

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030922\  
 Data File : BP009322.D  
 Acq On : 09 Mar 2022 14:13  
 Operator : CG/JU  
 Sample : N1851-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DUM-34

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\8270E-BP030522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009322.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.064       | 9             | 13          | 45           | rVB      | 409251         | 1332317       | 7.06%           | 1.532%        |
| 2         | 5.411       | 405           | 412         | 430          | rVB      | 3013989        | 5165675       | 27.37%          | 5.941%        |
| 3         | 6.987       | 672           | 680         | 696          | rBV      | 3316154        | 5793587       | 30.69%          | 6.664%        |
| 4         | 7.816       | 813           | 821         | 830          | rBV      | 805552         | 1387561       | 7.35%           | 1.596%        |
| 5         | 8.969       | 1009          | 1017        | 1027         | rBV      | 1966349        | 3489775       | 18.49%          | 4.014%        |
| 6         | 10.610      | 1287          | 1296        | 1306         | rBV      | 1214850        | 2154552       | 11.41%          | 2.478%        |
| 7         | 13.081      | 1708          | 1716        | 1735         | rBV      | 5550899        | 9088440       | 48.15%          | 10.453%       |
| 8         | 14.457      | 1943          | 1950        | 1958         | rBV      | 2061443        | 3298356       | 17.47%          | 3.794%        |
| 9         | 15.945      | 2197          | 2203        | 2225         | rBV      | 5334466        | 8481179       | 44.93%          | 9.755%        |
| 10        | 17.216      | 2412          | 2419        | 2425         | rBV      | 2991669        | 4767522       | 25.26%          | 5.484%        |
| 11        | 18.122      | 2568          | 2573        | 2581         | rBV      | 1200097        | 1802425       | 9.55%           | 2.073%        |
| 12        | 19.233      | 2756          | 2762        | 2771         | rBV      | 275536         | 576923        | 3.06%           | 0.664%        |
| 13        | 19.363      | 2779          | 2784        | 2796         | rBV      | 865703         | 1413731       | 7.49%           | 1.626%        |
| 14        | 19.586      | 2818          | 2822        | 2832         | rVB2     | 209555         | 358080        | 1.90%           | 0.412%        |
| 15        | 19.792      | 2851          | 2857        | 2867         | rBV      | 14600675       | 18874858      | 100.00%         | 21.710%       |
| 16        | 21.051      | 3067          | 3071        | 3088         | rVB2     | 1100617        | 2539534       | 13.45%          | 2.921%        |
| 17        | 21.321      | 3111          | 3117        | 3122         | rBV      | 5404234        | 7386679       | 39.14%          | 8.496%        |
| 18        | 21.980      | 3226          | 3229        | 3240         | rVB      | 426133         | 832548        | 4.41%           | 0.958%        |
| 19        | 23.727      | 3518          | 3526        | 3536         | rVB2     | 3895330        | 8199029       | 43.44%          | 9.430%        |

