

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
 Data File : BP002528.D  
 Acq On : 24 Jun 2020 18:09  
 Operator : CG/JU  
 Sample : L3089-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RB44767-RT

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP060520.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         | 5.199       | 386           | 393         | 401          | rBV      | 3383579        | 5140364       | 64.49%          | 7.981%        |
| 2         | 6.775       | 650           | 661         | 677          | rBV      | 3260219        | 5434839       | 68.18%          | 8.438%        |
| 3         | 7.581       | 791           | 798         | 809          | rBV      | 816566         | 1288196       | 16.16%          | 2.000%        |
| 4         | 7.899       | 843           | 852         | 873          | rBV      | 2963463        | 4865397       | 61.04%          | 7.554%        |
| 5         | 8.728       | 981           | 993         | 1007         | rBV      | 2265203        | 3821709       | 47.94%          | 5.933%        |
| 6         | 10.351      | 1261          | 1269        | 1275         | rBV      | 996442         | 1690435       | 21.21%          | 2.625%        |
| 7         | 10.399      | 1275          | 1277        | 1286         | rVB      | 74415          | 114440        | 1.44%           | 0.178%        |
| 8         | 12.022      | 1548          | 1553        | 1563         | rVB      | 60903          | 104432        | 1.31%           | 0.162%        |
| 9         | 12.845      | 1686          | 1693        | 1711         | rVB      | 4705052        | 7365556       | 92.40%          | 11.435%       |
| 10        | 13.687      | 1828          | 1836        | 1843         | rBV      | 361830         | 544746        | 6.83%           | 0.846%        |
| 11        | 13.945      | 1874          | 1880        | 1888         | rVB      | 81360          | 129429        | 1.62%           | 0.201%        |
| 12        | 14.228      | 1921          | 1928        | 1935         | rBV      | 1381088        | 2006158       | 25.17%          | 3.115%        |
| 13        | 14.628      | 1991          | 1996        | 2002         | rBV2     | 50011          | 82540         | 1.04%           | 0.128%        |
| 14        | 15.728      | 2176          | 2183        | 2193         | rBV      | 3232319        | 4841562       | 60.74%          | 7.517%        |
| 15        | 16.986      | 2391          | 2397        | 2401         | rBV      | 1505985        | 2142175       | 26.87%          | 3.326%        |
| 16        | 17.028      | 2401          | 2404        | 2409         | rVB      | 328941         | 431364        | 5.41%           | 0.670%        |
| 17        | 17.116      | 2415          | 2419        | 2425         | rVB      | 108269         | 153609        | 1.93%           | 0.238%        |
| 18        | 17.910      | 2550          | 2554        | 2560         | rVB2     | 164480         | 216178        | 2.71%           | 0.336%        |
| 19        | 18.045      | 2573          | 2577        | 2582         | rBV2     | 106306         | 183131        | 2.30%           | 0.284%        |
| 20        | 18.351      | 2625          | 2629        | 2632         | rBV      | 66274          | 93650         | 1.17%           | 0.145%        |
| 21        | 18.386      | 2632          | 2635        | 2641         | rVB2     | 65744          | 84040         | 1.05%           | 0.130%        |
| 22        | 18.757      | 2694          | 2698        | 2703         | rBV      | 86838          | 124344        | 1.56%           | 0.193%        |
| 23        | 18.822      | 2705          | 2709        | 2713         | rVV      | 200966         | 267328        | 3.35%           | 0.415%        |
| 24        | 18.892      | 2717          | 2721        | 2729         | rVB2     | 71760          | 115962        | 1.45%           | 0.180%        |
| 25        | 19.010      | 2736          | 2741        | 2748         | rVB      | 945410         | 1191661       | 14.95%          | 1.850%        |
| 26        | 19.363      | 2793          | 2801        | 2810         | rBV2     | 765422         | 1248372       | 15.66%          | 1.938%        |
| 27        | 19.445      | 2811          | 2815        | 2820         | rVB2     | 43769          | 83607         | 1.05%           | 0.130%        |
| 28        | 19.574      | 2828          | 2837        | 2849         | rVB      | 6048563        | 7971141       | 100.00%         | 12.376%       |
| 29        | 19.686      | 2852          | 2856        | 2862         | rBV5     | 65365          | 128095        | 1.61%           | 0.199%        |
| 30        | 19.851      | 2881          | 2884        | 2889         | rVB      | 119154         | 155291        | 1.95%           | 0.241%        |
| 31        | 19.904      | 2889          | 2893        | 2897         | rBV      | 280094         | 310920        | 3.90%           | 0.483%        |
| 32        | 19.951      | 2897          | 2901        | 2905         | rBV      | 71095          | 83864         | 1.05%           | 0.130%        |
| 33        | 20.004      | 2906          | 2910        | 2914         | rVB2     | 89534          | 127945        | 1.61%           | 0.199%        |
| 34        | 20.580      | 3005          | 3008        | 3016         | rVB      | 115495         | 168337        | 2.11%           | 0.261%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP062420\  
 Data File : BP002528.D  
 Acq On : 24 Jun 2020 18:09  
 Operator : CG/JU  
 Sample : L3089-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RB44767-RT

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-BP060520.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 20.833 | 3045 | 3051 | 3055 | rBV3 | 542070  | 869802  | 10.91% | 1.350% |
| 36 | 21.086 | 3088 | 3094 | 3098 | rBV2 | 1808566 | 3012067 | 37.79% | 4.676% |
| 37 | 21.127 | 3098 | 3101 | 3111 | rVB  | 503683  | 735327  | 9.22%  | 1.142% |
| 38 | 21.269 | 3123 | 3125 | 3135 | rVB3 | 104067  | 130598  | 1.64%  | 0.203% |
| 39 | 21.704 | 3195 | 3199 | 3209 | rVB3 | 267346  | 522979  | 6.56%  | 0.812% |
| 40 | 22.157 | 3273 | 3276 | 3281 | rVB  | 131052  | 162641  | 2.04%  | 0.253% |
| 41 | 22.627 | 3351 | 3356 | 3359 | rBV  | 499926  | 948512  | 11.90% | 1.473% |
| 42 | 22.798 | 3381 | 3385 | 3391 | rVB  | 127423  | 214545  | 2.69%  | 0.333% |
| 43 | 23.098 | 3431 | 3436 | 3444 | rVB  | 306532  | 579956  | 7.28%  | 0.900% |
| 44 | 23.186 | 3446 | 3451 | 3455 | rBV  | 385105  | 694271  | 8.71%  | 1.078% |
| 45 | 23.286 | 3462 | 3468 | 3473 | rBV  | 1295778 | 2293728 | 28.78% | 3.561% |
| 46 | 23.868 | 3563 | 3567 | 3573 | rVB  | 189858  | 333073  | 4.18%  | 0.517% |
| 47 | 23.939 | 3575 | 3579 | 3587 | rVB2 | 215620  | 438515  | 5.50%  | 0.681% |
| 48 | 25.486 | 3837 | 3842 | 3854 | rVB2 | 266709  | 762859  | 9.57%  | 1.184% |

