

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
 Data File : BF123685.D  
 Acq On : 22 Apr 2021 11:14  
 Operator : JU/CG  
 Sample : M2114-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GMW-X

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-BF041521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123685.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.187       | 13            | 17          | 28           | rVB      | 230762         | 350977        | 4.66%           | 0.578%        |
| 2         | 5.469       | 572           | 575         | 584          | rBV      | 3374449        | 3142593       | 41.75%          | 5.173%        |
| 3         | 6.481       | 744           | 747         | 758          | rVB2     | 2297001        | 2434938       | 32.35%          | 4.008%        |
| 4         | 6.681       | 778           | 781         | 789          | rBV2     | 77042          | 118852        | 1.58%           | 0.196%        |
| 5         | 6.851       | 806           | 810         | 813          | rBV      | 1623133        | 1292906       | 17.18%          | 2.128%        |
| 6         | 7.416       | 901           | 906         | 909          | rBV      | 5350686        | 4907795       | 65.20%          | 8.078%        |
| 7         | 7.504       | 916           | 921         | 929          | rBV5     | 45304          | 81250         | 1.08%           | 0.134%        |
| 8         | 8.134       | 1025          | 1028        | 1032         | rBV      | 2009236        | 1644795       | 21.85%          | 2.707%        |
| 9         | 9.216       | 1207          | 1212        | 1215         | rBV      | 8496683        | 7527425       | 100.00%         | 12.390%       |
| 10        | 9.604       | 1275          | 1278        | 1282         | rBV      | 477987         | 427273        | 5.68%           | 0.703%        |
| 11        | 9.710       | 1293          | 1296        | 1308         | rBV3     | 113764         | 214255        | 2.85%           | 0.353%        |
| 12        | 9.892       | 1320          | 1327        | 1331         | rBV      | 1954091        | 1793637       | 23.83%          | 2.952%        |
| 13        | 10.098      | 1357          | 1362        | 1369         | rBV      | 116135         | 163347        | 2.17%           | 0.269%        |
| 14        | 10.275      | 1388          | 1392        | 1395         | rBV      | 1611062        | 1271663       | 16.89%          | 2.093%        |
| 15        | 10.686      | 1458          | 1462        | 1466         | rBV      | 5374596        | 5104248       | 67.81%          | 8.402%        |
| 16        | 11.386      | 1577          | 1581        | 1584         | rBV      | 2134866        | 1862324       | 24.74%          | 3.065%        |
| 17        | 11.680      | 1628          | 1631        | 1633         | rBV      | 110271         | 86607         | 1.15%           | 0.143%        |
| 18        | 11.922      | 1655          | 1672        | 1690         | rBV2     | 2536599        | 7000890       | 93.01%          | 11.523%       |
| 19        | 12.057      | 1692          | 1695        | 1698         | rVV3     | 163233         | 224157        | 2.98%           | 0.369%        |
| 20        | 12.086      | 1698          | 1700        | 1715         | rVB2     | 200727         | 444809        | 5.91%           | 0.732%        |
| 21        | 12.363      | 1745          | 1747        | 1752         | rVB      | 117969         | 117622        | 1.56%           | 0.194%        |
| 22        | 12.474      | 1760          | 1766        | 1775         | rVB2     | 213471         | 395999        | 5.26%           | 0.652%        |
| 23        | 12.627      | 1780          | 1792        | 1801         | rBV2     | 355699         | 1086485       | 14.43%          | 1.788%        |
| 24        | 12.704      | 1802          | 1805        | 1811         | rBV2     | 220067         | 248685        | 3.30%           | 0.409%        |
| 25        | 12.851      | 1827          | 1830        | 1838         | rVB      | 129227         | 142929        | 1.90%           | 0.235%        |
| 26        | 12.980      | 1847          | 1852        | 1855         | rBV      | 7457911        | 6782934       | 90.11%          | 11.165%       |
| 27        | 13.210      | 1888          | 1891        | 1894         | rBV      | 116076         | 110869        | 1.47%           | 0.182%        |
| 28        | 13.533      | 1939          | 1946        | 1954         | rBV      | 772807         | 1364658       | 18.13%          | 2.246%        |
| 29        | 13.886      | 2002          | 2006        | 2017         | rBV2     | 539191         | 1059037       | 14.07%          | 1.743%        |
| 30        | 14.033      | 2027          | 2031        | 2040         | rVB      | 1719269        | 1557745       | 20.69%          | 2.564%        |
| 31        | 14.198      | 2053          | 2059        | 2067         | rBV      | 873204         | 1230575       | 16.35%          | 2.026%        |
| 32        | 14.504      | 2108          | 2111        | 2114         | rVB      | 174365         | 141984        | 1.89%           | 0.234%        |
| 33        | 14.739      | 2146          | 2151        | 2155         | rBV      | 732259         | 1103287       | 14.66%          | 1.816%        |
| 34        | 14.815      | 2161          | 2164        | 2170         | rBV2     | 191385         | 281836        | 3.74%           | 0.464%        |
| 35        | 15.162      | 2219          | 2223        | 2228         | rVB      | 173453         | 240525        | 3.20%           | 0.396%        |
| 36        | 15.327      | 2245          | 2251        | 2258         | rBV2     | 394873         | 766364        | 10.18%          | 1.261%        |

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Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

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-BF041521.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 15.515 | 2278 | 2283 | 2287 | rBV  | 962525 | 1171467 | 15.56% | 1.928% |
| 38 | 15.986 | 2357 | 2363 | 2372 | rVB  | 400076 | 856244  | 11.37% | 1.409% |
| 39 | 16.415 | 2430 | 2436 | 2448 | rBV  | 129186 | 519723  | 6.90%  | 0.855% |
| 40 | 16.751 | 2487 | 2493 | 2502 | rVB2 | 253324 | 570611  | 7.58%  | 0.939% |
| 41 | 17.121 | 2550 | 2556 | 2564 | rVB4 | 166118 | 406063  | 5.39%  | 0.668% |
| 42 | 17.645 | 2638 | 2645 | 2654 | rVB4 | 161652 | 503336  | 6.69%  | 0.828% |

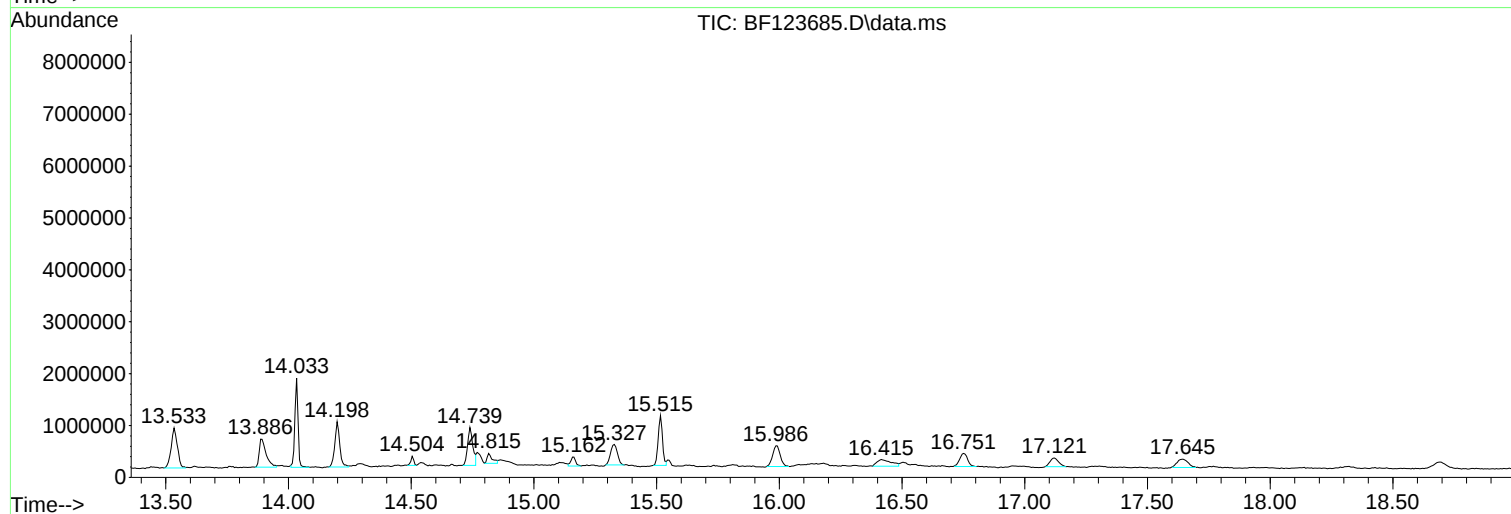
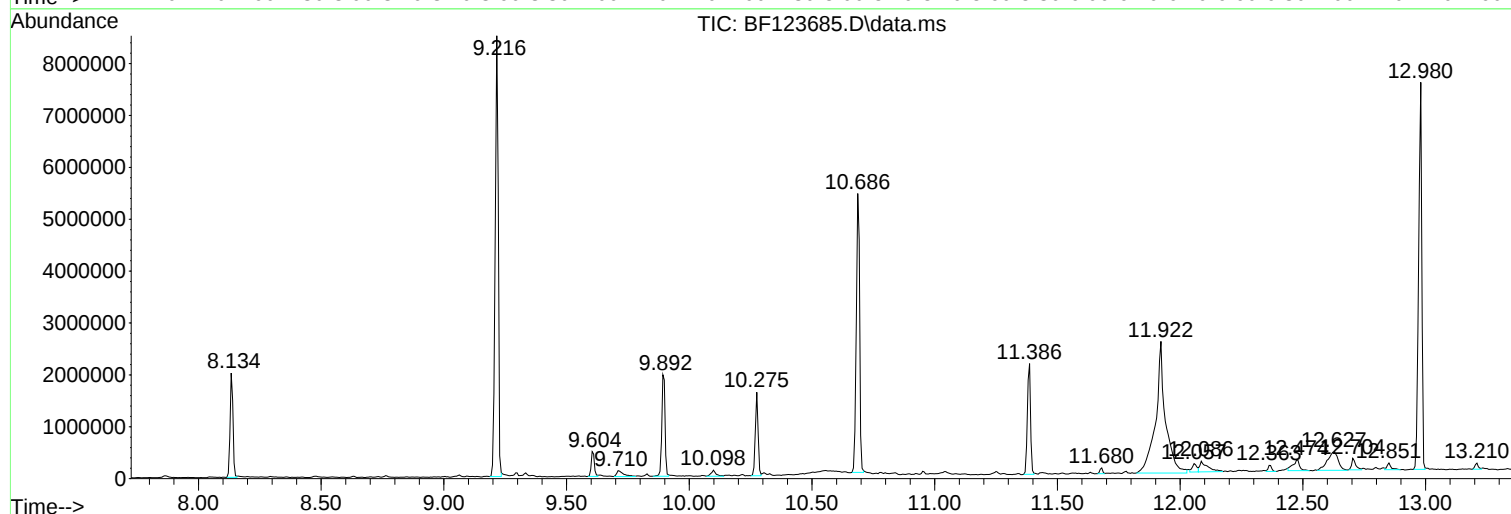
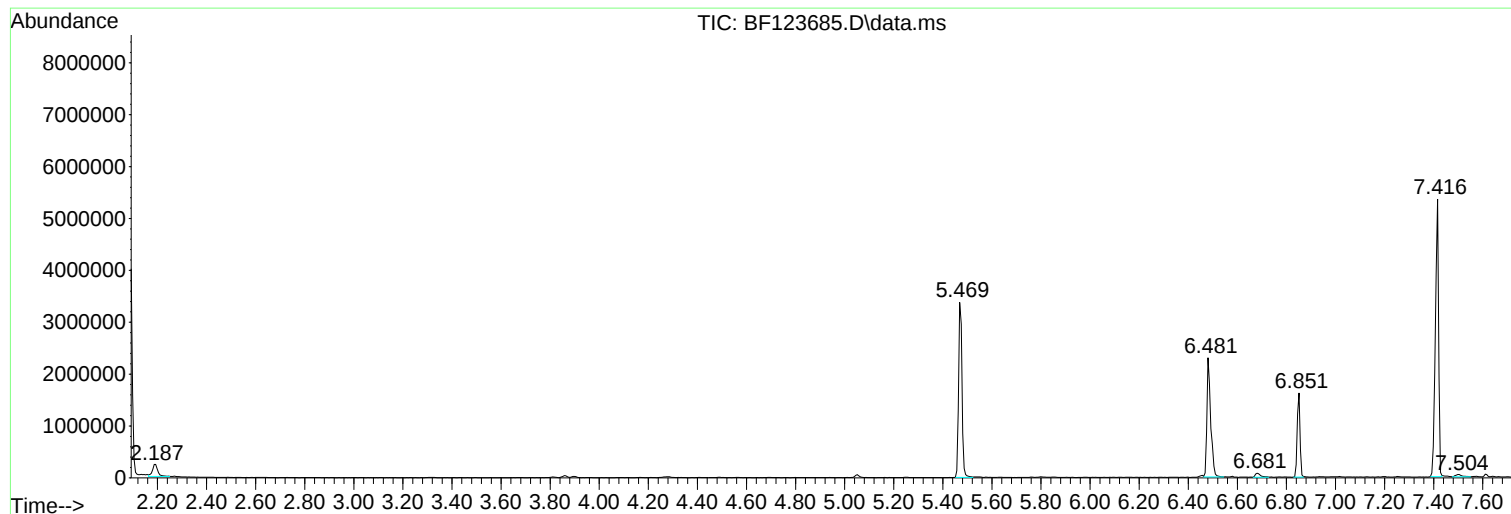
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

