

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042219\  
 Data File : BF113890.D  
 Acq On : 22 Apr 2019 20:57  
 Operator : JU/SJ  
 Sample : K2515-23  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-16

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-BF042219.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         | 2.204       | 17            | 20          | 30           | rVB      | 52753          | 87533         | 1.75%           | 0.197%        |
| 2         | 5.522       | 578           | 584         | 587          | rBV      | 3814462        | 3725380       | 74.67%          | 8.381%        |
| 3         | 6.192       | 694           | 698         | 701          | rVB      | 484509         | 446970        | 8.96%           | 1.006%        |
| 4         | 6.522       | 748           | 754         | 757          | rBV      | 3755602        | 3876991       | 77.71%          | 8.722%        |
| 5         | 6.610       | 765           | 769         | 772          | rVB      | 741602         | 656805        | 13.16%          | 1.478%        |
| 6         | 6.663       | 774           | 778         | 782          | rBV      | 3880162        | 4047722       | 81.13%          | 9.106%        |
| 7         | 6.892       | 814           | 817         | 821          | rBV      | 1262326        | 1063125       | 21.31%          | 2.392%        |
| 8         | 7.051       | 840           | 844         | 848          | rBV      | 3659987        | 3298246       | 66.11%          | 7.420%        |
| 9         | 7.451       | 907           | 912         | 915          | rBV      | 2734535        | 2484513       | 49.80%          | 5.589%        |
| 10        | 8.175       | 1031          | 1035        | 1038         | rBV      | 1659799        | 1336098       | 26.78%          | 3.006%        |
| 11        | 9.251       | 1213          | 1218        | 1221         | rBV      | 5640040        | 4989104       | 100.00%         | 11.224%       |
| 12        | 9.592       | 1273          | 1276        | 1280         | rBV      | 88827          | 70824         | 1.42%           | 0.159%        |
| 13        | 9.639       | 1280          | 1284        | 1287         | rBV      | 363000         | 297287        | 5.96%           | 0.669%        |
| 14        | 9.927       | 1329          | 1333        | 1337         | rBV2     | 1787004        | 1536882       | 30.80%          | 3.458%        |
| 15        | 10.716      | 1462          | 1467        | 1470         | rBV      | 3265730        | 2927199       | 58.67%          | 6.585%        |
| 16        | 11.410      | 1581          | 1585        | 1589         | rBV      | 1634801        | 1455633       | 29.18%          | 3.275%        |
| 17        | 11.939      | 1667          | 1675        | 1686         | rBV      | 396501         | 425345        | 8.53%           | 0.957%        |
| 18        | 12.721      | 1805          | 1808        | 1822         | rBV      | 332628         | 408411        | 8.19%           | 0.919%        |
| 19        | 12.998      | 1850          | 1855        | 1858         | rBV      | 4994702        | 4359776       | 87.39%          | 9.808%        |
| 20        | 13.445      | 1928          | 1931        | 1934         | rBV      | 68202          | 73434         | 1.47%           | 0.165%        |
| 21        | 13.515      | 1940          | 1943        | 1947         | rBV      | 185547         | 164309        | 3.29%           | 0.370%        |
| 22        | 13.551      | 1947          | 1949        | 1951         | rBV      | 62506          | 54553         | 1.09%           | 0.123%        |
| 23        | 13.757      | 1981          | 1984        | 1994         | rBV      | 307679         | 326228        | 6.54%           | 0.734%        |
| 24        | 13.845      | 1996          | 1999        | 2006         | rVB      | 82690          | 75244         | 1.51%           | 0.169%        |
| 25        | 13.998      | 2020          | 2025        | 2027         | rBV2     | 100119         | 166206        | 3.33%           | 0.374%        |
| 26        | 14.027      | 2027          | 2030        | 2031         | rVV      | 309786         | 303471        | 6.08%           | 0.683%        |
| 27        | 14.051      | 2031          | 2034        | 2037         | rVB      | 1330834        | 1204302       | 24.14%          | 2.709%        |
| 28        | 14.845      | 2166          | 2169        | 2173         | rVB      | 67098          | 60433         | 1.21%           | 0.136%        |
| 29        | 14.992      | 2190          | 2194        | 2200         | rBV      | 52477          | 61331         | 1.23%           | 0.138%        |
| 30        | 15.186      | 2224          | 2227        | 2234         | rVB      | 111709         | 139727        | 2.80%           | 0.314%        |
| 31        | 15.533      | 2281          | 2286        | 2291         | rBV      | 1105783        | 1398146       | 28.02%          | 3.145%        |
| 32        | 15.574      | 2291          | 2293        | 2298         | rVB      | 93248          | 112361        | 2.25%           | 0.253%        |
| 33        | 16.021      | 2364          | 2369        | 2377         | rVB      | 137075         | 211146        | 4.23%           | 0.475%        |
| 34        | 16.539      | 2452          | 2457        | 2464         | rBV2     | 59739          | 109859        | 2.20%           | 0.247%        |

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-16

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-BF042219.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |       |        |         |        |        |
|----|--------|------|------|------|-------|--------|---------|--------|--------|
| 35 | 16.739 | 2484 | 2491 | 2497 | rVB   | 695912 | 1209732 | 24.25% | 2.722% |
| 36 | 17.156 | 2555 | 2562 | 2568 | rBV3  | 211783 | 440648  | 8.83%  | 0.991% |
| 37 | 17.233 | 2569 | 2575 | 2581 | rVB3  | 64747  | 139370  | 2.79%  | 0.314% |
| 38 | 17.398 | 2600 | 2603 | 2610 | rVB6  | 41025  | 73739   | 1.48%  | 0.166% |
| 39 | 18.515 | 2784 | 2793 | 2803 | rBV10 | 90508  | 259091  | 5.19%  | 0.583% |
| 40 | 18.686 | 2814 | 2822 | 2835 | rVB5  | 117426 | 372656  | 7.47%  | 0.838% |

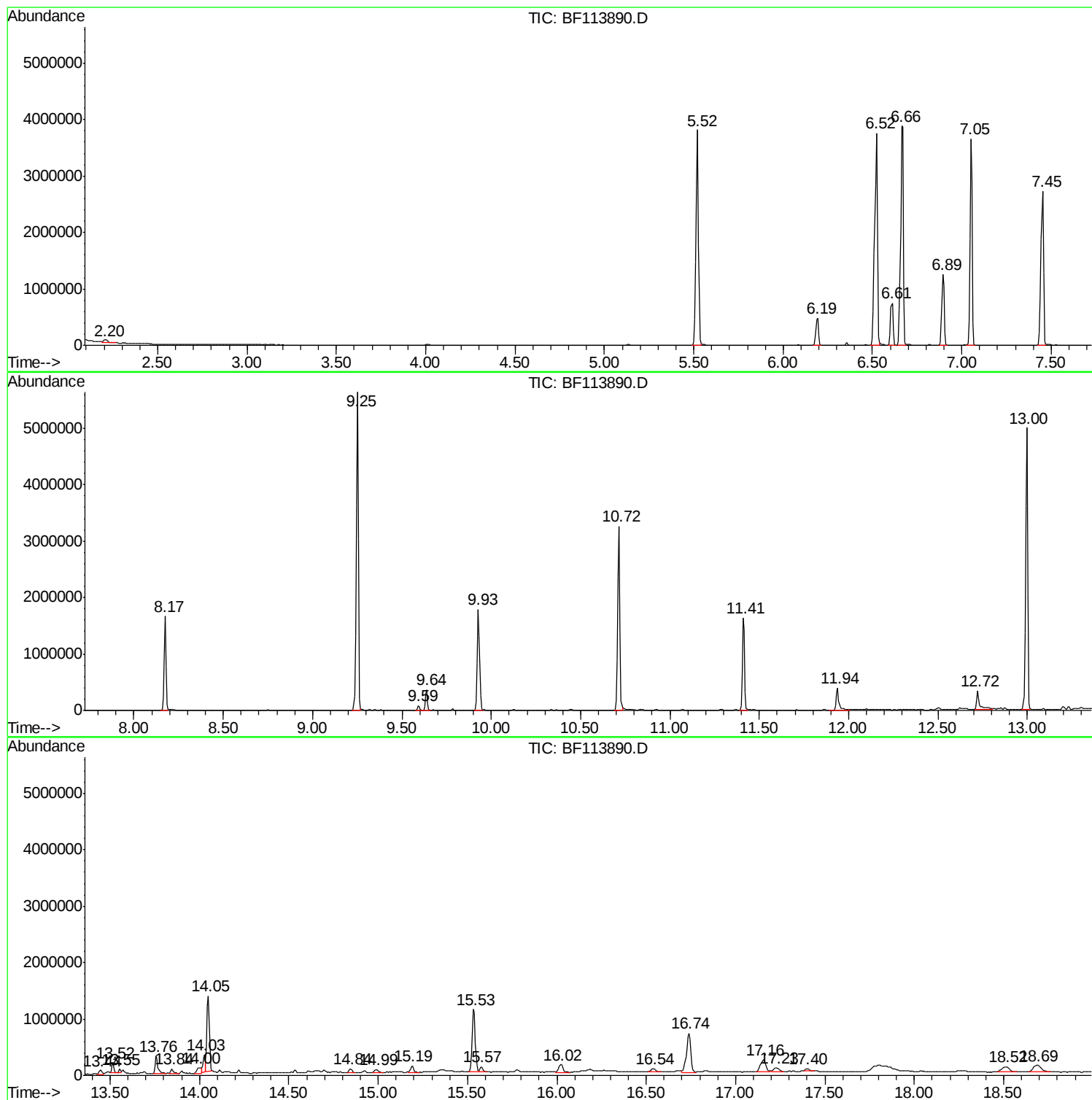
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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.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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Sample : K2515-23  
Misc :  
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Instrument :  
BNA\_F  
ClientSampleId :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