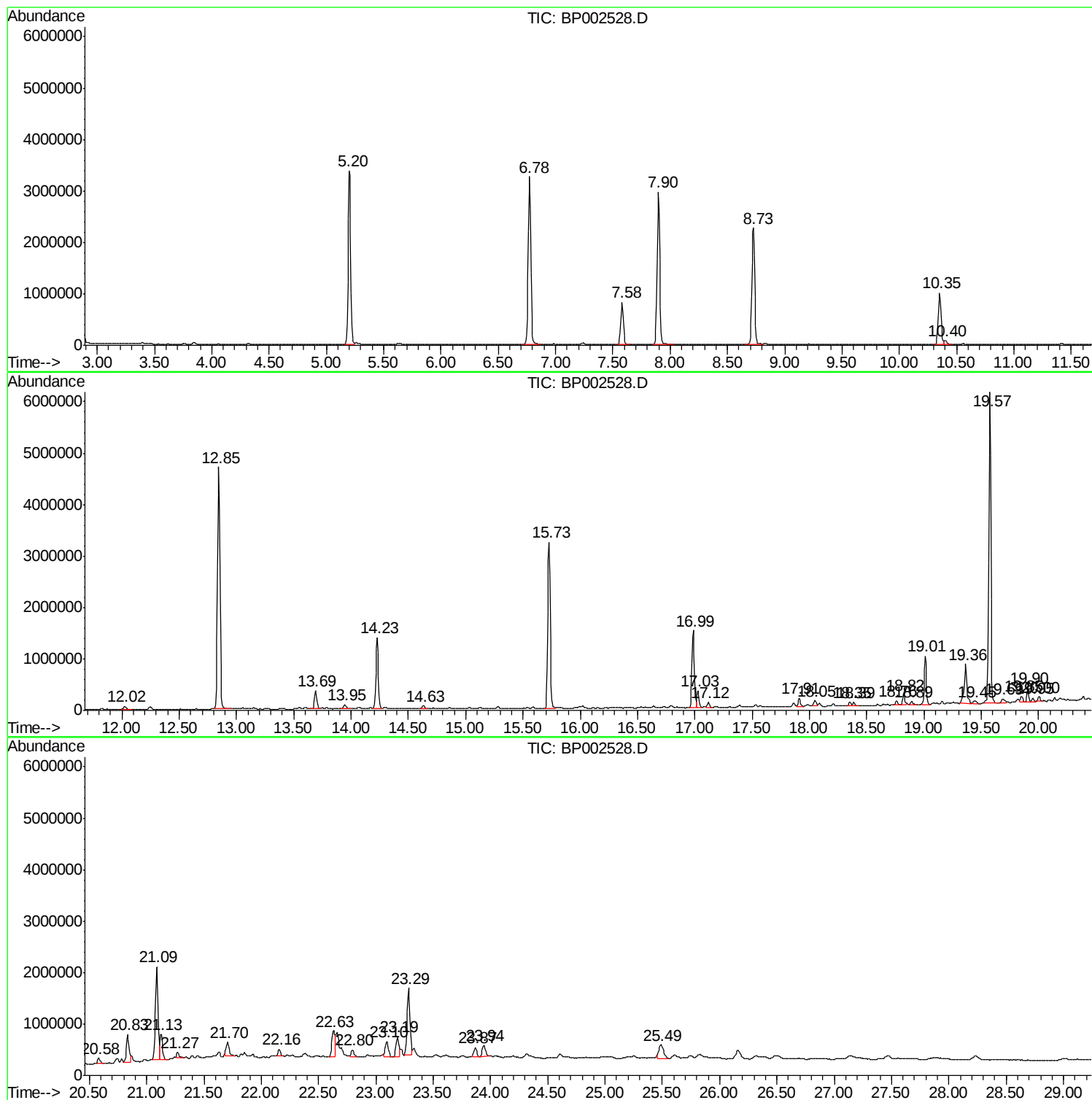
Sum of corrected areas: 64409690

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
Data File : BP002528.D  
Acq On : 24 Jun 2020 18:09  
Operator : CG/JU  
Sample : L3089-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
Data File : BP002528.D  
Acq On : 24 Jun 2020 18:09  
Operator : CG/JU  
Sample : L3089-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

