

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
 Data File : BM047252.D  
 Acq On : 19 Aug 2024 14:48  
 Operator : RC/JU  
 Sample : P3596-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 918-J-WS-081324

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\_M\Methods\8270-BM081024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047252.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         | 8.510       | 950           | 956         | 964          | rBV      | 435495         | 697563        | 1.00%           | 0.248%        |
| 2         | 12.633      | 1651          | 1657        | 1663         | rBV      | 1128062        | 1669418       | 2.40%           | 0.593%        |
| 3         | 14.269      | 1930          | 1935        | 1936         | rBV      | 841297         | 1082763       | 1.56%           | 0.385%        |
| 4         | 14.286      | 1936          | 1938        | 1945         | rVB      | 987836         | 1205319       | 1.73%           | 0.428%        |
| 5         | 15.539      | 2146          | 2151        | 2155         | rBV      | 1802191        | 2509449       | 3.61%           | 0.891%        |
| 6         | 16.792      | 2355          | 2364        | 2366         | rBV      | 1574367        | 3437770       | 4.94%           | 1.221%        |
| 7         | 17.763      | 2516          | 2529        | 2548         | rVB      | 12887408       | 36257153      | 52.13%          | 12.880%       |
| 8         | 18.415      | 2632          | 2640        | 2650         | rBV2     | 2688479        | 8756585       | 12.59%          | 3.111%        |
| 9         | 18.827      | 2706          | 2710        | 2713         | rBV      | 1099442        | 1414603       | 2.03%           | 0.503%        |
| 10        | 18.886      | 2713          | 2720        | 2732         | rVV      | 4675081        | 13923805      | 20.02%          | 4.946%        |
| 11        | 19.080      | 2739          | 2753        | 2773         | rVB      | 22456563       | 69555877      | 100.00%         | 24.710%       |
| 12        | 19.462      | 2813          | 2818        | 2821         | rBV      | 3504427        | 4801769       | 6.90%           | 1.706%        |
| 13        | 19.509      | 2821          | 2826        | 2838         | rVB2     | 4460990        | 9390327       | 13.50%          | 3.336%        |
| 14        | 20.127      | 2927          | 2931        | 2936         | rBV      | 697525         | 1084759       | 1.56%           | 0.385%        |
| 15        | 20.333      | 2961          | 2966        | 2973         | rVB      | 6785469        | 9976210       | 14.34%          | 3.544%        |
| 16        | 20.698      | 3021          | 3028        | 3033         | rVB      | 15225285       | 25246141      | 36.30%          | 8.969%        |
| 17        | 20.774      | 3037          | 3041        | 3047         | rBV2     | 497943         | 930979        | 1.34%           | 0.331%        |
| 18        | 21.045      | 3080          | 3087        | 3093         | rVB2     | 6346364        | 11726001      | 16.86%          | 4.166%        |
| 19        | 21.203      | 3108          | 3114        | 3119         | rVB2     | 1048655        | 2125594       | 3.06%           | 0.755%        |
| 20        | 21.792      | 3206          | 3214        | 3223         | rVB      | 5722207        | 12739736      | 18.32%          | 4.526%        |
| 21        | 22.645      | 3351          | 3359        | 3370         | rVB      | 5909769        | 13542556      | 19.47%          | 4.811%        |
| 22        | 23.627      | 3516          | 3526        | 3536         | rVB      | 4938856        | 13616182      | 19.58%          | 4.837%        |
| 23        | 23.739      | 3540          | 3545        | 3550         | rBV      | 724582         | 1647096       | 2.37%           | 0.585%        |
| 24        | 24.768      | 3710          | 3720        | 3731         | rVB      | 3494598        | 10994486      | 15.81%          | 3.906%        |
| 25        | 26.138      | 3947          | 3953        | 3965         | rVB2     | 2589079        | 8523133       | 12.25%          | 3.028%        |
| 26        | 26.991      | 4086          | 4098        | 4116         | rVB4     | 3231984        | 14636308      | 21.04%          | 5.200%        |

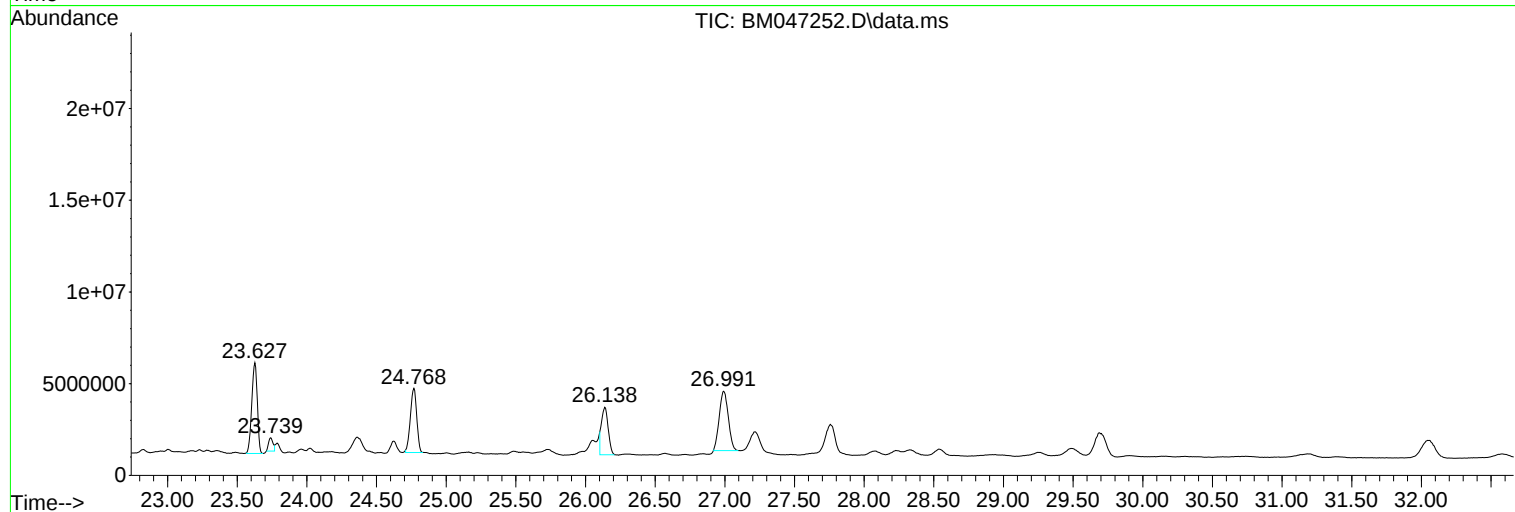
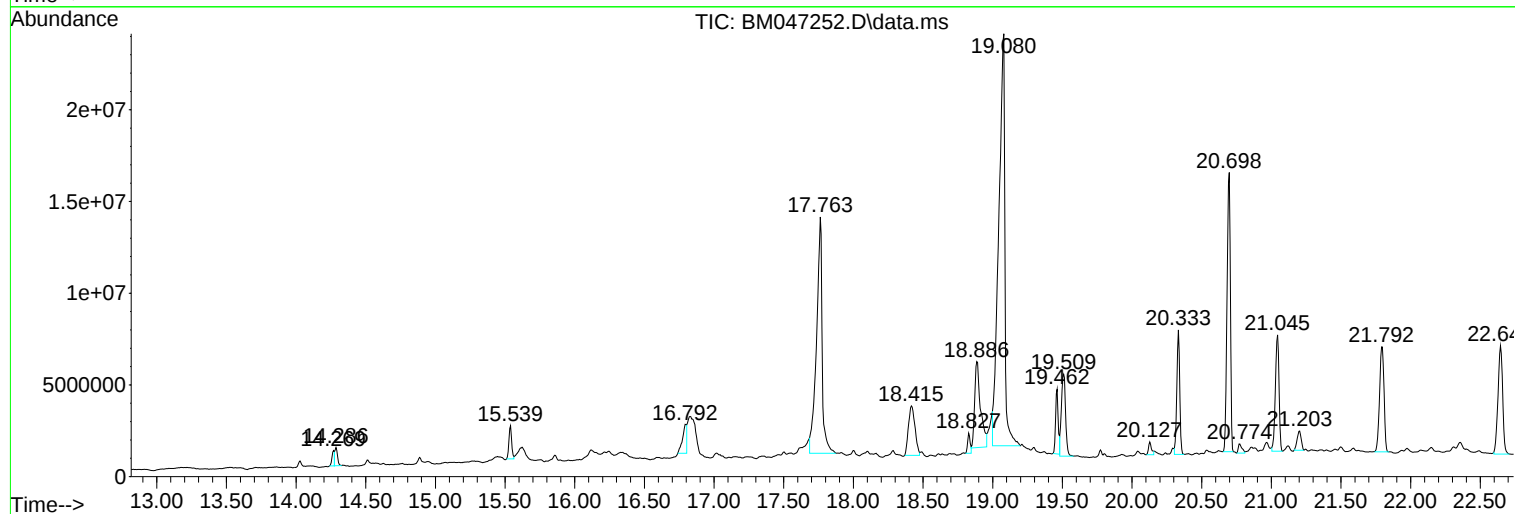
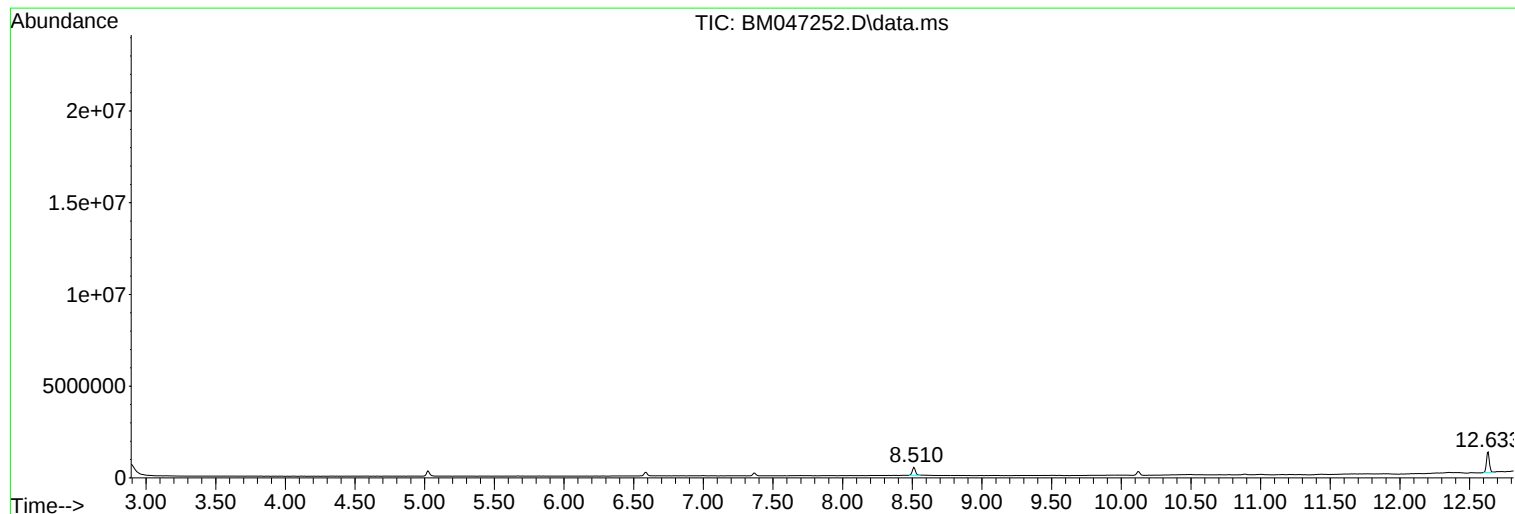
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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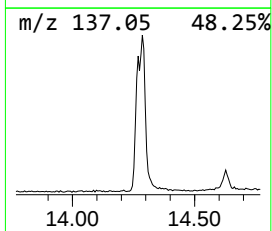
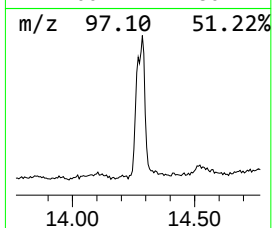
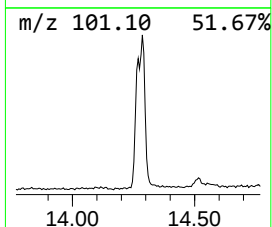
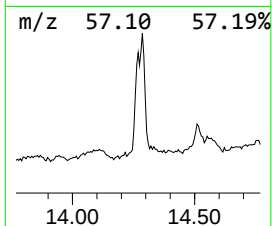
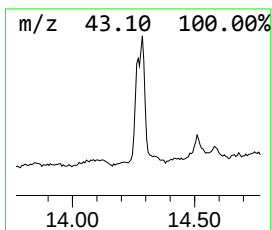
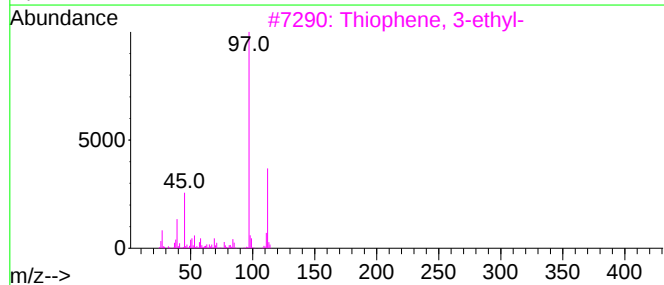
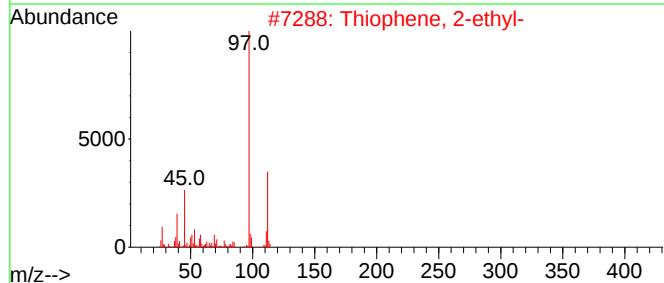
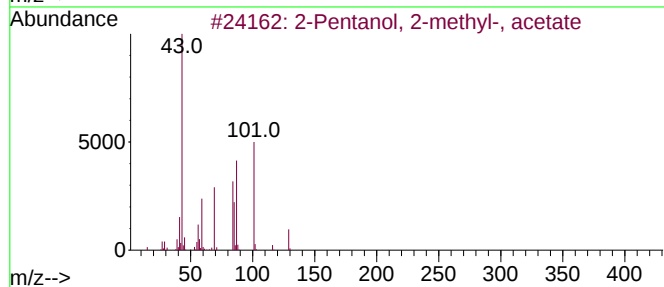
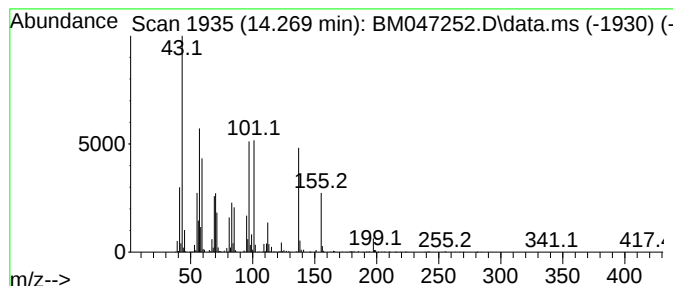
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown14.269 Concentration Rank 12

