

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
 Data File : BP002854.D  
 Acq On : 24 Jul 2020 15:25  
 Operator : CG/JU  
 Sample : L3412-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DUCK-BANK

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP071020.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 5.163       | 380           | 387         | 409          | rBV      | 1182231        | 1951627       | 41.57%          | 5.709%        |
| 2         | 6.740       | 648           | 655         | 679          | rBV      | 1159110        | 2073867       | 44.17%          | 6.067%        |
| 3         | 7.534       | 782           | 790         | 800          | rBV      | 255280         | 413927        | 8.82%           | 1.211%        |
| 4         | 8.681       | 977           | 985         | 1007         | rBV      | 714973         | 1292007       | 27.52%          | 3.780%        |
| 5         | 10.304      | 1254          | 1261        | 1276         | rBV      | 309454         | 574350        | 12.23%          | 1.680%        |
| 6         | 12.798      | 1677          | 1685        | 1708         | rBV      | 1807068        | 2817257       | 60.00%          | 8.242%        |
| 7         | 13.657      | 1824          | 1831        | 1845         | rBV      | 103651         | 174400        | 3.71%           | 0.510%        |
| 8         | 14.186      | 1914          | 1921        | 1933         | rBV      | 539135         | 795227        | 16.94%          | 2.326%        |
| 9         | 15.692      | 2170          | 2177        | 2198         | rBV      | 1468040        | 2257968       | 48.09%          | 6.606%        |
| 10        | 16.945      | 2384          | 2390        | 2404         | rBV      | 661733         | 1026111       | 21.85%          | 3.002%        |
| 11        | 17.875      | 2544          | 2548        | 2551         | rBV      | 58580          | 86870         | 1.85%           | 0.254%        |
| 12        | 17.969      | 2551          | 2564        | 2576         | rVV2     | 280684         | 1333119       | 28.39%          | 3.900%        |
| 13        | 18.104      | 2577          | 2587        | 2598         | rVV      | 508655         | 1646376       | 35.07%          | 4.816%        |
| 14        | 18.222      | 2598          | 2607        | 2629         | rVV      | 1326883        | 3731926       | 79.48%          | 10.918%       |
| 15        | 18.392      | 2630          | 2636        | 2656         | rVB2     | 89986          | 354407        | 7.55%           | 1.037%        |
| 16        | 19.533      | 2825          | 2830        | 2841         | rBV      | 3569809        | 4695173       | 100.00%         | 13.736%       |
| 17        | 19.998      | 2906          | 2909        | 2919         | rVB2     | 26566          | 56701         | 1.21%           | 0.166%        |
| 18        | 20.698      | 3024          | 3028        | 3031         | rBV      | 40639          | 61741         | 1.31%           | 0.181%        |
| 19        | 20.739      | 3031          | 3035        | 3039         | rVB      | 58993          | 89978         | 1.92%           | 0.263%        |
| 20        | 20.786      | 3039          | 3043        | 3048         | rBV2     | 515379         | 711470        | 15.15%          | 2.081%        |
| 21        | 20.845      | 3048          | 3053        | 3063         | rVV2     | 546538         | 909796        | 19.38%          | 2.662%        |
| 22        | 21.057      | 3084          | 3089        | 3101         | rVB      | 1095035        | 1369758       | 29.17%          | 4.007%        |
| 23        | 21.221      | 3114          | 3117        | 3124         | rVB      | 112476         | 118769        | 2.53%           | 0.347%        |
| 24        | 21.645      | 3185          | 3189        | 3201         | rBV      | 185708         | 284427        | 6.06%           | 0.832%        |
| 25        | 22.098      | 3262          | 3266        | 3272         | rBV      | 272913         | 340579        | 7.25%           | 0.996%        |
| 26        | 22.221      | 3281          | 3287        | 3299         | rVB      | 1139033        | 1613777       | 34.37%          | 4.721%        |
| 27        | 22.592      | 3345          | 3350        | 3363         | rBV      | 334666         | 586473        | 12.49%          | 1.716%        |
| 28        | 23.145      | 3439          | 3444        | 3452         | rVB      | 317451         | 574808        | 12.24%          | 1.682%        |
| 29        | 23.233      | 3453          | 3459        | 3474         | rVB2     | 791557         | 1541773       | 32.84%          | 4.510%        |
| 30        | 23.774      | 3546          | 3551        | 3559         | rBV      | 191037         | 348248        | 7.42%           | 1.019%        |
| 31        | 23.857      | 3561          | 3565        | 3575         | rVB3     | 84620          | 186122        | 3.96%           | 0.544%        |
| 32        | 24.504      | 3671          | 3675        | 3682         | rVB      | 85439          | 163345        | 3.48%           | 0.478%        |

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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :  
DUCK-BANK

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\_P\METHODS\8270-BP071020.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

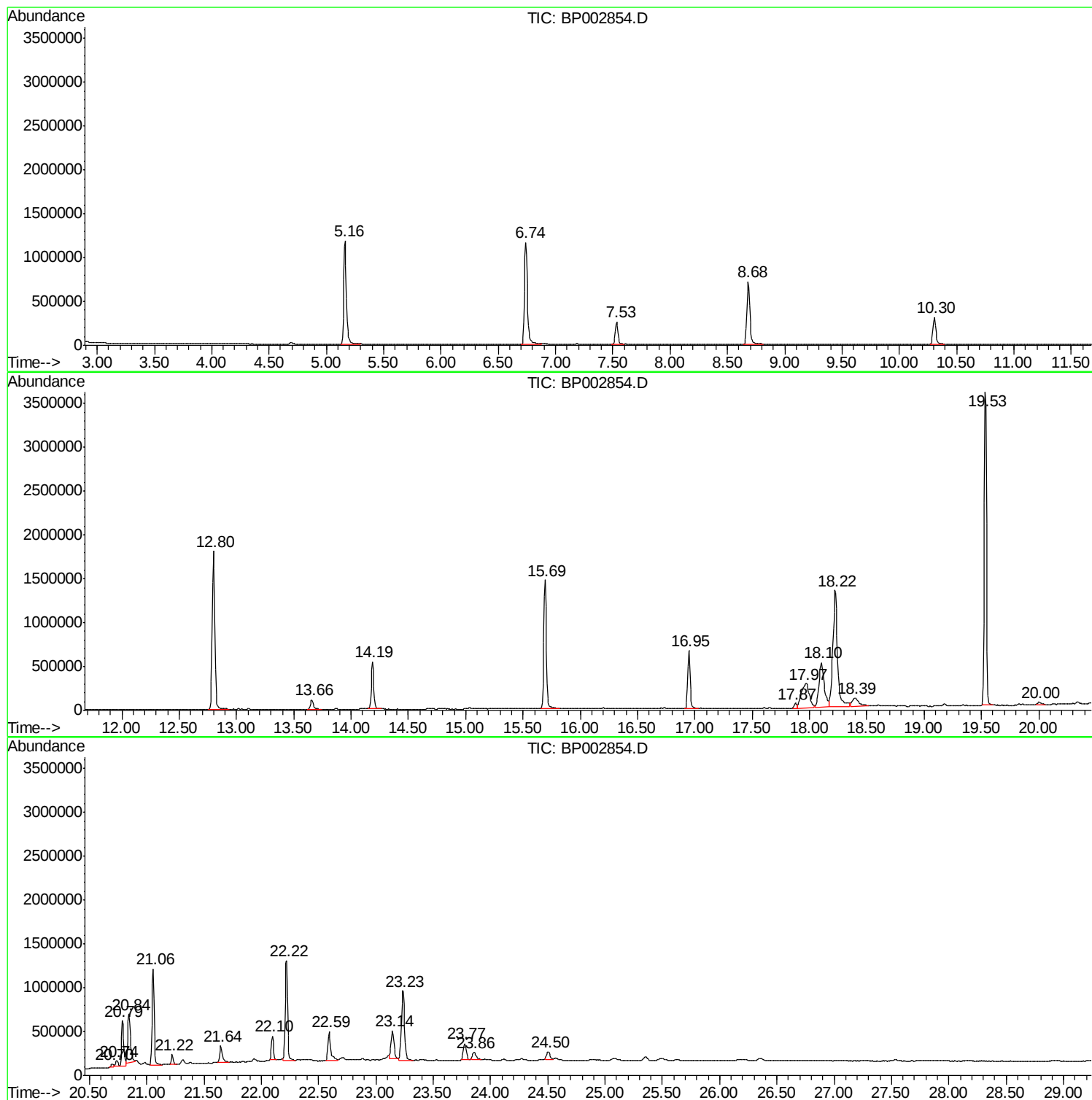
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

