

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062719\  
 Data File : BF115251.D  
 Acq On : 27 Jun 2019 23:07  
 Operator : HP/JU  
 Sample : K3528-10  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10-COMP

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\_F\METHODS\8270-BF062119.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         | 4.425       | 418           | 423         | 431          | rVB      | 111773         | 137008        | 2.58%           | 0.301%        |
| 2         | 5.189       | 548           | 553         | 556          | rBV      | 4090624        | 4055213       | 76.28%          | 8.898%        |
| 3         | 6.236       | 725           | 731         | 734          | rBV      | 4062912        | 4240430       | 79.76%          | 9.304%        |
| 4         | 6.266       | 734           | 736         | 748          | rVB      | 101031         | 92199         | 1.73%           | 0.202%        |
| 5         | 6.360       | 748           | 752         | 756          | rBV      | 4412595        | 4404770       | 82.85%          | 9.665%        |
| 6         | 6.595       | 788           | 792         | 795          | rBV      | 1660680        | 1283224       | 24.14%          | 2.816%        |
| 7         | 6.754       | 815           | 819         | 822          | rBV      | 4048529        | 3494449       | 65.73%          | 7.667%        |
| 8         | 7.154       | 882           | 887         | 890          | rBV      | 3064757        | 2700981       | 50.80%          | 5.926%        |
