

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102825\  
 Data File : BF144103.D  
 Acq On : 28 Oct 2025 16:15  
 Operator : RC/JU  
 Sample : Q3424-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PR132-S14-000094-20251021

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-BF102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144103.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         | 5.104       | 491           | 495         | 503          | rVB      | 13985          | 22198         | 1.33%           | 0.179%        |
| 2         | 5.498       | 556           | 562         | 580          | rBV      | 980966         | 1301107       | 78.15%          | 10.478%       |
| 3         | 6.504       | 727           | 733         | 747          | rBV      | 981034         | 1359730       | 81.67%          | 10.950%       |
| 4         | 6.875       | 791           | 796         | 802          | rBV      | 327649         | 406021        | 24.39%          | 3.270%        |
| 5         | 7.439       | 886           | 892         | 901          | rBV      | 637726         | 859398        | 51.62%          | 6.921%        |
| 6         | 7.698       | 931           | 936         | 943          | rVB3     | 10162          | 17655         | 1.06%           | 0.142%        |
| 7         | 8.157       | 1009          | 1014        | 1020         | rBV      | 402554         | 522726        | 31.40%          | 4.209%        |
| 8         | 8.381       | 1042          | 1052        | 1059         | rBV5     | 12731          | 30958         | 1.86%           | 0.249%        |
| 9         | 8.575       | 1081          | 1085        | 1096         | rVB2     | 14129          | 26139         | 1.57%           | 0.210%        |
| 10        | 9.175       | 1184          | 1187        | 1191         | rVB2     | 15101          | 17543         | 1.05%           | 0.141%        |
| 11        | 9.233       | 1191          | 1197        | 1202         | rBV      | 1310343        | 1657213       | 99.54%          | 13.345%       |
| 12        | 9.628       | 1259          | 1264        | 1271         | rVB3     | 28779          | 43118         | 2.59%           | 0.347%        |
| 13        | 9.916       | 1307          | 1313        | 1318         | rBV      | 497963         | 631179        | 37.91%          | 5.083%        |
| 14        | 10.463      | 1403          | 1406        | 1411         | rVB      | 13941          | 17889         | 1.07%           | 0.144%        |
| 15        | 10.563      | 1419          | 1423        | 1429         | rBV3     | 21611          | 41495         | 2.49%           | 0.334%        |
| 16        | 10.628      | 1429          | 1434        | 1440         | rBV      | 238056         | 310263        | 18.64%          | 2.498%        |
| 17        | 10.704      | 1442          | 1447        | 1453         | rBV      | 913188         | 1187540       | 71.33%          | 9.563%        |
