

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030822\  
 Data File : BP009313.D  
 Acq On : 08 Mar 2022 19:59  
 Operator : CG/JU  
 Sample : N1825-07  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DUM-31

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: BP009313.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         | 3.070       | 10            | 14          | 41           | rVB      | 904837         | 1382972       | 9.83%           | 1.272%        |
| 2         | 4.958       | 330           | 335         | 347          | rVB      | 161367         | 258815        | 1.84%           | 0.238%        |
| 3         | 5.411       | 405           | 412         | 426          | rBV      | 5218198        | 8373524       | 59.53%          | 7.703%        |
| 4         | 6.987       | 673           | 680         | 690          | rBV      | 4840710        | 8282984       | 58.89%          | 7.620%        |
| 5         | 7.816       | 812           | 821         | 830          | rBV      | 1506740        | 2591275       | 18.42%          | 2.384%        |
| 6         | 8.969       | 1006          | 1017        | 1027         | rBV      | 3026323        | 5333213       | 37.92%          | 4.906%        |
| 7         | 10.610      | 1288          | 1296        | 1305         | rBV      | 1909381        | 3369316       | 23.95%          | 3.100%        |
| 8         | 13.081      | 1708          | 1716        | 1731         | rBV      | 6477099        | 10225325      | 72.70%          | 9.407%        |
| 9         | 14.457      | 1941          | 1950        | 1968         | rBV      | 2389760        | 3977760       | 28.28%          | 3.659%        |
| 10        | 15.945      | 2196          | 2203        | 2224         | rBV      | 4714325        | 7822692       | 55.62%          | 7.196%        |
| 11        | 17.216      | 2412          | 2419        | 2423         | rBV      | 2892328        | 4582680       | 32.58%          | 4.216%        |
| 12        | 17.257      | 2423          | 2426        | 2433         | rVV      | 783154         | 1141266       | 8.11%           | 1.050%        |
| 13        | 17.345      | 2437          | 2441        | 2447         | rVB      | 173206         | 268608        | 1.91%           | 0.247%        |
| 14        | 18.122      | 2569          | 2573        | 2580         | rVB2     | 287840         | 547216        | 3.89%           | 0.503%        |
| 15        | 18.275      | 2594          | 2599        | 2603         | rBV2     | 191446         | 333098        | 2.37%           | 0.306%        |
| 16        | 18.604      | 2653          | 2655        | 2662         | rVB      | 122589         | 170180        | 1.21%           | 0.157%        |
| 17        | 18.981      | 2715          | 2719        | 2723         | rBV2     | 104450         | 163547        | 1.16%           | 0.150%        |
| 18        | 19.233      | 2756          | 2762        | 2770         | rBV      | 2630328        | 3672832       | 26.11%          | 3.379%        |
| 19        | 19.586      | 2813          | 2822        | 2831         | rBV      | 2135783        | 3623695       | 25.76%          | 3.334%        |
| 20        | 19.792      | 2850          | 2857        | 2868         | rVB      | 11099795       | 14065736      | 100.00%         | 12.940%       |
| 21        | 20.075      | 2902          | 2905        | 2909         | rVB      | 318338         | 383241        | 2.72%           | 0.353%        |
| 22        | 20.175      | 2918          | 2922        | 2926         | rBV      | 216667         | 291805        | 2.07%           | 0.268%        |
| 23        | 20.880      | 3039          | 3042        | 3048         | rBV2     | 249195         | 384500        | 2.73%           | 0.354%        |
| 24        | 21.051      | 3067          | 3071        | 3076         | rBV2     | 539746         | 761079        | 5.41%           | 0.700%        |
| 25        | 21.322      | 3110          | 3117        | 3121         | rBV2     | 5025794        | 8590042       | 61.07%          | 7.902%        |
| 26        | 21.357      | 3121          | 3123        | 3132         | rVB      | 1463057        | 1847744       | 13.14%          | 1.700%        |
| 27        | 22.998      | 3397          | 3402        | 3427         | rVB      | 1158799        | 4548818       | 32.34%          | 4.185%        |
| 28        | 23.516      | 3487          | 3490        | 3498         | rVB      | 710380         | 1256072       | 8.93%           | 1.156%        |
| 29        | 23.616      | 3503          | 3507        | 3518         | rVB      | 804982         | 1578613       | 11.22%          | 1.452%        |
| 30        | 23.727      | 3519          | 3526        | 3533         | rBV2     | 3091234        | 6614262       | 47.02%          | 6.085%        |
| 31        | 24.404      | 3636          | 3641        | 3650         | rVB      | 1047396        | 2258774       | 16.06%          | 2.078%        |

