

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061025\  
 Data File : BF142706.D  
 Acq On : 10 Jun 2025 12:11  
 Operator : RC/JU  
 Sample : Q2266-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-5

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-BF060925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142706.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.110       | 485           | 496         | 503          | rBV      | 102422         | 151529        | 8.55%           | 1.402%        |
| 2         | 5.510       | 558           | 564         | 580          | rBV      | 1008724        | 1374313       | 77.59%          | 12.719%       |
| 3         | 6.516       | 729           | 735         | 758          | rVB      | 987141         | 1362398       | 76.92%          | 12.609%       |
| 4         | 6.893       | 794           | 799         | 804          | rBV      | 246290         | 297988        | 16.82%          | 2.758%        |
| 5         | 7.451       | 888           | 894         | 905          | rBV      | 652938         | 887320        | 50.09%          | 8.212%        |
| 6         | 8.175       | 1010          | 1017        | 1024         | rBV      | 296769         | 378974        | 21.40%          | 3.507%        |
| 7         | 9.251       | 1194          | 1200        | 1205         | rBV      | 1435296        | 1771293       | 100.00%         | 16.394%       |
| 8         | 9.934       | 1311          | 1316        | 1329         | rVB      | 342933         | 427078        | 24.11%          | 3.953%        |
| 9         | 10.645      | 1432          | 1437        | 1442         | rBV      | 200224         | 243309        | 13.74%          | 2.252%        |
| 10        | 10.722      | 1445          | 1450        | 1464         | rBV      | 843806         | 1073267       | 60.59%          | 9.933%        |
| 11        | 10.951      | 1481          | 1489        | 1495         | rBV      | 25569          | 34519         | 1.95%           | 0.319%        |
| 12        | 11.422      | 1564          | 1569        | 1583         | rBV      | 300654         | 391210        | 22.09%          | 3.621%        |
| 13        | 11.939      | 1652          | 1657        | 1681         | rBV2     | 79181          | 140169        | 7.91%           | 1.297%        |
| 14        | 12.728      | 1786          | 1791        | 1802         | rBV4     | 15197          | 29562         | 1.67%           | 0.274%        |
