

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040522\  
 Data File : BG053050.D  
 Acq On : 6 Apr 2022 2:59  
 Operator : CG/JU  
 Sample : N2256-03 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-040422

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-BG031522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053050.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         | 5.693       | 384           | 392         | 400          | rBV      | 127373         | 211826        | 2.32%           | 0.972%        |
| 2         | 7.279       | 656           | 662         | 670          | rBV      | 132814         | 237387        | 2.60%           | 1.089%        |
| 3         | 8.131       | 800           | 807         | 814          | rBV      | 188429         | 322250        | 3.53%           | 1.478%        |
| 4         | 9.289       | 998           | 1004        | 1011         | rBV2     | 82289          | 151182        | 1.66%           | 0.693%        |
| 5         | 10.945      | 1276          | 1286        | 1293         | rBV      | 237288         | 458005        | 5.02%           | 2.101%        |
| 6         | 13.377      | 1693          | 1700        | 1707         | rVB      | 205375         | 330213        | 3.62%           | 1.515%        |
| 7         | 14.752      | 1923          | 1934        | 1940         | rBV      | 374449         | 598734        | 6.57%           | 2.746%        |
| 8         | 16.232      | 2179          | 2186        | 2194         | rBV      | 158211         | 253054        | 2.78%           | 1.161%        |
| 9         | 17.495      | 2394          | 2401        | 2405         | rBV      | 402170         | 646541        | 7.09%           | 2.966%        |
| 10        | 18.147      | 2507          | 2512        | 2519         | rVB      | 1375601        | 1837367       | 20.16%          | 8.428%        |
| 11        | 19.287      | 2699          | 2706        | 2709         | rBV      | 6487828        | 9115984       | 100.00%         | 41.814%       |
| 12        | 19.322      | 2709          | 2712        | 2721         | rVB2     | 3557006        | 4858203       | 53.29%          | 22.284%       |
| 13        | 19.445      | 2728          | 2733        | 2739         | rVB      | 680486         | 798890        | 8.76%           | 3.664%        |
| 14        | 19.539      | 2745          | 2749        | 2753         | rVB      | 101246         | 147292        | 1.62%           | 0.676%        |
| 15        | 19.904      | 2807          | 2811        | 2817         | rVB      | 124578         | 187238        | 2.05%           | 0.859%        |
| 16        | 20.092      | 2839          | 2843        | 2848         | rVB      | 274836         | 358409        | 3.93%           | 1.644%        |
| 17        | 20.532      | 2915          | 2918        | 2926         | rBV3     | 64882          | 99375         | 1.09%           | 0.456%        |