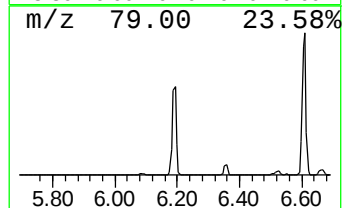
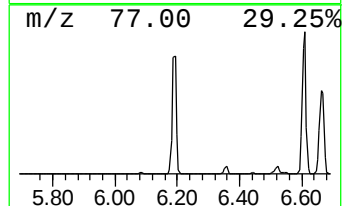
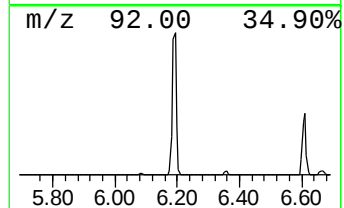
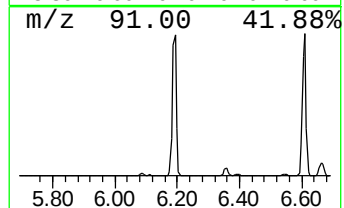
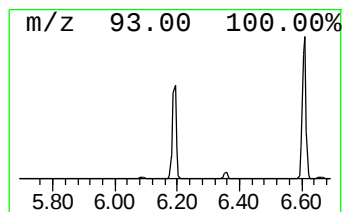
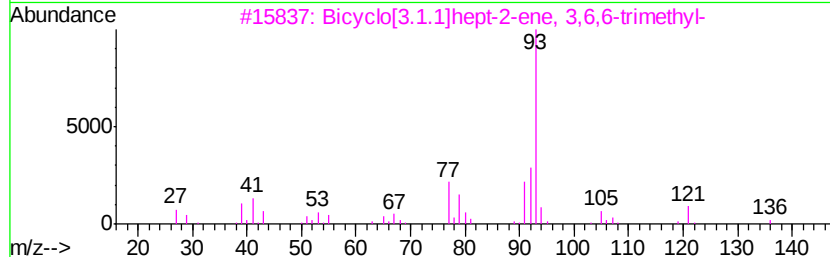
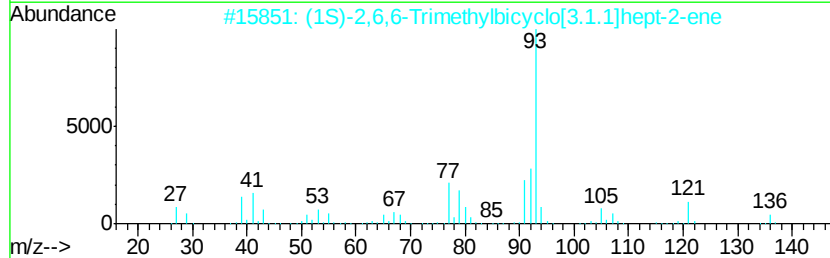
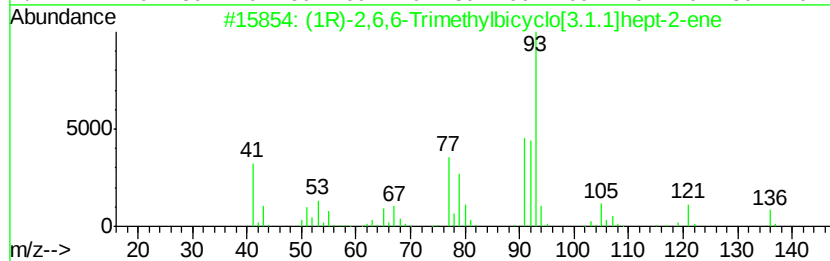
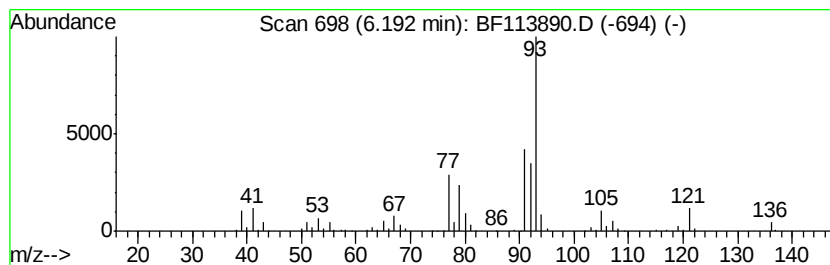
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 6.19 | 8.41 ng | 446970 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | Tentative ID                                 | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------------------|-----|---------|-------------|------|
| 1    | 5  | (1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene | 136 | C10H16  | 007785-70-8 | 95   |
| 2    |    | (1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene | 136 | C10H16  | 007785-26-4 | 94   |
| 3    |    | Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-   | 136 | C10H16  | 004889-83-2 | 94   |
| 4    |    | .alpha.-Pinene                               | 136 | C10H16  | 000080-56-8 | 94   |
| 5    |    | Tricyclo[2.2.1.0(2,6)]heptane, 1,4-dichloro- | 136 | C10H16  | 000508-32-7 | 91   |



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TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

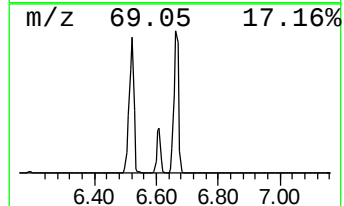
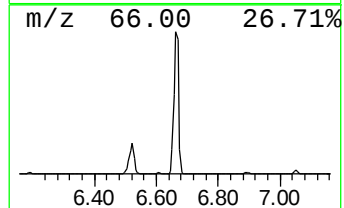
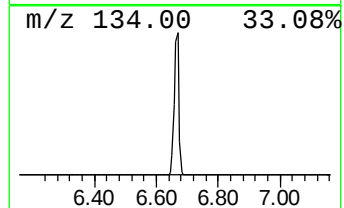
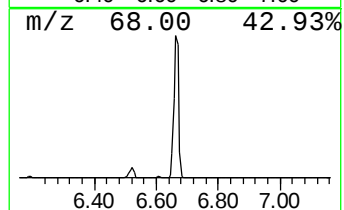
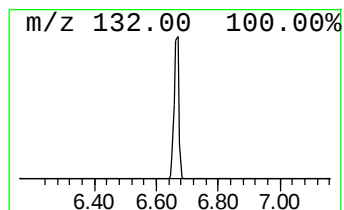
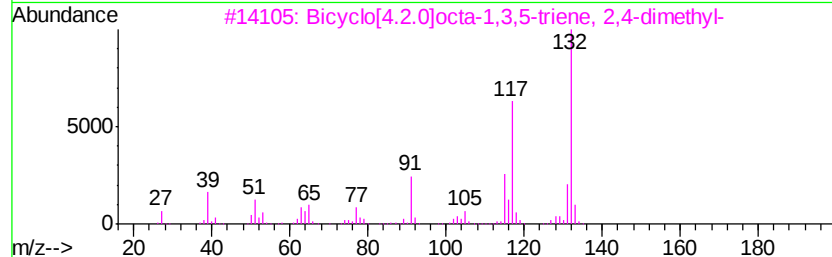
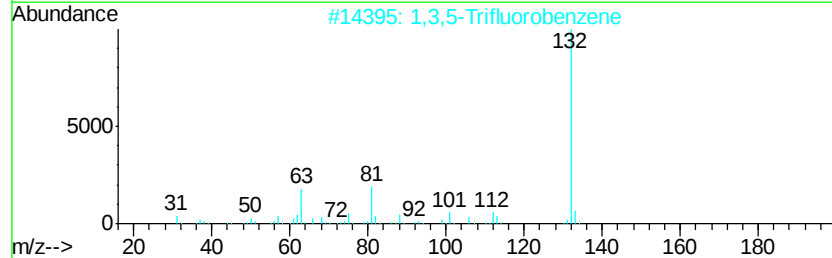
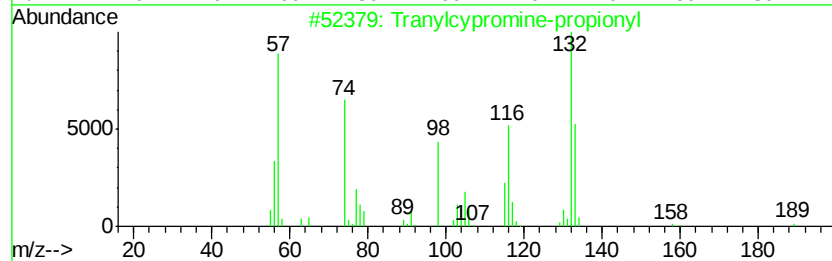
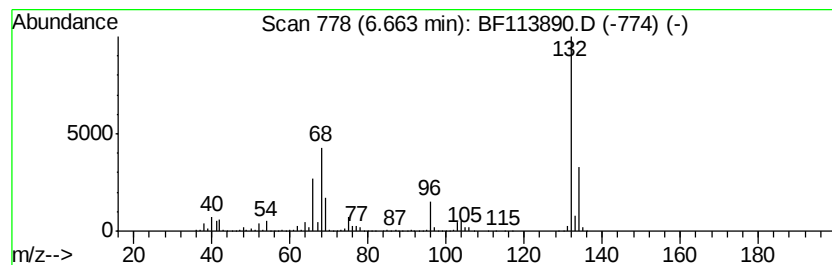
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.66 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.66 | 76.15 ng | 4047720 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Tranlylcypromine-propionyl           | 189 | C12H15NO | 1000123-86-3 | 10   |
| 2    |    | 1,3,5-Trifluorobenzene               | 132 | C6H3F3   | 000372-38-3  | 9    |
| 3    |    | Bicyclo[4.2.0]octa-1,3,5-triene, ... | 132 | C10H12   | 028749-81-7  | 9    |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal     | 132 | C6H9ClO  | 031357-76-3  | 9    |
| 5    |    | Xenon                                | 132 | Xe       | 007440-63-3  | 9    |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