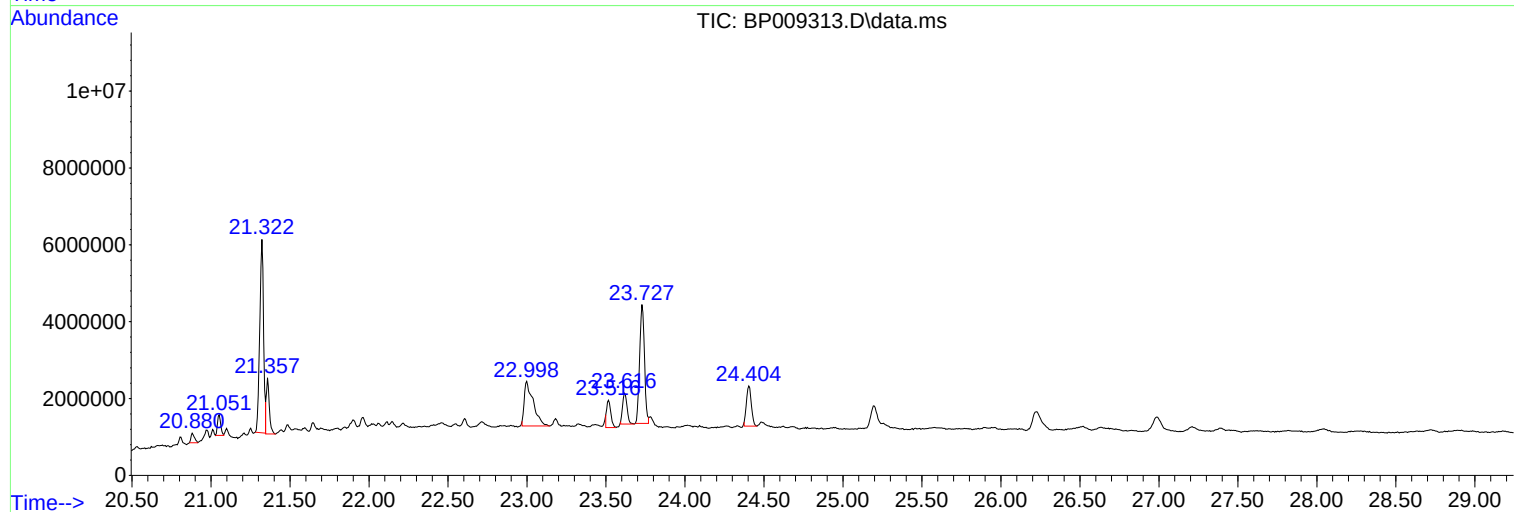
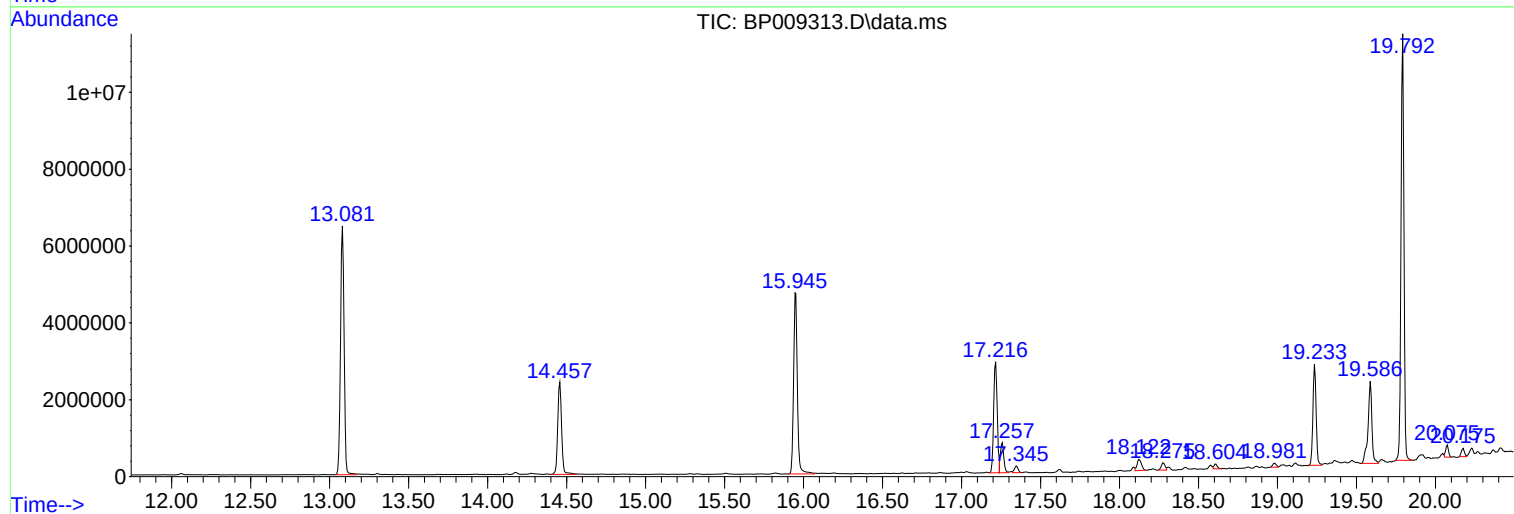
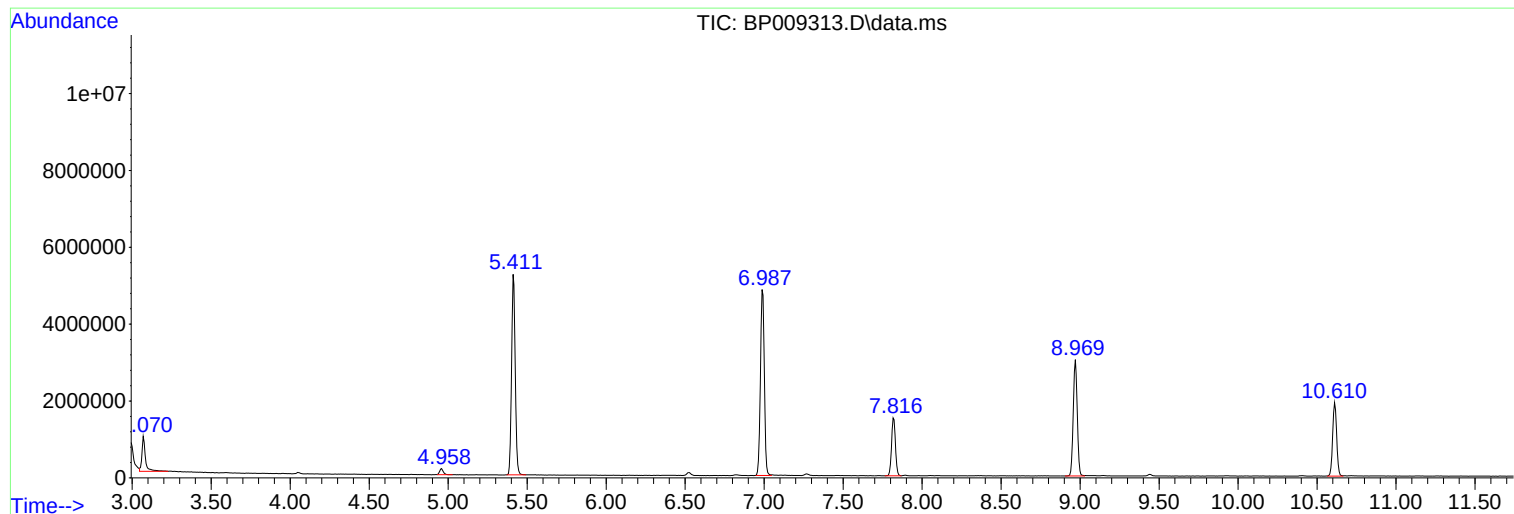
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Sample : N1825-07  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-31