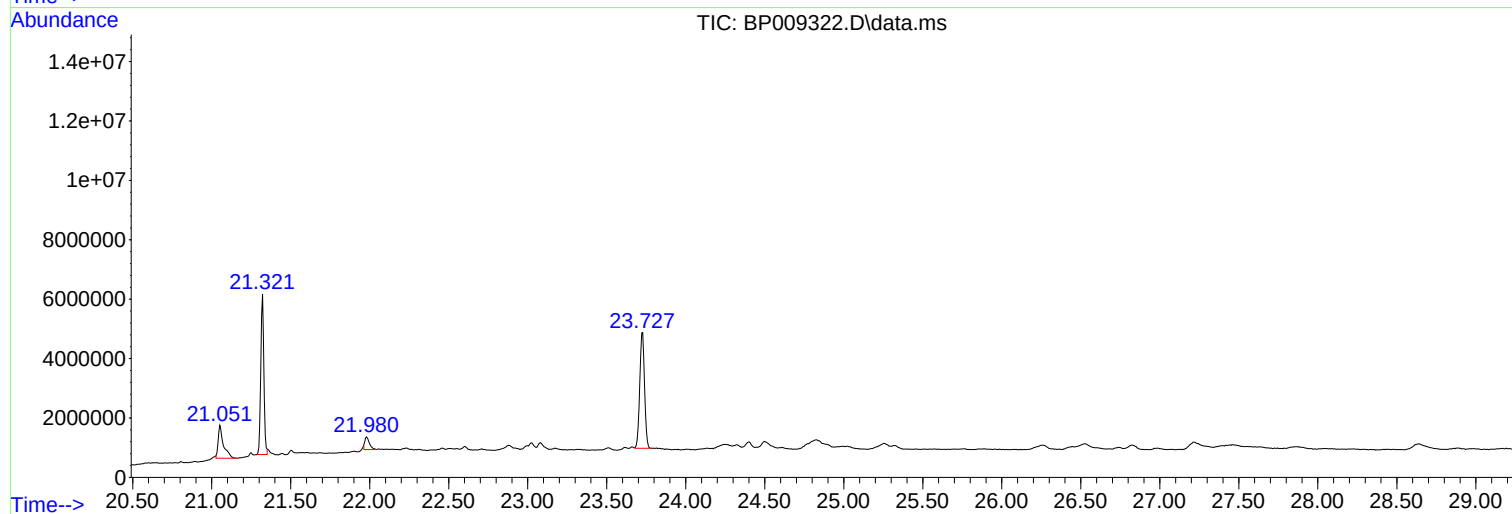
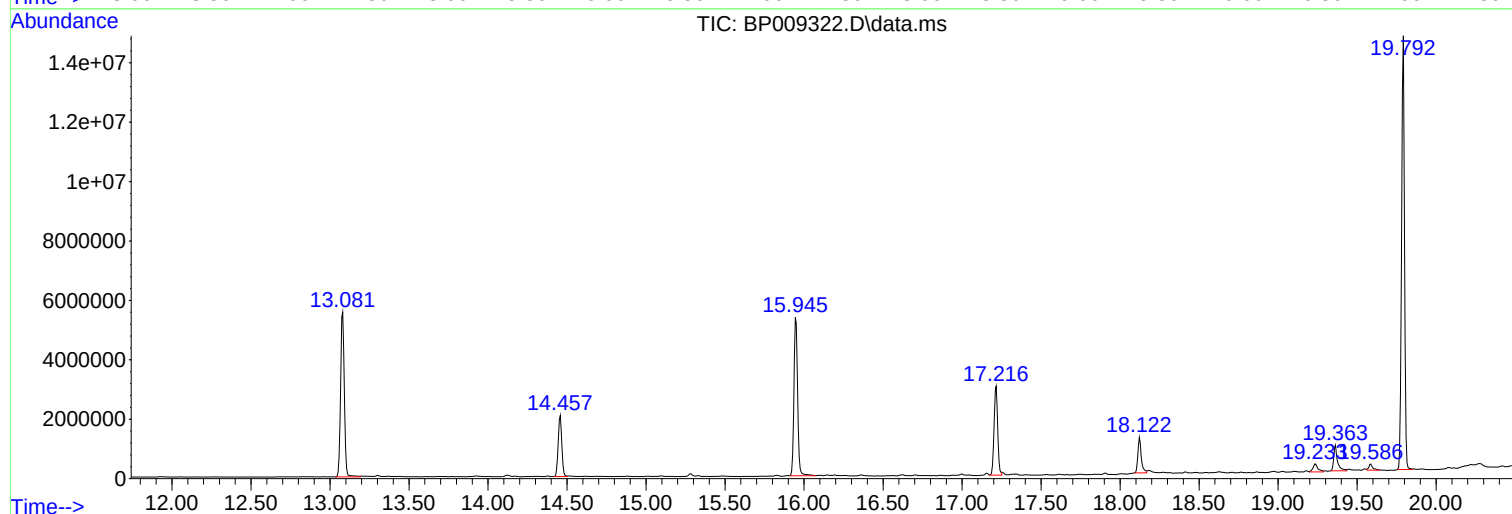
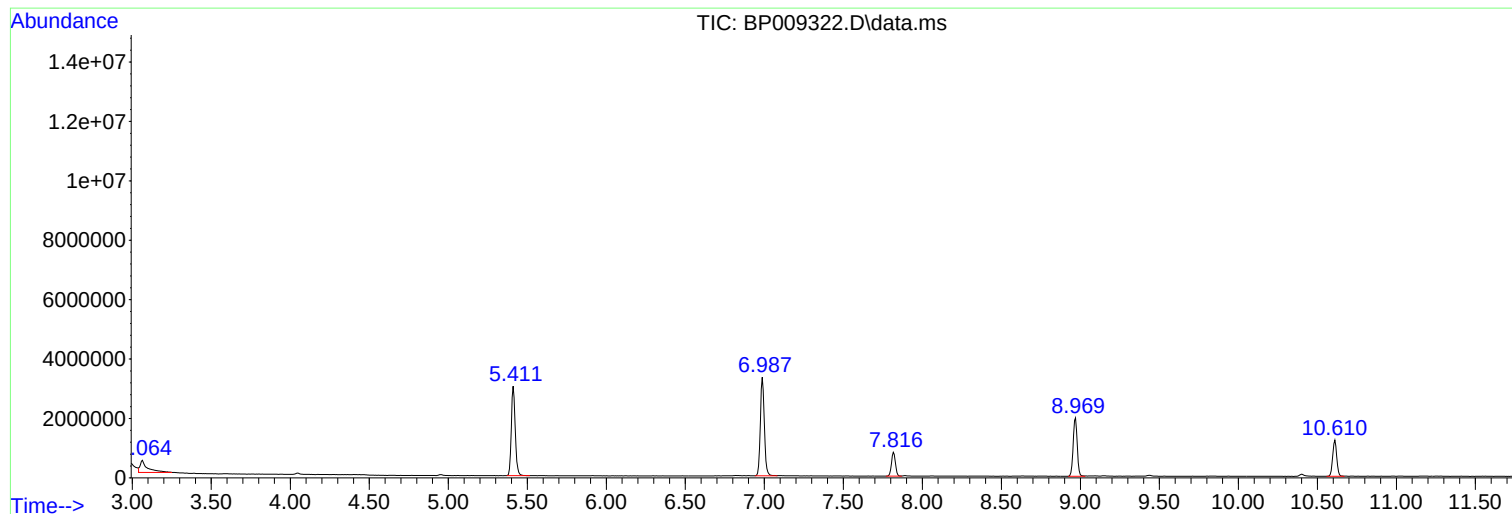
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030922\  
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-34