| 9         | 7.878       | 1006          | 1010        | 1013         | rBV      | 1804418        | 1633154       | 30.72%          | 3.583%        |
| 10        | 8.954       | 1188          | 1193        | 1196         | rBV      | 5820589        | 4890420       | 91.99%          | 10.730%       |
| 11        | 9.348       | 1256          | 1260        | 1266         | rBV      | 612362         | 535554        | 10.07%          | 1.175%        |
| 12        | 9.619       | 1302          | 1306        | 1310         | rBV      | 2239800        | 1869423       | 35.16%          | 4.102%        |
| 13        | 10.401      | 1435          | 1439        | 1442         | rBV      | 2658413        | 2271169       | 42.72%          | 4.983%        |
| 14        | 11.089      | 1552          | 1556        | 1560         | rBV      | 2467788        | 2026058       | 38.11%          | 4.446%        |
| 15        | 12.677      | 1821          | 1826        | 1829         | rBV      | 5789617        | 5316529       | 100.00%         | 11.665%       |
| 16        | 13.601      | 1979          | 1983        | 1985         | rBV2     | 91892          | 116114        | 2.18%           | 0.255%        |
| 17        | 13.707      | 1997          | 2001        | 2012         | rVB      | 2349515        | 2165188       | 40.73%          | 4.751%        |
| 18        | 13.912      | 2033          | 2036        | 2040         | rBV      | 87780          | 75364         | 1.42%           | 0.165%        |