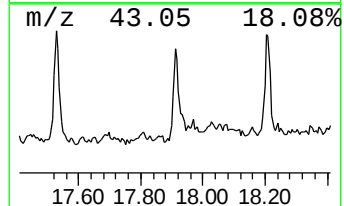
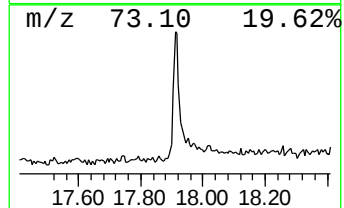
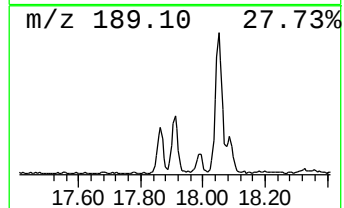
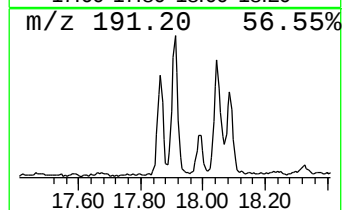
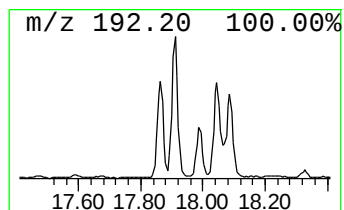
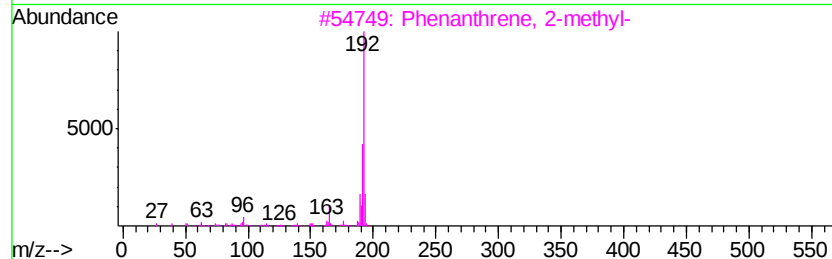
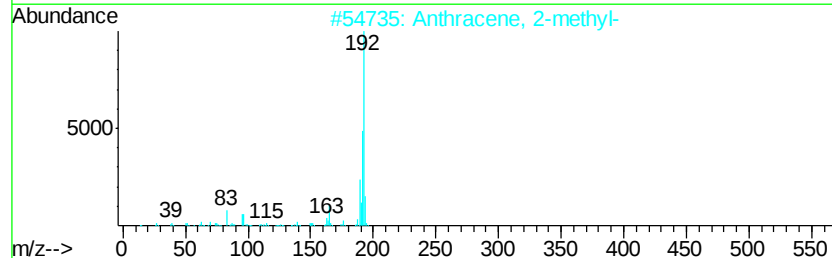
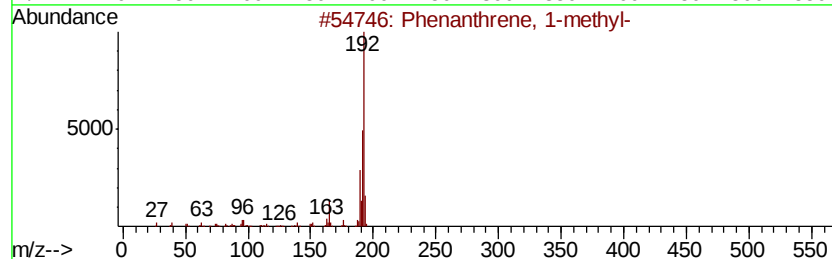
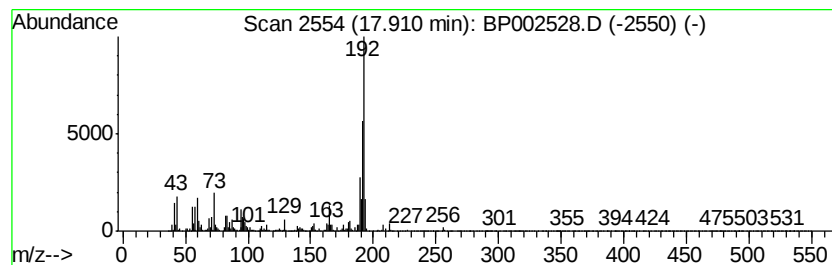
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.91 | 2.02 ng | 216178 | Phenanthrene-d10 | 16.99 |

| Hit# of | 5 | Tentative ID                            | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------------------|-----|---------|-------------|------|
| 1       |   | Phenanthrene, 1-methyl-                 | 192 | C15H12  | 000832-69-9 | 96   |
| 2       |   | Anthracene, 2-methyl-                   | 192 | C15H12  | 000613-12-7 | 95   |
| 3       |   | Phenanthrene, 2-methyl-                 | 192 | C15H12  | 002531-84-2 | 95   |
| 4       |   | 1H-Cyclopropa[1,1]phenanthrene, 1a, ... | 192 | C15H12  | 000949-41-7 | 95   |
| 5       |   | 1H-Indene, 2-phenyl-                    | 192 | C15H12  | 004505-48-0 | 92   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
Data File : BP002528.D  
Acq On : 24 Jun 2020 18:09  
Operator : CG/JU  
Sample : L3089-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

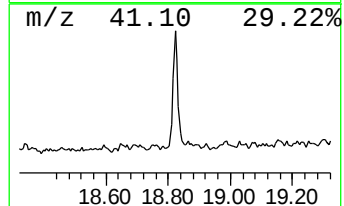
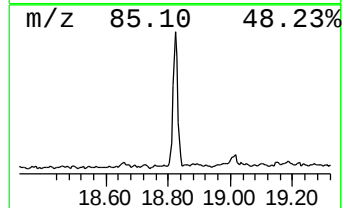
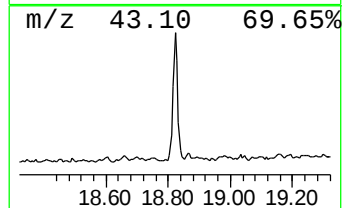
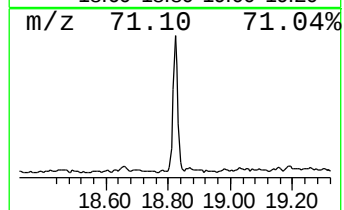
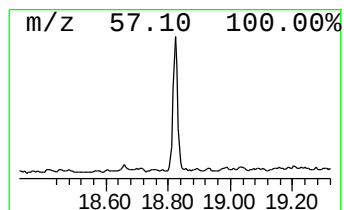
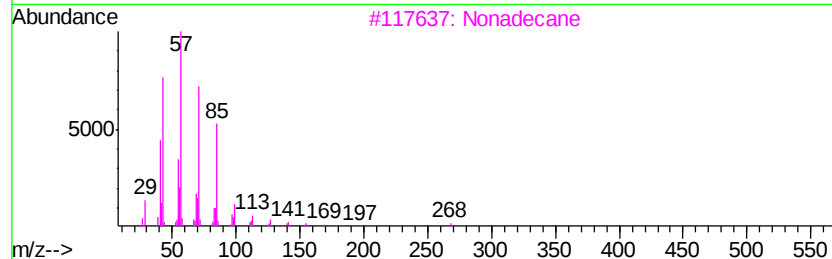
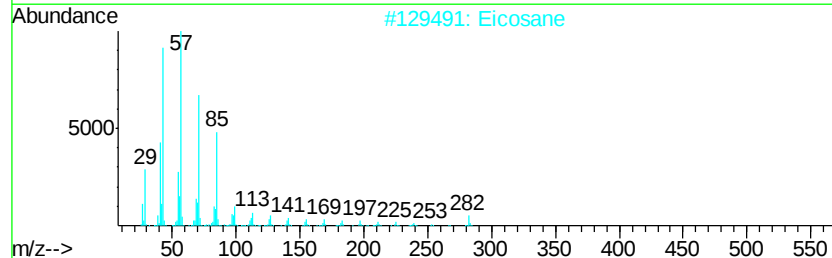
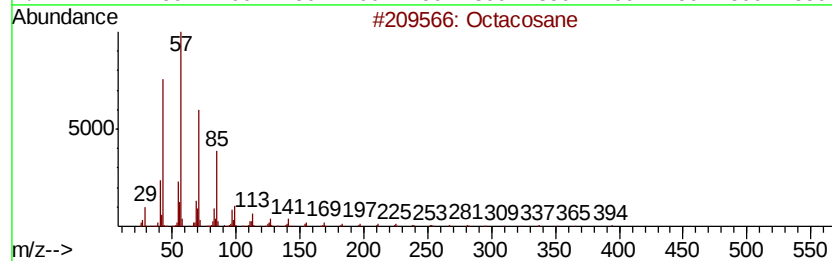
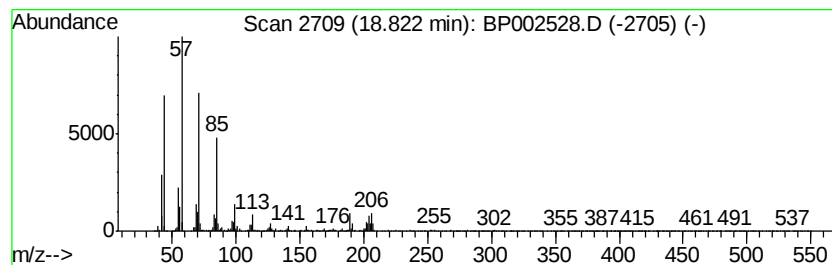
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Octacosane Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.82 | 2.50 ng | 267328 | Phenanthrene-d10 | 16.99 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane            | 394 | C28H58  | 000630-02-4 | 86   |
| 2    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 70   |
| 3    |    | Nonadecane            | 268 | C19H40  | 000629-92-5 | 64   |
| 4    |    | Tridecane, 1-iodo-    | 310 | C13H27I | 035599-77-0 | 62   |
| 5    |    | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 62   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
Data File : BP002528.D  
Acq On : 24 Jun 2020 18:09  
Operator : CG/JU  
Sample : L3089-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

