

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\  
 Data File : BF110933.D  
 Acq On : 21 Nov 2018 17:28  
 Operator : JU/SJ  
 Sample : J5772-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PL-01-112018-B

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-BF110818.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         | 2.228       | 20            | 24          | 41           | rVB      | 69231          | 111583        | 8.44%           | 0.899%        |
| 2         | 5.181       | 523           | 526         | 537          | rBV      | 23886          | 44470         | 3.36%           | 0.358%        |
| 3         | 5.563       | 587           | 591         | 614          | rBV      | 1006602        | 1154228       | 87.32%          | 9.297%        |
| 4         | 6.569       | 758           | 762         | 782          | rBV      | 1189486        | 1292628       | 97.79%          | 10.412%       |
| 5         | 6.710       | 782           | 786         | 798          | rVB      | 1484677        | 1276562       | 96.58%          | 10.283%       |
| 6         | 6.940       | 822           | 825         | 833          | rBV      | 410185         | 363873        | 27.53%          | 2.931%        |
| 7         | 7.098       | 848           | 852         | 869          | rBV      | 924752         | 951071        | 71.95%          | 7.661%        |
| 8         | 7.504       | 918           | 921         | 936          | rBV      | 603831         | 770058        | 58.26%          | 6.203%        |
| 9         | 8.222       | 1040          | 1043        | 1065         | rBV      | 361823         | 473560        | 35.83%          | 3.814%        |
| 10        | 9.292       | 1222          | 1225        | 1247         | rBV      | 1227819        | 1321791       | 100.00%         | 10.647%       |
| 11        | 9.692       | 1285          | 1293        | 1305         | rBV      | 105703         | 115662        | 8.75%           | 0.932%        |
| 12        | 9.981       | 1339          | 1342        | 1355         | rBV      | 477975         | 479317        | 36.26%          | 3.861%        |
| 13        | 10.780      | 1474          | 1478        | 1490         | rBV      | 531237         | 628868        | 47.58%          | 5.065%        |
| 14        | 11.480      | 1593          | 1597        | 1608         | rBV      | 361323         | 405545        | 30.68%          | 3.267%        |
| 15        | 11.980      | 1679          | 1682        | 1687         | rBV2     | 82507          | 89826         | 6.80%           | 0.724%        |
| 16        | 12.698      | 1801          | 1804        | 1809         | rBV      | 71516          | 70915         | 5.37%           | 0.571%        |
| 17        | 12.763      | 1812          | 1815        | 1825         | rBV3     | 28360          | 42179         | 3.19%           | 0.340%        |
| 18        | 12.933      | 1841          | 1844        | 1848         | rVB      | 82617          | 74981         | 5.67%           | 0.604%        |
| 19        | 13.057      | 1861          | 1865        | 1871         | rBV      | 1028893        | 874981        | 66.20%          | 7.048%        |
| 20        | 13.263      | 1893          | 1900        | 1904         | rVB2     | 20967          | 32304         | 2.44%           | 0.260%        |
| 21        | 13.369      | 1914          | 1918        | 1921         | rBV2     | 9618           | 16063         | 1.22%           | 0.129%        |
| 22        | 13.604      | 1955          | 1958        | 1960         | rBV      | 21209          | 19283         | 1.46%           | 0.155%        |
| 23        | 13.933      | 2011          | 2014        | 2022         | rBV2     | 132069         | 174825        | 13.23%          | 1.408%        |
| 24        | 14.133      | 2043          | 2048        | 2051         | rBV      | 434490         | 465061        | 35.18%          | 3.746%        |
| 25        | 14.245      | 2064          | 2067        | 2070         | rBV2     | 37890          | 39675         | 3.00%           | 0.320%        |
| 26        | 14.551      | 2116          | 2119        | 2123         | rBV2     | 64313          | 71033         | 5.37%           | 0.572%        |
| 27        | 14.868      | 2170          | 2173        | 2179         | rVB      | 95251          | 91710         | 6.94%           | 0.739%        |
| 28        | 14.951      | 2184          | 2187        | 2194         | rVB      | 35240          | 51192         | 3.87%           | 0.412%        |
| 29        | 15.215      | 2228          | 2232        | 2240         | rVB      | 145722         | 194023        | 14.68%          | 1.563%        |
| 30        | 15.610      | 2295          | 2299        | 2304         | rVV2     | 130084         | 177819        | 13.45%          | 1.432%        |
| 31        | 15.668      | 2305          | 2309        | 2318         | rVB      | 180381         | 265153        | 20.06%          | 2.136%        |
| 32        | 16.063      | 2372          | 2376        | 2383         | rVB      | 94161          | 154674        | 11.70%          | 1.246%        |
| 33        | 16.592      | 2461          | 2466        | 2472         | rBV      | 63028          | 119911        | 9.07%           | 0.966%        |

## LSC Area Percent Report

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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PL-01-112018-B

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-BF110818.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

