

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF021819\  
 Data File : BF112605.D  
 Acq On : 18 Feb 2019 17:12  
 Operator : JU/SJ  
 Sample : K1518-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CABLE-BRIDGE-FOUNDATION-D-6

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\_F\METHODS\8270-BF012519.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         | 5.022       | 496           | 499         | 507          | rBV      | 37710          | 51854         | 2.95%           | 0.297%        |
| 2         | 5.451       | 569           | 572         | 592          | rBV      | 825232         | 1049109       | 59.73%          | 6.018%        |
| 3         | 6.469       | 742           | 745         | 764          | rBV      | 888698         | 1168070       | 66.50%          | 6.700%        |
| 4         | 6.598       | 764           | 767         | 775          | rVV      | 1394095        | 1227144       | 69.86%          | 7.039%        |
| 5         | 6.822       | 802           | 805         | 813          | rBV      | 380359         | 330209        | 18.80%          | 1.894%        |
| 6         | 6.975       | 828           | 831         | 843          | rBV      | 971275         | 950567        | 54.12%          | 5.453%        |
| 7         | 7.386       | 897           | 901         | 914          | rBV      | 722522         | 724771        | 41.26%          | 4.157%        |
| 8         | 8.104       | 1020          | 1023        | 1044         | rBV      | 431339         | 446857        | 25.44%          | 2.563%        |
| 9         | 9.175       | 1202          | 1205        | 1217         | rBV      | 1701226        | 1491015       | 84.88%          | 8.553%        |
| 10        | 9.575       | 1270          | 1273        | 1279         | rBV      | 90543          | 81400         | 4.63%           | 0.467%        |
| 11        | 9.863       | 1318          | 1322        | 1329         | rBV      | 584055         | 547841        | 31.19%          | 3.143%        |
| 12        | 10.074      | 1354          | 1358        | 1362         | rBV2     | 13465          | 19360         | 1.10%           | 0.111%        |
| 13        | 10.657      | 1453          | 1457        | 1468         | rBV      | 1146335        | 1119302       | 63.72%          | 6.421%        |
| 14        | 11.351      | 1571          | 1575        | 1577         | rBV      | 669942         | 596594        | 33.96%          | 3.422%        |
| 15        | 11.374      | 1577          | 1579        | 1585         | rVB      | 174890         | 157370        | 8.96%           | 0.903%        |
| 16        | 11.433      | 1585          | 1589        | 1593         | rBV      | 27453          | 31241         | 1.78%           | 0.179%        |
| 17        | 11.868      | 1658          | 1663        | 1672         | rBV2     | 368734         | 464928        | 26.47%          | 2.667%        |
| 18        | 11.968      | 1677          | 1680        | 1682         | rVV2     | 41641          | 50600         | 2.88%           | 0.290%        |
| 19        | 11.986      | 1682          | 1683        | 1689         | rVB      | 25565          | 24550         | 1.40%           | 0.141%        |
| 20        | 12.145      | 1707          | 1710        | 1712         | rBV      | 24382          | 19533         | 1.11%           | 0.112%        |
| 21        | 12.404      | 1751          | 1754        | 1757         | rBV      | 25618          | 29701         | 1.69%           | 0.170%        |
| 22        | 12.504      | 1766          | 1771        | 1774         | rBV2     | 25931          | 29702         | 1.69%           | 0.170%        |
| 23        | 12.568      | 1778          | 1782        | 1786         | rBV      | 362465         | 342329        | 19.49%          | 1.964%        |
| 24        | 12.651      | 1793          | 1796        | 1804         | rBV2     | 182172         | 205142        | 11.68%          | 1.177%        |
| 25        | 12.798      | 1818          | 1821        | 1827         | rVB      | 344148         | 317410        | 18.07%          | 1.821%        |
| 26        | 12.851      | 1827          | 1830        | 1834         | rVB2     | 20030          | 26544         | 1.51%           | 0.152%        |
| 27        | 12.927      | 1839          | 1843        | 1847         | rVV      | 1825748        | 1756550       | 100.00%         | 10.076%       |
| 28        | 12.968      | 1847          | 1850        | 1854         | rVB3     | 21237          | 23822         | 1.36%           | 0.137%        |
| 29        | 13.021      | 1854          | 1859        | 1864         | rBV4     | 32593          | 55947         | 3.19%           | 0.321%        |
| 30        | 13.110      | 1869          | 1874        | 1875         | rBV3     | 27189          | 34994         | 1.99%           | 0.201%        |
| 31        | 13.233      | 1891          | 1895        | 1898         | rVB2     | 37394          | 39849         | 2.27%           | 0.229%        |
| 32        | 13.327      | 1908          | 1911        | 1913         | rBV      | 23238          | 18162         | 1.03%           | 0.104%        |
| 33        | 13.357      | 1913          | 1916        | 1919         | rBV3     | 24465          | 29098         | 1.66%           | 0.167%        |
| 34        | 13.486      | 1936          | 1938        | 1941         | rVB2     | 23116          | 21942         | 1.25%           | 0.126%        |