| 19        | 14.218      | 2084          | 2088        | 2092         | rBV      | 141472         | 131330        | 2.47%           | 0.288%        |
| 20        | 14.507      | 2134          | 2137        | 2142         | rBV      | 204519         | 195419        | 3.68%           | 0.429%        |
| 21        | 14.577      | 2145          | 2149        | 2152         | rBV      | 125039         | 116488        | 2.19%           | 0.256%        |
| 22        | 14.806      | 2184          | 2188        | 2194         | rBV      | 259281         | 271721        | 5.11%           | 0.596%        |
| 23        | 15.065      | 2227          | 2232        | 2241         | rBV      | 1805488        | 2089658       | 39.30%          | 4.585%        |
| 24        | 15.142      | 2241          | 2245        | 2251         | rVB      | 249723         | 300436        | 5.65%           | 0.659%        |
| 25        | 15.518      | 2304          | 2309        | 2315         | rBV      | 212264         | 292331        | 5.50%           | 0.641%        |
| 26        | 15.953      | 2378          | 2383        | 2394         | rVB      | 134285         | 229494        | 4.32%           | 0.504%        |
| 27        | 16.465      | 2465          | 2470        | 2478         | rVB2     | 65822          | 122854        | 2.31%           | 0.270%        |
| 28        | 17.065      | 2567          | 2572        | 2580         | rVB3     | 44268          | 94174         | 1.77%           | 0.207%        |
| 29        | 18.618      | 2829          | 2836        | 2848         | rVB5     | 151115         | 423883        | 7.97%           | 0.930%        |