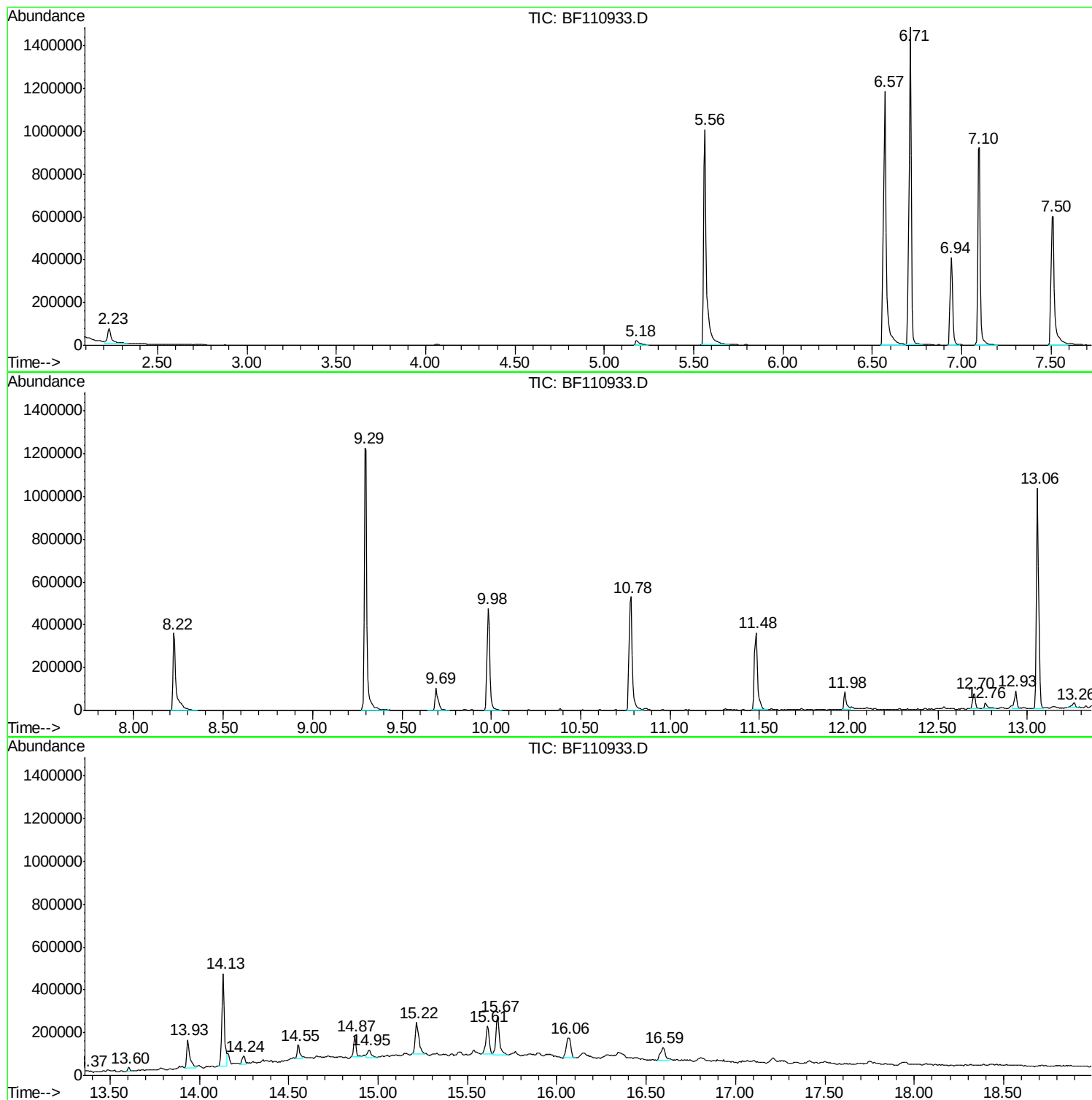
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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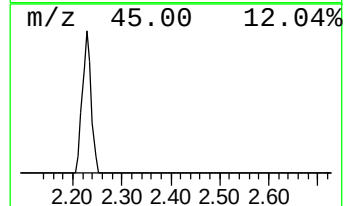
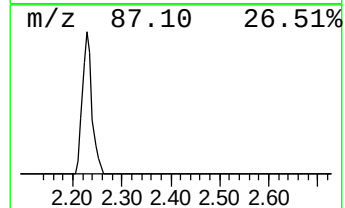
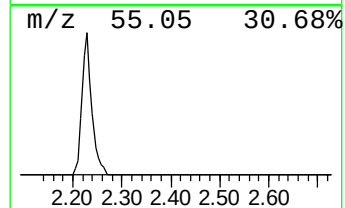
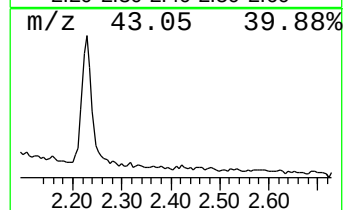
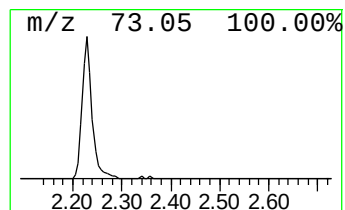
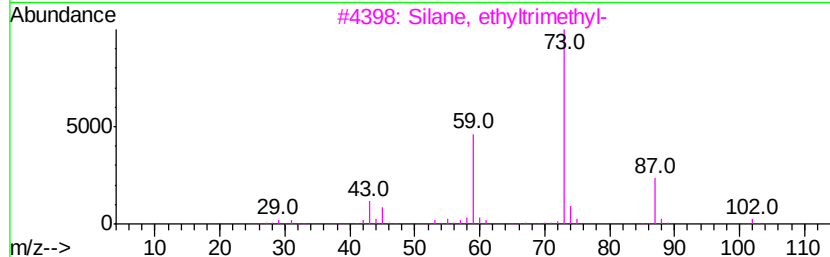
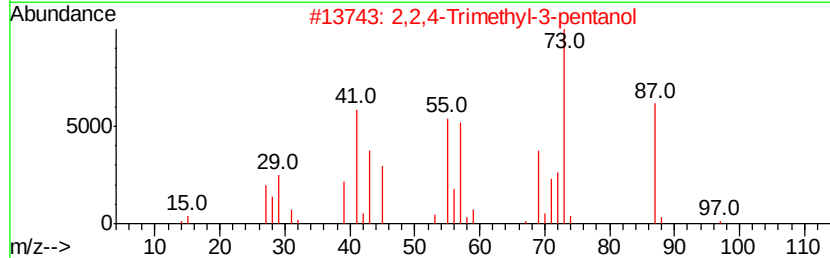
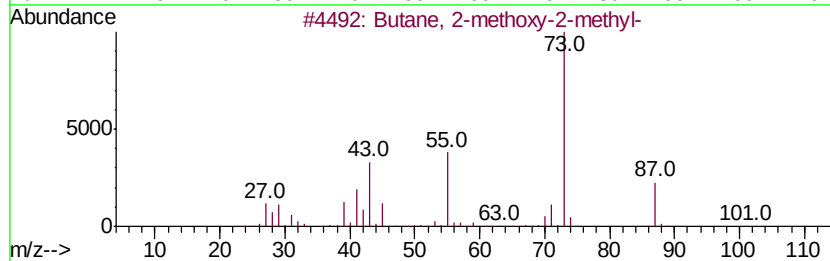
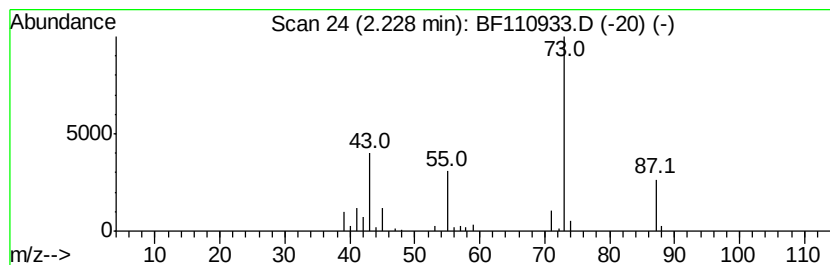
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 2.23 | 6.13 ng | 111583 | 1,4-Dichlorobenzene-d4 | 6.94 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 3    |    | Silane, ethyltrimethyl-     | 102 | C5H14Si | 003439-38-1 | 36   |
| 4    |    | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 23   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |



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Instrument :  
BNA\_F  
ClientSampled :  
PL-01-112018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

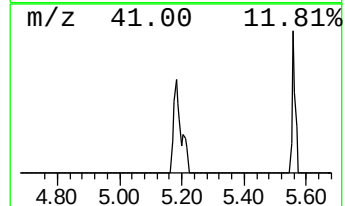
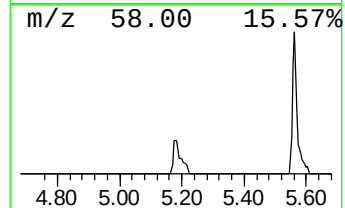
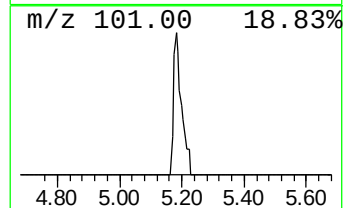
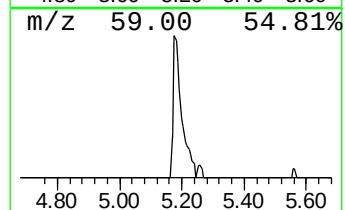
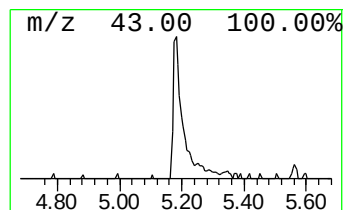
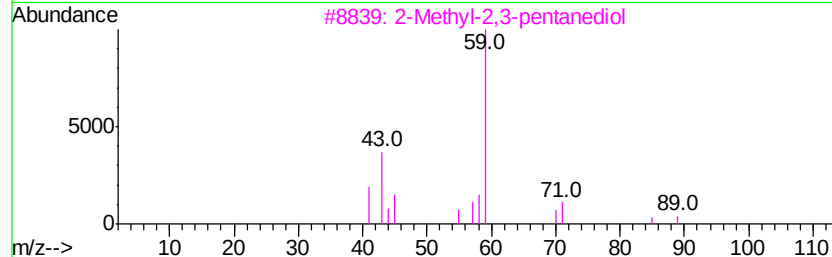
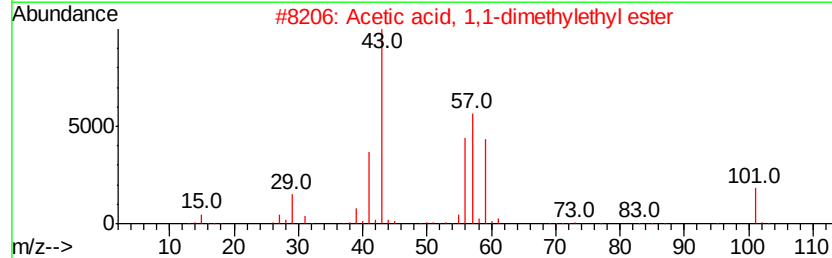
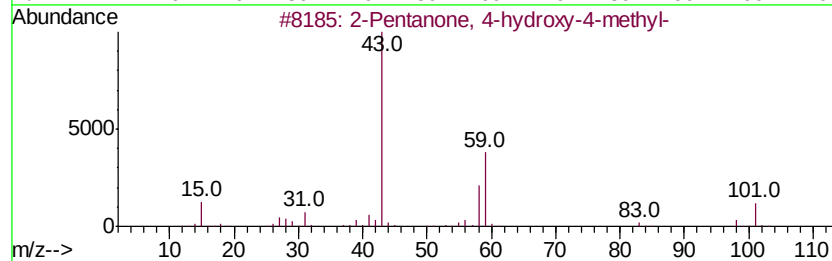
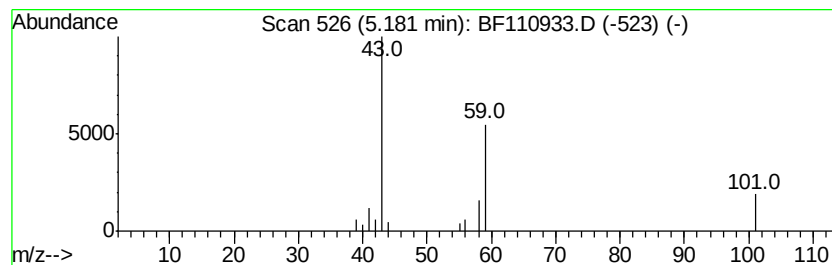
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.18 | 2.44 ng | 44470 | 1,4-Dichlorobenzene-d4 | 6.94 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 64   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 9    |
| 3    |    |   | 2-Methyl-2,3-pentanediol            | 118 | C6H14O2 | 007795-80-4 | 9    |
| 4    |    |   | Diacetamide                         | 101 | C4H7NO2 | 000625-77-4 | 7    |
| 5    |    |   | Propylamine                         | 59  | C3H9N   | 000107-10-8 | 7    |