| 18        | 10.827      | 1463          | 1468        | 1475         | rBV2     | 44622          | 67984         | 4.08%           | 0.547%        |
| 19        | 10.939      | 1483          | 1487        | 1495         | rBV      | 42890          | 64750         | 3.89%           | 0.521%        |
| 20        | 11.145      | 1519          | 1522        | 1530         | rBV8     | 7256           | 18893         | 1.13%           | 0.152%        |
| 21        | 11.292      | 1543          | 1547        | 1553         | rVB3     | 29677          | 48294         | 2.90%           | 0.389%        |
| 22        | 11.404      | 1561          | 1566        | 1575         | rBV      | 527423         | 759035        | 45.59%          | 6.112%        |
| 23        | 11.645      | 1603          | 1607        | 1613         | rBV6     | 11760          | 22517         | 1.35%           | 0.181%        |
| 24        | 11.927      | 1650          | 1655        | 1662         | rBV2     | 144004         | 218827        | 13.14%          | 1.762%        |
| 25        | 12.180      | 1695          | 1698        | 1704         | rVB7     | 10790          | 18571         | 1.12%           | 0.150%        |
| 26        | 12.621      | 1769          | 1773        | 1777         | rBV      | 50637          | 66917         | 4.02%           | 0.539%        |
| 27        | 12.851      | 1807          | 1812        | 1820         | rBV      | 38442          | 66930         | 4.02%           | 0.539%        |