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030922\  
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Sample : N1851-01  
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Instrument :  
BNA\_P  
ClientSampleId :  
DUM-34

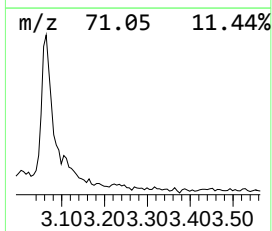
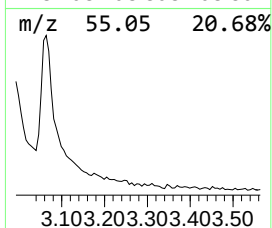
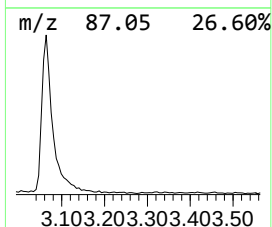
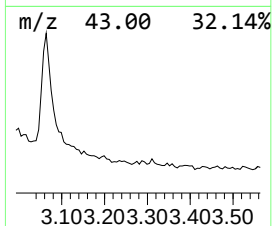
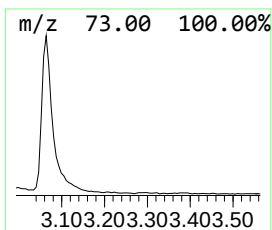
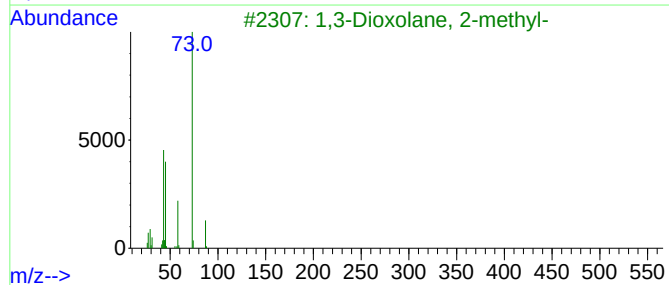
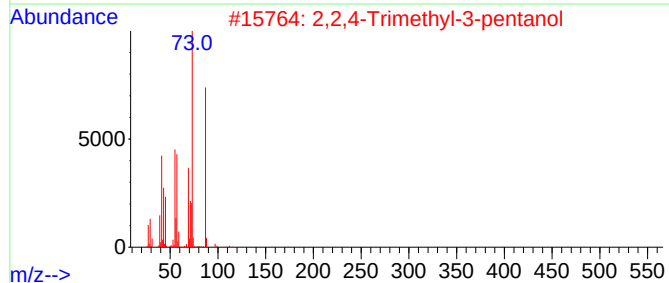
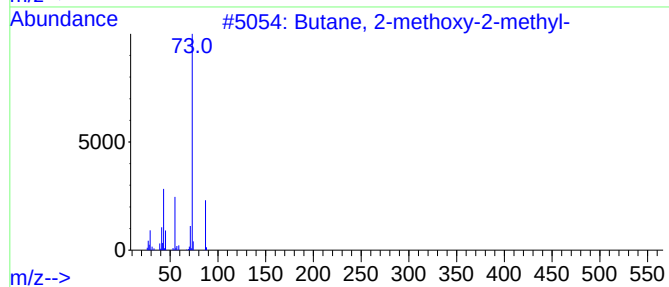
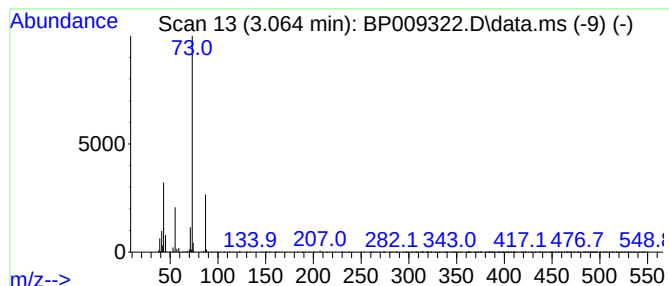
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 3.064 | 19.20 ng | 1332320 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 86   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |



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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-34

