

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052622\  
 Data File : BG053723.D  
 Acq On : 26 May 2022 19:03  
 Operator : CG/JU  
 Sample : N2985-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P021-SS005-0006-01

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\_G\Methods\8270-BG050522.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053723.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         | 3.093       | 12            | 18          | 32           | rVB      | 194551         | 358933        | 24.43%          | 4.314%        |
| 2         | 5.067       | 347           | 354         | 362          | rBV3     | 9165           | 16966         | 1.15%           | 0.204%        |
| 3         | 5.555       | 431           | 437         | 454          | rBV      | 419458         | 701606        | 47.74%          | 8.433%        |
| 4         | 7.164       | 704           | 711         | 728          | rBV      | 451432         | 795250        | 54.12%          | 9.559%        |
| 5         | 7.987       | 844           | 851         | 859          | rBV      | 102348         | 176392        | 12.00%          | 2.120%        |
| 6         | 9.150       | 1042          | 1049        | 1058         | rBV      | 281522         | 512126        | 34.85%          | 6.156%        |
| 7         | 10.795      | 1322          | 1329        | 1337         | rBV      | 143747         | 251085        | 17.09%          | 3.018%        |
| 8         | 13.244      | 1739          | 1746        | 1756         | rBV      | 750201         | 1151975       | 78.39%          | 13.847%       |
| 9         | 14.619      | 1974          | 1980        | 1987         | rVB      | 221154         | 349207        | 23.76%          | 4.198%        |
| 10        | 16.111      | 2228          | 2234        | 2244         | rBV      | 539246         | 856729        | 58.30%          | 10.298%       |
| 11        | 17.368      | 2441          | 2448        | 2457         | rVB      | 266970         | 398670        | 27.13%          | 4.792%        |
| 12        | 18.255      | 2595          | 2599        | 2608         | rBV      | 106134         | 191996        | 13.07%          | 2.308%        |
| 13        | 19.389      | 2787          | 2792        | 2794         | rBV2     | 58622          | 93065         | 6.33%           | 1.119%        |
| 14        | 19.530      | 2813          | 2816        | 2825         | rVB5     | 32172          | 58891         | 4.01%           | 0.708%        |
| 15        | 19.977      | 2886          | 2892        | 2897         | rVB      | 1146456        | 1469529       | 100.00%         | 17.664%       |
