

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
 Data File : BP008955.D  
 Acq On : 27 Jan 2022 20:17  
 Operator : CG/JU  
 Sample : N1280-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RMR-OILY-DRUM

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-BP011422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008955.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         | 3.040       | 4             | 9           | 20           | rVB      | 349443         | 510560        | 1.17%           | 0.374%        |
| 2         | 5.417       | 407           | 413         | 438          | rBV      | 3011463        | 4919888       | 11.28%          | 3.604%        |
| 3         | 7.011       | 675           | 684         | 715          | rBV      | 2837285        | 5109498       | 11.72%          | 3.743%        |
| 4         | 7.828       | 816           | 823         | 833          | rBV      | 777621         | 1273628       | 2.92%           | 0.933%        |
| 5         | 8.987       | 1013          | 1020        | 1034         | rBV      | 1873104        | 3268536       | 7.50%           | 2.394%        |
| 6         | 10.628      | 1291          | 1299        | 1315         | rBV      | 980734         | 1749068       | 4.01%           | 1.281%        |
| 7         | 13.093      | 1710          | 1718        | 1733         | rBV      | 5587741        | 8513301       | 19.53%          | 6.236%        |
| 8         | 14.469      | 1943          | 1952        | 1964         | rBV      | 1532046        | 2435630       | 5.59%           | 1.784%        |
| 9         | 15.963      | 2199          | 2206        | 2226         | rBV      | 4254604        | 6522255       | 14.96%          | 4.778%        |
| 10        | 17.222      | 2414          | 2420        | 2430         | rBV      | 1827145        | 2797294       | 6.42%           | 2.049%        |
| 11        | 18.122      | 2568          | 2573        | 2581         | rBV      | 499157         | 751136        | 1.72%           | 0.550%        |
| 12        | 19.263      | 2756          | 2767        | 2777         | rBV      | 113420         | 514293        | 1.18%           | 0.377%        |
| 13        | 19.357      | 2779          | 2783        | 2788         | rBV      | 523294         | 766456        | 1.76%           | 0.561%        |
| 14        | 19.786      | 2850          | 2856        | 2868         | rVB      | 10164422       | 12533133      | 28.75%          | 9.181%        |
| 15        | 20.092      | 2904          | 2908        | 2912         | rVB      | 447682         | 479709        | 1.10%           | 0.351%        |
| 16        | 20.575      | 2987          | 2990        | 2994         | rBV      | 567874         | 595477        | 1.37%           | 0.436%        |
| 17        | 21.033      | 3064          | 3068        | 3072         | rBV      | 1415114        | 1880785       | 4.31%           | 1.378%        |
| 18        | 21.316      | 3111          | 3116        | 3125         | rBV      | 2559722        | 3382292       | 7.76%           | 2.478%        |
| 19        | 21.469      | 3138          | 3142        | 3149         | rVB      | 1037299        | 1280827       | 2.94%           | 0.938%        |
| 20        | 21.933      | 3216          | 3221        | 3231         | rBV      | 1315737        | 1891821       | 4.34%           | 1.386%        |
| 21        | 22.433      | 3301          | 3306        | 3316         | rVB      | 1605624        | 2305828       | 5.29%           | 1.689%        |
| 22        | 22.992      | 3396          | 3401        | 3406         | rVB      | 1691577        | 2677323       | 6.14%           | 1.961%        |
| 23        | 23.621      | 3503          | 3508        | 3516         | rVV      | 1731339        | 3033033       | 6.96%           | 2.222%        |
| 24        | 23.721      | 3520          | 3525        | 3536         | rVB2     | 1669179        | 3428117       | 7.86%           | 2.511%        |
| 25        | 24.163      | 3594          | 3600        | 3611         | rVB      | 1763105        | 3596779       | 8.25%           | 2.635%        |
| 26        | 24.357      | 3626          | 3633        | 3643         | rVB      | 1631885        | 3665046       | 8.41%           | 2.685%        |
| 27        | 25.204      | 3771          | 3777        | 3789         | rVB      | 1420080        | 3389485       | 7.77%           | 2.483%        |
| 28        | 26.204      | 3941          | 3947        | 3960         | rVB      | 1209501        | 3438391       | 7.89%           | 2.519%        |
| 29        | 27.010      | 4069          | 4084        | 4108         | rVB      | 11742811       | 43600322      | 100.00%         | 31.938%       |
| 30        | 28.233      | 4283          | 4292        | 4314         | rVB      | 1653667        | 6204268       | 14.23%          | 4.545%        |

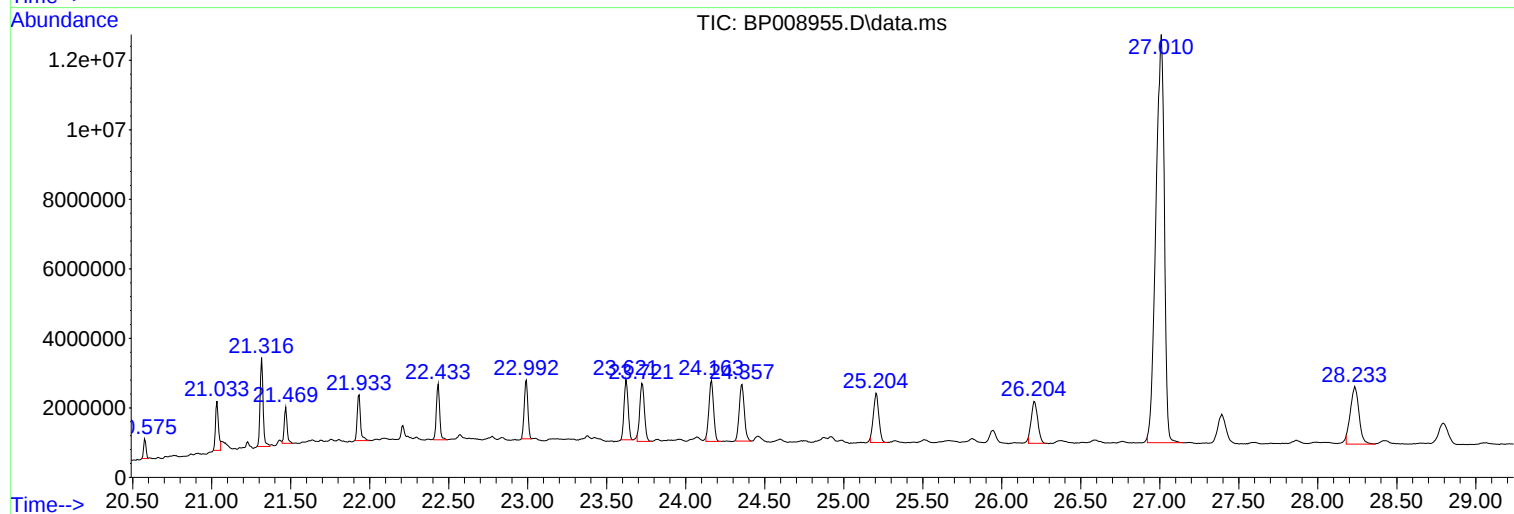
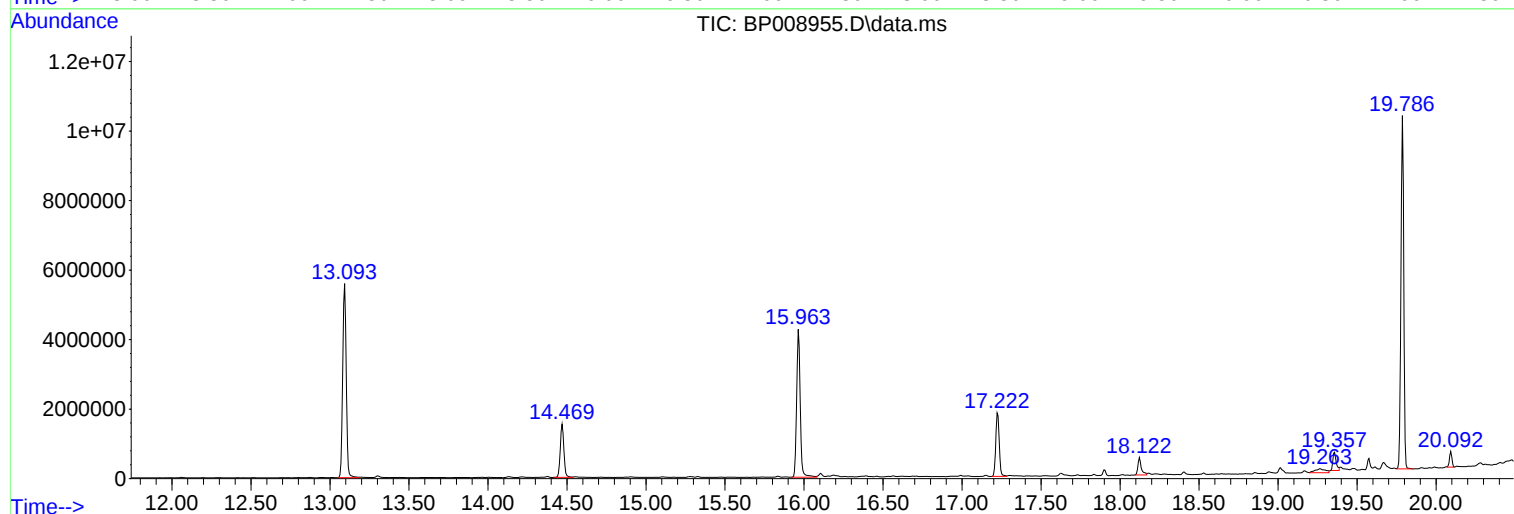
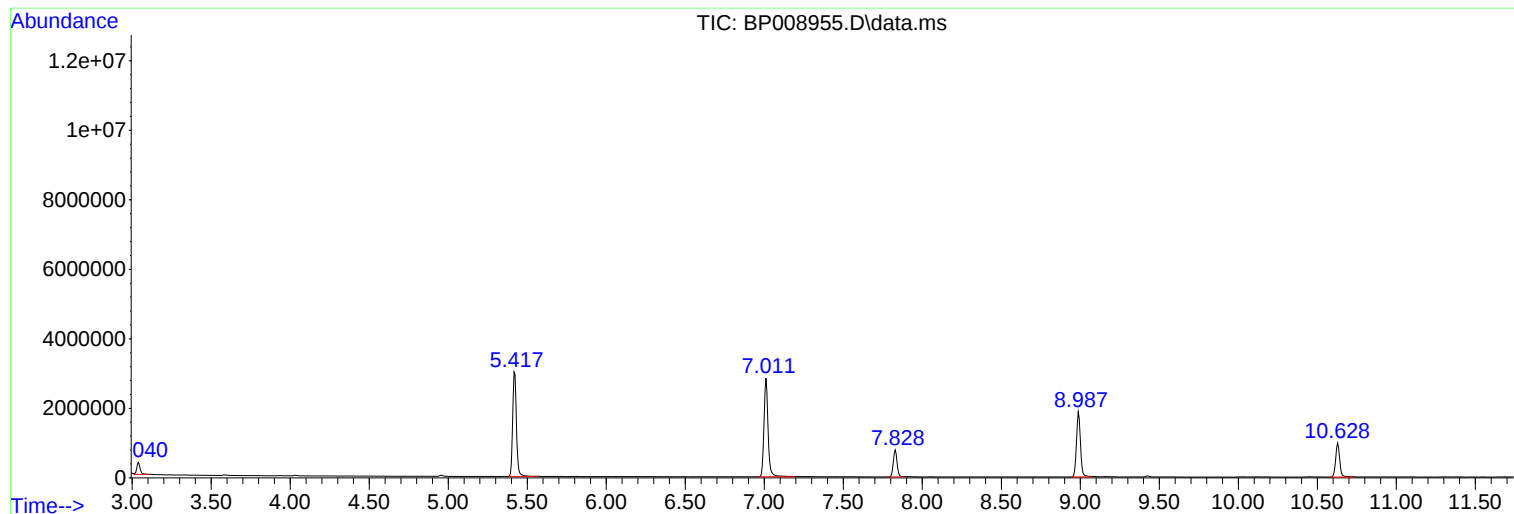
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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.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\BP012722\  
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Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