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GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.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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Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

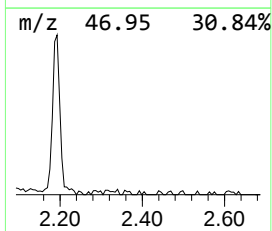
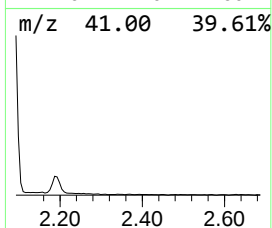
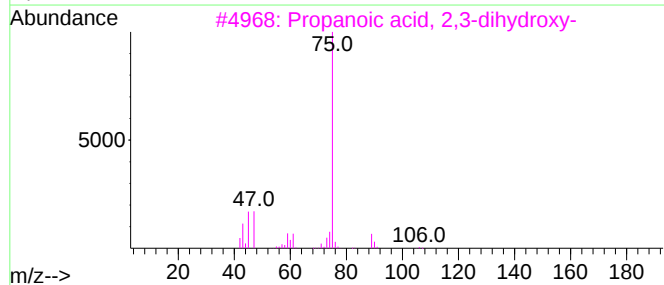
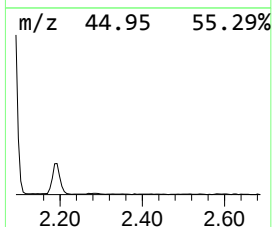
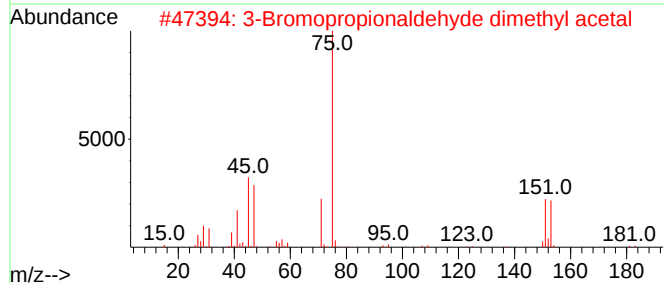
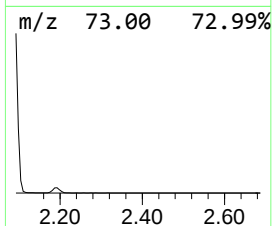
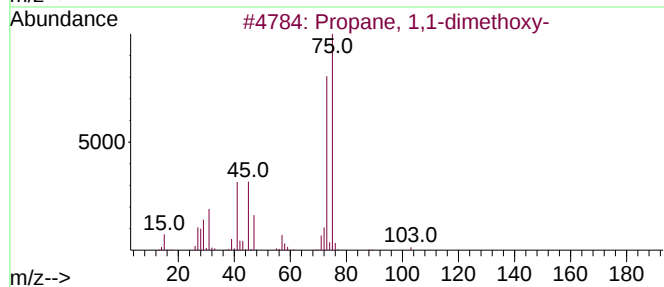
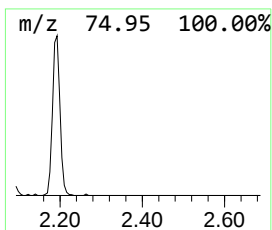
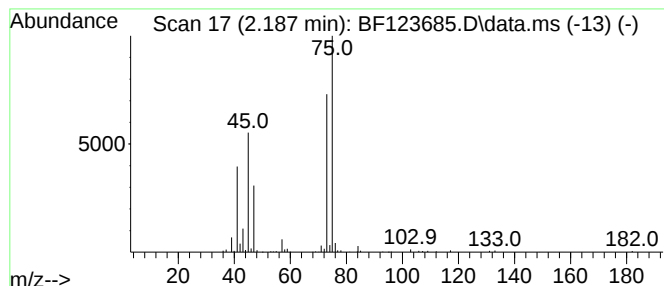
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown2.18 Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 2.187 | 5.43 ng | 350977 | 1,4-Dichlorobenzene-d4 | 6.851 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Propane, 1,1-dimethoxy-             | 104 | C5H12O2   | 004744-10-9 | 45   |
| 2    |    |   | 3-Bromopropionaldehyde dimethyl ... | 182 | C5H11BrO2 | 036255-44-4 | 45   |
| 3    |    |   | Propanoic acid, 2,3-dihydroxy-      | 106 | C3H6O4    | 000473-81-4 | 40   |
| 4    |    |   | Methane, trimethoxy-                | 106 | C4H10O3   | 000149-73-5 | 40   |
| 5    |    |   | Isothiocyanatoacetaldehyde dimet... | 147 | C5H9NO2S  | 075052-04-9 | 36   |



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

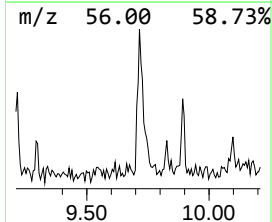
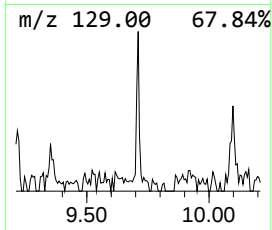
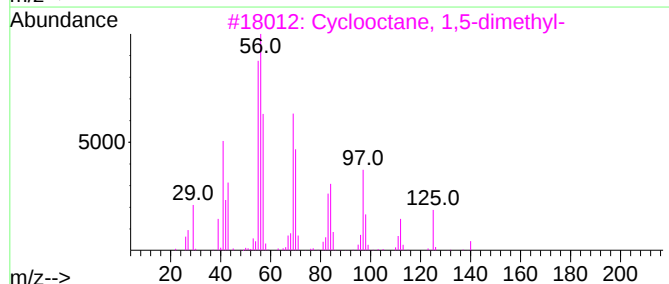
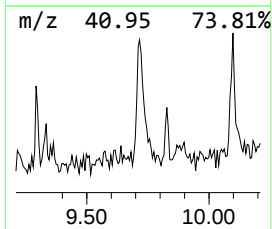
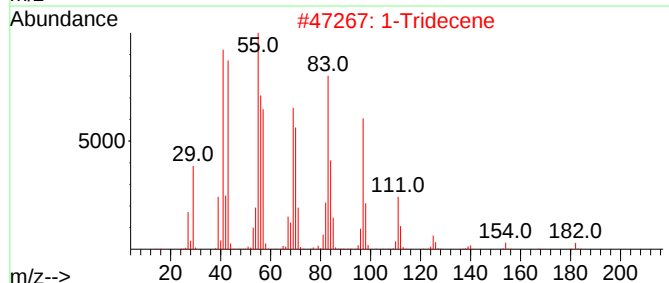
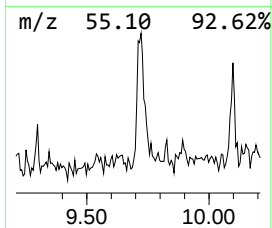
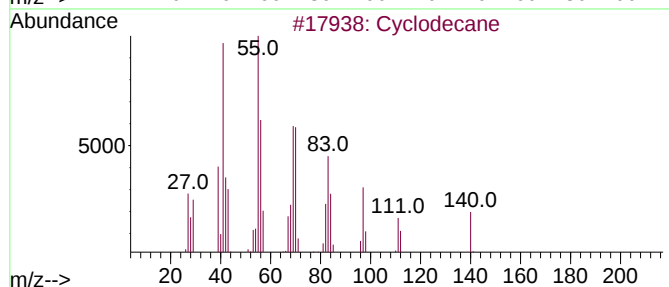
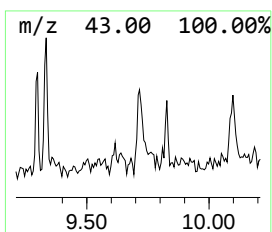
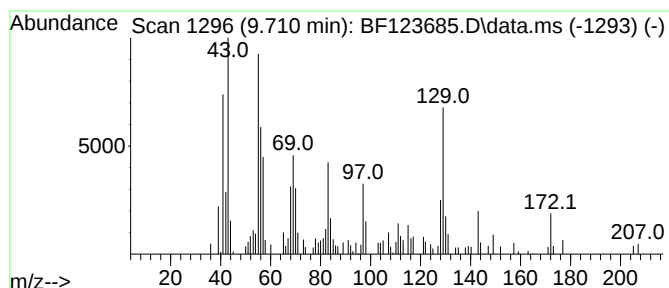
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown9.71 Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.710 | 2.39 ng | 214255 | Acenaphthene-d10 | 9.892 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclodecane                | 140 | C10H20  | 000293-96-9 | 41   |
| 2    |    |   | 1-Tridecene                | 182 | C13H26  | 002437-56-1 | 25   |
| 3    |    |   | Cyclooctane, 1,5-dimethyl- | 140 | C10H20  | 021328-57-4 | 20   |
| 4    |    |   | 1-Undecanol                | 172 | C11H24O | 000112-42-5 | 18   |
| 5    |    |   | 2-Heptenal, (Z)-           | 112 | C7H12O  | 057266-86-1 | 18   |



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

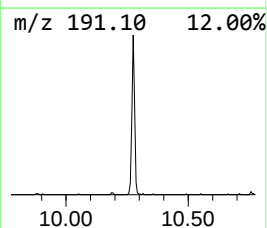
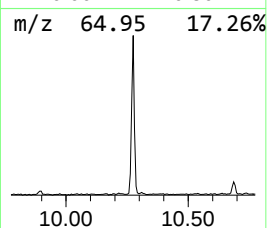
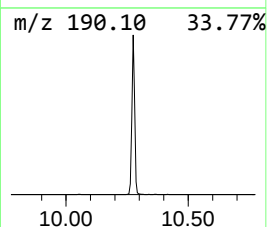
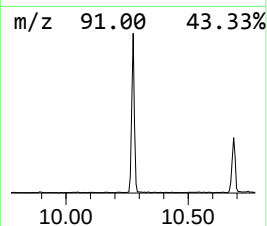
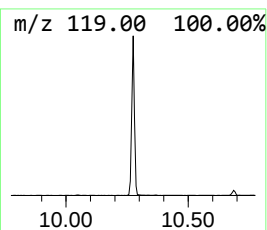
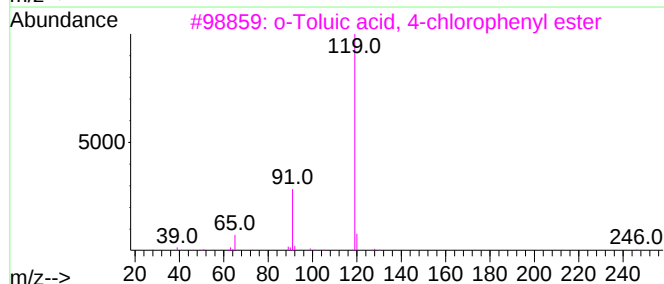
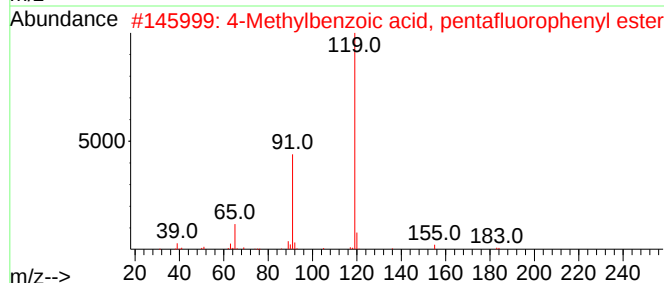
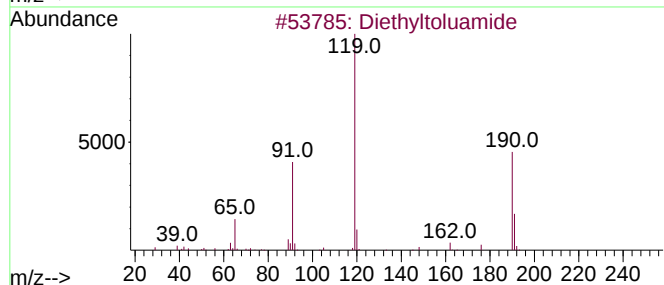
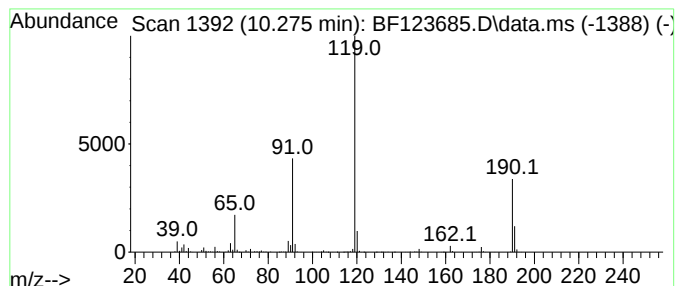
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Diethyltoluamide Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.275 | 14.18 ng | 1271660 | Acenaphthene-d10 | 9.892 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Diethyltoluamide                    | 191 | C12H17NO   | 000134-62-3  | 94   |
| 2    |    |   | 4-Methylbenzoic acid, pentafluor... | 302 | C14H7F5O2  | 1000354-15-1 | 59   |
| 3    |    |   | o-Toluic acid, 4-chlorophenyl ester | 246 | C14H11ClO2 | 1000307-45-5 | 59   |
| 4    |    |   | 3-Methylbenzoic acid, 2-fluoroph... | 230 | C14H11FO2  | 1000325-70-9 | 59   |
| 5    |    |   | Benzoic acid, 2-methyl-, (2-isop... | 268 | C18H20O2   | 032276-66-7  | 59   |



