

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\  
 Data File : BP002759.D  
 Acq On : 15 Jul 2020 17:55  
 Operator : CG/JU  
 Sample : L3187-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SU-03-071420

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

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         | 5.181       | 384           | 390         | 404          | rBV      | 1550295        | 2332065       | 57.25%          | 8.667%        |
| 2         | 6.758       | 651           | 658         | 671          | rBV      | 1467014        | 2425670       | 59.55%          | 9.015%        |
| 3         | 6.858       | 672           | 675         | 685          | rVB      | 29748          | 54523         | 1.34%           | 0.203%        |
| 4         | 7.558       | 787           | 794         | 804          | rBV      | 525747         | 859459        | 21.10%          | 3.194%        |
| 5         | 8.699       | 979           | 988         | 1005         | rBV      | 865656         | 1493256       | 36.66%          | 5.549%        |
| 6         | 10.328      | 1256          | 1265        | 1278         | rBV      | 681181         | 1187742       | 29.16%          | 4.414%        |
| 7         | 12.822      | 1681          | 1689        | 1711         | rBV      | 2029815        | 3212053       | 78.85%          | 11.937%       |
| 8         | 13.669      | 1824          | 1833        | 1848         | rBV      | 888971         | 1300078       | 31.92%          | 4.832%        |
| 9         | 14.204      | 1918          | 1924        | 1933         | rBV2     | 1065498        | 1568766       | 38.51%          | 5.830%        |
| 10        | 15.710      | 2173          | 2180        | 2193         | rBV      | 1493587        | 2278328       | 55.93%          | 8.467%        |
| 11        | 16.969      | 2388          | 2394        | 2399         | rBV      | 1236756        | 1840859       | 45.19%          | 6.841%        |
| 12        | 17.892      | 2548          | 2551        | 2557         | rBV2     | 48066          | 79234         | 1.95%           | 0.294%        |
| 13        | 18.628      | 2673          | 2676        | 2681         | rBV      | 88926          | 96336         | 2.36%           | 0.358%        |
| 14        | 18.992      | 2736          | 2738        | 2742         | rBV      | 58847          | 60573         | 1.49%           | 0.225%        |
| 15        | 19.557      | 2829          | 2834        | 2839         | rVB      | 3229252        | 4073493       | 100.00%         | 15.139%       |
| 16        | 20.816      | 3044          | 3048        | 3054         | rBV      | 401618         | 665250        | 16.33%          | 2.472%        |
| 17        | 21.075      | 3087          | 3092        | 3096         | rBV      | 1362673        | 1739376       | 42.70%          | 6.464%        |
| 18        | 23.263      | 3459          | 3464        | 3471         | rVB2     | 899383         | 1641017       | 40.29%          | 6.099%        |