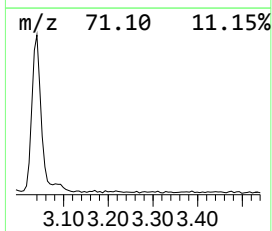
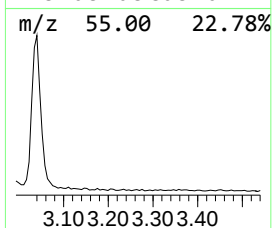
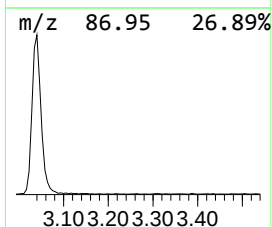
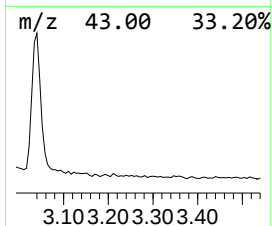
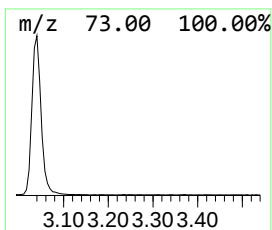
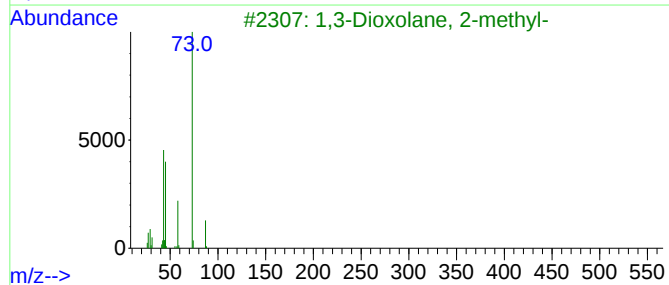
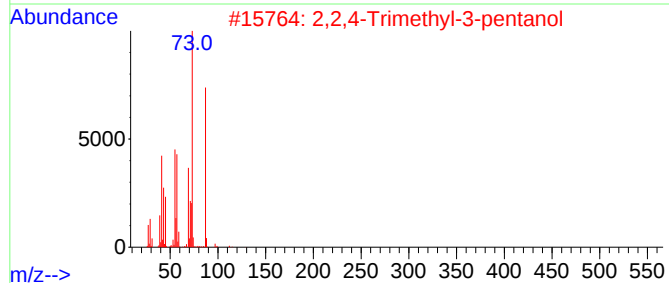
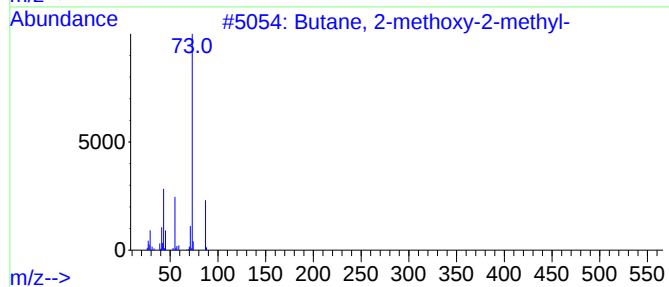
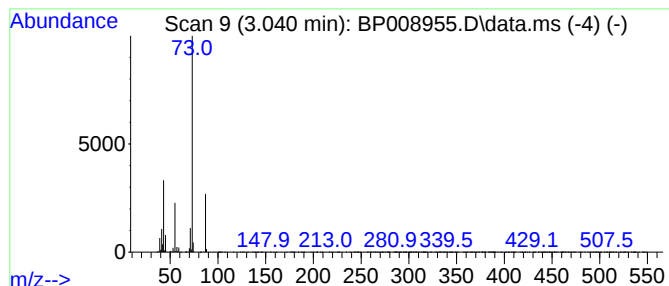
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 3.040 | 8.02 ng | 510560 | 1,4-Dichlorobenzene-d4 | 7.828 |

| 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 | 23   |
| 5    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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ALS Vial : 14 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

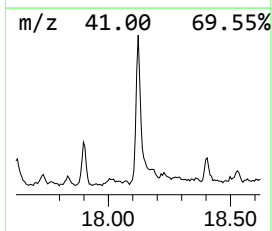
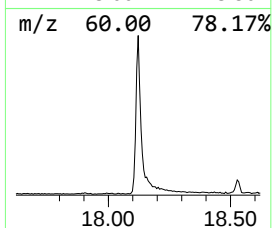
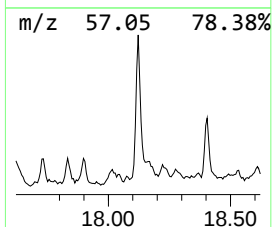
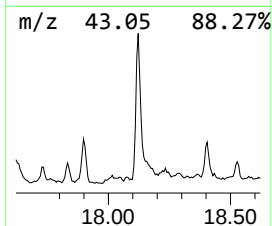
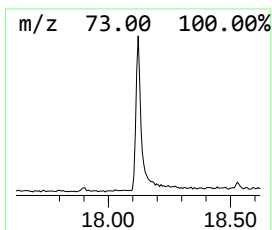
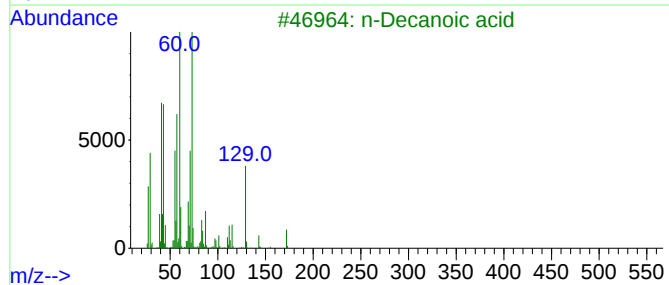
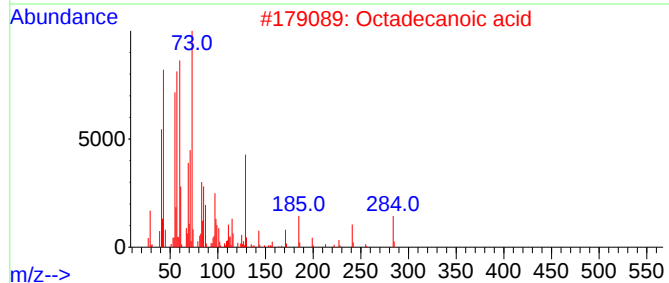
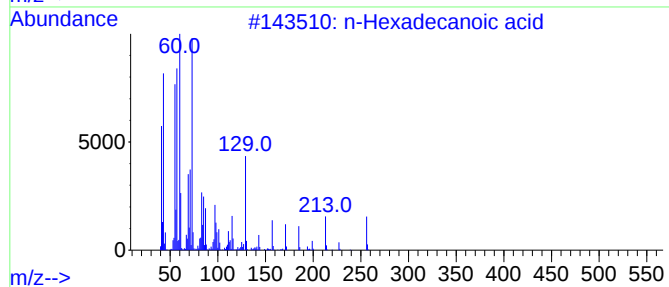
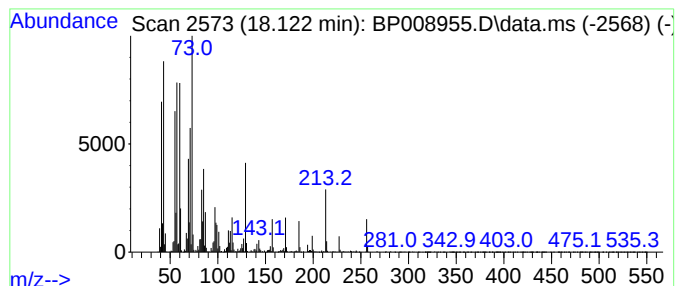
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.122 | 5.37 ng | 751136 | Phenanthrene-d10 | 17.222 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 76   |
| 3    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 70   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 70   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 68   |



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Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

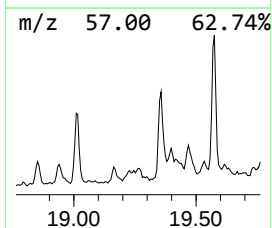
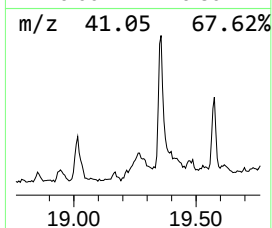
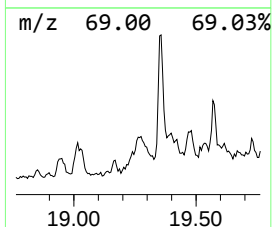
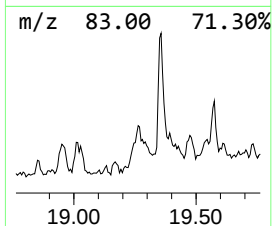
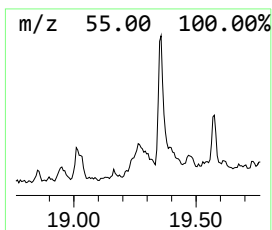
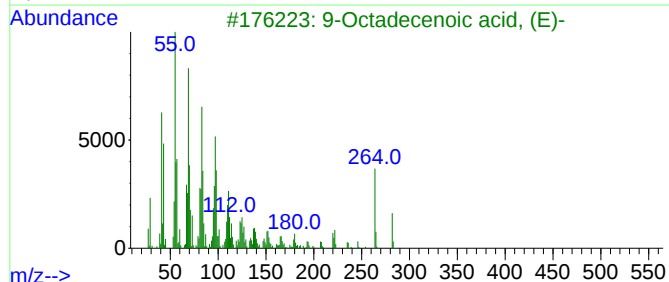
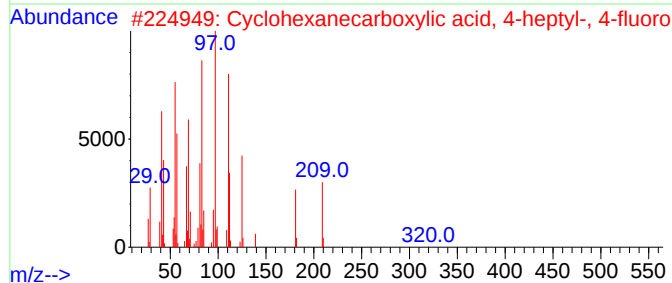
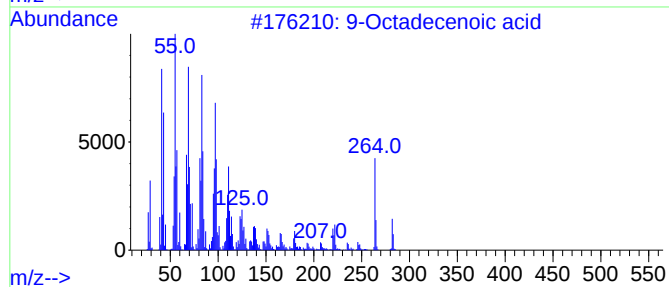
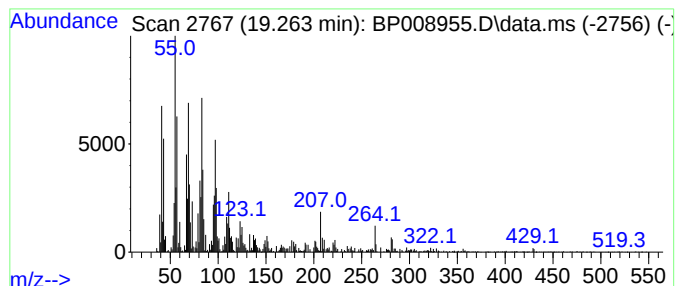
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 9-Octadecenoic acid Concentration Rank 16