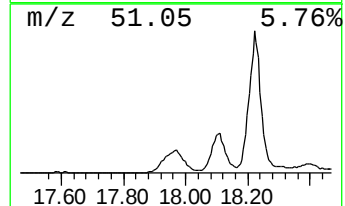
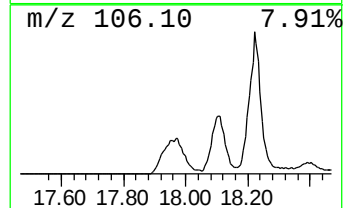
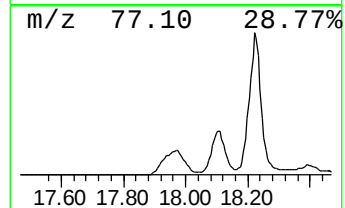
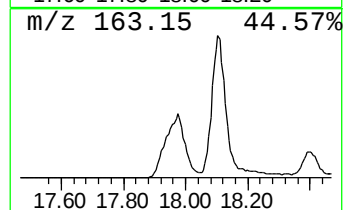
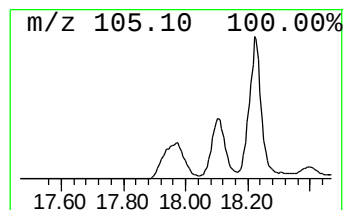
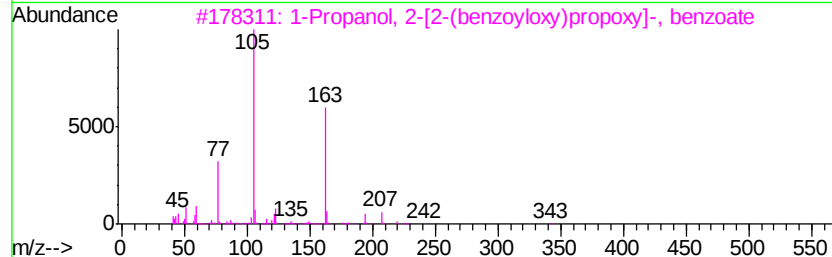
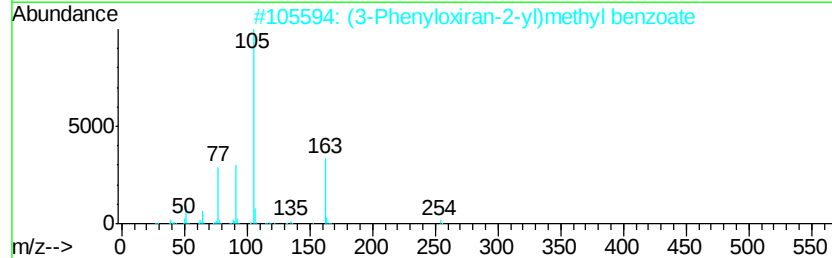
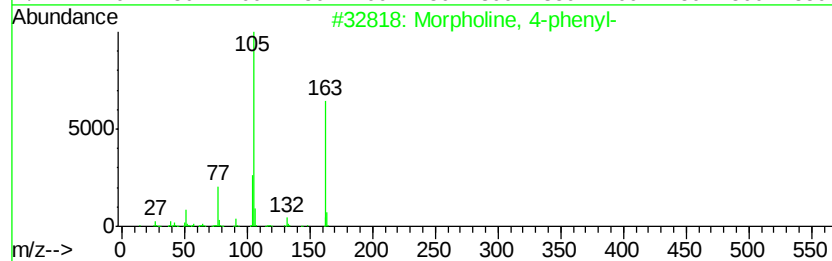
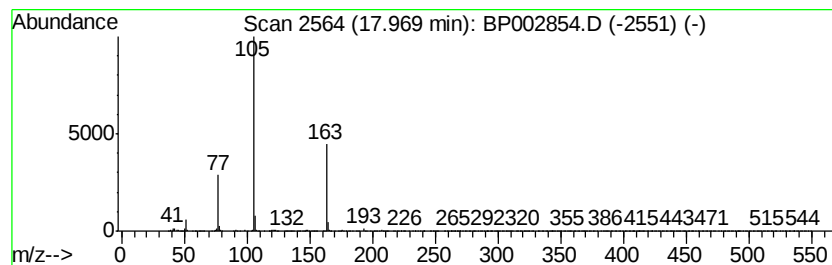
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Morpholine, 4-phenyl- Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 17.97 | 25.98 ng | 1333120 | Phenanthrene-d10 | 16.95 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Morpholine, 4-phenyl-               | 163 | C10H13NO   | 000092-53-5  | 56   |
| 2    |    | (3-Phenyloxiran-2-yl)methyl benz... | 254 | C16H14O3   | 1000366-96-1 | 56   |
| 3    |    | 1-Propanol, 2-[2-(benzovloxy)pro... | 342 | C20H22O5   | 020109-39-1  | 43   |
| 4    |    | Benzamide, N-acetyl-                | 163 | C9H9NO2    | 001575-95-7  | 9    |
| 5    |    | Benzenepropanamide, .alpha.-(ben... | 284 | C16H16N2O3 | 058690-81-6  | 9    |



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ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

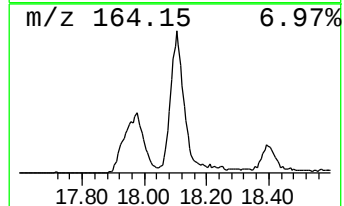
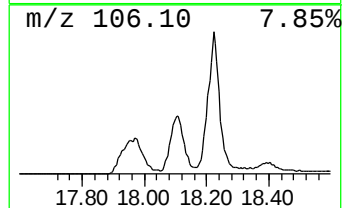
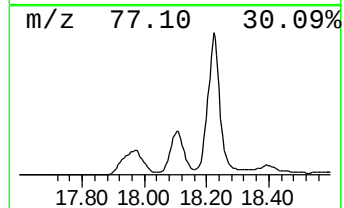
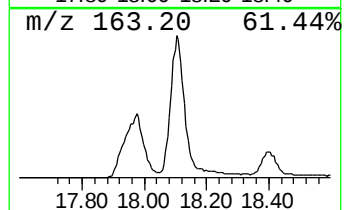
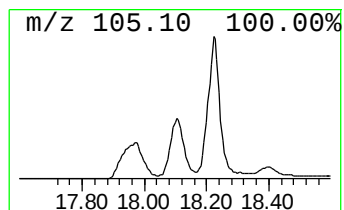
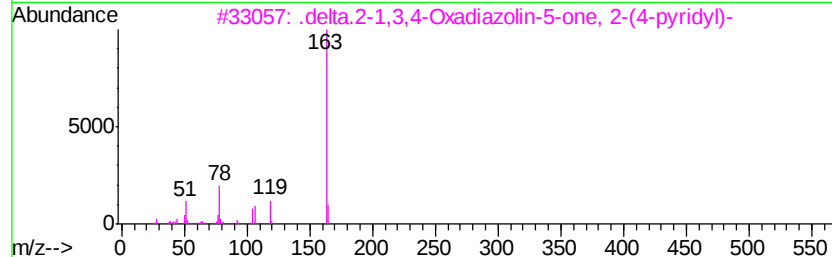
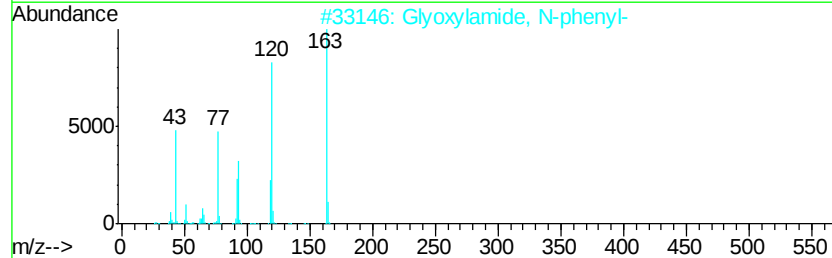
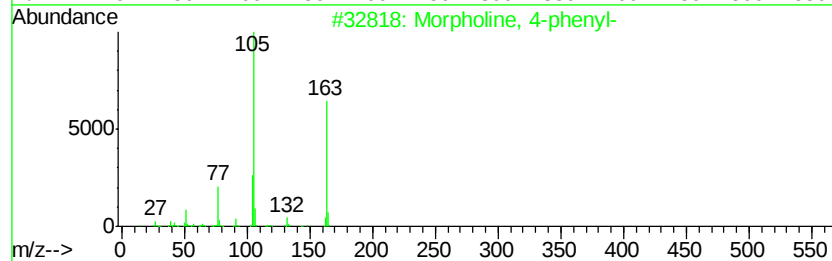
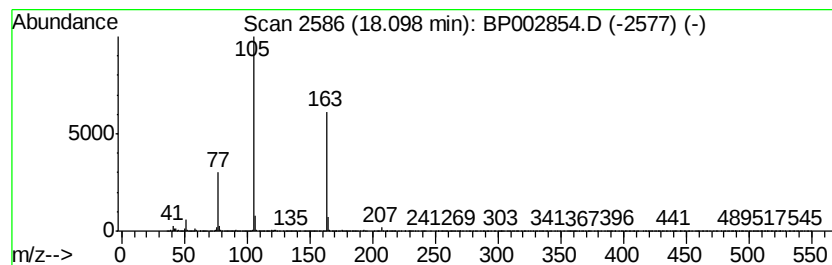
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Glyoxylamide, N-phenyl- Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 18.10 | 32.09 ng | 1646380 | Phenanthrene-d10 | 16.95 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Morpholine, 4-phenyl-               | 163 | C10H13NO   | 000092-53-5 | 64   |
| 2    |    | Glyoxylamide, N-phenyl-             | 163 | C9H9NO2    | 032331-52-5 | 50   |
| 3    |    | .delta.2-1,3,4-Oxadiazolin-5-one... | 163 | C7H5N3O2   | 002845-82-1 | 43   |
| 4    |    | Benzenepropanamide, .alpha.-(ben... | 284 | C16H16N2O3 | 058690-81-6 | 40   |
| 5    |    | 1-Propanol, 2-[2-(benzoyloxy)pro... | 342 | C20H22O5   | 020109-39-1 | 40   |



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Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