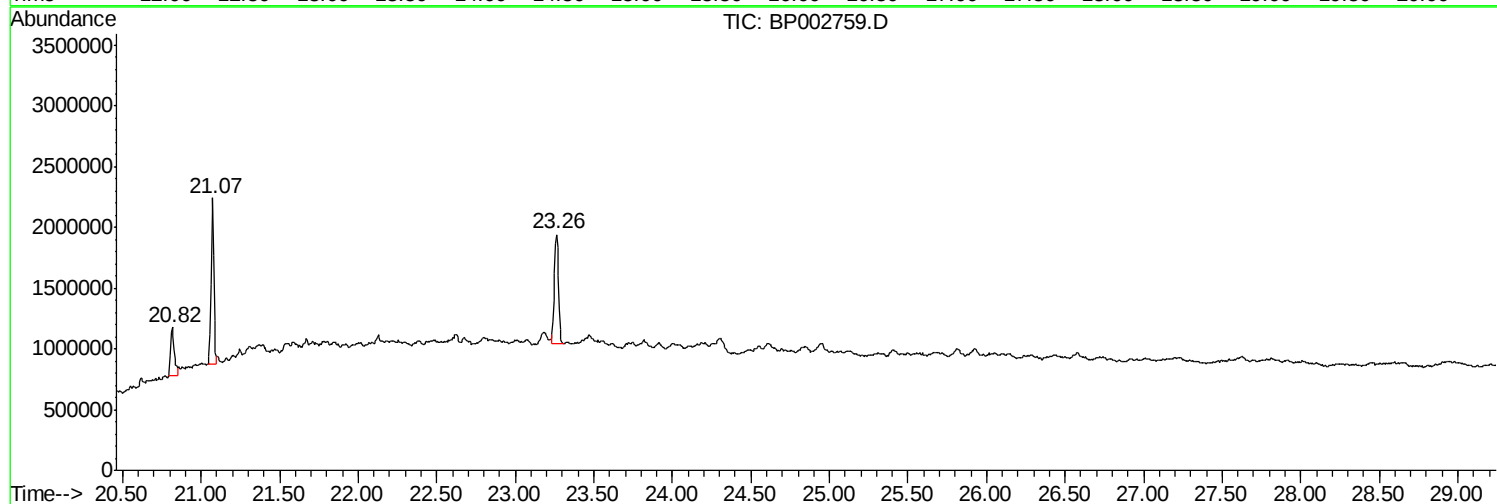
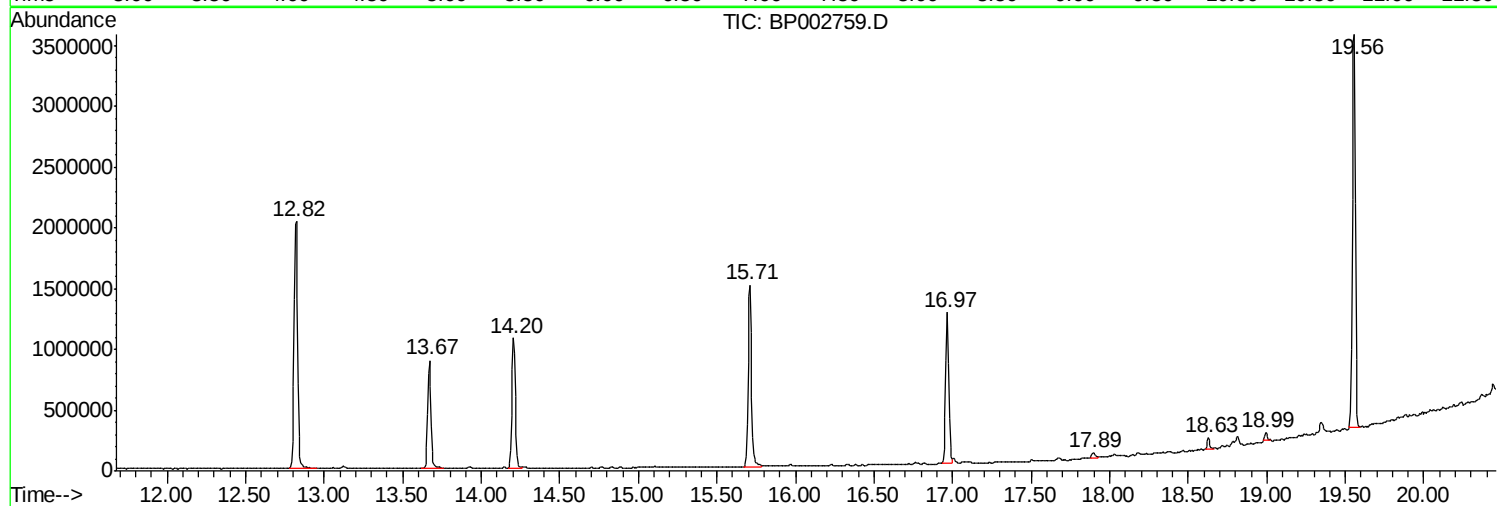
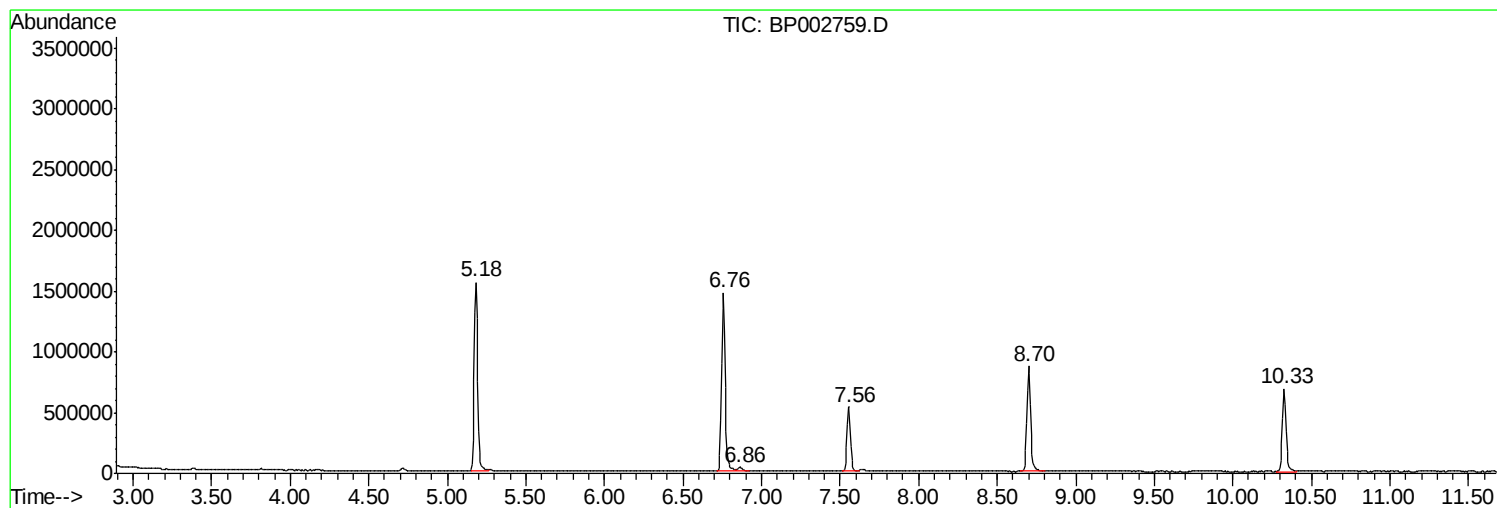
Sum of corrected areas: 26908078