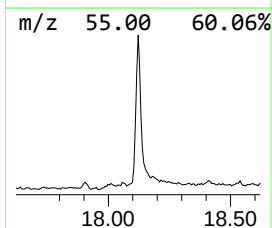
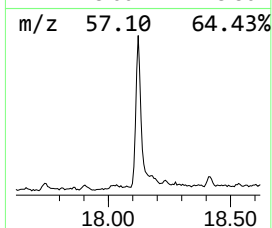
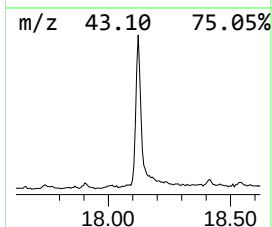
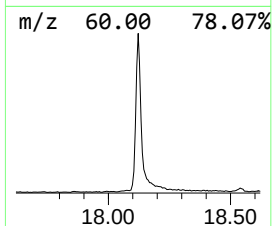
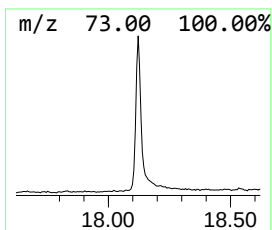
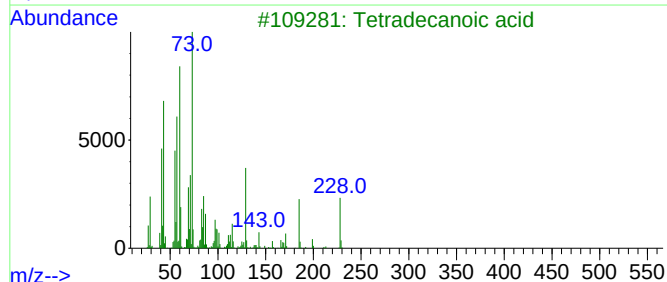
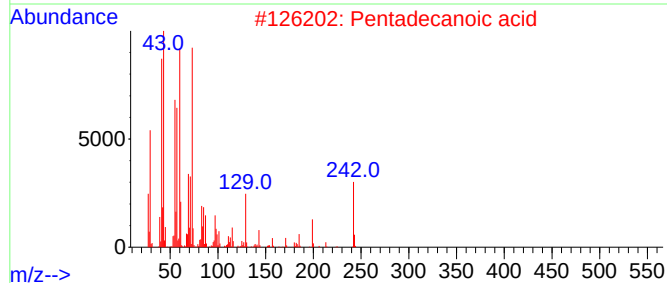
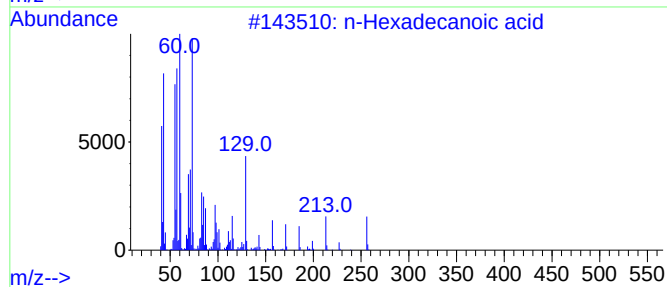
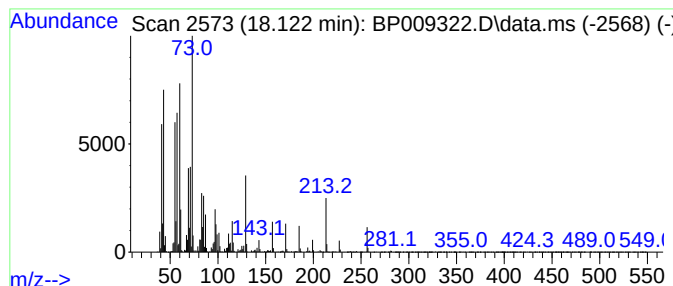
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 18.122 | 7.56 ng | 1802430 | Phenanthrene-d10 | 17.216 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 90   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 53   |



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Sample : N1851-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-34