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Instrument :  
BNA\_F  
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GMW-X

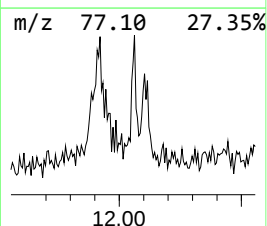
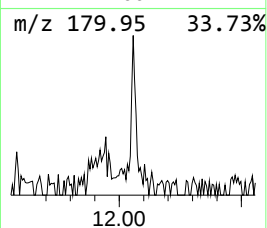
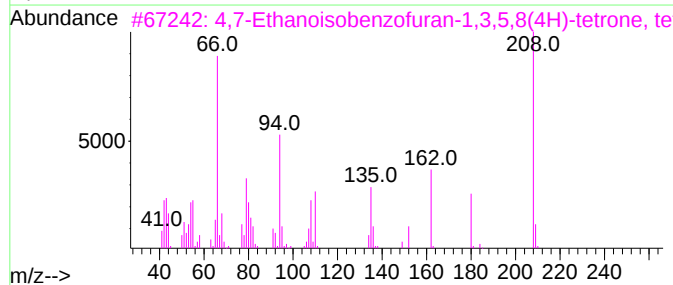
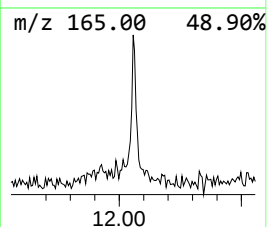
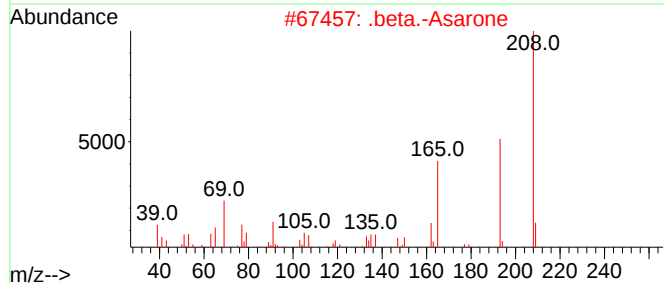
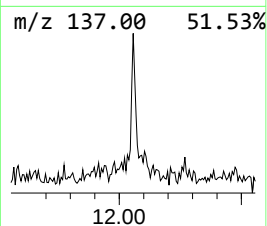
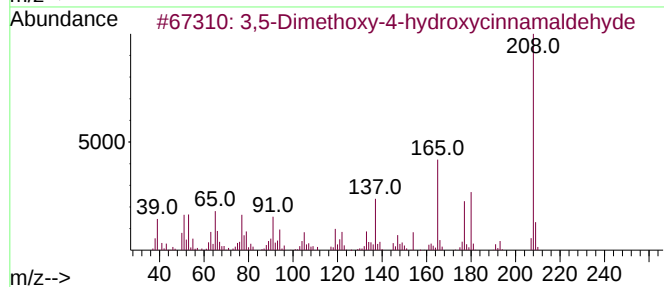
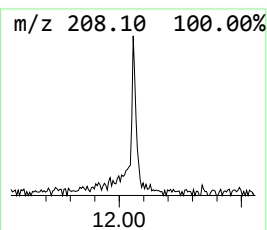
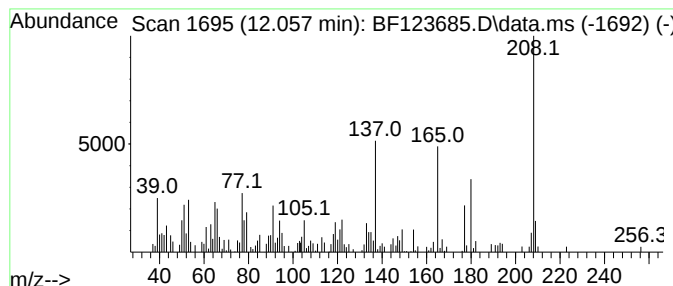
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 19

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 12.057    | 2.41 ng                             | 224157 | Phenanthrene-d10 | 11.386      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 3,5-Dimethoxy-4-hydroxycinnamal...  | 208    | C11H12O4         | 087345-53-7 | 83   |
| 2         | .beta.-Asarone                      | 208    | C12H16O3         | 005273-86-9 | 46   |
| 3         | 4,7-Ethanoisobenzofuran-1,3,5,8(... | 208    | C10H8O5          | 006537-90-2 | 46   |
| 4         | 2H-1-Benzopyran-2-one, 7,8-dihyd... | 208    | C10H8O5          | 000574-84-5 | 45   |
| 5         | Benzenamide, N-cyano-3,4,5-trime... | 208    | C10H12N2O3       | 055305-77-6 | 41   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
GMW-X

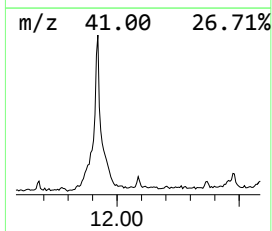
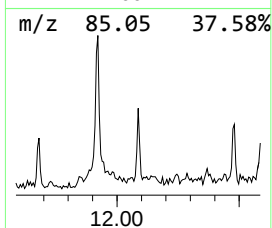
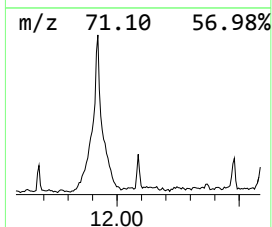
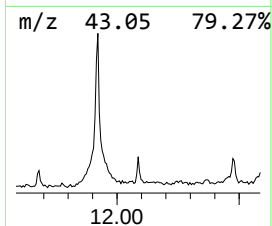
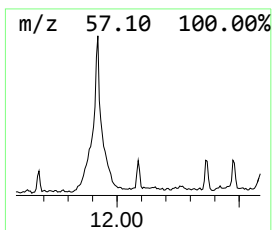
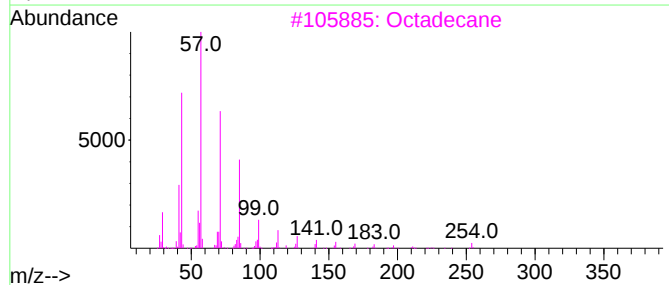
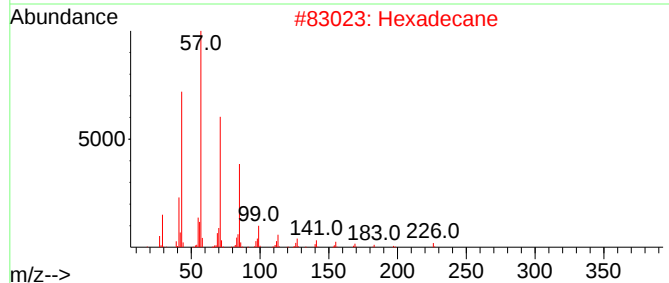
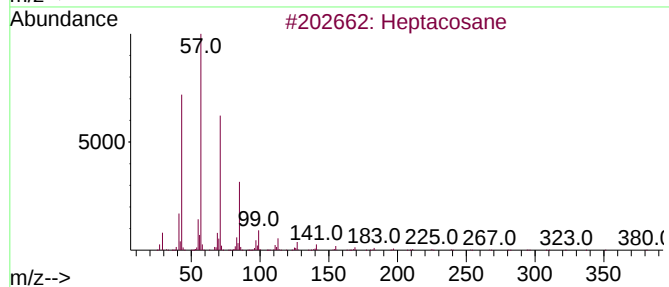
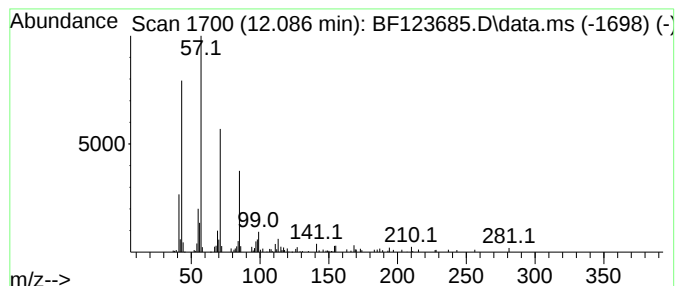
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Heptacosane Concentration Rank 15

| R.T.      | EstConc                 | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------|--------|------------------|-------------|------|
| 12.086    | 4.78 ng                 | 444809 | Phenanthrene-d10 | 11.386      |      |
| Hit# of 5 | Tentative ID            | MW     | MolForm          | CAS#        | Qual |
| 1         | Heptacosane             | 380    | C27H56           | 000593-49-7 | 83   |
| 2         | Hexadecane              | 226    | C16H34           | 000544-76-3 | 80   |
| 3         | Octadecane              | 254    | C18H38           | 000593-45-3 | 72   |
| 4         | Nonadecane              | 268    | C19H40           | 000629-92-5 | 72   |
| 5         | 1-Iodo-2-methylundecane | 296    | C12H25I          | 073105-67-6 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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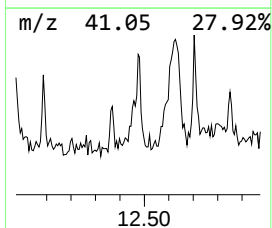
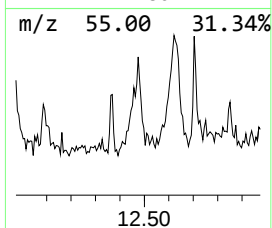
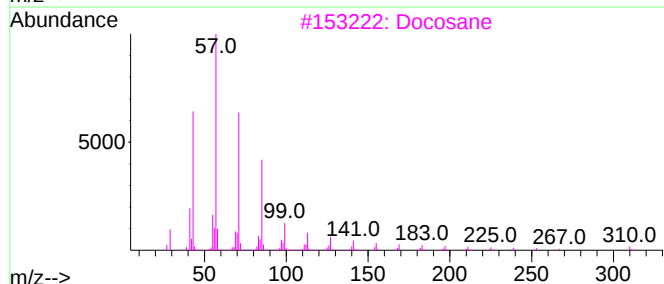
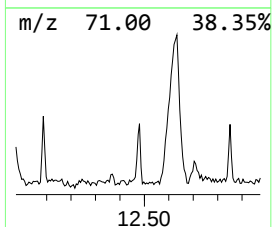
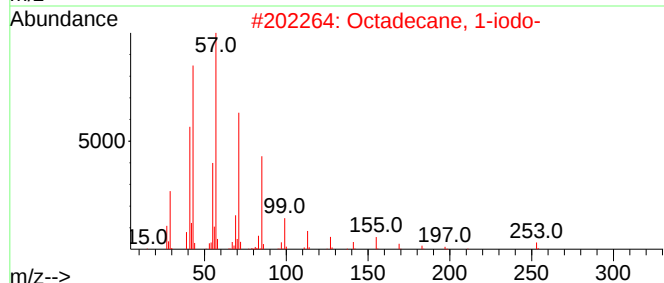
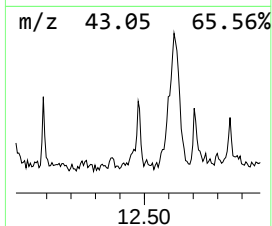
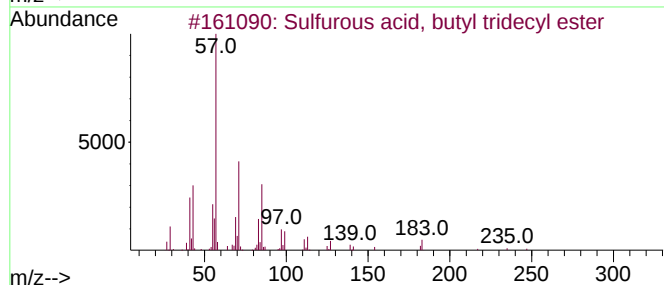
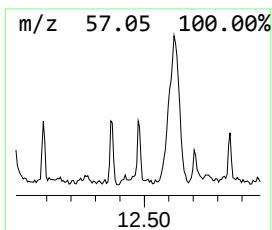
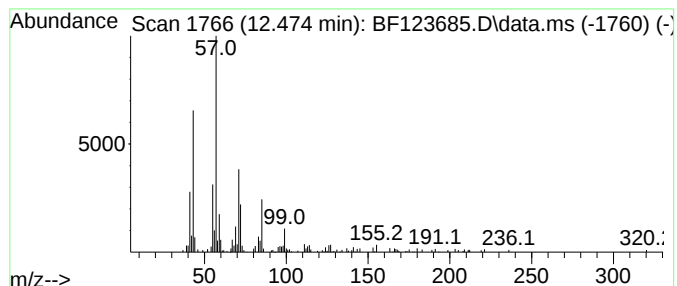
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Sulfurous acid, butyl tridecyl... Concentration Rank 16