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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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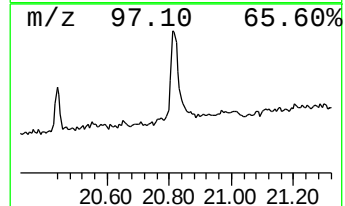
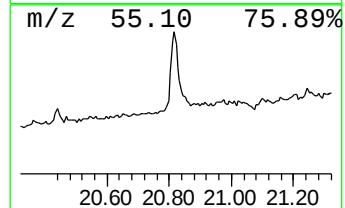
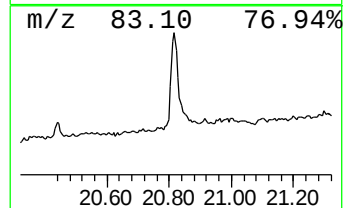
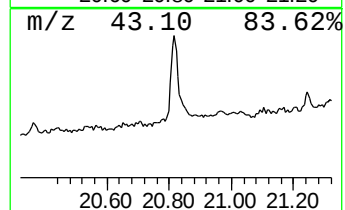
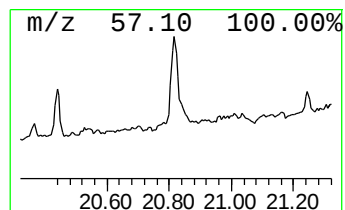
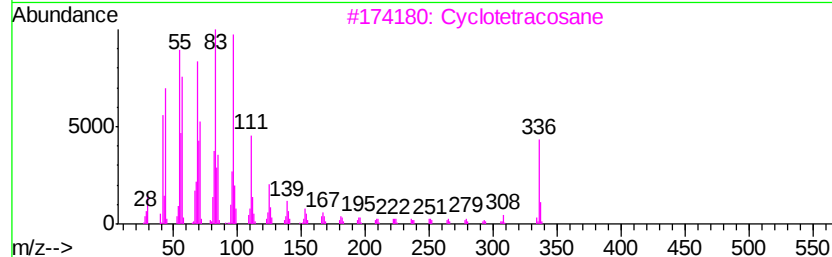
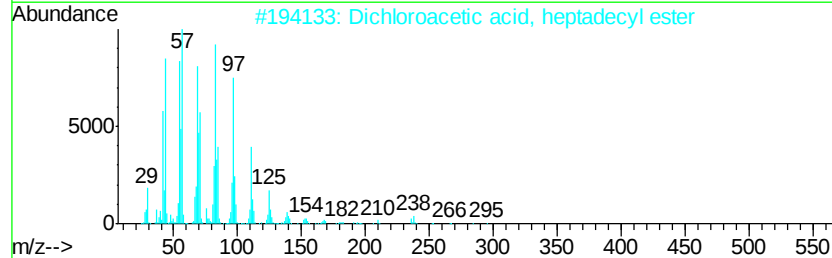
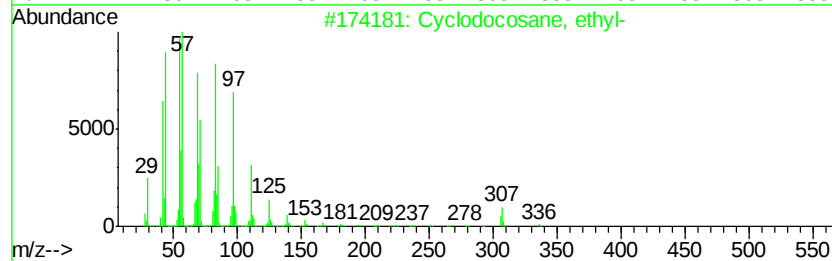
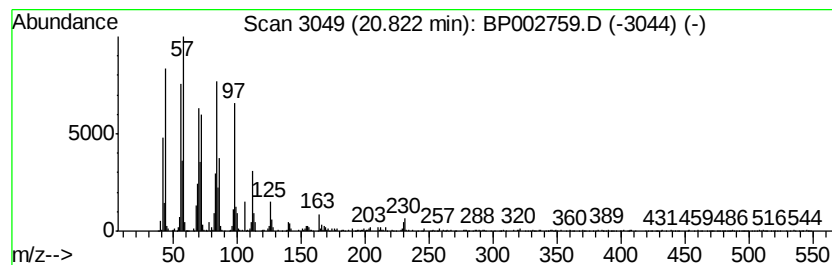
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Cyclodocosane, ethyl- Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 20.82 | 7.65 ng | 665250 | Chrysene-d12     | 21.07 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cyclodocosane, ethyl-               | 336 | C24H48      | 1000151-22-6 | 99   |
| 2    |    | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 91   |
| 3    |    | Cyclotetracosane                    | 336 | C24H48      | 000297-03-0  | 91   |
| 4    |    | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7  | 91   |
| 5    |    | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2  | 959092-08-1  | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Cyclodocosane, et... | 20.82 | 7.7     | ng    | 665250   | 5                     | 21.07 | 1739380 | 20.0 |