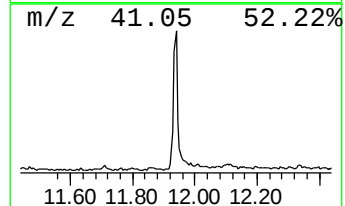
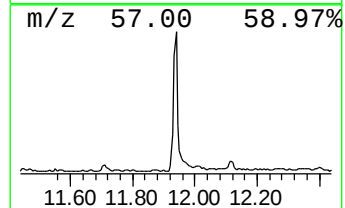
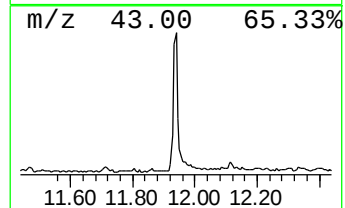
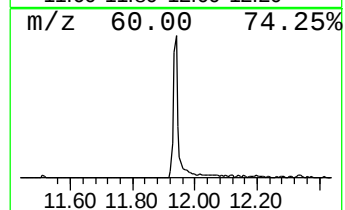
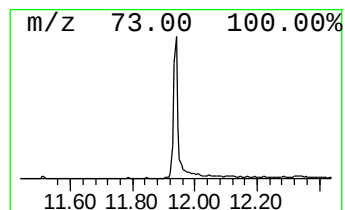
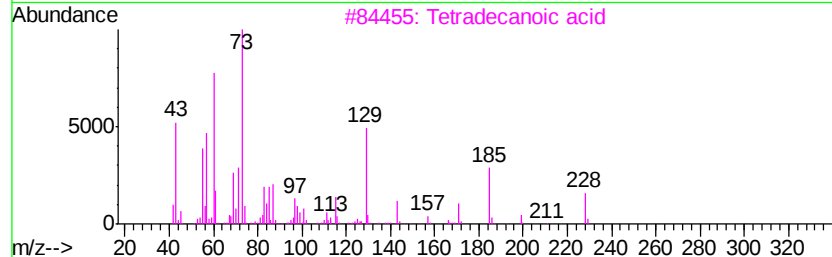
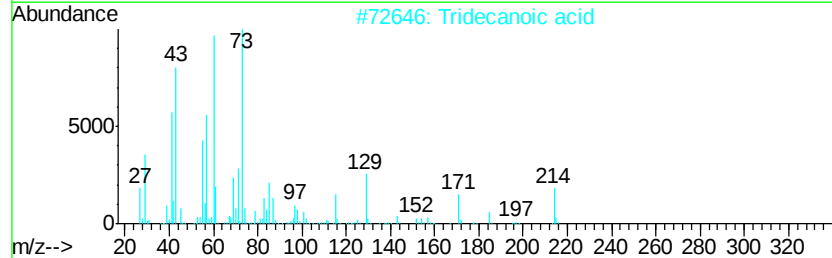
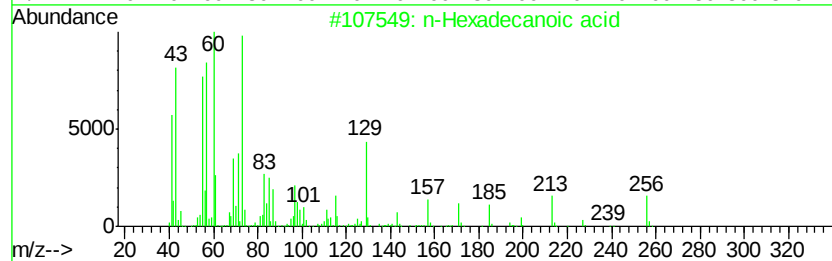
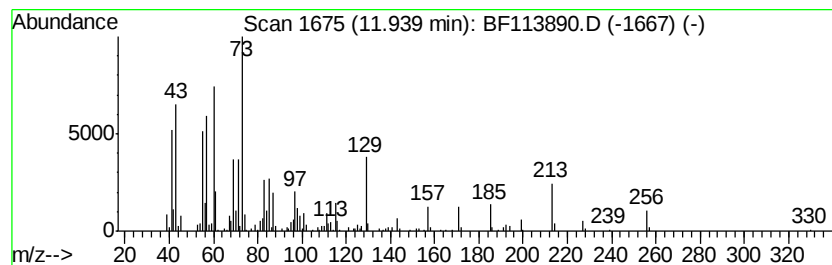
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.94 | 5.84 ng | 425345 | Phenanthrene-d10 | 11.41 |

| Hit# of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|-----------|---------------------|-----|----------|-------------|------|
| 1         | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2         | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 3         | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 89   |
| 4         | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 81   |
| 5         | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 68   |



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TP-16

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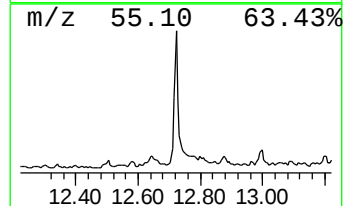
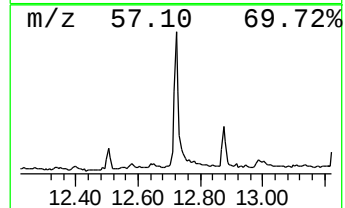
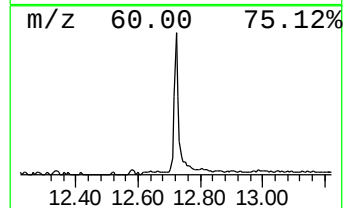
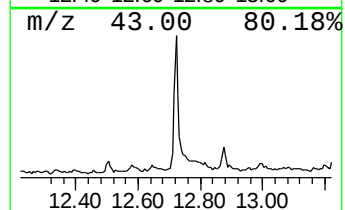
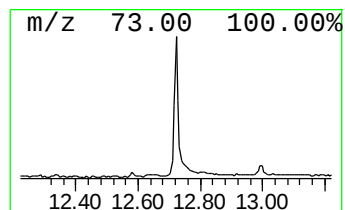
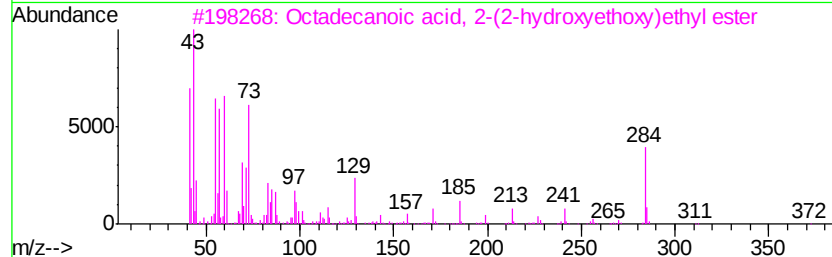
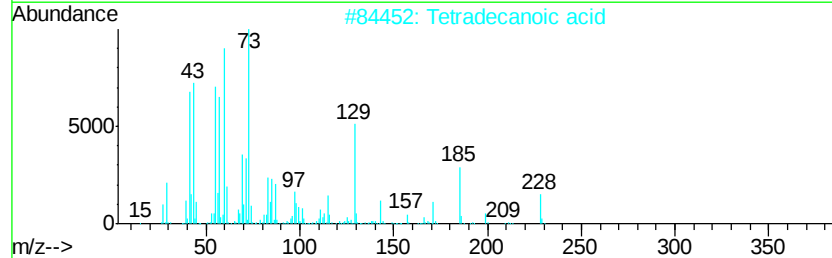
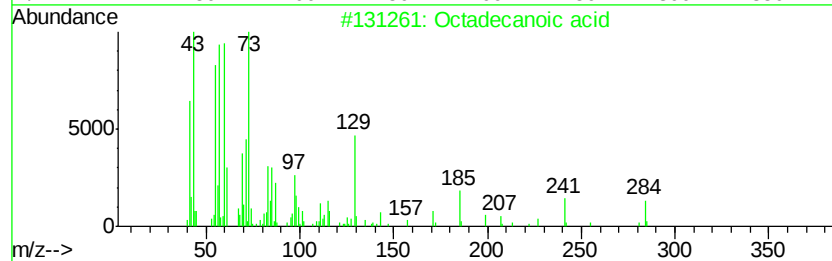
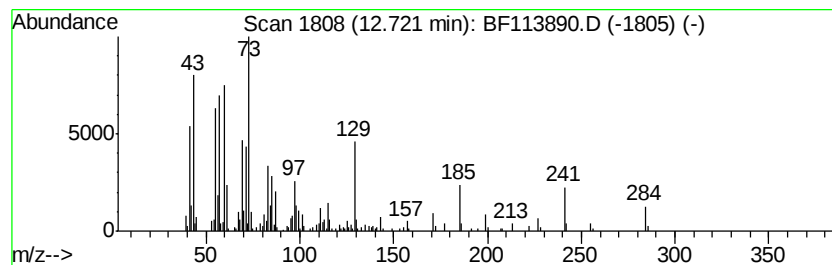
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Octadecanoic acid Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.72 | 5.61 ng | 408411 | Phenanthrene-d10 | 11.41 |