| 15        | 13.004      | 1833          | 1838        | 1851         | rBV      | 1092533        | 1454023       | 82.09%          | 13.457%       |
| 16        | 13.575      | 1932          | 1935        | 1944         | rVB      | 13031          | 18424         | 1.04%           | 0.171%        |
| 17        | 13.898      | 1985          | 1990        | 2007         | rBV      | 51353          | 91792         | 5.18%           | 0.850%        |
| 18        | 14.063      | 2013          | 2018        | 2028         | rVB      | 193841         | 257925        | 14.56%          | 2.387%        |
| 19        | 14.222      | 2040          | 2045        | 2054         | rVB      | 15598          | 22005         | 1.24%           | 0.204%        |
| 20        | 14.527      | 2092          | 2097        | 2105         | rBV      | 15642          | 24909         | 1.41%           | 0.231%        |
| 21        | 15.186      | 2205          | 2209        | 2213         | rBV      | 13684          | 20136         | 1.14%           | 0.186%        |
| 22        | 15.557      | 2266          | 2272        | 2292         | rBV      | 201274         | 352685        | 19.91%          | 3.264%        |

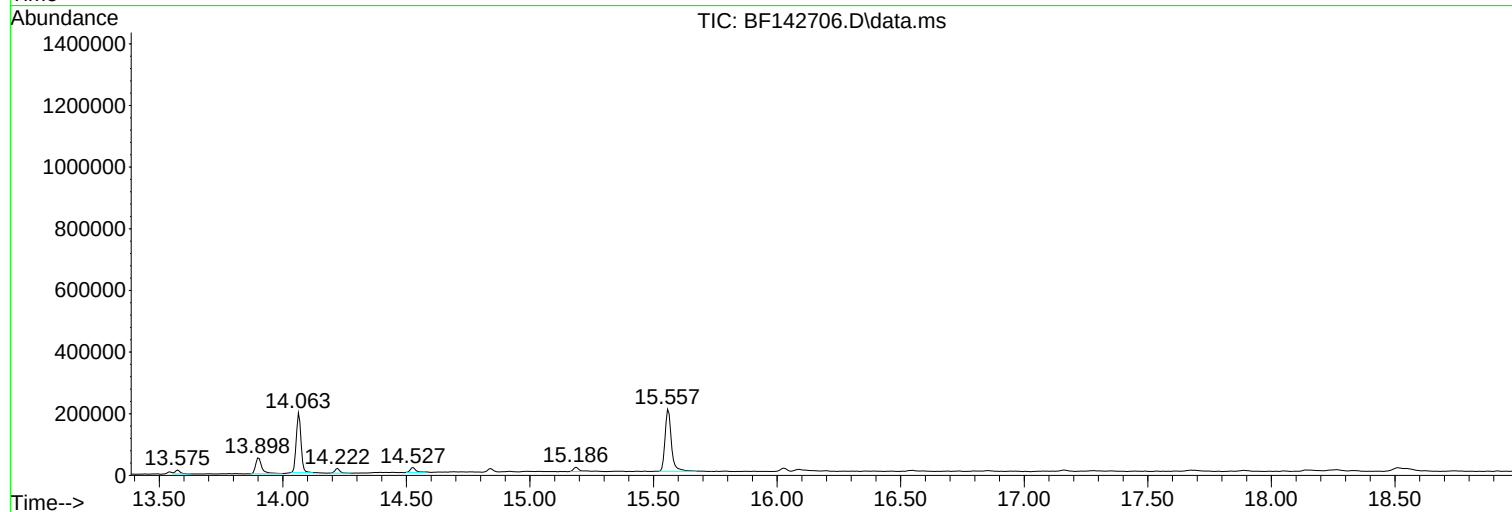
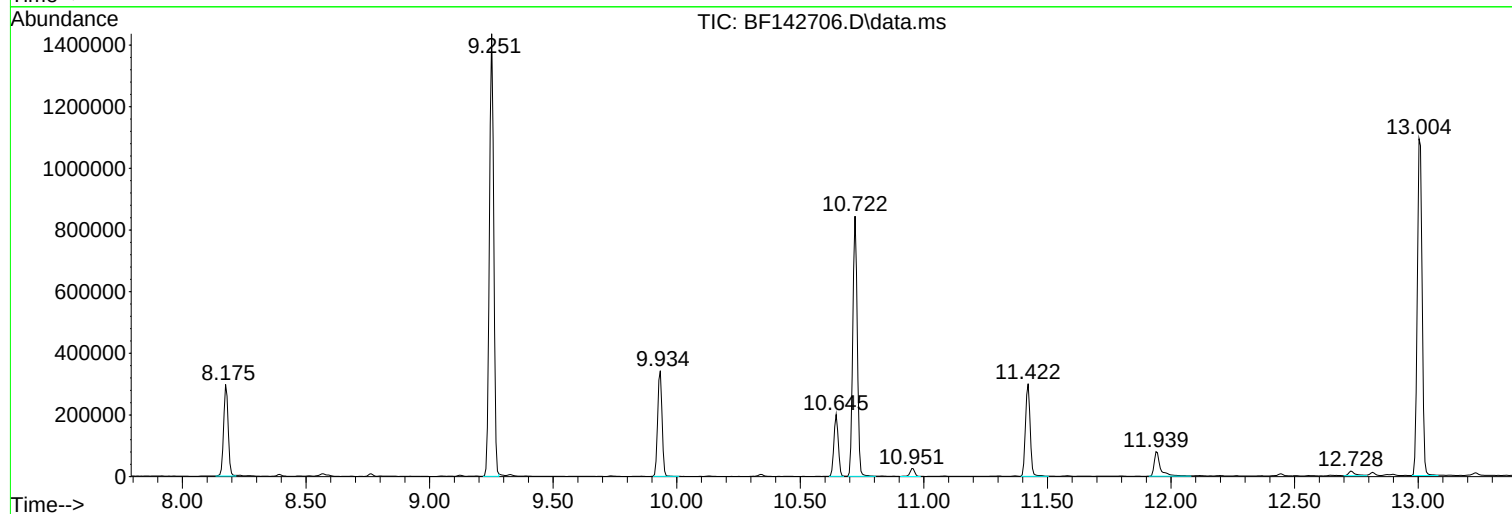
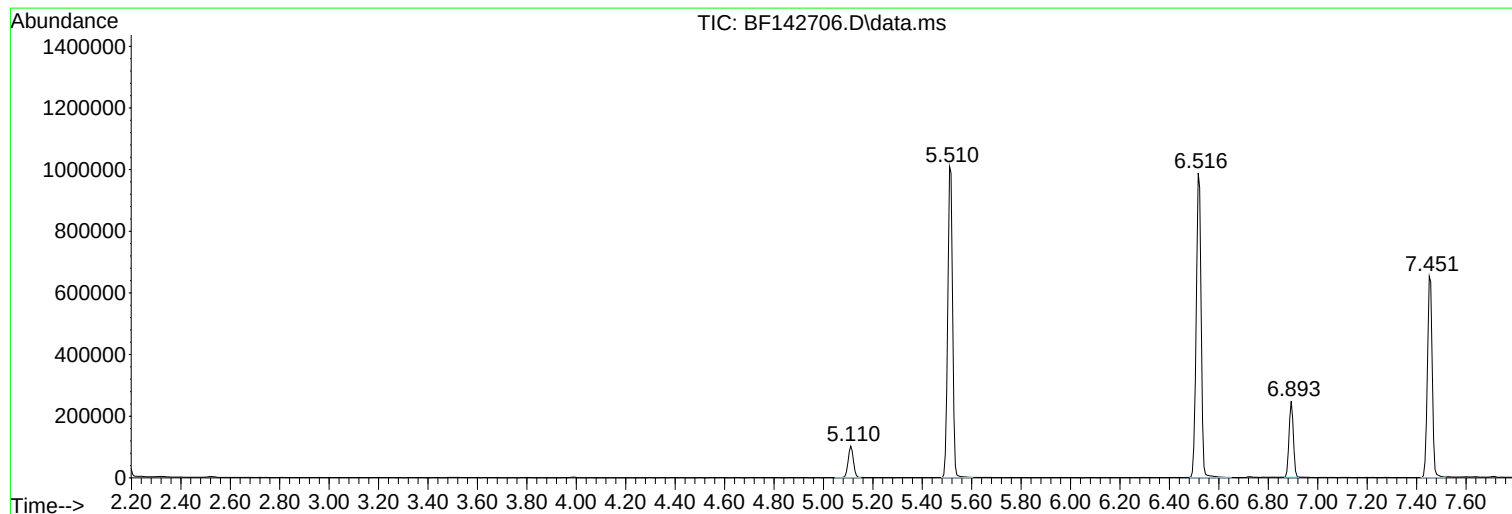
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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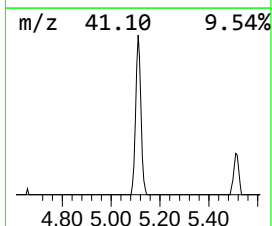
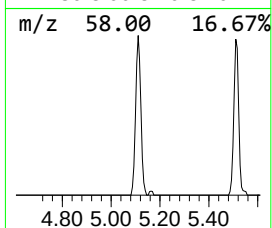
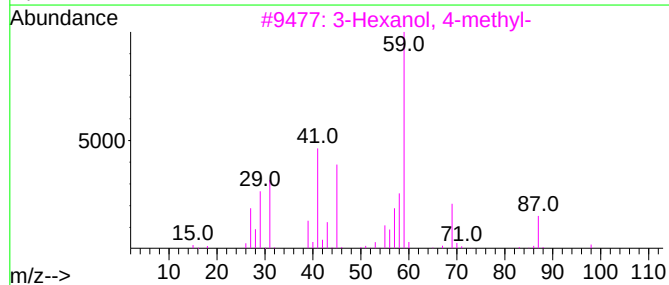
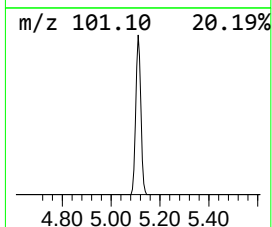
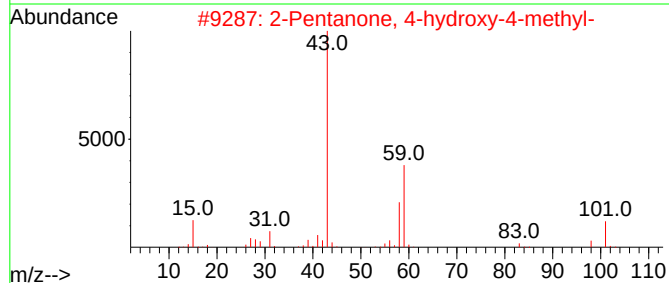
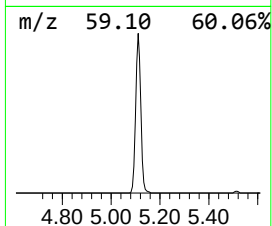
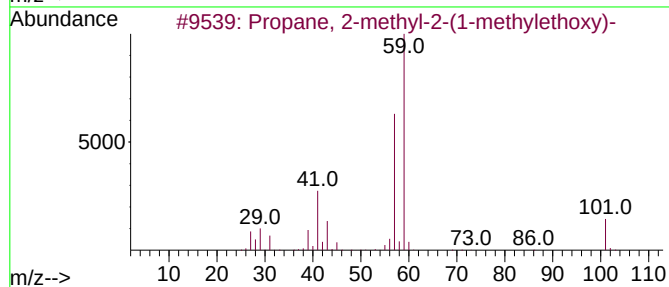
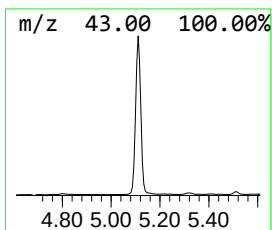
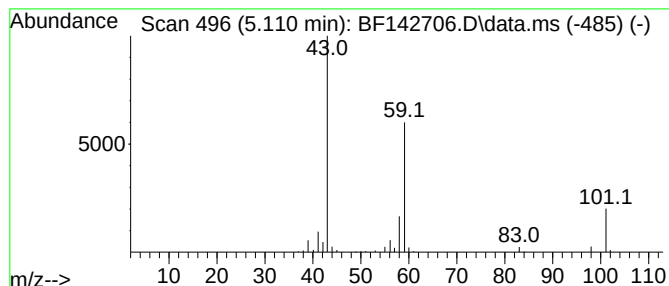
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 2

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.110 | 10.17 ng | 151529 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 53   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 53   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 28   |
| 4    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 5    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 10   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

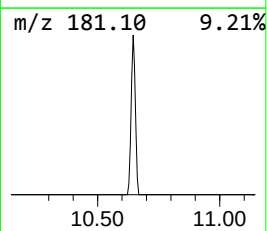
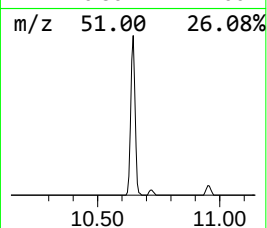
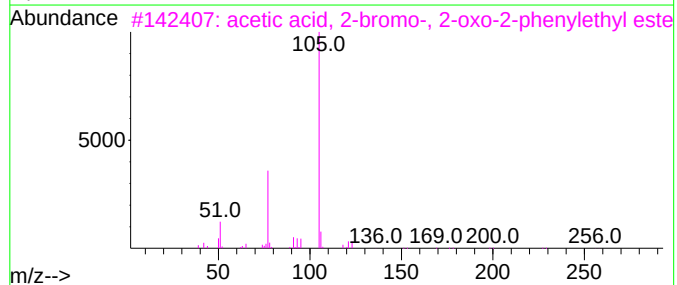