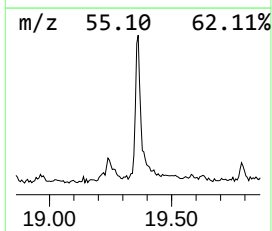
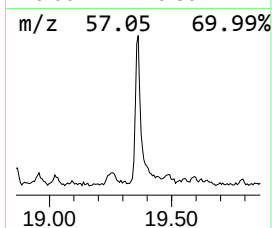
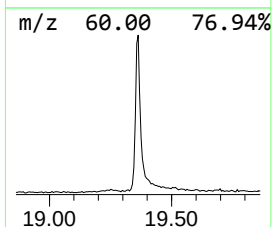
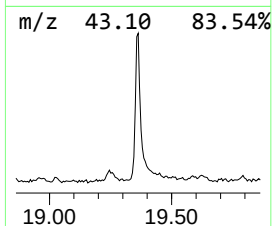
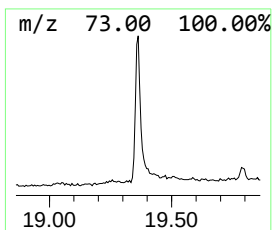
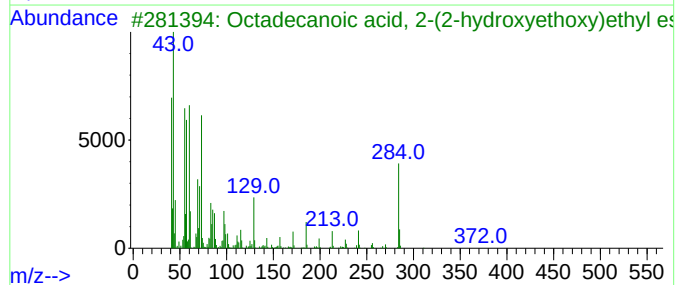
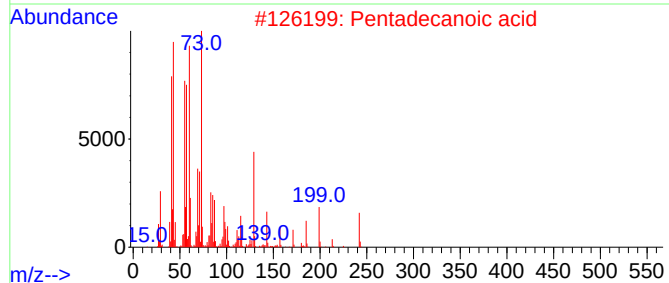
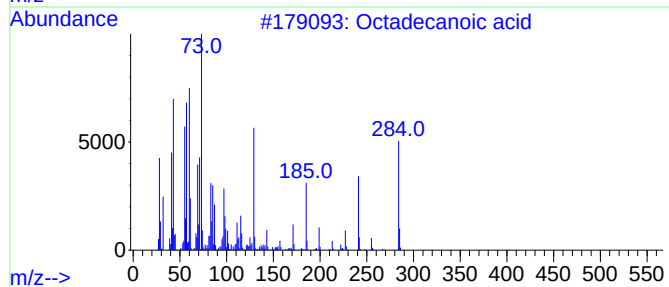
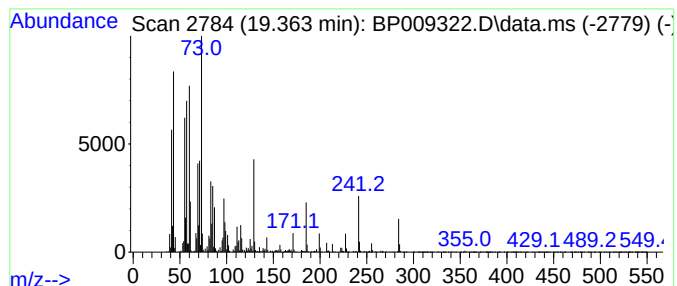
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 19.363 | 3.83 ng | 1413730 | Chrysene-d12     | 21.322 |

| 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 | 93   |
| 3    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 86   |
| 4    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 5    |    |   | Tridecanoic acid                    | 214 | C13H26O2 | 000638-53-9 | 64   |



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Sample : N1851-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-34