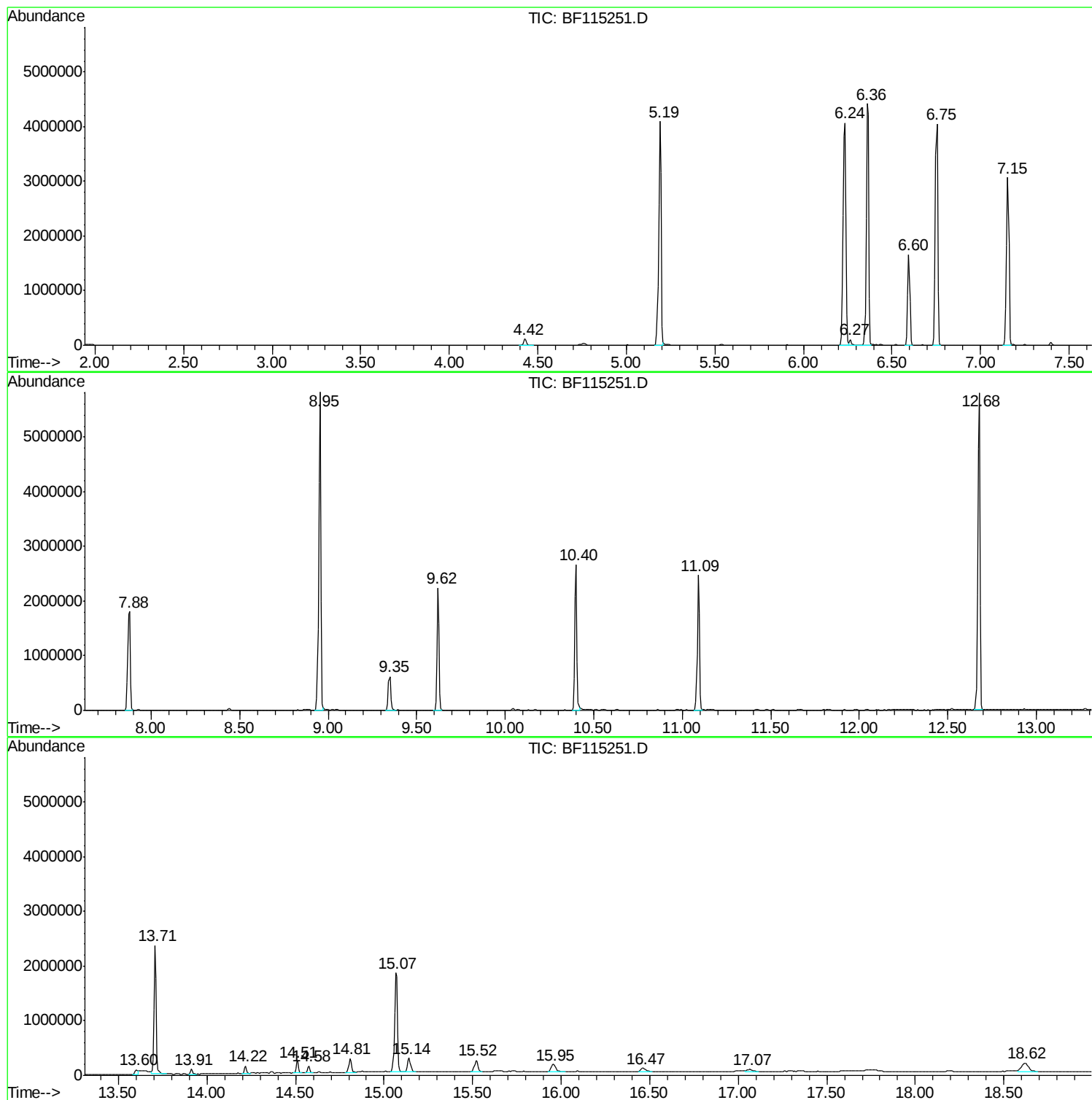
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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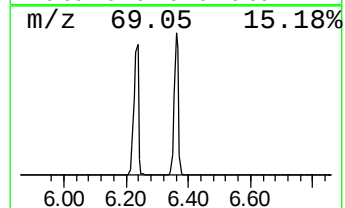
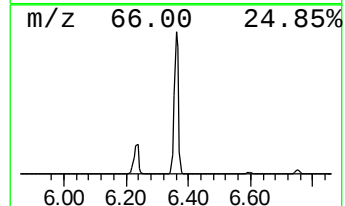
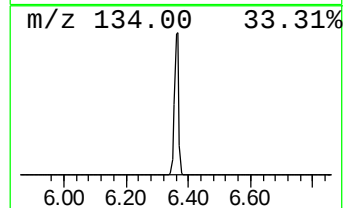
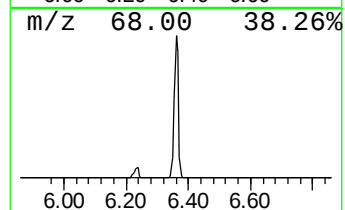
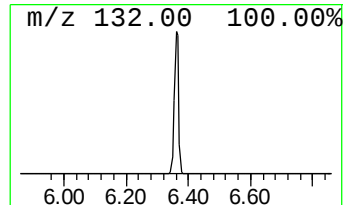
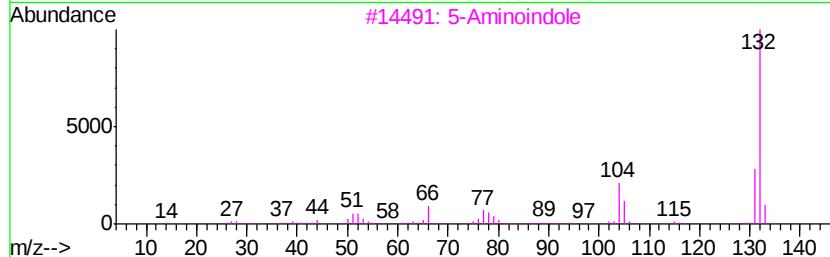
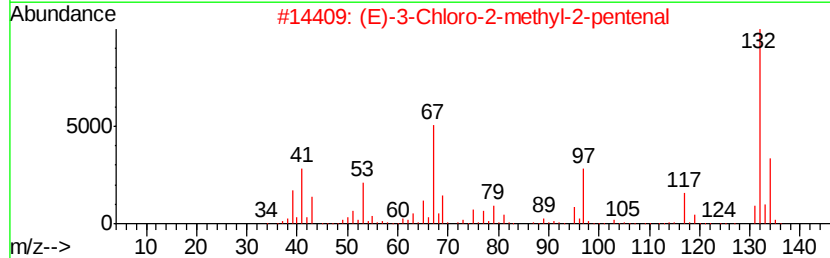
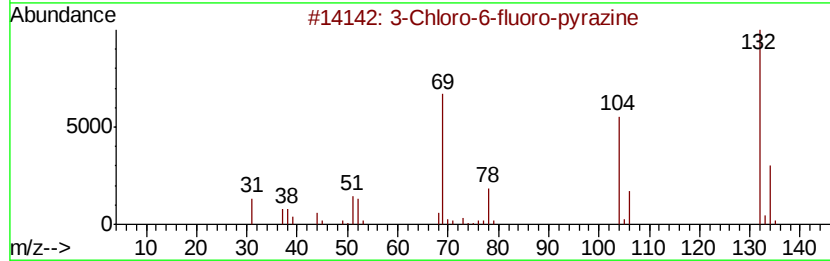
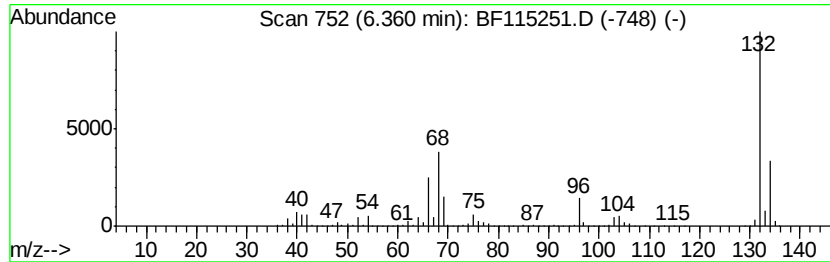
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown-01 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.36 | 68.65 ng | 4404770 | 1,4-Dichlorobenzene-d4 | 6.60 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 10   |



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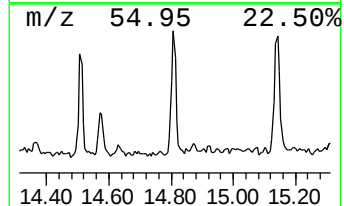
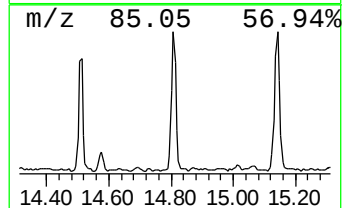
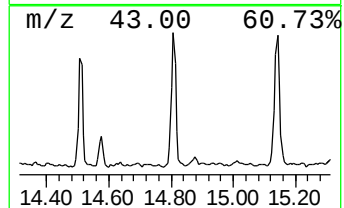
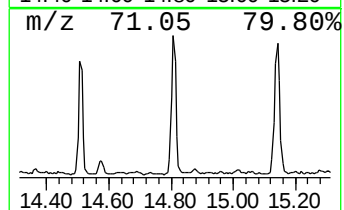
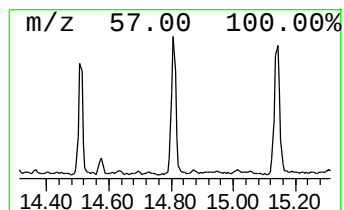
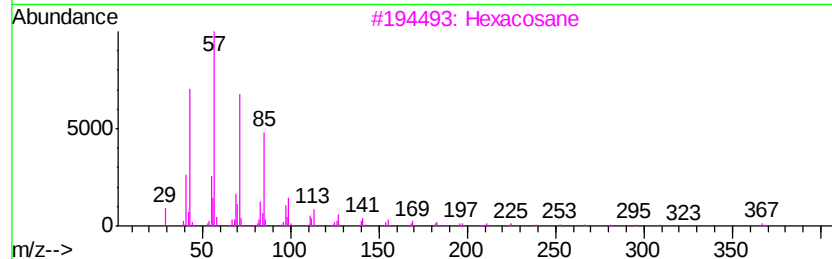
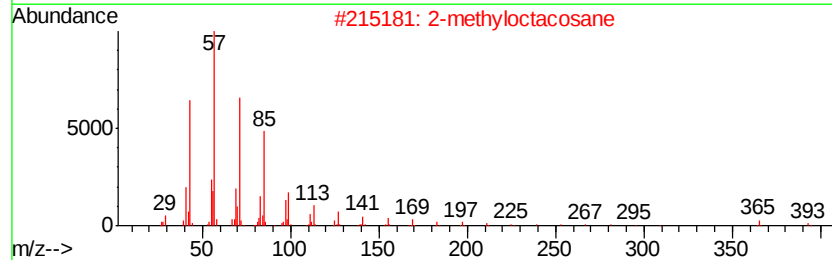
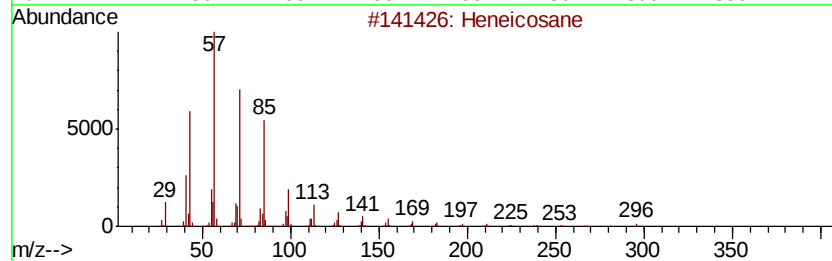
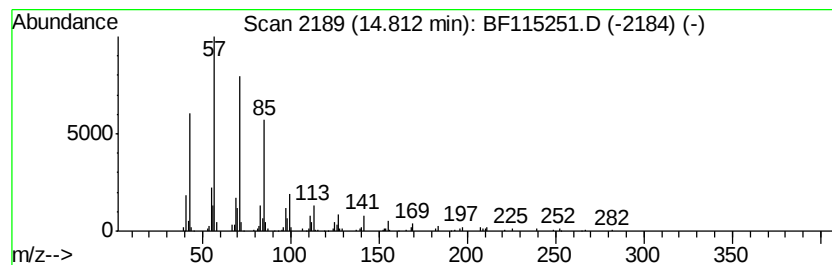
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Heneicosane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.81 | 2.60 ng | 271721 | Perylene-d12     | 15.07 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 2    |    | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    | Hexacosane            | 366 | C26H54  | 000630-01-3  | 91   |