| 16        | 21.263      | 3107          | 3111        | 3118         | rBV3     | 58845          | 96290         | 6.55%           | 1.157%        |
| 17        | 21.633      | 3168          | 3174        | 3183         | rBV      | 264181         | 428673        | 29.17%          | 5.153%        |
| 18        | 24.835      | 3711          | 3719        | 3728         | rVB3     | 140888         | 411929        | 28.03%          | 4.951%        |

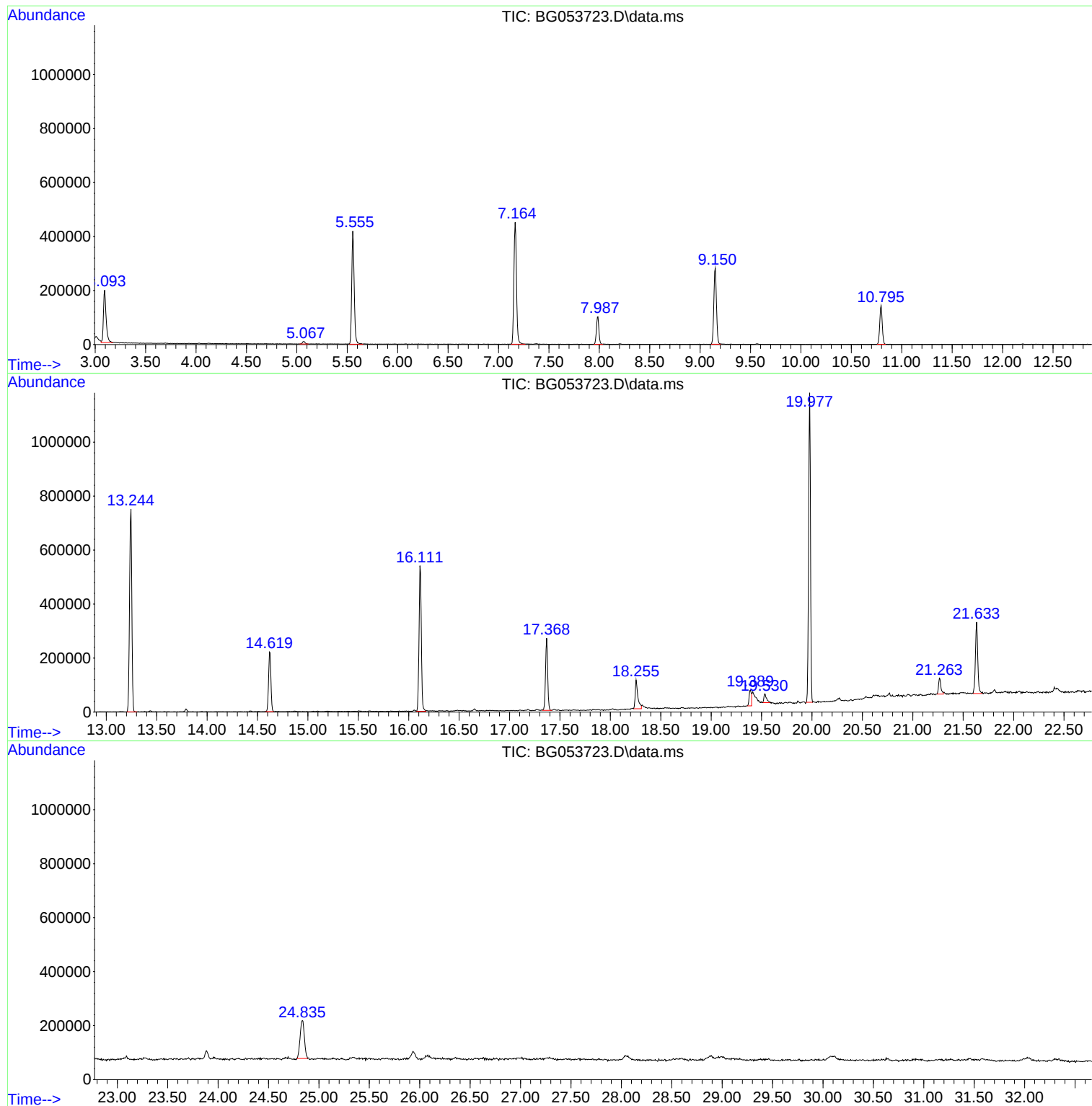
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Sample : N2985-10  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.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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BNA\_G  
ClientSampleId :  
P021-SS005-0006-01

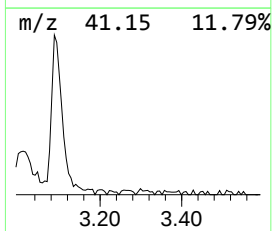
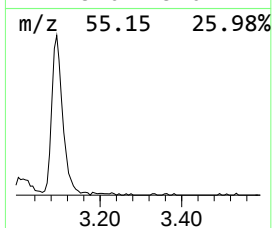
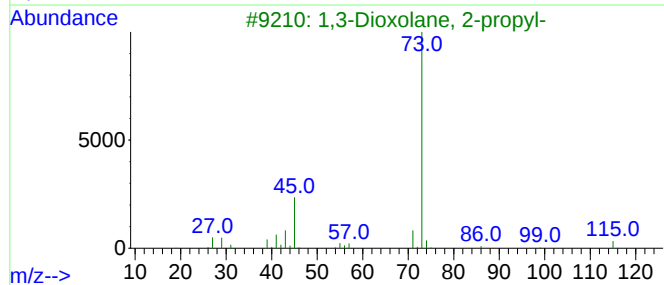
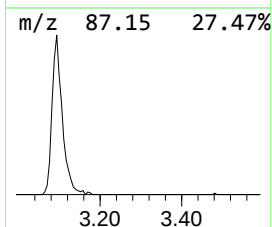
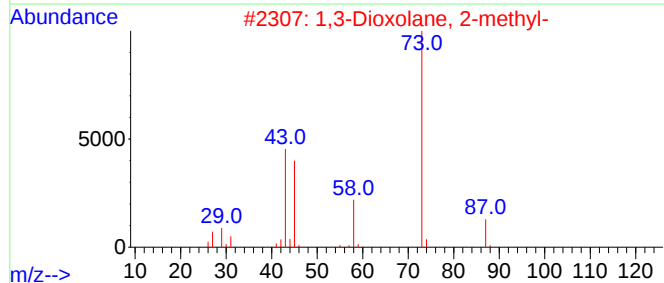
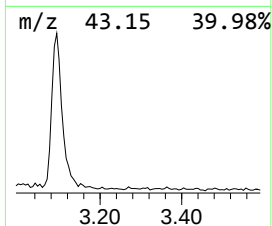
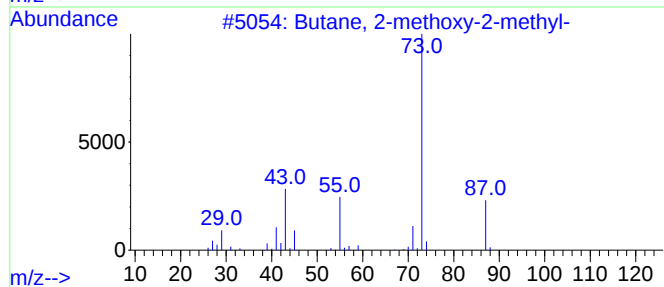
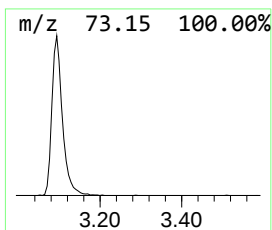
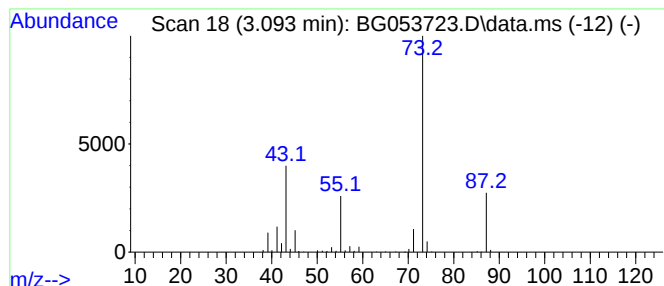
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.093 | 40.70 ng | 358933 | 1,4-Dichlorobenzene-d4 | 7.981 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 50   |