| R.T.      | EstConc                             | Area   | Relative to ISTD |           | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|-----------|--------------|------|
| 12.474    | 4.25 ng                             | 395999 | Phenanthrene-d10 |           | 11.386       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm   | CAS#         | Qual |
| 1         | Sulfurous acid, butyl tridecyl e... |        | 320              | C17H36O3S | 1000309-18-0 | 53   |
| 2         | Octadecane, 1-iodo-                 |        | 380              | C18H37I   | 000629-93-6  | 52   |
| 3         | Docosane                            |        | 310              | C22H46    | 000629-97-0  | 52   |
| 4         | Hexadecane                          |        | 226              | C16H34    | 000544-76-3  | 52   |
| 5         | Octacosane                          |        | 394              | C28H58    | 000630-02-4  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :  
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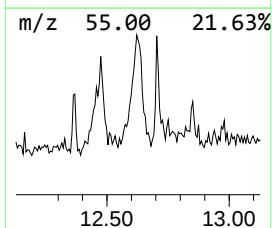
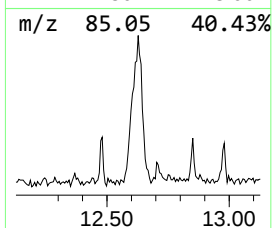
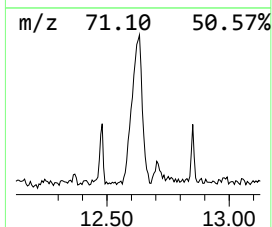
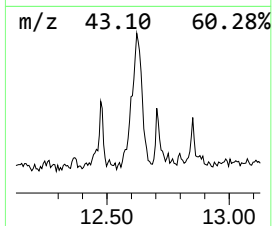
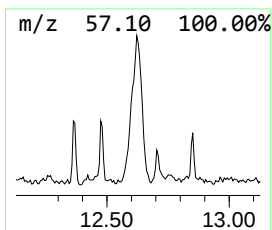
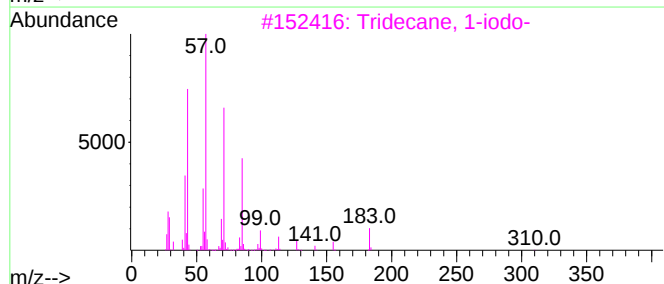
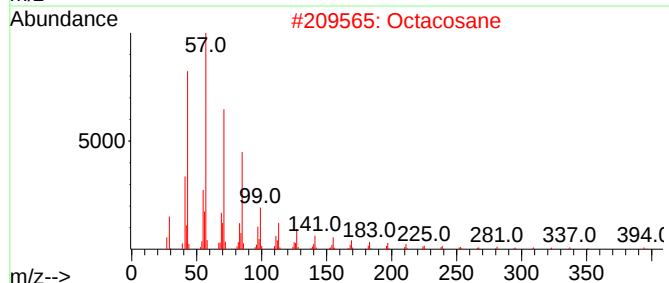
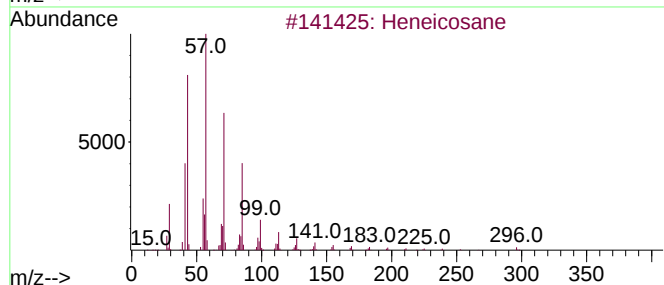
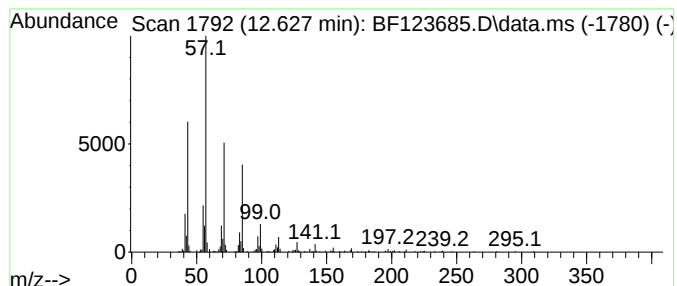
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Heneicosane Concentration Rank 8

| R.T.      | EstConc               | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|---------|------------------|-------------|------|
| 12.627    | 11.67 ng              | 1086490 | Phenanthrene-d10 | 11.386      |      |
| Hit# of 5 | Tentative ID          | MW      | MolForm          | CAS#        | Qual |
| 1         | Heneicosane           | 296     | C21H44           | 000629-94-7 | 91   |
| 2         | Octacosane            | 394     | C28H58           | 000630-02-4 | 90   |
| 3         | Tridecane, 1-iodo-    | 310     | C13H27I          | 035599-77-0 | 86   |
| 4         | Pentadecane, 8-hexyl- | 296     | C21H44           | 013475-75-7 | 86   |
| 5         | Eicosane, 10-methyl-  | 296     | C21H44           | 054833-23-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
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ALS Vial : 5 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
GMW-X

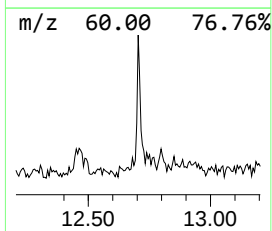
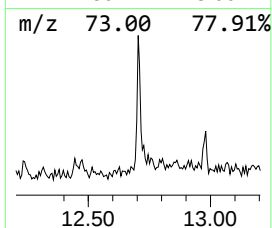
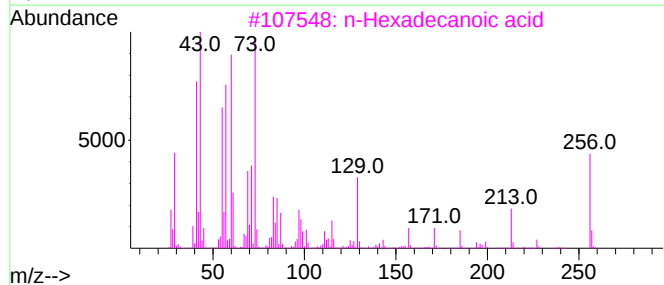
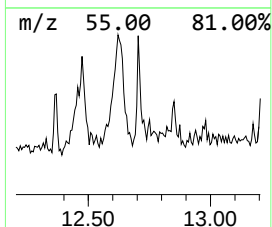
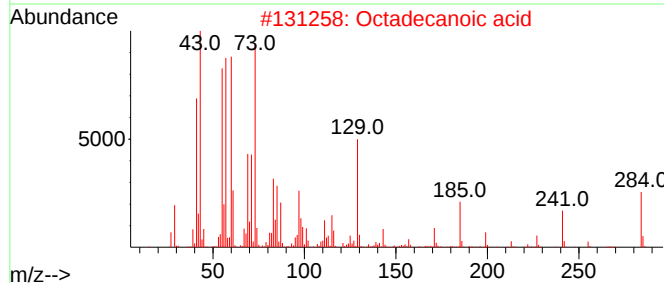
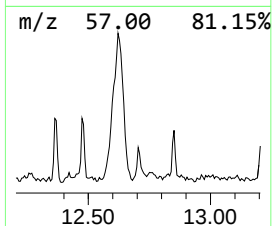
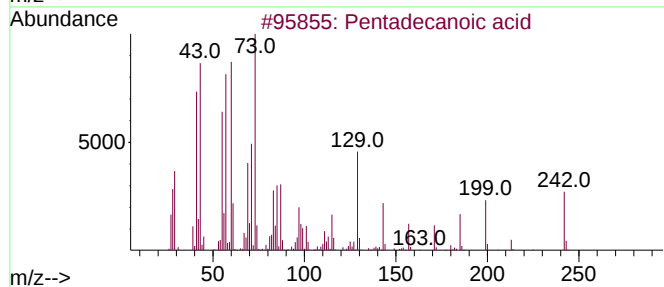
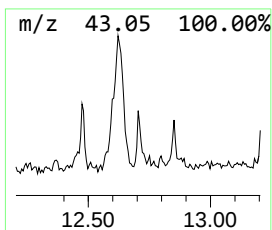
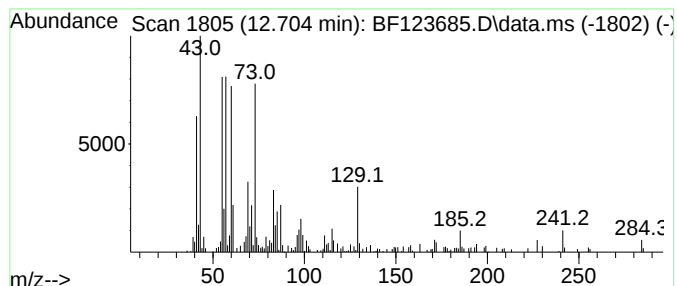
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Pentadecanoic acid Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.704 | 2.67 ng | 248685 | Phenanthrene-d10 | 11.386 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 83   |
| 2    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 80   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 70   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 62   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

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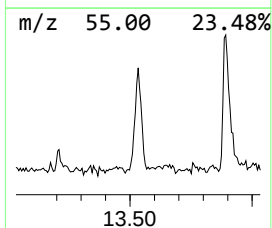
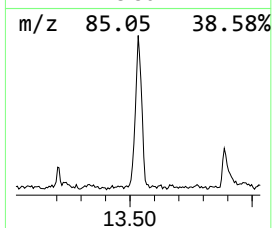
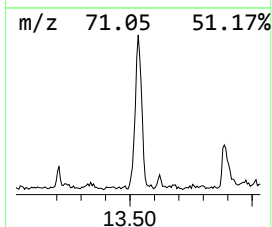
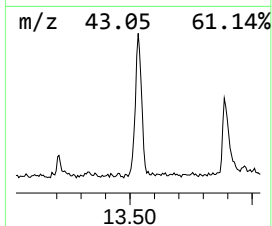
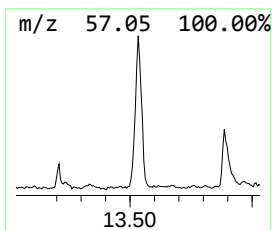
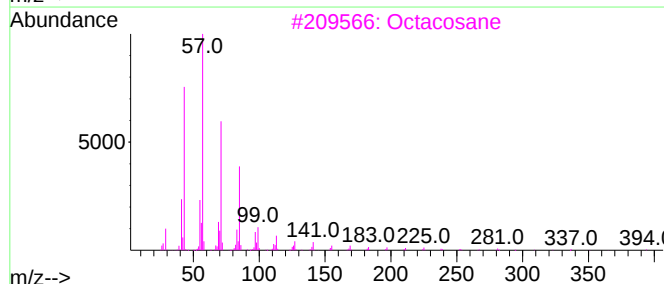
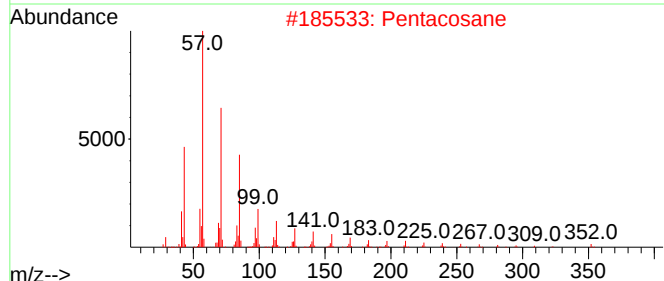
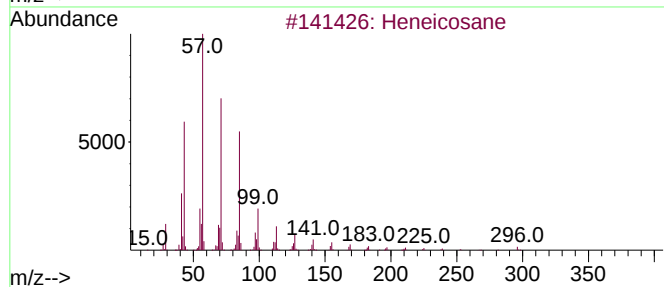
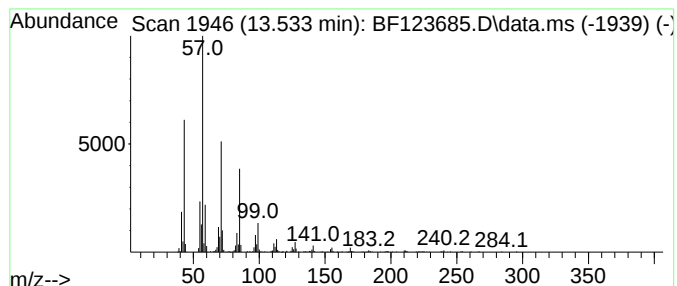
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Pentacosane Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.533 | 17.52 ng | 1364660 | Chrysene-d12     | 14.033 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane          | 296 | C21H44  | 000629-94-7 | 76   |
| 2    |    |   | Pentacosane          | 352 | C25H52  | 000629-99-2 | 72   |
| 3    |    |   | Octacosane           | 394 | C28H58  | 000630-02-4 | 68   |
| 4    |    |   | Tridecane, 1-iodo-   | 310 | C13H27I | 035599-77-0 | 64   |
| 5    |    |   | 3,5-Dimethyldodecane | 198 | C14H30  | 107770-99-0 | 64   |