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 14.269    | 20.00 ng                            | 1082760 | Acenaphthene-d10 | 14.028       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | 2-Pentanol, 2-methyl-, acetate      | 144     | C8H16O2          | 034859-98-8  | 14   |
| 2         | Thiophene, 2-ethyl-                 | 112     | C6H8S            | 000872-55-9  | 11   |
| 3         | Thiophene, 3-ethyl-                 | 112     | C6H8S            | 001795-01-3  | 11   |
| 4         | Succinic acid, pent-4-enyl tetra... | 382     | C23H42O4         | 1000353-38-0 | 10   |
| 5         | 3-Octanol, 2,6-dimethyl-, acetate   | 200     | C12H24O2         | 123232-57-5  | 10   |



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BNA\_M  
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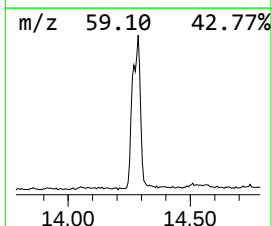
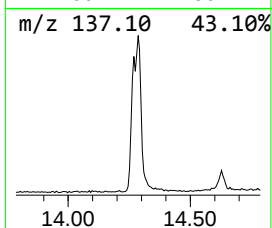
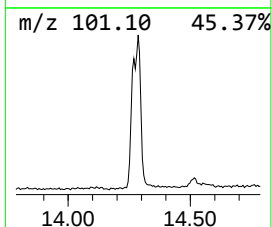
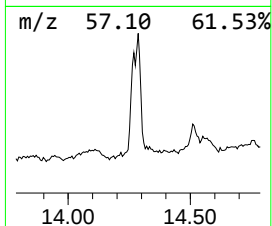
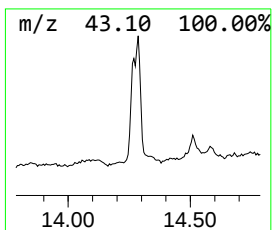
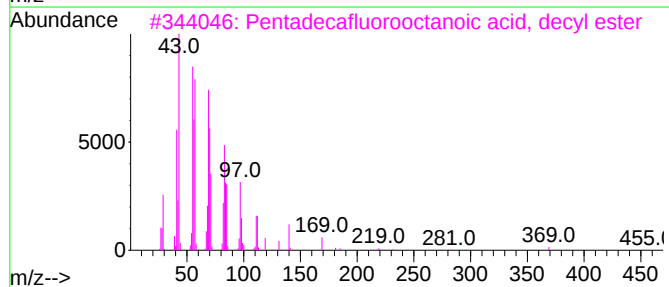
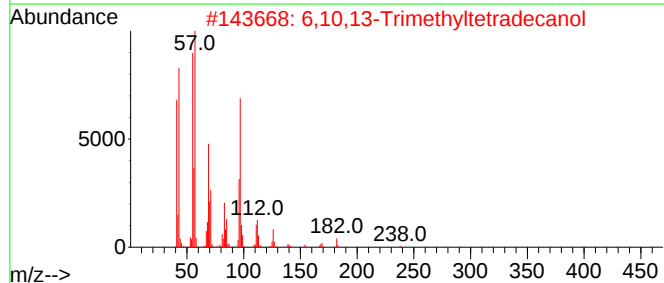
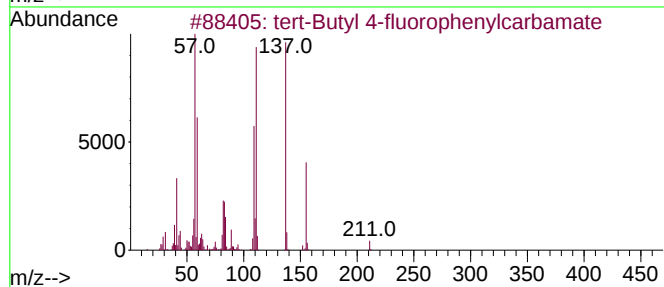
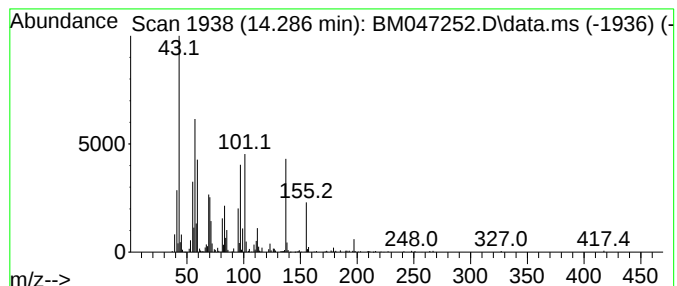
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown14.286 Concentration Rank 10