| 18        | 21.778      | 3123          | 3130        | 3135         | rBV2     | 357265         | 660379        | 7.24%           | 3.029%        |
| 19        | 22.500      | 3249          | 3253        | 3255         | rBV2     | 72840          | 109874        | 1.21%           | 0.504%        |
| 20        | 25.097      | 3689          | 3695        | 3705         | rVB3     | 153494         | 419291        | 4.60%           | 1.923%        |

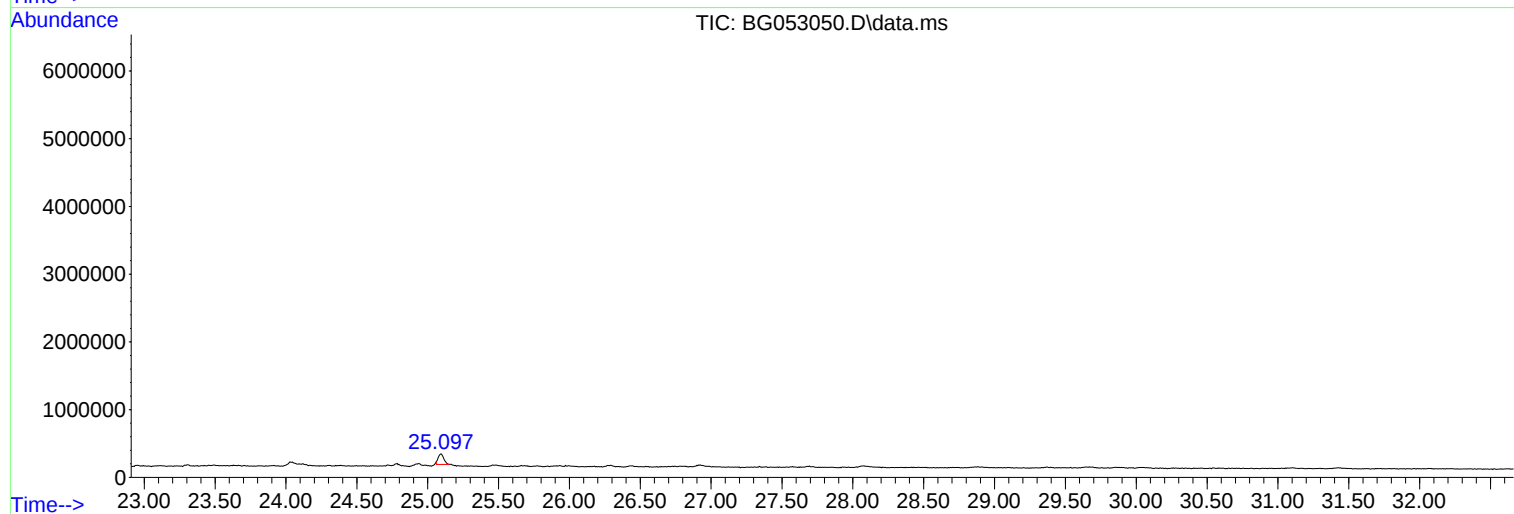
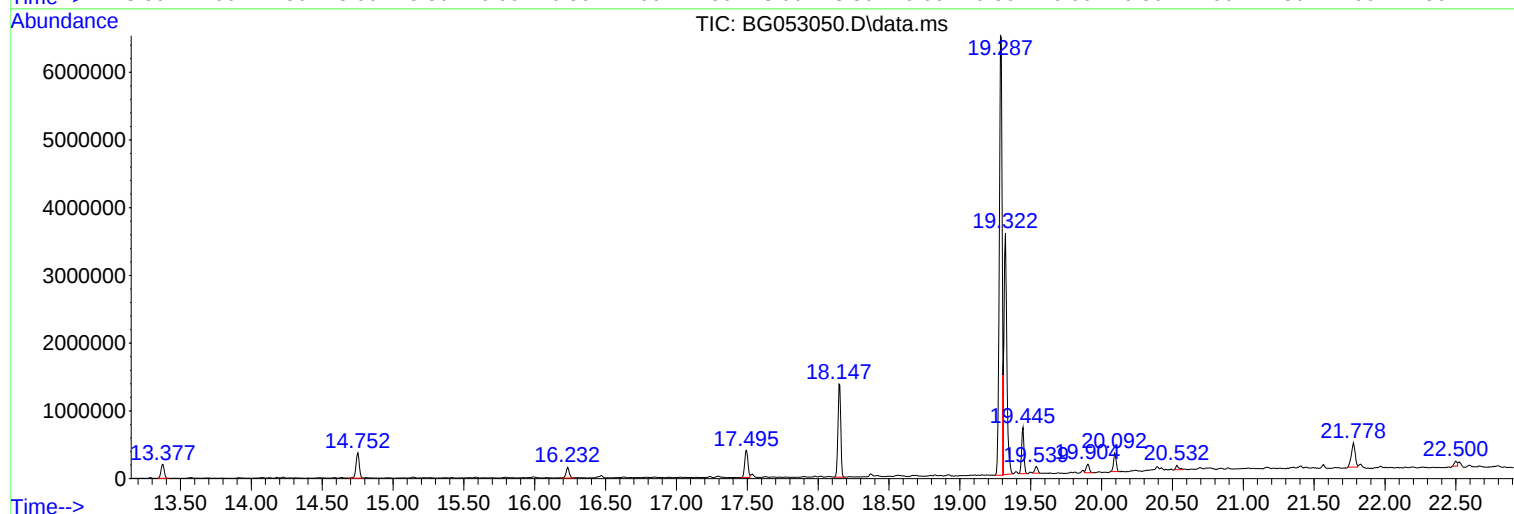
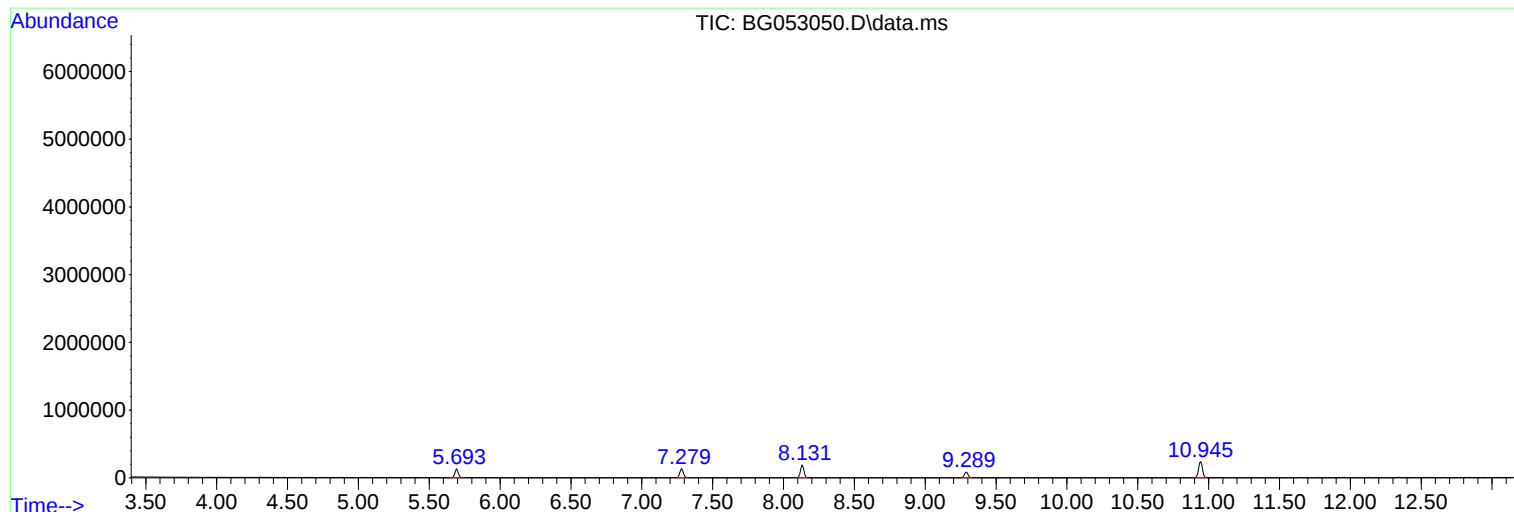
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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.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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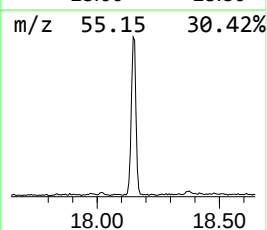
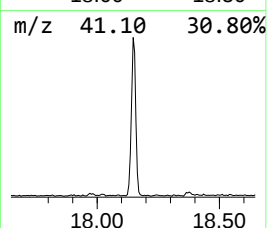
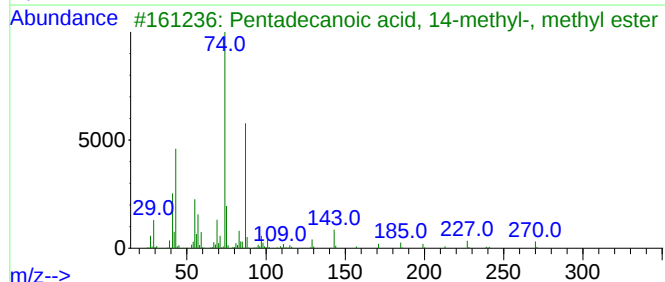
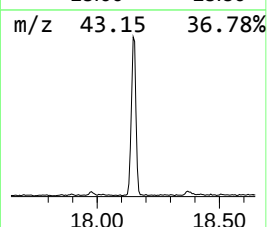
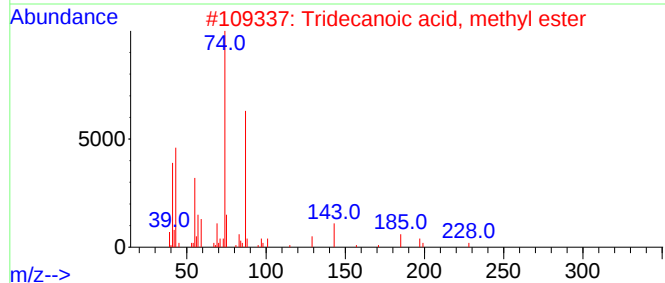
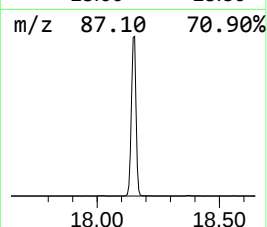
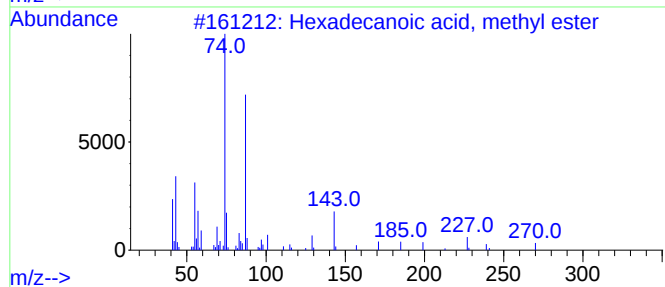
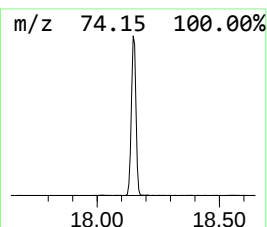
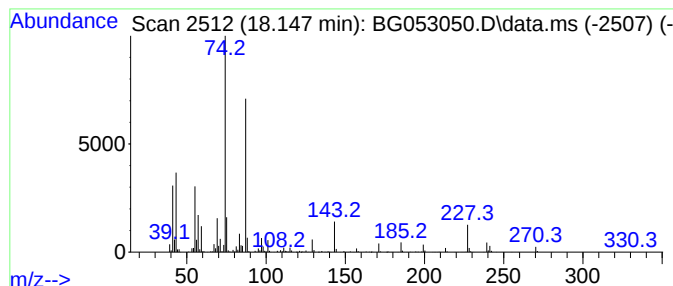
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.147 | 56.84 ng | 1837370 | Phenanthrene-d10 | 17.495 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 98   |
| 2    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 94   |