| 2    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 3    |    |   | 1,3-Dioxolane, 2-propyl-    | 116 | C6H12O2 | 003390-13-4 | 23   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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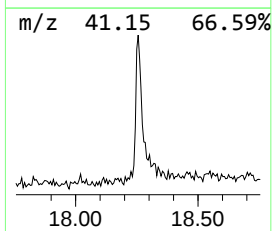
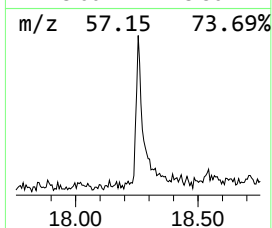
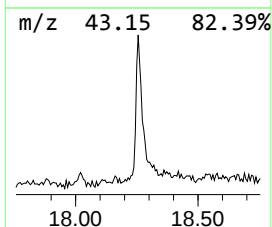
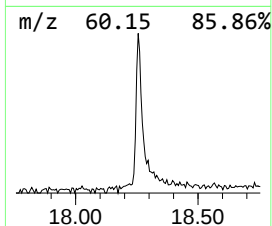
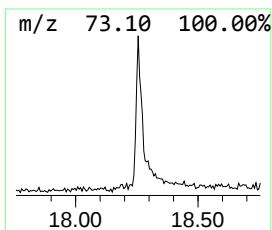
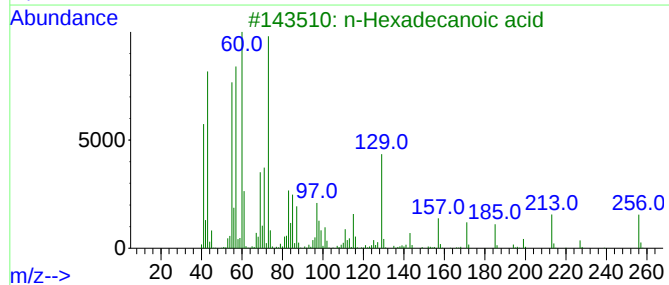
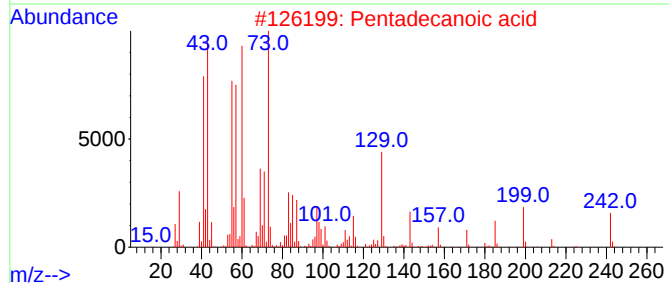
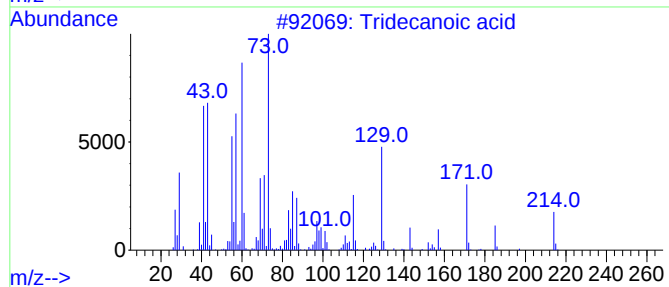
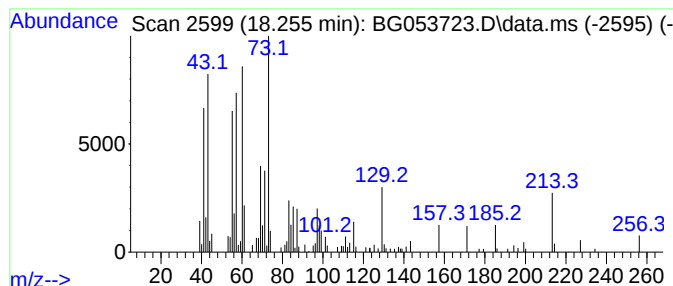
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Tridecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.255 | 9.63 ng | 191996 | Phenanthrene-d10 | 17.368 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 80   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |
| 5    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 58   |



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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS005-0006-01

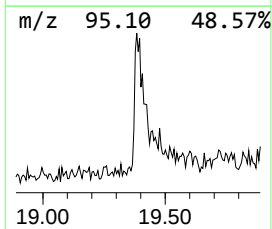
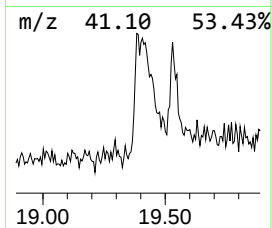
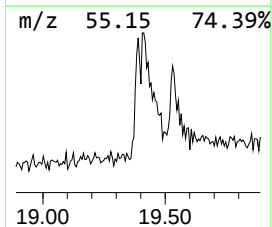