| 4    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |
| 5    |    | Heptadecane           | 240 | C17H36  | 000629-78-7  | 91   |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

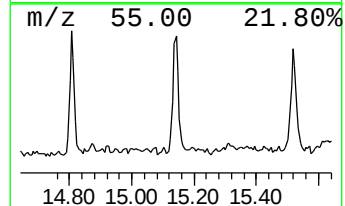
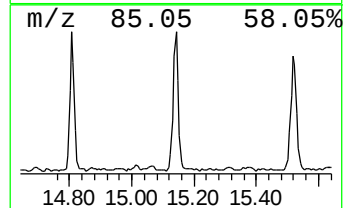
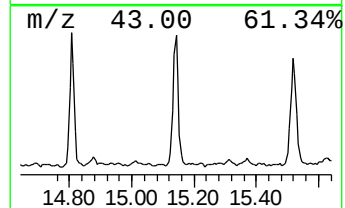
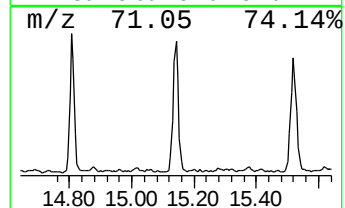
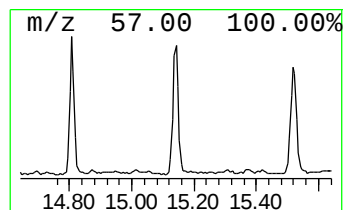
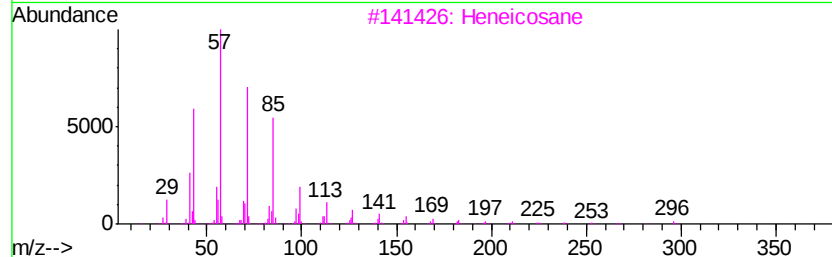
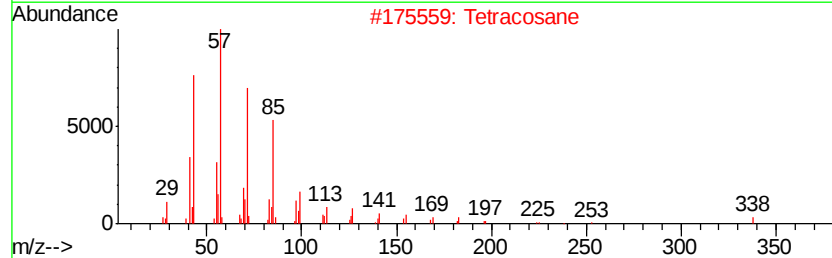
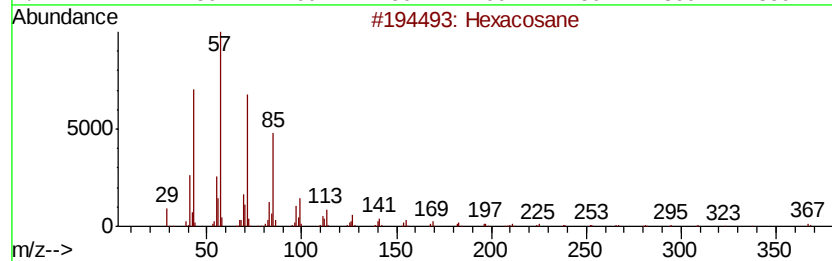
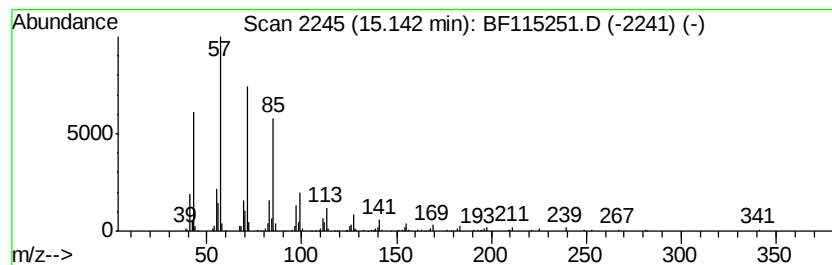
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Hexacosane Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.14 | 2.88 ng | 300436 | Perylene-d12     | 15.07 |

| Hit# of | 5                      | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------------|--------------|-----|---------|-------------|------|
| 1       | Hexacosane             |              | 366 | C26H54  | 000630-01-3 | 94   |
| 2       | Tetracosane            |              | 338 | C24H50  | 000646-31-1 | 91   |
| 3       | Heneicosane            |              | 296 | C21H44  | 000629-94-7 | 91   |
| 4       | Tetracosane, 11-decyl- |              | 479 | C34H70  | 055429-84-0 | 91   |
| 5       | Docosane, 7-hexyl-     |              | 394 | C28H58  | 055373-86-9 | 91   |



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ALS Vial : 12 Sample Multiplier: 1

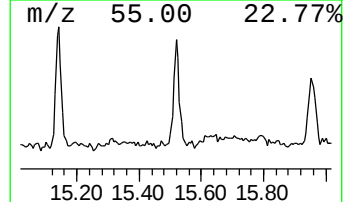
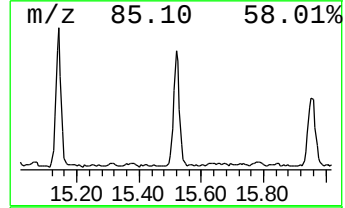