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Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :  
GMW-X

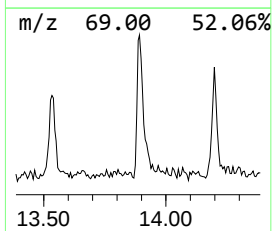
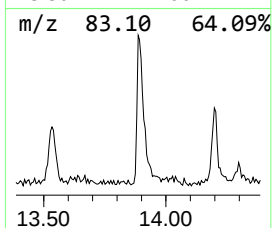
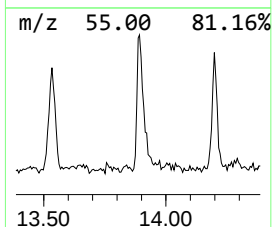
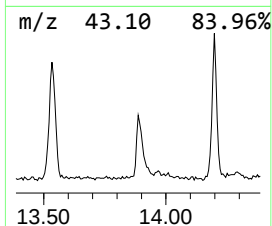
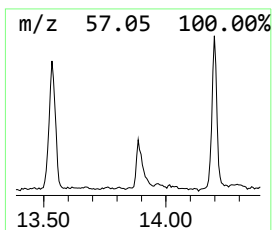
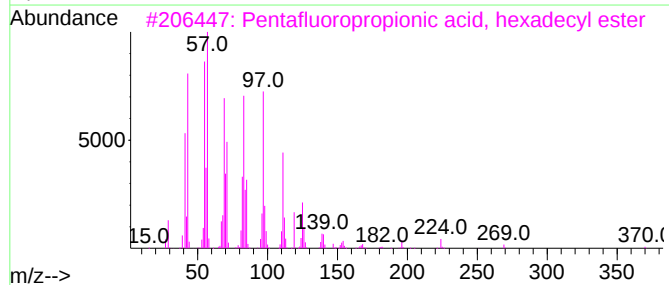
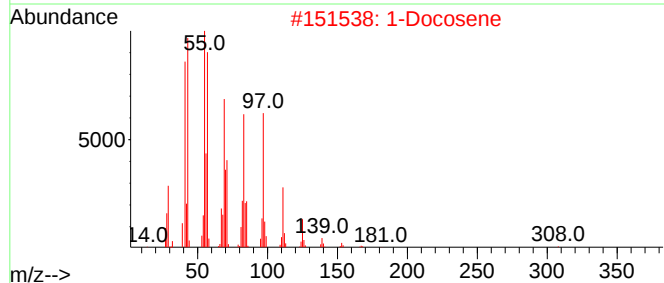
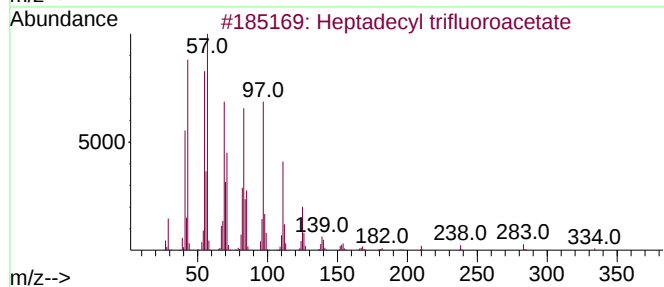
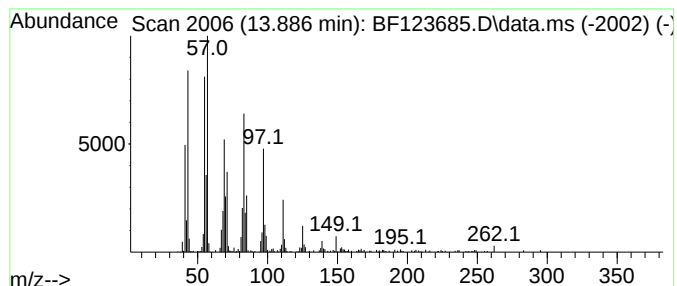
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Heptadecyl trifluoroacetate Concentration Rank 6

| R.T.      | EstConc                                       | Area    | Relative to ISTD | R.T.         |      |
|-----------|-----------------------------------------------|---------|------------------|--------------|------|
| 13.886    | 13.60 ng                                      | 1059040 | Chrysene-d12     | 14.033       |      |
| Hit# of 5 | Tentative ID                                  | MW      | MolForm          | CAS#         | Qual |
| 1         | Heptadecyl trifluoroacetate                   | 352     | C19H35F3O2       | 1000351-87-0 | 91   |
| 2         | 1-Docosene                                    | 308     | C22H44           | 001599-67-3  | 91   |
| 3         | Pentafluoropropionic acid, hexadecanoic acid  | 388     | C19H33F5O2       | 006222-07-7  | 91   |
| 4         | Pentafluoropropionic acid, octadecanoic acid  | 416     | C21H37F5O2       | 959261-25-7  | 91   |
| 5         | Pentafluoropropionic acid, heptadecanoic acid | 402     | C20H35F5O2       | 959218-78-1  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

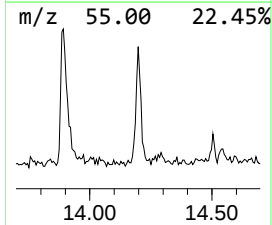
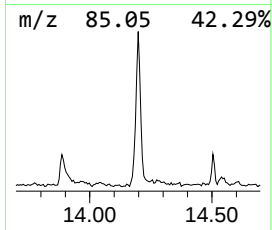
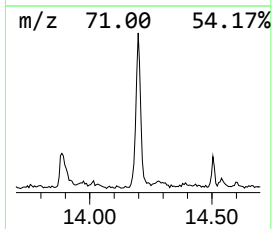
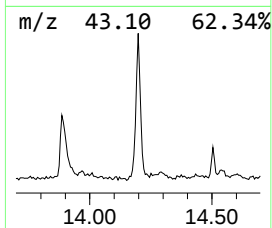
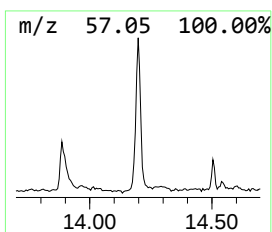
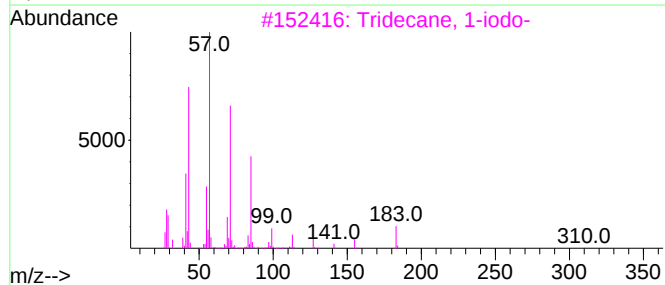
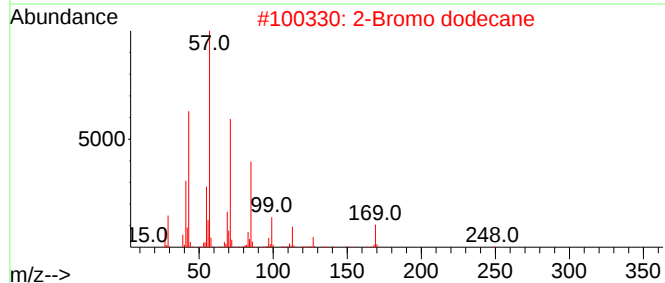
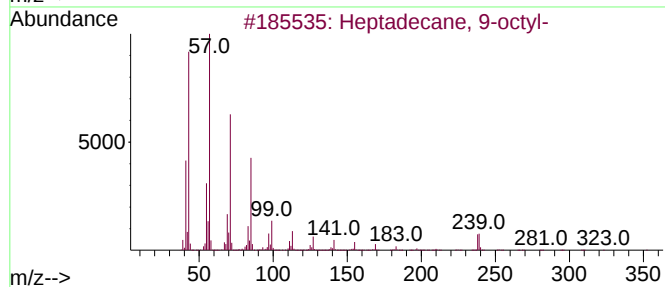
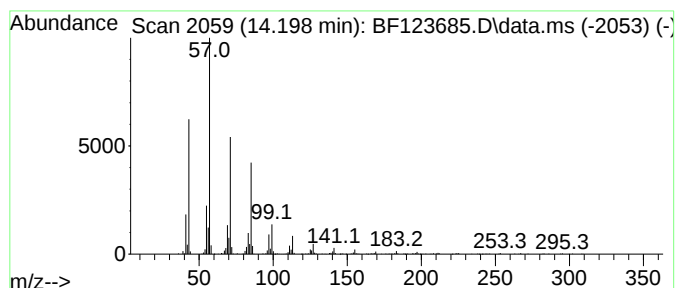
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Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.198 | 15.80 ng | 1230580 | Chrysene-d12     | 14.033 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|------|-----------------------|-----|----------|-------------|------|
| 1    |      | Heptadecane, 9-octyl- | 352 | C25H52   | 007225-64-1 | 91   |
| 2    |      | 2-Bromo dodecane      | 248 | C12H25Br | 013187-99-0 | 90   |
| 3    |      | Tridecane, 1-iodo-    | 310 | C13H27I  | 035599-77-0 | 86   |
| 4    |      | Heneicosane           | 296 | C21H44   | 000629-94-7 | 86   |
| 5    |      | Eicosane, 10-methyl-  | 296 | C21H44   | 054833-23-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

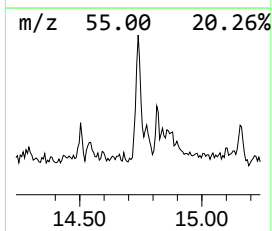
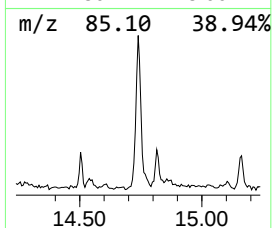
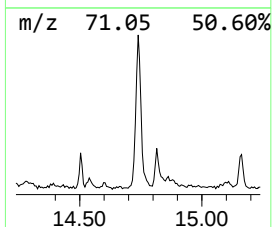
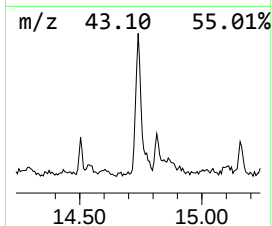
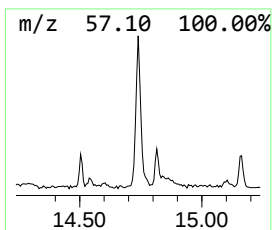
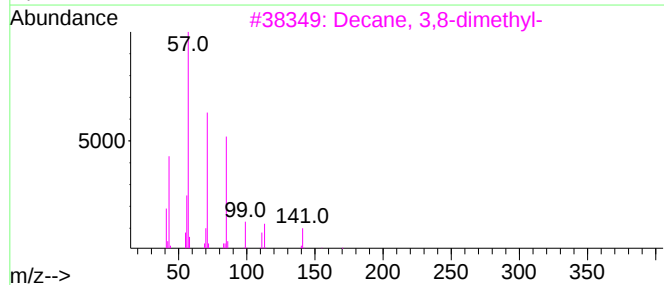
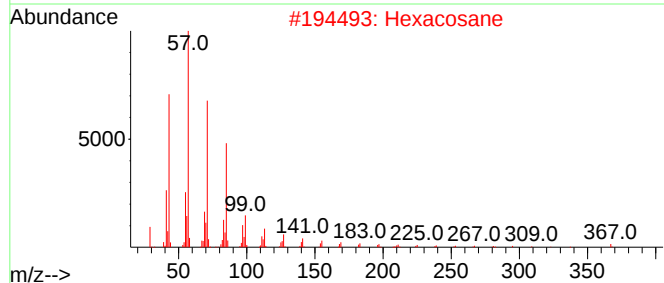
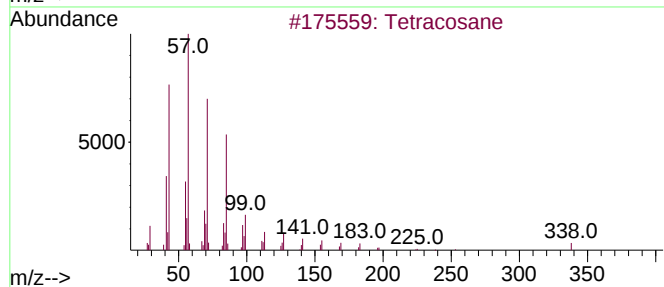
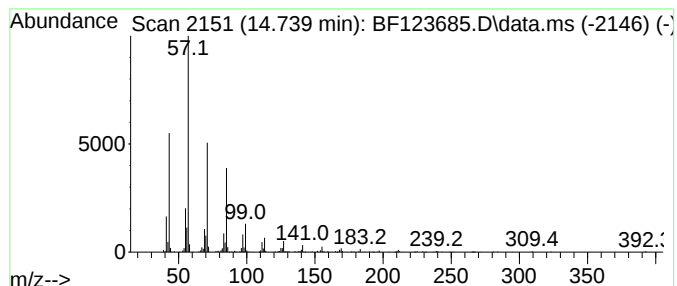
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Tetracosane Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.739 | 14.17 ng | 1103290 | Chrysene-d12     | 14.033 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Tetracosane           | 338 | C24H50  | 000646-31-1 | 86   |
| 2    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 86   |
| 3    |      | Decane, 3,8-dimethyl- | 170 | C12H26  | 017312-55-9 | 81   |
| 4    |      | Heptadecane           | 240 | C17H36  | 000629-78-7 | 80   |
| 5    |      | Hexadecane, 3-methyl- | 240 | C17H36  | 006418-43-5 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