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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

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\_F\METHODS\8270-BF012519.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 13.645 | 1963 | 1965 | 1970 | rVB  | 36855  | 34245  | 1.95%  | 0.196% |
| 36 | 13.751 | 1981 | 1983 | 1985 | rBV2 | 31730  | 26265  | 1.50%  | 0.151% |
| 37 | 13.815 | 1990 | 1994 | 1999 | rBV2 | 238444 | 299056 | 17.03% | 1.715% |
| 38 | 13.998 | 2020 | 2025 | 2028 | rBV2 | 736256 | 787266 | 44.82% | 4.516% |
| 39 | 14.021 | 2028 | 2029 | 2033 | rVB  | 146150 | 118263 | 6.73%  | 0.678% |
| 40 | 14.133 | 2045 | 2048 | 2051 | rBV  | 120783 | 105949 | 6.03%  | 0.608% |
| 41 | 14.386 | 2089 | 2091 | 2095 | rVB  | 32394  | 33859  | 1.93%  | 0.194% |
| 42 | 14.439 | 2096 | 2100 | 2102 | rBV  | 213779 | 207503 | 11.81% | 1.190% |
| 43 | 14.739 | 2146 | 2151 | 2156 | rVB  | 287033 | 292784 | 16.67% | 1.679% |
| 44 | 14.880 | 2173 | 2175 | 2180 | rVB5 | 41682  | 53361  | 3.04%  | 0.306% |
| 45 | 15.068 | 2200 | 2207 | 2211 | rBV2 | 380504 | 568597 | 32.37% | 3.262% |
| 46 | 15.351 | 2252 | 2255 | 2259 | rVB  | 75037  | 80995  | 4.61%  | 0.465% |
| 47 | 15.415 | 2263 | 2266 | 2267 | rVV  | 86891  | 86220  | 4.91%  | 0.495% |
| 48 | 15.445 | 2267 | 2271 | 2273 | rVV  | 257001 | 333844 | 19.01% | 1.915% |
| 49 | 15.474 | 2273 | 2276 | 2281 | rVB  | 336358 | 398413 | 22.68% | 2.285% |
| 50 | 15.868 | 2338 | 2343 | 2349 | rVB  | 204546 | 314415 | 17.90% | 1.804% |
| 51 | 16.362 | 2423 | 2427 | 2432 | rBV2 | 94658  | 141924 | 8.08%  | 0.814% |
| 52 | 16.945 | 2522 | 2526 | 2528 | rBV4 | 40160  | 66429  | 3.78%  | 0.381% |