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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

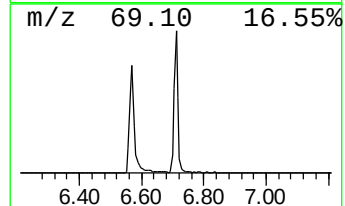
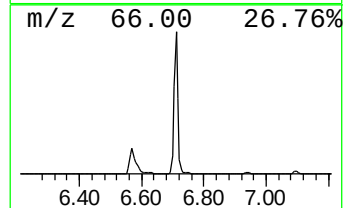
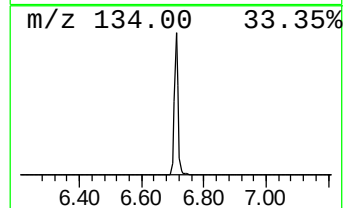
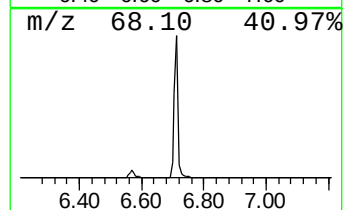
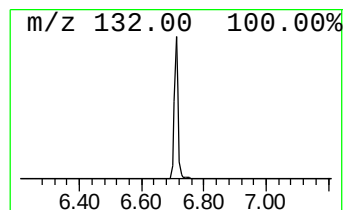
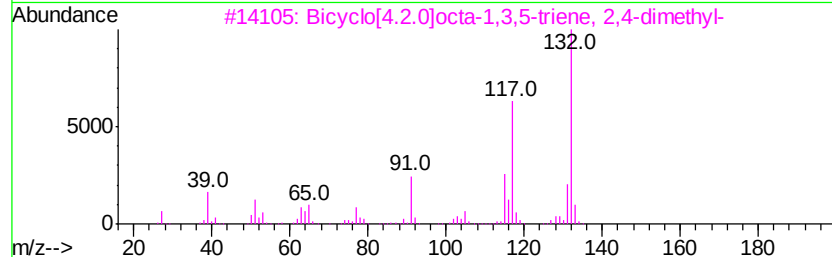
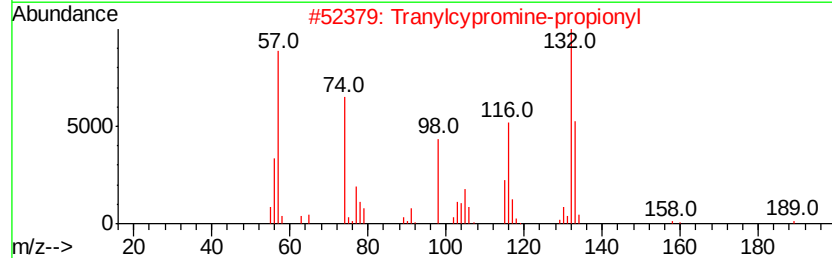
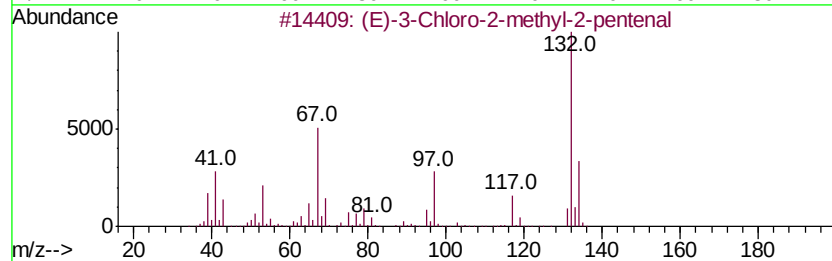
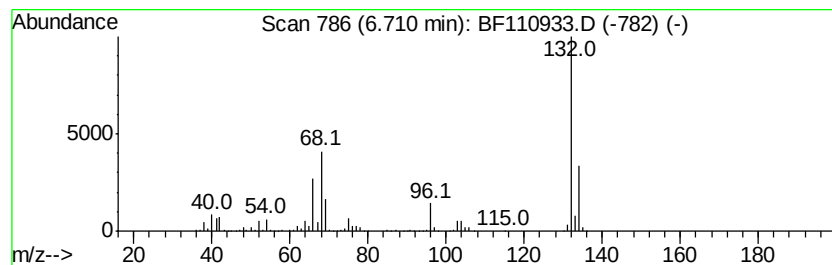
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown6.71 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.71 | 70.17 ng | 1276560 | 1,4-Dichlorobenzene-d4 | 6.94 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 2    |    | Tranlylcypromine-propionyl          | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 4    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