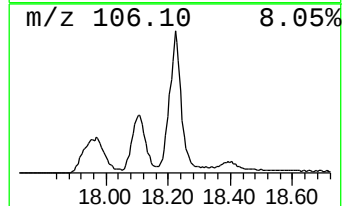
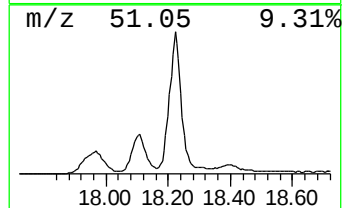
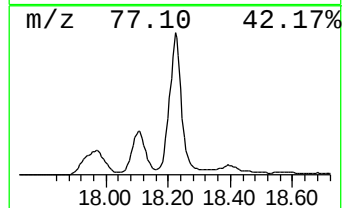
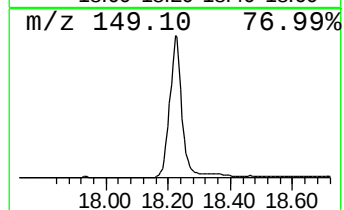
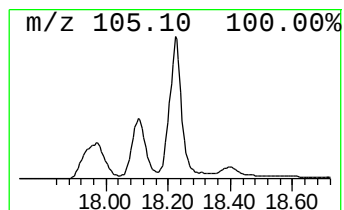
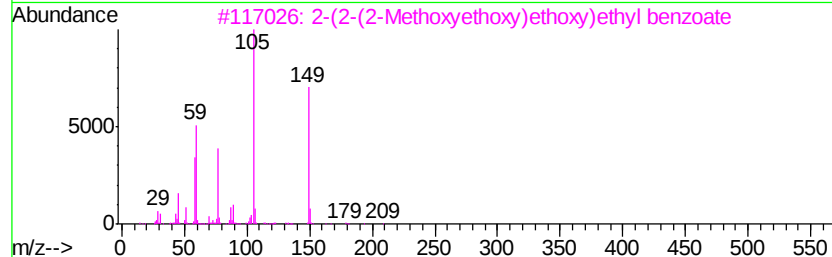
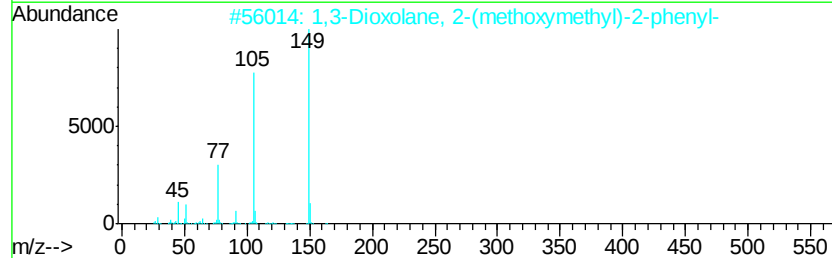
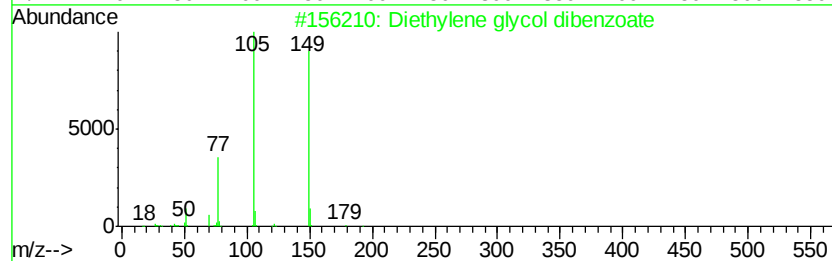
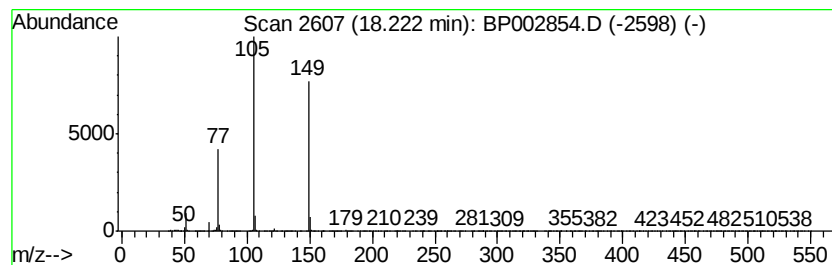
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 18.22 | 72.74 ng | 3731930 | Phenanthrene-d10 | 16.95 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Diethylene glycol dibenzoate        | 314 | C18H18O5  | 000120-55-8  | 80   |
| 2    |    | 1,3-Dioxolane, 2-(methoxymethyl)... | 194 | C11H14O3  | 1000156-71-2 | 74   |
| 3    |    | 2-(2-(2-Methoxyethoxy)ethoxy)eth... | 268 | C14H20O5  | 1000366-99-1 | 74   |
| 4    |    | 2,2'-(Ethane-1,2-diylbis(oxv))bi... | 358 | C20H22O6  | 1000366-99-4 | 72   |
| 5    |    | Benzoic acid, 2-(3-nitrophenyl)e... | 271 | C15H13NO4 | 1000368-22-4 | 72   |



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Misc :  
ALS Vial : 3 Sample Multiplier: 1

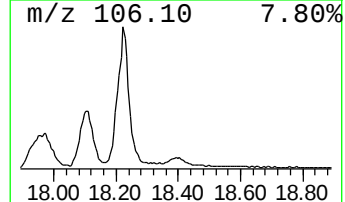
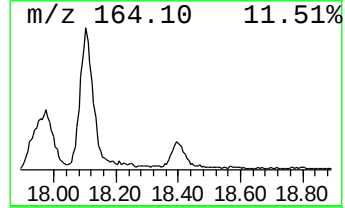
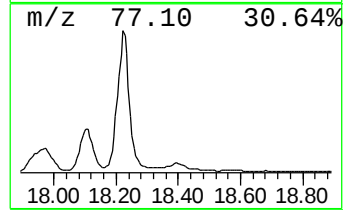
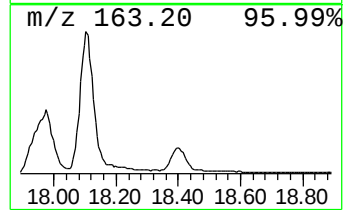
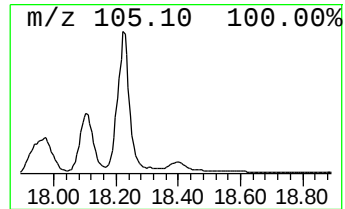
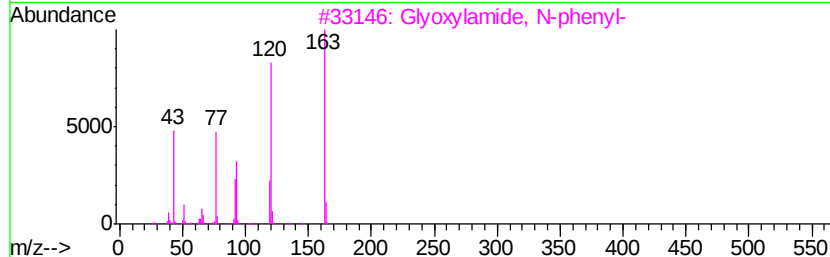
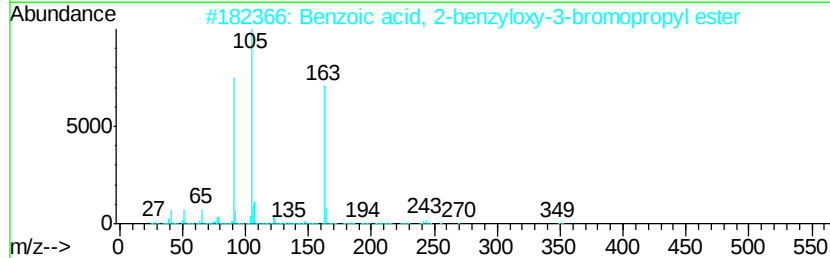
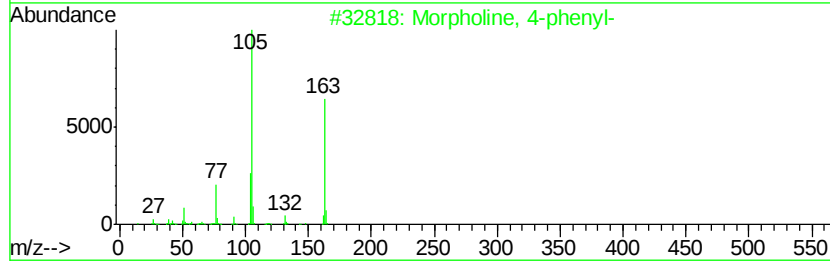
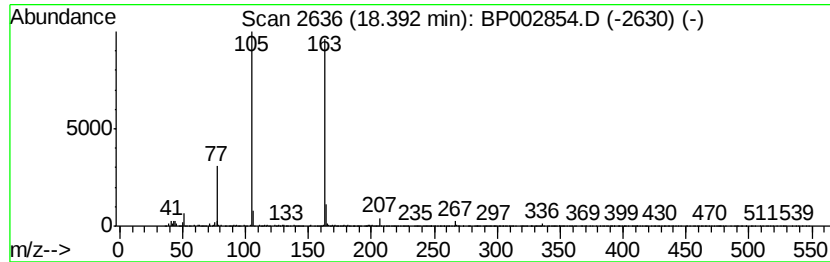
Instrument :  
BNA\_P  
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DUCK-BANK

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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Benzoic acid, 2-benzyloxy-3... Concentration Rank 9

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 18.39     | 6.91 ng                             | 354407 | Phenanthrene-d10 | 16.95        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Morpholine, 4-phenyl-               | 163    | C10H13NO         | 000092-53-5  | 64   |
| 2         | Benzoic acid, 2-benzyloxy-3-brom... | 348    | C17H17BrO3       | 1000191-33-3 | 59   |
| 3         | Glvoxylamide, N-phenyl-             | 163    | C9H9N02          | 032331-52-5  | 53   |
| 4         | 1,3-Dioxolane, 2,4-dimethyl-2-ph... | 178    | C11H14O2         | 004359-30-2  | 43   |
| 5         | Phthalic acid, 4-isopropylphenyl... | 298    | C18H18O4         | 1000315-65-7 | 40   |