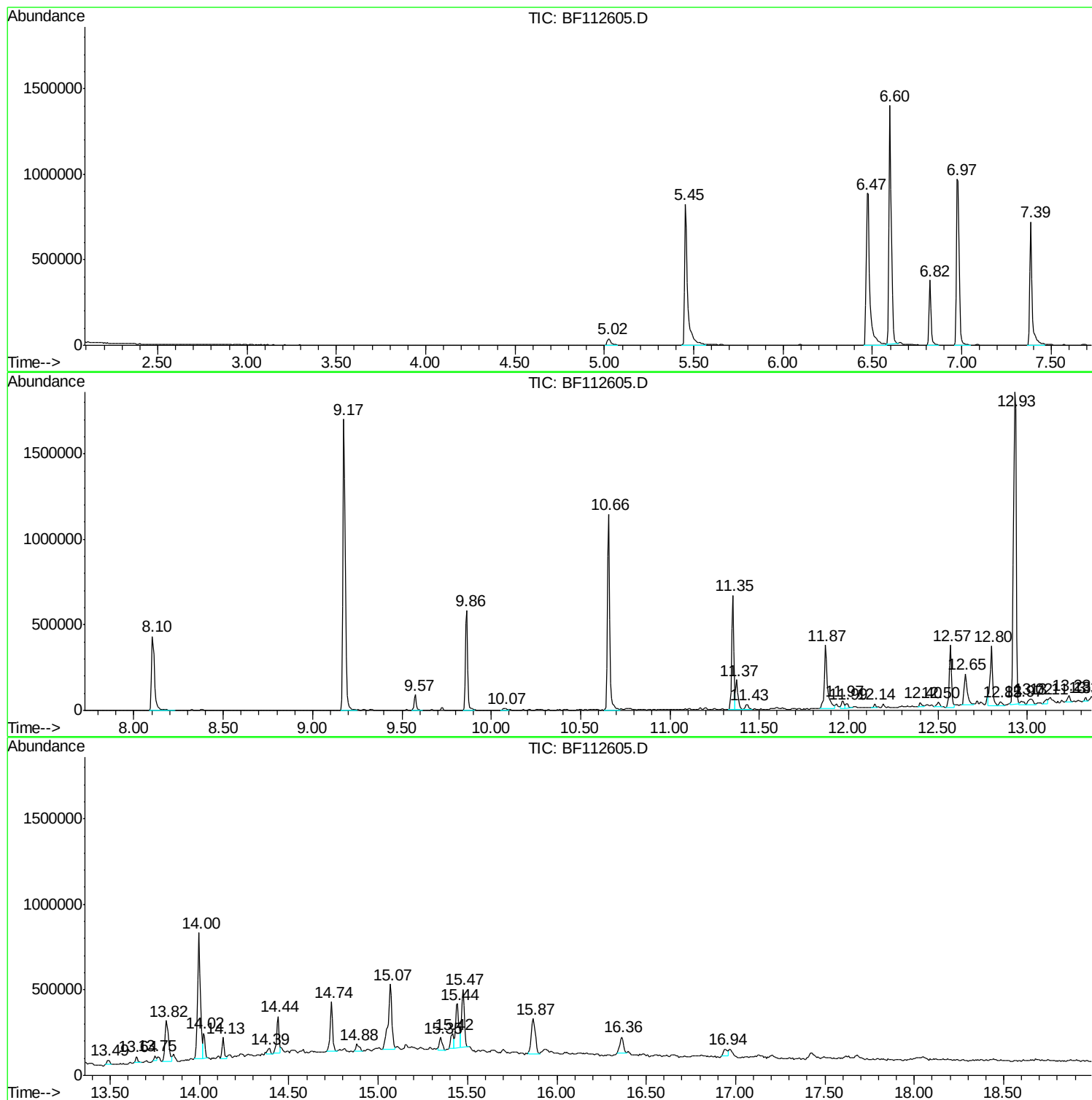
Sum of corrected areas: 17432895

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Instrument :  
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ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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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Data File : BF112605.D  
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Sample : K1518-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

