

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
 Data File : BG064550.D  
 Acq On : 20 Oct 2025 15:21  
 Operator : RC/JU  
 Sample : Q3374-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-5-WC

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-BG100225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064550.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         | 5.414       | 389           | 396         | 407          | rVB      | 199283         | 310423        | 24.00%          | 4.622%        |
| 2         | 7.000       | 658           | 666         | 679          | rBV      | 233621         | 385571        | 29.81%          | 5.741%        |
| 3         | 7.817       | 798           | 805         | 811          | rBV3     | 53746          | 84300         | 6.52%           | 1.255%        |
| 4         | 8.968       | 993           | 1001        | 1011         | rBV      | 144286         | 253549        | 19.60%          | 3.775%        |
| 5         | 10.602      | 1272          | 1279        | 1286         | rBV      | 60140          | 106151        | 8.21%           | 1.580%        |
| 6         | 13.069      | 1692          | 1699        | 1709         | rVB      | 376708         | 589161        | 45.55%          | 8.772%        |
| 7         | 14.444      | 1928          | 1933        | 1940         | rVB      | 97524          | 149553        | 11.56%          | 2.227%        |
| 8         | 15.478      | 2099          | 2109        | 2110         | rBV4     | 52177          | 105968        | 8.19%           | 1.578%        |
| 9         | 15.801      | 2159          | 2164        | 2170         | rBV      | 32122          | 49801         | 3.85%           | 0.741%        |
| 10        | 15.937      | 2181          | 2187        | 2195         | rBV      | 409110         | 626883        | 48.46%          | 9.333%        |
| 11        | 17.188      | 2393          | 2400        | 2406         | rBV      | 137419         | 205795        | 15.91%          | 3.064%        |
| 12        | 18.087      | 2545          | 2553        | 2560         | rVB      | 126551         | 231183        | 17.87%          | 3.442%        |
| 13        | 18.216      | 2569          | 2575        | 2580         | rVB9     | 9500           | 21868         | 1.69%           | 0.326%        |
| 14        | 19.356      | 2760          | 2769        | 2778         | rVB3     | 84156          | 176270        | 13.63%          | 2.624%        |
| 15        | 19.750      | 2830          | 2836        | 2840         | rBV6     | 16521          | 32406         | 2.51%           | 0.482%        |
| 16        | 19.808      | 2840          | 2846        | 2851         | rVB      | 1032455        | 1293529       | 100.00%         | 19.259%       |