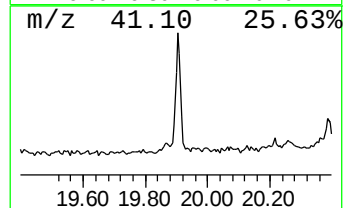
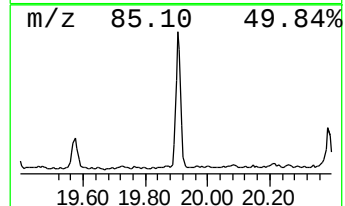
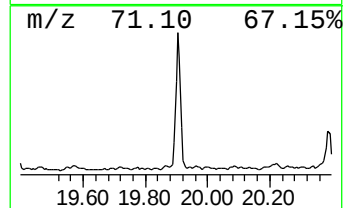
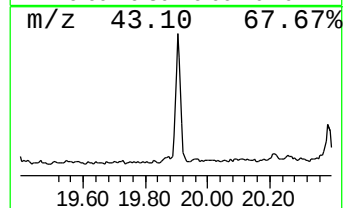
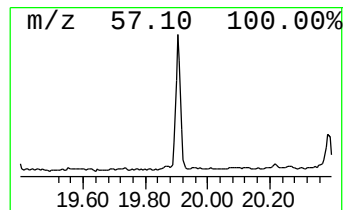
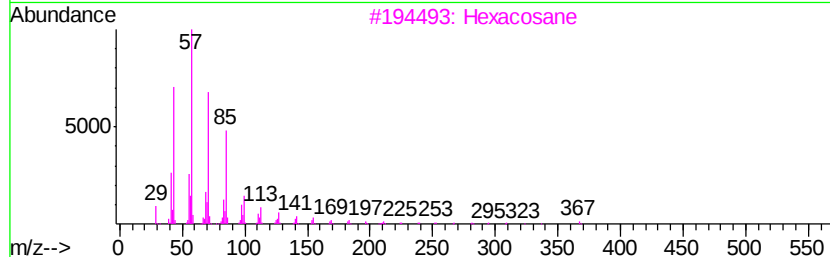
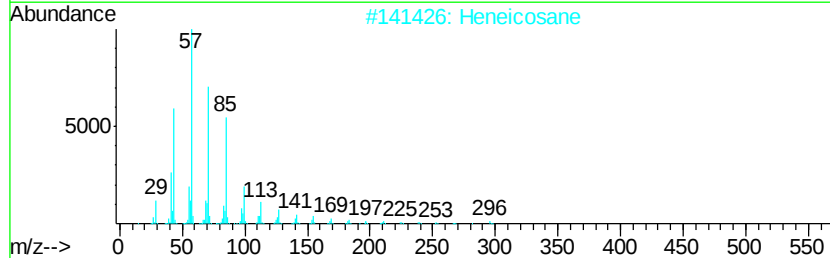
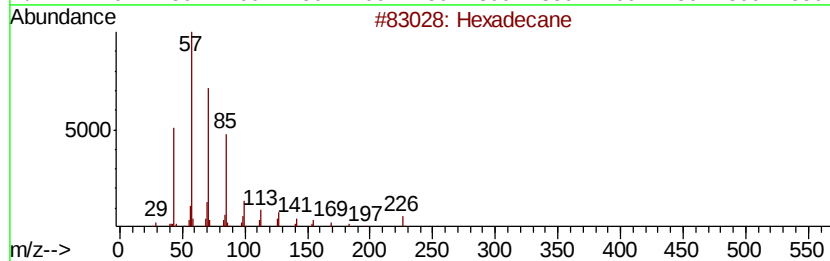
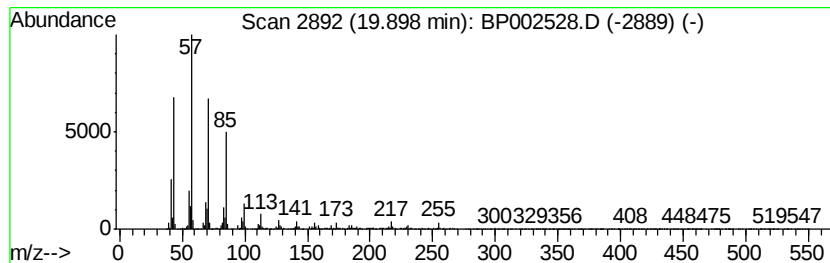
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Hexadecane Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.90 | 2.06 ng | 310920 | Chrysene-d12     | 21.09 |

| Hit# of | 5                     | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------|--------------|-----|---------|-------------|------|
| 1       | Hexadecane            |              | 226 | C16H34  | 000544-76-3 | 91   |
| 2       | Heneicosane           |              | 296 | C21H44  | 000629-94-7 | 87   |
| 3       | Hexacosane            |              | 366 | C26H54  | 000630-01-3 | 83   |
| 4       | Heptadecane, 9-octyl- |              | 352 | C25H52  | 007225-64-1 | 83   |
| 5       | Heptadecane           |              | 240 | C17H36  | 000629-78-7 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
Data File : BP002528.D  
Acq On : 24 Jun 2020 18:09  
Operator : CG/JU  
Sample : L3089-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