| Hit# of | 5                                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|-------------------------------------|--------------|----------|-------------|------|------|
| 1       | Octadecanoic acid                   | 284          | C18H36O2 | 000057-11-4 | 99   |      |
| 2       | Tetradecanoic acid                  | 228          | C14H28O2 | 000544-63-8 | 86   |      |
| 3       | Octadecanoic acid, 2-(2-hydroxye... | 372          | C22H44O4 | 000106-11-6 | 72   |      |
| 4       | n-Decanoic acid                     | 172          | C10H20O2 | 000334-48-5 | 70   |      |
| 5       | Pentadecanoic acid                  | 242          | C15H30O2 | 001002-84-2 | 58   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042219\  
Data File : BF113890.D  
Acq On : 22 Apr 2019 20:57  
Operator : JU/SJ  
Sample : K2515-23  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

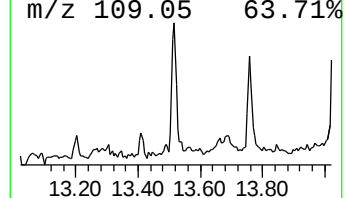
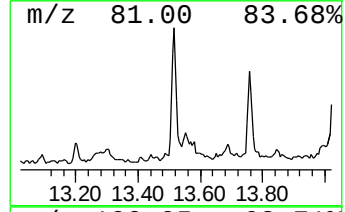
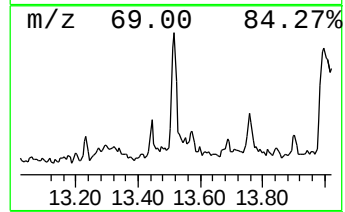
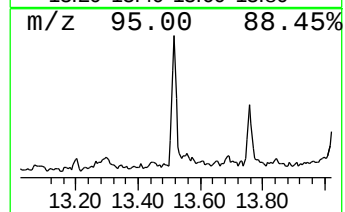
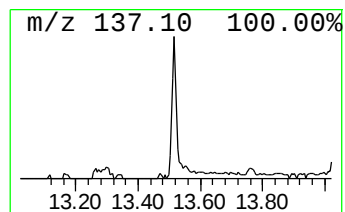
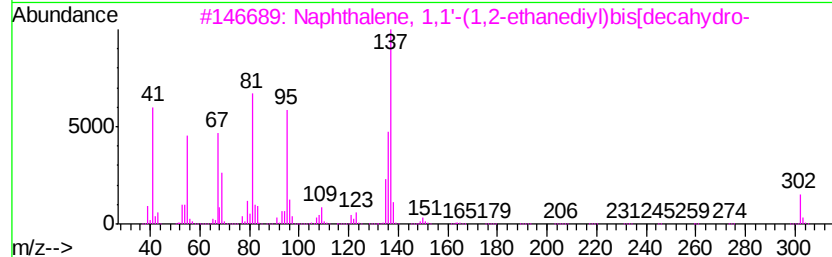
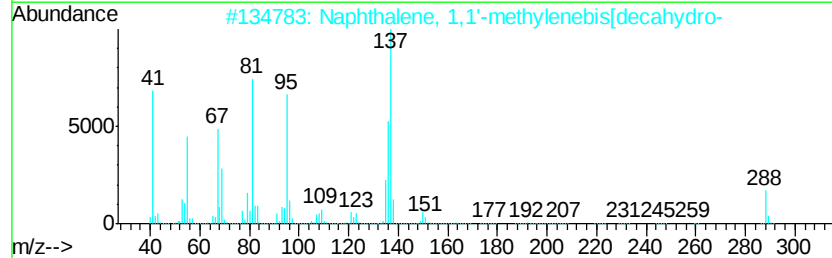
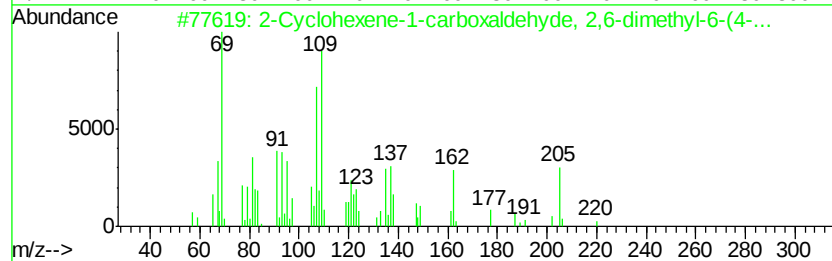
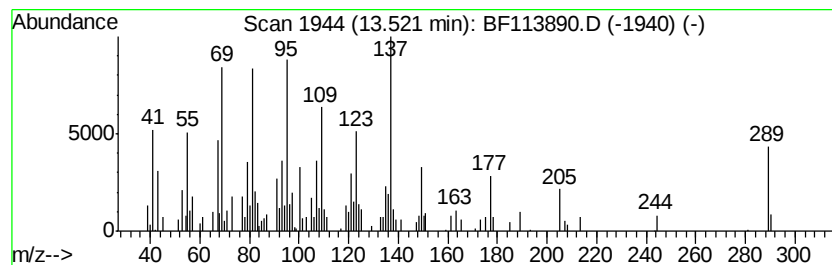
Instrument :  
BNA\_F  
ClientSampled :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 2-Cyclohexene-1-carboxaldeh... Concentration Rank 13

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.    |             |      |
|---------|-------------------------------------|--------------|------------------|---------|-------------|------|
| 13.52   | 2.73 ng                             | 164309       | Chrysene-d12     | 14.05   |             |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm | CAS#        | Qual |
| 1       | 2-Cyclohexene-1-carboxaldehyde, ... | 220          | C15H24O          |         | 056772-07-7 | 56   |
| 2       | Naphthalene, 1,1'-methylenebis[d... | 288          | C21H36           |         | 055125-02-5 | 52   |
| 3       | Naphthalene, 1,1'-(1,2-ethanedi...  | 302          | C22H38           |         | 054934-69-9 | 52   |
| 4       | Naphthalene, 2-butyldecahydro-      | 194          | C14H26           |         | 006305-52-8 | 47   |
| 5       | trans, cis-3-Ethylbicyclo[4.4.0]... | 166          | C12H22           |         | 066660-43-3 | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042219\  
Data File : BF113890.D  
Acq On : 22 Apr 2019 20:57  
Operator : JU/SJ  
Sample : K2515-23  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