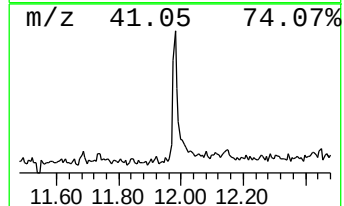
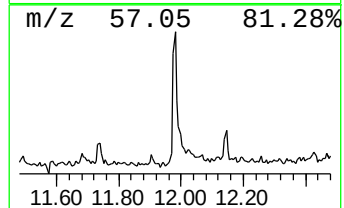
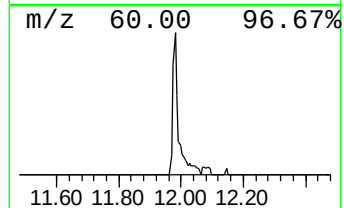
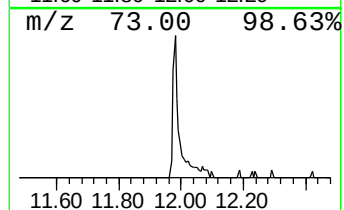
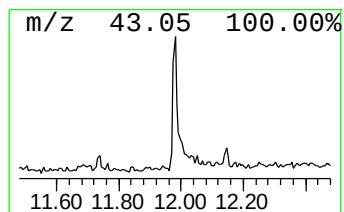
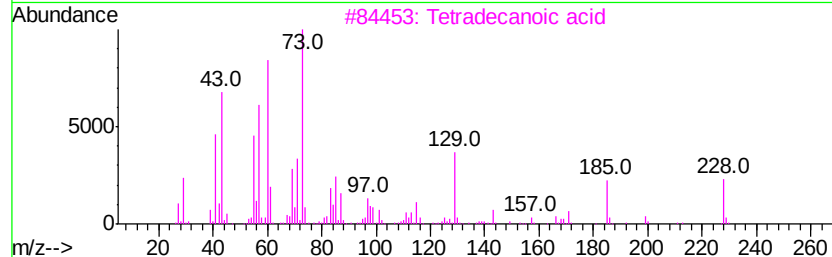
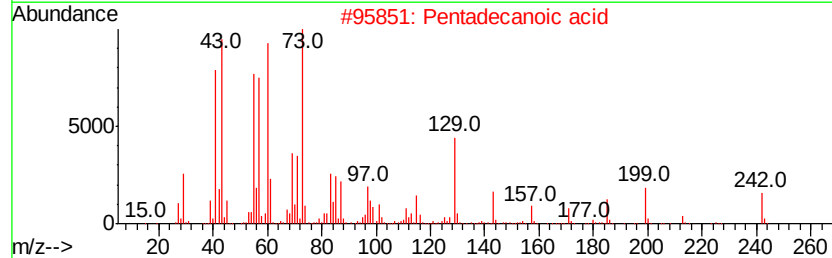
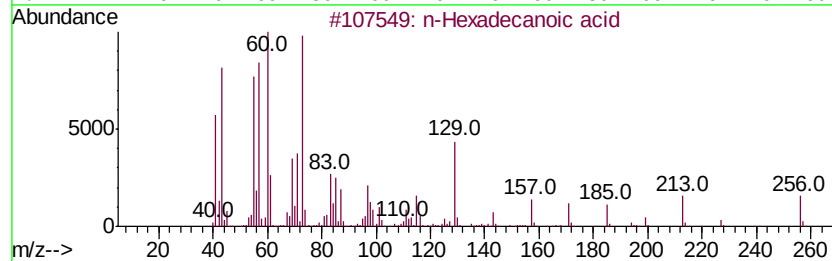
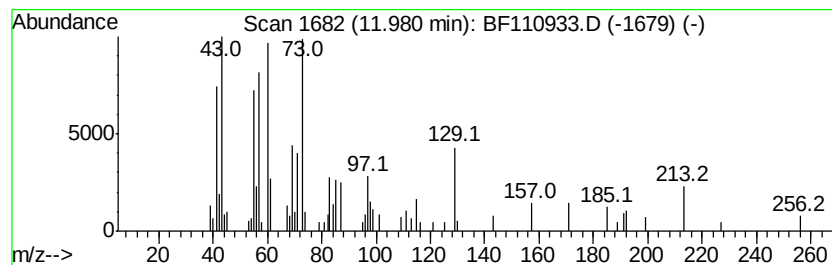
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 11.98 | 4.43 ng | 89826 | Phenanthrene-d10 | 11.48 |

| Hit# of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|-----------|---------------------|-----|----------|-------------|------|
| 1         | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2         | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 3         | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |
| 4         | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 64   |
| 5         | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 59   |



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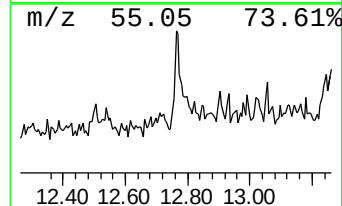
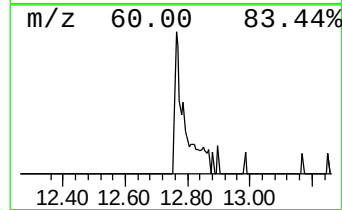
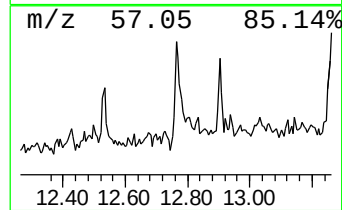
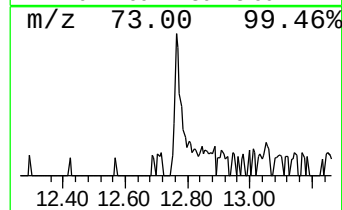
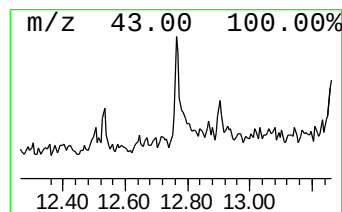
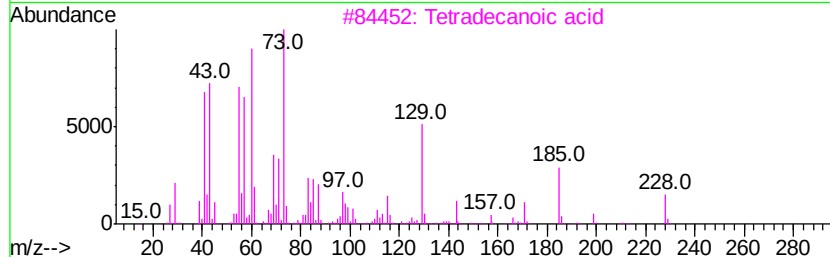
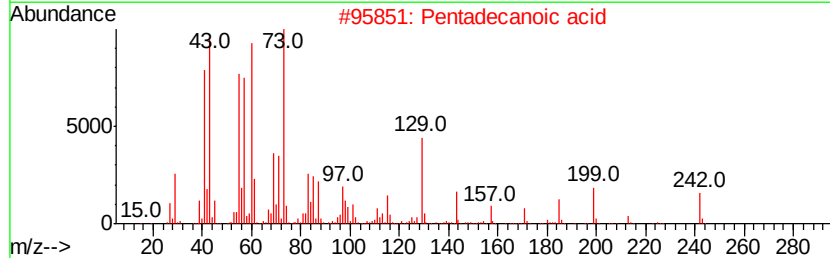
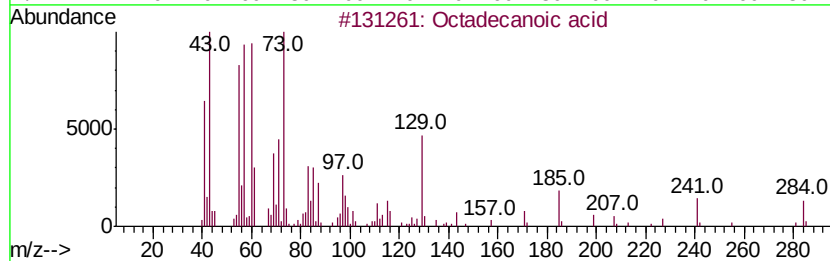
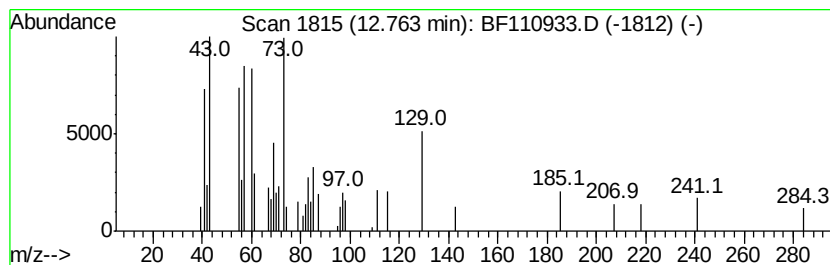
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Octadecanoic acid Concentration Rank 12

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 12.76 | 2.08 ng | 42179 | Phenanthrene-d10 | 11.48 |

| Hit# of 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|-----------|--------------------|-----|----------|-------------|------|
| 1         | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 91   |
| 2         | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 72   |
| 3         | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 59   |
| 4         | Dodecanoic acid    | 200 | C12H24O2 | 000143-07-7 | 59   |
| 5         | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 59   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\  
Data File : BF110933.D  
Acq On : 21 Nov 2018 17:28  
Operator : JU/SJ  
Sample : J5772-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

