

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050721\  
 Data File : BP005459.D  
 Acq On : 07 May 2021 17:06  
 Operator : CG/JU  
 Sample : M2298-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CAL-AQIDW-20210504

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-BP050521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005459.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.293       | 368           | 375         | 384          | rBV2     | 85468          | 127752        | 9.88%           | 3.297%        |
| 2         | 6.899       | 642           | 648         | 661          | rBV      | 38399          | 70167         | 5.43%           | 1.811%        |
| 3         | 7.705       | 776           | 785         | 794          | rBV      | 40441          | 65952         | 5.10%           | 1.702%        |
| 4         | 8.875       | 976           | 984         | 994          | rBV      | 136743         | 225700        | 17.46%          | 5.826%        |
| 5         | 10.499      | 1252          | 1260        | 1273         | rBV      | 42578          | 74028         | 5.73%           | 1.911%        |
| 6         | 12.975      | 1674          | 1681        | 1691         | rBV      | 413883         | 572533        | 44.28%          | 14.778%       |
| 7         | 13.828      | 1821          | 1826        | 1833         | rBV2     | 10201          | 16087         | 1.24%           | 0.415%        |
| 8         | 14.351      | 1909          | 1915        | 1923         | rBV      | 68398          | 101401        | 7.84%           | 2.617%        |
| 9         | 15.851      | 2163          | 2170        | 2189         | rBV      | 428624         | 627406        | 48.53%          | 16.194%       |
| 10        | 17.104      | 2377          | 2383        | 2391         | rBV      | 91777          | 139256        | 10.77%          | 3.594%        |
| 11        | 18.004      | 2529          | 2536        | 2546         | rBV4     | 19828          | 32929         | 2.55%           | 0.850%        |
| 12        | 19.675      | 2814          | 2820        | 2828         | rBV      | 1103565        | 1292941       | 100.00%         | 33.372%       |