| 3    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 93   |
| 4    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 87   |
| 5    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 86   |



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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-040422

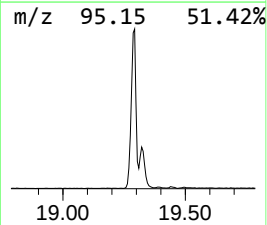
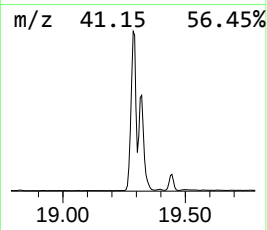
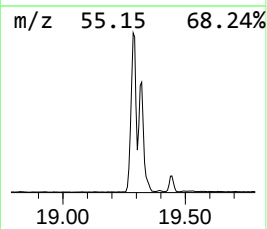
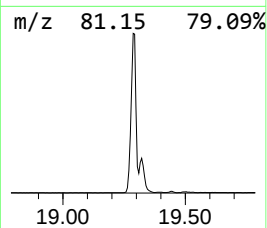
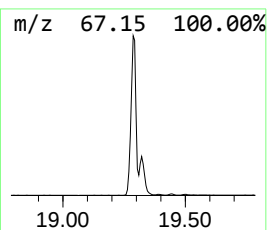
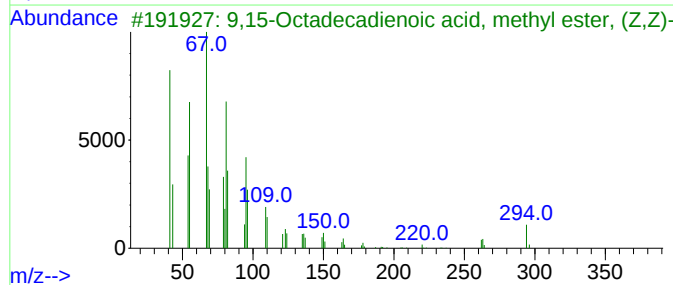
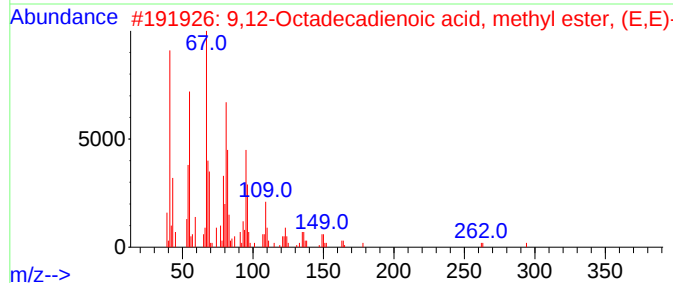
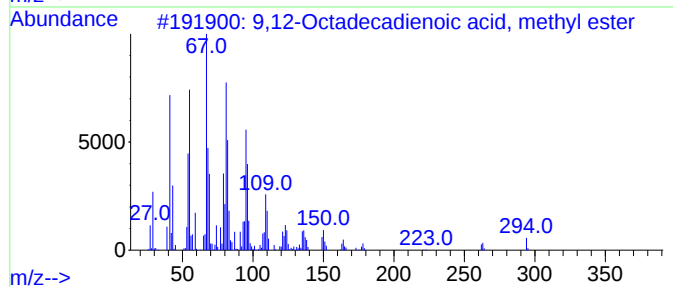
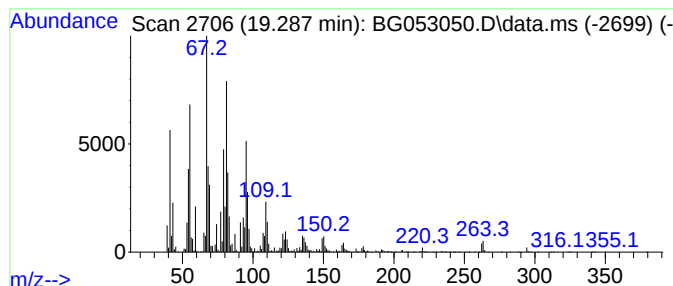
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T.   | EstConc   | Area    | Relative to ISTD                    | R.T.   |          |             |      |
|--------|-----------|---------|-------------------------------------|--------|----------|-------------|------|
| 19.287 | 281.99 ng | 9115980 | Phenanthrene-d10                    | 17.495 |          |             |      |
| Hit#   | of        | 5       | Tentative ID                        | MW     | MolForm  | CAS#        | Qual |
| 1      |           |         | 9,12-Octadecadienoic acid, methy... | 294    | C19H34O2 | 002462-85-3 | 99   |
| 2      |           |         | 9,12-Octadecadienoic acid, methy... | 294    | C19H34O2 | 002566-97-4 | 99   |