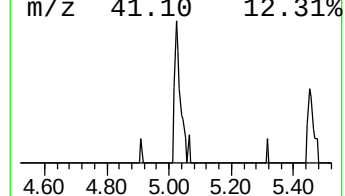
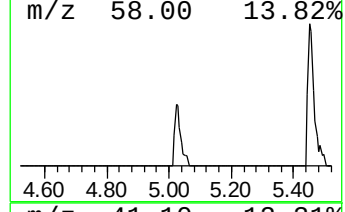
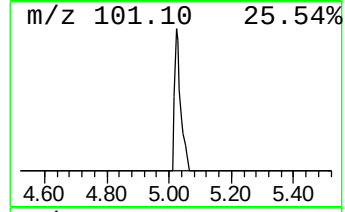
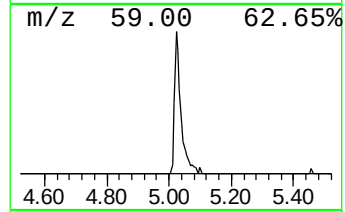
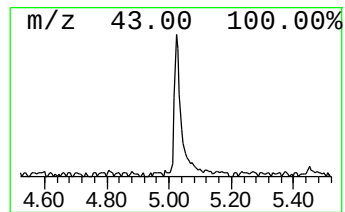
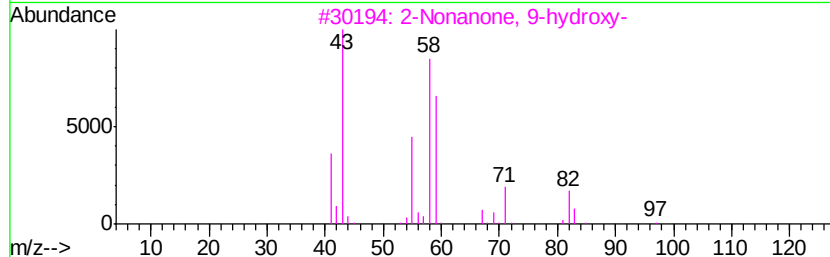
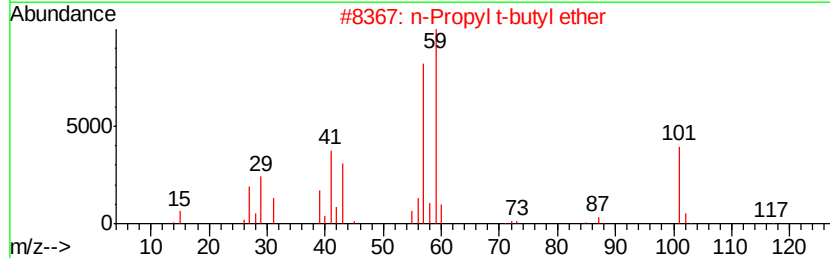
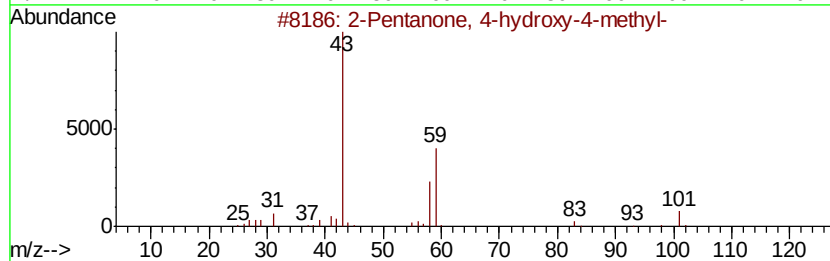
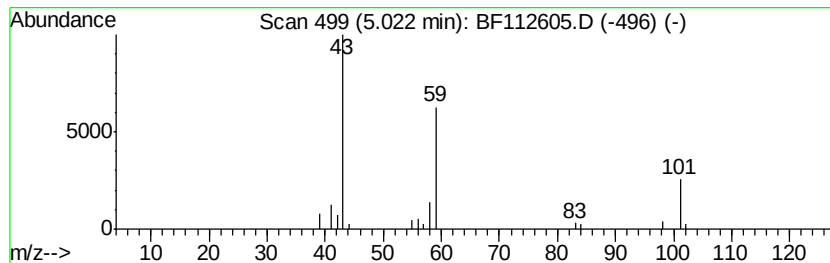
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.02 | 3.14 ng | 51854 | 1,4-Dichlorobenzene-d4 | 6.82 |

| Hit# of 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|-----------|----------------------------------|-----|---------|--------------|------|
| 1         | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2  | 40   |
| 2         | n-Propyl t-butyl ether           | 116 | C7H16O  | 1000334-81-9 | 36   |
| 3         | 2-Nonanone, 9-hydroxy-           | 158 | C9H18O2 | 025368-56-3  | 28   |
| 4         | Propane, 1-(1-methylethoxy)-     | 102 | C6H14O  | 000627-08-7  | 9    |
| 5         | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9  | 9    |