| 13        | 20.916      | 3027          | 3031        | 3040         | rBV5     | 30780          | 54287         | 4.20%           | 1.401%        |
| 14        | 21.204      | 3075          | 3080        | 3088         | rBV      | 166796         | 220915        | 17.09%          | 5.702%        |
| 15        | 23.516      | 3468          | 3473        | 3481         | rVB      | 128211         | 252918        | 19.56%          | 6.528%        |

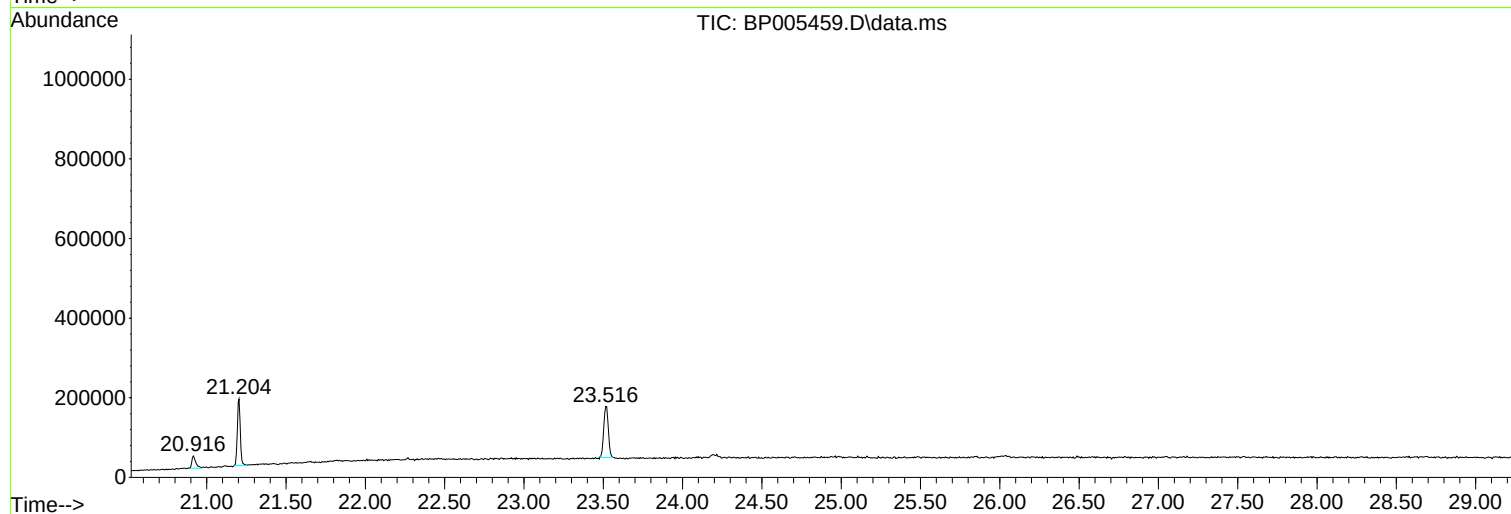
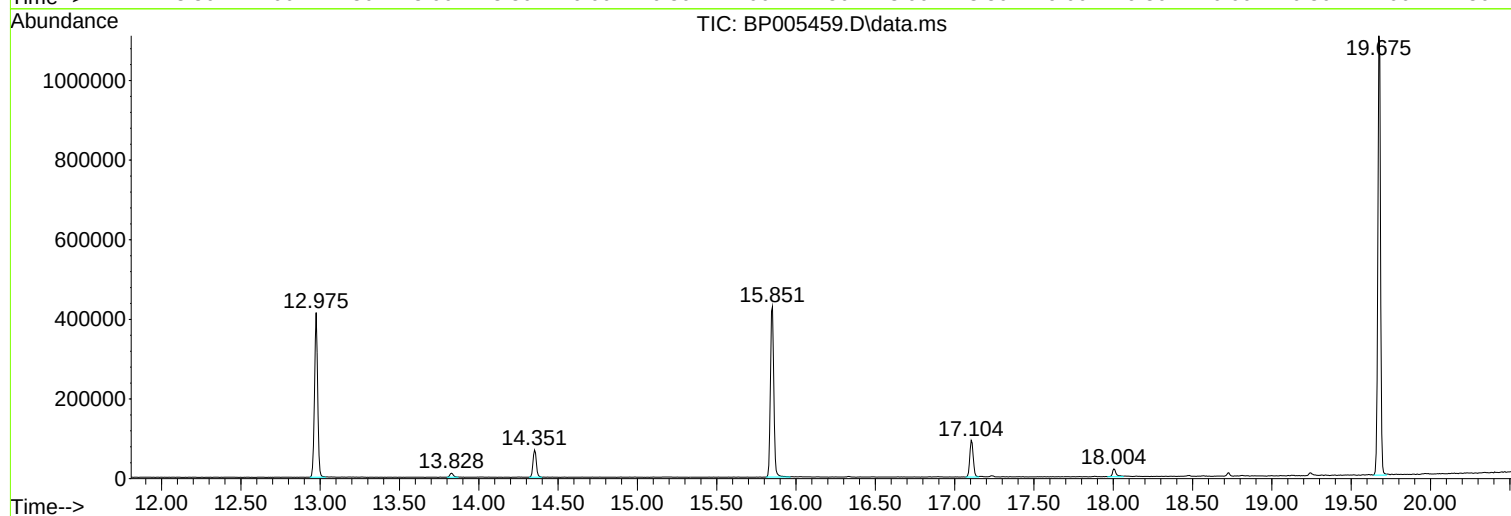
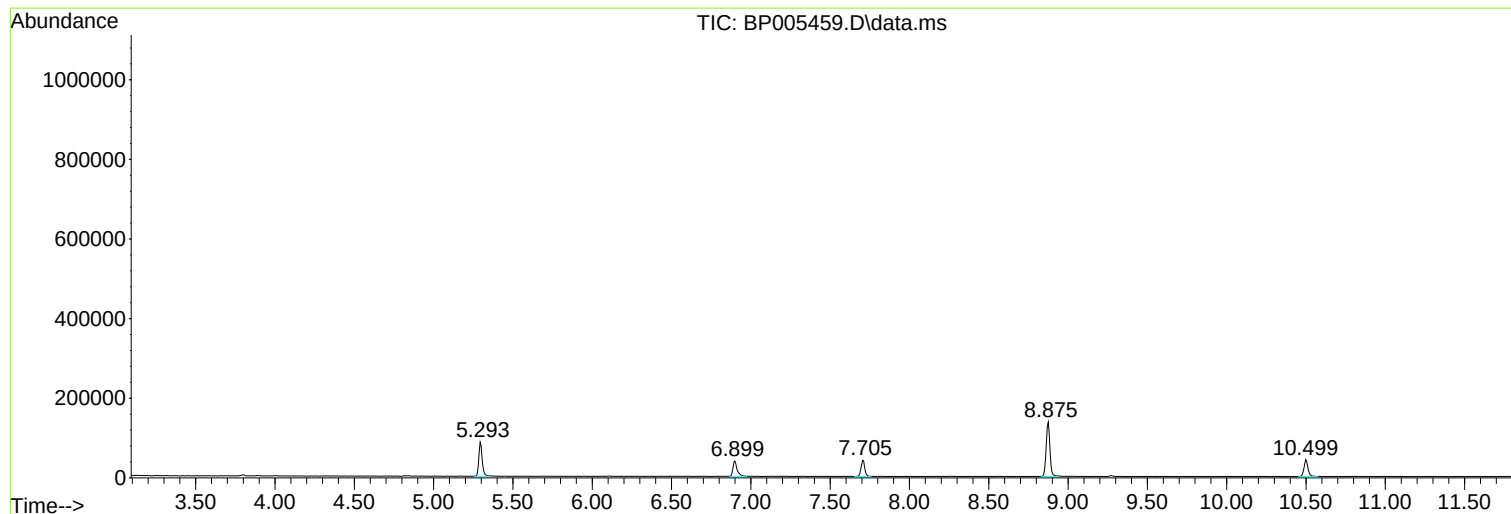
Sum of corrected areas: 3874272

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.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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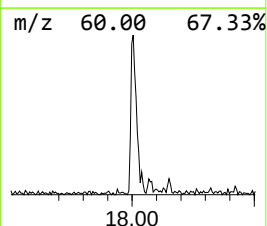
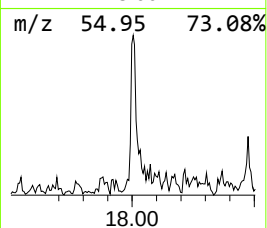
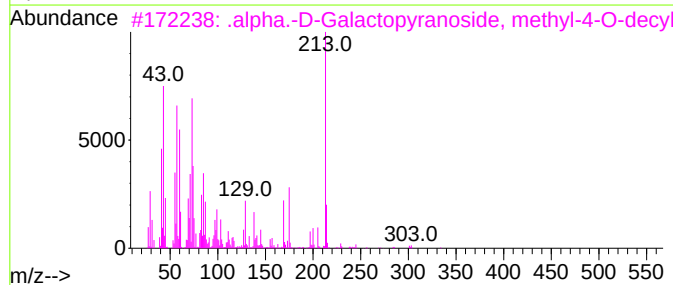
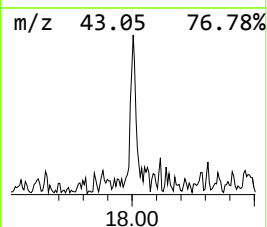
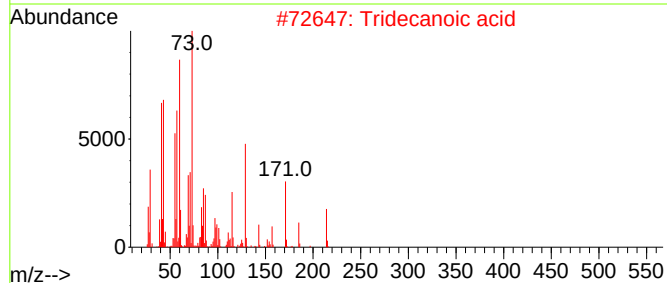
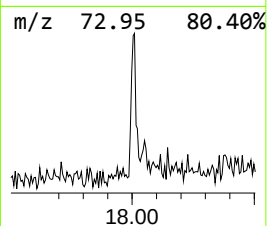