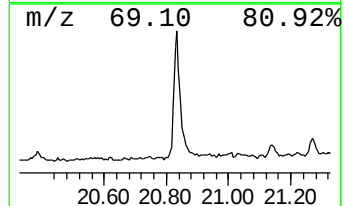
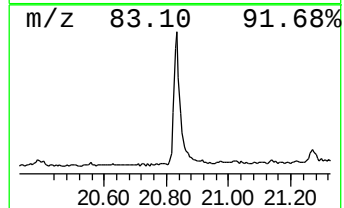
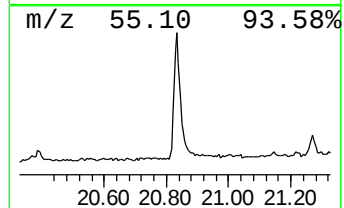
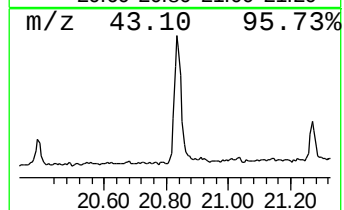
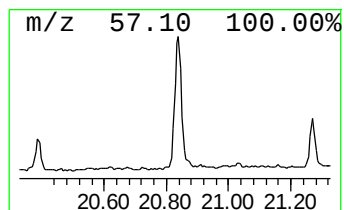
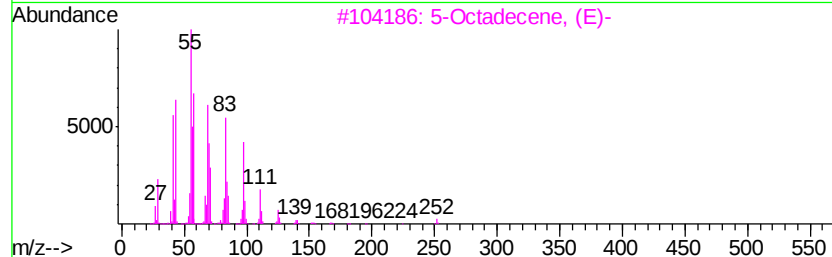
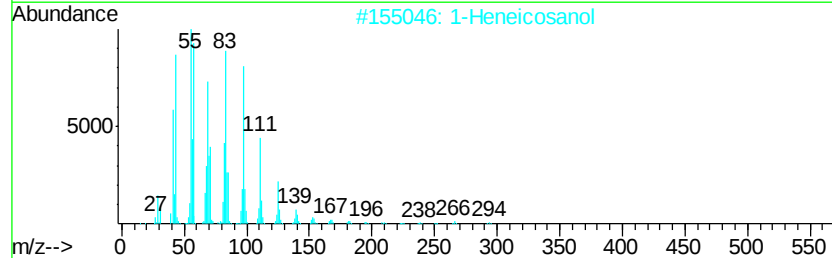
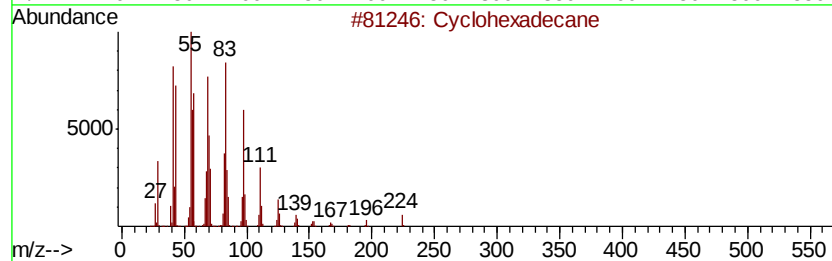
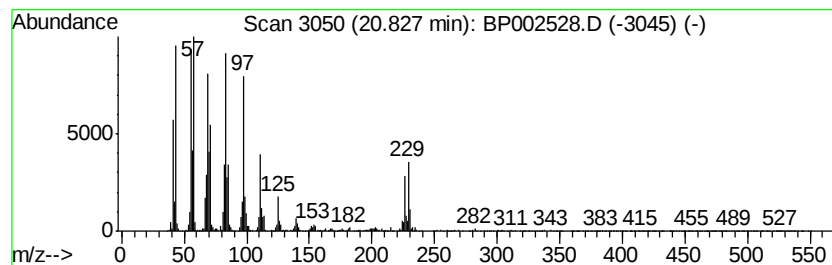
Instrument :  
BNA\_P  
ClientSampleId :  
RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Cyclohexadecane Concentration Rank 2

| R.T.    | EstConc | Area                            | Relative to ISTD | R.T.            |
|---------|---------|---------------------------------|------------------|-----------------|
| 20.83   | 5.78 ng | 869802                          | Chrysene-d12     | 21.09           |
| Hit# of | 5       | Tentative ID                    | MW MolForm       | CAS# Qual       |
| 1       |         | Cyclohexadecane                 | 224 C16H32       | 000295-65-8 96  |
| 2       |         | 1-Heneicosanol                  | 312 C21H44O      | 015594-90-8 91  |
| 3       |         | 5-Octadecene, (E)-              | 252 C18H36       | 007206-21-5 90  |
| 4       |         | Eicosyl pentafluoropropionate   | 444 C23H41F5O2   | 1000351-80-8 87 |
| 5       |         | Nonadecyl pentafluoropropionate | 430 C22H39F5O2   | 1000351-88-8 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
Data File : BP002528.D  
Acq On : 24 Jun 2020 18:09  
Operator : CG/JU  
Sample : L3089-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