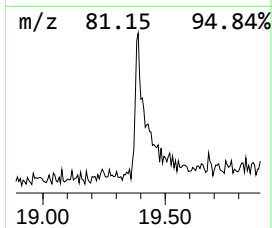
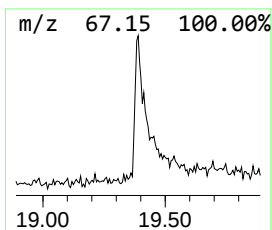
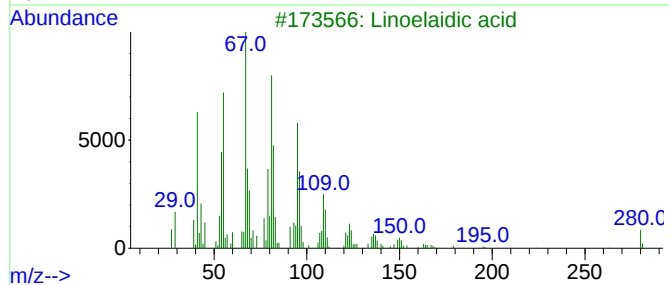
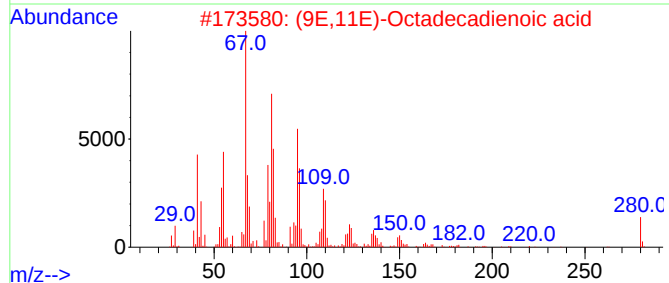
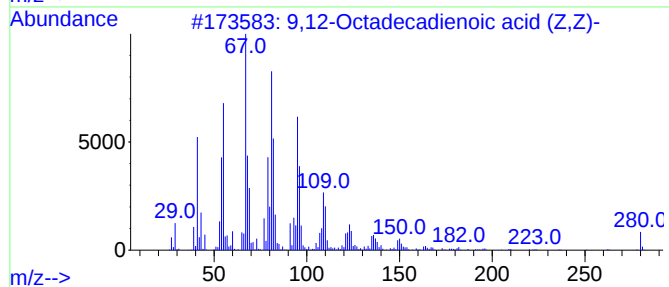
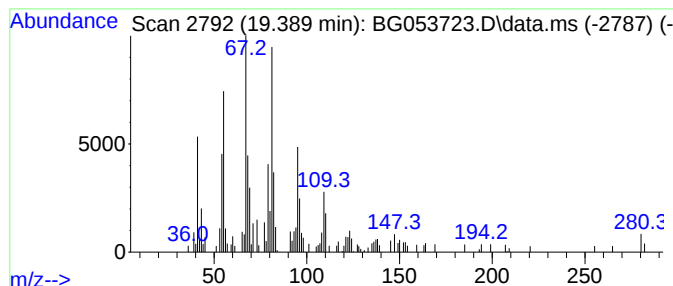
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 9,12-Octadecadienoic acid (... Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 19.389 | 4.67 ng | 93065 | Phenanthrene-d10 | 17.368 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | 9,12-Octadecadienoic acid (Z,Z)- | 280 | C18H32O2 | 000060-33-3 | 97   |
| 2    |    |   | (9E,11E)-Octadecadienoic acid    | 280 | C18H32O2 | 000544-71-8 | 94   |
| 3    |    |   | Linoelaidic acid                 | 280 | C18H32O2 | 000506-21-8 | 93   |
| 4    |    |   | 10E,12Z-Octadecadienoic acid     | 280 | C18H32O2 | 002420-56-6 | 93   |
| 5    |    |   | 8-Hexadecyne                     | 222 | C16H30   | 019781-86-3 | 80   |



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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
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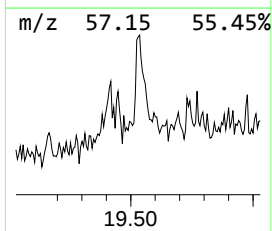
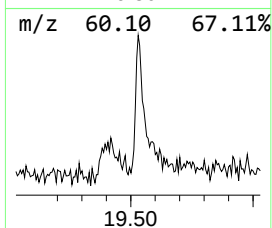
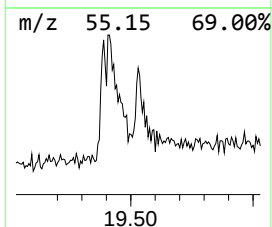
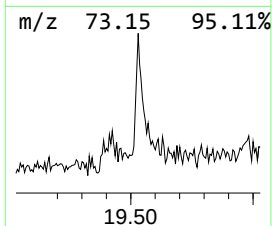
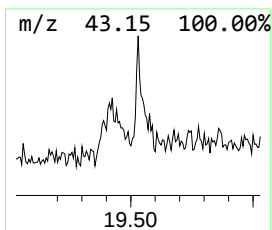
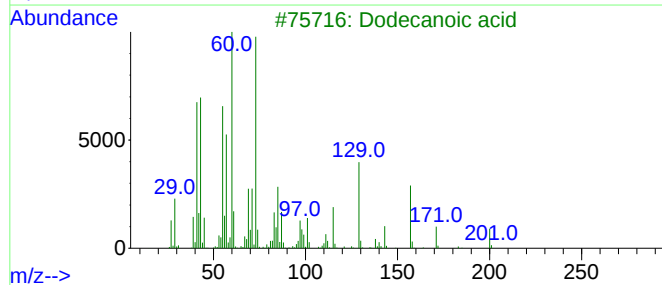