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\BP030822\  
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Operator : CG/JU  
Sample : N1825-07  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-31

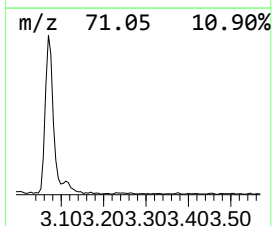
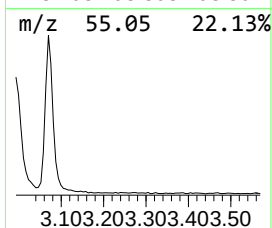
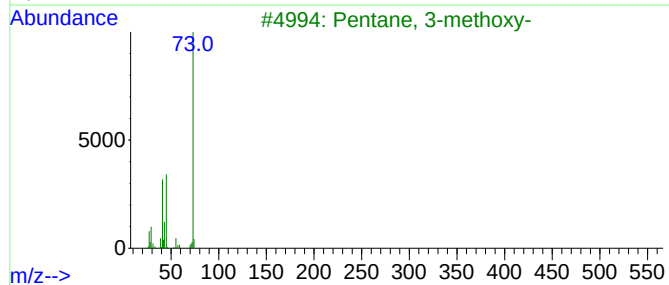
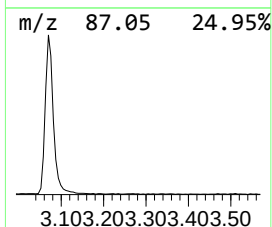
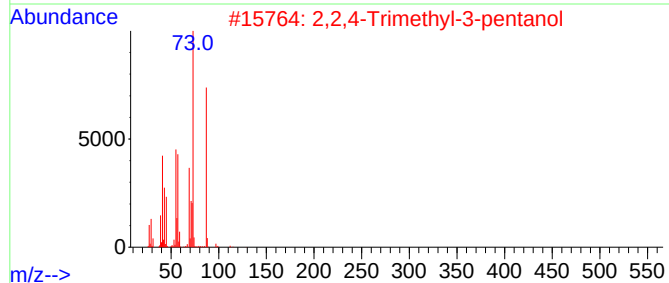
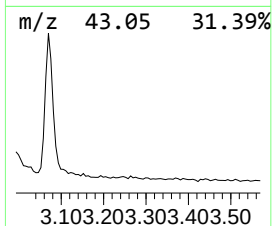
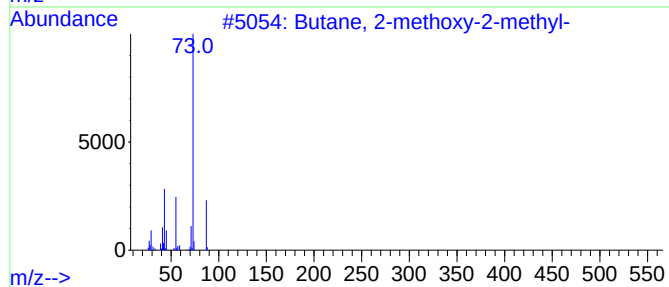
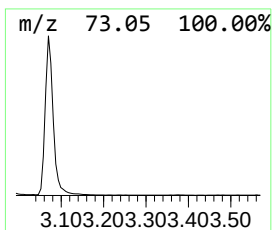
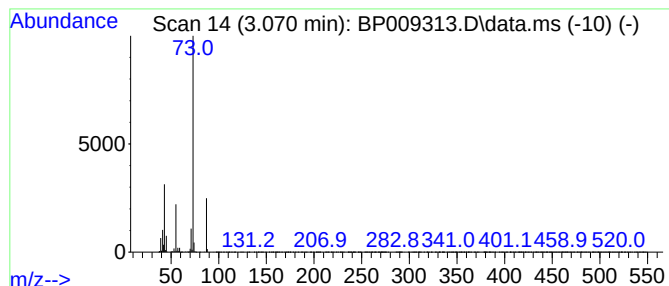
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 3.070 | 10.67 ng | 1382970 | 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 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 43   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-31