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.263    | 3.68 ng                             | 514293 | Phenanthrene-d10 | 17.222      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 9-Octadecenoic acid                 | 282    | C18H34O2         | 002027-47-6 | 94   |
| 2         | Cyclohexanecarboxylic acid, 4-he... | 320    | C20H29FO2        | 079912-85-9 | 90   |
| 3         | 9-Octadecenoic acid, (E)-           | 282    | C18H34O2         | 000112-79-8 | 89   |
| 4         | cis-10-Nonadecenoic acid            | 296    | C19H36O2         | 073033-09-7 | 87   |
| 5         | 6-Octadecenoic acid, (Z)-           | 282    | C18H34O2         | 000593-39-5 | 87   |



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RMR-OILY-DRUM

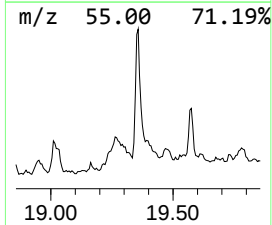
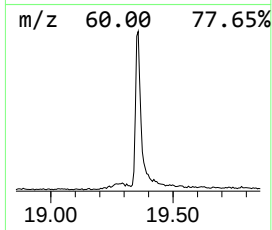
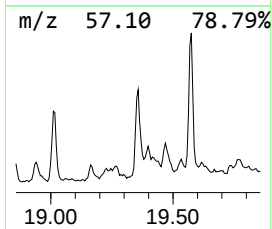
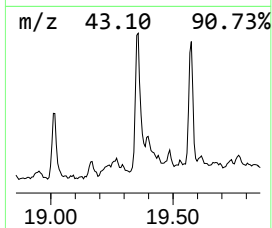
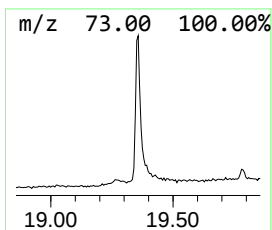
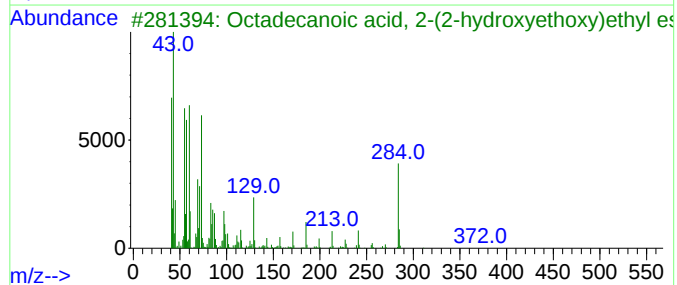
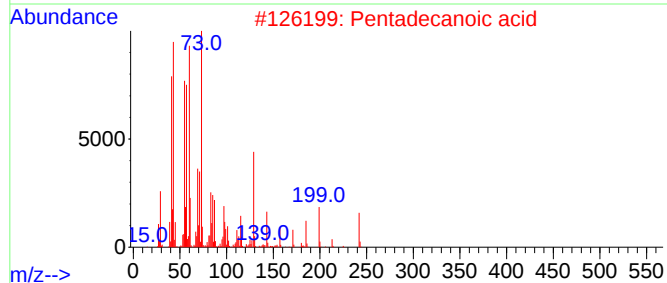
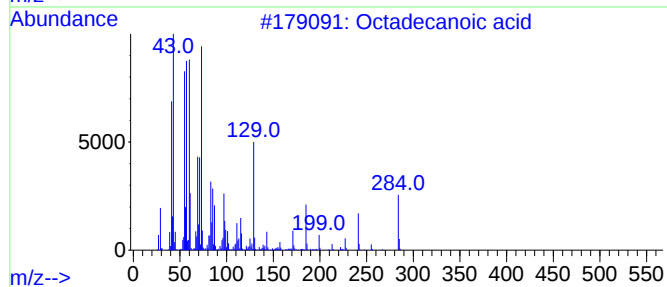
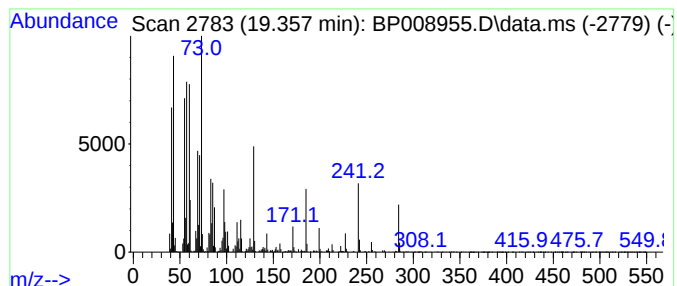
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Octadecanoic acid Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.357 | 4.53 ng | 766456 | Chrysene-d12     | 21.316 |

| 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 | 90   |
| 3    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 90   |
| 4    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 74   |
| 5    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 74   |



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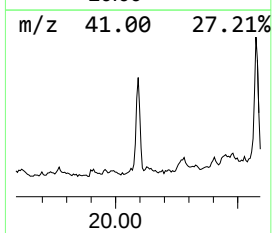
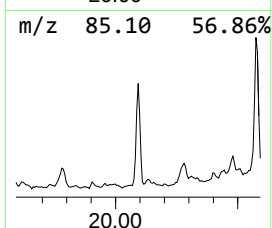
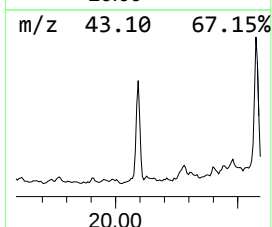
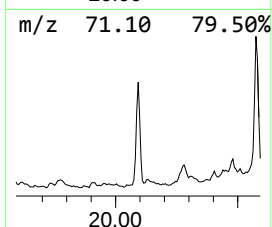
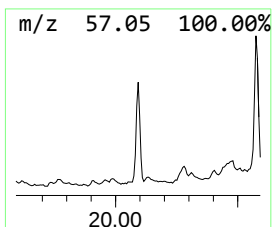
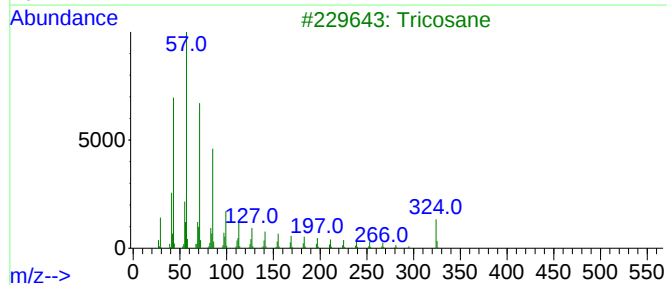
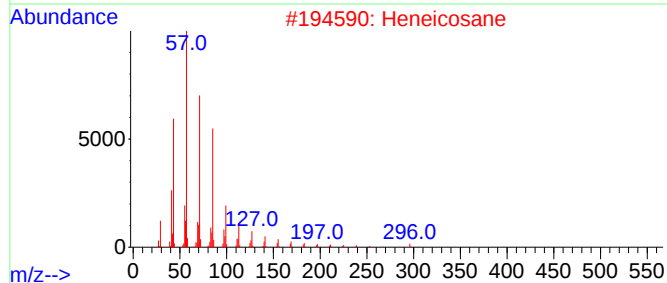
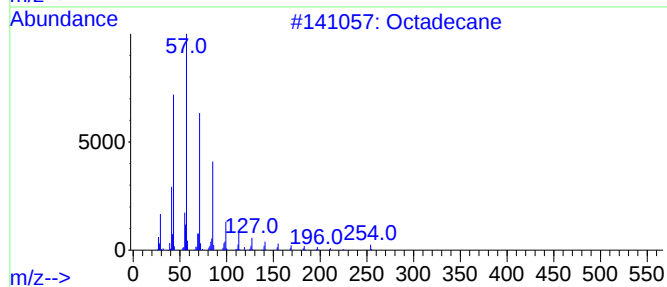
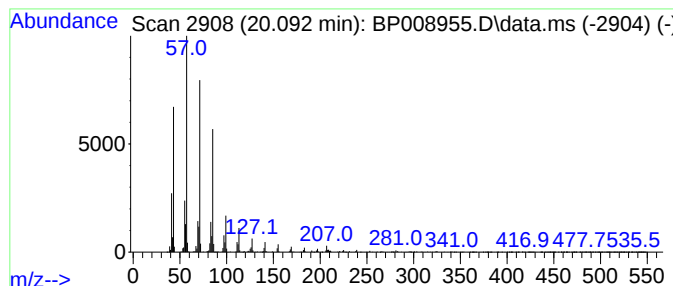
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Octadecane Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.092 | 2.84 ng | 479709 | Chrysene-d12     | 21.316 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane            | 254 | C18H38  | 000593-45-3 | 91   |
| 2    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Tricosane             | 324 | C23H48  | 000638-67-5 | 91   |
| 4    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 5    |    |   | Hexadecane, 1-iodo-   | 352 | C16H33I | 000544-77-4 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