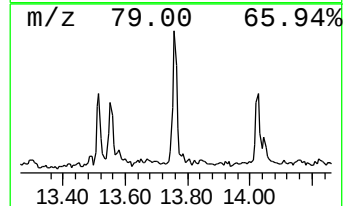
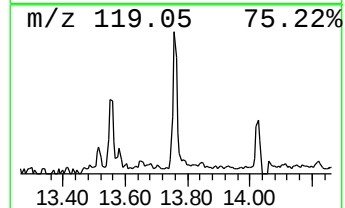
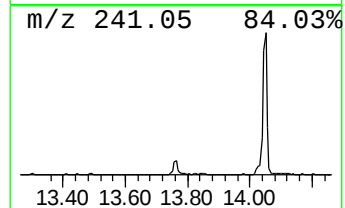
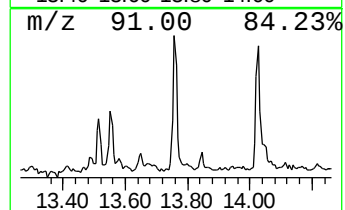
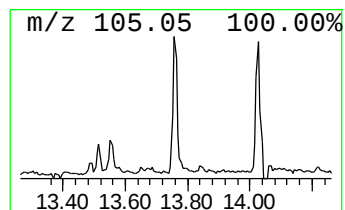
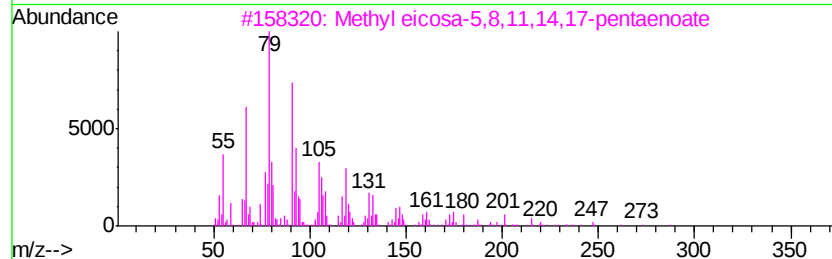
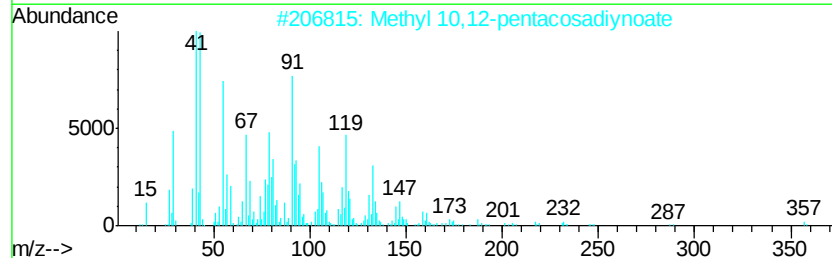
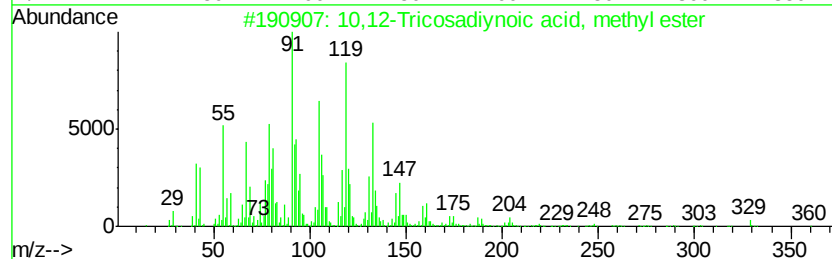
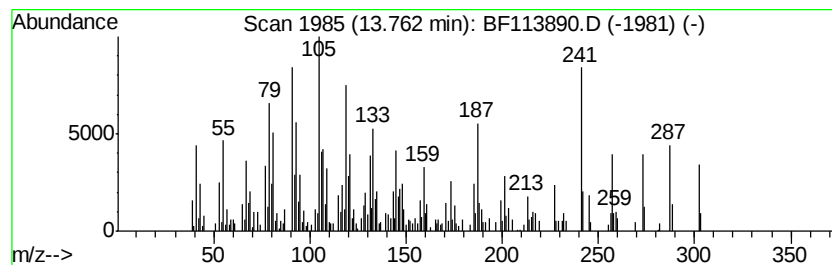
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 unknown13.76 Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.76 | 5.42 ng | 326228 | Chrysene-d12     | 14.05 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 10,12-Tricosadiynoic acid, methy...  | 360 | C24H40O2 | 1000333-59-4 | 42   |
| 2    |    | Methyl 10,12-pentacosadiynoate       | 388 | C26H44O2 | 1000342-58-7 | 30   |
| 3    |    | Methyl eicosa-5,8,11,14,17-penta...  | 316 | C21H32O2 | 001191-65-7  | 25   |
| 4    |    | Androst-5-en-3-ol, 4,4-dimethyl-...  | 302 | C21H34O  | 007673-17-8  | 25   |
| 5    |    | Bicyclo[4.1.0]heptane, 7-bicyclo[... | 188 | C14H20   | 1000152-39-9 | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042219\  
Data File : BF113890.D  
Acq On : 22 Apr 2019 20:57  
Operator : JU/SJ  
Sample : K2515-23  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

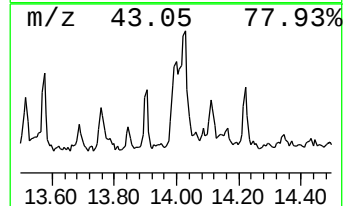
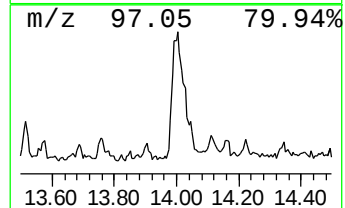
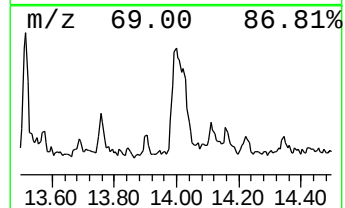
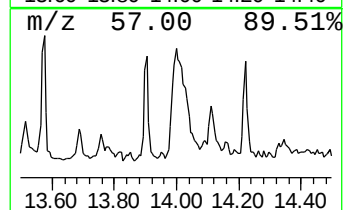
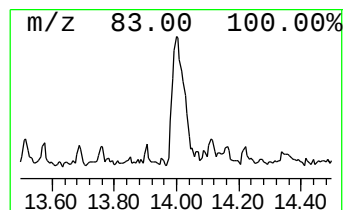
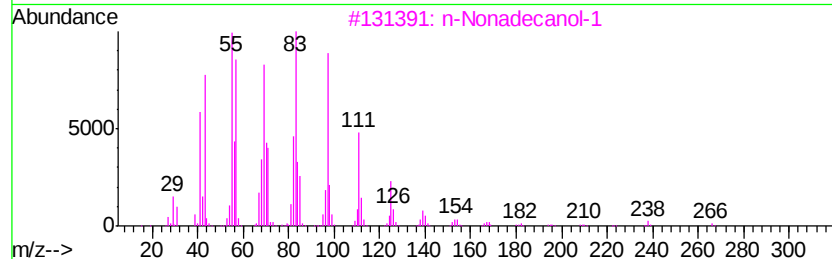
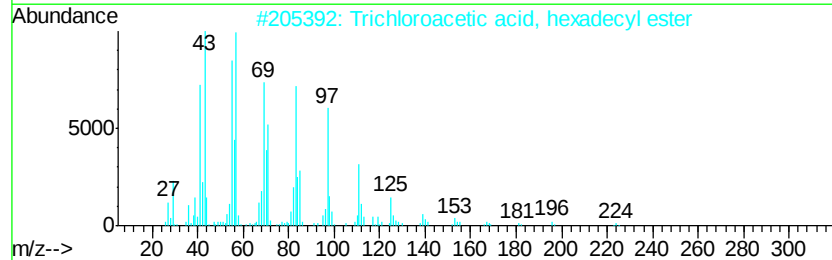
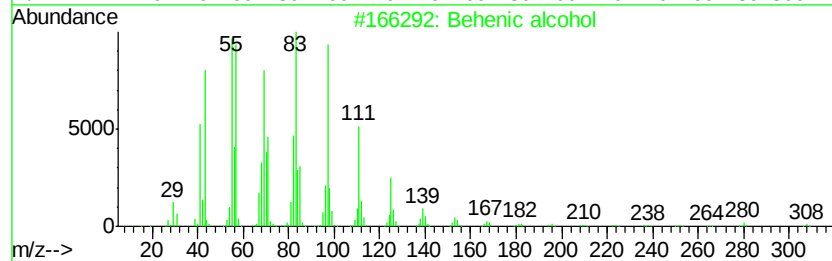
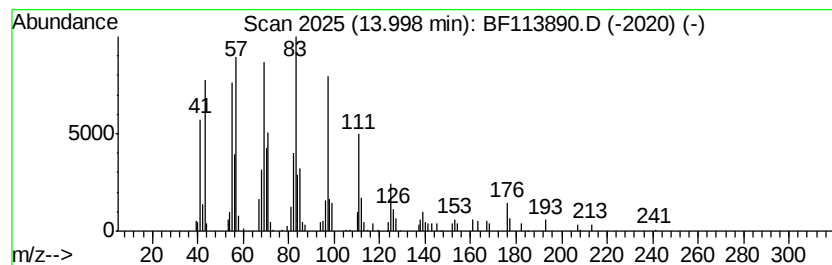
Instrument :  
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ClientSampleId :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Behenic alcohol Concentration Rank 12

| R.T.    | EstConc | Area                                | Relative to ISTD |             | R.T.        |      |
|---------|---------|-------------------------------------|------------------|-------------|-------------|------|
| 14.00   | 2.76 ng | 166206                              | Chrysene-d12     |             | 14.05       |      |
| Hit# of | 5       | Tentative ID                        | MW               | MolForm     | CAS#        | Qual |
| 1       |         | Behenic alcohol                     | 326              | C22H46O     | 000661-19-8 | 93   |
| 2       |         | Trichloroacetic acid, hexadecyl ... | 386              | C18H33Cl3O2 | 074339-54-1 | 91   |
| 3       |         | n-Nonadecanol-1                     | 284              | C19H40O     | 001454-84-8 | 91   |
| 4       |         | Pentafluoropropionic acid, penta... | 374              | C18H31F5O2  | 959092-08-1 | 87   |
| 5       |         | Trifluoroacetoxy hexadecane         | 338              | C18H33F3O2  | 006222-03-3 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042219\  
Data File : BF113890.D  
Acq On : 22 Apr 2019 20:57  
Operator : JU/SJ  
Sample : K2515-23  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