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CABLE-BRIDGE-FOUNDATION-D-6

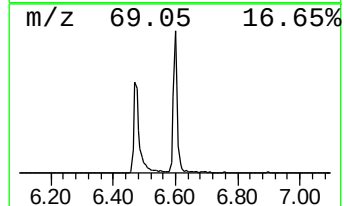
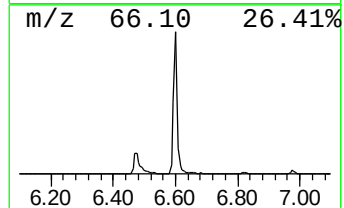
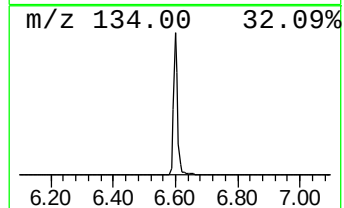
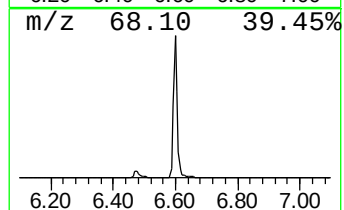
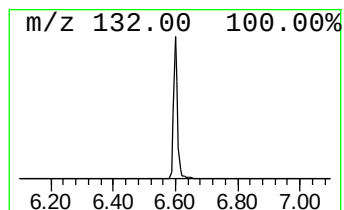
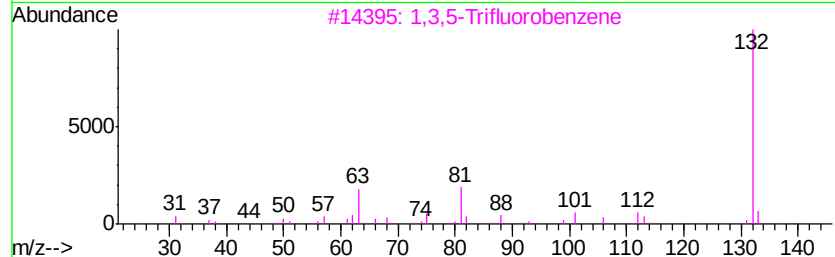
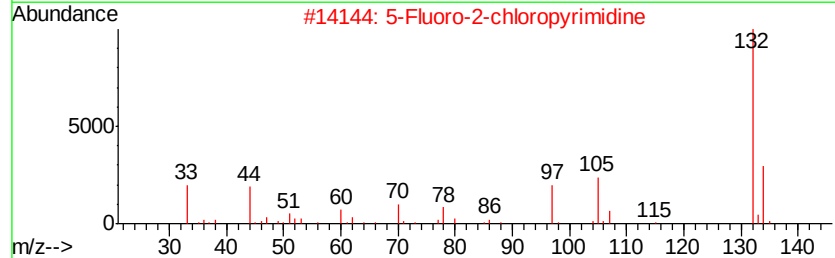
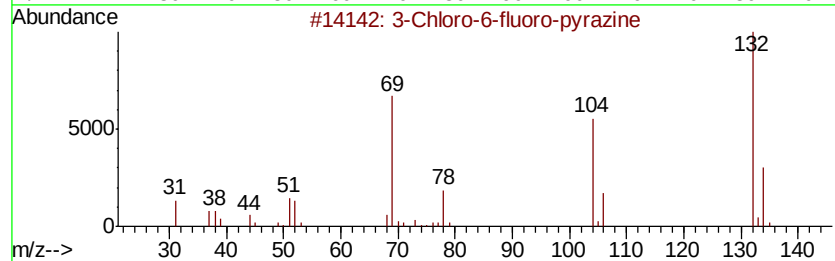
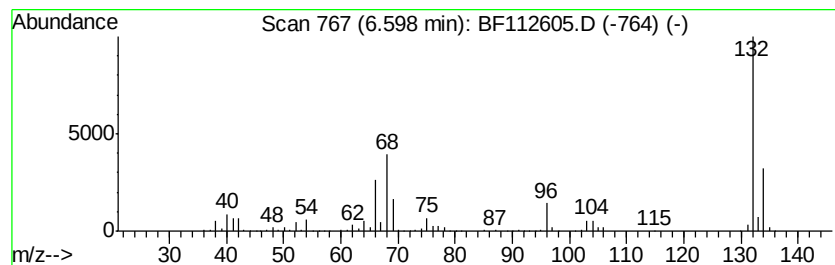
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.60 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.60 | 74.33 ng | 1227140 | 1,4-Dichlorobenzene-d4 | 6.82 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | 1,3,5-Trifluorobenzene              | 132 | C6H3F3    | 000372-38-3  | 9    |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

