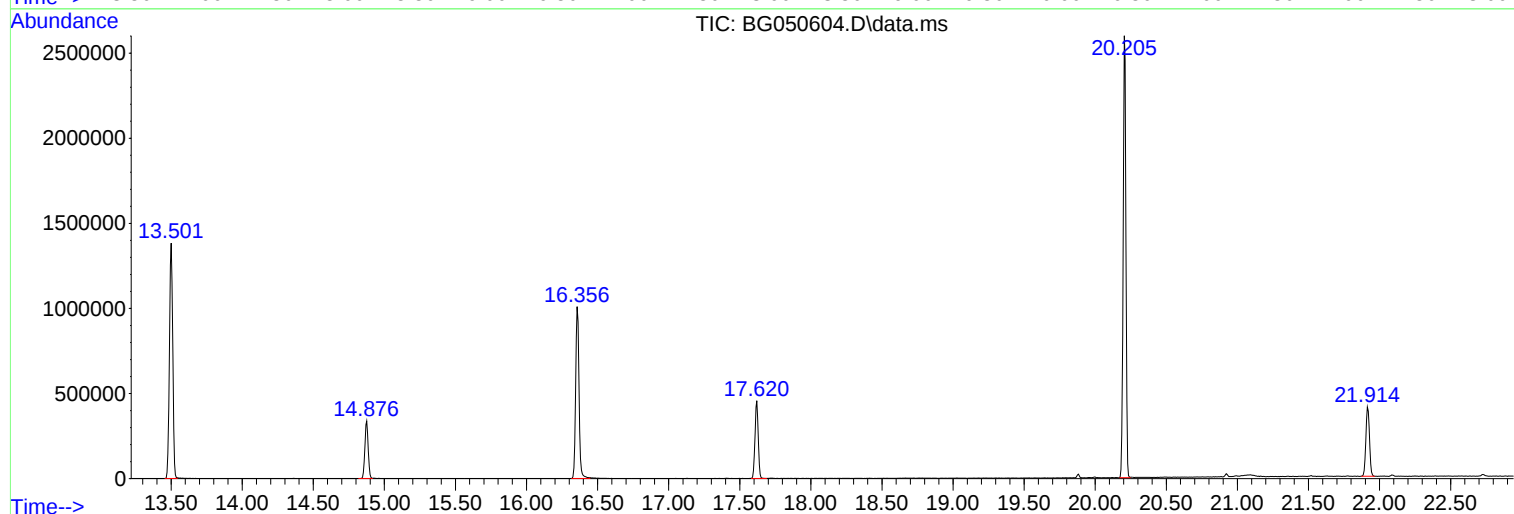
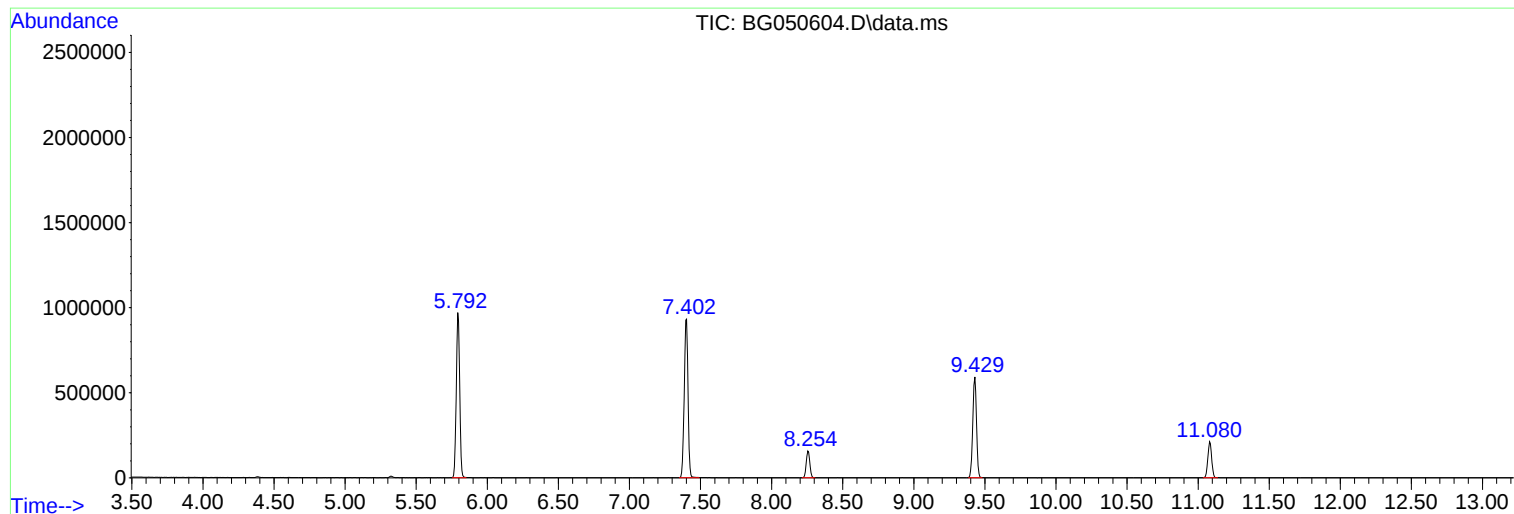
Sum of corrected areas: 15746690

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101521\  
Data File : BG050604.D  
Acq On : 15 Oct 2021 15:19  
Operator : CG/JU  
Sample : PB139918BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB139918BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101521\  
Data File : BG050604.D  
Acq On : 15 Oct 2021 15:19  
Operator : CG/JU  
Sample : PB139918BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB139918BL

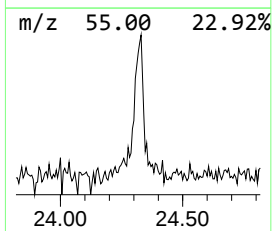
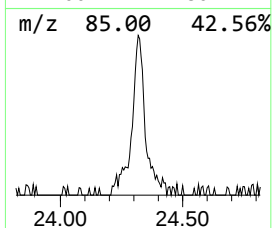
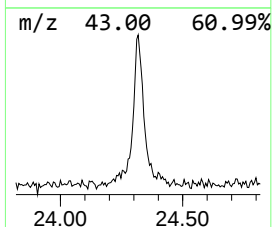
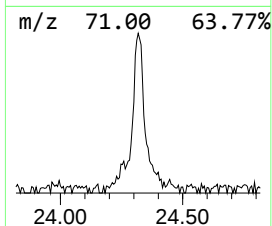
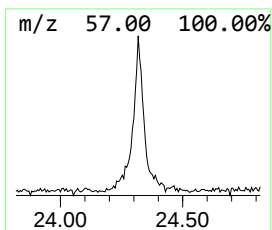
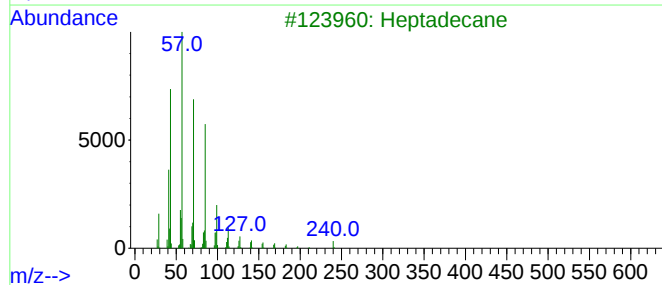
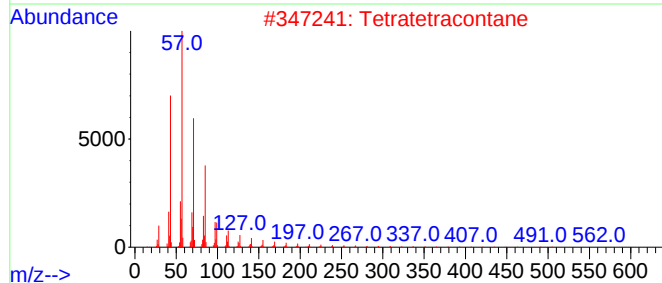
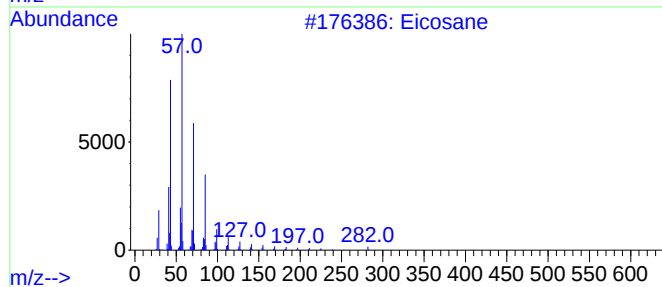
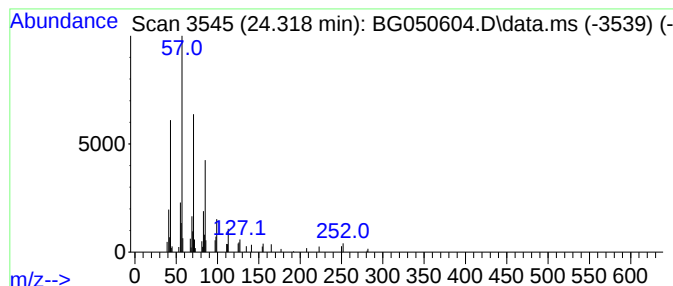