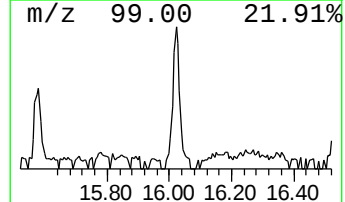
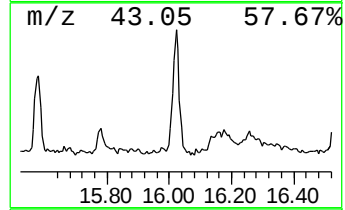
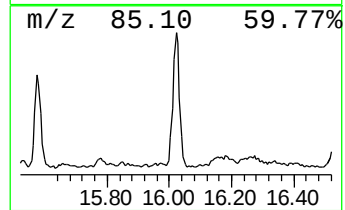
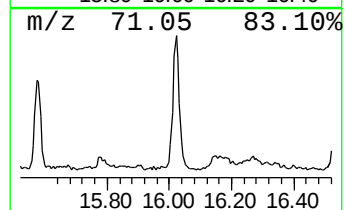
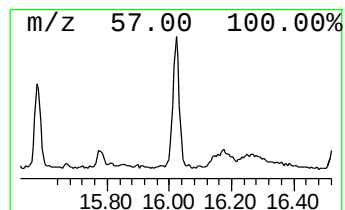
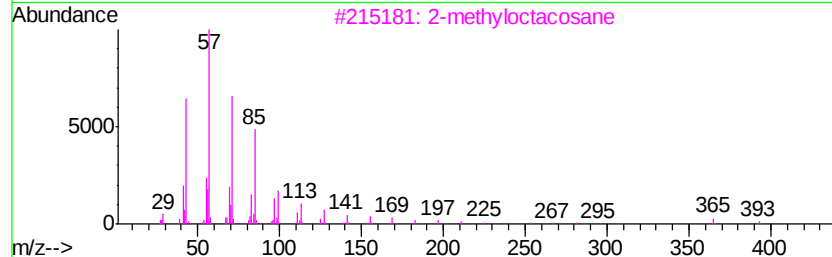
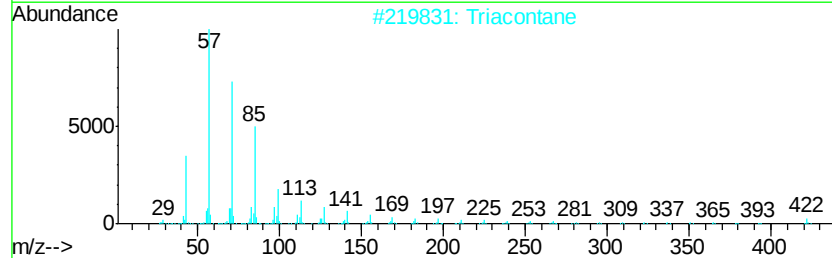
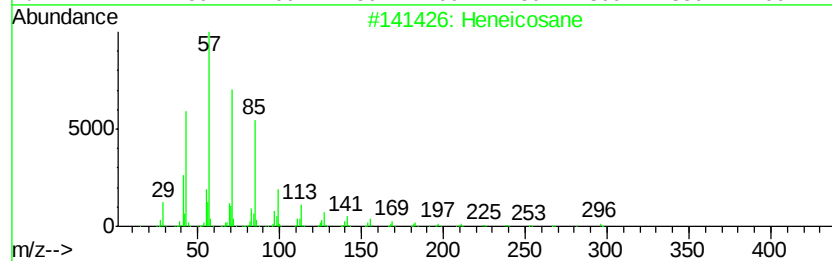
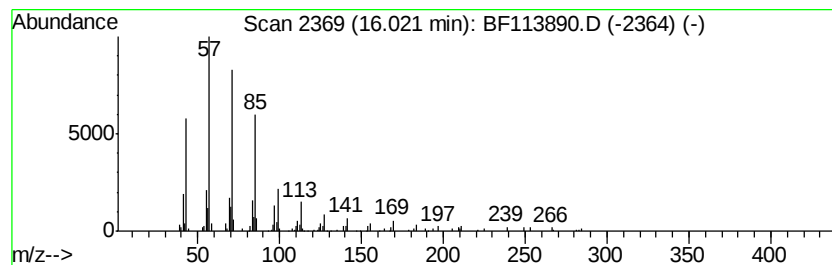
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Heneicosane Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.02 | 3.02 ng | 211146 | Perylene-d12     | 15.53 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 2    |    | Triacontane        | 422 | C30H62  | 000638-68-6  | 91   |
| 3    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 4    |    | Hexacosane         | 366 | C26H54  | 000630-01-3  | 90   |
| 5    |    | Tetracosane        | 338 | C24H50  | 000646-31-1  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042219\  
Data File : BF113890.D  
Acq On : 22 Apr 2019 20:57  
Operator : JU/SJ  
Sample : K2515-23  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

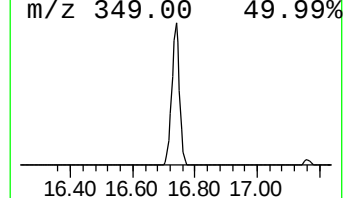
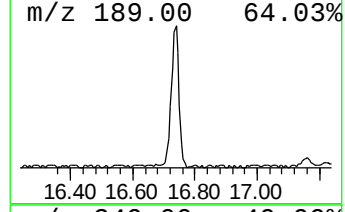
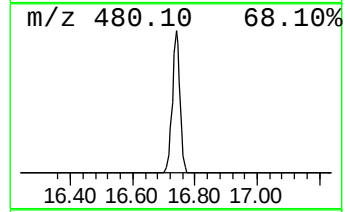
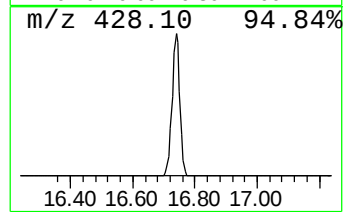
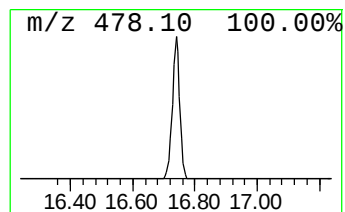
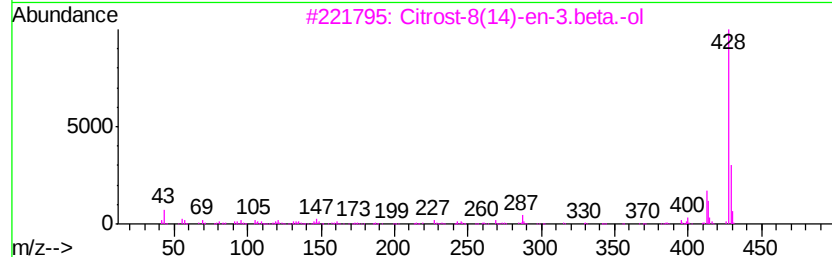
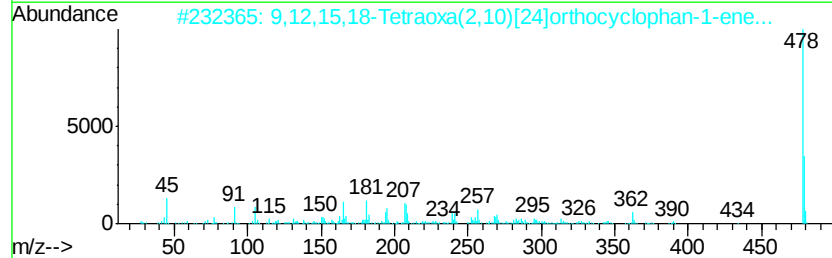
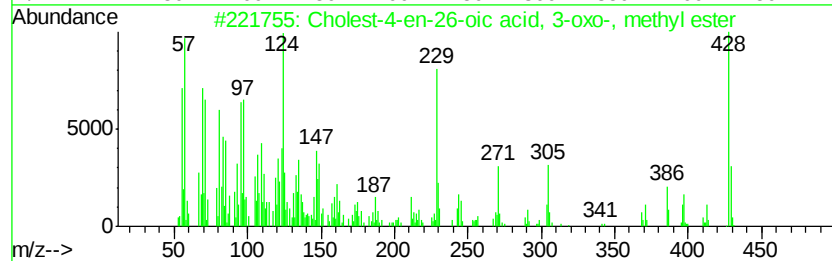
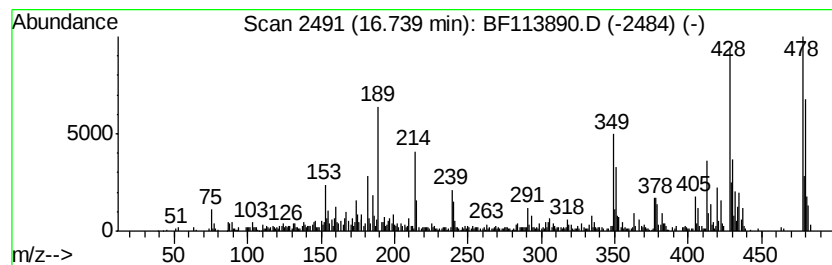
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Cholest-4-en-26-oic acid, 3... Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 16.74 | 17.30 ng | 1209730 | Perylene-d12     | 15.53 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cholest-4-en-26-oic acid, 3-oxo-... | 428 | C28H44O3    | 053481-64-4  | 91   |
| 2    |    | 9,12,15,18-Tetraoxa(2,10)[24]ort... | 478 | C32H30O4    | 1000163-94-5 | 35   |
| 3    |    | Citrost-8(14)-en-3.beta.-ol         | 428 | C30H52O     | 1000128-10-1 | 35   |
| 4    |    | Silane, diethyl(1-naphthoxy)trid... | 428 | C27H44O2Si  | 1000363-80-6 | 20   |
| 5    |    | Ferrocene, [11-(acetylthio)-1-ox... | 428 | C23H32FeO2S | 1000115-80-7 | 20   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042219\  
Data File : BF113890.D  
Acq On : 22 Apr 2019 20:57  
Operator : JU/SJ  
Sample : K2515-23  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