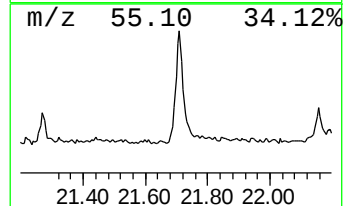
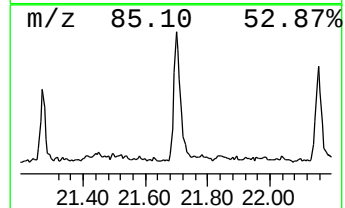
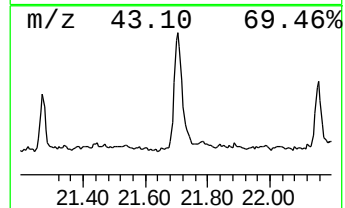
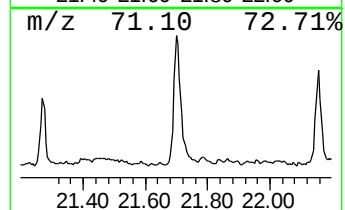
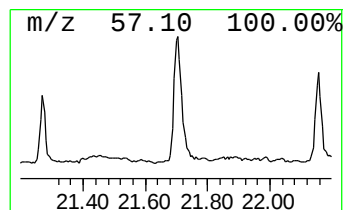
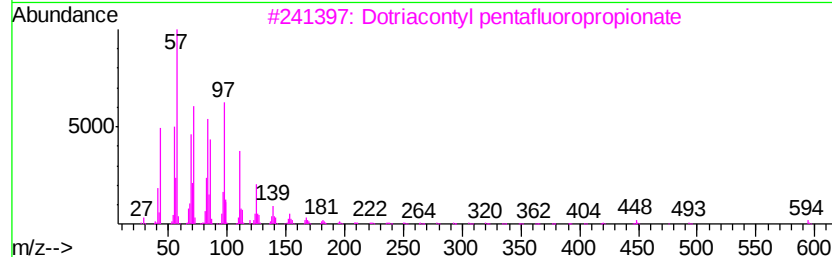
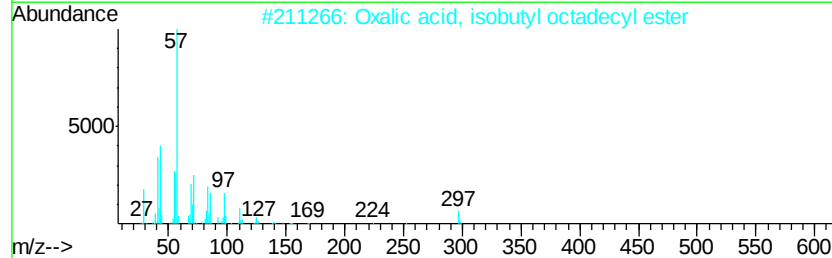
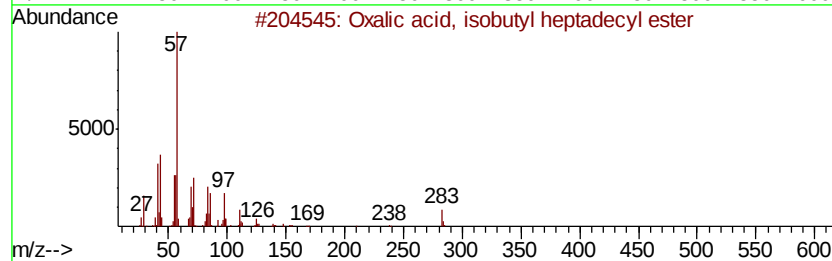
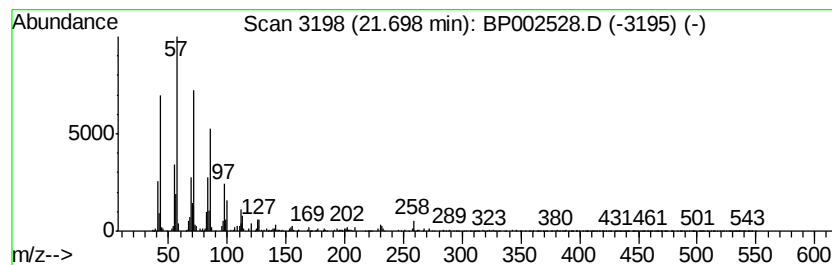
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Oxalic acid, isobutyl hepta... Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.70 | 3.47 ng | 522979 | Chrysene-d12     | 21.09 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Oxalic acid, isobutyl heptadecyl... | 384 | C23H44O4   | 1000309-38-2 | 91   |
| 2    |    |   | Oxalic acid, isobutyl octadecyl ... | 398 | C24H46O4   | 1000309-38-3 | 91   |
| 3    |    |   | Dotriacontyl pentafluoropropionate  | 612 | C35H65F5O2 | 1000351-81-4 | 91   |
| 4    |    |   | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4   | 1000309-38-1 | 91   |
| 5    |    |   | Oxalic acid, isobutyl pentadecyl... | 356 | C21H40O4   | 1000309-38-0 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
Data File : BP002528.D  
Acq On : 24 Jun 2020 18:09  
Operator : CG/JU  
Sample : L3089-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

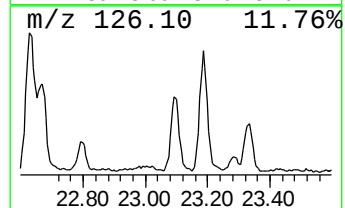
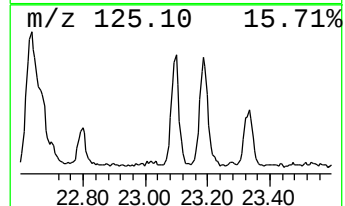
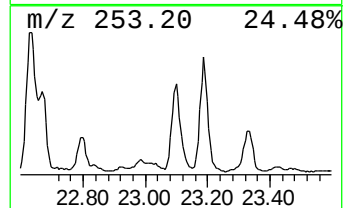
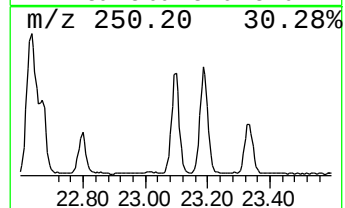
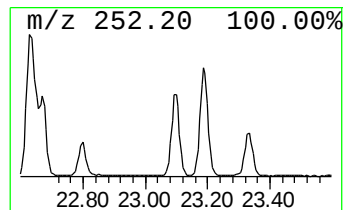
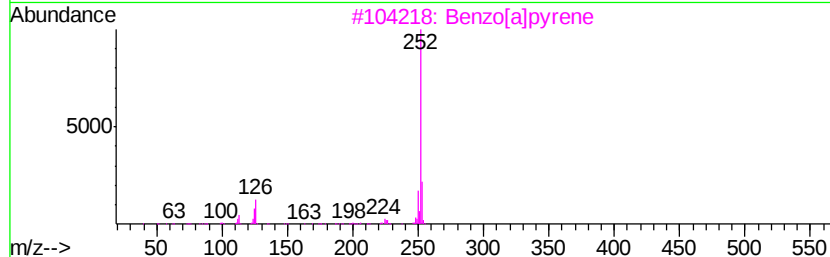
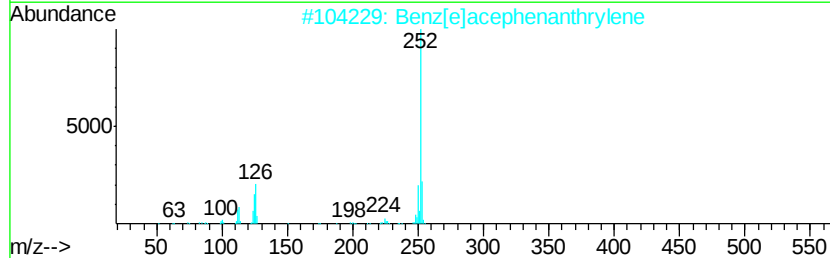
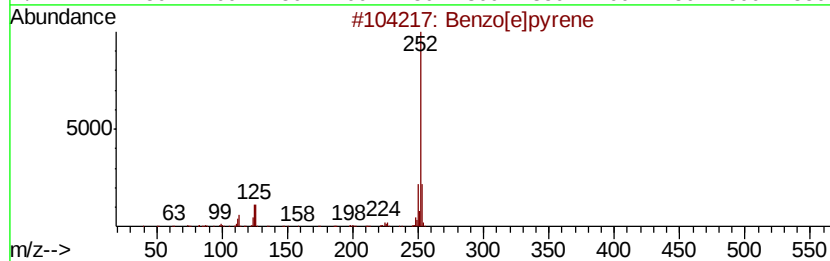
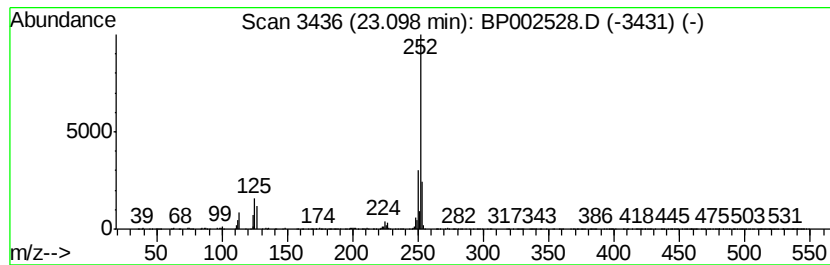
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Benzo[e]pyrene Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.10 | 5.06 ng | 579956 | Perylene-d12     | 23.29 |