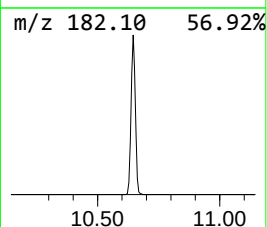
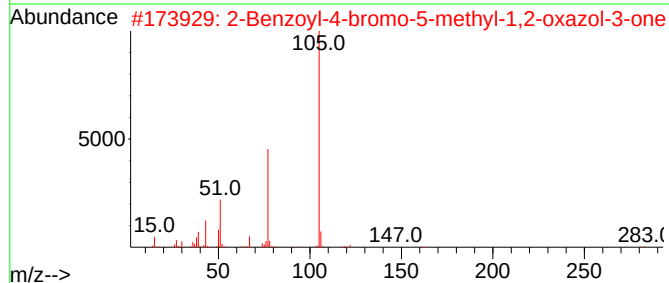
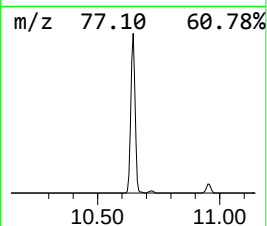
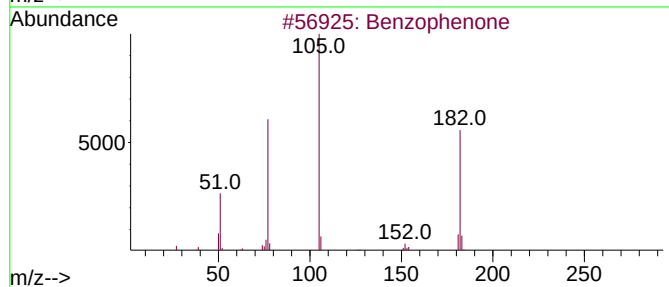
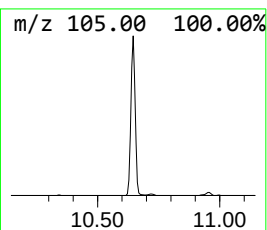
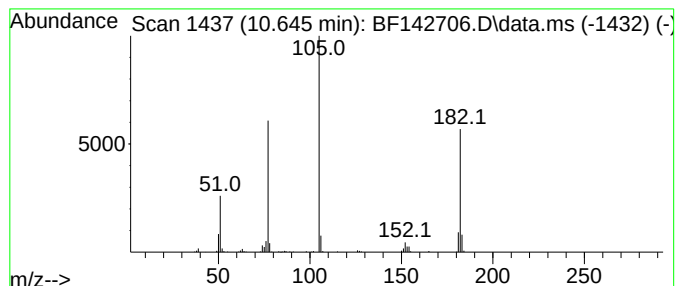
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.  |
|--------|----------|--------|------------------|-------|
| 10.645 | 11.39 ng | 243309 | Acenaphthene-d10 | 9.934 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9  | 96   |
| 2    |    |   | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 47   |
| 3    |    |   | acetic acid, 2-bromo-, 2-oxo-2-p... | 256 | C10H9BrO3  | 1000401-50-0 | 47   |
| 4    |    |   | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O   | 1000296-76-9 | 47   |
| 5    |    |   | N-Methoxy-N-methylbenzamide         | 165 | C9H11NO2   | 006919-61-5  | 47   |



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Sample : Q2266-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-5

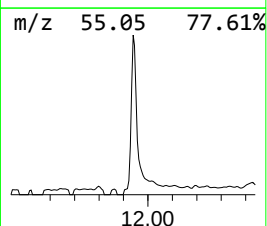
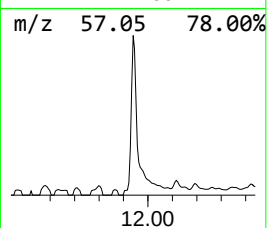
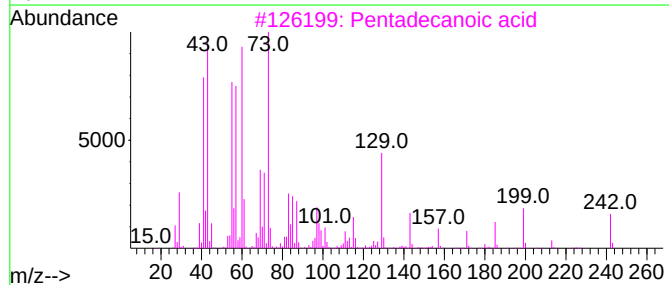
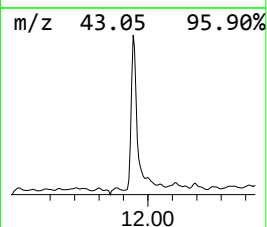
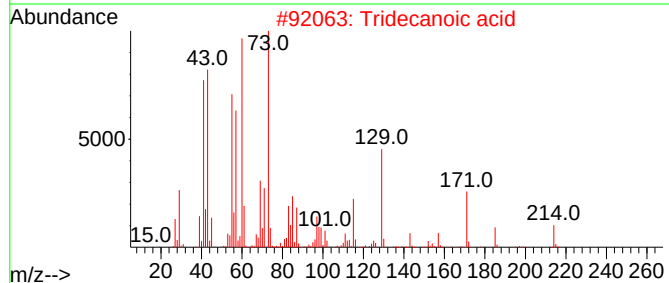
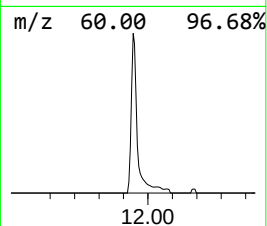