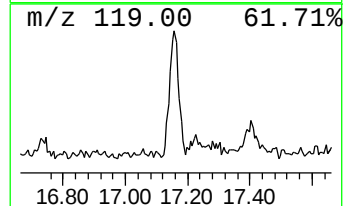
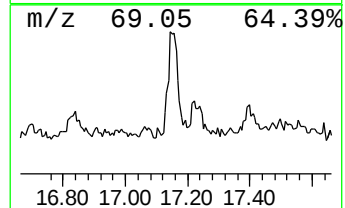
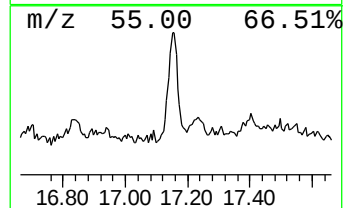
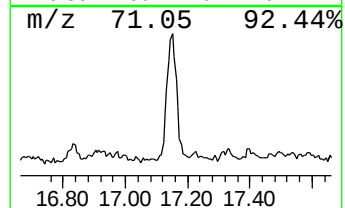
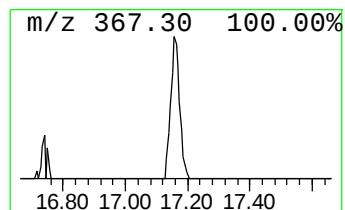
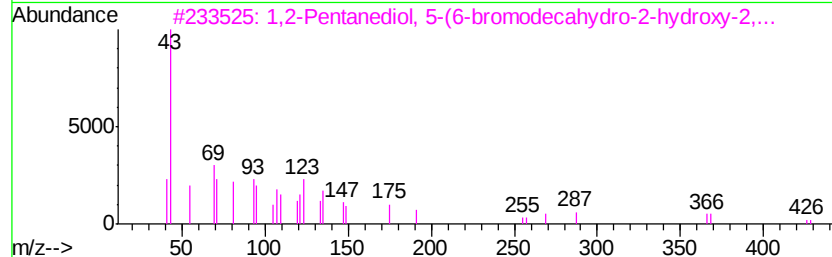
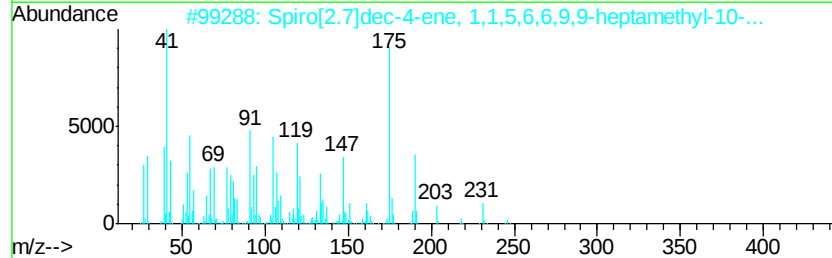
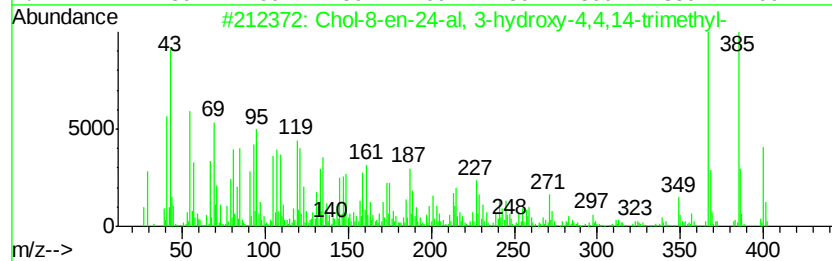
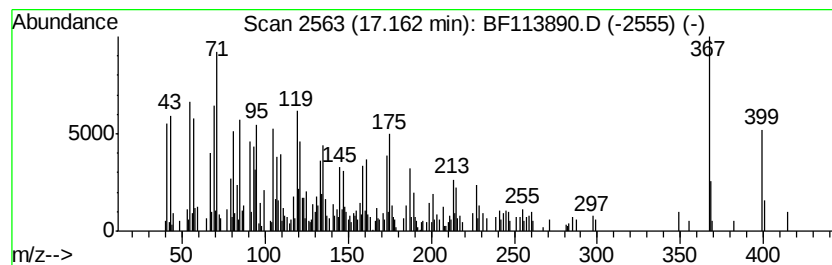
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown17.16 Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.16 | 6.30 ng | 440648 | Perylene-d12     | 15.53 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Chol-8-en-24-al, 3-hydroxy-4,4,1... | 400 | C27H44O2   | 1000194-01-9 | 46   |
| 2    |    | Spiro[2.7]dec-4-ene, 1,1,5,6,6,9... | 246 | C18H30     | 1000150-39-7 | 22   |
| 3    |    | 1,2-Pentanediol, 5-(6-bromodecah... | 486 | C24H39BrO5 | 115334-14-0  | 16   |
| 4    |    | Acethydrazide, 2-(4-nitrophenyl)... | 369 | C20H23N3O4 | 1000263-97-6 | 15   |
| 5    |    | Benzenamine, 4-methyl-N-(triphen... | 367 | C25H22NP   | 002327-67-5  | 11   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042219\  
Data File : BF113890.D  
Acq On : 22 Apr 2019 20:57  
Operator : JU/SJ  
Sample : K2515-23  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

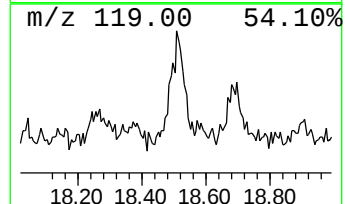
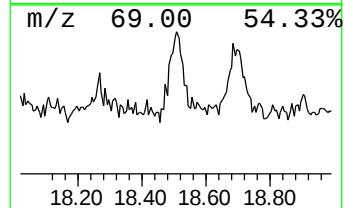
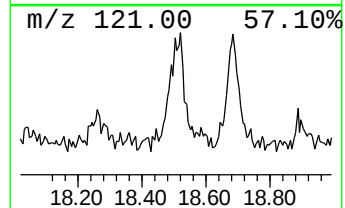
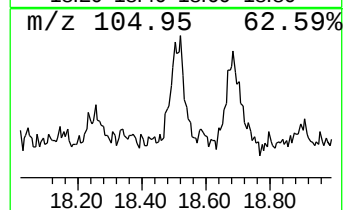
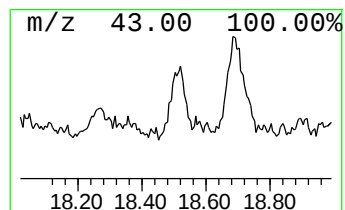
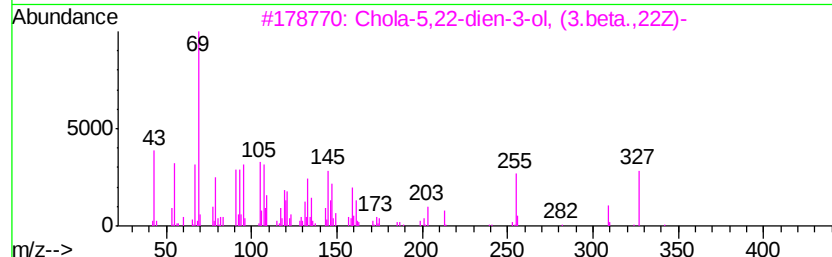
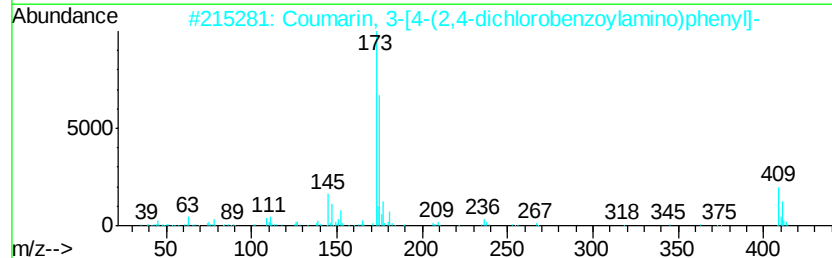
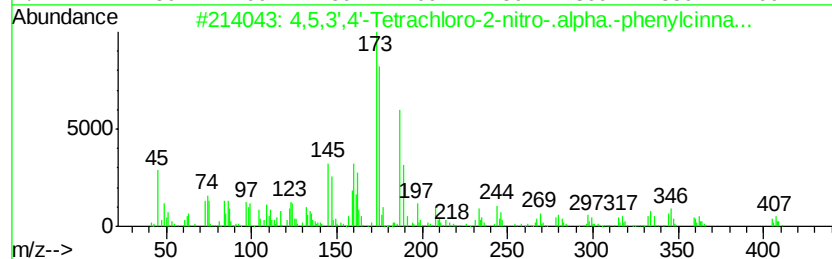
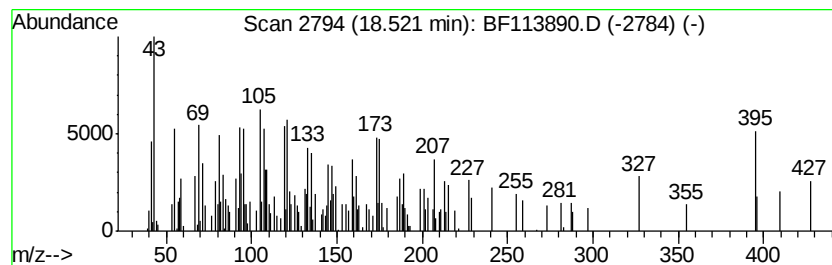
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 unknown18.52 Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.52 | 3.71 ng | 259091 | Perylene-d12     | 15.53 |