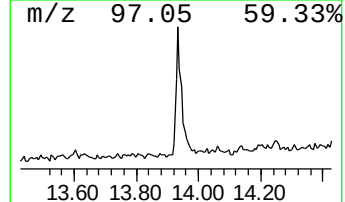
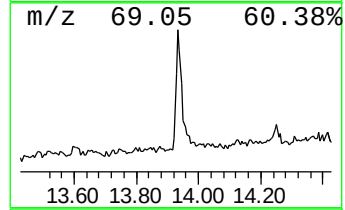
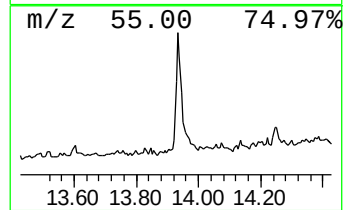
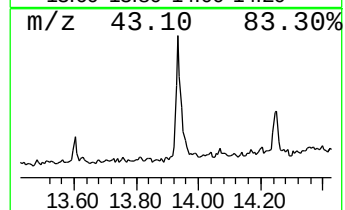
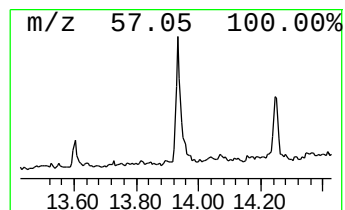
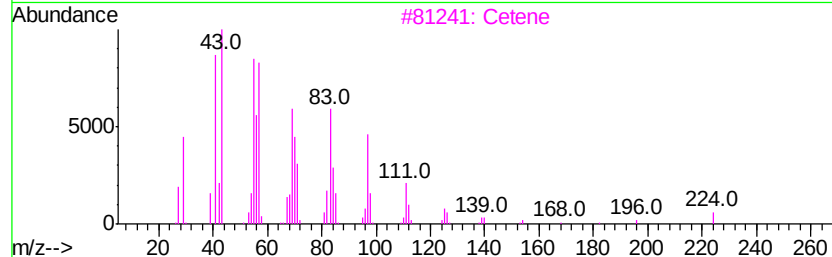
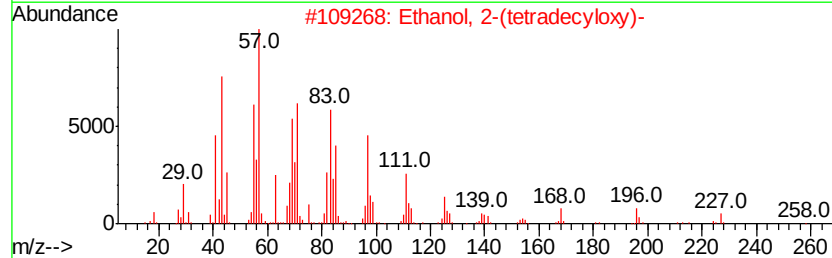
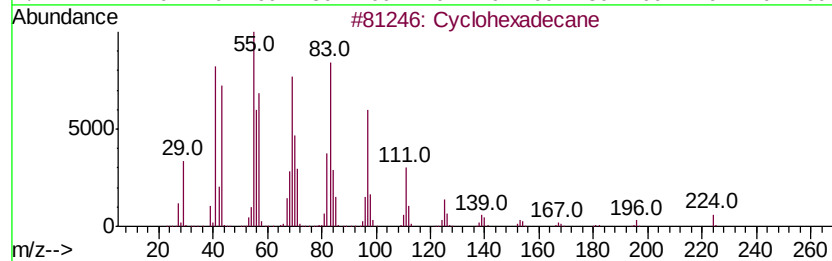
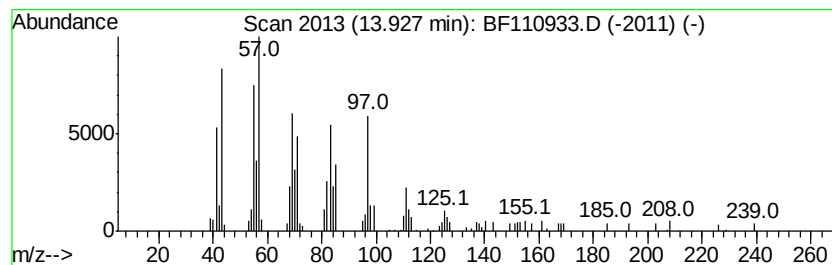
Instrument :  
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ClientSampleId :  
PL-01-112018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.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 Cyclohexadecane Concentration Rank 5

| R.T.      | EstConc                     | Area   | Relative to ISTD | R.T.         |      |
|-----------|-----------------------------|--------|------------------|--------------|------|
| 13.93     | 7.52 ng                     | 174825 | Chrysene-d12     | 14.13        |      |
| Hit# of 5 | Tentative ID                | MW     | MolForm          | CAS#         | Qual |
| 1         | Cyclohexadecane             | 224    | C16H32           | 000295-65-8  | 95   |
| 2         | Ethanol, 2-(tetradecyloxy)- | 258    | C16H34O2         | 002136-70-1  | 90   |
| 3         | Cetene                      | 224    | C16H32           | 000629-73-2  | 90   |
| 4         | Z-8-Hexadecene              | 224    | C16H32           | 1000130-87-5 | 86   |
| 5         | 1-Heptacosanol              | 396    | C27H56O          | 002004-39-9  | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\  
Data File : BF110933.D  
Acq On : 21 Nov 2018 17:28  
Operator : JU/SJ  
Sample : J5772-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PL-01-112018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

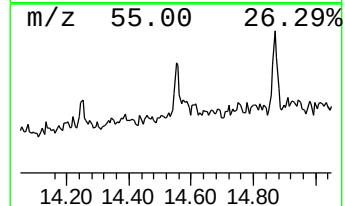
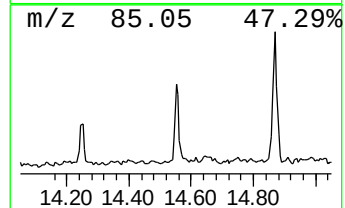
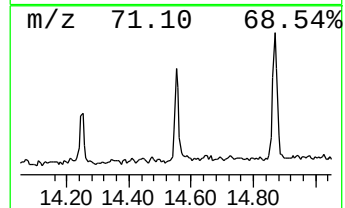
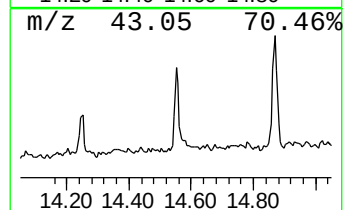
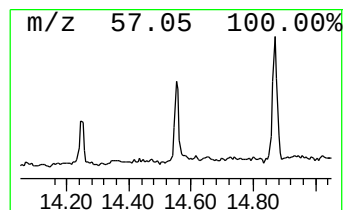
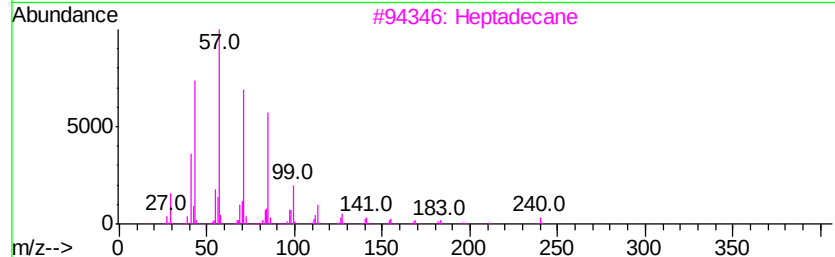
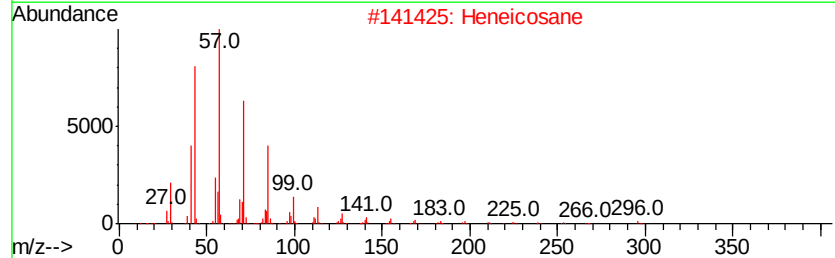
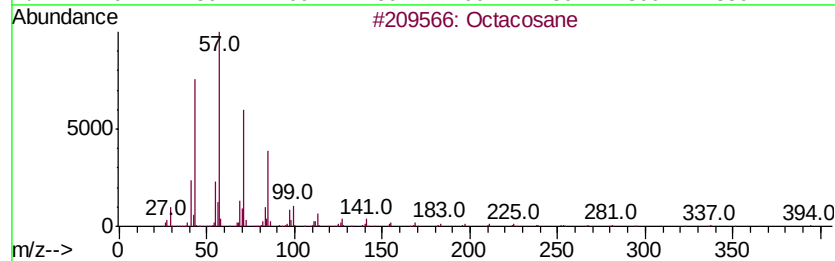
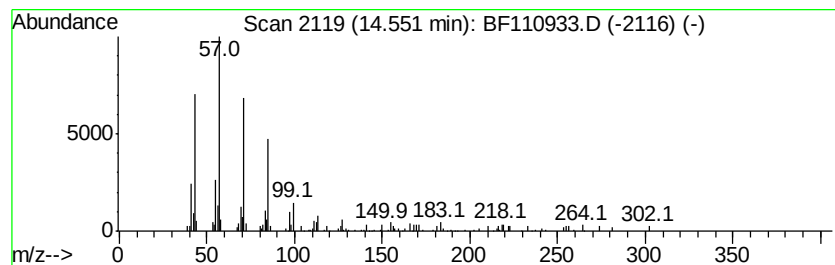
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Octacosane Concentration Rank 10