| 3      |           |         | 9,15-Octadecadienoic acid, methy... | 294    | C19H34O2 | 017309-05-6 | 98   |
| 4      |           |         | 9,12-Octadecadienoic acid (Z,Z)-... | 294    | C19H34O2 | 000112-63-0 | 95   |
| 5      |           |         | Methyl 9-cis,11-trans-octadecadi... | 294    | C19H34O2 | 013058-52-1 | 94   |



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ALS Vial : 18 Sample Multiplier: 1

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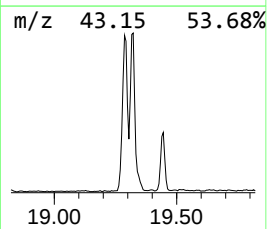
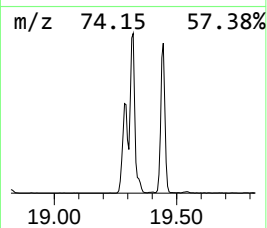
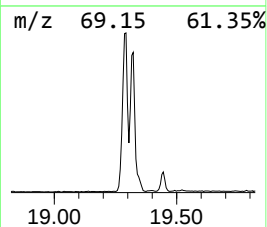
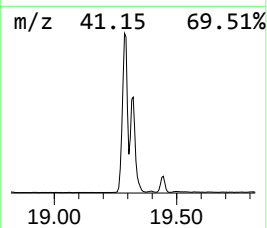
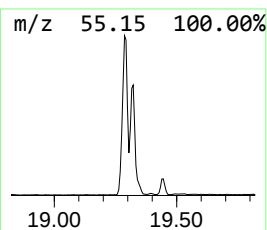
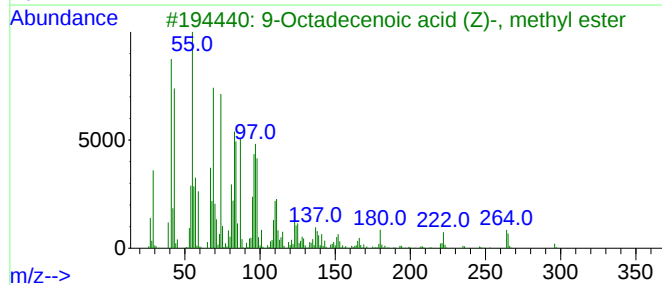
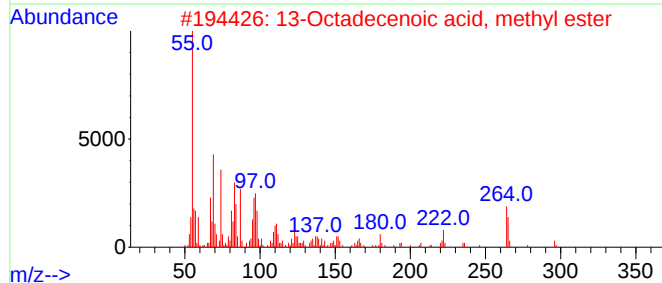
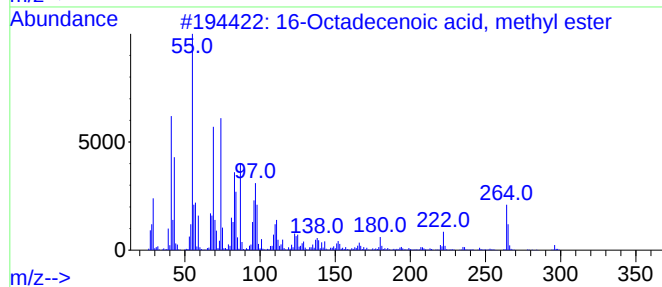
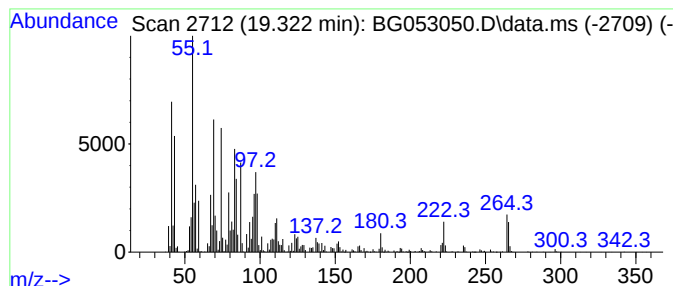
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 16-Octadecenoic acid, methyl... Concentration Rank 2

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.   |
|--------|-----------|---------|------------------|--------|
| 19.322 | 150.28 ng | 4858200 | Phenanthrene-d10 | 17.495 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 16-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-49-5  | 99   |
| 2    |    |   | 13-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-47-3  | 98   |
| 3    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9  | 96   |