| Hit# | of | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------------|--------------|------|
| 1    | 5  | 4,5,3',4'-Tetrachloro-2-nitro-.a... | 405 | C15H7Cl4N04   | 056988-35-3  | 25   |
| 2    |    | Coumarin, 3-[4-(2,4-dichlorobenz... | 409 | C22H13Cl2N03  | 299406-42-1  | 22   |
| 3    |    | Chola-5,22-dien-3-ol, (3.beta.,2... | 342 | C24H38O       | 057597-14-5  | 10   |
| 4    |    | Propiconazole                       | 341 | C15H17Cl2N3O2 | 060207-90-1  | 10   |
| 5    |    | 4-Trifluoromethylbenzoic acid, m... | 259 | C12H12F3N02   | 1000307-24-4 | 10   |



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Sample : K2515-23  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

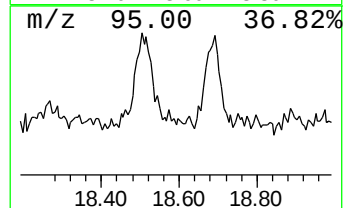
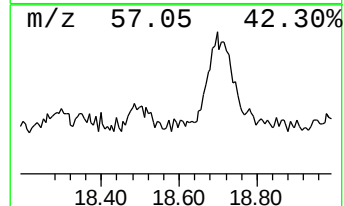
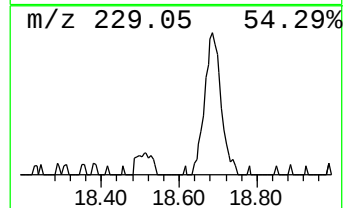
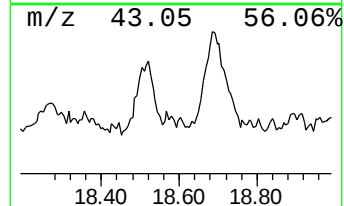
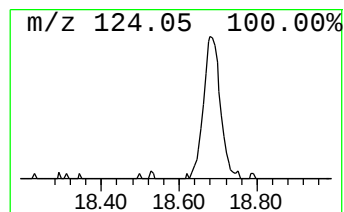
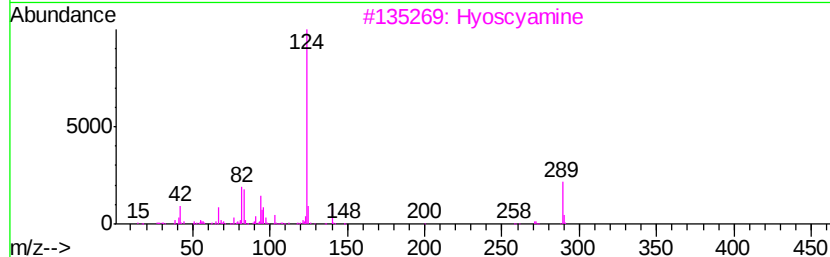
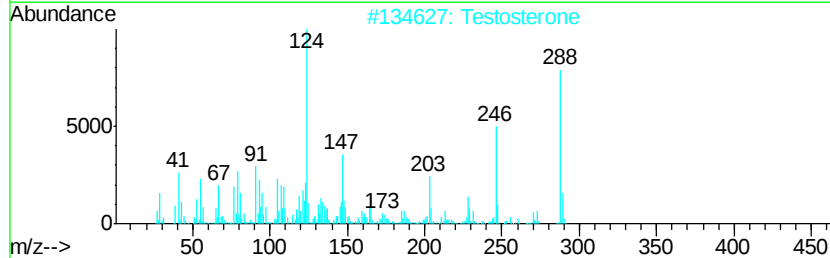
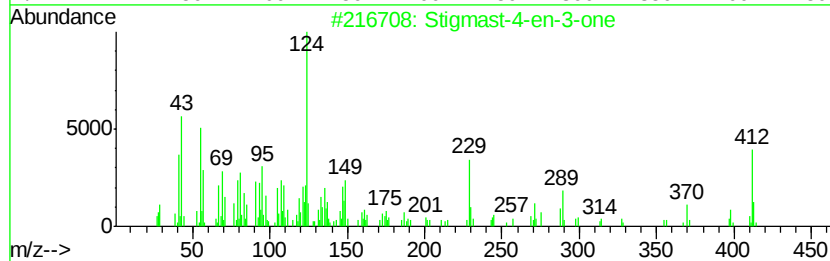
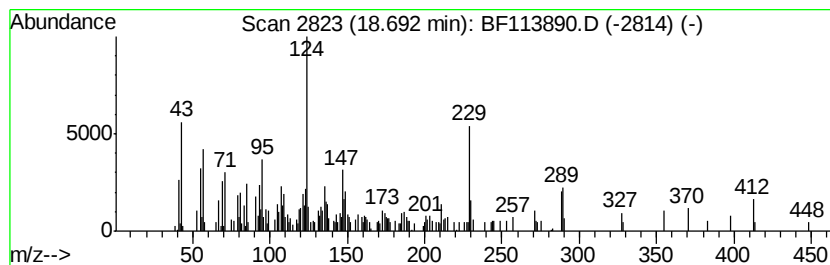
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Stigmast-4-en-3-one Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.69 | 5.33 ng | 372656 | Perylene-d12     | 15.53 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | Stigmast-4-en-3-one                 | 412 | C29H48O     | 001058-61-3 | 95   |
| 2    |    | Testosterone                        | 288 | C19H28O2    | 000058-22-0 | 42   |
| 3    |    | Hyoscyamine                         | 289 | C17H23NO3   | 000101-31-5 | 35   |
| 4    |    | 3-(3-Fluoroanilino)-1-(3-nitroph... | 288 | C15H13FN2O3 | 300726-64-1 | 30   |
| 5    |    | 3-(4-Fluoroanilino)-1-(3-nitroph... | 288 | C15H13FN2O3 | 350039-84-8 | 27   |



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 Operator : JU/SJ  
 Sample : K2515-23  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.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 |
| (1R)-2,6,6-Trimet... | 6.19  | 8.4     | ng    | 446970   | 1                     | 6.89  | 1063130 | 20.0 |
| unknown6.66          | 6.66  | 76.2    | ng    | 4047720  | 1                     | 6.89  | 1063130 | 20.0 |
| n-Hexadecanoic acid  | 11.94 | 5.8     | ng    | 425345   | 4                     | 11.41 | 1455630 | 20.0 |
| Octadecanoic acid    | 12.72 | 5.6     | ng    | 408411   | 4                     | 11.41 | 1455630 | 20.0 |
| 2-Cyclohexene-1-c... | 13.52 | 2.7     | ng    | 164309   | 5                     | 14.05 | 1204300 | 20.0 |
| unknown13.76         | 13.76 | 5.4     | ng    | 326228   | 5                     | 14.05 | 1204300 | 20.0 |
| Behenic alcohol      | 14.00 | 2.8     | ng    | 166206   | 5                     | 14.05 | 1204300 | 20.0 |
| Heneicosane          | 16.02 | 3.0     | ng    | 211146   | 6                     | 15.53 | 1398150 | 20.0 |
| Cholest-4-en-26-o... | 16.74 | 17.3    | ng    | 1209730  | 6                     | 15.53 | 1398150 | 20.0 |
| unknown17.16         | 17.16 | 6.3     | ng    | 440648   | 6                     | 15.53 | 1398150 | 20.0 |
| unknown18.52         | 18.52 | 3.7     | ng    | 259091   | 6                     | 15.53 | 1398150 | 20.0 |
| Stigmast-4-en-3-one  | 18.69 | 5.3     | ng    | 372656   | 6                     | 15.53 | 1398150 | 20.0 |