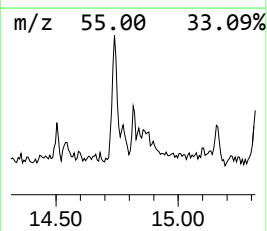
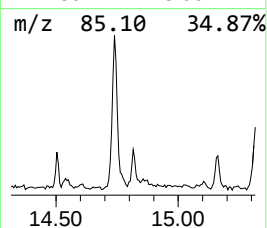
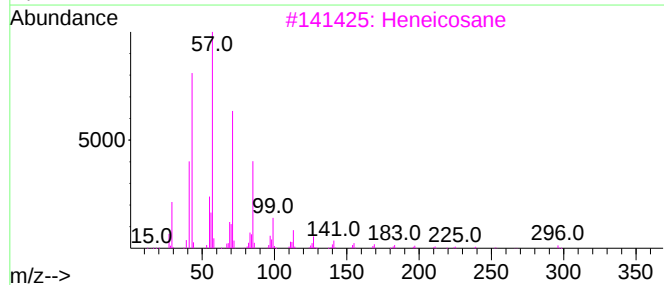
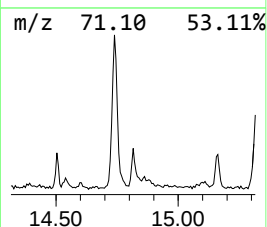
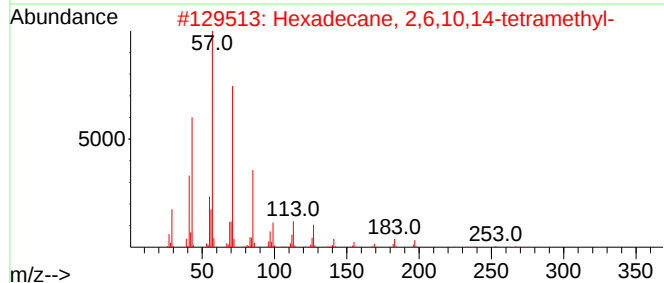
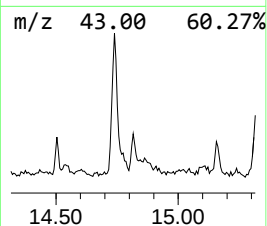
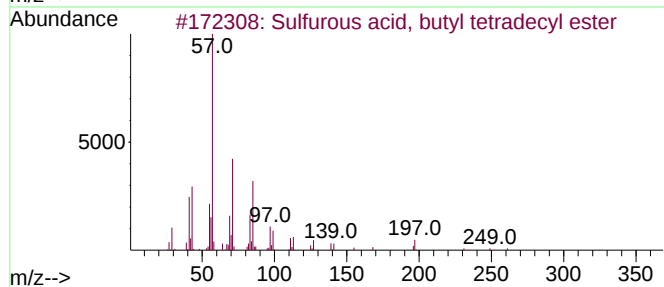
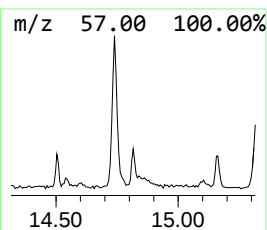
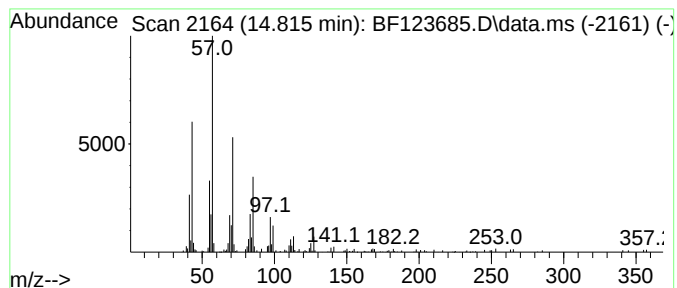
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Sulfurous acid, butyl tetra... Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 14.816    | 4.81 ng                             | 281836 | Perylene-d12     | 15.515       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Sulfurous acid, butyl tetradecyl... | 334    | C18H38O3S        | 1000309-18-1 | 87   |
| 2         | Hexadecane, 2,6,10,14-tetramethyl-  | 282    | C20H42           | 000638-36-8  | 87   |
| 3         | Heneicosane                         | 296    | C21H44           | 000629-94-7  | 83   |
| 4         | Tetratetracontane                   | 619    | C44H90           | 007098-22-8  | 83   |
| 5         | Methoxyacetic acid, 2-tetradecyl... | 286    | C17H34O3         | 1000282-04-8 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

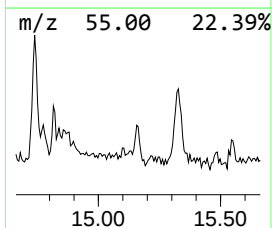
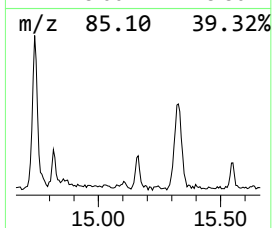
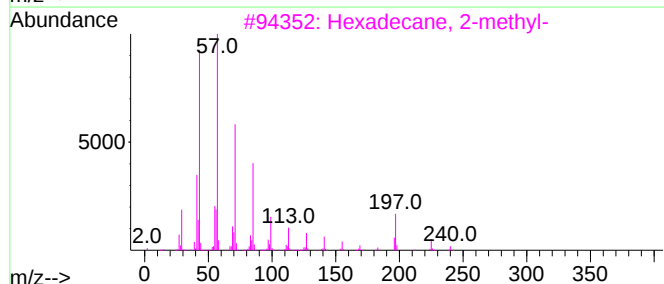
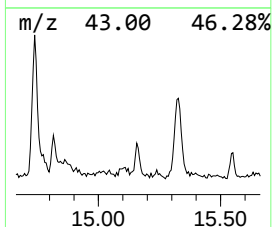
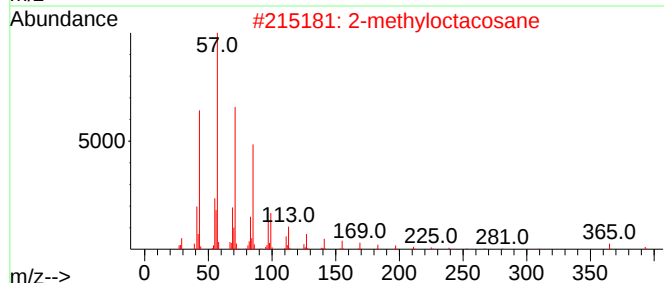
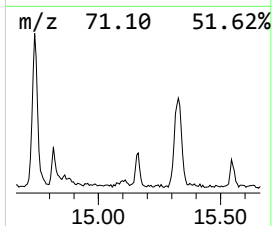
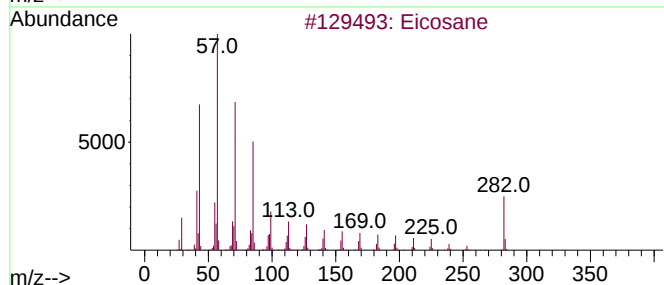
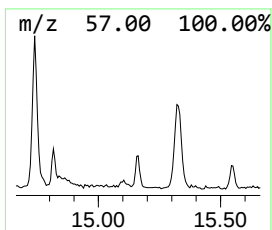
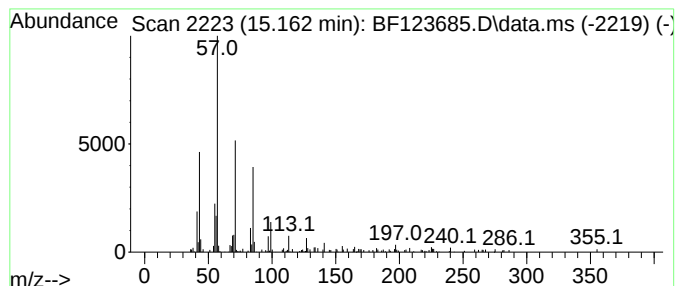
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Eicosane Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.163 | 4.11 ng | 240525 | Perylene-d12     | 15.515 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------|-----|---------|--------------|------|
| 1    |    |   | Eicosane              | 282 | C20H42  | 000112-95-8  | 87   |
| 2    |    |   | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 80   |
| 3    |    |   | Hexadecane, 2-methyl- | 240 | C17H36  | 001560-92-5  | 72   |
| 4    |    |   | Hexadecane, 1-iodo-   | 352 | C16H33I | 000544-77-4  | 72   |
| 5    |    |   | Undecane, 5-ethyl-    | 184 | C13H28  | 017453-94-0  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

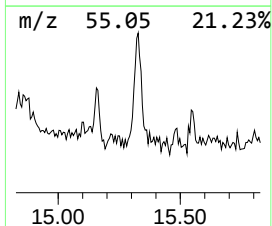
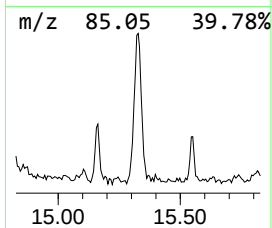
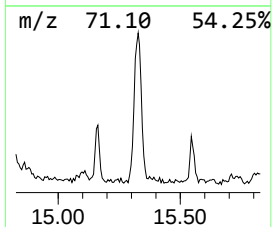
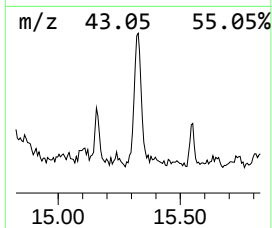
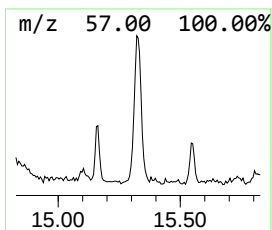
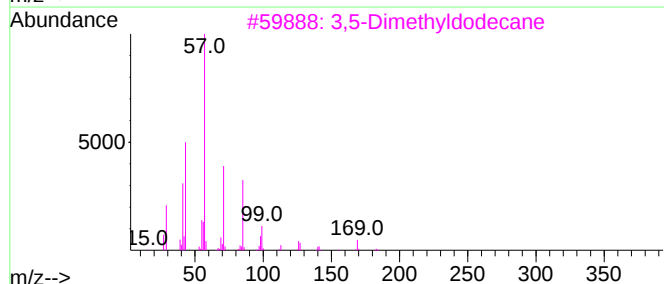
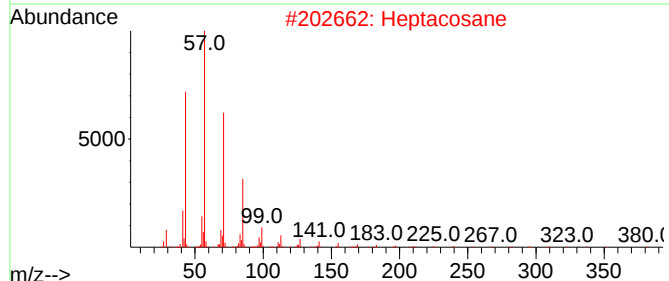
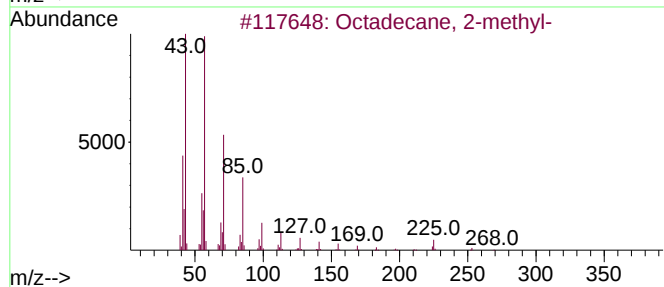
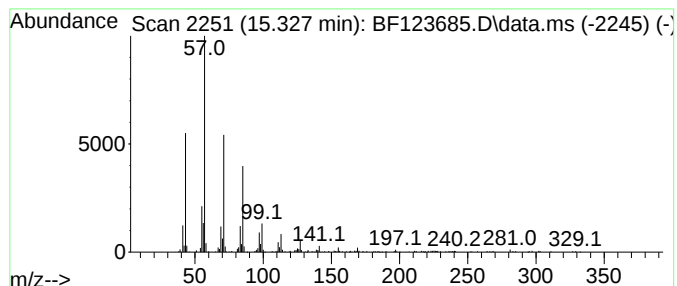
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BNA\_F  
ClientSampleId :  
GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.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 15 Octadecane, 2-methyl- Concentration Rank 7