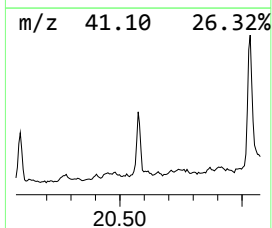
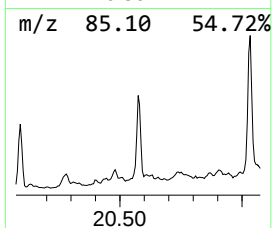
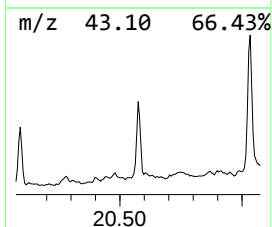
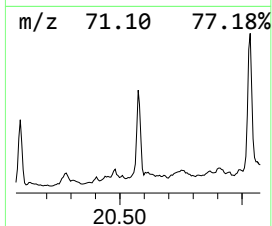
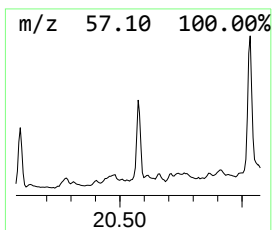
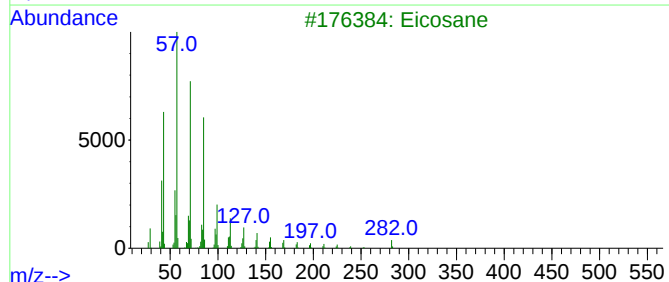
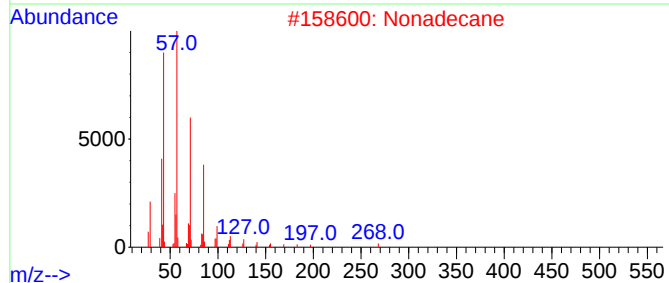
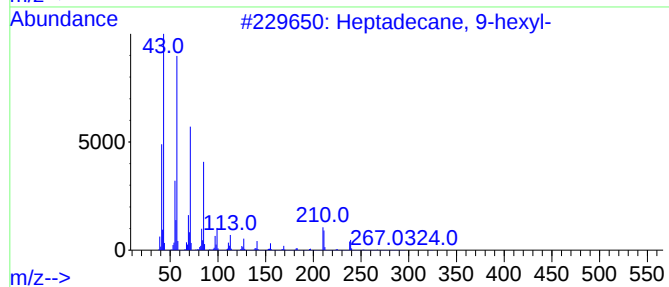
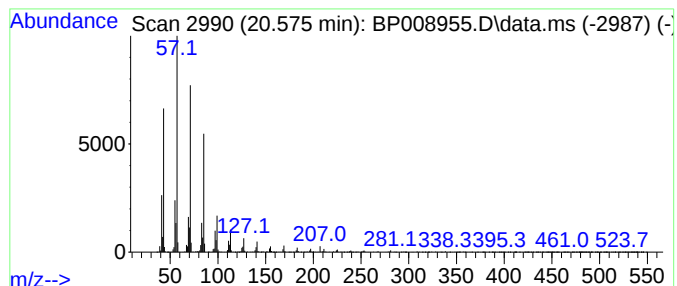
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Heptadecane, 9-hexyl- Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.575 | 3.52 ng | 595477 | Chrysene-d12     | 21.316 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|------|-----------------------|-----|---------|--------------|------|
| 1    |      | Heptadecane, 9-hexyl- | 324 | C23H48  | 055124-79-3  | 94   |
| 2    |      | Nonadecane            | 268 | C19H40  | 000629-92-5  | 91   |
| 3    |      | Eicosane              | 282 | C20H42  | 000112-95-8  | 91   |
| 4    |      | Hexacosane            | 366 | C26H54  | 000630-01-3  | 91   |
| 5    |      | Docosane, 1-iodo-     | 436 | C22H45I | 1000406-31-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

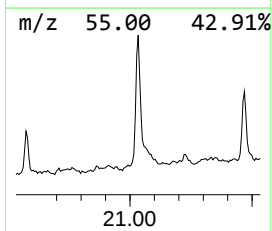
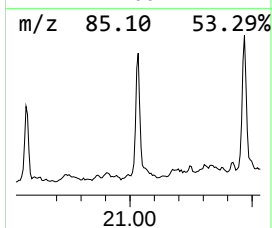
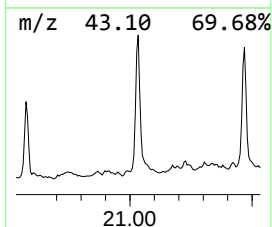
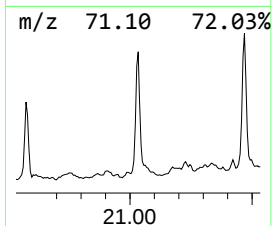
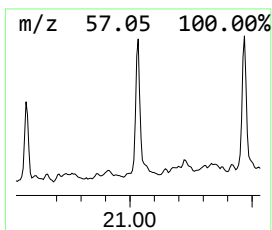
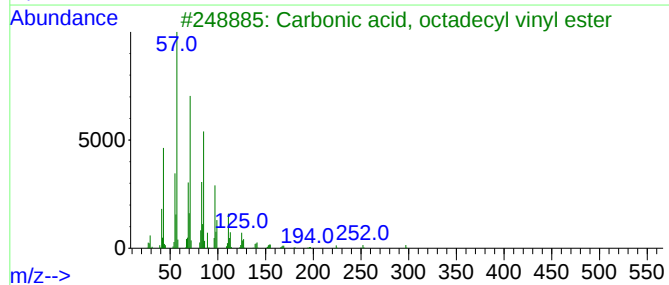
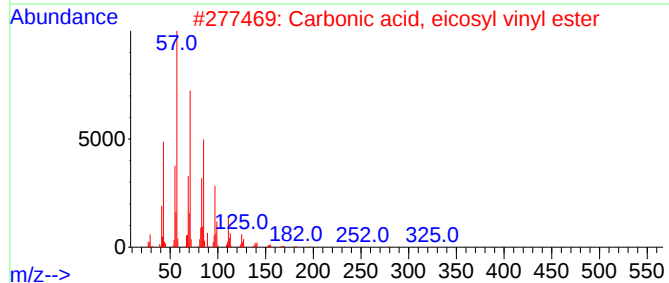
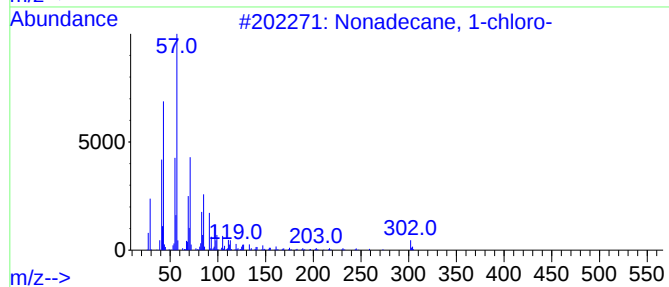
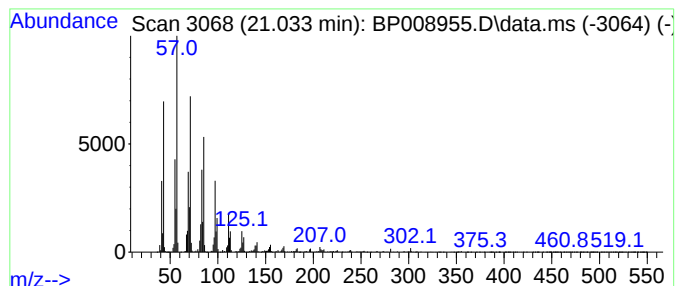
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Nonadecane, 1-chloro- Concentration Rank 11

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 21.033 | 11.12 ng | 1880790 | Chrysene-d12     | 21.316 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonadecane, 1-chloro-               | 302 | C19H39Cl | 062016-76-6  | 95   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 94   |
| 3    |    |   | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3 | 1000382-54-4 | 91   |
| 4    |    |   | Ethanol, 2-(octadecyloxy)-          | 314 | C20H42O2 | 002136-72-3  | 91   |
| 5    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

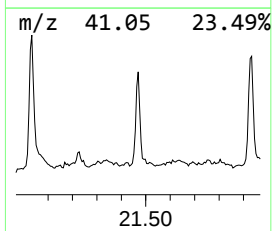
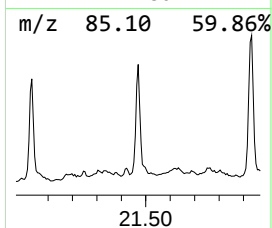
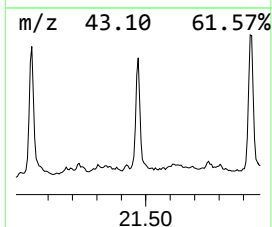
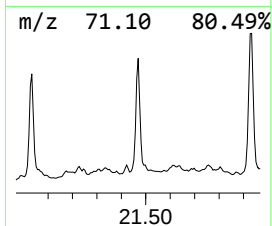
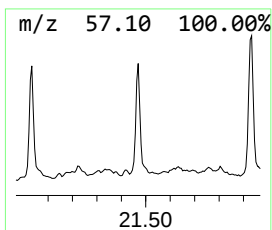
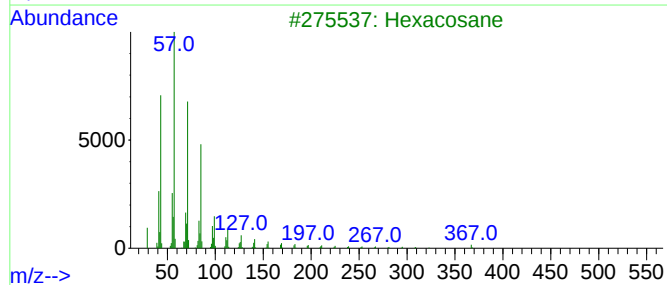
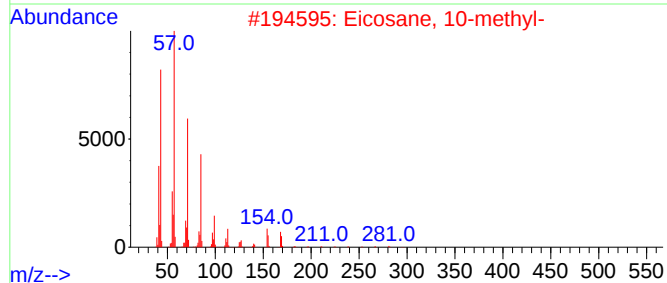
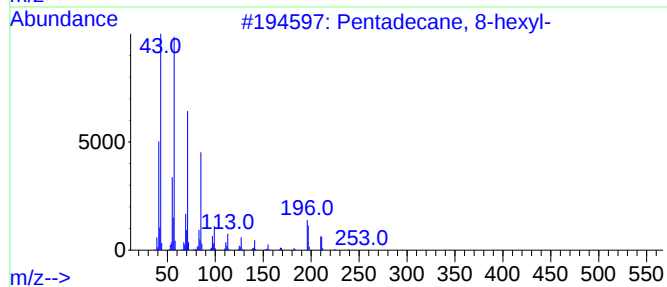
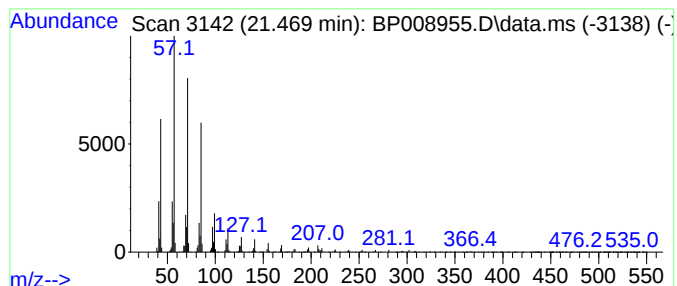
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 13

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 21.469 | 7.57 ng | 1280830 | Chrysene-d12     | 21.316 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 94   |
| 2    |    |   | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 91   |
| 3    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    |   | Triacontane           | 422 | C30H62  | 000638-68-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