| 28        | 12.992      | 1830          | 1836        | 1841         | rBV      | 1287482        | 1664941       | 100.00%         | 13.407%       |
| 29        | 13.892      | 1986          | 1989        | 1991         | rBV2     | 13013          | 18866         | 1.13%           | 0.152%        |
| 30        | 14.051      | 2009          | 2016        | 2028         | rVB      | 329363         | 489145        | 29.38%          | 3.939%        |
| 31        | 14.898      | 2157          | 2160        | 2165         | rVB      | 20411          | 27430         | 1.65%           | 0.221%        |
| 32        | 15.533      | 2262          | 2268        | 2277         | rVB      | 249473         | 412792        | 24.79%          | 3.324%        |

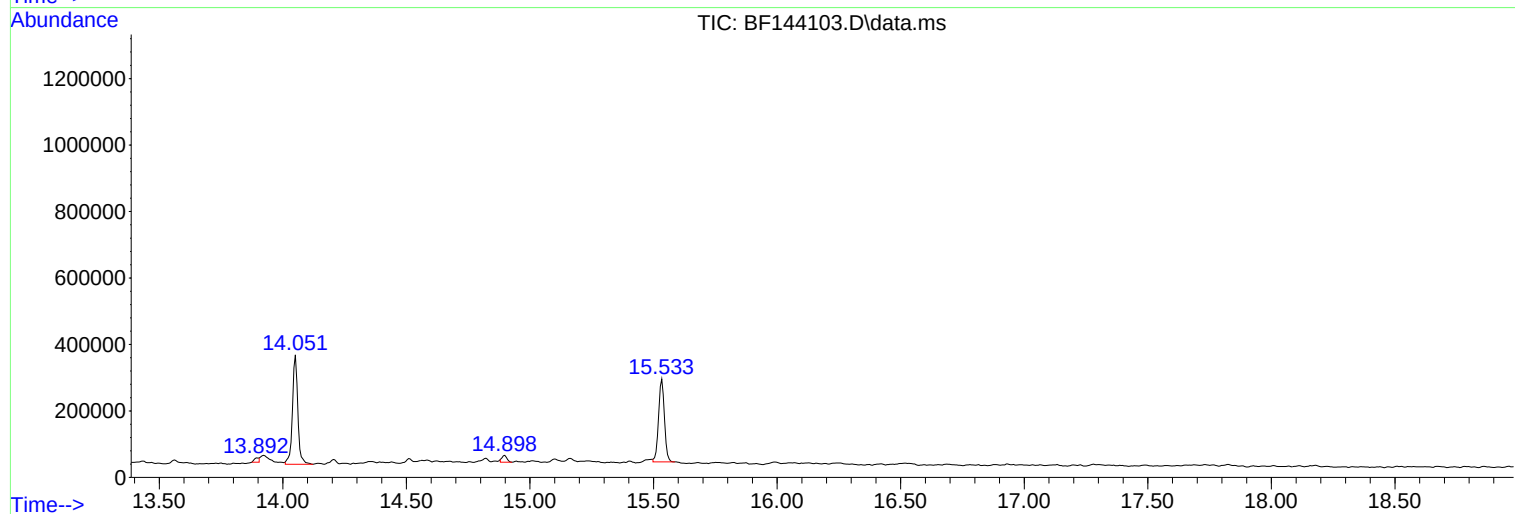
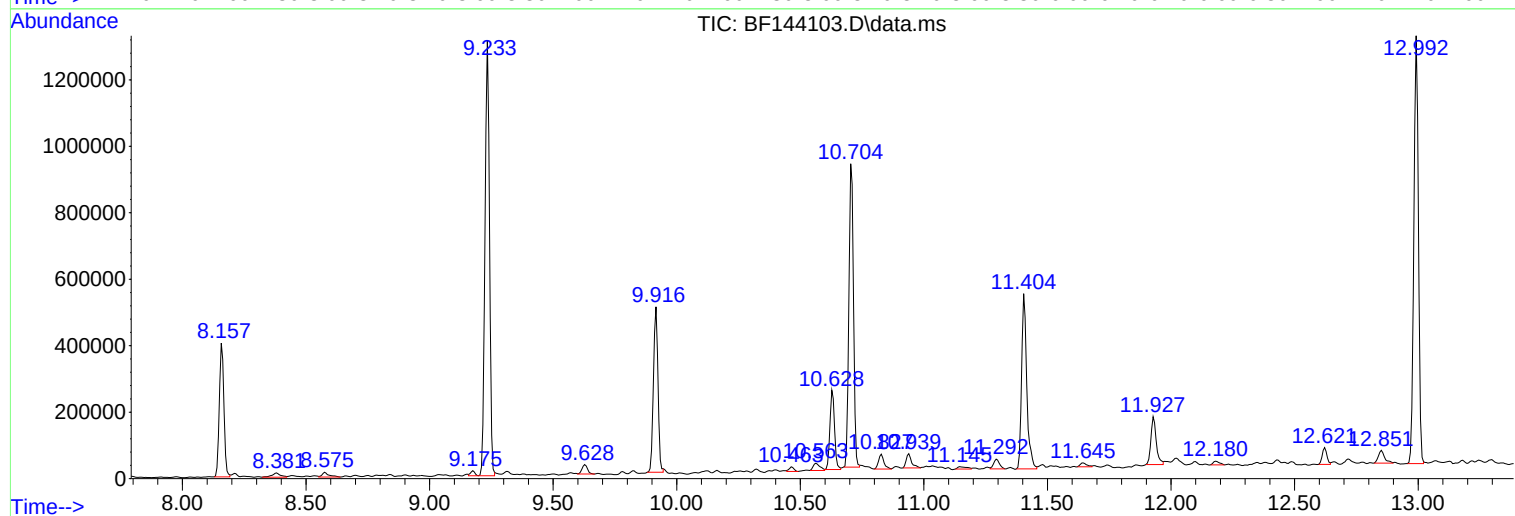
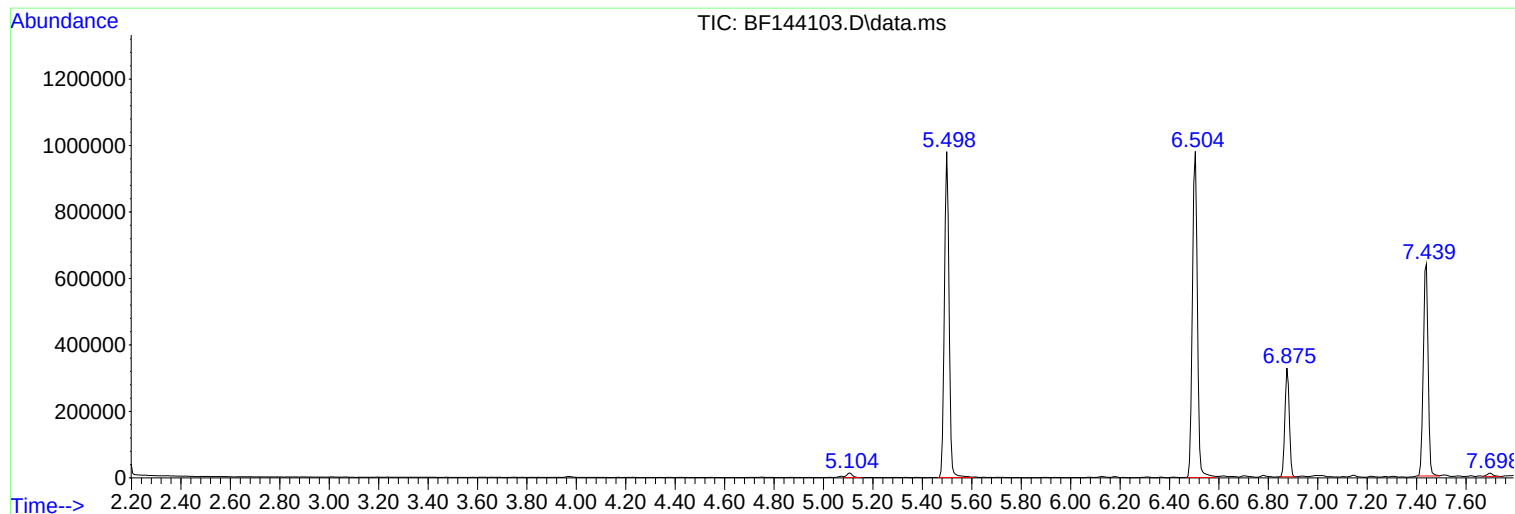
Sum of corrected areas: 12418064

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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S14-000094-20251021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102825\  
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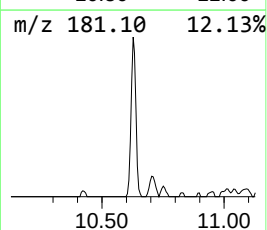
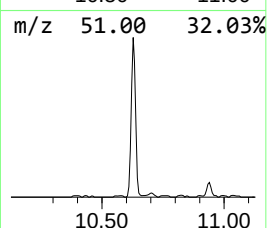
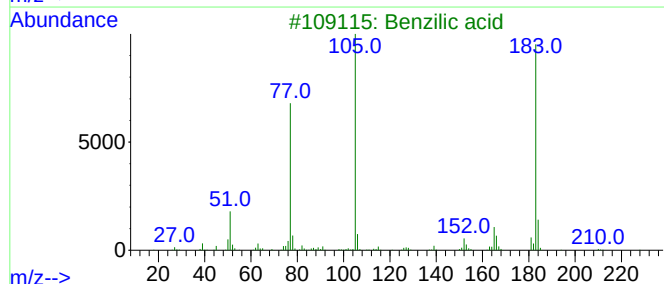
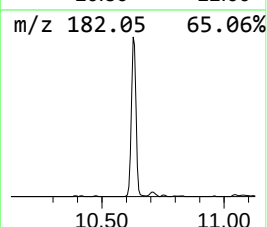
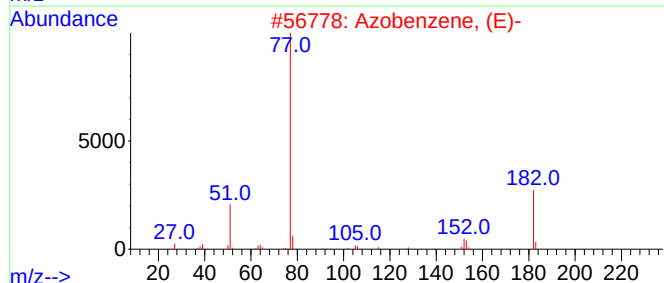
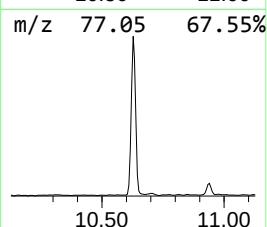
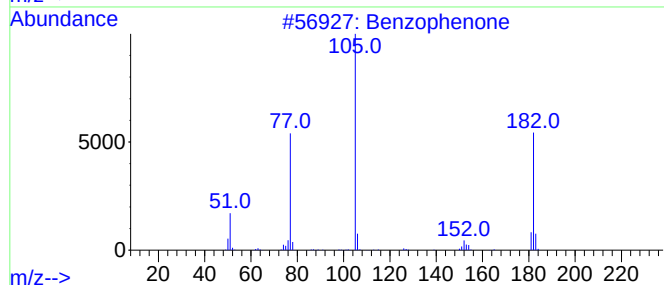
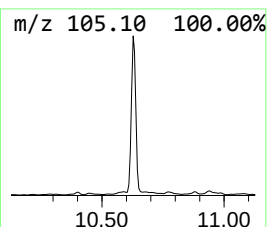
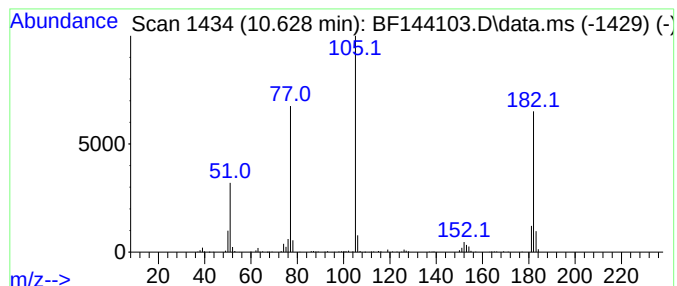