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Tetratetracontane Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 24.318 | 2.39 ng | 97946 | Perylene-d12     | 25.328 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane          | 282 | C20H42  | 000112-95-8 | 90   |
| 2    |    |   | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 83   |
| 3    |    |   | Heptadecane       | 240 | C17H36  | 000629-78-7 | 83   |
| 4    |    |   | Heneicosane       | 296 | C21H44  | 000629-94-7 | 83   |
| 5    |    |   | Octadecane        | 254 | C18H38  | 000593-45-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101521\  
Data File : BG050604.D  
Acq On : 15 Oct 2021 15:19  
Operator : CG/JU  
Sample : PB139918BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB139918BL

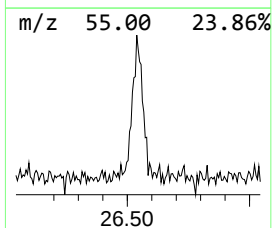
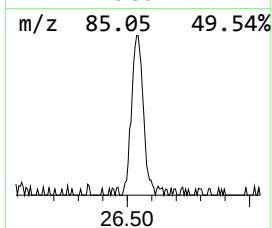
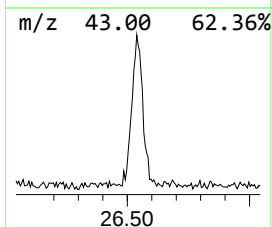
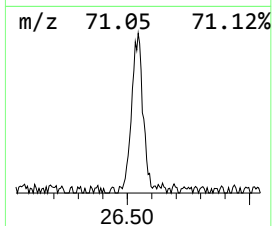
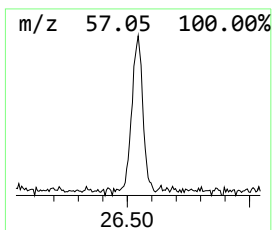
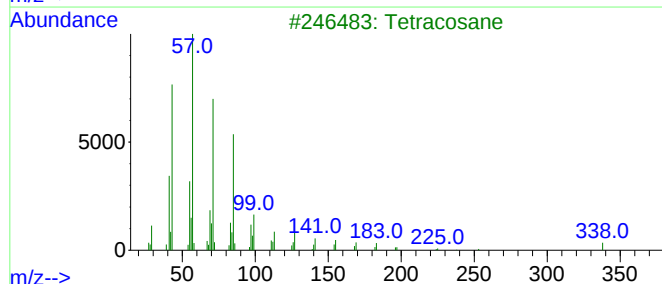
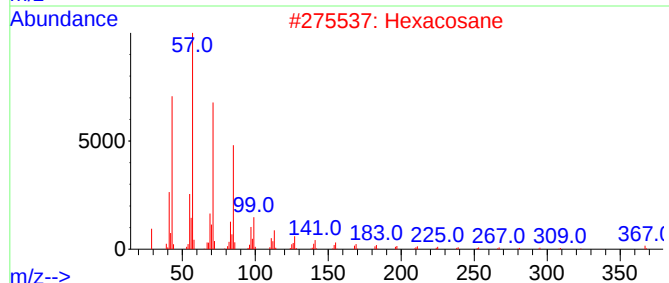
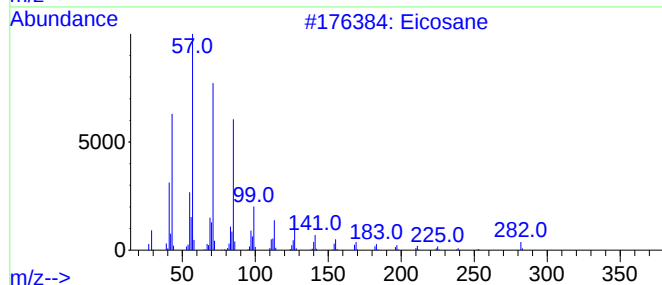