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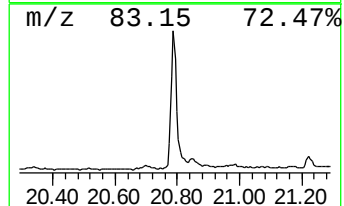
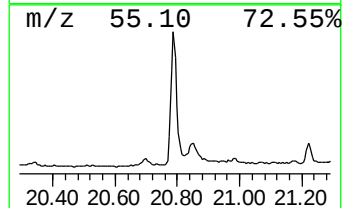
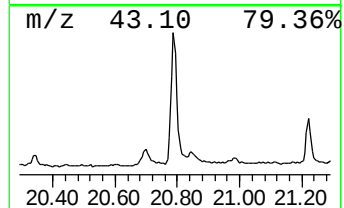
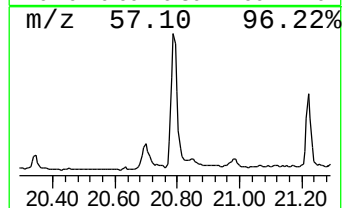
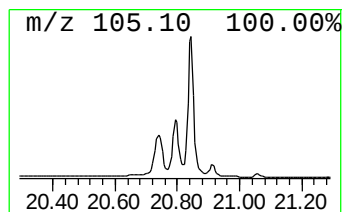
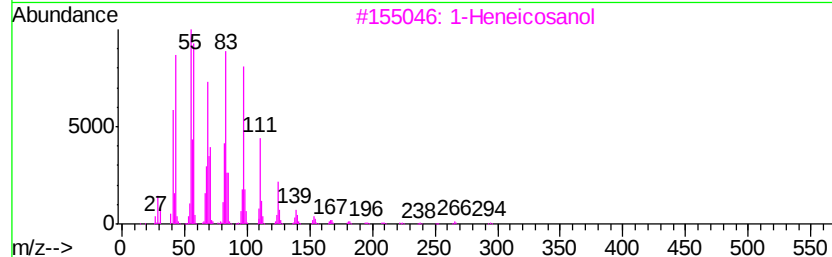
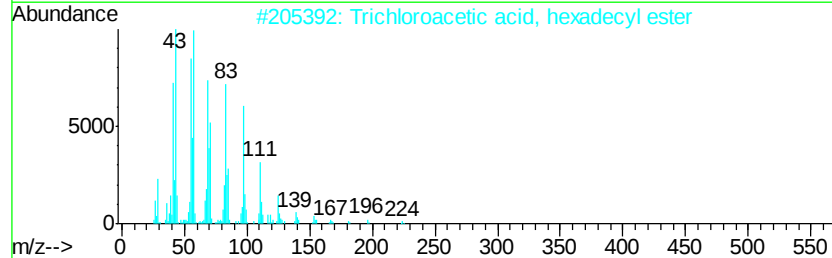
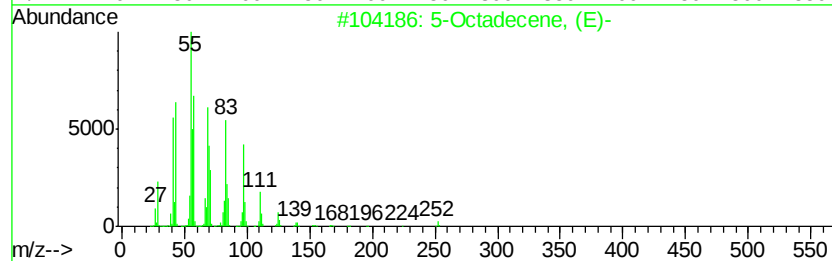
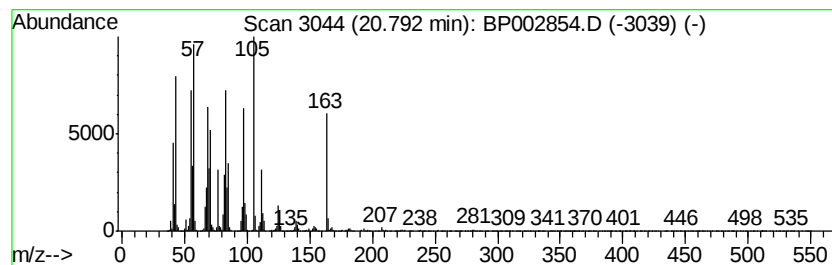
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 5-Octadecene, (E)- Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 20.79 | 10.39 ng | 711470 | Chrysene-d12     | 21.06 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|-------------|-------------|------|
| 1       | 5-Octadecene, (E)-                  |              | 252 | C18H36      | 007206-21-5 | 94   |
| 2       | Trichloroacetic acid, hexadecyl ... |              | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |
| 3       | 1-Heneicosanol                      |              | 312 | C21H44O     | 015594-90-8 | 93   |
| 4       | Cyclohexadecane                     |              | 224 | C16H32      | 000295-65-8 | 93   |
| 5       | 2-Chloropropionic acid, hexadec...  |              | 332 | C19H37ClO2  | 086711-81-1 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
Data File : BP002854.D  
Acq On : 24 Jul 2020 15:25  
Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

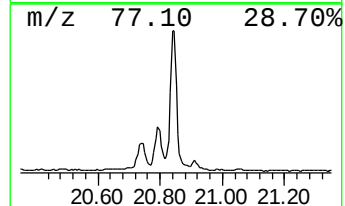
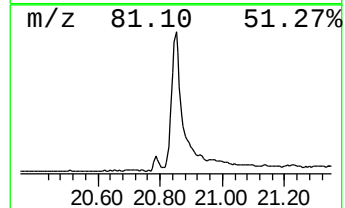
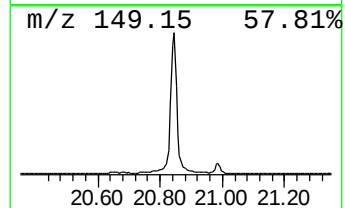
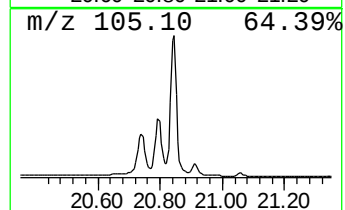
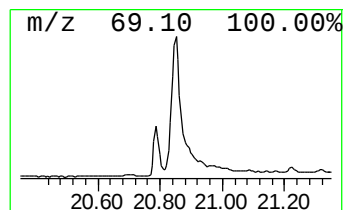
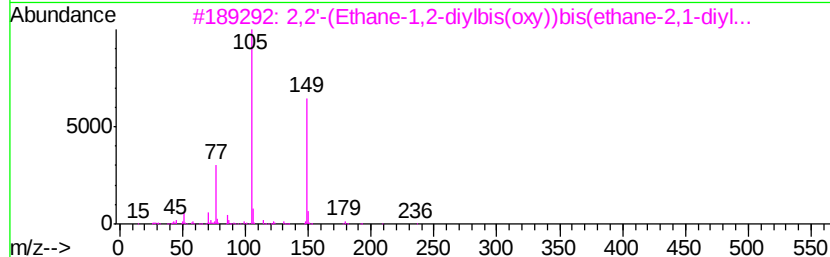
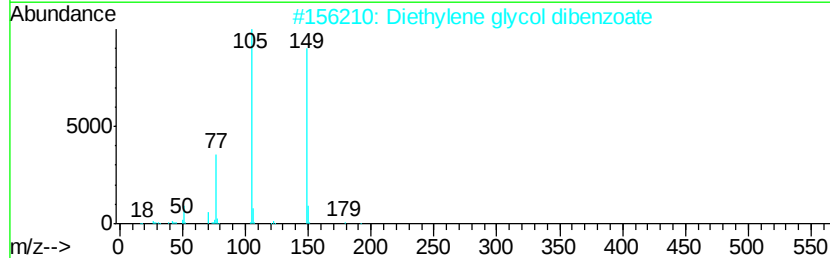
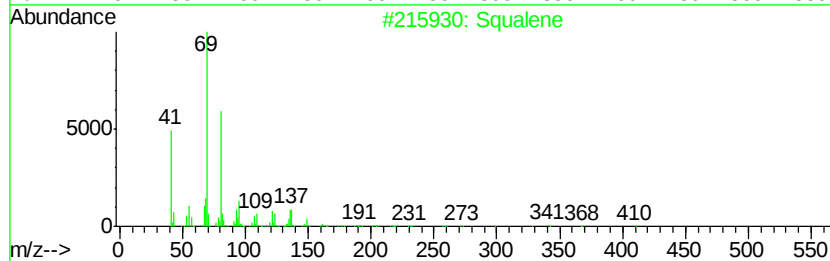
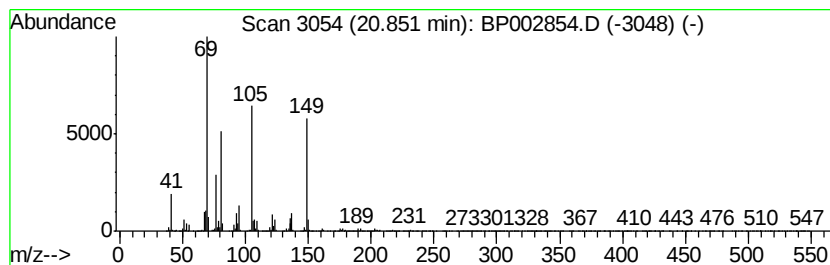
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown20.85 Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 20.85 | 13.28 ng | 909796 | Chrysene-d12     | 21.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Squalene                            | 410 | C30H50    | 000111-02-4  | 46   |
| 2    |    | Diethylene glycol dibenzoate        | 314 | C18H18O5  | 000120-55-8  | 46   |
| 3    |    | 2,2'-(Ethane-1,2-diylbis(oxv))bi... | 358 | C20H22O6  | 1000366-99-4 | 43   |
| 4    |    | Benzoic acid, 2-(4-nitrophenoxy)... | 287 | C15H13NO5 | 1000368-92-7 | 43   |
| 5    |    | 2-(2-(2-Ethoxyethoxy)ethoxy)ethy... | 282 | C15H22O5  | 1000366-98-8 | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
Data File : BP002854.D  
Acq On : 24 Jul 2020 15:25  
Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