| 4    |    |   | 6-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 052355-31-4  | 95   |
| 5    |    |   | (Z)-15-Octadecenoic acid methyl ... | 296 | C19H36O2 | 1000427-69-3 | 95   |



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SU-03-040422

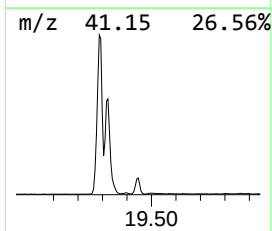
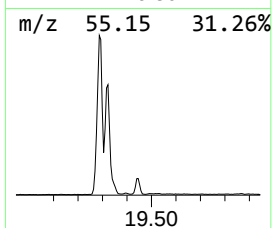
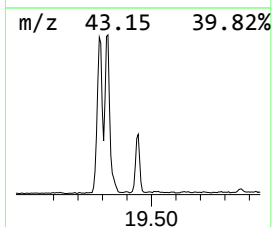
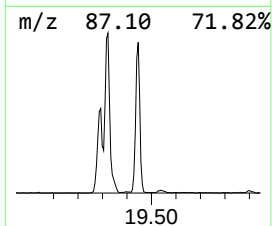
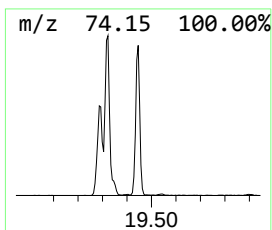
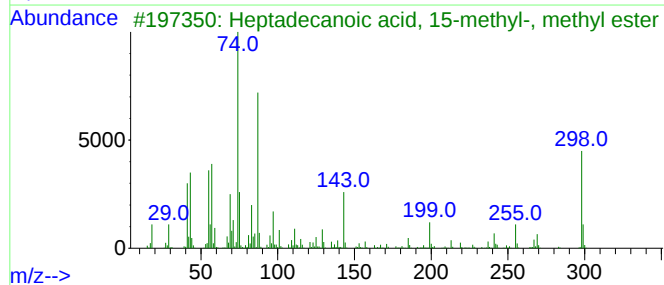
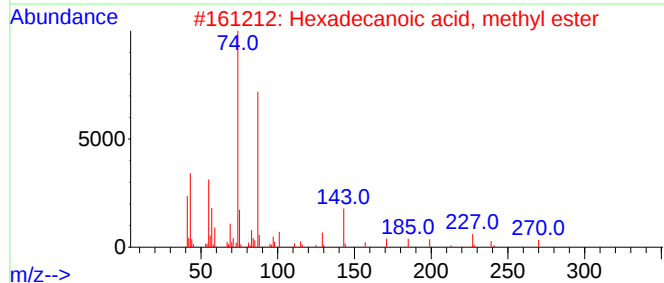
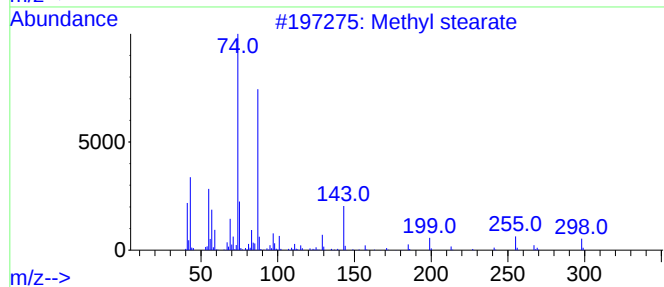
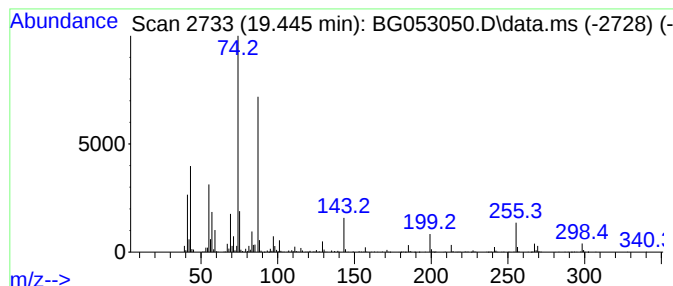
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Methyl stearate Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 19.445 | 24.71 ng | 798890 | Phenanthrene-d10 | 17.495 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 97   |
| 2    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 93   |
| 3    |    |   | Heptadecanoic acid, 15-methyl-, ... | 298 | C19H38O2 | 054833-55-5 | 83   |
| 4    |    |   | Methyl 9-methyltetradecanoate       | 256 | C16H32O2 | 213617-69-7 | 83   |
| 5    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 83   |



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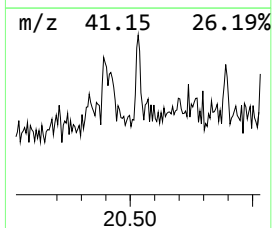
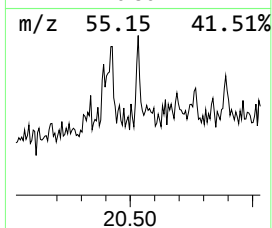
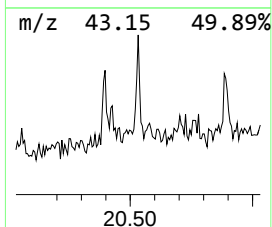
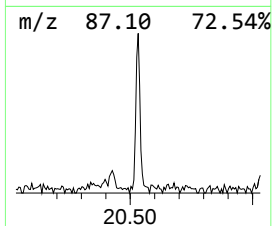
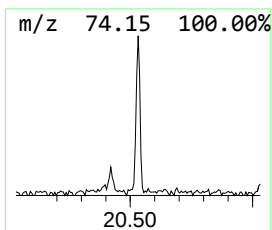
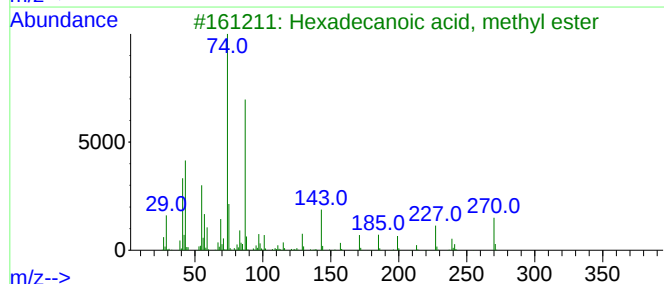