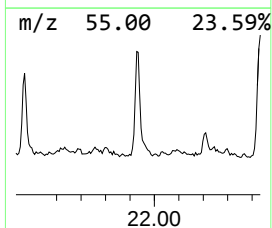
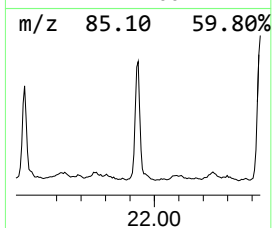
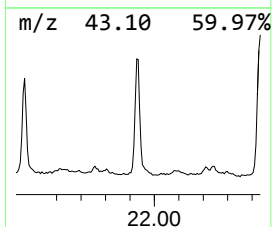
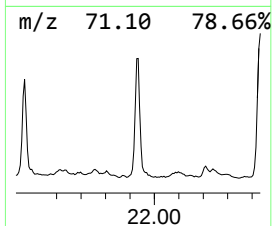
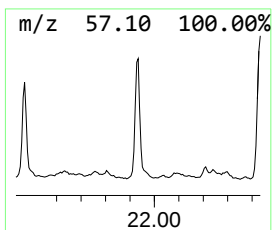
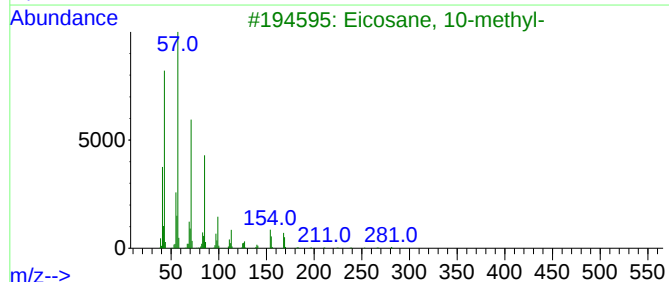
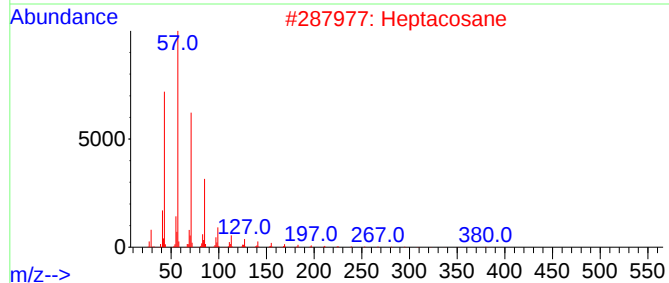
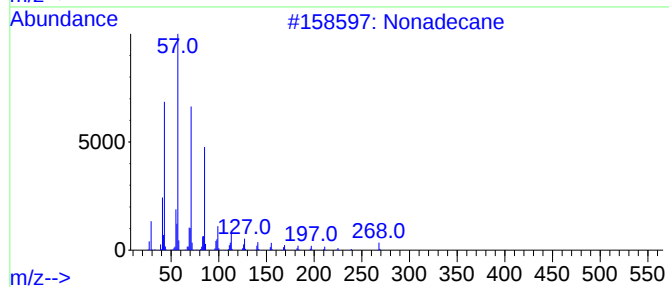
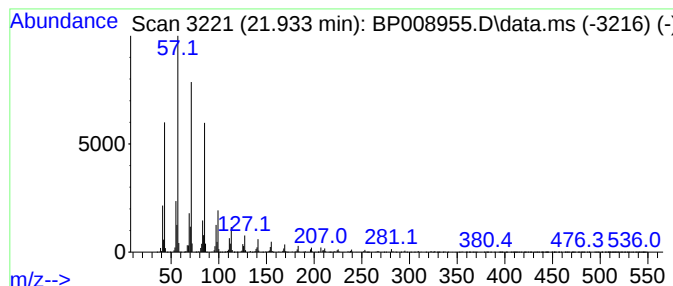
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Nonadecane Concentration Rank 10

| R.T.      | EstConc               | Area    | Relative to ISTD |         | R.T.         |      |
|-----------|-----------------------|---------|------------------|---------|--------------|------|
| 21.933    | 11.19 ng              | 1891820 | Chrysene-d12     |         | 21.316       |      |
| Hit# of 5 | Tentative ID          |         | MW               | MolForm | CAS#         | Qual |
| 1         | Nonadecane            |         | 268              | C19H40  | 000629-92-5  | 93   |
| 2         | Heptacosane           |         | 380              | C27H56  | 000593-49-7  | 93   |
| 3         | Eicosane, 10-methyl-  |         | 296              | C21H44  | 054833-23-7  | 93   |
| 4         | Octacosane, 2-methyl- |         | 408              | C29H60  | 001560-98-1  | 91   |
| 5         | Hexacosane, 1-iodo-   |         | 492              | C26H53I | 1000406-32-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

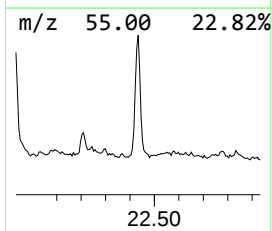
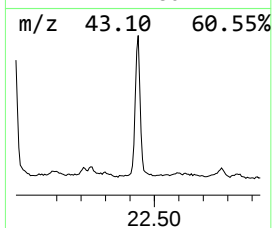
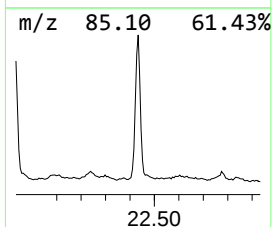
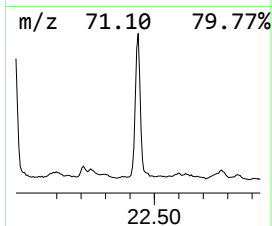
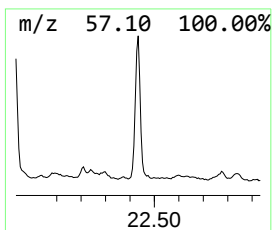
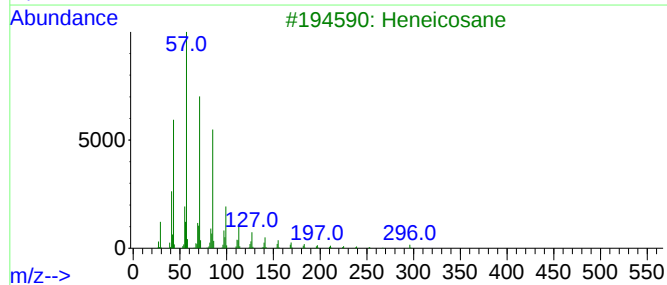
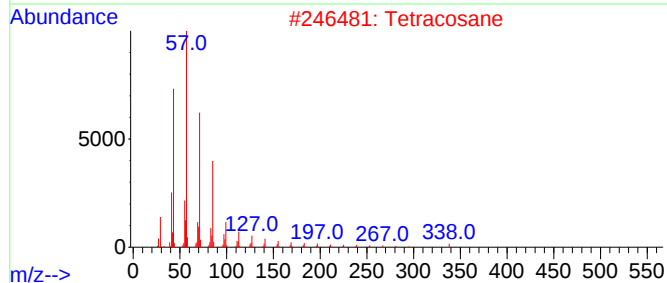
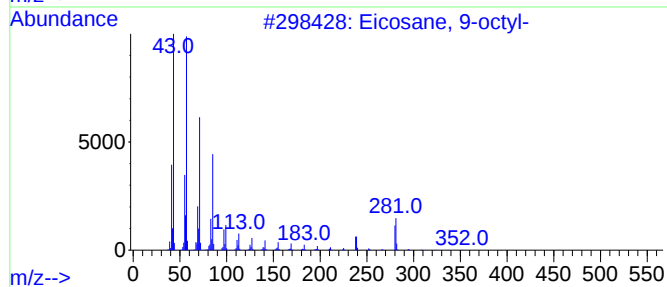
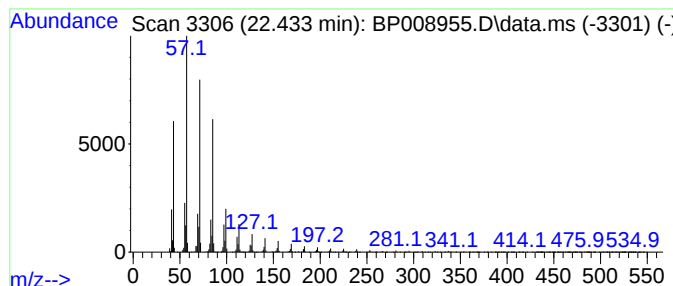
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Eicosane, 9-octyl- Concentration Rank 9

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 22.433 | 13.63 ng | 2305830 | Chrysene-d12     | 21.316 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------|-----|---------|--------------|------|
| 1    |    |   | Eicosane, 9-octyl-    | 394 | C28H58  | 013475-77-9  | 93   |
| 2    |    |   | Tetracosane           | 338 | C24H50  | 000646-31-1  | 93   |
| 3    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1  | 91   |
| 5    |    |   | Eicosane, 1-iodo-     | 408 | C20H41I | 1000406-31-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

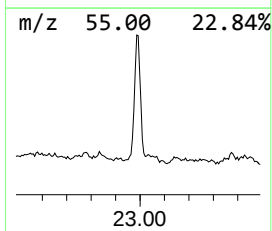
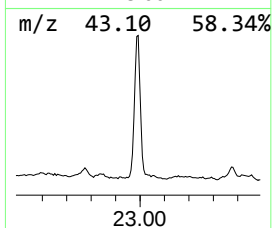
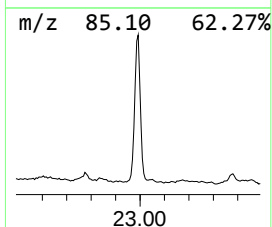
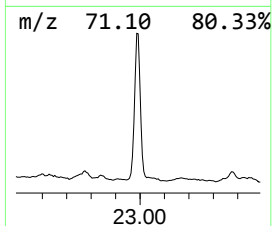
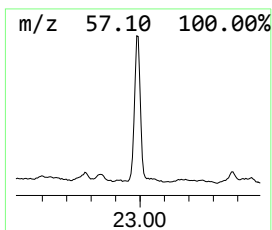
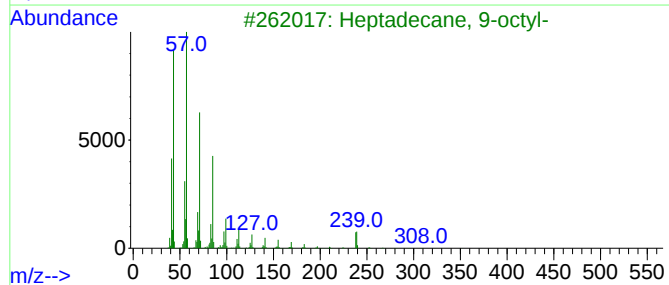
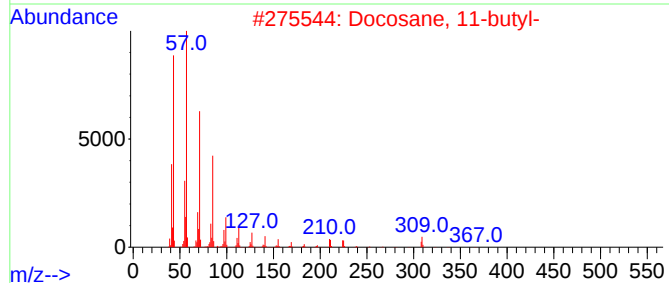
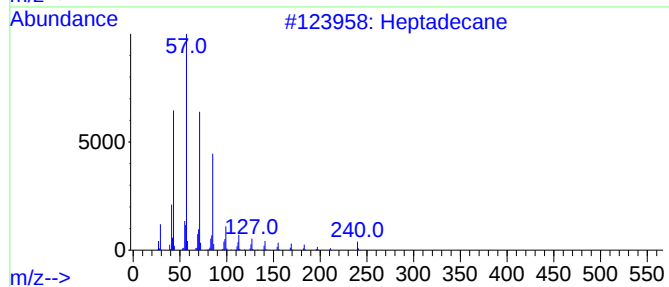
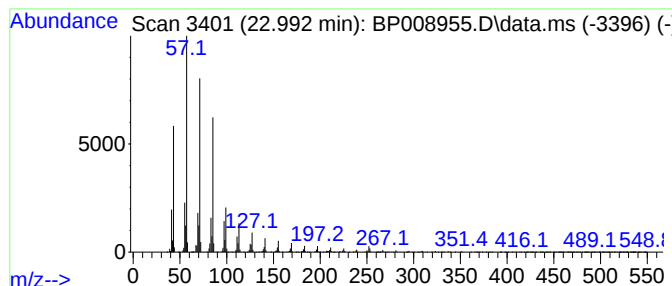
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Heptadecane Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 22.992 | 15.62 ng | 2677320 | Perylene-d12     | 23.721 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane             | 240 | C17H36  | 000629-78-7 | 94   |
| 2    |    |   | Docosane, 11-butyl-     | 366 | C26H54  | 013475-76-8 | 94   |
| 3    |    |   | Heptadecane, 9-octyl-   | 352 | C25H52  | 007225-64-1 | 93   |
| 4    |    |   | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 93   |
| 5    |    |   | Heneicosane             | 296 | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