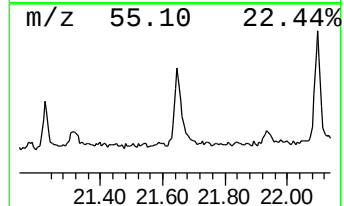
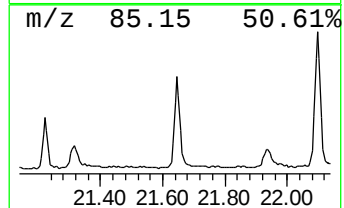
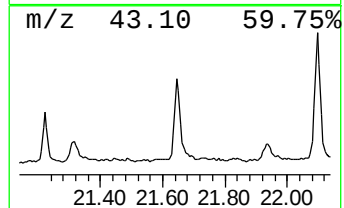
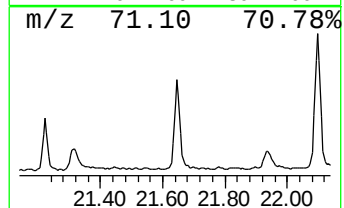
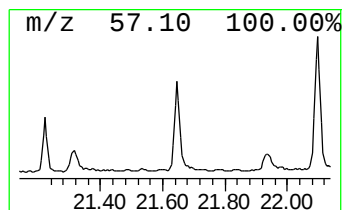
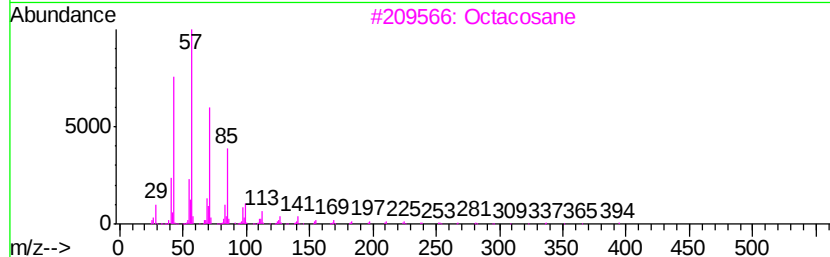
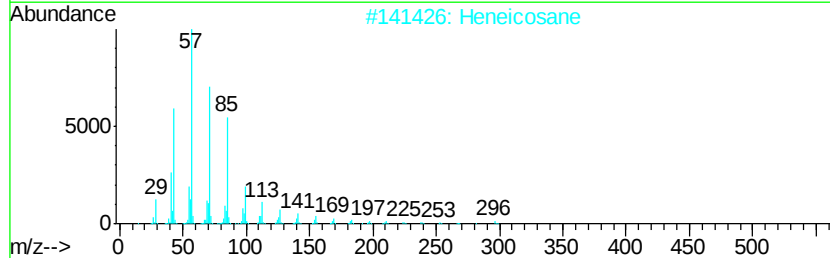
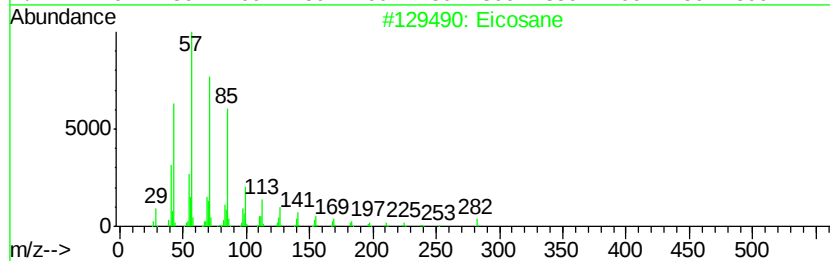
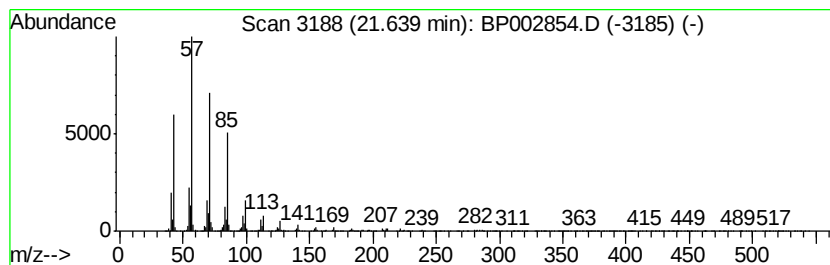
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Eicosane Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.64 | 4.15 ng | 284427 | Chrysene-d12     | 21.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Eicosane                            | 282 | C20H42    | 000112-95-8  | 93   |
| 2    |    | Heneicosane                         | 296 | C21H44    | 000629-94-7  | 91   |
| 3    |    | Octacosane                          | 394 | C28H58    | 000630-02-4  | 91   |
| 4    |    | 2-Thiopheneacetic acid, 4-tetrad... | 338 | C20H34O2S | 1000280-67-0 | 86   |
| 5    |    | Octadecane, 5,14-dibutyl-           | 366 | C26H54    | 055282-13-8  | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
Data File : BP002854.D  
Acq On : 24 Jul 2020 15:25  
Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

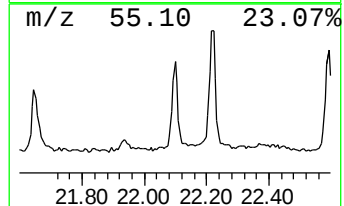
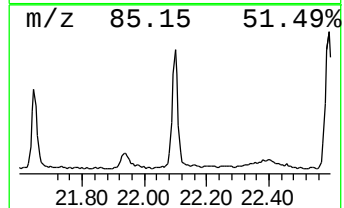
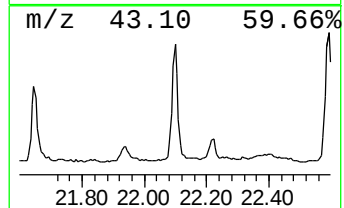
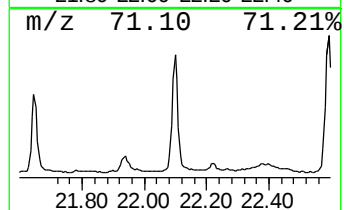
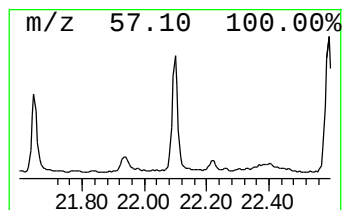
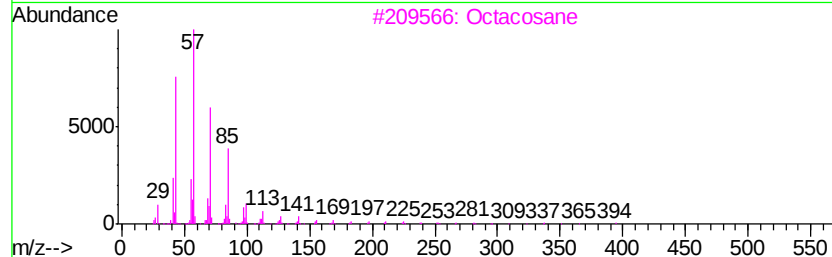
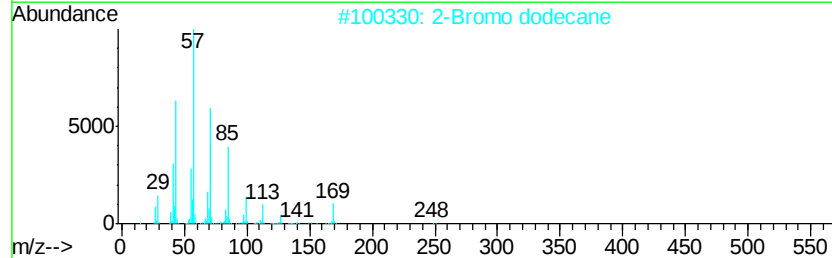
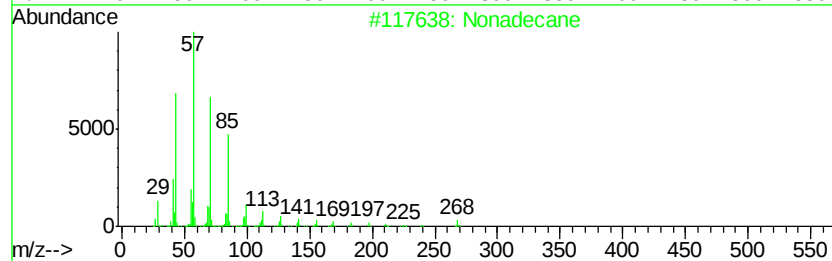
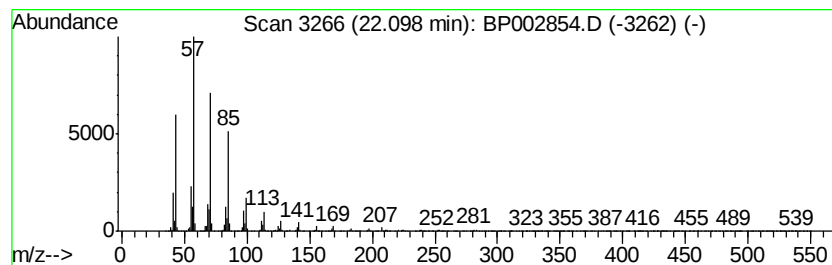
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 2-Bromo dodecane Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.10 | 4.97 ng | 340579 | Chrysene-d12     | 21.06 |

| Hit# | of | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------|-----|----------|-------------|------|
| 1    | 5  | Nonadecane       | 268 | C19H40   | 000629-92-5 | 94   |
| 2    |    | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 93   |
| 3    |    | Octacosane       | 394 | C28H58   | 000630-02-4 | 91   |
| 4    |    | Hexacosane       | 366 | C26H54   | 000630-01-3 | 91   |
| 5    |    | Heneicosane      | 296 | C21H44   | 000629-94-7 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
Data File : BP002854.D  
Acq On : 24 Jul 2020 15:25  
Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