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.286 | 22.26 ng | 1205320 | Acenaphthene-d10 | 14.028 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | tert-Butyl 4-fluorophenylcarbamate  | 211 | C11H14FN02  | 060144-53-8  | 10   |
| 2    |    |   | 6,10,13-Trimethyltetradecanol       | 256 | C17H36O     | 1000131-71-0 | 10   |
| 3    |    |   | Pentadecafluorooctanoic acid, de... | 554 | C18H21F15O2 | 1000406-04-0 | 10   |
| 4    |    |   | Hexanoic acid, 3-oxo-, methyl ester | 144 | C7H12O3     | 030414-54-1  | 10   |
| 5    |    |   | 4-Dodecanol, acetate                | 228 | C14H28O2    | 060826-25-7  | 10   |



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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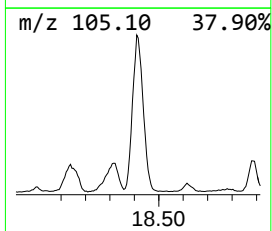
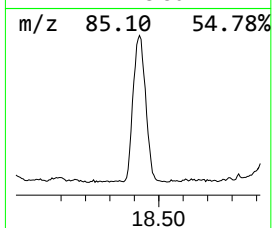
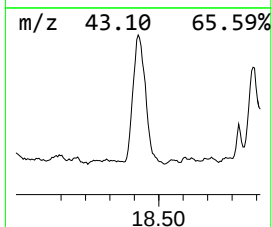
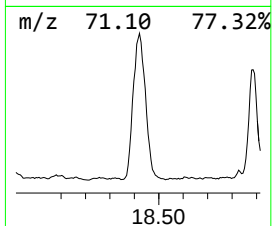
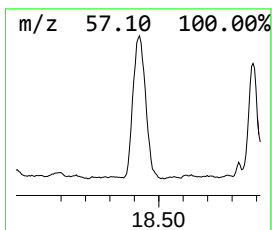
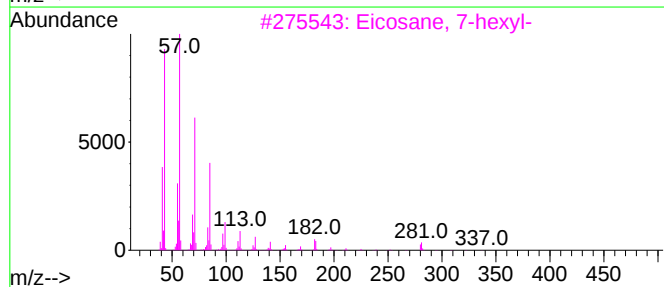
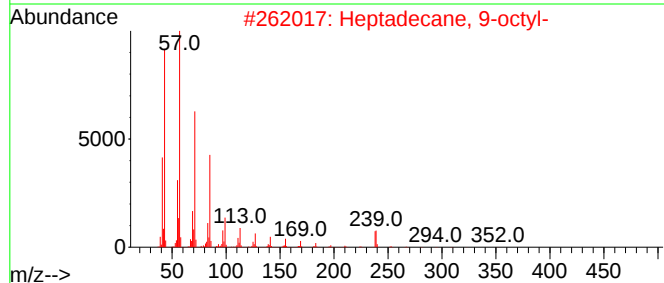
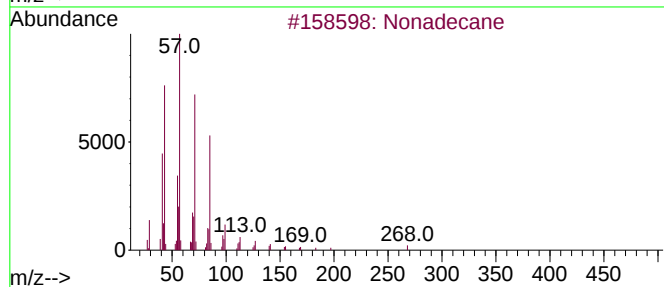
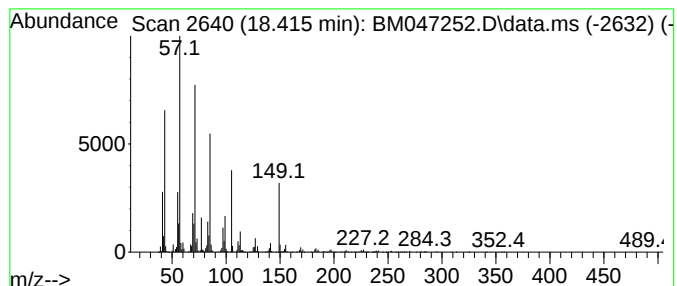
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Nonadecane Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.415 | 50.94 ng | 8756590 | Phenanthrene-d10 | 16.792 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Nonadecane             | 268 | C19H40  | 000629-92-5  | 94   |
| 2    |    |   | Heptadecane, 9-octyl-  | 352 | C25H52  | 007225-64-1  | 89   |
| 3    |    |   | Eicosane, 7-hexyl-     | 366 | C26H54  | 055333-99-8  | 74   |
| 4    |    |   | Eicosane               | 282 | C20H42  | 000112-95-8  | 74   |
| 5    |    |   | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 74   |



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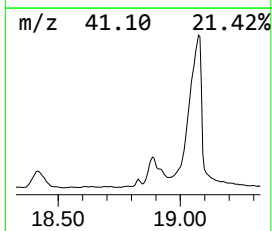
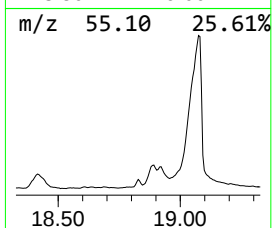
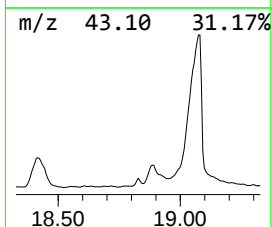
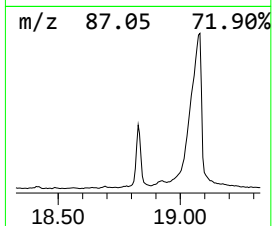
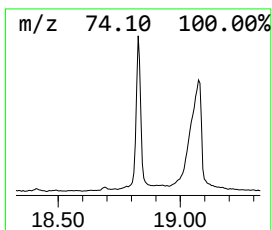
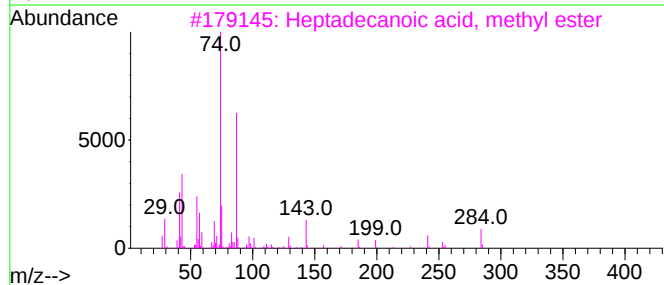
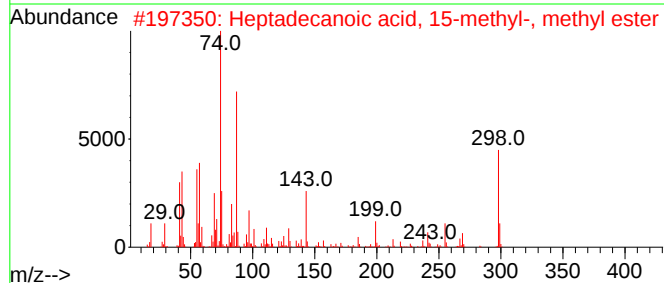
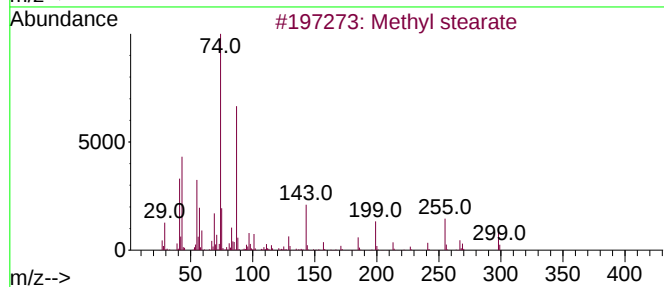
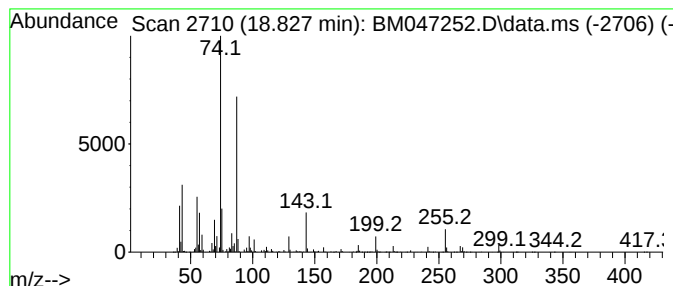
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Peak Number 4 Methyl stearate Concentration Rank 14

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 18.827 | 8.23 ng | 1414600 | Phenanthrene-d10 | 16.792 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 98   |
| 2    |    |   | Heptadecanoic acid, 15-methyl-, ... | 298 | C19H38O2 | 054833-55-5 | 91   |
| 3    |    |   | Heptadecanoic acid, methyl ester    | 284 | C18H36O2 | 001731-92-6 | 91   |
| 4    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 90   |
| 5    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 87   |