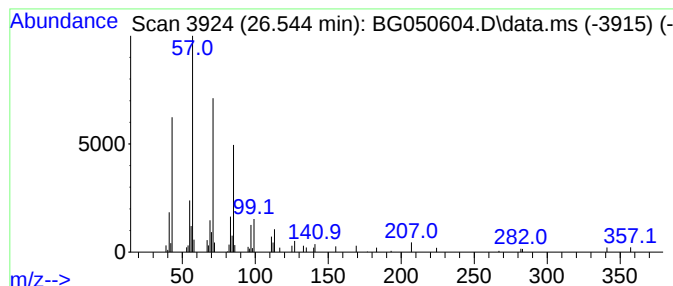
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Eicosane Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 26.544 | 3.18 ng | 130316 | Perylene-d12     | 25.328 |

| Hit# | of          | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------|---|--------------|-----|---------|-------------|------|
| 1    | Eicosane    |   |              | 282 | C20H42  | 000112-95-8 | 94   |
| 2    | Hexacosane  |   |              | 366 | C26H54  | 000630-01-3 | 87   |
| 3    | Tetracosane |   |              | 338 | C24H50  | 000646-31-1 | 87   |
| 4    | Heneicosane |   |              | 296 | C21H44  | 000629-94-7 | 87   |
| 5    | Pentacosane |   |              | 352 | C25H52  | 000629-99-2 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101521\  
Data File : BG050604.D  
Acq On : 15 Oct 2021 15:19  
Operator : CG/JU  
Sample : PB139918BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB139918BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