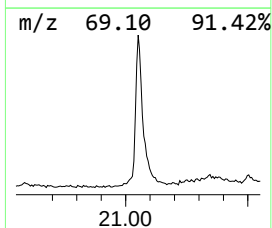
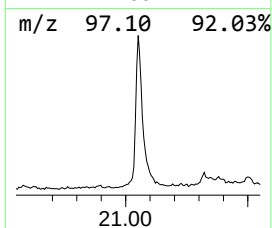
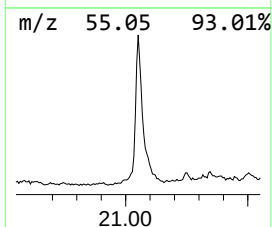
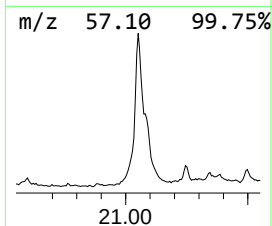
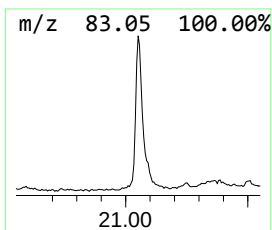
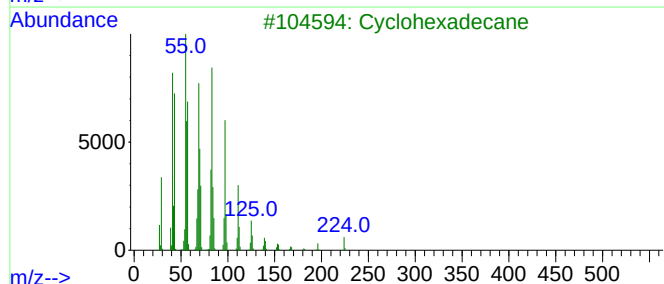
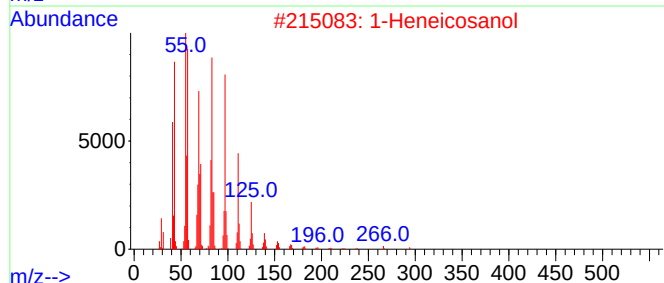
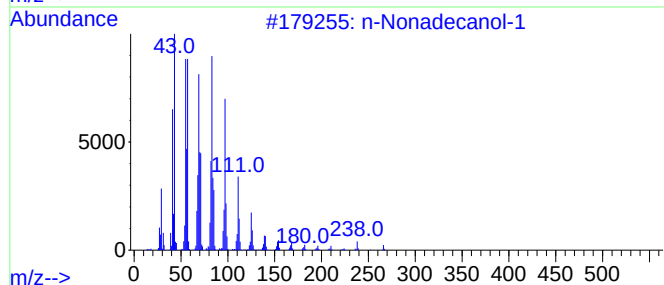
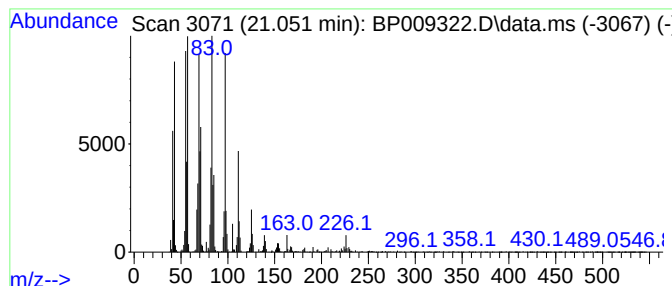
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 n-Nonadecanol-1 Concentration Rank 3

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 21.051 | 6.88 ng | 2539530 | Chrysene-d12     | 21.322 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | n-Nonadecanol-1                     | 284 | C19H40O    | 001454-84-8 | 95   |
| 2    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 95   |
| 3    |    |   | Cyclohexadecane                     | 224 | C16H32     | 000295-65-8 | 95   |
| 4    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94   |
| 5    |    |   | 1-Heptacosanol                      | 396 | C27H56O    | 002004-39-9 | 94   |



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BNA\_P  
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DUM-34