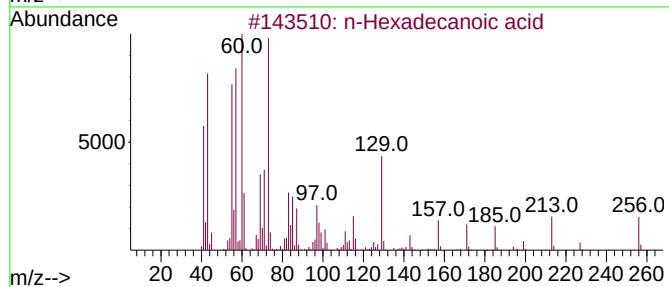
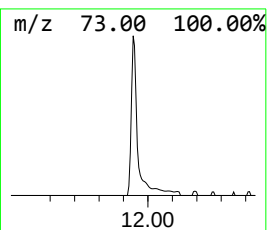
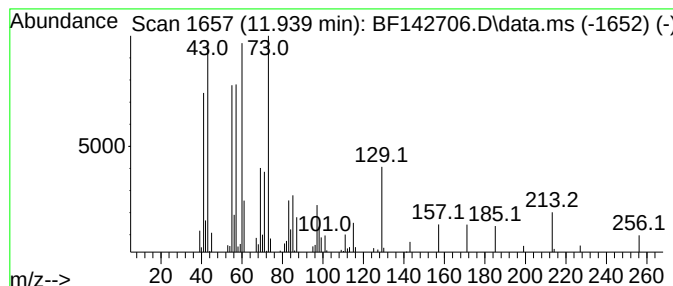
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.939 | 7.17 ng | 140169 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|----------|--------------|------|
| 1    |    |   | n-Hexadecanoic acid               | 256 | C16H32O2 | 000057-10-3  | 99   |
| 2    |    |   | Tridecanoic acid                  | 214 | C13H26O2 | 000638-53-9  | 91   |
| 3    |    |   | Pentadecanoic acid                | 242 | C15H30O2 | 001002-84-2  | 87   |
| 4    |    |   | Tetradecanoic acid                | 228 | C14H28O2 | 000544-63-8  | 72   |
| 5    |    |   | Oxalic acid, dodecyl propyl ester | 300 | C17H32O4 | 1000309-26-5 | 30   |



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Sample : Q2266-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-5

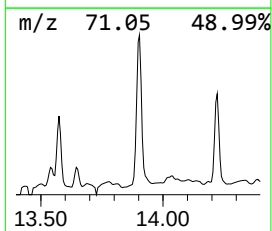
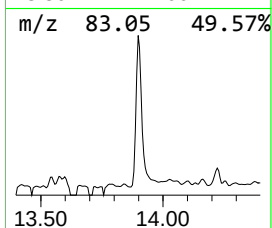
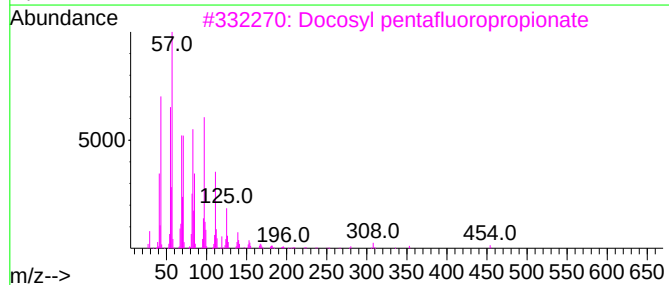
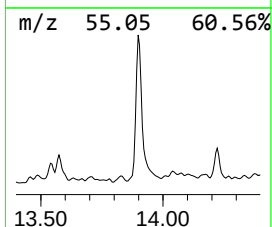
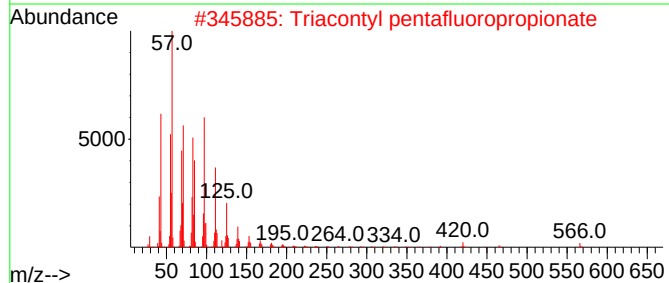
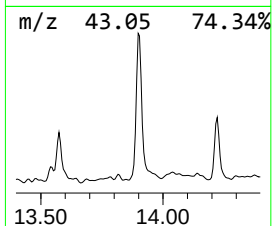
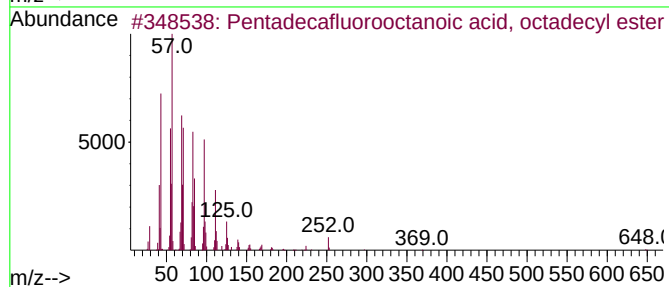
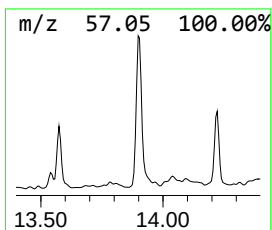
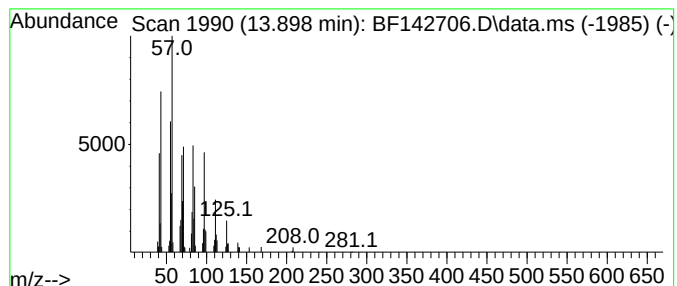