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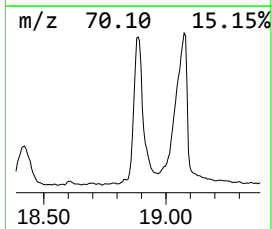
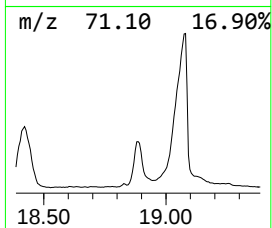
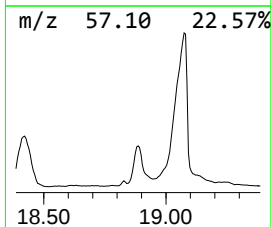
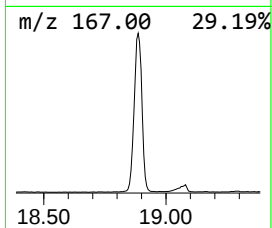
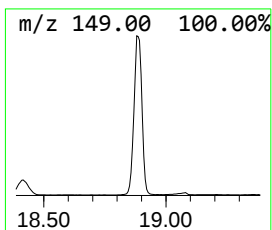
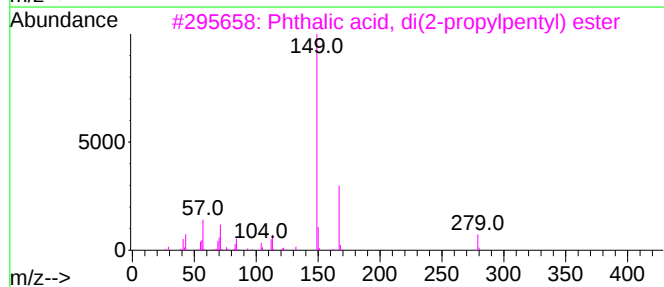
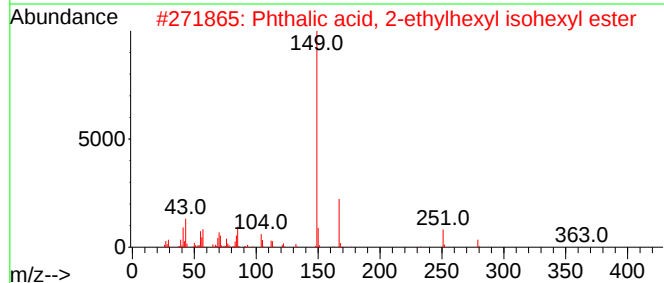
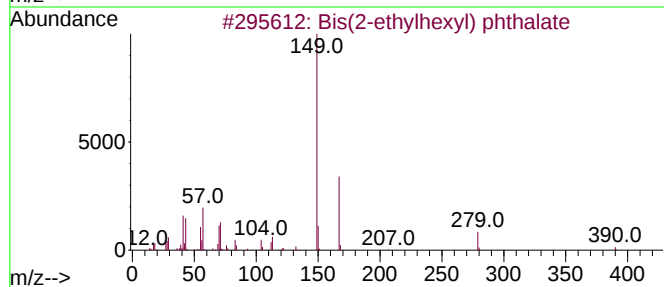
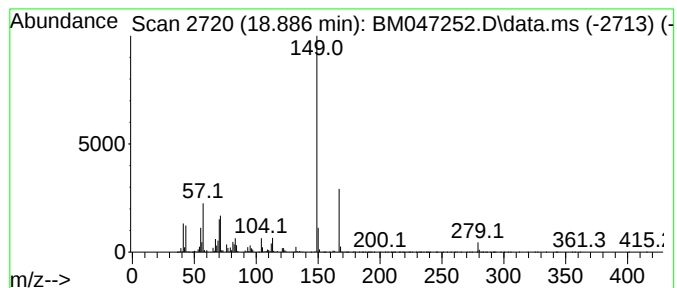
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Phthalic acid, 2-ethylhexyl... Concentration Rank 7

| R.T.   | EstConc  | Area     | Relative to ISTD | R.T.   |
|--------|----------|----------|------------------|--------|
| 18.886 | 81.00 ng | 13923800 | Phenanthrene-d10 | 16.792 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Bis(2-ethylhexyl) phthalate         | 390 | C24H38O4 | 000117-81-7  | 91   |
| 2    |    |   | Phthalic acid, 2-ethylhexyl isoh... | 362 | C22H34O4 | 1000308-98-5 | 90   |
| 3    |    |   | Phthalic acid, di(2-propylpentyl... | 390 | C24H38O4 | 1000377-93-5 | 86   |
| 4    |    |   | Dicyclohexyl phthalate              | 330 | C20H26O4 | 000084-61-7  | 72   |
| 5    |    |   | Phthalic acid, cycloheptyl isoe...  | 346 | C21H30O4 | 1000322-83-1 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

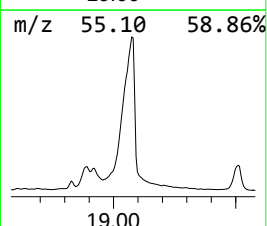
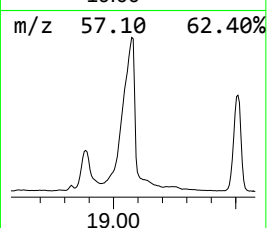
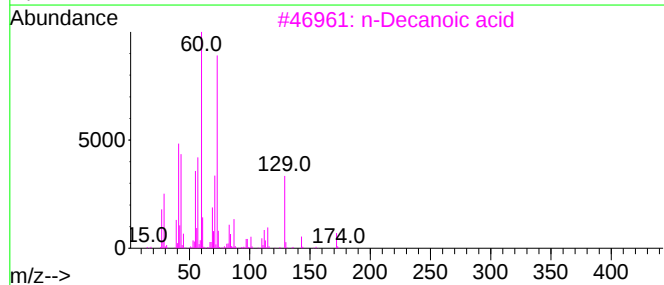
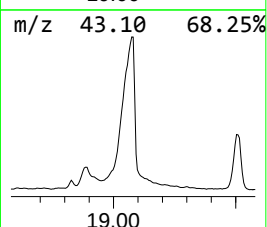
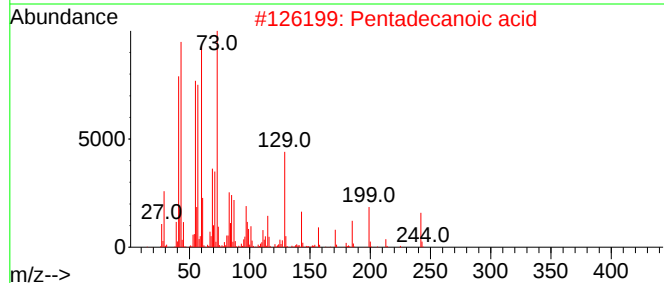
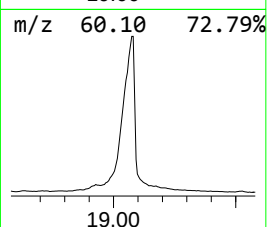
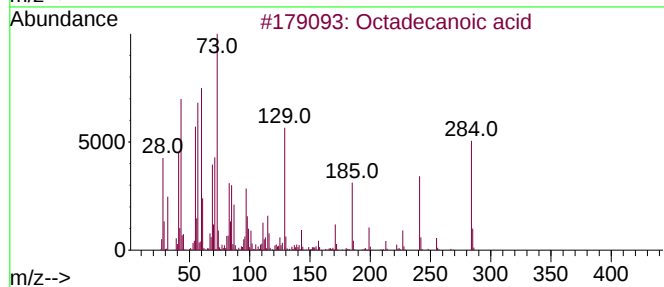
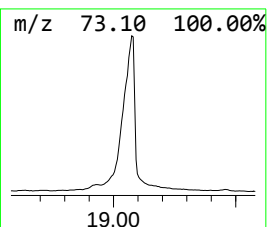
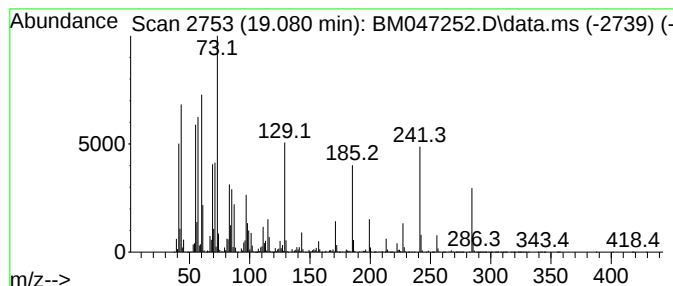
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Octadecanoic acid Concentration Rank 5

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 19.080 | 118.64 ng | 69555900 | Chrysene-d12     | 21.033 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 78   |
| 3    |    |   | n-Decanoic acid    | 172 | C10H20O2 | 000334-48-5 | 55   |
| 4    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 49   |
| 5    |    |   | Undecanoic acid    | 186 | C11H22O2 | 000112-37-8 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