| 17        | 20.002      | 2873          | 2879        | 2882         | rBV2     | 30584          | 51705         | 4.00%           | 0.770%        |
| 18        | 20.049      | 2882          | 2887        | 2894         | rVB      | 201462         | 336237        | 25.99%          | 5.006%        |
| 19        | 20.496      | 2956          | 2963        | 2970         | rBV2     | 133736         | 200099        | 15.47%          | 2.979%        |
| 20        | 21.089      | 3060          | 3064        | 3067         | rBV6     | 16736          | 23943         | 1.85%           | 0.356%        |
| 21        | 21.148      | 3071          | 3074        | 3080         | rVB4     | 22249          | 33486         | 2.59%           | 0.499%        |
| 22        | 21.412      | 3114          | 3119        | 3128         | rBV      | 184330         | 292630        | 22.62%          | 4.357%        |
| 23        | 21.512      | 3130          | 3136        | 3143         | rVB2     | 381662         | 602295        | 46.56%          | 8.967%        |
| 24        | 21.865      | 3194          | 3196        | 3203         | rVB6     | 23571          | 37935         | 2.93%           | 0.565%        |
| 25        | 22.047      | 3221          | 3227        | 3234         | rVB6     | 25774          | 61211         | 4.73%           | 0.911%        |
| 26        | 22.676      | 3331          | 3334        | 3342         | rVB4     | 20721          | 36942         | 2.86%           | 0.550%        |