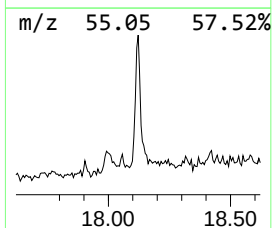
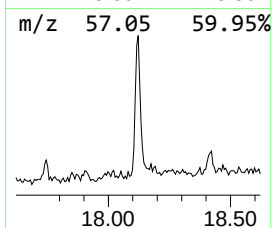
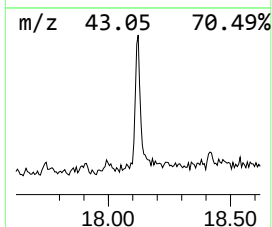
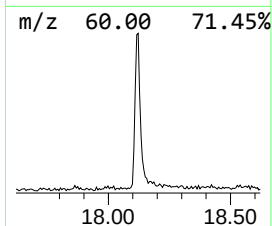
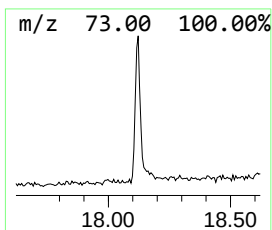
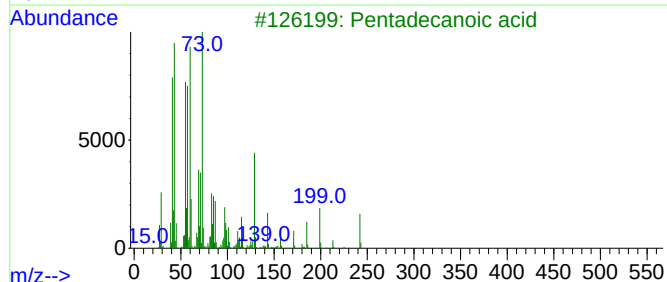
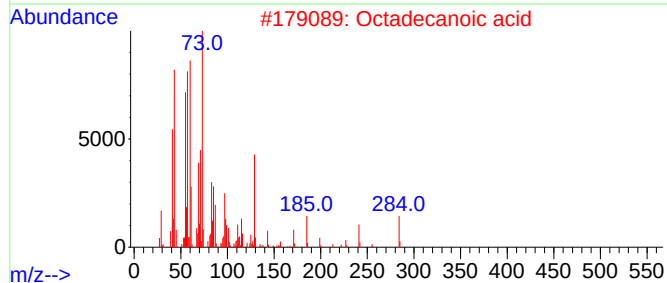
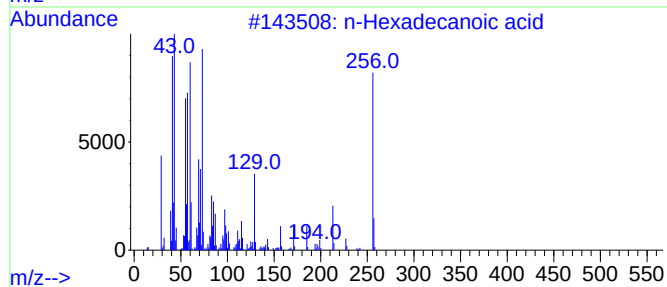
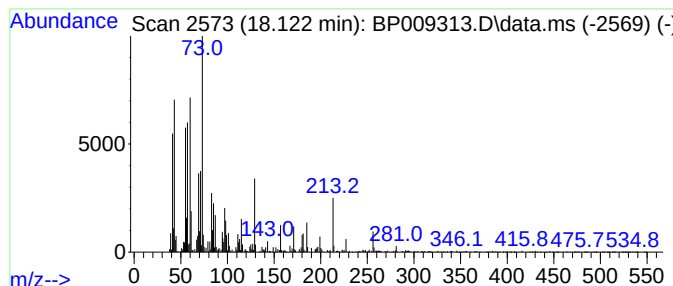
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.122 | 2.39 ng | 547216 | Phenanthrene-d10 | 17.216 |

| 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    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 76   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 64   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 60   |



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Sample : N1825-07  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-31