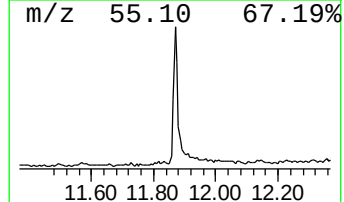
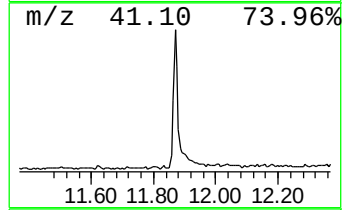
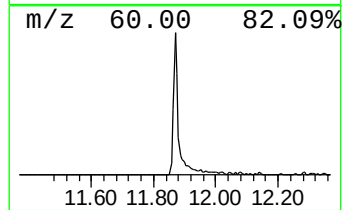
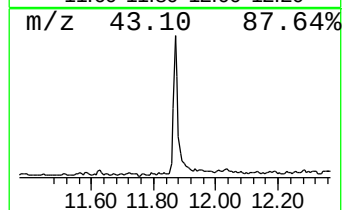
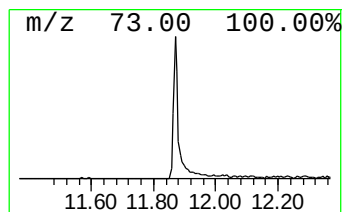
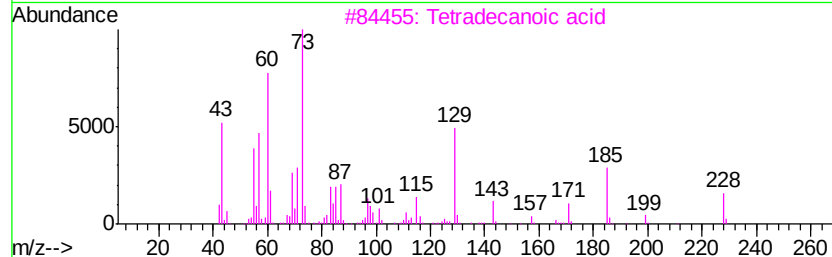
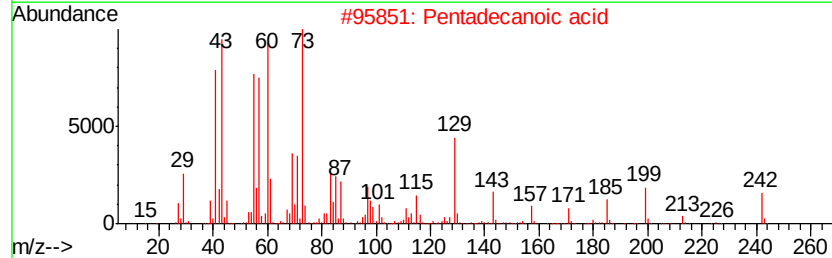
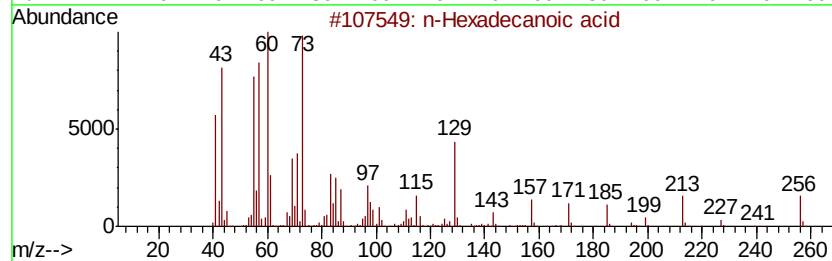
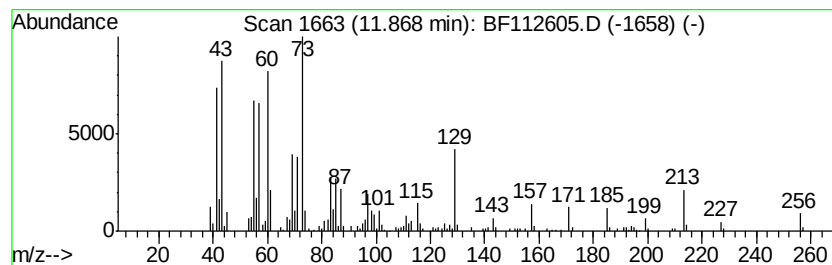
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 11.87 | 15.59 ng | 464928 | Phenanthrene-d10 | 11.35 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2       |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 3       |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 91   |
| 4       |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |
| 5       |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 83   |



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CABLE-BRIDGE-FOUNDATION-D-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