| 27        | 23.381      | 3448          | 3454        | 3463         | rBV3     | 28481          | 73175         | 5.66%           | 1.089%        |
| 28        | 23.598      | 3486          | 3491        | 3496         | rBV5     | 14443          | 28102         | 2.17%           | 0.418%        |
| 29        | 24.409      | 3619          | 3629        | 3641         | rVB      | 116558         | 316450        | 24.46%          | 4.711%        |

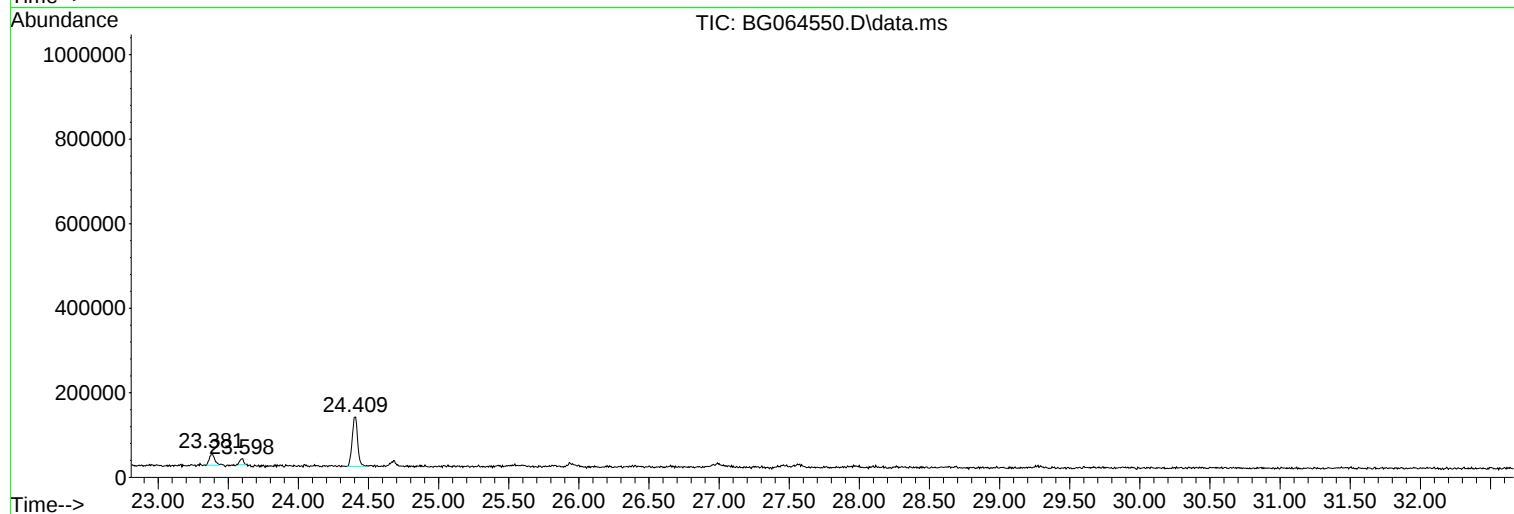
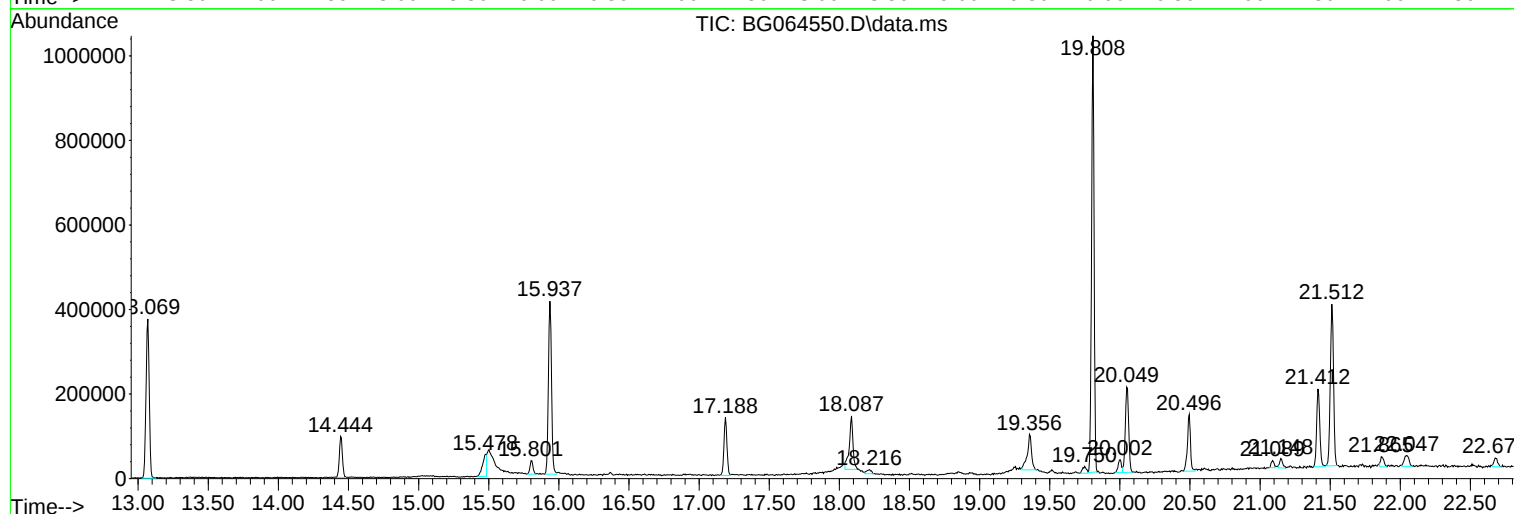
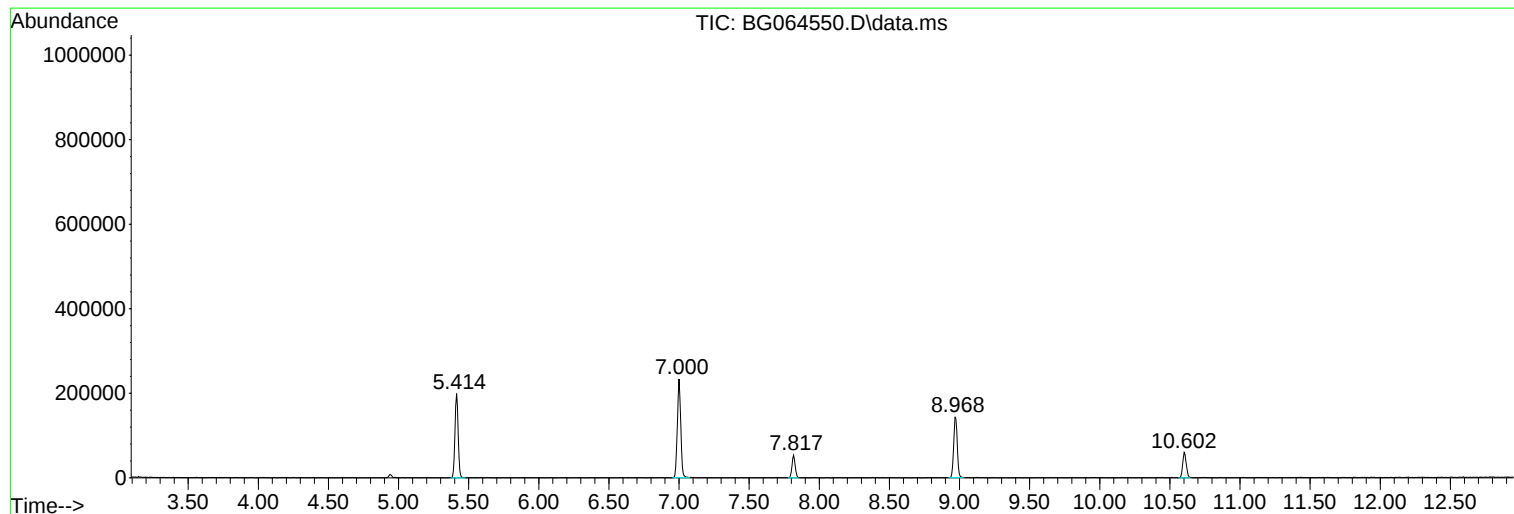
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-5-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.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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Sample : Q3374-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-5-WC

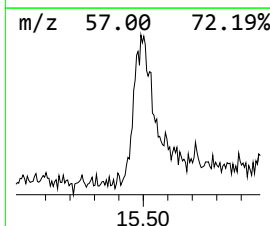
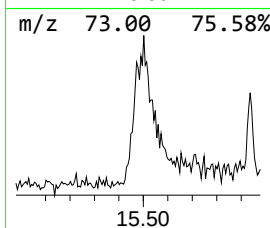
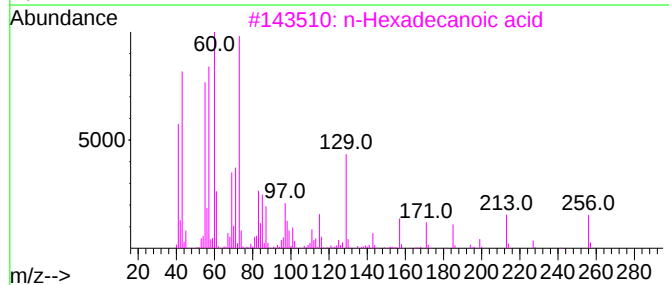
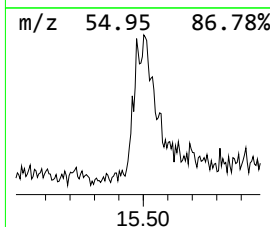
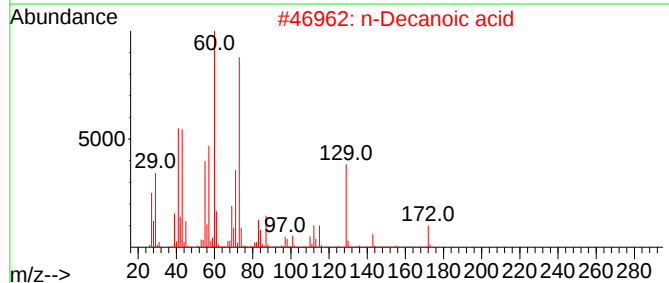
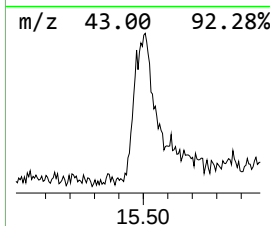
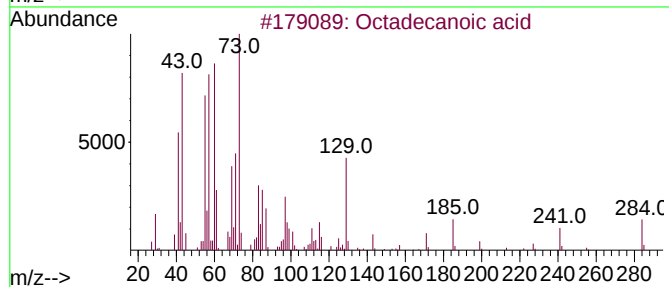
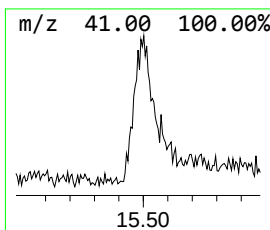
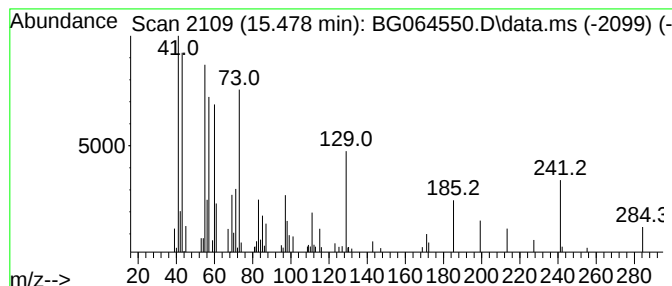
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.478 | 14.17 ng | 105968 | Acenaphthene-d10 | 14.450 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 95   |