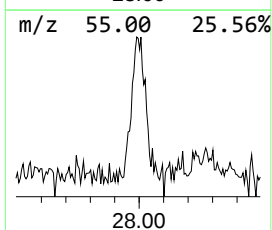
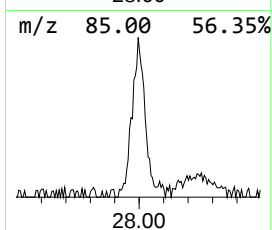
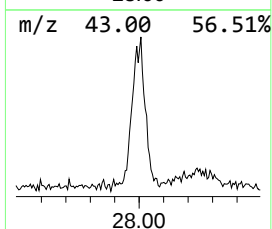
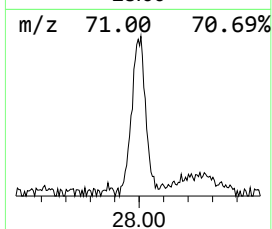
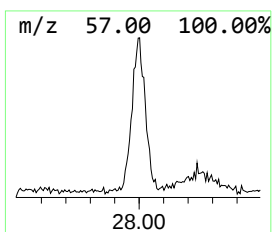
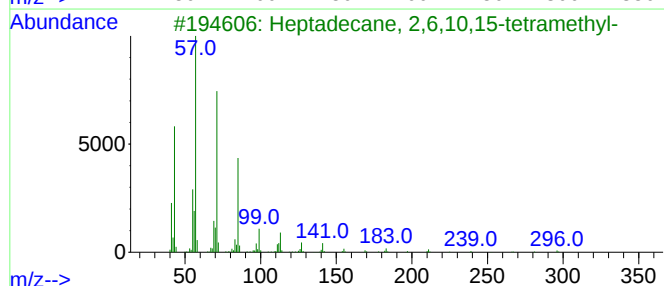
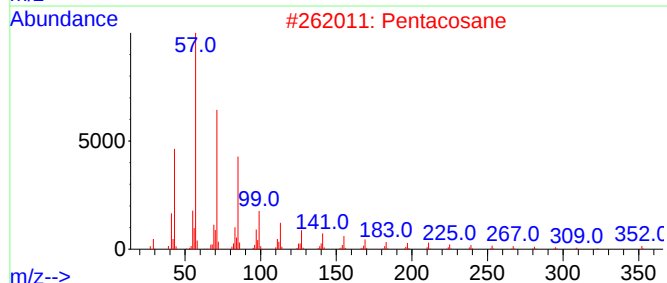
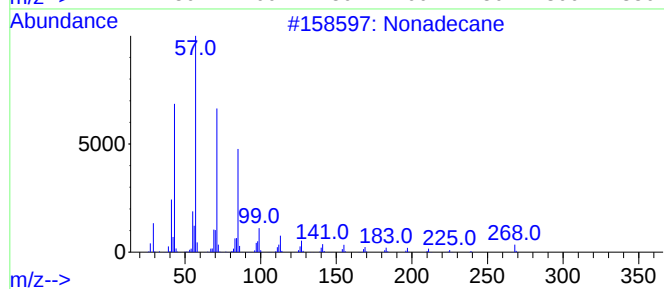
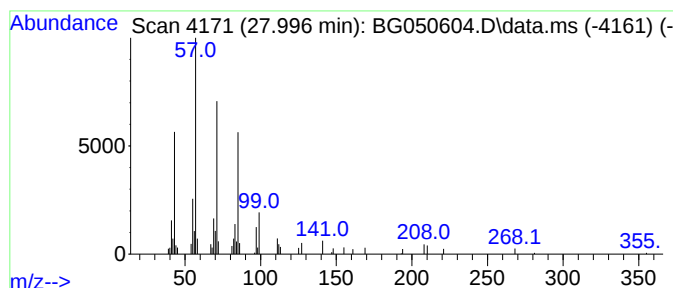
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 Nonadecane Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 27.996 | 3.01 ng | 123343 | Perylene-d12     | 25.328 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 81   |
| 2    |    |   | Pentacosane                         | 352 | C25H52  | 000629-99-2 | 80   |
| 3    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 72   |
| 4    |    |   | Tetratetracontane                   | 619 | C44H90  | 007098-22-8 | 58   |
| 5    |    |   | Octacosane                          | 394 | C28H58  | 000630-02-4 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101521\  