| Hit# of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|---------|---|---------------------------|-----|---------|-------------|------|
| 1       |   | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 98   |
| 2       |   | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 95   |
| 3       |   | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 93   |
| 4       |   | Benzo[i]fluoranthene      | 252 | C20H12  | 000205-82-3 | 90   |
| 5       |   | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 89   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
 Data File : BP002528.D  
 Acq On : 24 Jun 2020 18:09  
 Operator : CG/JU  
 Sample : L3089-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

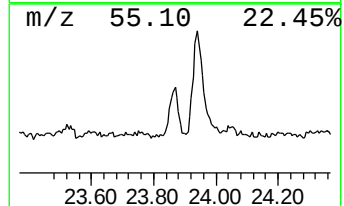
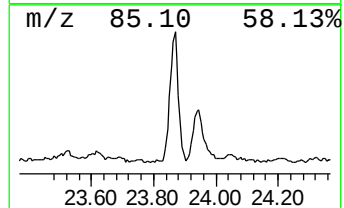
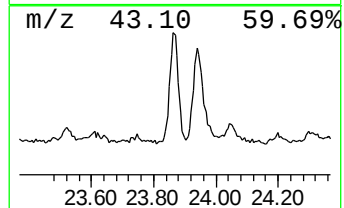
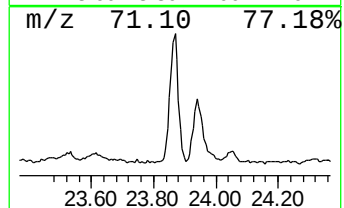
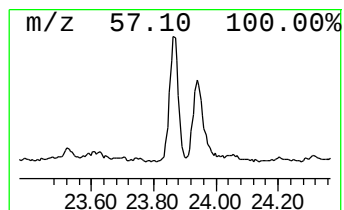
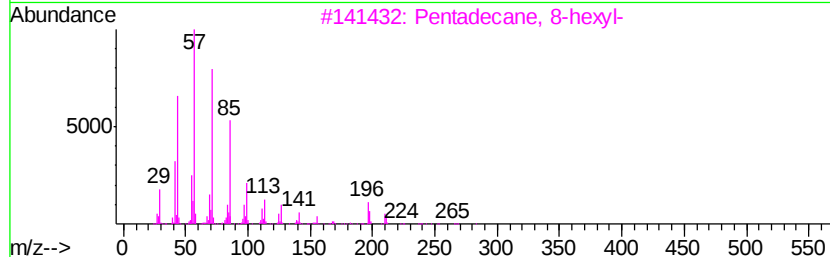
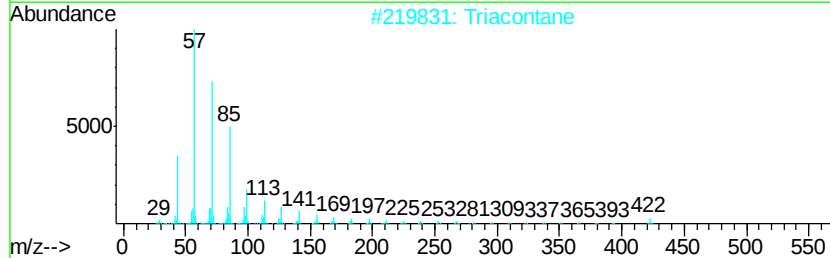
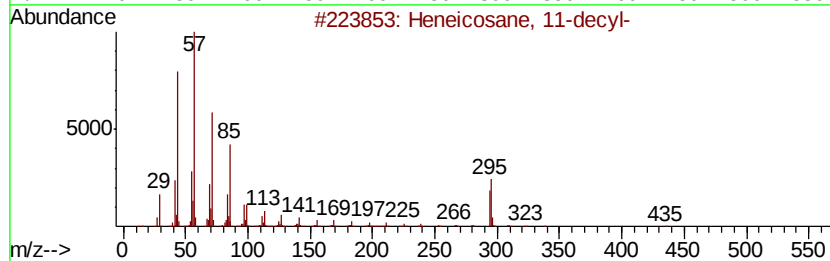
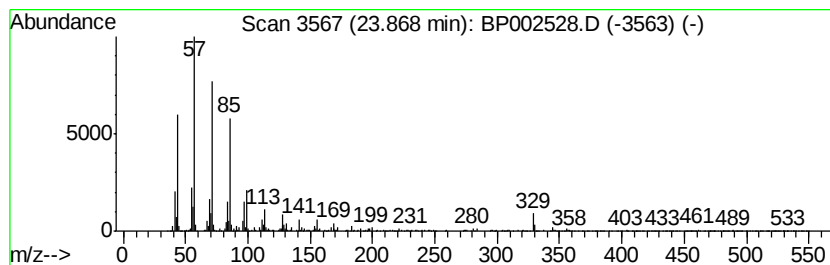
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 8 Heneicosane, 11-decyl- Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.87 | 2.90 ng | 333073 | Perylene-d12     | 23.29 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 87   |
| 2    |    | Triacontane            | 422 | C30H62  | 000638-68-6 | 86   |
| 3    |    | Pentadecane, 8-hexyl-  | 296 | C21H44  | 013475-75-7 | 86   |
| 4    |    | Eicosane               | 282 | C20H42  | 000112-95-8 | 86   |
| 5    |    | Heneicosane            | 296 | C21H44  | 000629-94-7 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\  
Data File : BP002528.D  
Acq On : 24 Jun 2020 18:09  
Operator : CG/JU  
Sample : L3089-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