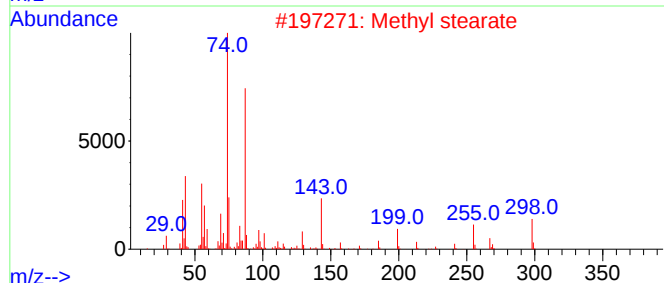
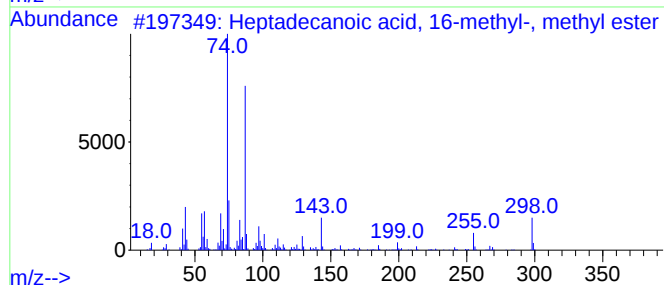
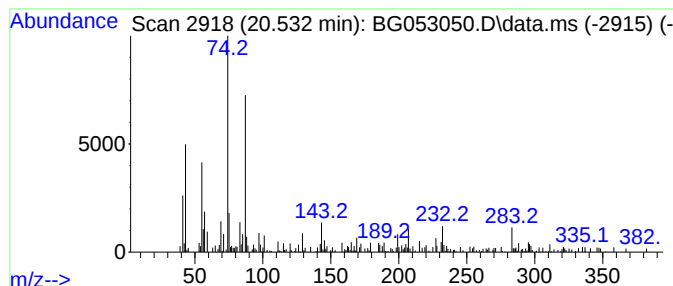
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Heptadecanoic acid, 16-meth... Concentration Rank 6

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 20.532 | 3.01 ng | 99375 | Chrysene-d12     | 21.778 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 98   |
| 2    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 97   |
| 3    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 83   |
| 4    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 83   |
| 5    |    |   | Heptadecanoic acid, methyl ester    | 284 | C18H36O2 | 001731-92-6 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040522\  
Data File : BG053050.D  
Acq On : 6 Apr 2022 2:59  
Operator : CG/JU  
Sample : N2256-03 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-040422

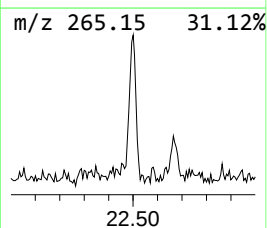
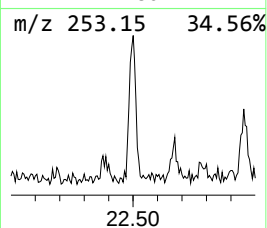
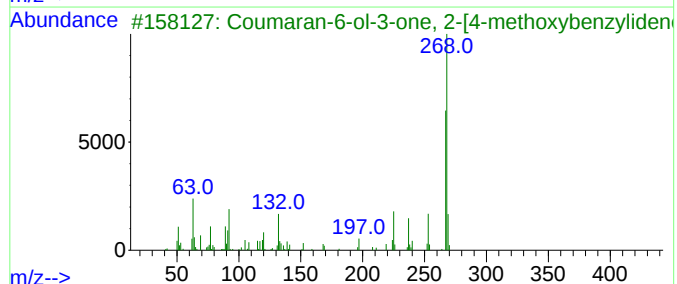
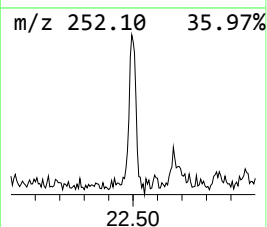
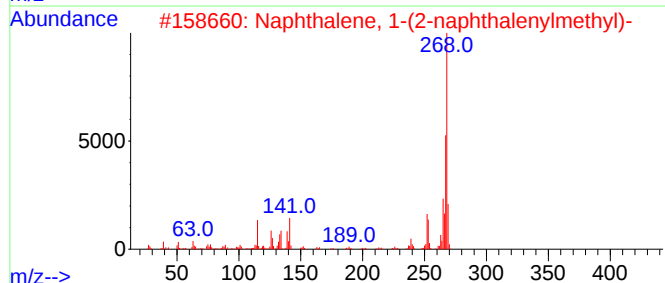
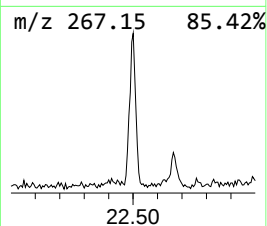
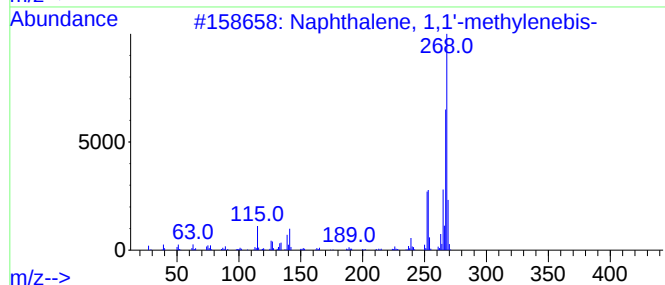
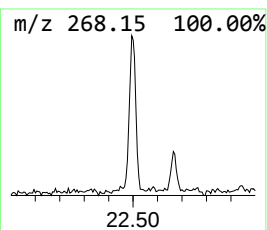
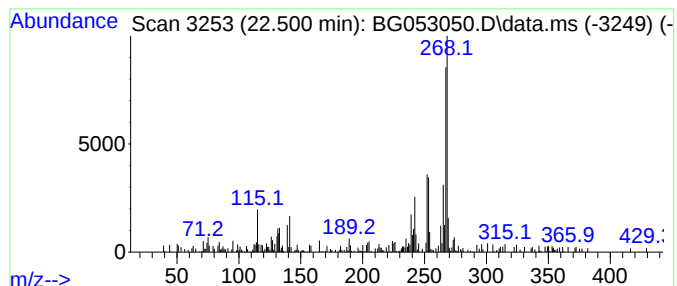