| R.T.      | EstConc                        | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------------|--------|------------------|---------|-------------|------|
| 15.327    | 13.08 ng                       | 766364 | Perylene-d12     |         | 15.515      |      |
| Hit# of 5 | Tentative ID                   |        | MW               | MolForm | CAS#        | Qual |
| 1         | Octadecane, 2-methyl-          |        | 268              | C19H40  | 001560-88-9 | 87   |
| 2         | Heptacosane                    |        | 380              | C27H56  | 000593-49-7 | 87   |
| 3         | 3,5-Dimethyldodecane           |        | 198              | C14H30  | 107770-99-0 | 87   |
| 4         | Heneicosane                    |        | 296              | C21H44  | 000629-94-7 | 83   |
| 5         | Tetradecane, 2,6,10-trimethyl- |        | 240              | C17H36  | 014905-56-7 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
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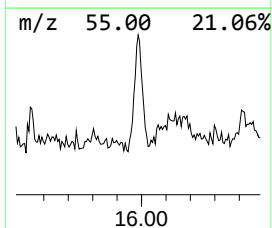
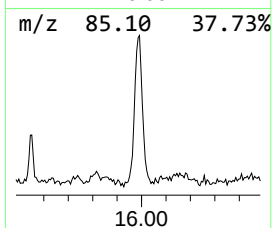
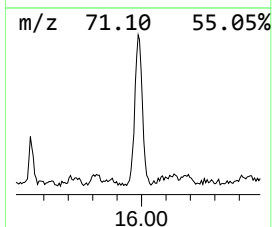
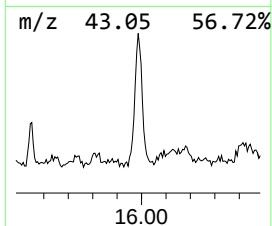
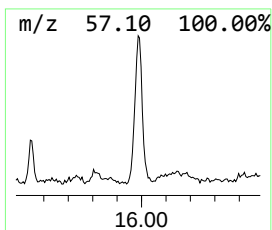
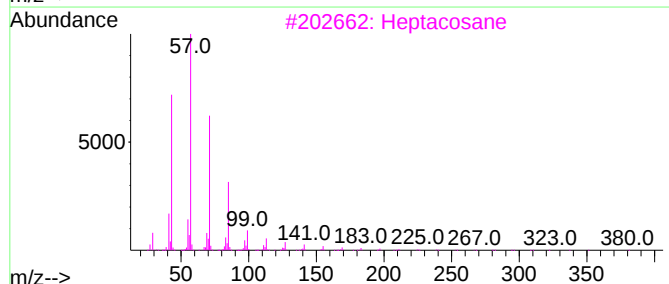
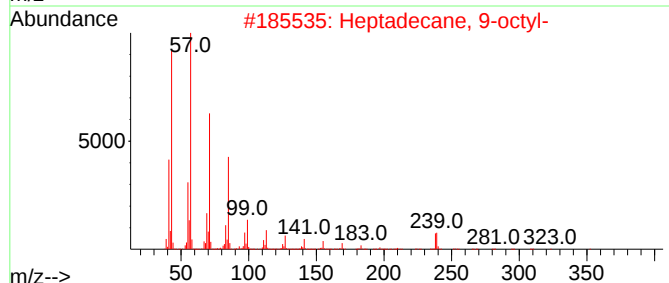
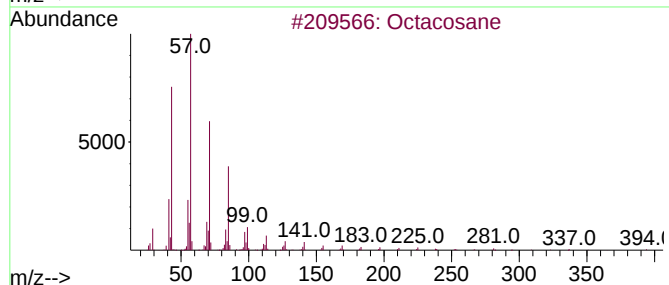
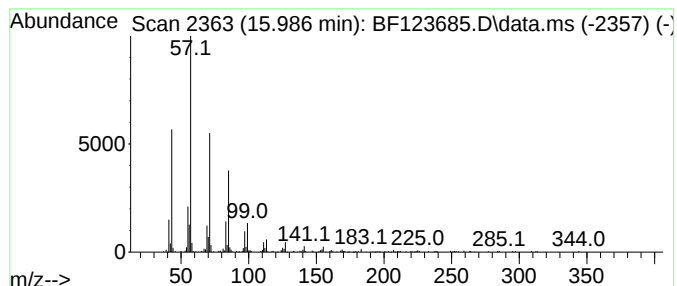
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TIC Integration Parameters: LSCINT.P

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Peak Number 16 Octacosane Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.986 | 14.62 ng | 856244 | Perylene-d12     | 15.515 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octacosane                          | 394 | C28H58    | 000630-02-4  | 90   |
| 2    |    |   | Heptadecane, 9-octyl-               | 352 | C25H52    | 007225-64-1  | 87   |
| 3    |    |   | Heptacosane                         | 380 | C27H56    | 000593-49-7  | 87   |
| 4    |    |   | Tetracosane                         | 338 | C24H50    | 000646-31-1  | 83   |
| 5    |    |   | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1000309-18-1 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

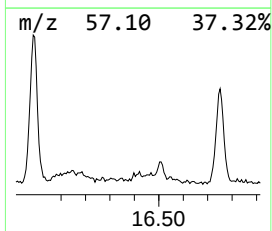
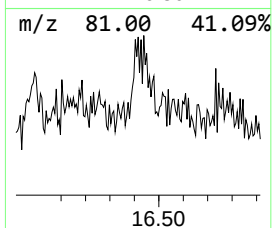
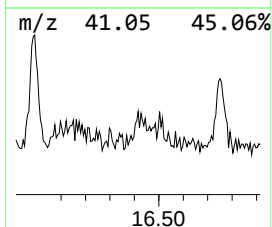
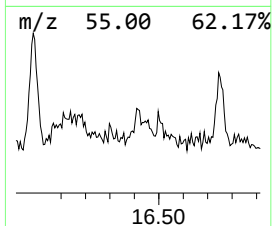
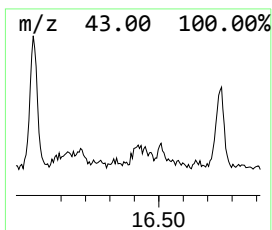
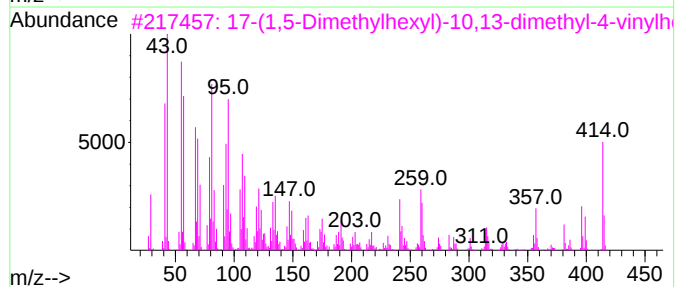
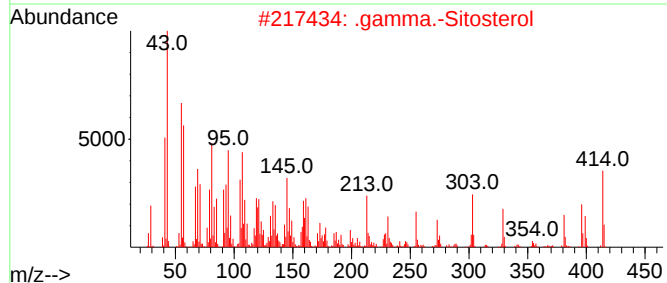
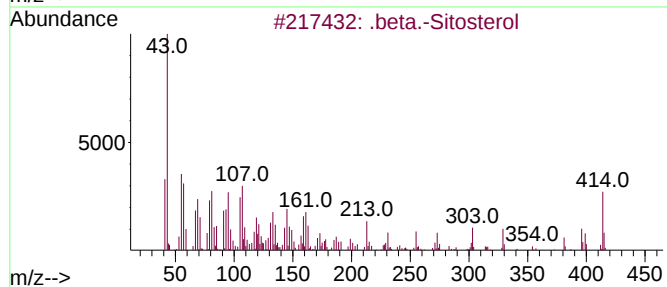
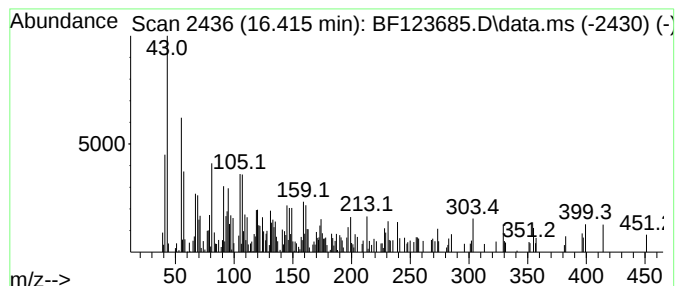
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TIC Integration Parameters: LSCINT.P

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Peak Number 17 .beta.-Sitosterol Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.415 | 8.87 ng | 519723 | Perylene-d12     | 15.515 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | .beta.-Sitosterol                   | 414 | C29H50O | 000083-46-5  | 95   |
| 2    |      | .gamma.-Sitosterol                  | 414 | C29H50O | 000083-47-6  | 84   |
| 3    |      | 17-(1,5-Dimethylhexyl)-10,13-dim... | 414 | C29H50O | 1000210-86-9 | 11   |
| 4    |      | Cholest-5-ene, 3-ethoxy-, (3.bet... | 414 | C29H50O | 000986-19-6  | 11   |
| 5    |      | Stigmastan-3-en-6-ol                | 414 | C29H50O | 1000214-19-7 | 11   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

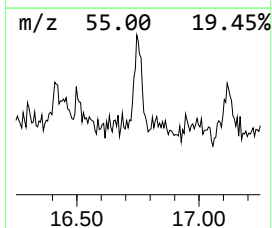
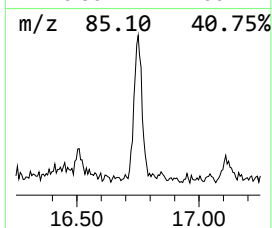
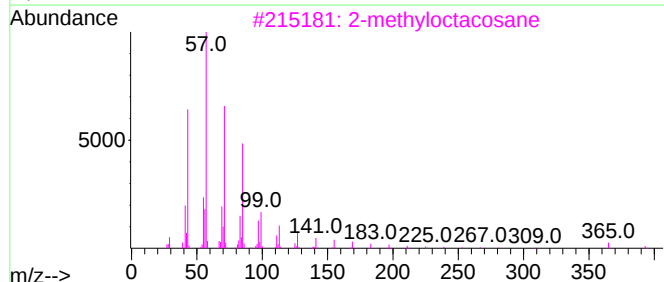
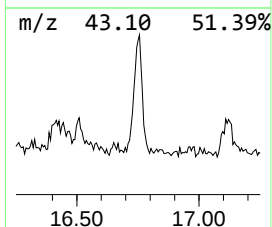
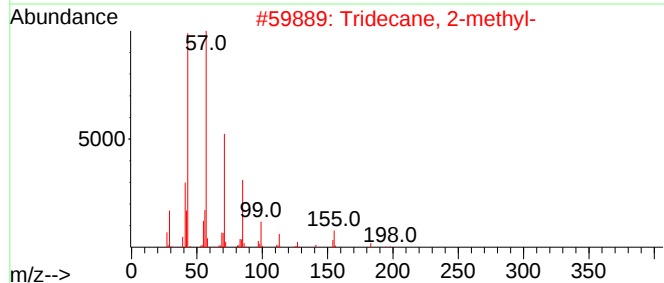
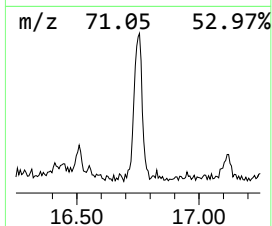
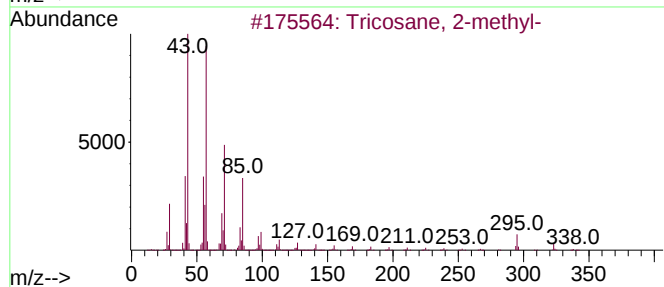
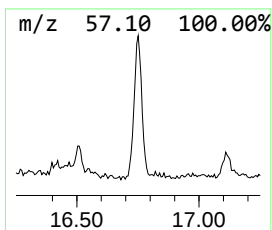
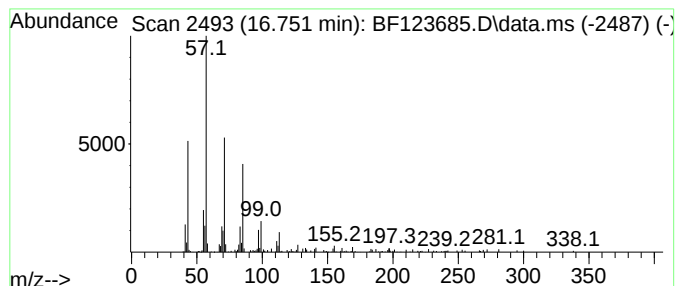
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Tricosane, 2-methyl- Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.751 | 9.74 ng | 570611 | Perylene-d12     | 15.515 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Tricosane, 2-methyl-   | 338 | C24H50  | 001928-30-9  | 90   |
| 2    |    |   | Tridecane, 2-methyl-   | 198 | C14H30  | 001560-96-9  | 87   |
| 3    |    |   | 2-methyloctacosane     | 408 | C29H60  | 1000376-72-8 | 86   |
| 4    |    |   | Hentriacontane         | 437 | C31H64  | 000630-04-6  | 86   |
| 5    |    |   | Tetracosane, 11-decyl- | 479 | C34H70  | 055429-84-0  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