| 2    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 50   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 49   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 46   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 38   |



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Sample : Q3374-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-5-WC

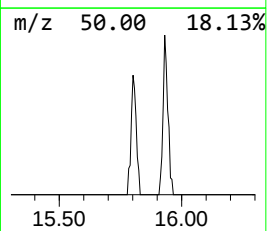
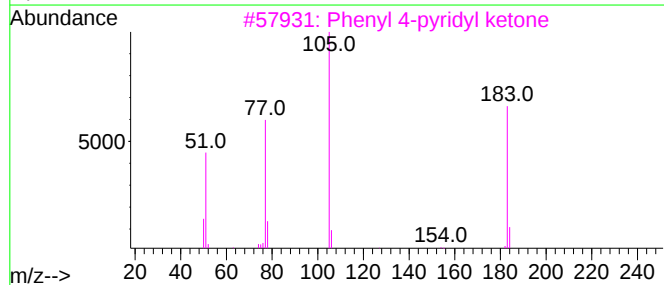
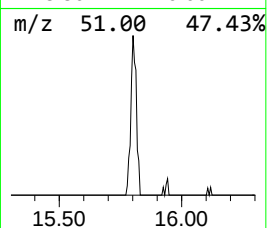
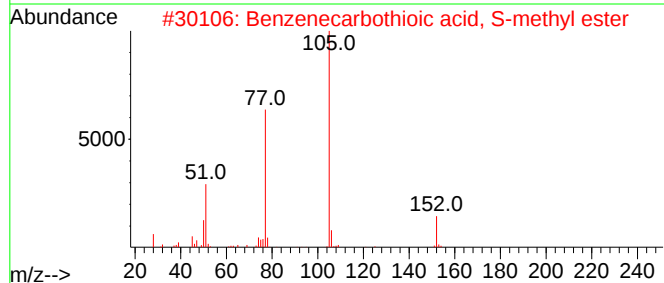
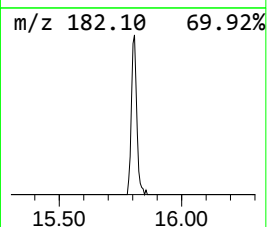
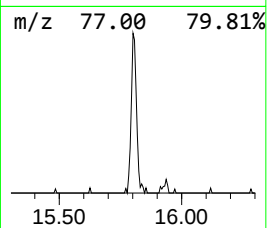
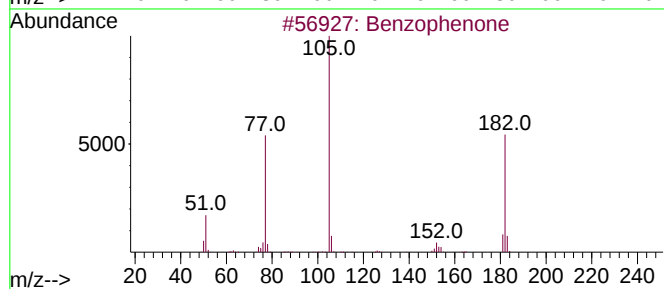
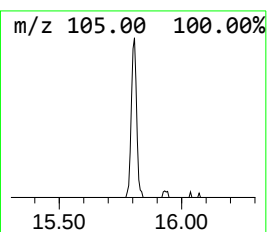
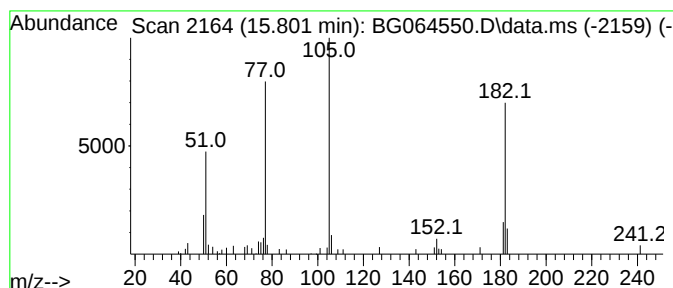
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 7

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.801 | 6.66 ng | 49801 | Acenaphthene-d10 | 14.450 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 95   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS   | 005925-68-8 | 58   |
| 3    |    |   | Phenyl 4-pyridyl ketone             | 183 | C12H9NO  | 014548-46-0 | 58   |
| 4    |    |   | Azobenzene, (E)-                    | 182 | C12H10N2 | 017082-12-1 | 58   |
| 5    |    |   | Benzenepropanenitrile, .beta.-oxo-  | 145 | C9H7NO   | 000614-16-4 | 50   |



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Sample : Q3374-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-5-WC