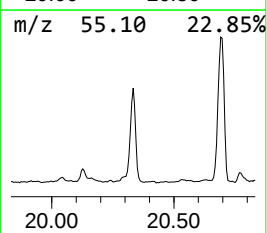
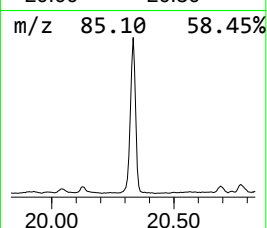
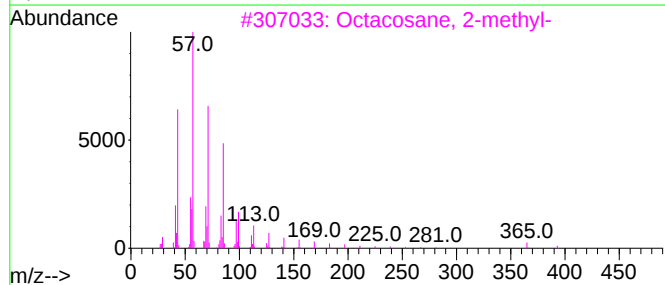
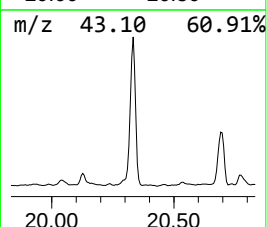
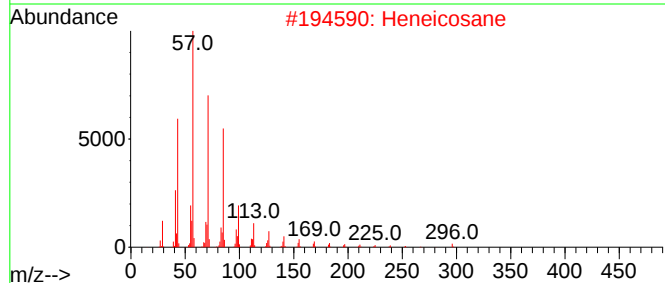
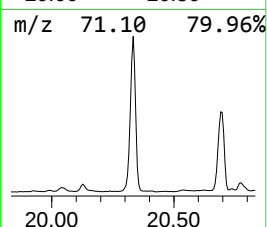
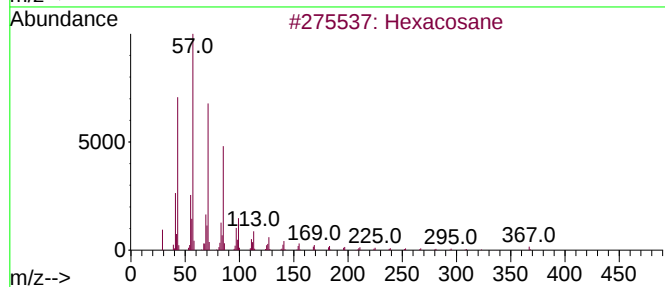
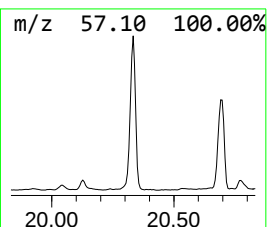
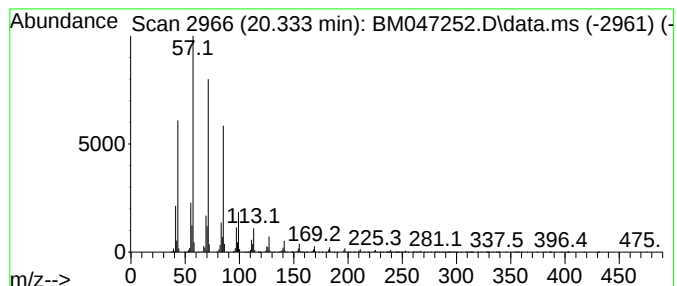
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Hexacosane Concentration Rank 13

| R.T.      | EstConc               | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|---------|------------------|-------------|------|
| 20.333    | 17.02 ng              | 9976210 | Chrysene-d12     | 21.033      |      |
| Hit# of 5 | Tentative ID          | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexacosane            | 366     | C26H54           | 000630-01-3 | 91   |
| 2         | Heneicosane           | 296     | C21H44           | 000629-94-7 | 91   |
| 3         | Octacosane, 2-methyl- | 408     | C29H60           | 001560-98-1 | 91   |
| 4         | Heptacosane           | 380     | C27H56           | 000593-49-7 | 91   |
| 5         | Tetracosane           | 338     | C24H50           | 000646-31-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

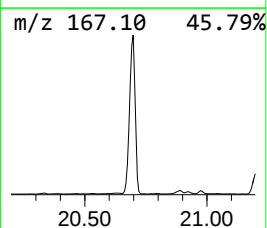
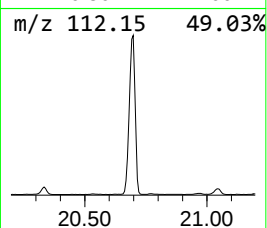
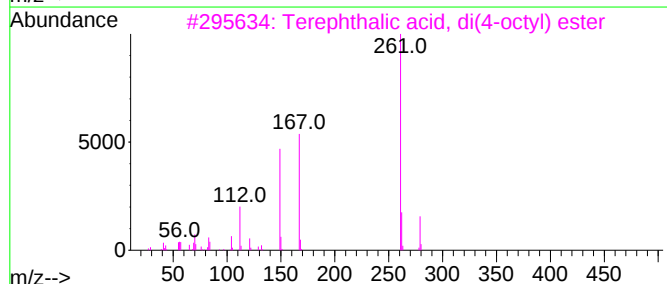
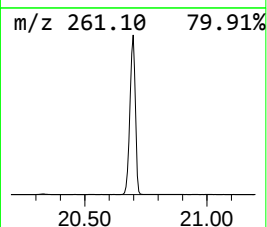
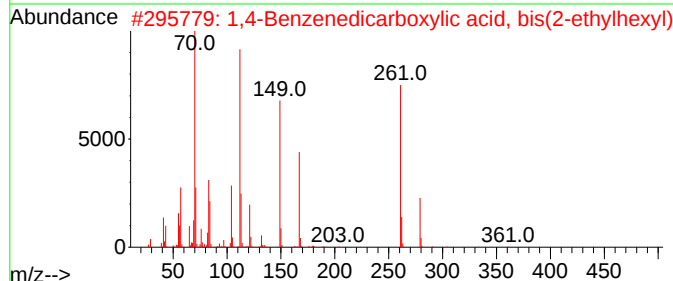
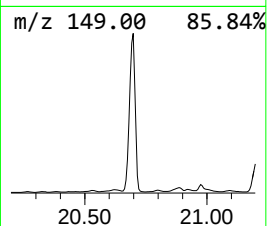
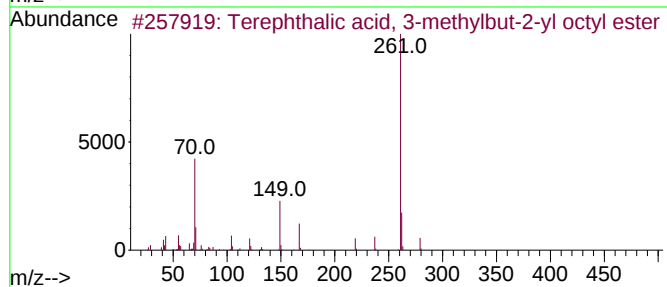
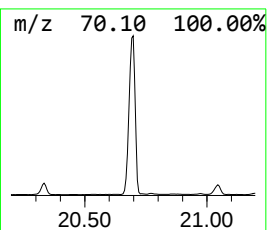
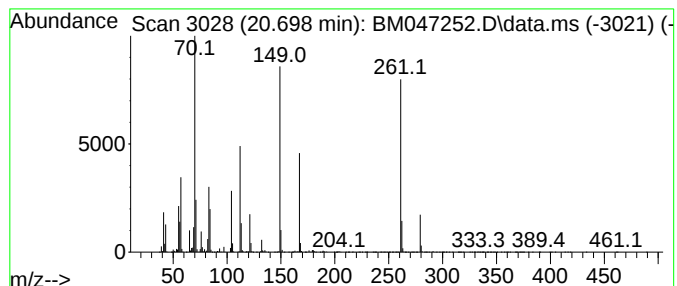
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Terephthalic acid, 3-methyl... Concentration Rank 9

| R.T.   | EstConc  | Area     | Relative to ISTD | R.T.   |
|--------|----------|----------|------------------|--------|
| 20.698 | 43.06 ng | 25246100 | Chrysene-d12     | 21.033 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Terephthalic acid, 3-methylbut-2... | 348 | C21H32O4   | 1000356-27-6 | 72   |
| 2    |    |   | 1,4-Benzenedicarboxylic acid, bi... | 390 | C24H38O4   | 006422-86-2  | 72   |
| 3    |    |   | Terephthalic acid, di(4-octyl) e... | 390 | C24H38O4   | 1000323-74-2 | 58   |
| 4    |    |   | Terephthalic acid, 2-chloropheny... | 388 | C22H25ClO4 | 1000324-04-2 | 43   |
| 5    |    |   | 1,3-Benzenedicarboxylic acid, bi... | 390 | C24H38O4   | 000137-89-3  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

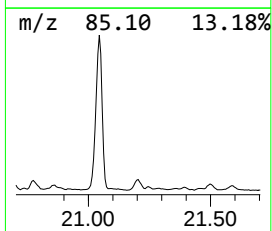
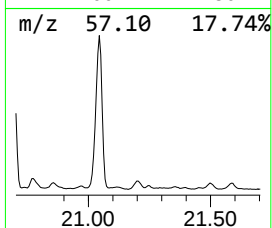
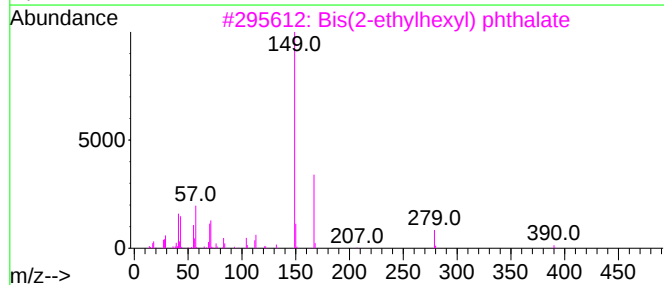
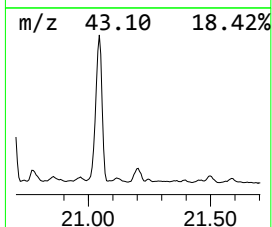
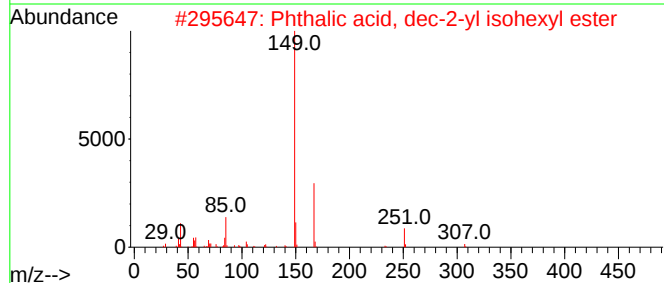
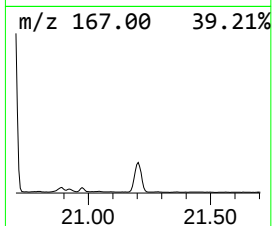
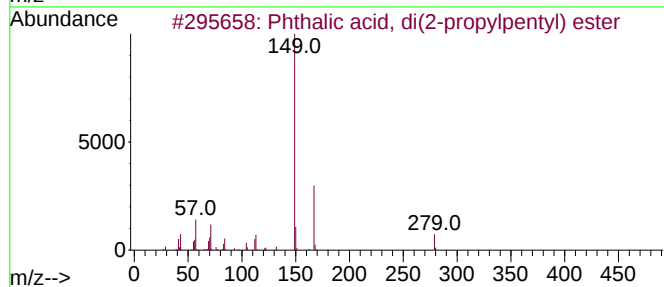
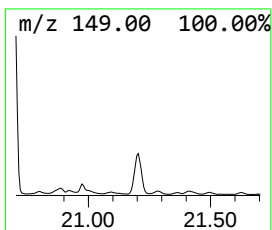
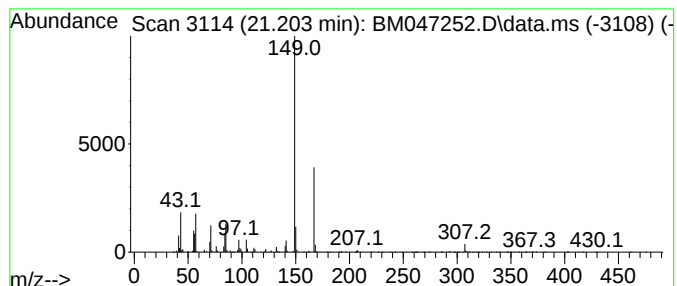
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Phthalic acid, di(2-propylp... Concentration Rank 15