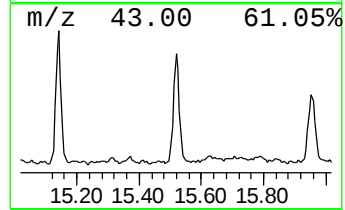
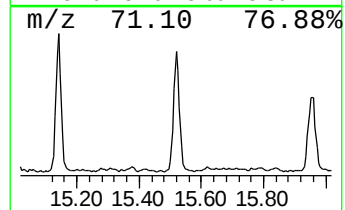
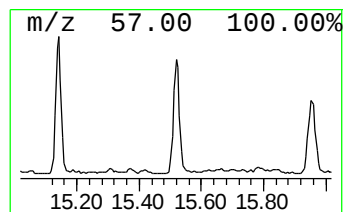
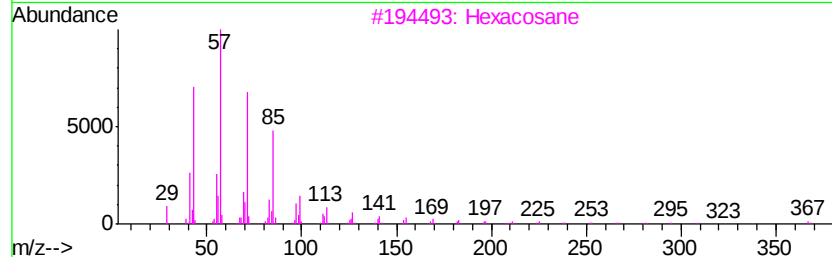
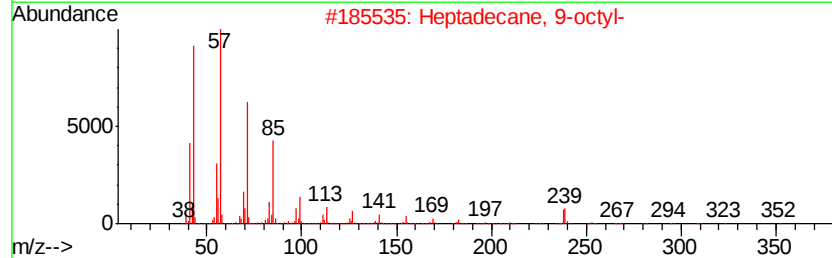
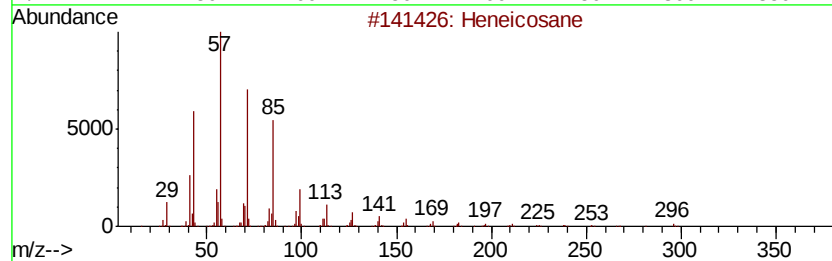
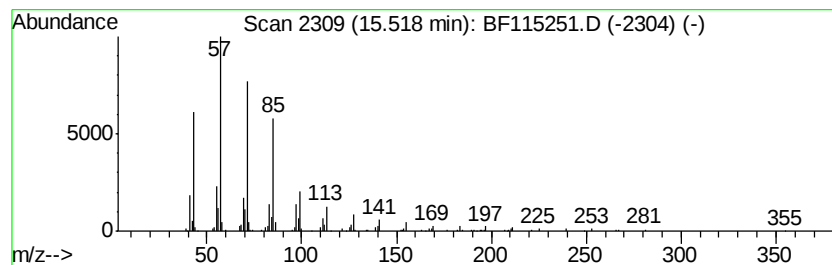
Instrument :  
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Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 5

| R.T.      | EstConc               | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|--------|------------------|-------------|------|
| 15.52     | 2.80 ng               | 292331 | Perylene-d12     | 15.07       |      |
| Hit# of 5 | Tentative ID          | MW     | MolForm          | CAS#        | Qual |
| 1         | Heneicosane           | 296    | C21H44           | 000629-94-7 | 91   |
| 2         | Heptadecane, 9-octyl- | 352    | C25H52           | 007225-64-1 | 91   |
| 3         | Hexacosane            | 366    | C26H54           | 000630-01-3 | 90   |
| 4         | Hexadecane, 1-iodo-   | 352    | C16H33I          | 000544-77-4 | 90   |
| 5         | Triacontane           | 422    | C30H62           | 000638-68-6 | 90   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

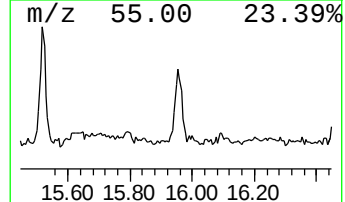
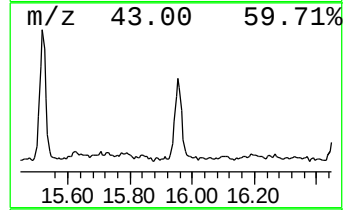
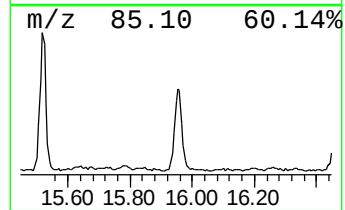
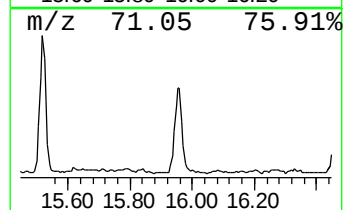
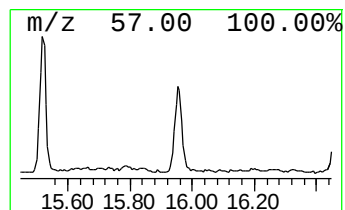
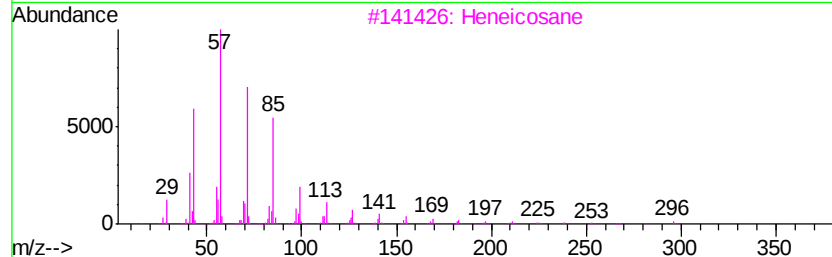
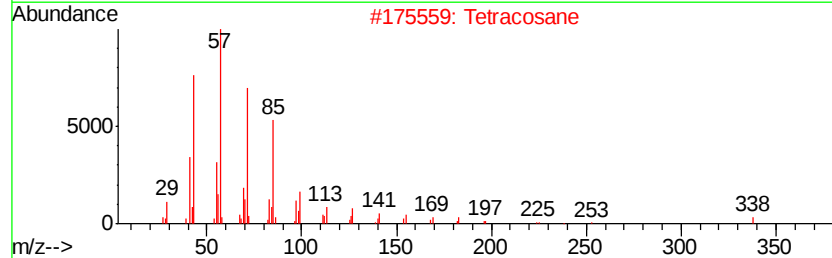
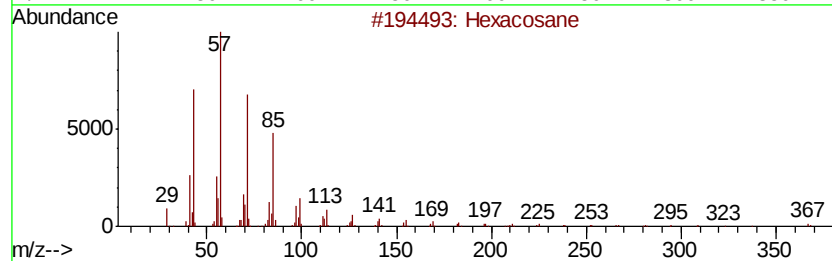