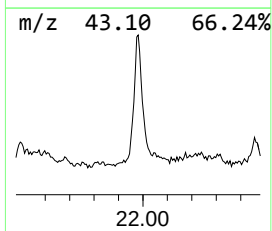
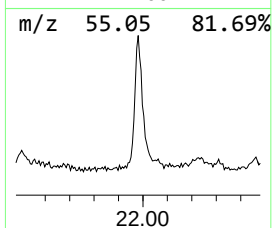
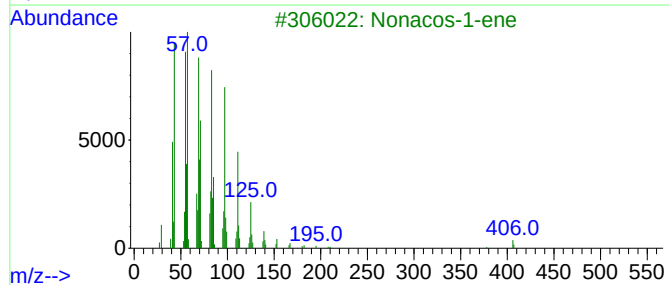
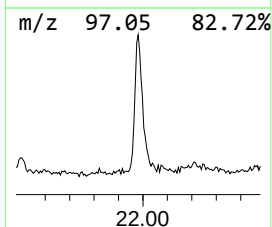
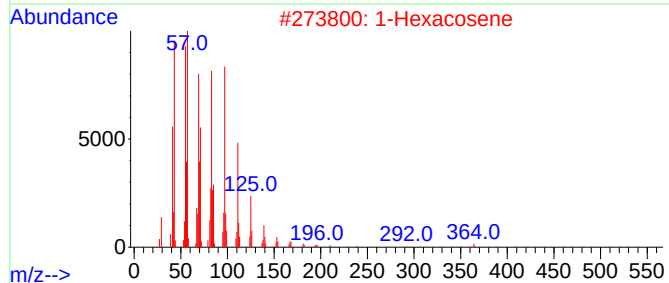
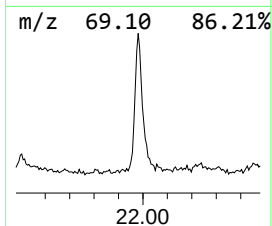
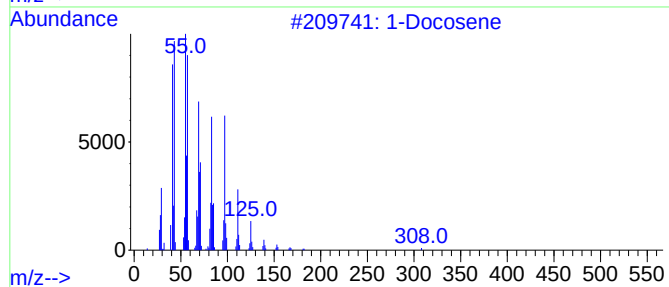
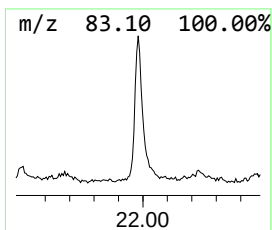
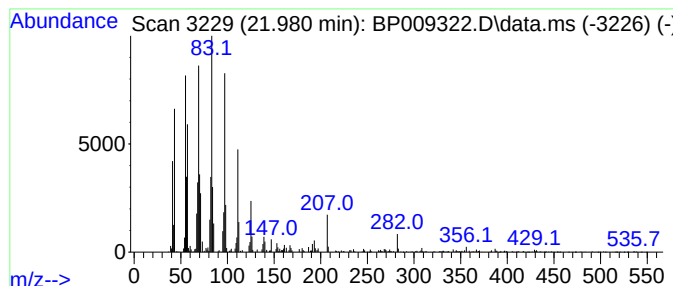
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 1-Docosene Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.980 | 2.25 ng | 832548 | Chrysene-d12     | 21.322 |

| Hit# | of               | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Docosene       |   |              | 308 | C22H44  | 001599-67-3 | 93   |
| 2    | 1-Hexacosene     |   |              | 364 | C26H52  | 018835-33-1 | 91   |
| 3    | Nonacos-1-ene    |   |              | 406 | C29H58  | 018835-35-3 | 91   |
| 4    | Cyclopentadecane |   |              | 210 | C15H30  | 000295-48-7 | 91   |
| 5    | Behenic alcohol  |   |              | 326 | C22H46O | 000661-19-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030922\  
Data File : BP009322.D  
Acq On : 09 Mar 2022 14:13  
Operator : CG/JU  
Sample : N1851-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-34

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.064  | 19.2    | ng    | 1332320  | 1                     | 7.816  | 1387560 | 20.0 |
| n-Hexadecanoic ... | 18.122 | 7.6     | ng    | 1802430  | 4                     | 17.216 | 4767520 | 20.0 |
| Octadecanoic acid  | 19.363 | 3.8     | ng    | 1413730  | 5                     | 21.322 | 7386680 | 20.0 |
| n-Nonadecanol-1    | 21.051 | 6.9     | ng    | 2539530  | 5                     | 21.322 | 7386680 | 20.0 |
| 1-Docosene         | 21.980 | 2.3     | ng    | 832548   | 5                     | 21.322 | 7386680 | 20.0 |