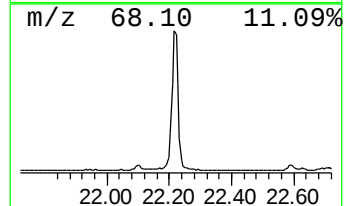
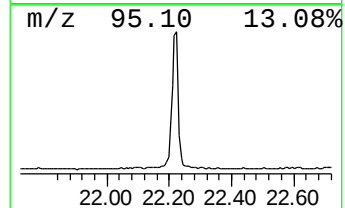
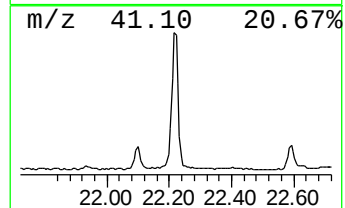
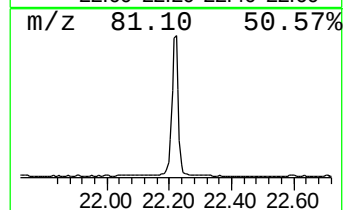
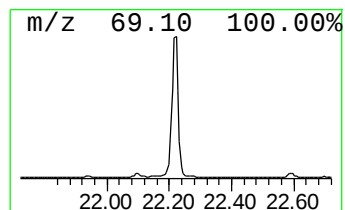
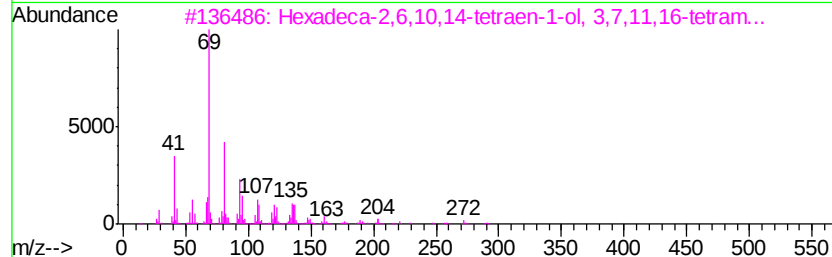
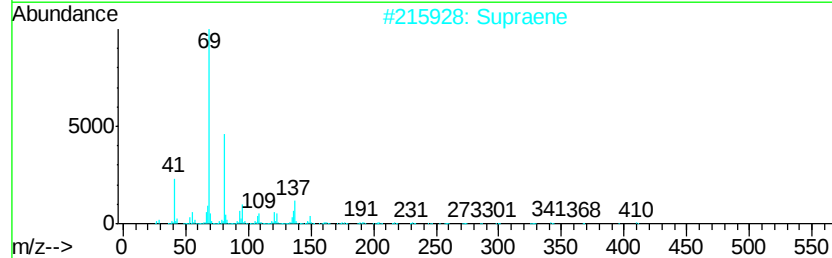
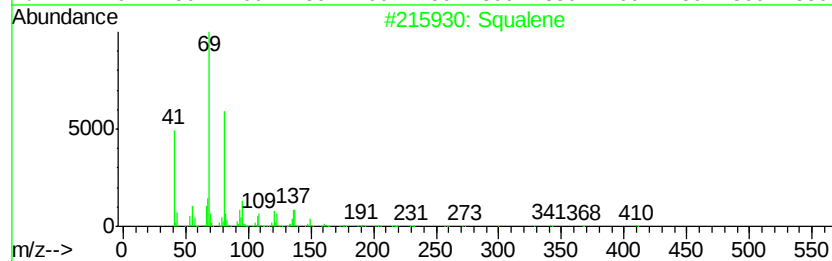
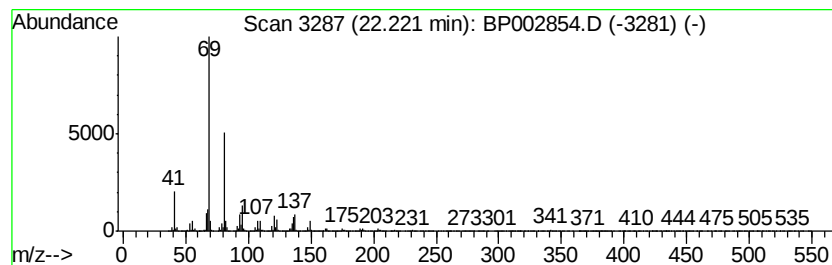
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Squalene Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 22.22 | 20.93 ng | 1613780 | Perylene-d12     | 23.23 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Squalene                             | 410 | C30H50   | 000111-02-4  | 91   |
| 2    |    | Supraene                             | 410 | C30H50   | 007683-64-9  | 91   |
| 3    |    | Hexadeca-2,6,10,14-tetraen-1-ol,...  | 290 | C20H34O  | 007614-21-3  | 72   |
| 4    |    | 7,11-Dimethyldodeca-2,6,10-trien...  | 208 | C14H24   | 125529-10-4  | 72   |
| 5    |    | Propanoic acid, 2,2-dimethyl-, [...] | 306 | C20H34O2 | 1000164-38-8 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
Data File : BP002854.D  
Acq On : 24 Jul 2020 15:25  
Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

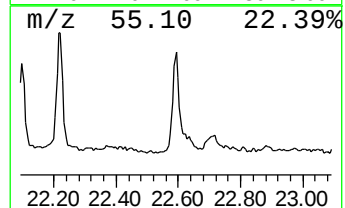
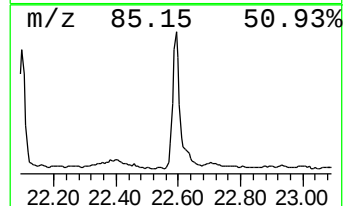
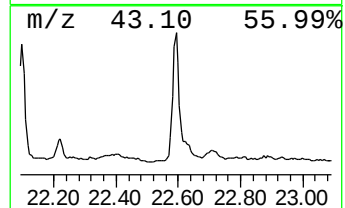
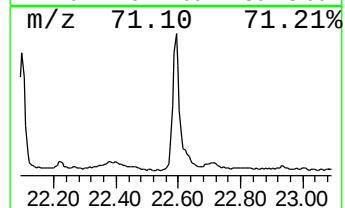
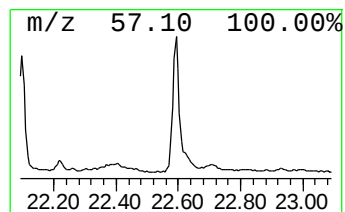
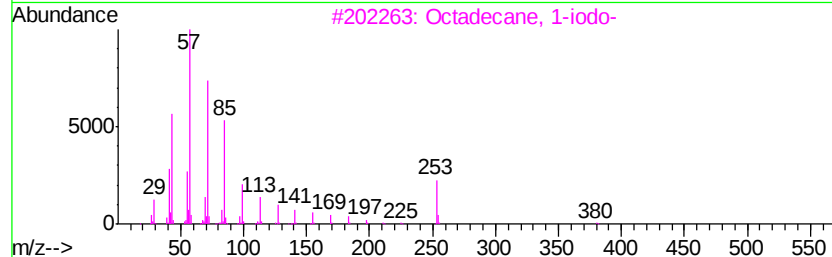
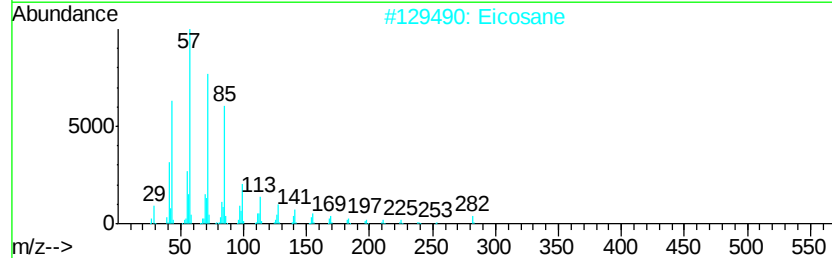
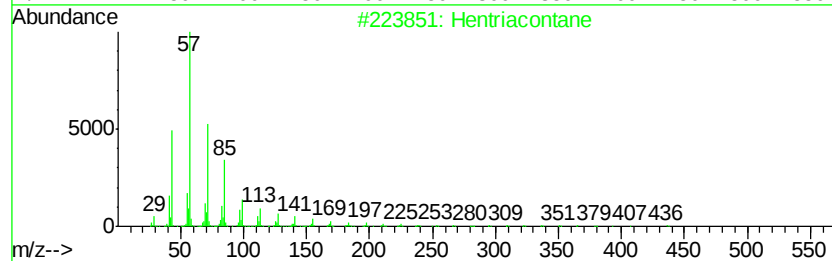
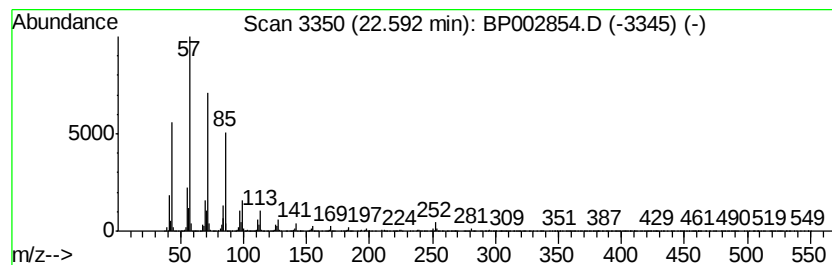
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Hentriacontane Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.59 | 7.61 ng | 586473 | Perylene-d12     | 23.23 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 98   |
| 2    |    |   | Eicosane              | 282 | C20H42  | 000112-95-8 | 96   |
| 3    |    |   | Octadecane, 1-iodo-   | 380 | C18H37I | 000629-93-6 | 95   |
| 4    |    |   | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 93   |
| 5    |    |   | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
Data File : BP002854.D  
Acq On : 24 Jul 2020 15:25  
Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