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.55 | 3.05 ng | 71033 | Chrysene-d12     | 14.13 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane   | 394 | C28H58  | 000630-02-4 | 90   |
| 2    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 87   |
| 3    |    | Heptadecane  | 240 | C17H36  | 000629-78-7 | 87   |
| 4    |    | Heptacosane  | 380 | C27H56  | 000593-49-7 | 87   |
| 5    |    | Hexacosane   | 366 | C26H54  | 000630-01-3 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\  
Data File : BF110933.D  
Acq On : 21 Nov 2018 17:28  
Operator : JU/SJ  
Sample : J5772-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PL-01-112018-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

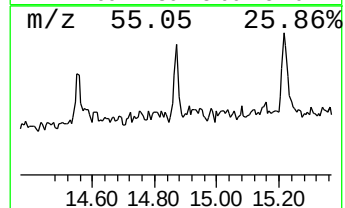
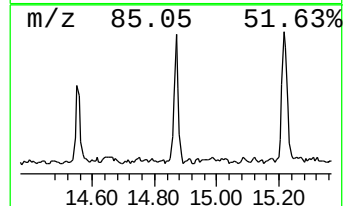
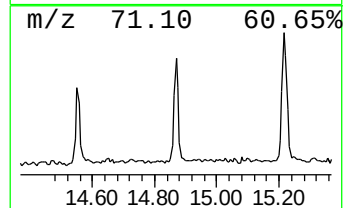
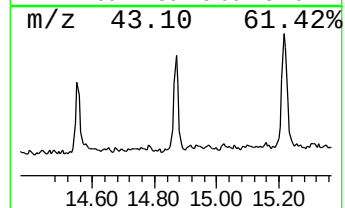
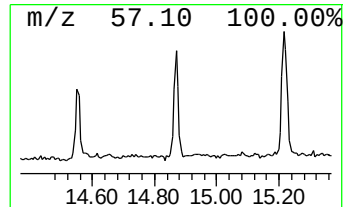
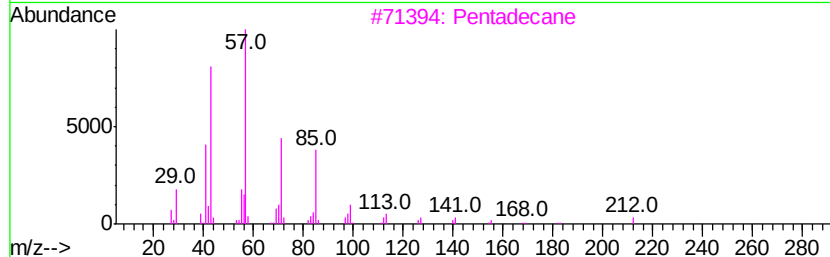
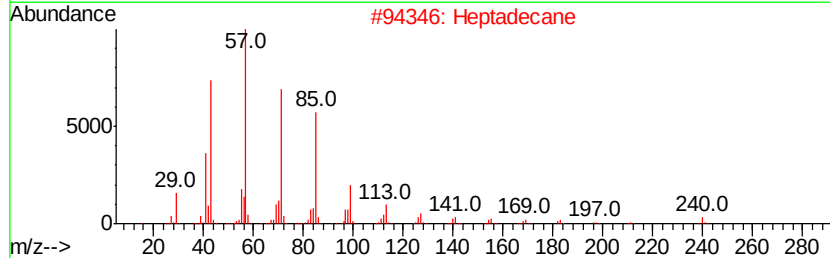
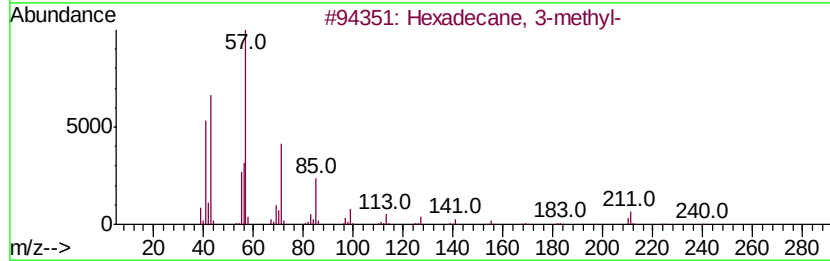
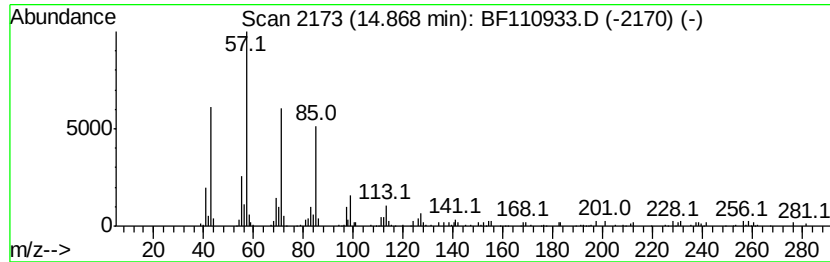
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Hexadecane, 3-methyl- Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.87 | 3.94 ng | 91710 | Chrysene-d12     | 14.13 |

| Hit# | of | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecane, 3-methyl-          | 240 | C17H36   | 006418-43-5 | 93   |
| 2    |    | Heptadecane                    | 240 | C17H36   | 000629-78-7 | 87   |
| 3    |    | Pentadecane                    | 212 | C15H32   | 000629-62-9 | 86   |
| 4    |    | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36   | 014905-56-7 | 86   |
| 5    |    | 2-Bromo dodecane               | 248 | C12H25Br | 013187-99-0 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\  
Data File : BF110933.D  
Acq On : 21 Nov 2018 17:28  
Operator : JU/SJ  
Sample : J5772-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PL-01-112018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