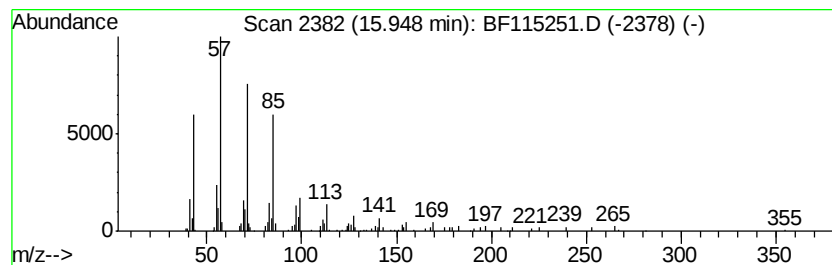
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 7 Tetracosane Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.95 | 2.20 ng | 229494 | Perylene-d12     | 15.07 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Hexacosane         | 366 | C26H54  | 000630-01-3  | 94   |
| 2    |    | Tetracosane        | 338 | C24H50  | 000646-31-1  | 94   |
| 3    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |    | Eicosane           | 282 | C20H42  | 000112-95-8  | 91   |
| 5    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\  
Data File : BF115251.D  
Acq On : 27 Jun 2019 23:07  
Operator : HP/JU  
Sample : K3528-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

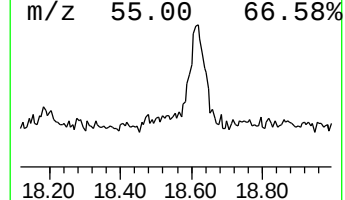
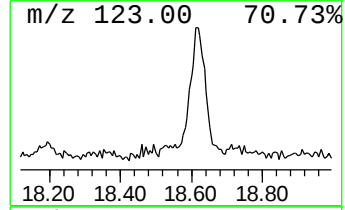
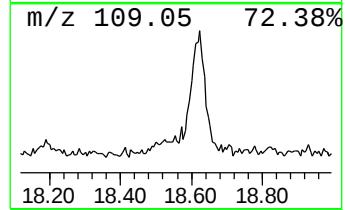
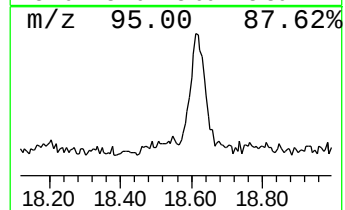
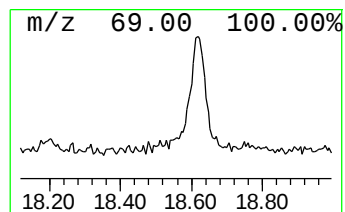
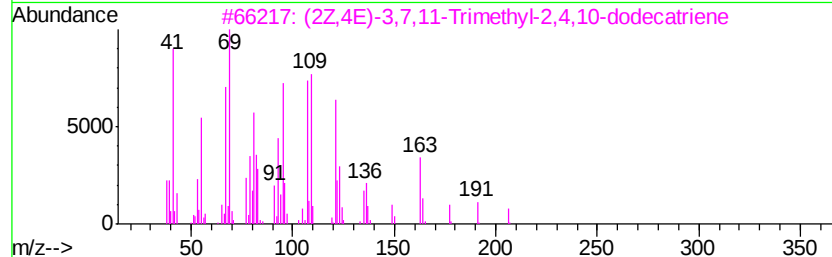
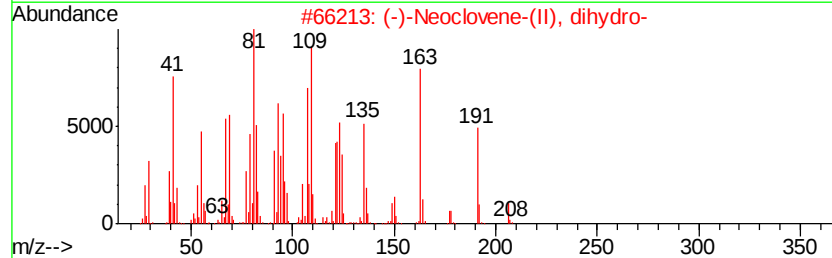
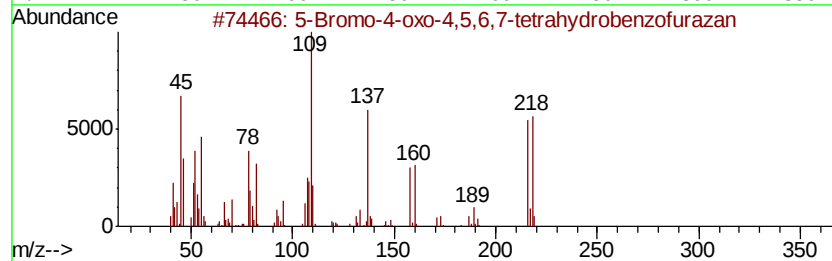
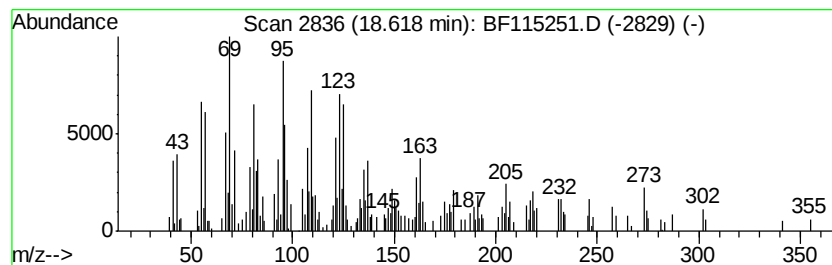
Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.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 8 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 3

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.         |      |      |
|---------|-------------------------------------|--------------|------------------|--------------|------|------|
| 18.62   | 4.06 ng                             | 423883       | Perylene-d12     | 15.07        |      |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm      | CAS# | Qual |