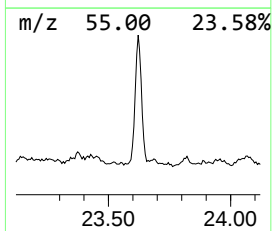
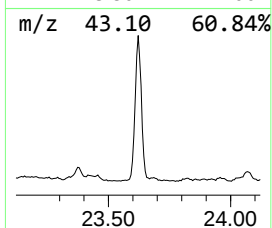
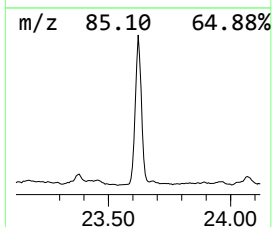
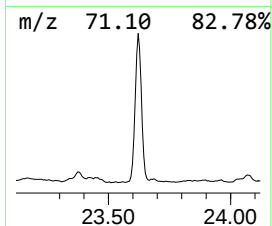
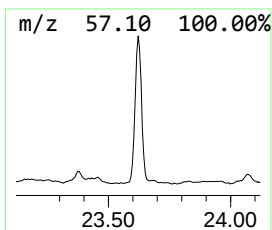
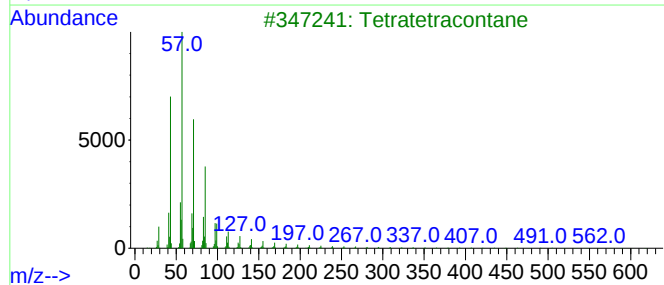
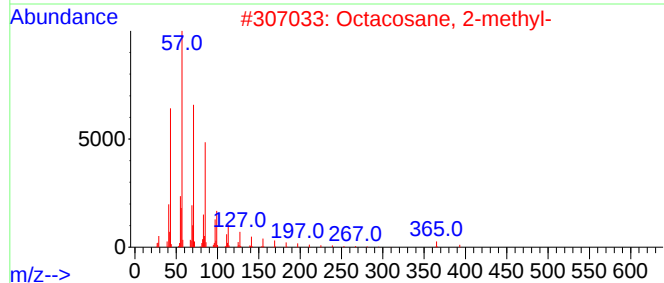
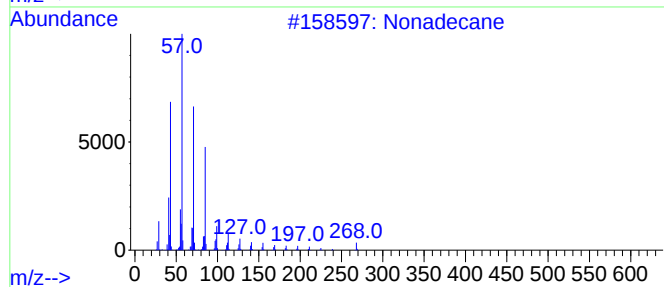
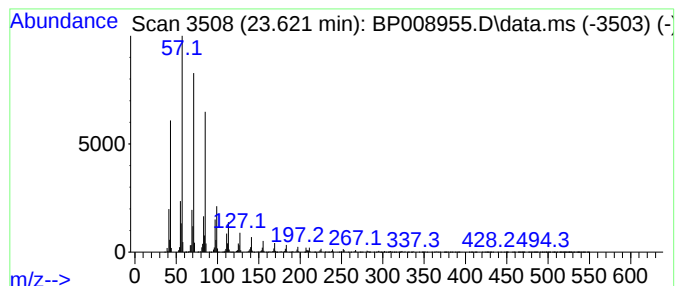
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Octacosane, 2-methyl- Concentration Rank 7

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 23.622 | 17.70 ng | 3033030 | Perylene-d12     | 23.721 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane            | 268 | C19H40  | 000629-92-5 | 94   |
| 2    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 3    |    |   | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 91   |
| 4    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    |   | 4-Methylheneicosane   | 310 | C22H46  | 025117-29-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

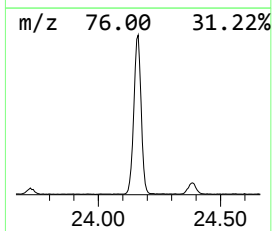
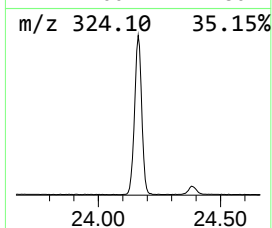
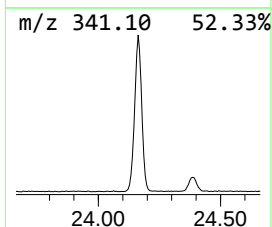
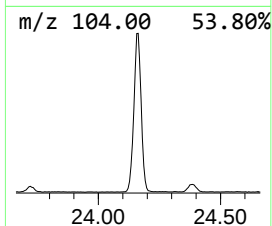
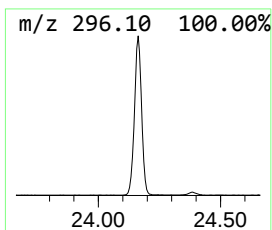
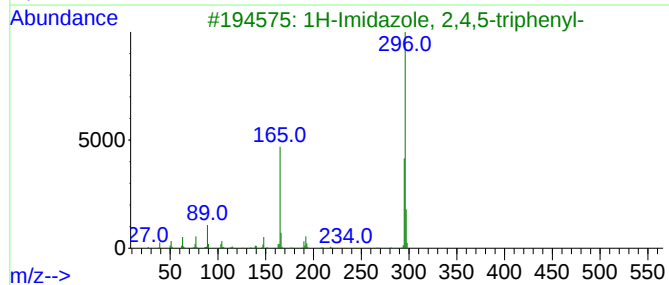
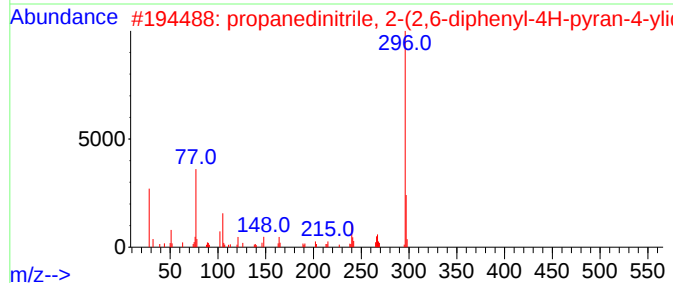
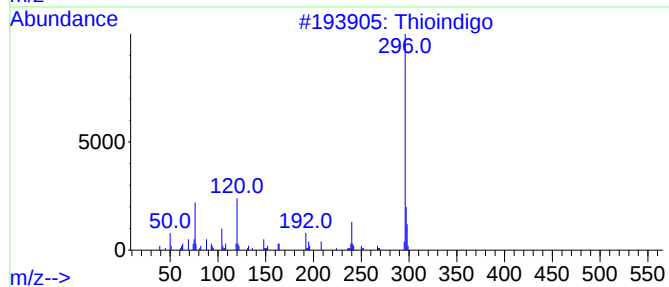
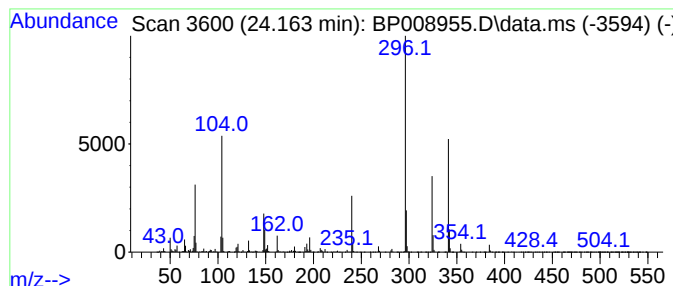
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 unknown24.163 Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 24.163 | 20.98 ng | 3596780 | Perylene-d12     | 23.721 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Thioindigo                           | 296 | C16H8O2S2  | 000522-75-8  | 38   |
| 2    |    |   | propanedinitrile, 2-(2,6-dipheny...  | 296 | C20H12N2O  | 1000402-09-2 | 27   |
| 3    |    |   | 1H-Imidazole, 2,4,5-triphenyl-       | 296 | C21H16N2   | 000484-47-9  | 27   |
| 4    |    |   | Pyrazol-5(4H)-one, 4-(2-fluoroph...  | 296 | C16H13FN4O | 125910-81-8  | 25   |
| 5    |    |   | Acetic acid, 2-[2-hydroxy(phenyl)... | 296 | C17H16N2O3 | 1000272-48-3 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