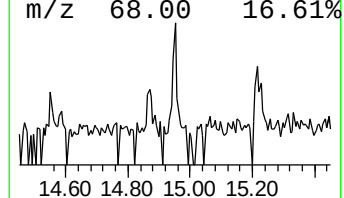
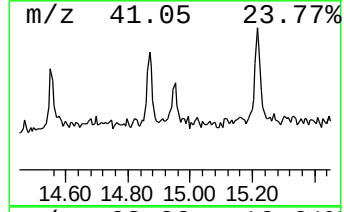
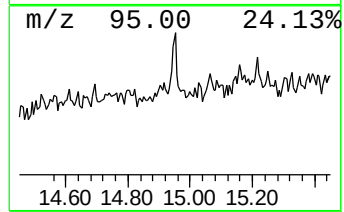
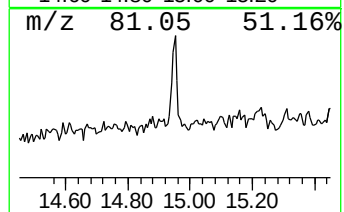
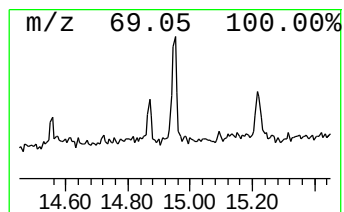
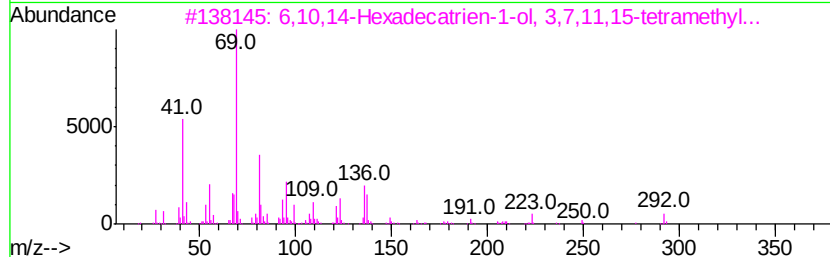
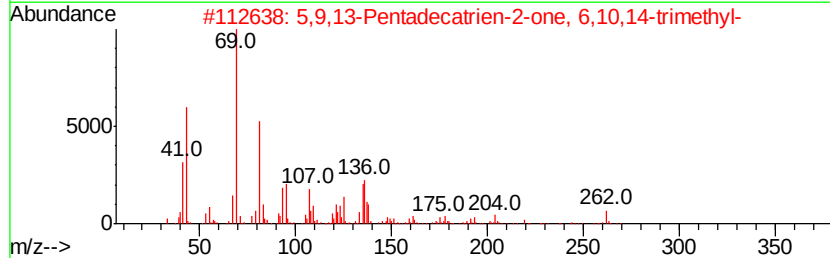
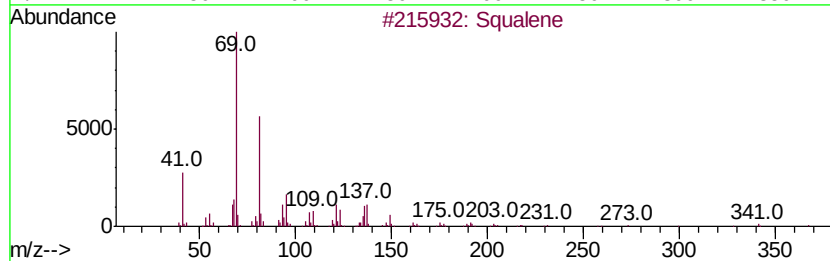
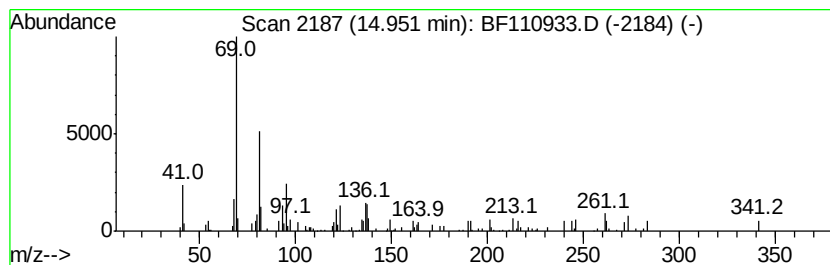
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Squalene Concentration Rank 9

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.95 | 3.86 ng | 51192 | Perylene-d12     | 15.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Squalene                            | 410 | C30H50  | 000111-02-4 | 53   |
| 2    |    | 5,9,13-Pentadecatrien-2-one, 6,1... | 262 | C18H30O | 000762-29-8 | 50   |
| 3    |    | 6,10,14-Hexadecatrien-1-ol, 3,7,... | 292 | C20H36O | 036237-66-8 | 50   |
| 4    |    | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O | 056882-09-8 | 47   |
| 5    |    | Supraene                            | 410 | C30H50  | 007683-64-9 | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\  
Data File : BF110933.D  
Acq On : 21 Nov 2018 17:28  
Operator : JU/SJ  
Sample : J5772-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PL-01-112018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

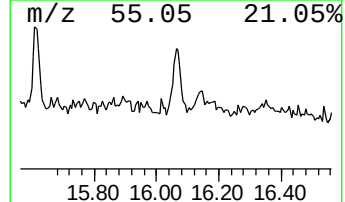
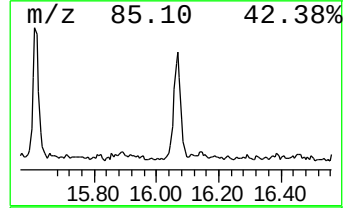
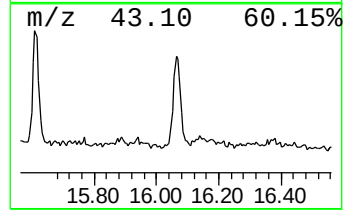
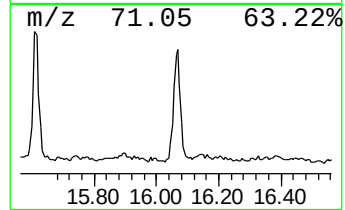
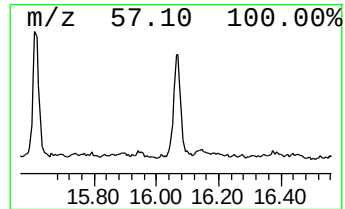
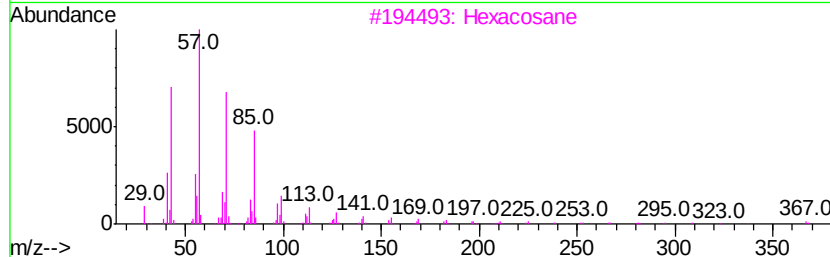
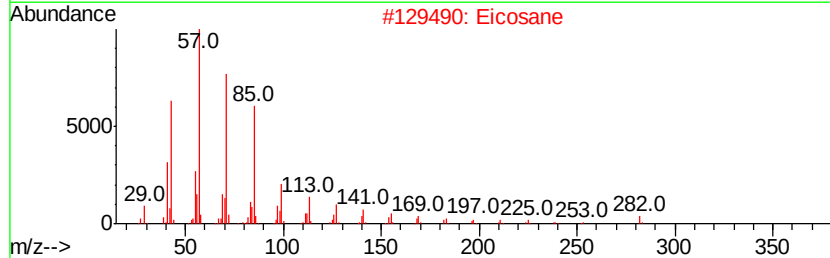
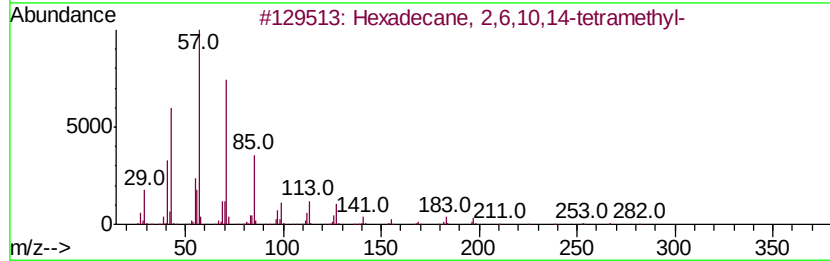
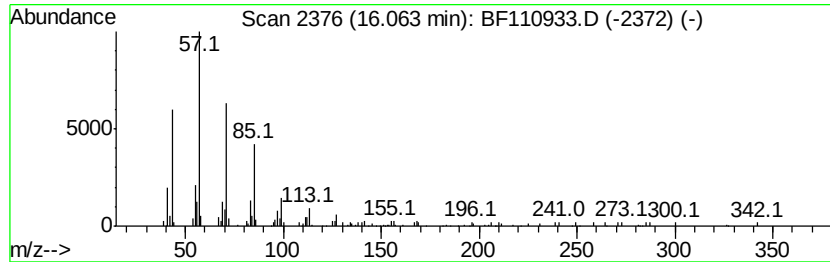
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 16.06 | 11.67 ng | 154674 | Perylene-d12     | 15.67 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 94   |
| 2    |    | Eicosane                           | 282 | C20H42  | 000112-95-8 | 93   |
| 3    |    | Hexacosane                         | 366 | C26H54  | 000630-01-3 | 90   |
| 4    |    | Heptacosane                        | 380 | C27H56  | 000593-49-7 | 87   |
| 5    |    | Pentadecane                        | 212 | C15H32  | 000629-62-9 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\  
Data File : BF110933.D  
Acq On : 21 Nov 2018 17:28  
Operator : JU/SJ  
Sample : J5772-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PL-01-112018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