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 21.203    | 3.63 ng                             | 2125590 | Chrysene-d12     | 21.033       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Phthalic acid, di(2-propylpentyl... | 390     | C24H38O4         | 1000377-93-5 | 80   |
| 2         | Phthalic acid, dec-2-yl isohexyl... | 390     | C24H38O4         | 1000356-94-1 | 78   |
| 3         | Bis(2-ethylhexyl) phthalate         | 390     | C24H38O4         | 000117-81-7  | 72   |
| 4         | Phthalic acid, isohexyl 4-methyl... | 334     | C20H30O4         | 1010356-87-5 | 59   |
| 5         | Didecyl phthalate                   | 446     | C28H46O4         | 000084-77-5  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

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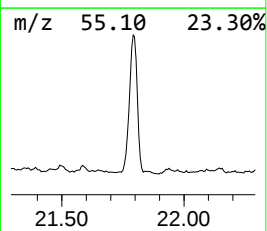
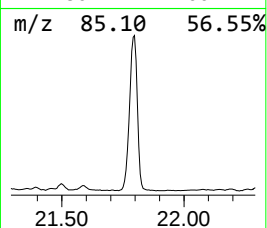
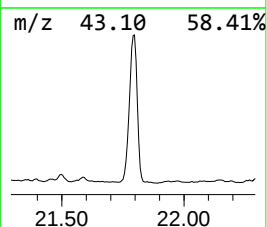
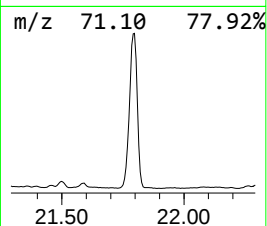
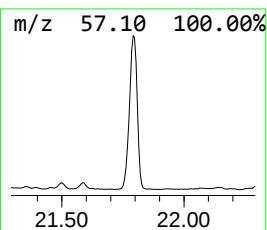
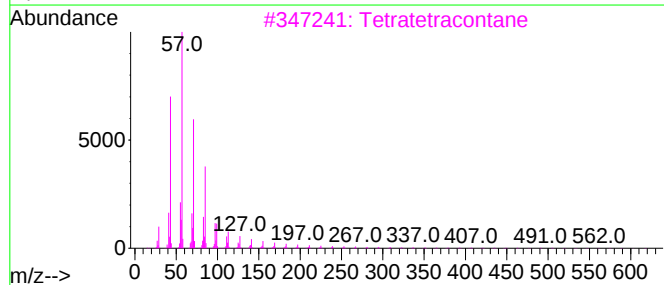
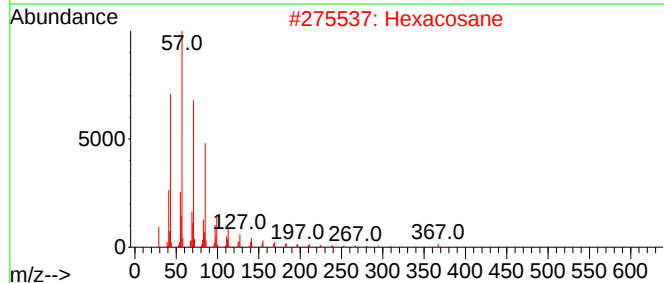
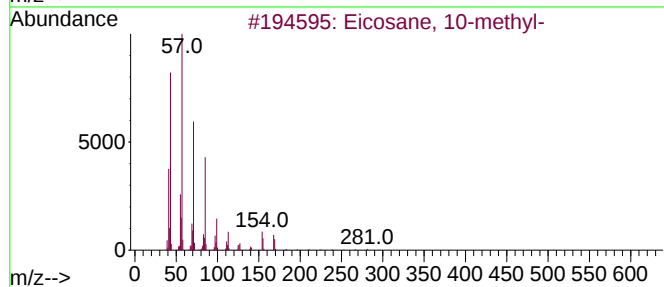
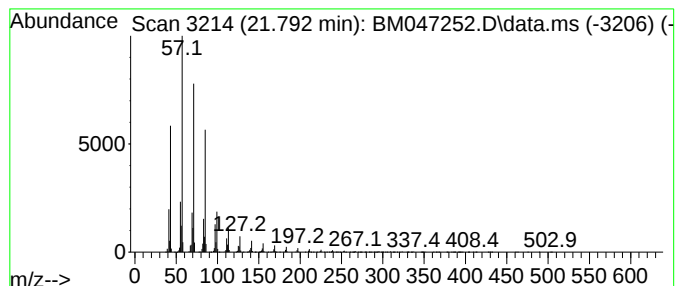
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Eicosane, 10-methyl- Concentration Rank 11

| R.T.   | EstConc  | Area     | Relative to ISTD | R.T.   |
|--------|----------|----------|------------------|--------|
| 21.792 | 21.73 ng | 12739700 | Chrysene-d12     | 21.033 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Eicosane, 10-methyl-   | 296 | C21H44  | 054833-23-7  | 93   |
| 2    |    |   | Hexacosane             | 366 | C26H54  | 000630-01-3  | 91   |
| 3    |    |   | Tetratetracontane      | 619 | C44H90  | 007098-22-8  | 91   |
| 4    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7  | 91   |
| 5    |    |   | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
918-J-WS-081324

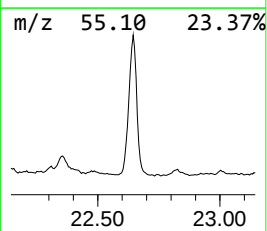
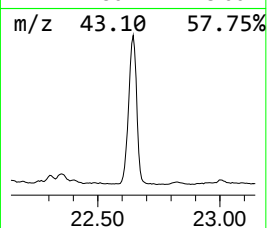
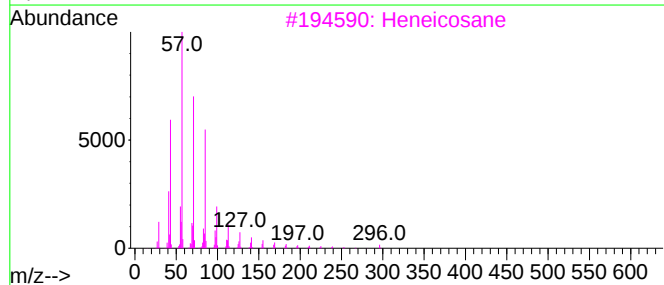
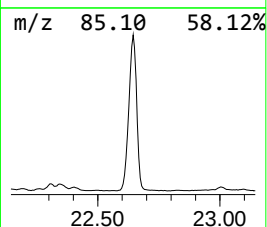
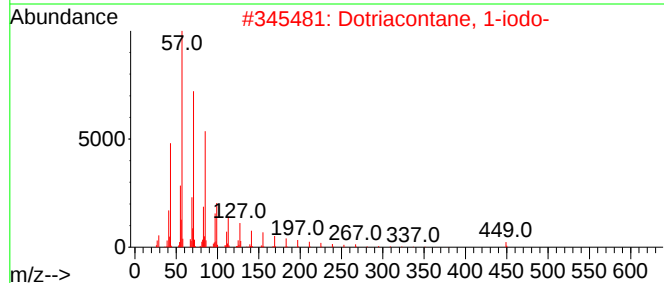
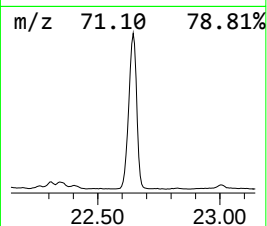
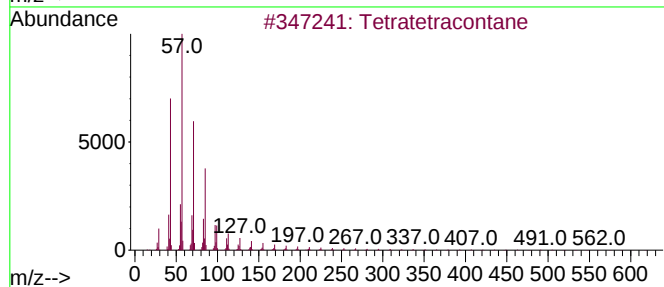
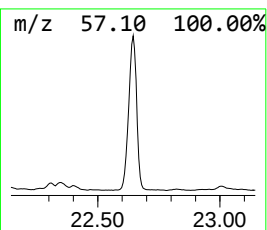
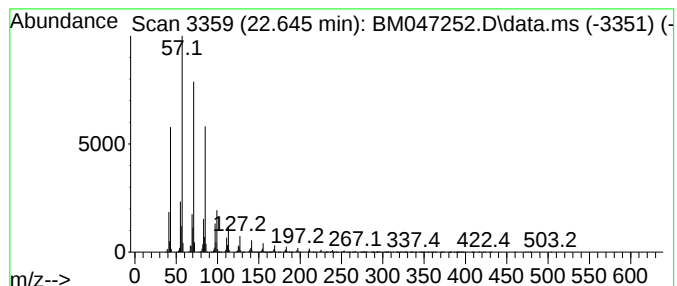
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Tetratetracontane Concentration Rank 3