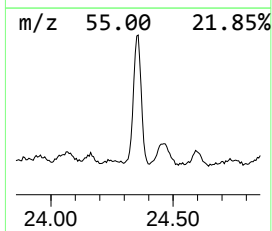
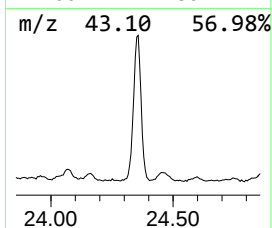
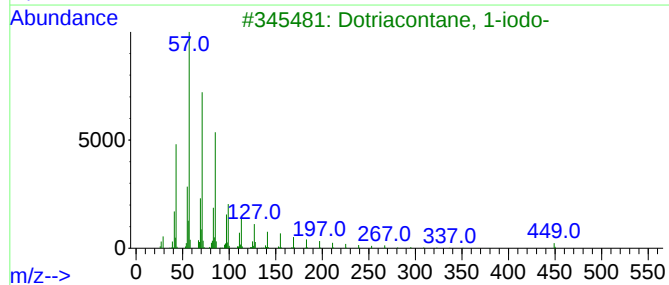
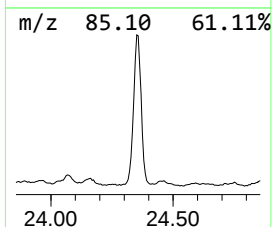
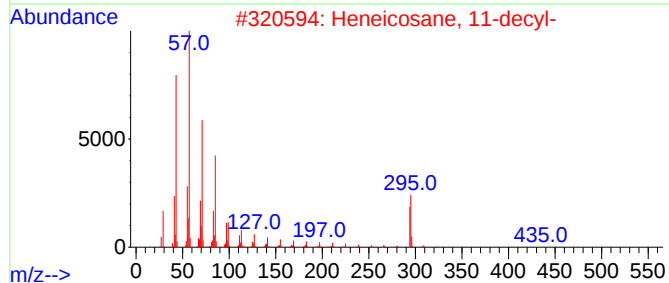
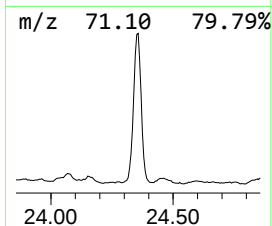
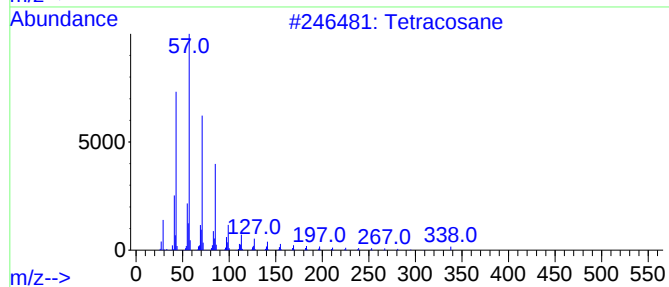
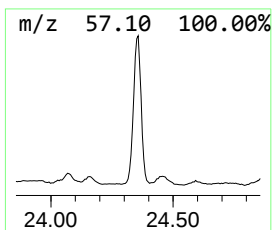
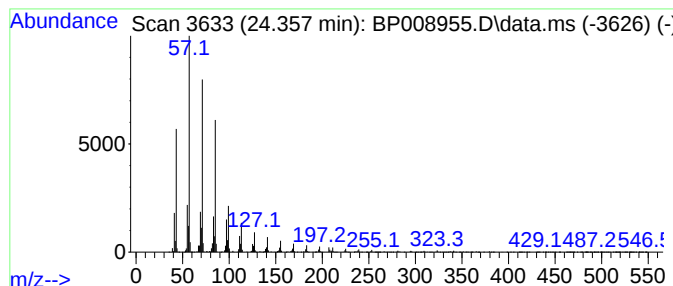
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 Tetracosane Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 24.357 | 21.38 ng | 3665050 | Perylene-d12     | 23.721 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Tetracosane            | 338 | C24H50  | 000646-31-1  | 96   |
| 2    |    |   | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4  | 95   |
| 3    |    |   | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91   |
| 4    |    |   | Hexacosane             | 366 | C26H54  | 000630-01-3  | 91   |
| 5    |    |   | Tetratetracontane      | 619 | C44H90  | 007098-22-8  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

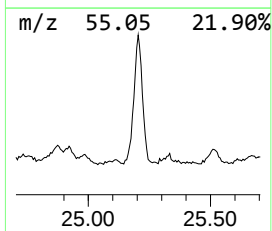
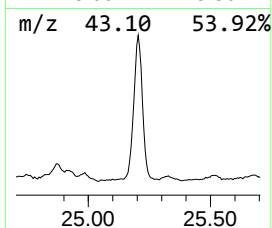
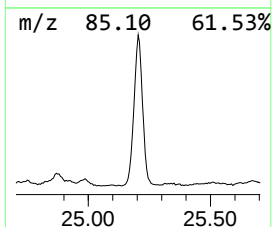
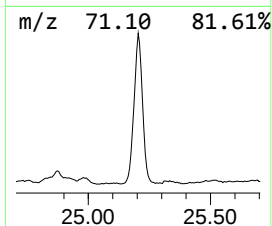
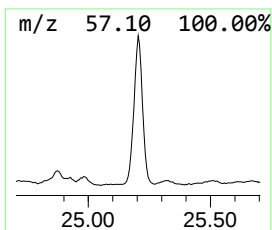
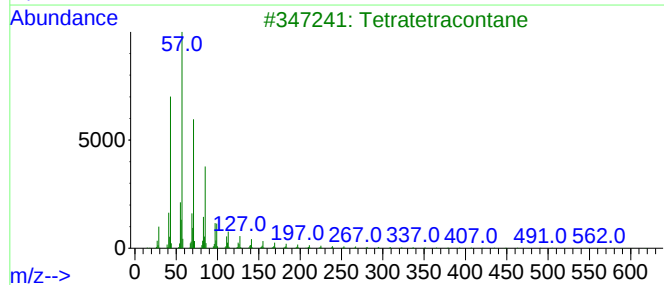
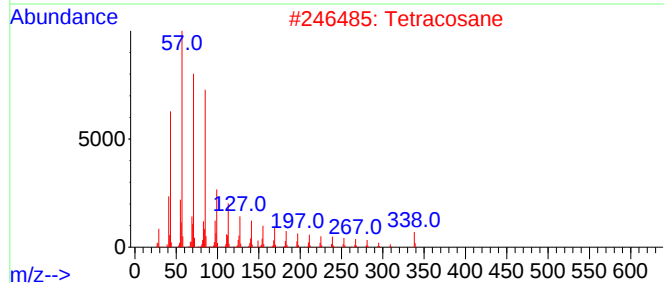
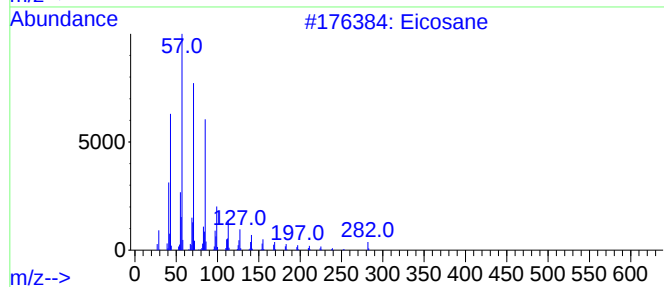
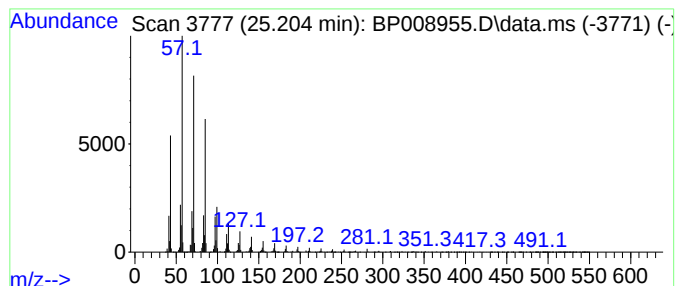
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TIC Integration Parameters: LSCINT.P

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Peak Number 15 Eicosane Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 25.204 | 19.77 ng | 3389490 | Perylene-d12     | 23.721 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane            | 282 | C20H42  | 000112-95-8 | 94   |
| 2    |    |   | Tetracosane         | 338 | C24H50  | 000646-31-1 | 93   |
| 3    |    |   | Tetratetracontane   | 619 | C44H90  | 007098-22-8 | 91   |
| 4    |    |   | Heneicosane         | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    |   | 4-Methylheneicosane | 310 | C22H46  | 025117-29-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

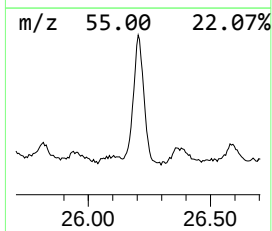
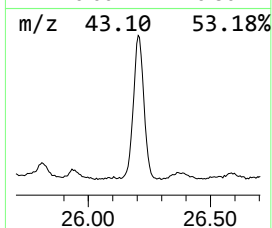
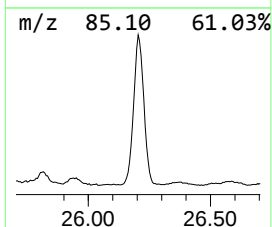
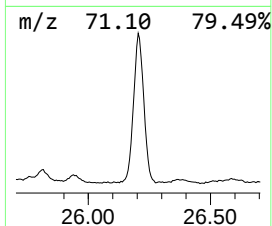
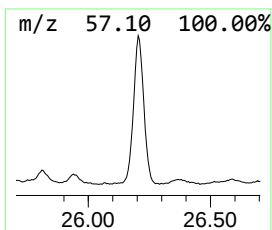
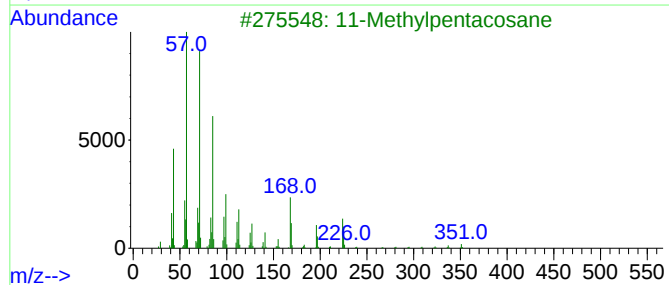
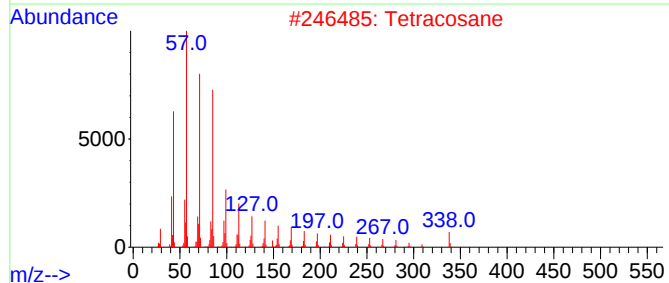
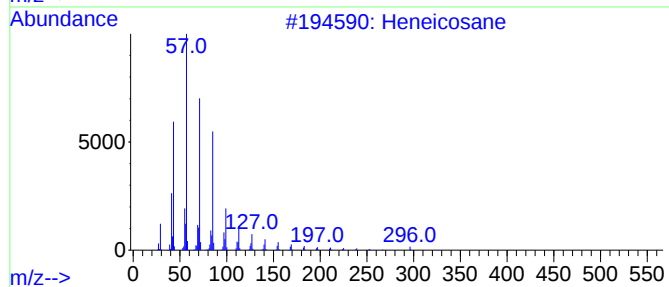
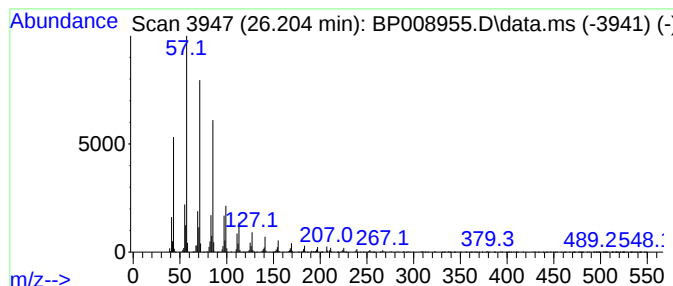
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TIC Integration Parameters: LSCINT.P

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Peak Number 16 Heneicosane Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 26.204 | 20.06 ng | 3438390 | Perylene-d12     | 23.721 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Heneicosane           | 296 | C21H44  | 000629-94-7 | 97   |
| 2    |      | Tetracosane           | 338 | C24H50  | 000646-31-1 | 94   |
| 3    |      | 11-Methylpentacosane  | 366 | C26H54  | 015689-71-1 | 94   |
| 4    |      | Nonacosane, 2-methyl- | 422 | C30H62  | 001560-75-4 | 94   |
| 5    |      | 13-Methylheptacosane  | 394 | C28H58  | 015689-72-2 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