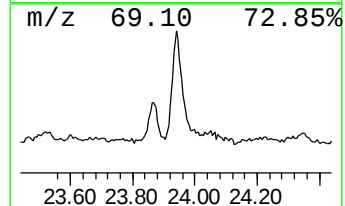
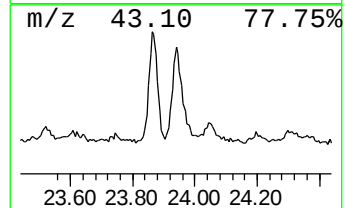
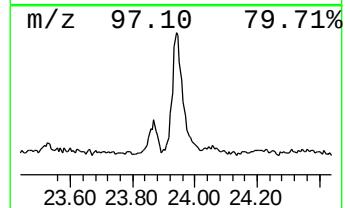
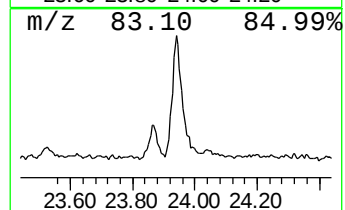
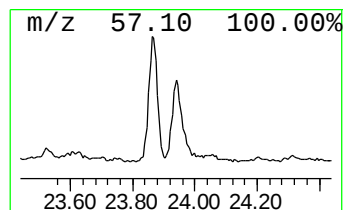
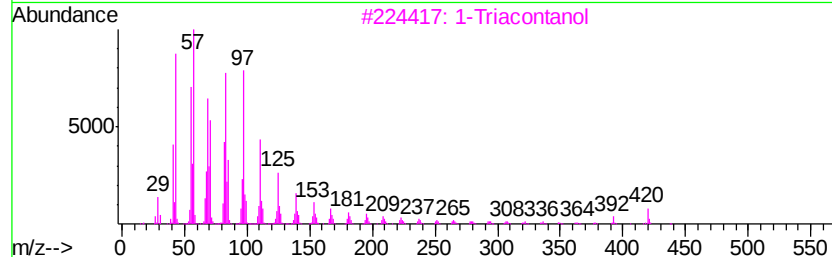
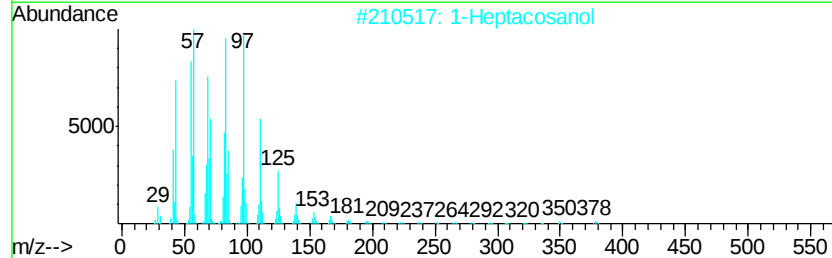
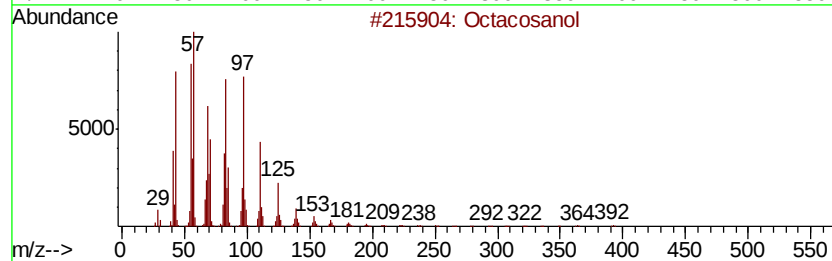
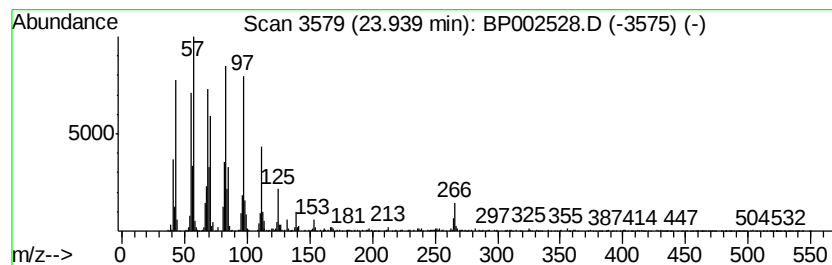
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Octacosanol Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.94 | 3.82 ng | 438515 | Perylene-d12     | 23.29 |

| Hit# | of | Tentative ID                  | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------|-----|------------|--------------|------|
| 1    | 5  | Octacosanol                   | 410 | C28H58O    | 000557-61-9  | 94   |
| 2    |    | 1-Heptacosanol                | 396 | C27H56O    | 002004-39-9  | 94   |
| 3    |    | 1-Triacontanol                | 438 | C30H62O    | 000593-50-0  | 94   |
| 4    |    | Nonadecyl trifluoroacetate    | 380 | C21H39F3O2 | 1000351-76-3 | 94   |
| 5    |    | Nonadecyl heptafluorobutyrate | 480 | C23H39F7O2 | 1000351-83-9 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP062420\  
Data File : BP002528.D  
Acq On : 24 Jun 2020 18:09  
Operator : CG/JU  
Sample : L3089-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RB44767-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Phenanthrene, 1-m... | 17.91 | 2.0     | ng    | 216178   | 4                     | 16.99 | 2142180 | 20.0 |
| Octacosane           | 18.82 | 2.5     | ng    | 267328   | 4                     | 16.99 | 2142180 | 20.0 |
| Hexadecane           | 19.90 | 2.1     | ng    | 310920   | 5                     | 21.09 | 3012070 | 20.0 |
| Cyclohexadecane      | 20.83 | 5.8     | ng    | 869802   | 5                     | 21.09 | 3012070 | 20.0 |
| Oxalic acid, isob... | 21.70 | 3.5     | ng    | 522979   | 5                     | 21.09 | 3012070 | 20.0 |
| Benzo[e]pyrene       | 23.10 | 5.1     | ng    | 579956   | 6                     | 23.29 | 2293730 | 20.0 |
| Heneicosane, 11-d... | 23.87 | 2.9     | ng    | 333073   | 6                     | 23.29 | 2293730 | 20.0 |
| Octacosanol          | 23.94 | 3.8     | ng    | 438515   | 6                     | 23.29 | 2293730 | 20.0 |