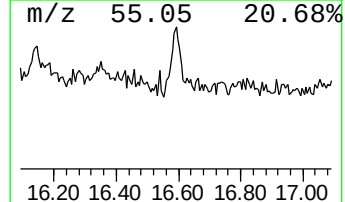
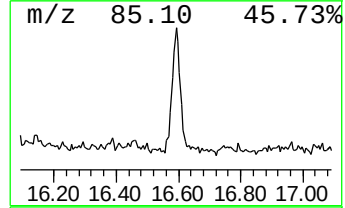
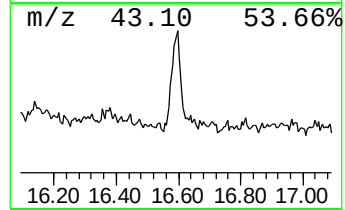
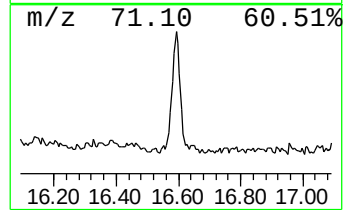
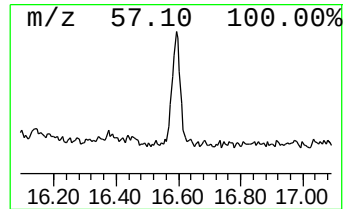
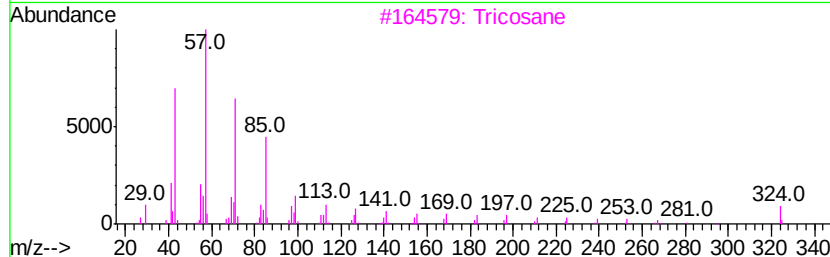
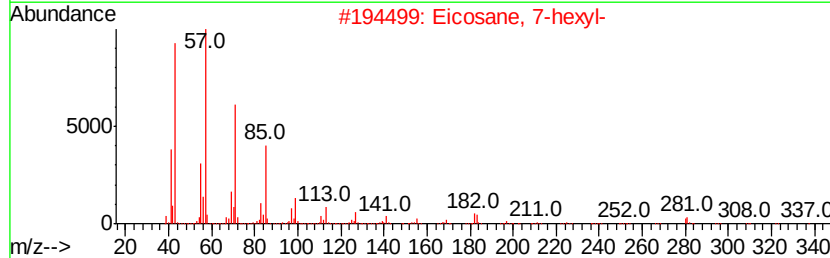
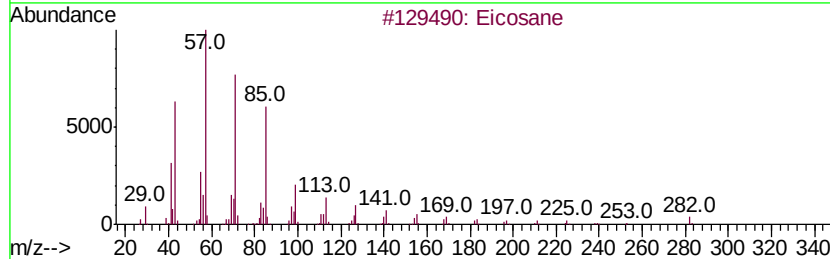
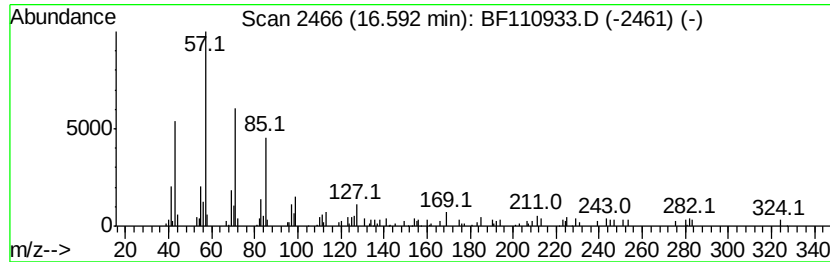
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Eicosane Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.59 | 9.04 ng | 119911 | Perylene-d12     | 15.67 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane           | 282 | C20H42  | 000112-95-8 | 87   |
| 2    |    | Eicosane, 7-hexyl- | 366 | C26H54  | 055333-99-8 | 86   |
| 3    |    | Tricosane          | 324 | C23H48  | 000638-67-5 | 86   |
| 4    |    | Hexatriacontane    | 507 | C36H74  | 000630-06-8 | 83   |
| 5    |    | Hentriacontane     | 437 | C31H64  | 000630-04-6 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF112118\  
Data File : BF110933.D  
Acq On : 21 Nov 2018 17:28  
Operator : JU/SJ  
Sample : J5772-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PL-01-112018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110818.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 |
| Butane, 2-methoxy... | 2.23  | 6.1 ng  |       | 111583   | 1                     | 6.94  | 363873 | 20.0 |
| 2-Pentanone, 4-hy... | 5.18  | 2.4 ng  |       | 44470    | 1                     | 6.94  | 363873 | 20.0 |
| unknown6.71          | 6.71  | 70.2 ng |       | 1276560  | 1                     | 6.94  | 363873 | 20.0 |
| n-Hexadecanoic acid  | 11.98 | 4.4 ng  |       | 89826    | 4                     | 11.48 | 405545 | 20.0 |
| Octadecanoic acid    | 12.76 | 2.1 ng  |       | 42179    | 4                     | 11.48 | 405545 | 20.0 |
| Cyclohexadecane      | 13.93 | 7.5 ng  |       | 174825   | 5                     | 14.13 | 465061 | 20.0 |
| Octacosane           | 14.55 | 3.0 ng  |       | 71033    | 5                     | 14.13 | 465061 | 20.0 |
| Hexadecane, 3-met... | 14.87 | 3.9 ng  |       | 91710    | 5                     | 14.13 | 465061 | 20.0 |
| Squalene             | 14.95 | 3.9 ng  |       | 51192    | 6                     | 15.67 | 265153 | 20.0 |
| Hexadecane, 2,6,1... | 16.06 | 11.7 ng |       | 154674   | 6                     | 15.67 | 265153 | 20.0 |
| Eicosane             | 16.59 | 9.0 ng  |       | 119911   | 6                     | 15.67 | 265153 | 20.0 |