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.628 | 9.83 ng | 310263 | Acenaphthene-d10 | 9.916 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone            | 182 | C13H10O  | 000119-61-9 | 97   |
| 2    |    |   | Azobenzene, (E)-        | 182 | C12H10N2 | 017082-12-1 | 53   |
| 3    |    |   | Benzilic acid           | 228 | C14H12O3 | 000076-93-7 | 47   |
| 4    |    |   | Methyl benzilate        | 242 | C15H14O3 | 000076-89-1 | 47   |
| 5    |    |   | Acetophenone, 2-chloro- | 154 | C8H7ClO  | 000532-27-4 | 46   |



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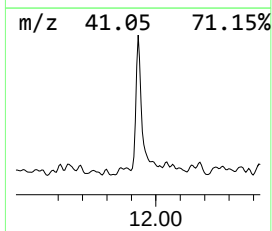
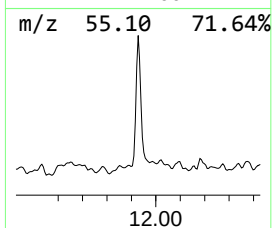
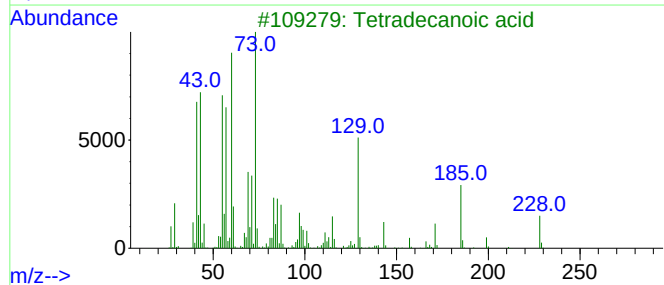
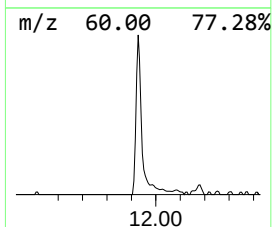
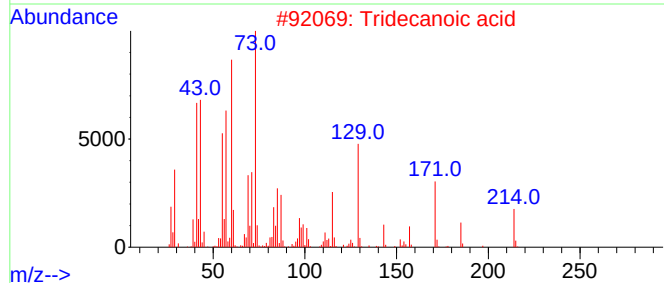
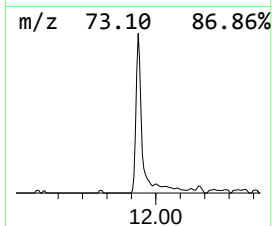
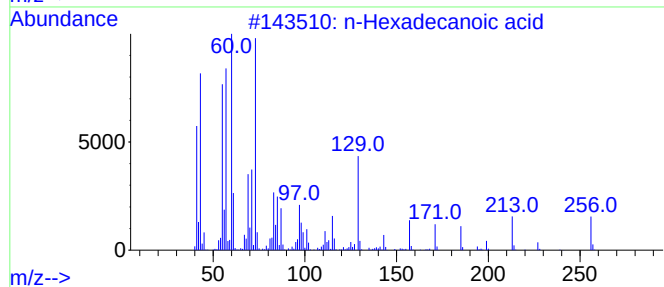
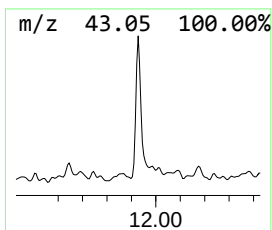
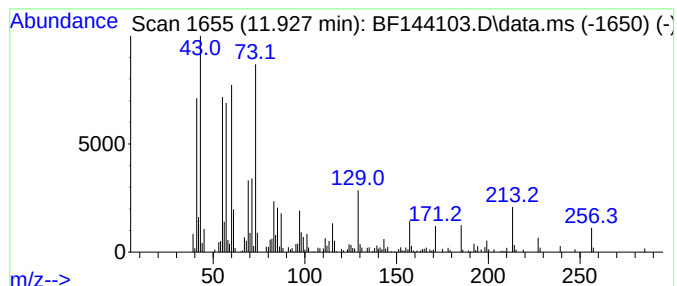
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.927 | 5.77 ng | 218827 | Phenanthrene-d10 | 11.404 |

| 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 | 94   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | # | RT     | Resp   | Conc |
|--------------------|--------|---------|-------|----------|---|--------|--------|------|
| Benzophenone       | 10.628 | 9.8     | ng    | 310263   | 3 | 9.916  | 631179 | 20.0 |
| n-Hexadecanoic ... | 11.927 | 5.8     | ng    | 218827   | 4 | 11.404 | 759035 | 20.0 |