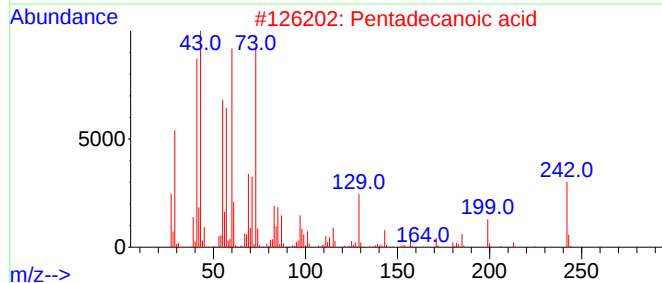
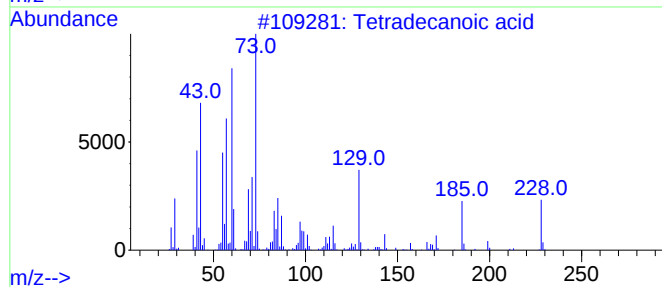
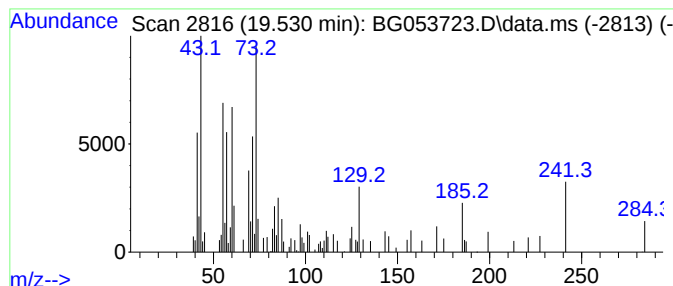
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TIC Library : C:\Database\NIST20.L  
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\*\*\*\*\*  
Peak Number 4 Tetradecanoic acid Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 19.530 | 2.75 ng | 58891 | Chrysene-d12     | 21.633 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 58   |
| 2    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 47   |
| 3    |      | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 43   |
| 4    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 43   |
| 5    |      | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 41   |



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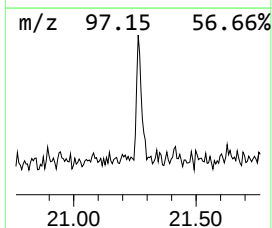
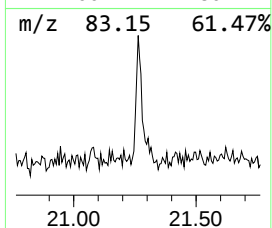
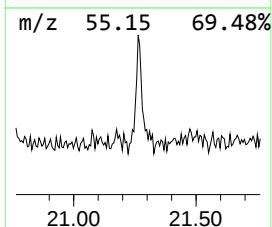
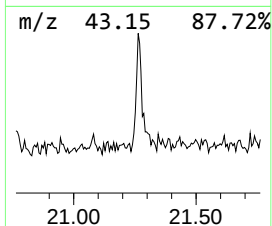
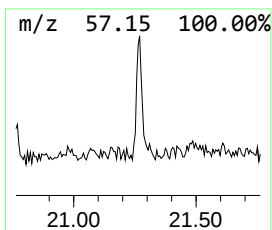
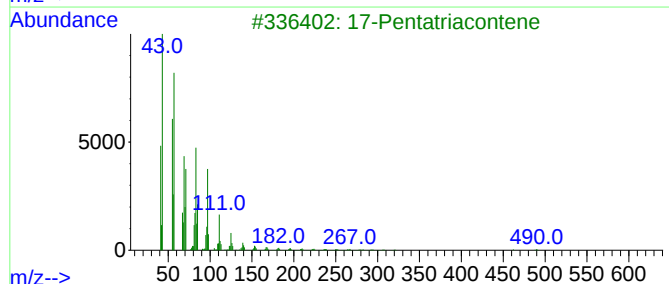
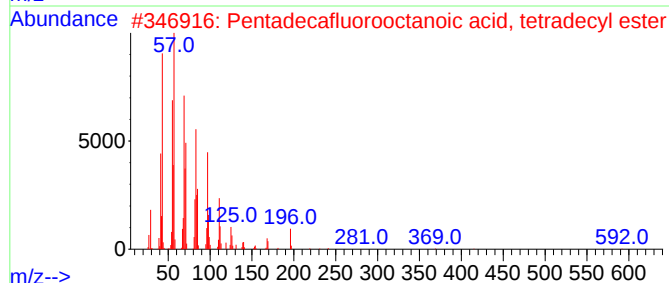
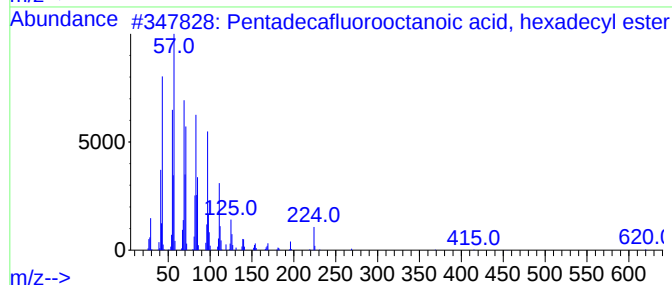
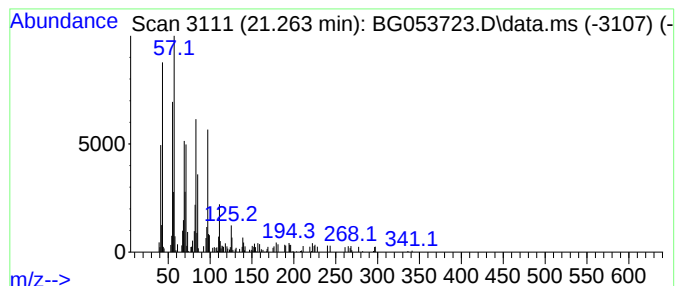