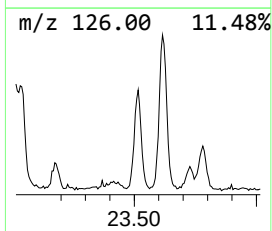
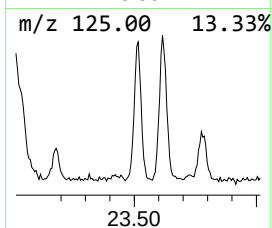
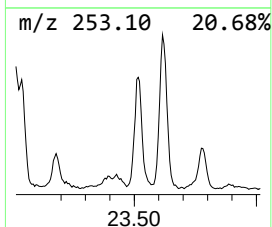
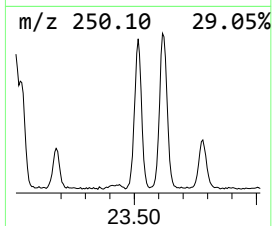
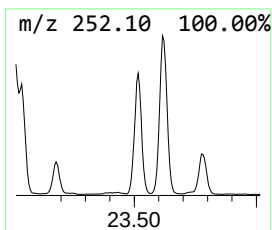
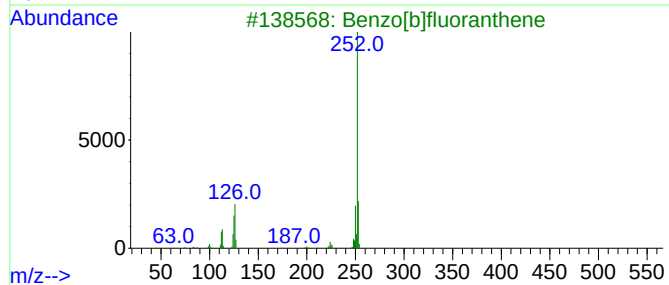
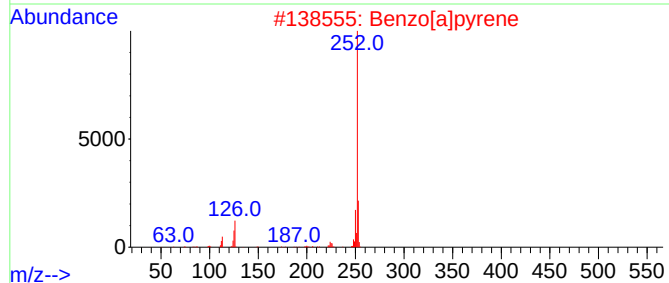
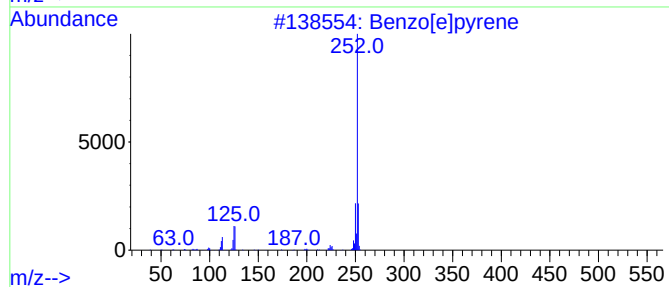
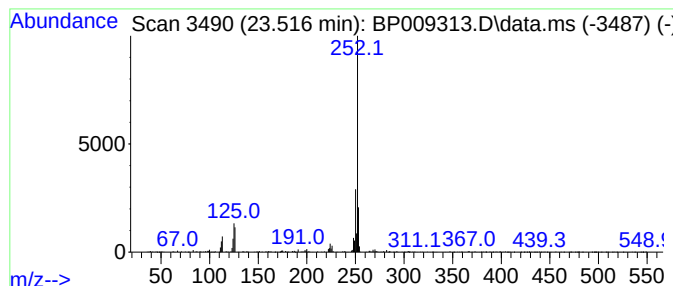
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Benzo[e]pyrene Concentration Rank 3

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 23.516 | 3.80 ng | 1256070 | Perylene-d12     | 23.727 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 98   |
| 2    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 96   |
| 3    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 96   |
| 4    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 93   |
| 5    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 93   |



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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-31