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Naphthalene, 1,1'-methylene... Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 22.500 | 3.33 ng | 109874 | Chrysene-d12     | 21.778 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | Naphthalene, 1,1'-methylenebis-     | 268 | C21H16   | 000607-50-1 | 90   |
| 2    |      | Naphthalene, 1-(2-naphthalenylme... | 268 | C21H16   | 000611-48-3 | 78   |
| 3    |      | Coumaran-6-ol-3-one, 2-[4-methox... | 268 | C16H12O4 | 020727-61-1 | 58   |
| 4    |      | 3-Hydroxy-6-methoxyflavone          | 268 | C16H12O4 | 093176-00-2 | 55   |
| 5    |      | 3-Methylcholanthrene                | 268 | C21H16   | 000056-49-5 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040522\  
Data File : BG053050.D  
Acq On : 6 Apr 2022 2:59  
Operator : CG/JU  
Sample : N2256-03 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.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 |
| Hexadecanoic ac... | 18.147 | 56.8    | ng    | 1837370  | 4                     | 17.495 | 646541 | 20.0 |
| 9,12-Octadecadi... | 19.287 | 282.0   | ng    | 9115980  | 4                     | 17.495 | 646541 | 20.0 |
| 16-Octadecenoic... | 19.322 | 150.3   | ng    | 4858200  | 4                     | 17.495 | 646541 | 20.0 |
| Methyl stearate    | 19.445 | 24.7    | ng    | 798890   | 4                     | 17.495 | 646541 | 20.0 |
| Heptadecanoic a... | 20.532 | 3.0     | ng    | 99375    | 5                     | 21.778 | 660379 | 20.0 |
| Naphthalene, 1,... | 22.500 | 3.3     | ng    | 109874   | 5                     | 21.778 | 660379 | 20.0 |