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 22.645 | 164.44 ng | 13542600 | Perylene-d12     | 23.739 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Tetratetracontane      | 619 | C44H90  | 007098-22-8  | 91   |
| 2    |    |   | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91   |
| 3    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |    |   | Octacosane, 2-methyl-  | 408 | C29H60  | 001560-98-1  | 91   |
| 5    |    |   | 11-Methylpentacosane   | 366 | C26H54  | 015689-71-1  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

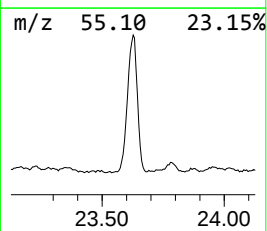
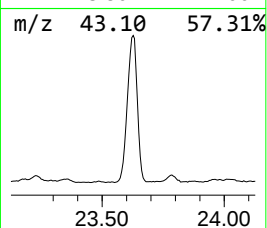
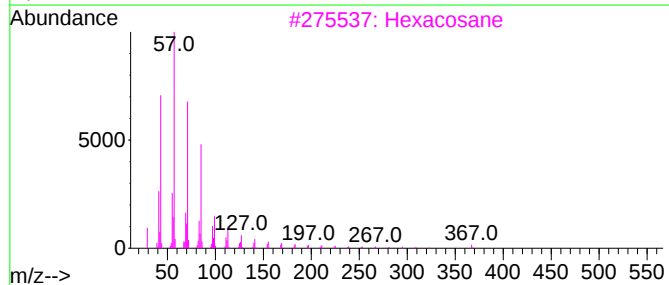
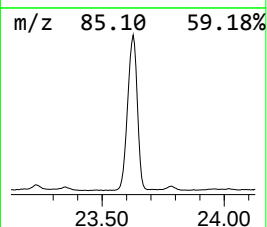
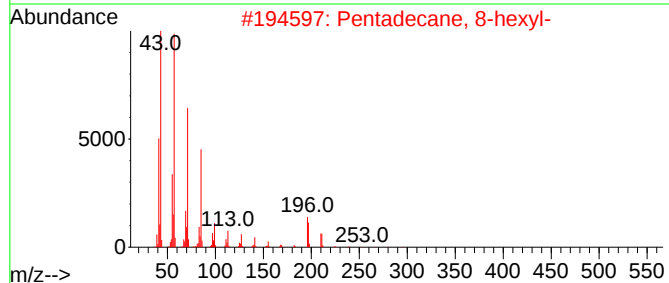
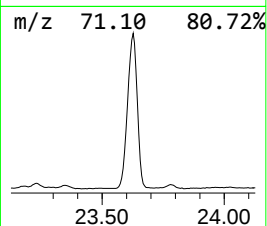
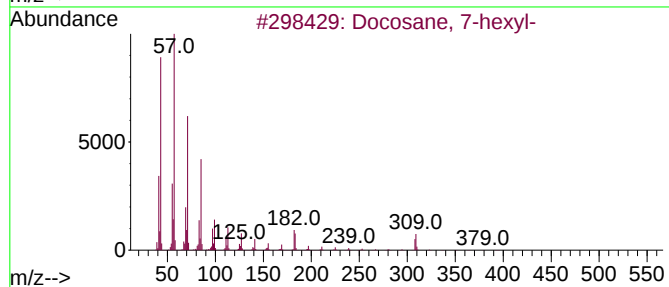
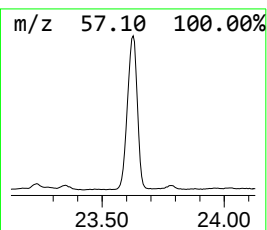
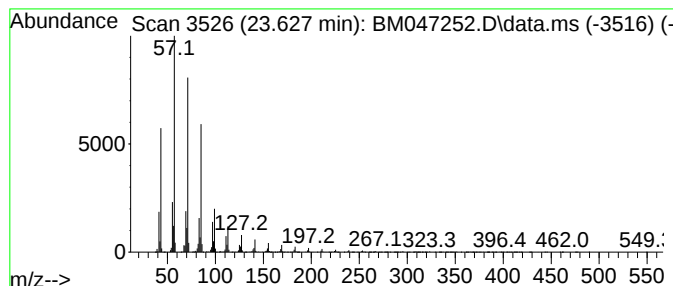
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Docosane, 7-hexyl- Concentration Rank 2

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 23.627 | 165.34 ng | 13616200 | Perylene-d12     | 23.739 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Docosane, 7-hexyl-    | 394 | C28H58  | 055373-86-9 | 94   |
| 2    |      | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 93   |
| 3    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |      | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 91   |
| 5    |      | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

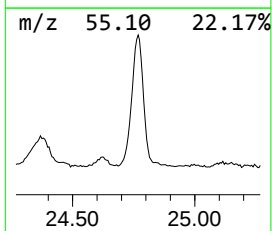
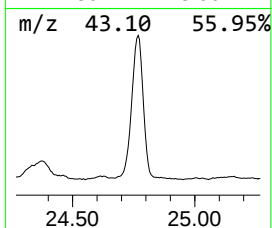
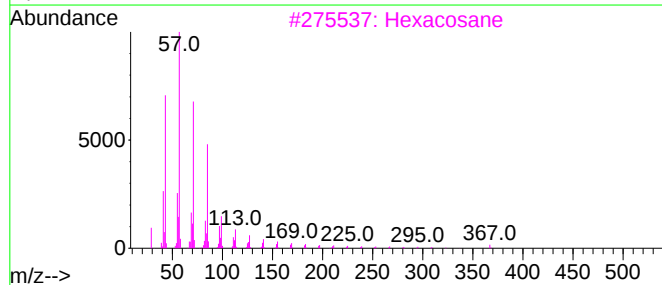
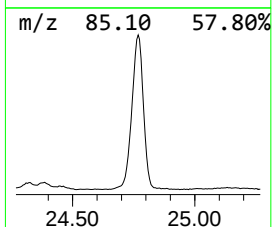
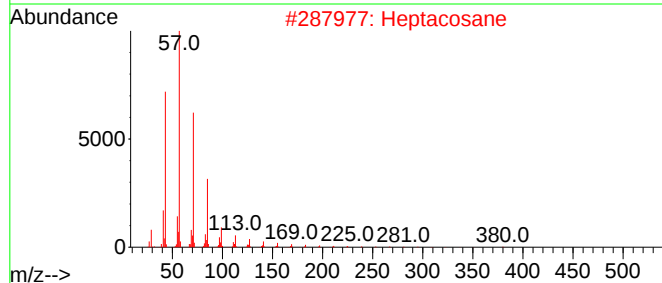
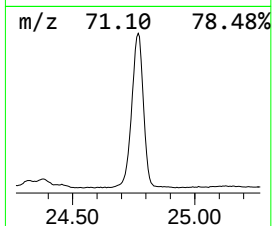
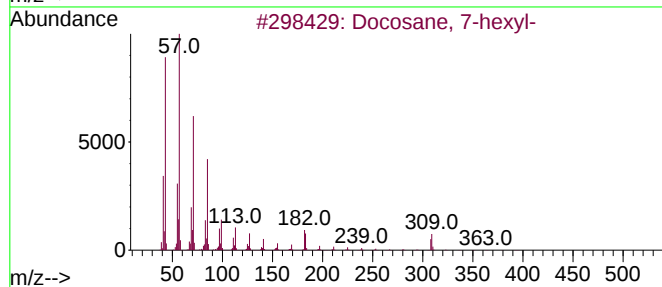
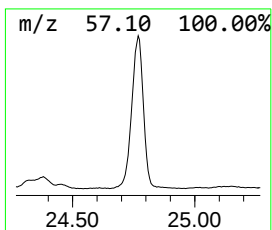
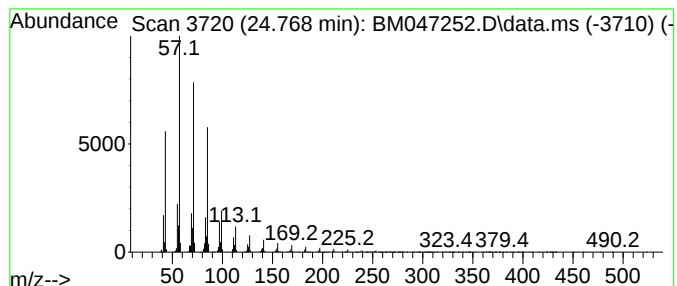
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Heptacosane Concentration Rank 4

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 24.768 | 133.50 ng | 10994500 | Perylene-d12     | 23.739 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Docosane, 7-hexyl-    | 394 | C28H58  | 055373-86-9 | 94   |
| 2    |      | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |      | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 91   |
| 5    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