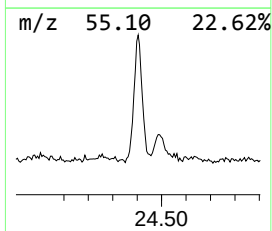
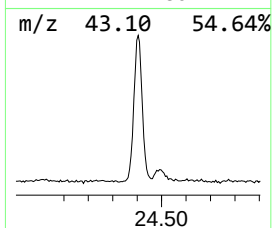
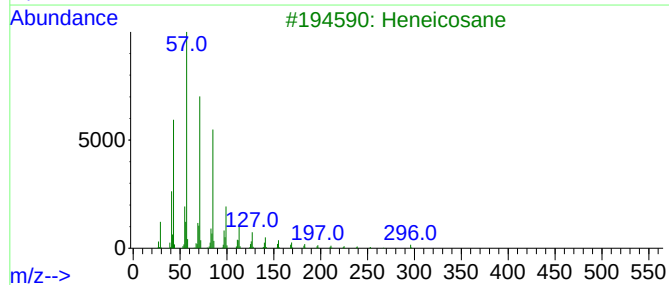
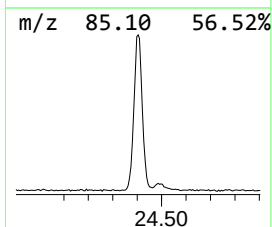
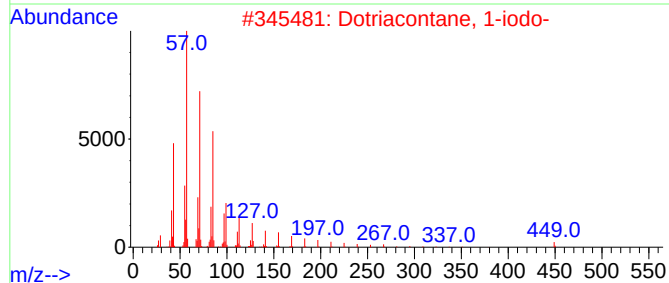
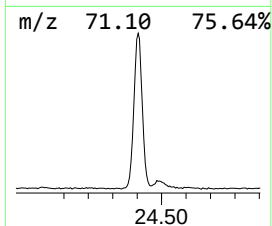
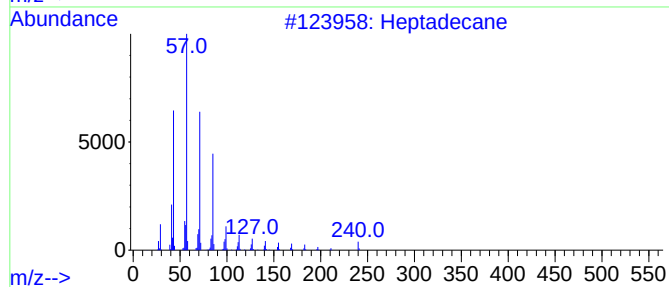
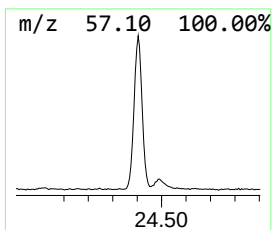
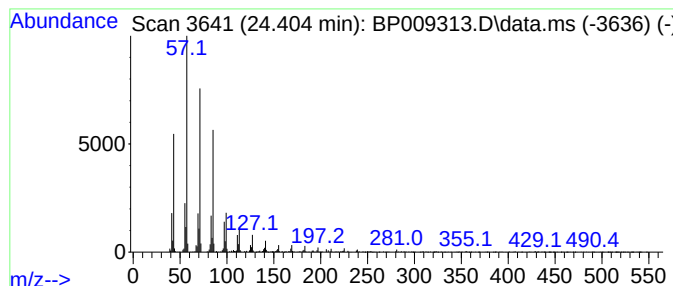
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
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TIC Library : C:\Database\NIST20.L  
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Peak Number 4 Heptadecane Concentration Rank 2

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 24.404 | 6.83 ng | 2258770 | Perylene-d12     | 23.727 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Heptadecane            | 240 | C17H36  | 000629-78-7  | 93   |
| 2    |    |   | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91   |
| 3    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |    |   | Heptadecane, 9-hexyl-  | 324 | C23H48  | 055124-79-3  | 91   |
| 5    |    |   | Hexacosane             | 366 | C26H54  | 000630-01-3  | 91   |



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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... | 3.070  | 10.7    | ng    | 1382970  | 1                     | 7.816  | 2591280 | 20.0 |
| n-Hexadecanoic ... | 18.122 | 2.4     | ng    | 547216   | 4                     | 17.216 | 4582680 | 20.0 |
| Benzo[e]pyrene     | 23.516 | 3.8     | ng    | 1256070  | 6                     | 23.727 | 6614260 | 20.0 |
| Heptadecane        | 24.404 | 6.8     | ng    | 2258770  | 6                     | 23.727 | 6614260 | 20.0 |