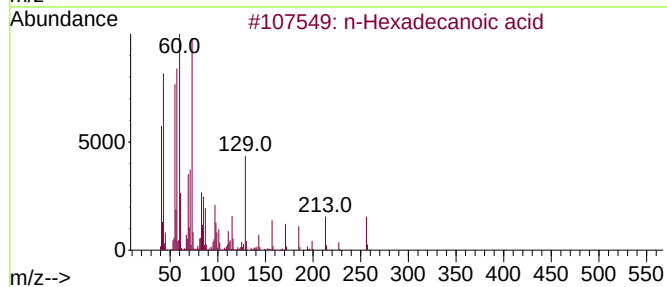
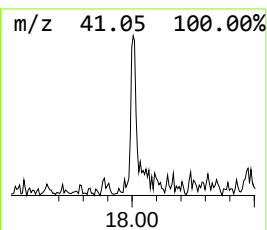
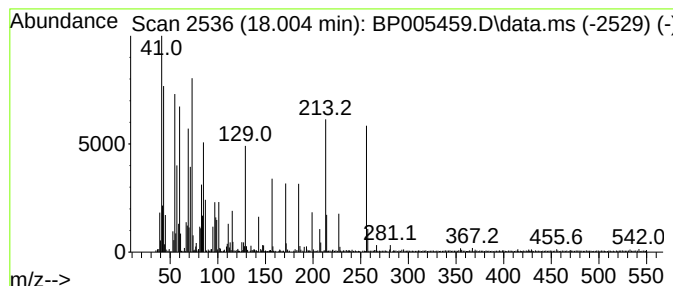
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 18.004 | 4.73 ng | 32929 | Phenanthrene-d10 | 17.104 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3  | 72   |
| 2    |    |   | Tridecanoic acid                    | 214 | C13H26O2 | 000638-53-9  | 64   |
| 3    |    |   | .alpha.-D-Galactopyranoside, met... | 334 | C17H34O6 | 1000157-55-9 | 41   |
| 4    |    |   | Isopropyl palmitate                 | 298 | C19H38O2 | 000142-91-6  | 38   |
| 5    |    |   | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2  | 38   |



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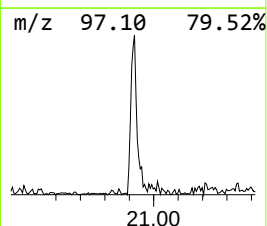
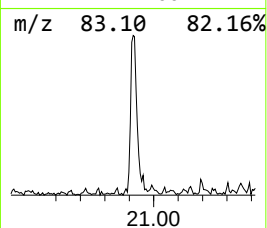
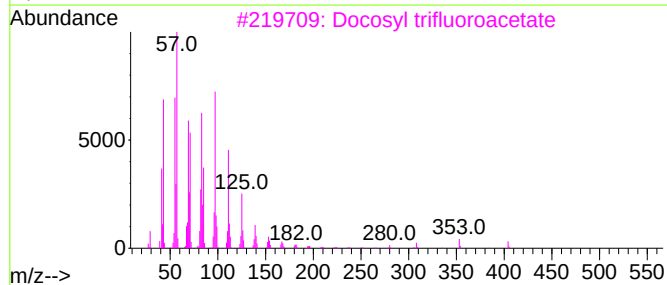
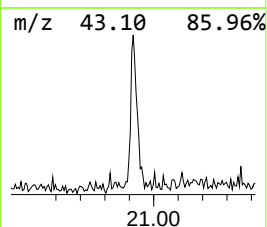
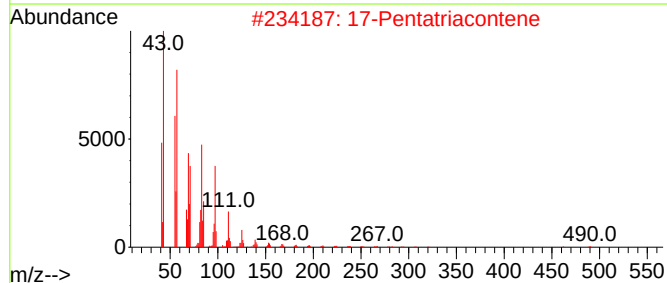
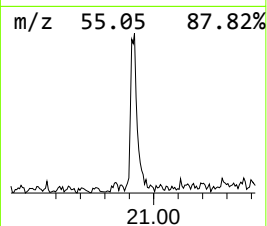
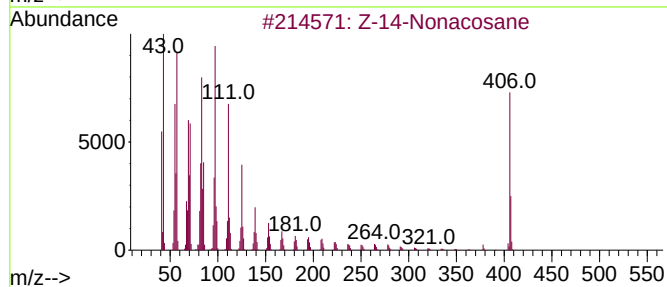
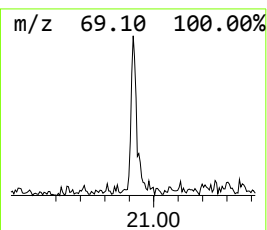