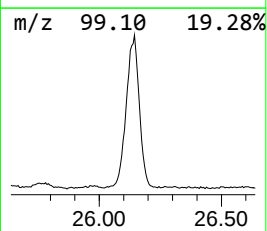
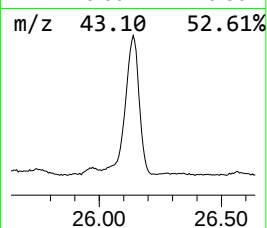
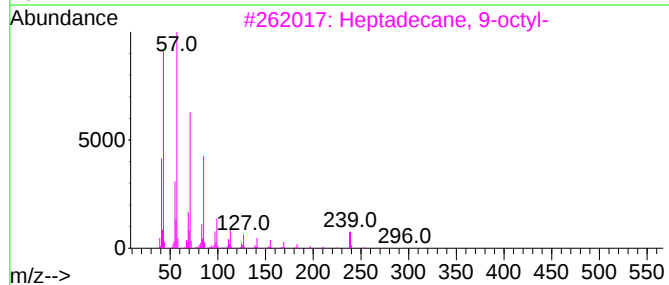
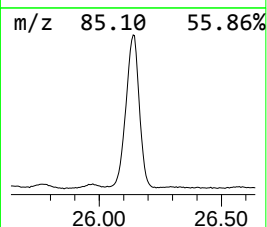
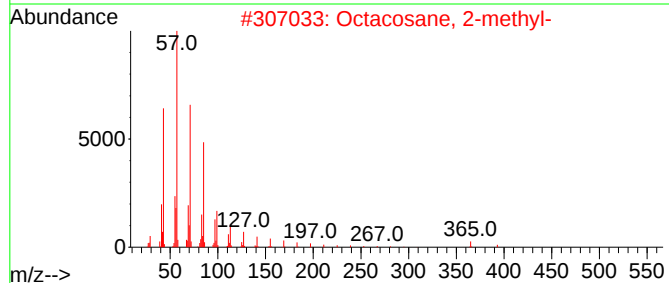
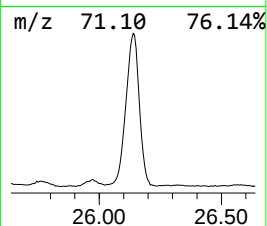
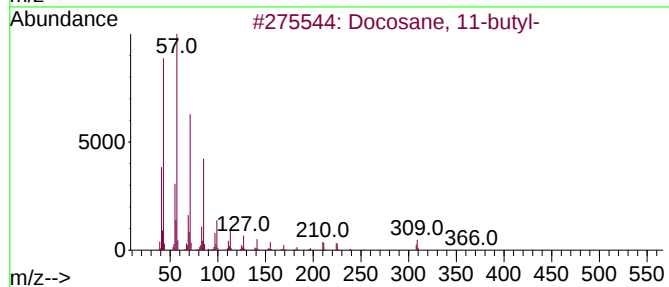
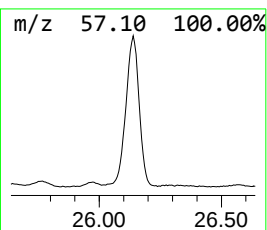
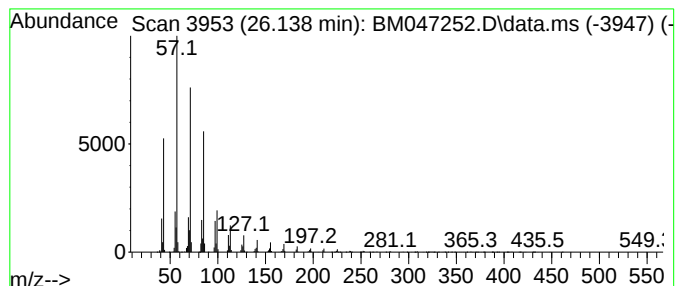
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Docosane, 11-butyl- Concentration Rank 6

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.   |
|--------|-----------|---------|------------------|--------|
| 26.139 | 103.49 ng | 8523130 | Perylene-d12     | 23.739 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Docosane, 11-butyl-   | 366 | C26H54  | 013475-76-8 | 95   |
| 2    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 3    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 4    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 90   |
| 5    |      | Hexadecane, 1-iodo-   | 352 | C16H33I | 000544-77-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

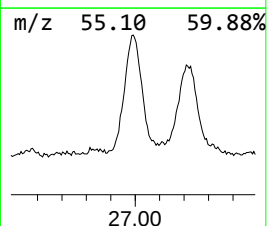
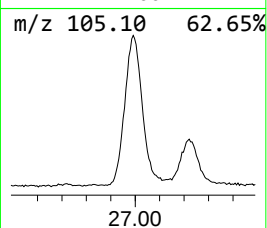
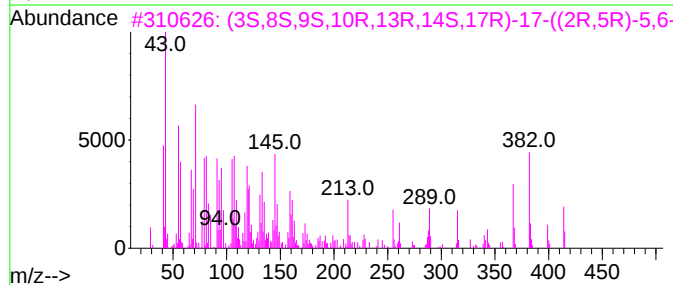
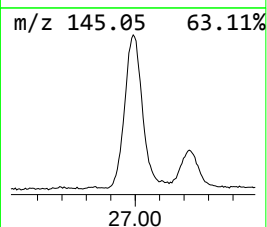
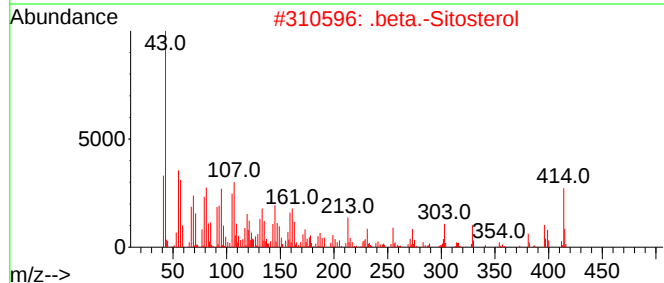
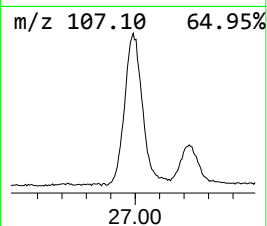
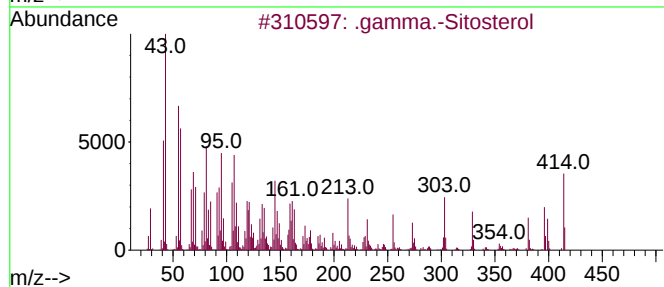
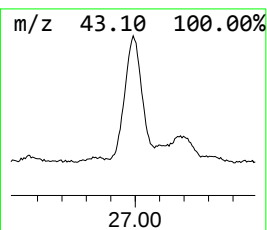
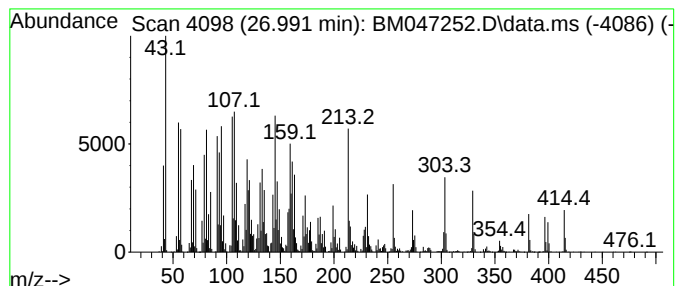
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 .gamma.-Sitosterol Concentration Rank 1

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 26.991 | 177.72 ng | 14636300 | Perylene-d12     | 23.739 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | .gamma.-Sitosterol                   | 414 | C29H50O   | 000083-47-6 | 99   |
| 2    |    |   | .beta.-Sitosterol                    | 414 | C29H50O   | 000083-46-5 | 99   |
| 3    |    |   | (3S,8S,9S,10R,13R,14S,17R)-17-((...) | 414 | C29H50O   | 029365-29-5 | 78   |
| 4    |    |   | Pregn-5-en-3-ol, 21-bromo-20-met...  | 394 | C22H35BrO | 055103-80-5 | 74   |
| 5    |    |   | Campesterol                          | 400 | C28H48O   | 000474-62-4 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081924\  
Data File : BM047252.D  
Acq On : 19 Aug 2024 14:48  
Operator : RC/JU  
Sample : P3596-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |          |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|----------|------|
|                    |        |         |       |          | #                     | RT     | Resp     | Conc |
| unknown14.269      | 14.269 | 20.0    | ng    | 1082760  | 3                     | 14.028 | 1082760  | 20.0 |
| unknown14.286      | 14.286 | 22.3    | ng    | 1205320  | 3                     | 14.028 | 1082760  | 20.0 |
| Nonadecane         | 18.415 | 50.9    | ng    | 8756590  | 4                     | 16.792 | 3437770  | 20.0 |
| Methyl stearate    | 18.827 | 8.2     | ng    | 1414600  | 4                     | 16.792 | 3437770  | 20.0 |
| Phthalic acid, ... | 18.886 | 81.0    | ng    | 13923800 | 4                     | 16.792 | 3437770  | 20.0 |
| Octadecanoic acid  | 19.080 | 118.6   | ng    | 69555900 | 5                     | 21.033 | 11726000 | 20.0 |
| Hexacosane         | 20.333 | 17.0    | ng    | 9976210  | 5                     | 21.033 | 11726000 | 20.0 |
| Terephthalic ac... | 20.698 | 43.1    | ng    | 25246100 | 5                     | 21.033 | 11726000 | 20.0 |
| Phthalic acid, ... | 21.203 | 3.6     | ng    | 2125590  | 5                     | 21.033 | 11726000 | 20.0 |
| Eicosane, 10-me... | 21.792 | 21.7    | ng    | 12739700 | 5                     | 21.033 | 11726000 | 20.0 |
| Tetratetracontane  | 22.645 | 164.4   | ng    | 13542600 | 6                     | 23.739 | 1647100  | 20.0 |
| Docosane, 7-hexyl- | 23.627 | 165.3   | ng    | 13616200 | 6                     | 23.739 | 1647100  | 20.0 |
| Heptacosane        | 24.768 | 133.5   | ng    | 10994500 | 6                     | 23.739 | 1647100  | 20.0 |
| Docosane, 11-bu... | 26.139 | 103.5   | ng    | 8523130  | 6                     | 23.739 | 1647100  | 20.0 |
| .gamma.-Sitosterol | 26.991 | 177.7   | ng    | 14636300 | 6                     | 23.739 | 1647100  | 20.0 |