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 4

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 13.898    | 7.12 ng                             | 91792 | Chrysene-d12     | 14.063       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Pentadecafluorooctanoic acid, oc... | 666   | C26H37F15O2      | 1000406-04-8 | 95   |
| 2         | Triacontyl pentafluoropropionate    | 584   | C33H61F5O2       | 1000351-80-0 | 91   |
| 3         | Docosyl pentafluoropropionate       | 472   | C25H45F5O2       | 1000351-80-9 | 91   |
| 4         | Octacosyl heptafluorobutyrate       | 606   | C32H57F7O2       | 1010351-83-6 | 91   |
| 5         | Triacontyl trifluoroacetate         | 534   | C32H61F3O2       | 1000351-75-7 | 91   |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Propane, 2-meth... | 5.110  | 10.2    | ng    | 151529   | 1                     | 6.893  | 297988 | 20.0 |
| Benzophenone       | 10.645 | 11.4    | ng    | 243309   | 3                     | 9.934  | 427078 | 20.0 |
| n-Hexadecanoic ... | 11.939 | 7.2     | ng    | 140169   | 4                     | 11.422 | 391210 | 20.0 |
| Pentadecafluoro... | 13.898 | 7.1     | ng    | 91792    | 5                     | 14.063 | 257925 | 20.0 |