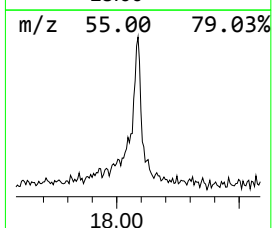
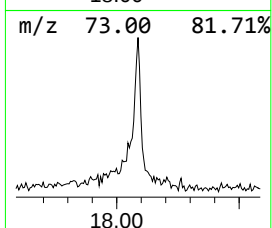
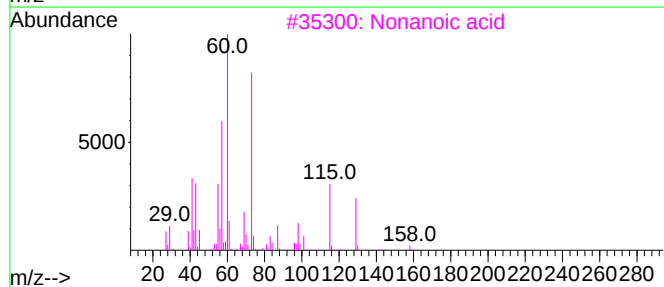
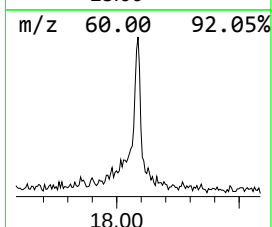
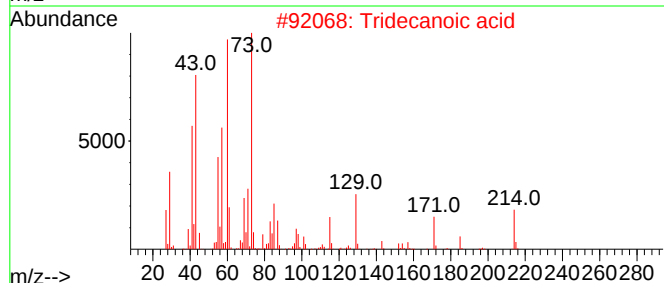
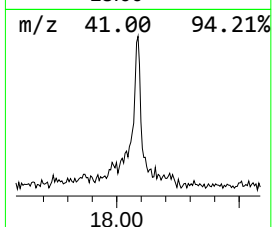
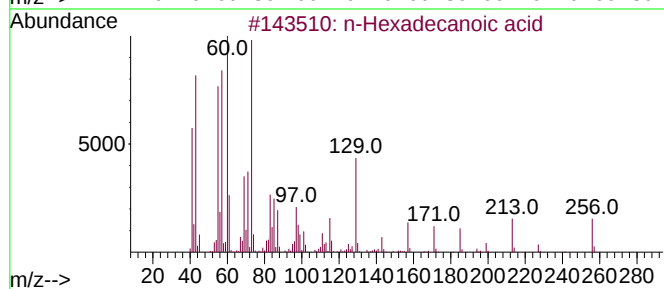
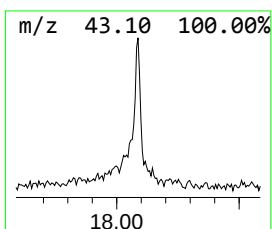
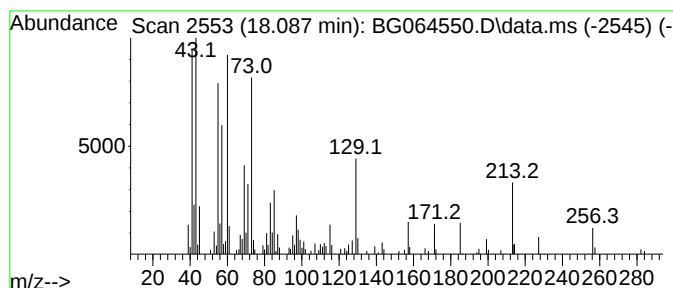
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.        |      |
|-----------|------------------------|--------|------------------|-------------|------|
| 18.087    | 22.47 ng               | 231183 | Phenanthrene-d10 | 17.188      |      |
| Hit# of 5 | Tentative ID           | MW     | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid    | 256    | C16H32O2         | 000057-10-3 | 90   |
| 2         | Tridecanoic acid       | 214    | C13H26O2         | 000638-53-9 | 50   |
| 3         | Nonanoic acid          | 158    | C9H18O2          | 000112-05-0 | 50   |
| 4         | n-Decanoic acid        | 172    | C10H20O2         | 000334-48-5 | 47   |
| 5         | 6-Methylheptanoic acid | 144    | C8H16O2          | 000929-10-2 | 38   |



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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-5-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

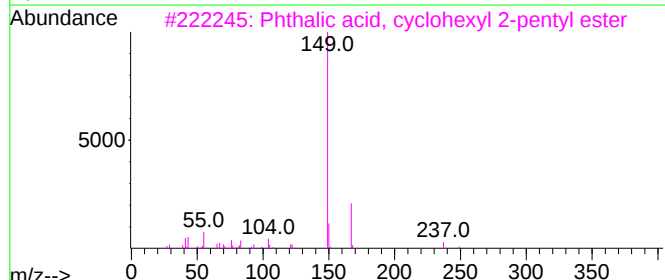
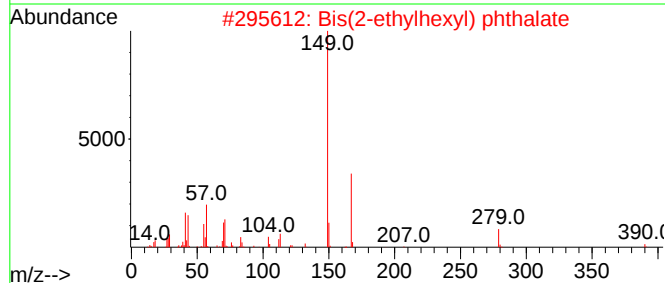
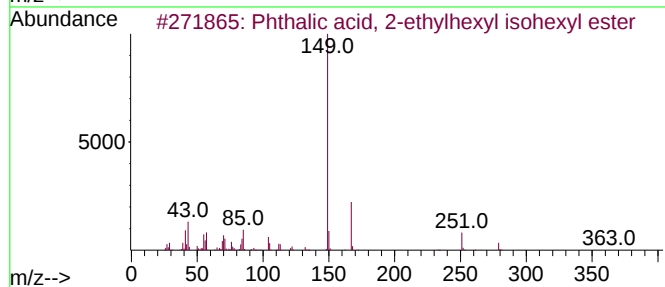