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 21.263 | 4.49 ng | 96290 | Chrysene-d12     | 21.633 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, he... | 638 | C24H33F15O2 | 1000406-04-6 | 94   |
| 2    |    |   | Pentadecafluorooctanoic acid, te... | 610 | C22H29F15O2 | 1000406-04-4 | 91   |
| 3    |    |   | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0  | 91   |
| 4    |    |   | 1-Hexacosene                        | 364 | C26H52      | 018835-33-1  | 87   |
| 5    |    |   | Cyclopentane, (4-octyldodecyl)-     | 350 | C25H50      | 005638-09-5  | 86   |



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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS005-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
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 | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2-metho... | 3.093  | 40.7    | ng    | 358933   | 1                     | 7.981  | 176392 | 20.0 |
| Tridecanoic acid   | 18.255 | 9.6     | ng    | 191996   | 4                     | 17.368 | 398670 | 20.0 |
| 9,12-Octadecadi... | 19.389 | 4.7     | ng    | 93065    | 4                     | 17.368 | 398670 | 20.0 |
| Tetradecanoic acid | 19.530 | 2.8     | ng    | 58891    | 5                     | 21.633 | 428673 | 20.0 |
| Pentadecafluoro... | 21.263 | 4.5     | ng    | 96290    | 5                     | 21.633 | 428673 | 20.0 |