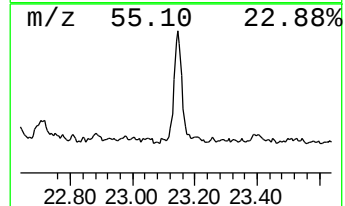
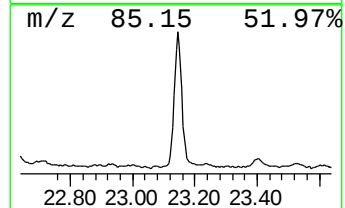
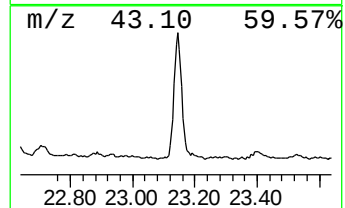
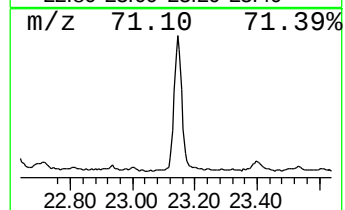
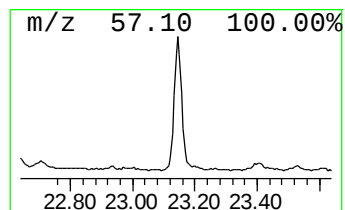
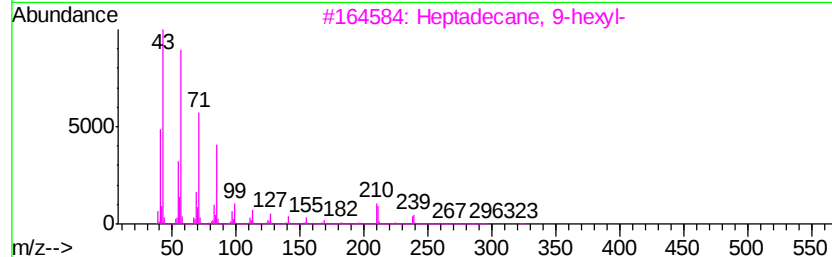
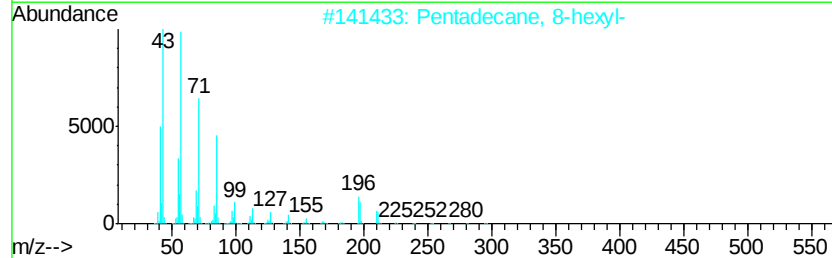
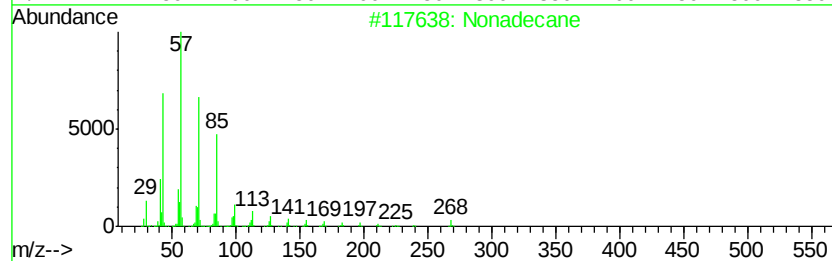
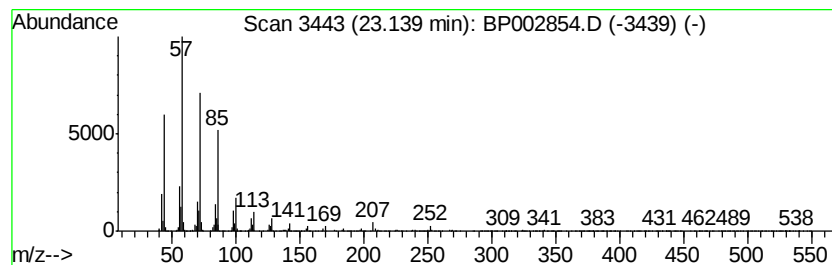
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Nonadecane Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.14 | 7.46 ng | 574808 | Perylene-d12     | 23.23 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Nonadecane            | 268 | C19H40  | 000629-92-5 | 95   |
| 2    |    | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 94   |
| 3    |    | Heptadecane, 9-hexyl- | 324 | C23H48  | 055124-79-3 | 94   |
| 4    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
Data File : BP002854.D  
Acq On : 24 Jul 2020 15:25  
Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

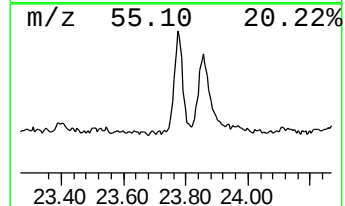
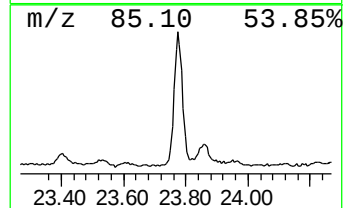
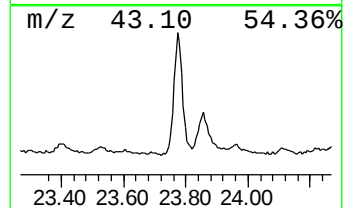
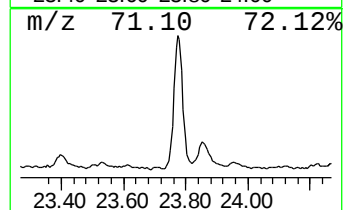
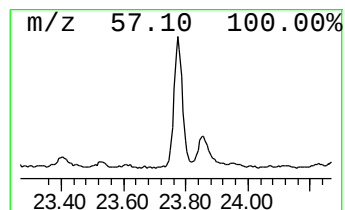
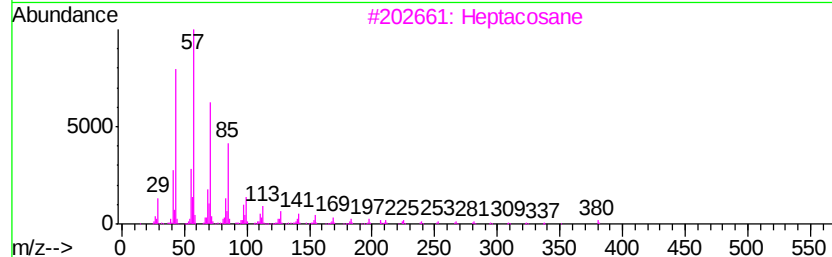
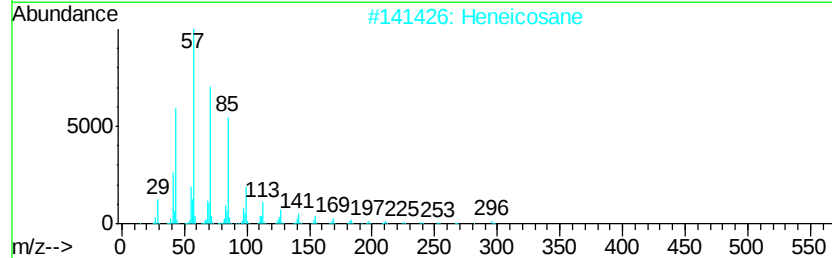
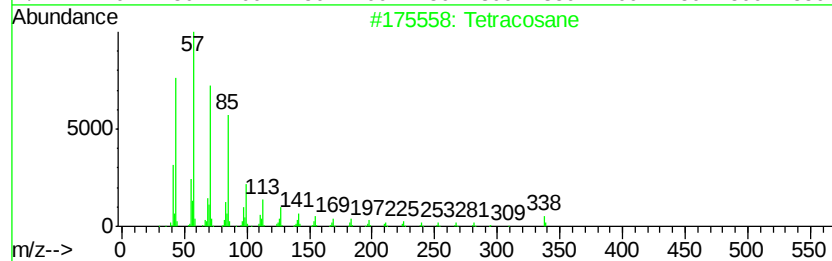
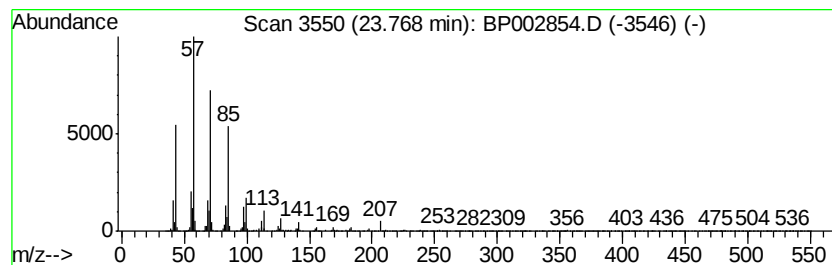
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Tetracosane Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.77 | 4.52 ng | 348248 | Perylene-d12     | 23.23 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Tetracosane         | 338 | C24H50  | 000646-31-1 | 96   |
| 2    |    |   | Heneicosane         | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Heptacosane         | 380 | C27H56  | 000593-49-7 | 91   |
| 4    |    |   | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 83   |
| 5    |    |   | Octadecane          | 254 | C18H38  | 000593-45-3 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
Data File : BP002854.D  
Acq On : 24 Jul 2020 15:25  
Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