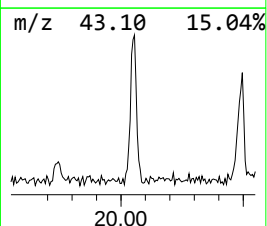
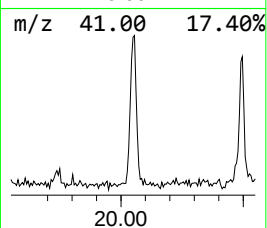
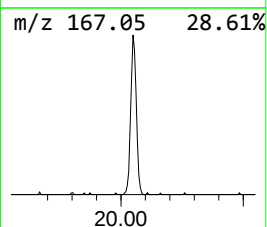
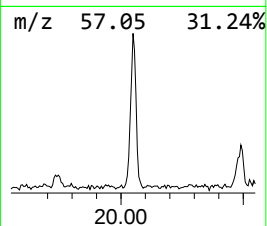
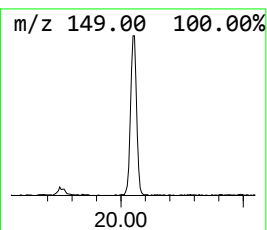
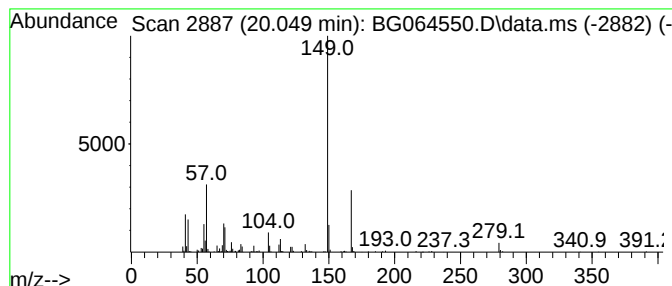
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Phthalic acid, 2-ethylhexyl... Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 20.049 | 22.98 ng | 336237 | Chrysene-d12     | 21.412 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Phthalic acid, 2-ethylhexyl isoh... | 362 | C22H34O4 | 1000308-98-5 | 90   |
| 2    |    |   | Bis(2-ethylhexyl) phthalate         | 390 | C24H38O4 | 000117-81-7  | 86   |
| 3    |    |   | Phthalic acid, cyclohexyl 2-pent... | 318 | C19H26O4 | 1000315-55-3 | 80   |
| 4    |    |   | Di-5-nonyl phthalate                | 418 | C26H42O4 | 094054-23-6  | 72   |
| 5    |    |   | Phthalic acid, cyclohexylmethyl ... | 332 | C20H28O4 | 1000315-55-5 | 72   |



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TP-5-WC

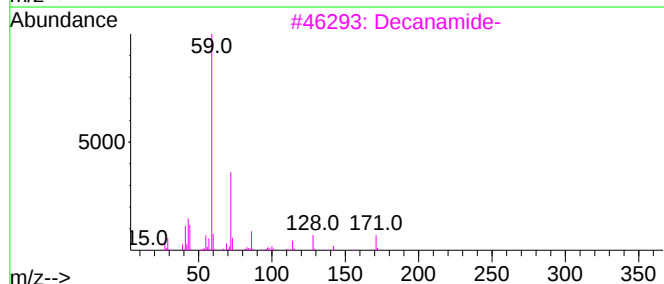
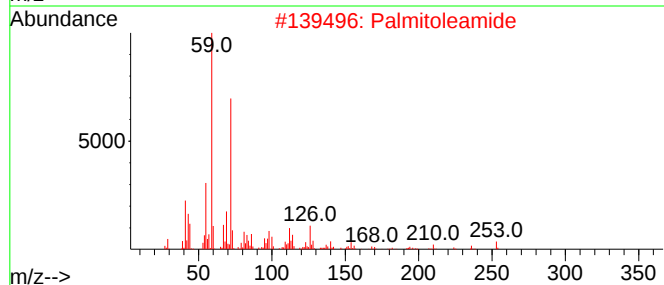
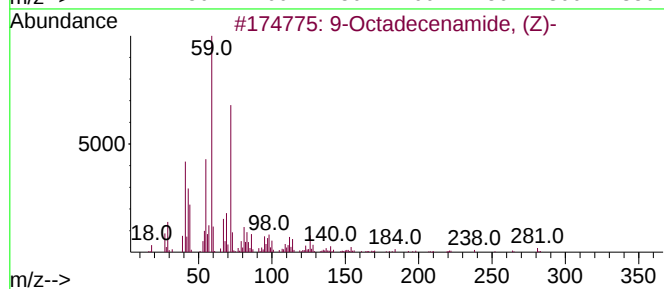
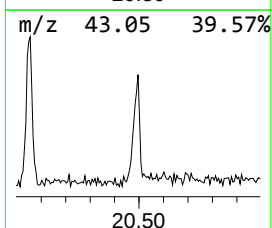
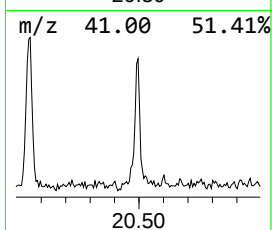
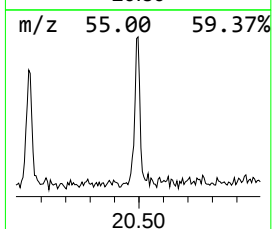
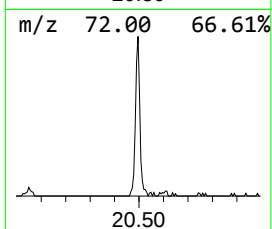
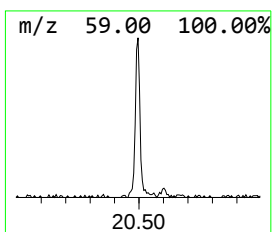
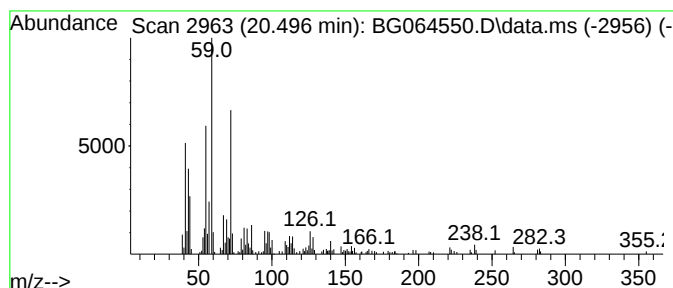
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 5