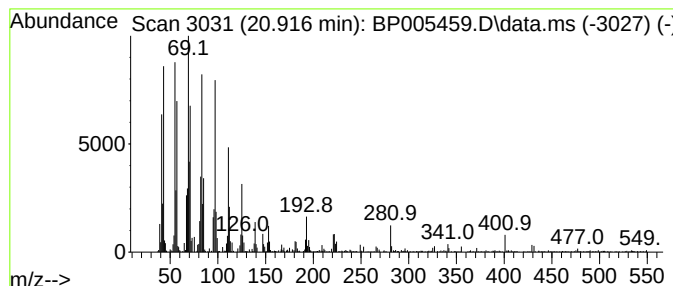
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Peak Number 2 Z-14-Nonacosane Concentration Rank 1

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 20.916 | 4.91 ng | 54287 | Chrysene-d12     | 21.204 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------|-----|------------|--------------|------|
| 1    |    |   | Z-14-Nonacosane               | 406 | C29H58     | 1000131-18-9 | 89   |
| 2    |    |   | 17-Pentatriacontene           | 491 | C35H70     | 006971-40-0  | 83   |
| 3    |    |   | Docosyl trifluoroacetate      | 422 | C24H45F3O2 | 1000351-75-5 | 70   |
| 4    |    |   | Behenic alcohol               | 326 | C22H46O    | 000661-19-8  | 70   |
| 5    |    |   | Eicosyl pentafluoropropionate | 444 | C23H41F5O2 | 1000351-80-8 | 70   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexadecanoic ... | 18.004 | 4.7     | ng    | 32929    | 4                     | 17.104 | 139256 | 20.0 |
| Z-14-Nonacosane    | 20.916 | 4.9     | ng    | 54287    | 5                     | 21.204 | 220915 | 20.0 |