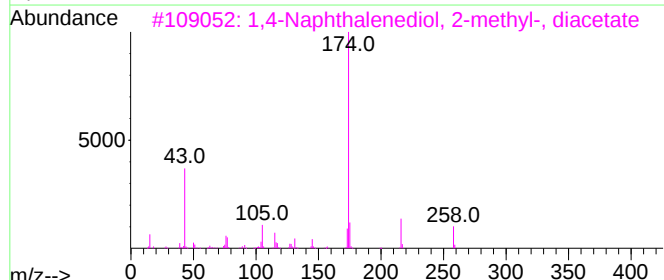
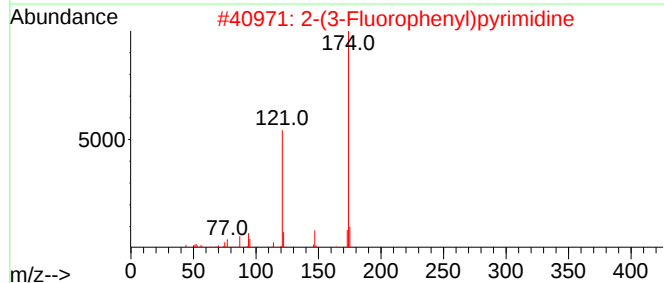
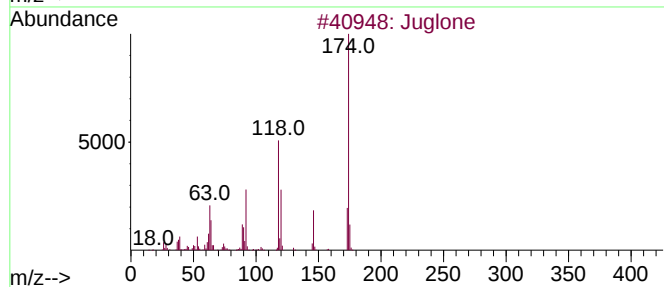
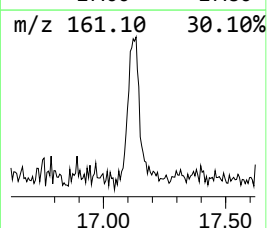
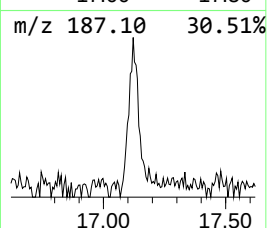
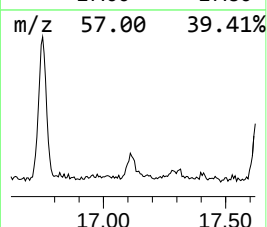
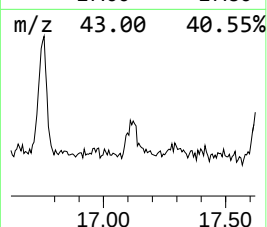
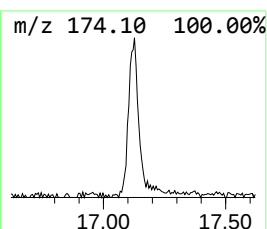
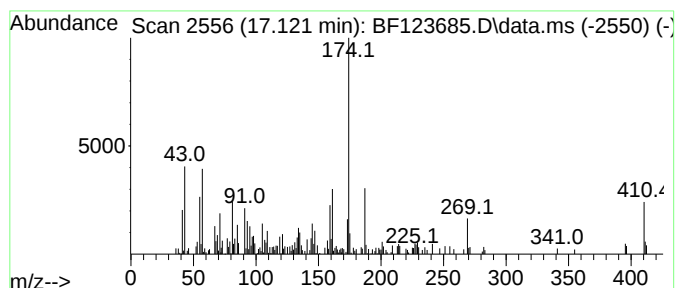
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 unknown17.12 Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.121 | 6.93 ng | 406063 | Perylene-d12     | 15.515 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Juglone                             | 174 | C10H6O3   | 000481-39-0  | 30   |
| 2    |    |   | 2-(3-Fluorophenyl)pyrimidine        | 174 | C10H7FN2  | 068049-16-1  | 30   |
| 3    |    |   | 1,4-Naphthalenediol, 2-methyl-, ... | 258 | C15H14O4  | 000573-20-6  | 27   |
| 4    |    |   | 1-Norvaline, N-(2-methoxyethoxyc... | 415 | C23H45NO5 | 1000328-64-5 | 27   |
| 5    |    |   | 2-(4-Fluorophenyl)pyrimidine        | 174 | C10H7FN2  | 068049-17-2  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
Data File : BF123685.D  
Acq On : 22 Apr 2021 11:14  
Operator : JU/CG  
Sample : M2114-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

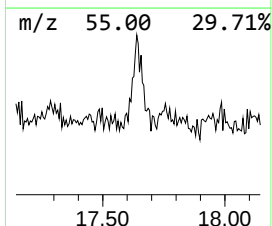
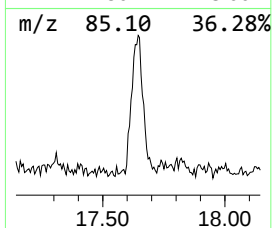
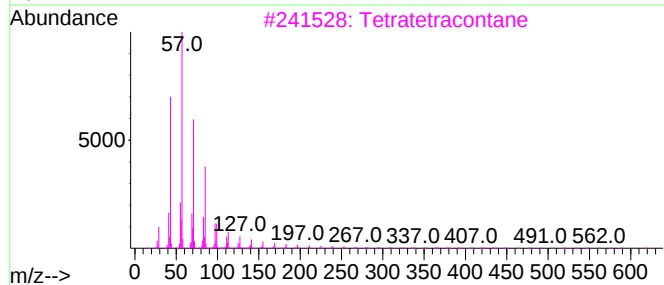
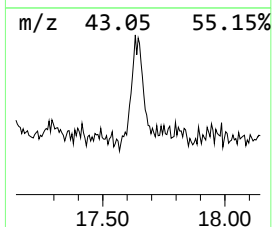
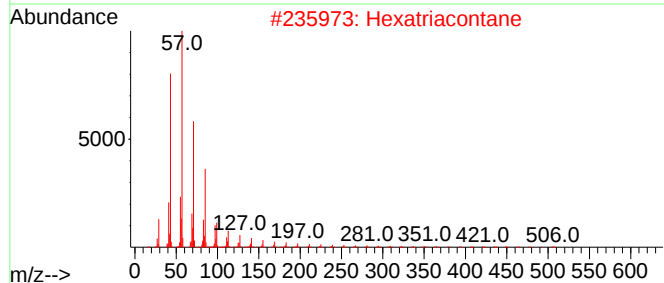
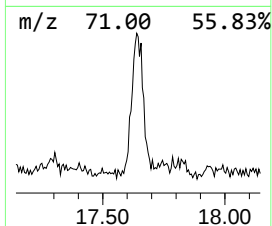
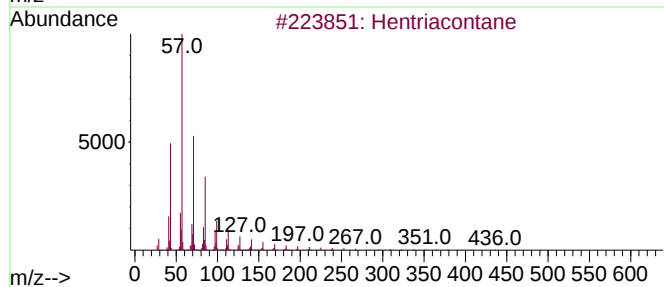
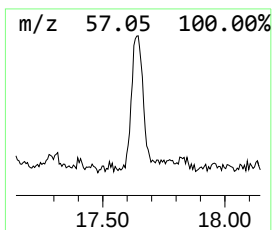
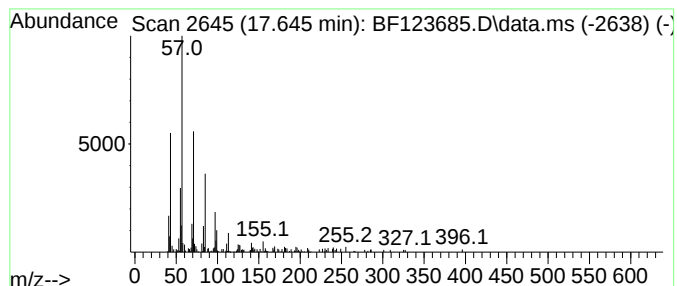
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Hentriacontane Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.645 | 8.59 ng | 503336 | Perylene-d12     | 15.515 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Hentriacontane     | 437 | C31H64  | 000630-04-6 | 80   |
| 2    |    |   | Hexatriacontane    | 507 | C36H74  | 000630-06-8 | 80   |
| 3    |    |   | Tetratetracontane  | 619 | C44H90  | 007098-22-8 | 80   |
| 4    |    |   | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 74   |
| 5    |    |   | Heptadecane        | 240 | C17H36  | 000629-78-7 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042221\  
 Data File : BF123685.D  
 Acq On : 22 Apr 2021 11:14  
 Operator : JU/CG  
 Sample : M2114-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GMW-X

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.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 |
| unknown2.18        | 2.187  | 5.4     | ng    | 350977   | 1                     | 6.851  | 1292910 | 20.0 |
| unknown9.71        | 9.710  | 2.4     | ng    | 214255   | 3                     | 9.892  | 1793640 | 20.0 |
| Diethyltoluamide   | 10.275 | 14.2    | ng    | 1271660  | 3                     | 9.892  | 1793640 | 20.0 |
| 3,5-Dimethoxy-4... | 12.057 | 2.4     | ng    | 224157   | 4                     | 11.386 | 1862320 | 20.0 |
| Heptacosane        | 12.086 | 4.8     | ng    | 444809   | 4                     | 11.386 | 1862320 | 20.0 |
| Sulfurous acid,... | 12.474 | 4.3     | ng    | 395999   | 4                     | 11.386 | 1862320 | 20.0 |
| Heneicosane        | 12.627 | 11.7    | ng    | 1086490  | 4                     | 11.386 | 1862320 | 20.0 |
| Pentadecanoic acid | 12.704 | 2.7     | ng    | 248685   | 4                     | 11.386 | 1862320 | 20.0 |
| Pentacosane        | 13.533 | 17.5    | ng    | 1364660  | 5                     | 14.033 | 1557750 | 20.0 |
| Heptadecyl trif... | 13.886 | 13.6    | ng    | 1059040  | 5                     | 14.033 | 1557750 | 20.0 |
| Heptadecane, 9-... | 14.198 | 15.8    | ng    | 1230580  | 5                     | 14.033 | 1557750 | 20.0 |
| Tetracosane        | 14.739 | 14.2    | ng    | 1103290  | 5                     | 14.033 | 1557750 | 20.0 |
| Sulfurous acid,... | 14.816 | 4.8     | ng    | 281836   | 6                     | 15.515 | 1171470 | 20.0 |
| Eicosane           | 15.163 | 4.1     | ng    | 240525   | 6                     | 15.515 | 1171470 | 20.0 |
| Octadecane, 2-m... | 15.327 | 13.1    | ng    | 766364   | 6                     | 15.515 | 1171470 | 20.0 |
| Octacosane         | 15.986 | 14.6    | ng    | 856244   | 6                     | 15.515 | 1171470 | 20.0 |
| .beta.-Sitosterol  | 16.415 | 8.9     | ng    | 519723   | 6                     | 15.515 | 1171470 | 20.0 |
| Tricosane, 2-me... | 16.751 | 9.7     | ng    | 570611   | 6                     | 15.515 | 1171470 | 20.0 |
| unknown17.12       | 17.121 | 6.9     | ng    | 406063   | 6                     | 15.515 | 1171470 | 20.0 |
| Hentriacontane     | 17.645 | 8.6     | ng    | 503336   | 6                     | 15.515 | 1171470 | 20.0 |