Data File : BG050604.D  
Acq On : 15 Oct 2021 15:19  
Operator : CG/JU  
Sample : PB139918BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB139918BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

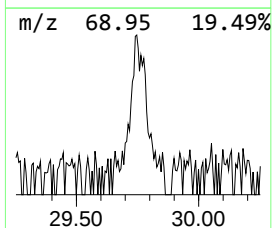
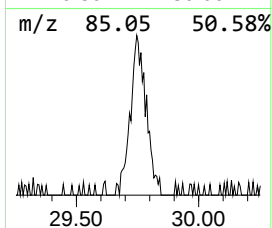
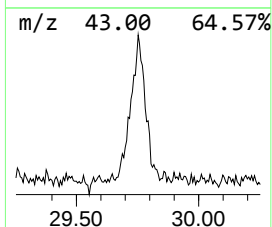
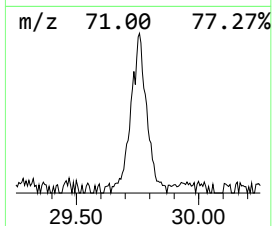
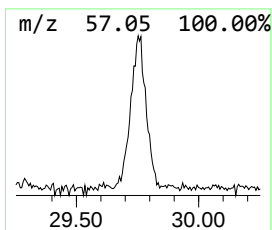
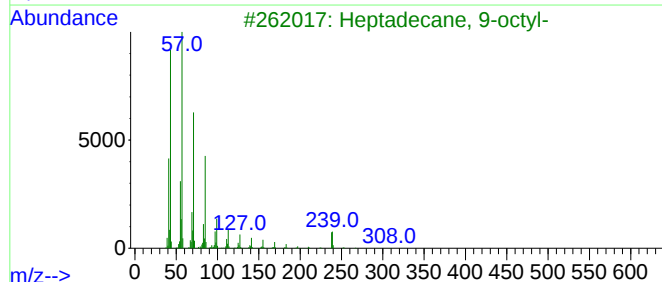
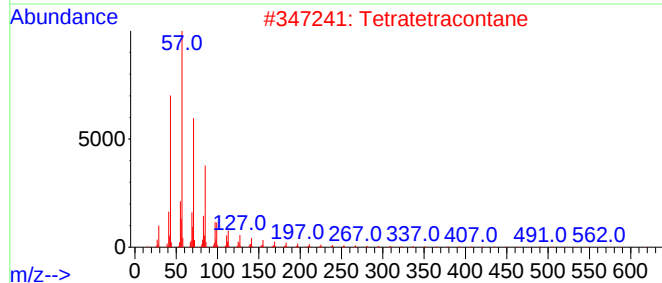
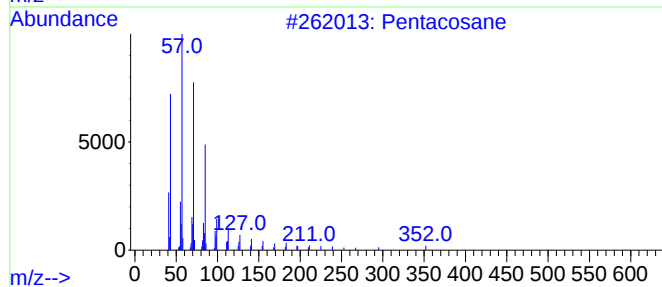
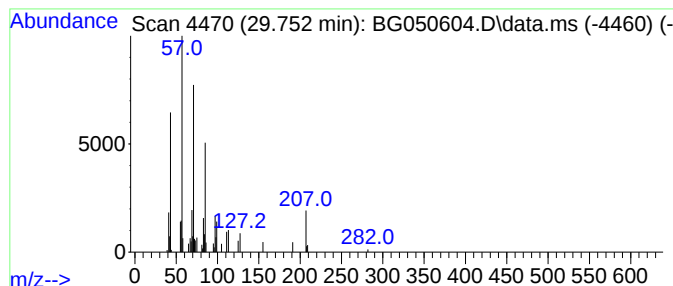
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 4 Pentacosane Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 29.752 | 2.43 ng | 99608 | Perylene-d12     | 25.328 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Pentacosane           | 352 | C25H52  | 000629-99-2 | 83   |
| 2    |    |   | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 83   |
| 3    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 80   |
| 4    |    |   | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 80   |
| 5    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101521\  
Data File : BG050604.D  
Acq On : 15 Oct 2021 15:19  
Operator : CG/JU  
Sample : PB139918BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB139918BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name  | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|-------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                   |        |         |       |          | #                     | RT     | Resp   | Conc |
| Tetratetracontane | 24.318 | 2.4     | ng    | 97946    | 6                     | 25.328 | 819924 | 20.0 |
| Eicosane          | 26.544 | 3.2     | ng    | 130316   | 6                     | 25.328 | 819924 | 20.0 |
| Nonadecane        | 27.996 | 3.0     | ng    | 123343   | 6                     | 25.328 | 819924 | 20.0 |
| Pentacosane       | 29.752 | 2.4     | ng    | 99608    | 6                     | 25.328 | 819924 | 20.0 |