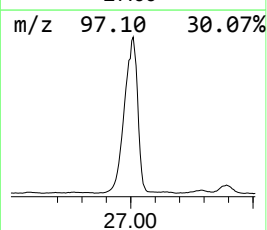
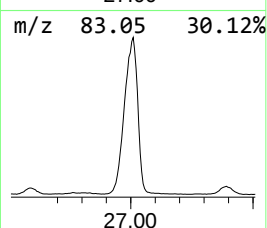
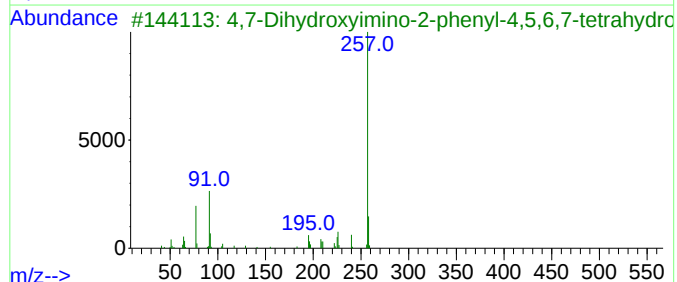
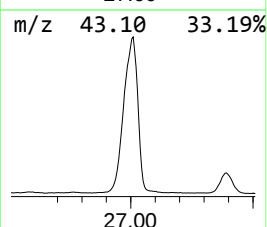
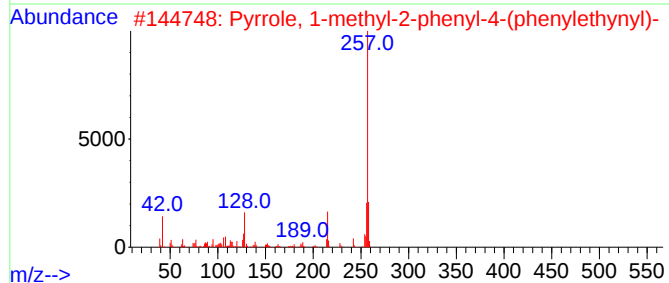
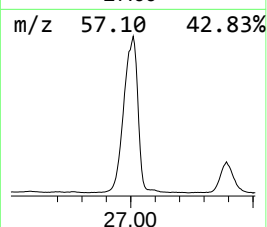
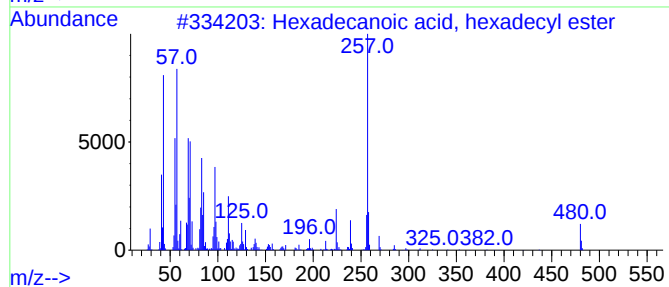
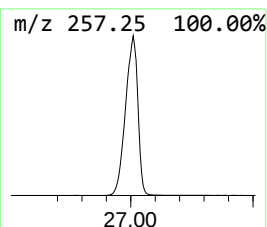
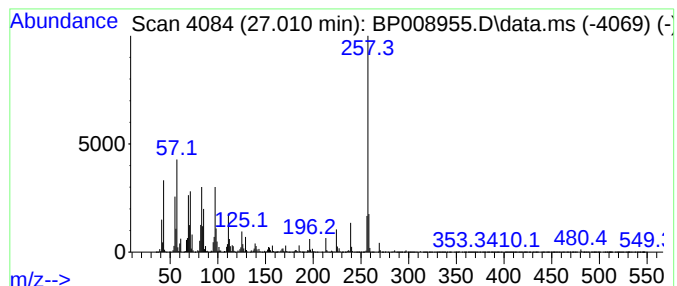
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Hexadecanoic acid, hexadecy... Concentration Rank 1

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 27.009 | 254.37 ng | 43600300 | Perylene-d12     | 23.721 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Hexadecanoic acid, hexadecyl ester  | 480 | C32H64O2   | 000540-10-3  | 96   |
| 2    |    |   | Pyrrole, 1-methyl-2-phenyl-4-(ph... | 257 | C19H15N    | 066463-26-1  | 43   |
| 3    |    |   | 4,7-Dihydroxyimino-2-phenyl-4,5,... | 257 | C12H11N5O2 | 330982-34-8  | 43   |
| 4    |    |   | Hexadecanoic acid, octyl ester      | 368 | C24H48O2   | 016958-85-3  | 40   |
| 5    |    |   | Methyl 2-thia-octadecanoate         | 316 | C18H36O2S  | 1000336-28-5 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
Data File : BP008955.D  
Acq On : 27 Jan 2022 20:17  
Operator : CG/JU  
Sample : N1280-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RMR-OILY-DRUM

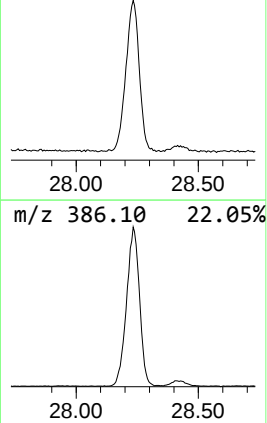
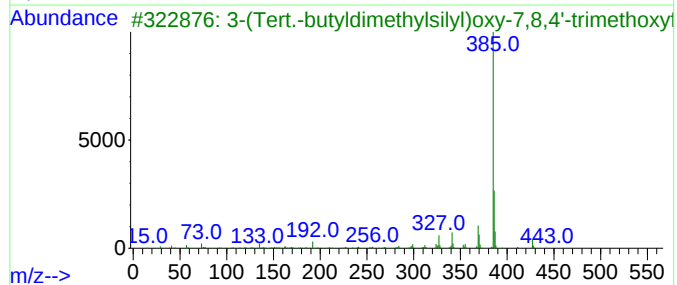
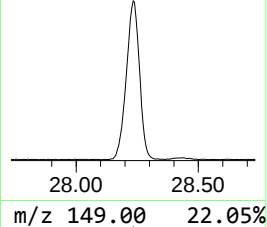
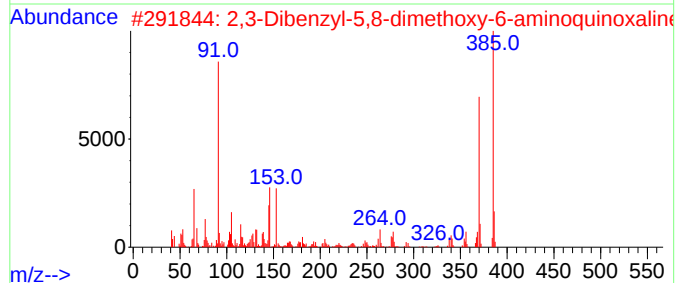
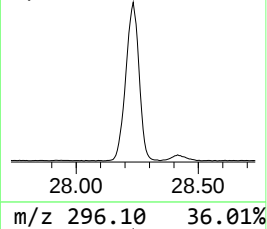
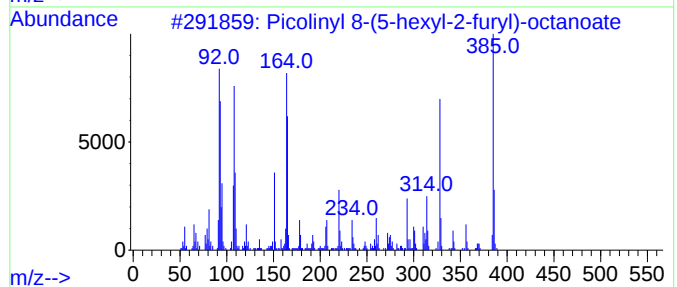
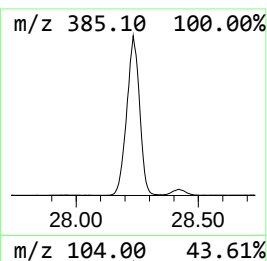
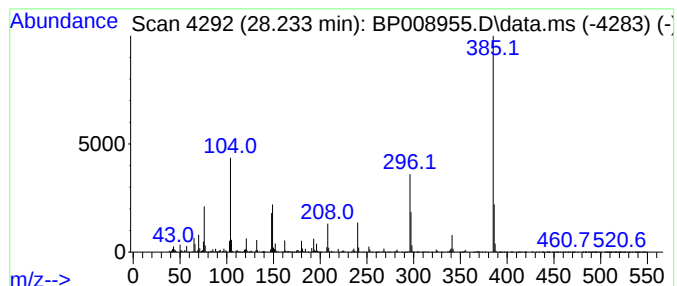
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 unknown28.233 Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 28.233 | 36.20 ng | 6204270 | Perylene-d12     | 23.721 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Picolinyl 8-(5-hexyl-2-furyl)-oc... | 385 | C24H35NO3   | 1000335-93-0 | 42   |
| 2    |    |   | 2,3-Dibenzyl-5,8-dimethoxy-6-ami... | 385 | C24H23N3O2  | 056393-28-3  | 17   |
| 3    |    |   | 3-(Tert.-butyldimethylsilyl)oxy-... | 442 | C24H30O6Si  | 1000454-18-6 | 16   |
| 4    |    |   | 2,2'-Dihydroxybenzophenone, bis(... | 442 | C25H38O3Si2 | 1000462-44-9 | 16   |
| 5    |    |   | 3-Hydroxy-6,3',4'-trimethoxyflav... | 400 | C21H24O6Si  | 1000448-94-7 | 16   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
 Data File : BP008955.D  
 Acq On : 27 Jan 2022 20:17  
 Operator : CG/JU  
 Sample : N1280-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RMR-OILY-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.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 |
| Butane, 2-metho... | 3.040  | 8.0     | ng    | 510560   | 1                     | 7.828  | 1273630 | 20.0 |
| n-Hexadecanoic ... | 18.122 | 5.4     | ng    | 751136   | 4                     | 17.222 | 2797290 | 20.0 |
| 9-Octadecenoic ... | 19.263 | 3.7     | ng    | 514293   | 4                     | 17.222 | 2797290 | 20.0 |
| Octadecanoic acid  | 19.357 | 4.5     | ng    | 766456   | 5                     | 21.316 | 3382290 | 20.0 |
| Octadecane         | 20.092 | 2.8     | ng    | 479709   | 5                     | 21.316 | 3382290 | 20.0 |
| Heptadecane, 9-... | 20.575 | 3.5     | ng    | 595477   | 5                     | 21.316 | 3382290 | 20.0 |
| Nonadecane, 1-C... | 21.033 | 11.1    | ng    | 1880790  | 5                     | 21.316 | 3382290 | 20.0 |
| Pentadecane, 8-... | 21.469 | 7.6     | ng    | 1280830  | 5                     | 21.316 | 3382290 | 20.0 |
| Nonadecane         | 21.933 | 11.2    | ng    | 1891820  | 5                     | 21.316 | 3382290 | 20.0 |
| Eicosane, 9-octyl- | 22.433 | 13.6    | ng    | 2305830  | 5                     | 21.316 | 3382290 | 20.0 |
| Heptadecane        | 22.992 | 15.6    | ng    | 2677320  | 6                     | 23.721 | 3428120 | 20.0 |
| Octacosane, 2-m... | 23.622 | 17.7    | ng    | 3033030  | 6                     | 23.721 | 3428120 | 20.0 |
| unknown24.163      | 24.163 | 21.0    | ng    | 3596780  | 6                     | 23.721 | 3428120 | 20.0 |
| Tetracosane        | 24.357 | 21.4    | ng    | 3665050  | 6                     | 23.721 | 3428120 | 20.0 |
| Eicosane           | 25.204 | 19.8    | ng    | 3389490  | 6                     | 23.721 | 3428120 | 20.0 |
| Heneicosane        | 26.204 | 20.1    | ng    | 3438390  | 6                     | 23.721 | 3428120 | 20.0 |
| Hexadecanoic ac... | 27.009 | 254.4   | ng    | 43600300 | 6                     | 23.721 | 3428120 | 20.0 |
| unknown28.233      | 28.233 | 36.2    | ng    | 6204270  | 6                     | 23.721 | 3428120 | 20.0 |