| 1       | 5-Bromo-4-oxo-4,5,6,7-tetrahydro... | 216          | C6H5BrN2O2       | 300574-36-1  | 59   |      |
| 2       | (-)-Neoclovene-(II), dihydro-       | 206          | C15H26           | 1000152-83-6 | 35   |      |
| 3       | (2Z,4E)-3,7,11-Trimethyl-2,4,10-... | 206          | C15H26           | 172549-29-0  | 30   |      |
| 4       | 2,2,6-Trimethyl-1-(2-methyl-cycl... | 218          | C15H22O          | 1000188-72-8 | 30   |      |
| 5       | 3(4H)-Phenanthrenone, 4a,4b,5,6,... | 246          | C17H26O          | 057684-12-5  | 30   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062719\  
Data File : BF115251.D  
Acq On : 27 Jun 2019 23:07  
Operator : HP/JU  
Sample : K3528-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062119.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 |
| unknown-01           | 6.36  | 68.7    | ng    | 4404770  | 1                     | 6.60  | 1283220 | 20.0 |
| Heneicosane          | 14.81 | 2.6     | ng    | 271721   | 6                     | 15.07 | 2089660 | 20.0 |
| Hexacosane           | 15.14 | 2.9     | ng    | 300436   | 6                     | 15.07 | 2089660 | 20.0 |
| Heptadecane, 9-oc... | 15.52 | 2.8     | ng    | 292331   | 6                     | 15.07 | 2089660 | 20.0 |
| Tetracosane          | 15.95 | 2.2     | ng    | 229494   | 6                     | 15.07 | 2089660 | 20.0 |
| 5-Bromo-4-oxo-4,5... | 18.62 | 4.1     | ng    | 423883   | 6                     | 15.07 | 2089660 | 20.0 |