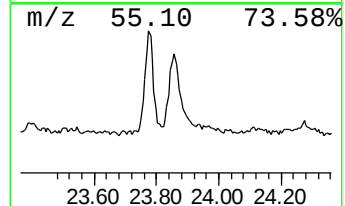
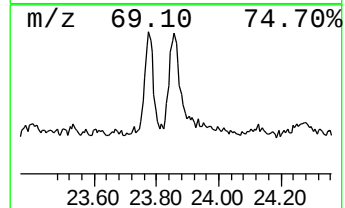
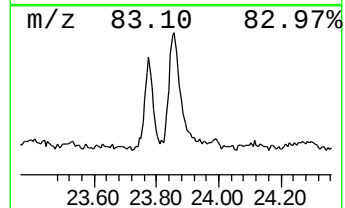
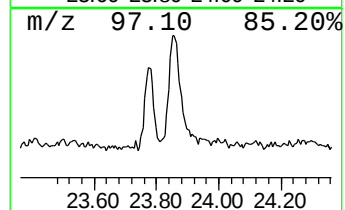
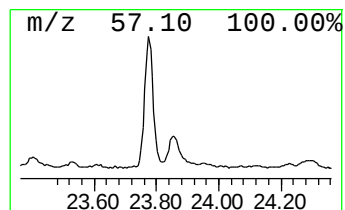
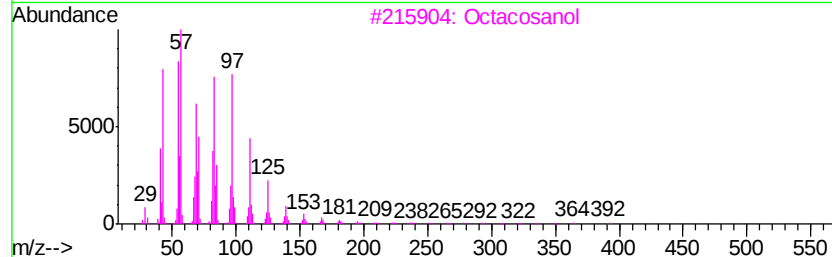
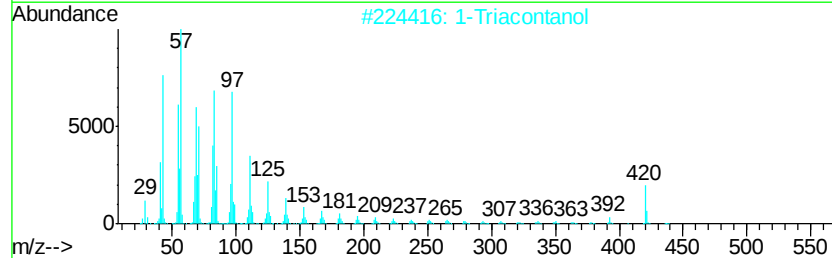
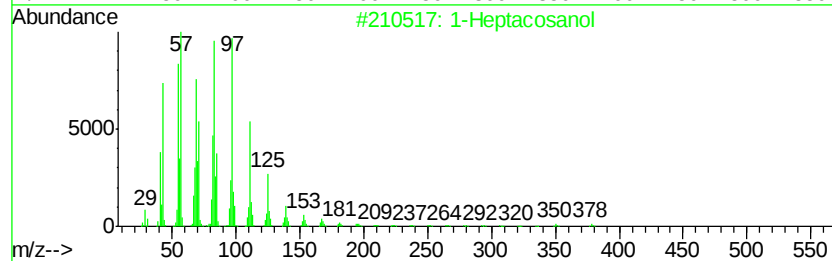
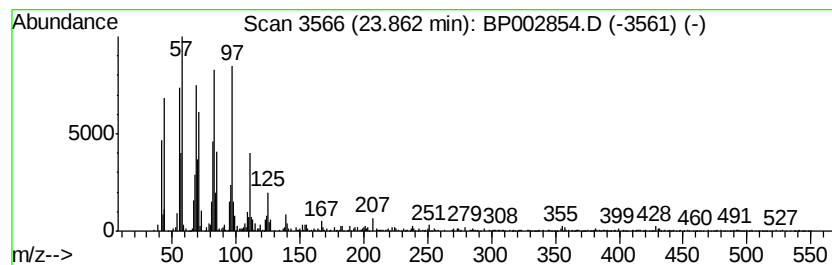
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 1-Heptacosanol Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.86 | 2.41 ng | 186122 | Perylene-d12     | 23.23 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Heptacosanol   | 396 | C27H56O | 002004-39-9 | 93   |
| 2    |    |   | 1-Triacontanol   | 438 | C30H62O | 000593-50-0 | 91   |
| 3    |    |   | Octacosanol      | 410 | C28H58O | 000557-61-9 | 91   |
| 4    |    |   | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 90   |
| 5    |    |   | Behenic alcohol  | 326 | C22H46O | 000661-19-8 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\  
Data File : BP002854.D  
Acq On : 24 Jul 2020 15:25  
Operator : CG/JU  
Sample : L3412-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

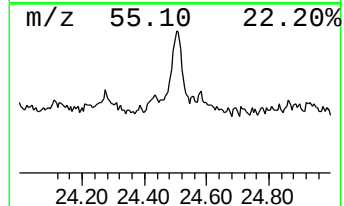
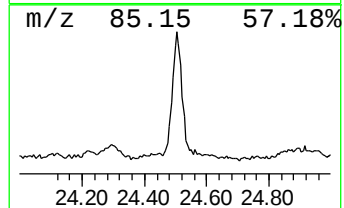
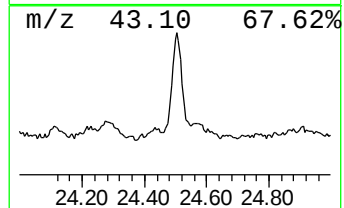
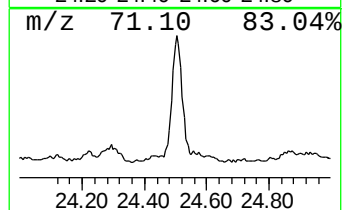
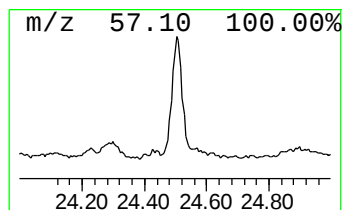
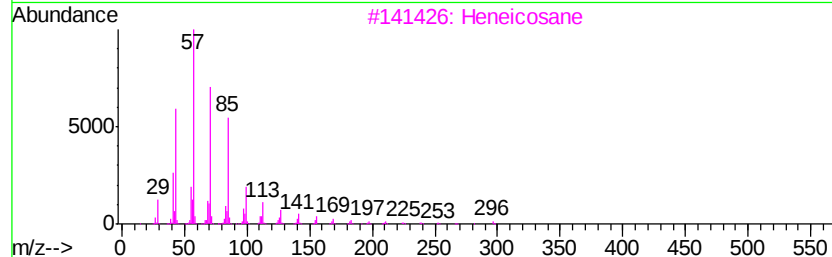
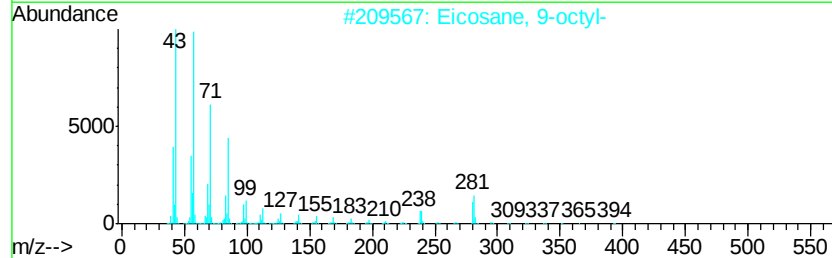
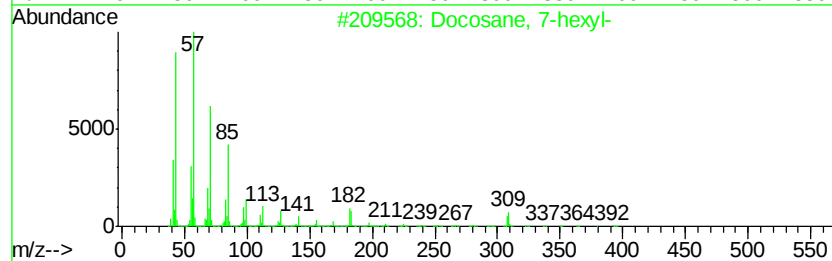
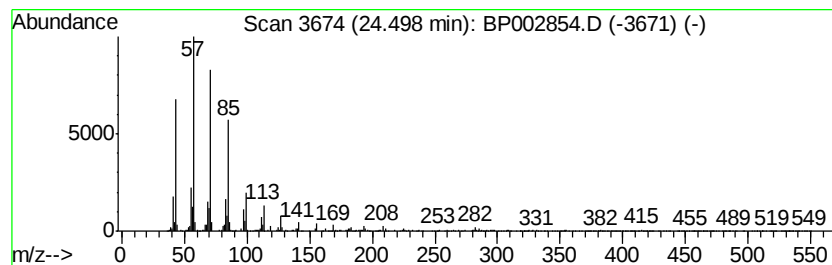
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Docosane, 7-hexyl- Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 24.50 | 2.12 ng | 163345 | Perylene-d12     | 23.23 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Docosane, 7-hexyl- | 394 | C28H58  | 055373-86-9 | 94   |
| 2    |    | Eicosane, 9-octyl- | 394 | C28H58  | 013475-77-9 | 93   |
| 3    |    | Heneicosane        | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |    | Heptadecane        | 240 | C17H36  | 000629-78-7 | 91   |
| 5    |    | triacontane        | 422 | C30H62  | 000638-68-6 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP072420\  
 Data File : BP002854.D  
 Acq On : 24 Jul 2020 15:25  
 Operator : CG/JU  
 Sample : L3412-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DUCK-BANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP071020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Morpholine, 4-phe... | 17.97 | 26.0    | ng    | 1333120  | 4                     | 16.95 | 1026110 | 20.0 |
| Glyoxylamide, N-p... | 18.10 | 32.1    | ng    | 1646380  | 4                     | 16.95 | 1026110 | 20.0 |
| Diethylene glycol... | 18.22 | 72.7    | ng    | 3731930  | 4                     | 16.95 | 1026110 | 20.0 |
| Benzoic acid, 2-b... | 18.39 | 6.9     | ng    | 354407   | 4                     | 16.95 | 1026110 | 20.0 |
| 5-Octadecene, (E)-   | 20.79 | 10.4    | ng    | 711470   | 5                     | 21.06 | 1369760 | 20.0 |
| unknown20.85         | 20.85 | 13.3    | ng    | 909796   | 5                     | 21.06 | 1369760 | 20.0 |
| Eicosane             | 21.64 | 4.2     | ng    | 284427   | 5                     | 21.06 | 1369760 | 20.0 |
| 2-Bromo dodecane     | 22.10 | 5.0     | ng    | 340579   | 5                     | 21.06 | 1369760 | 20.0 |
| Squalene             | 22.22 | 20.9    | ng    | 1613780  | 6                     | 23.23 | 1541770 | 20.0 |
| Hentriacontane       | 22.59 | 7.6     | ng    | 586473   | 6                     | 23.23 | 1541770 | 20.0 |
| Nonadecane           | 23.14 | 7.5     | ng    | 574808   | 6                     | 23.23 | 1541770 | 20.0 |
| Tetracosane          | 23.77 | 4.5     | ng    | 348248   | 6                     | 23.23 | 1541770 | 20.0 |
| 1-Heptacosanol       | 23.86 | 2.4     | ng    | 186122   | 6                     | 23.23 | 1541770 | 20.0 |
| Docosane, 7-hexyl-   | 24.50 | 2.1     | ng    | 163345   | 6                     | 23.23 | 1541770 | 20.0 |