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 20.496 | 13.68 ng | 200099 | Chrysene-d12     | 21.412 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------|-----|----------|-------------|------|
| 1    |    |   | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 98   |
| 2    |    |   | Palmitoleamide         | 253 | C16H31NO | 106010-22-4 | 72   |
| 3    |    |   | Decanamide-            | 171 | C10H21NO | 002319-29-1 | 64   |
| 4    |    |   | 7-Nonenamide           | 155 | C9H17NO  | 090949-53-4 | 59   |
| 5    |    |   | Hexadecanamide         | 255 | C16H33NO | 000629-54-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064550.D  
Acq On : 20 Oct 2025 15:21  
Operator : RC/JU  
Sample : Q3374-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-5-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.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 |
| Octadecanoic acid  | 15.478 | 14.2    | ng    | 105968   | 3                     | 14.450 | 149553 | 20.0 |
| Benzophenone       | 15.801 | 6.7     | ng    | 49801    | 3                     | 14.450 | 149553 | 20.0 |
| n-Hexadecanoic ... | 18.087 | 22.5    | ng    | 231183   | 4                     | 17.188 | 205795 | 20.0 |
| Phthalic acid, ... | 20.049 | 23.0    | ng    | 336237   | 5                     | 21.412 | 292630 | 20.0 |
| 9-Octadecenamid... | 20.496 | 13.7    | ng    | 200099   | 5                     | 21.412 | 292630 | 20.0 |