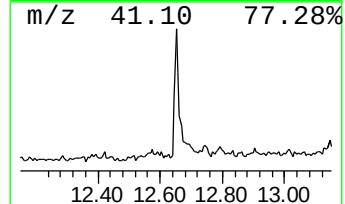
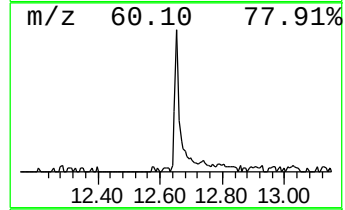
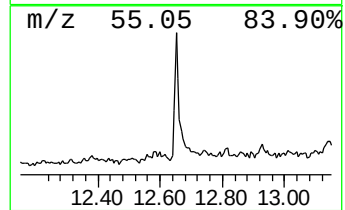
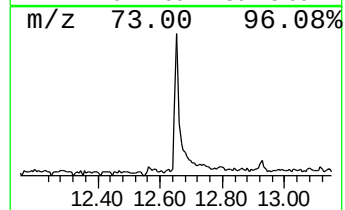
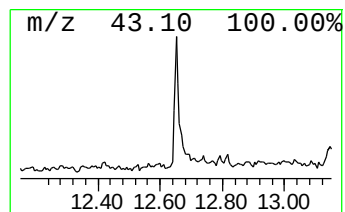
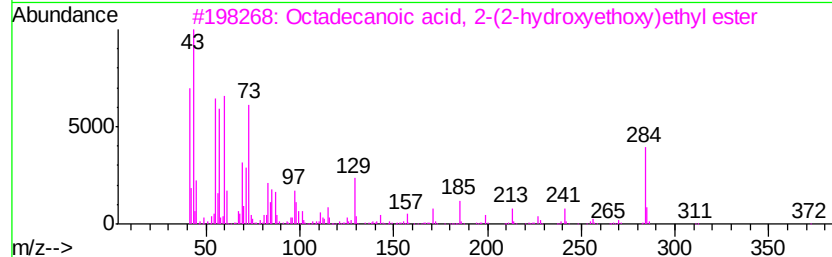
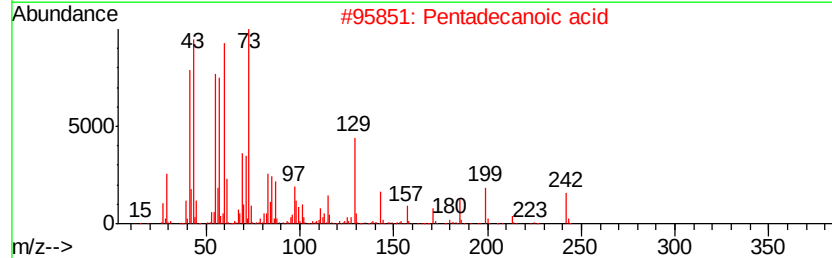
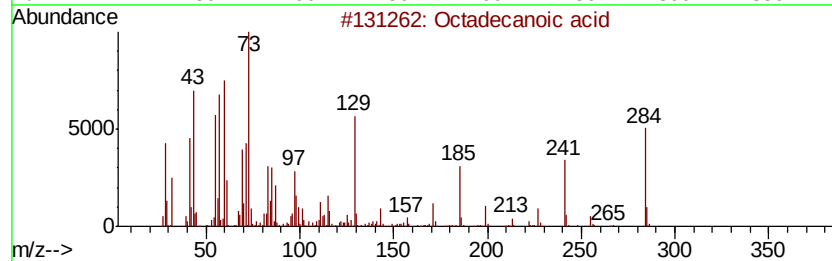
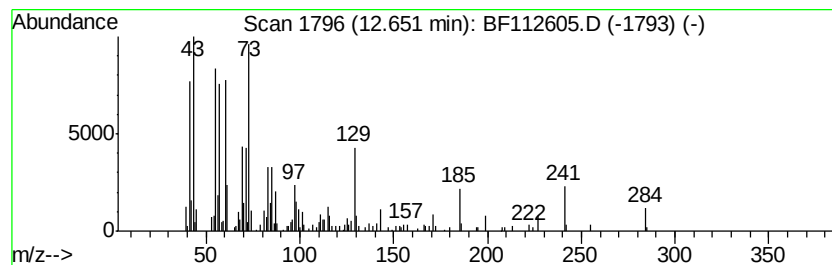
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Octadecanoic acid Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.65 | 6.88 ng | 205142 | Phenanthrene-d10 | 11.35 |

| 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 | 91   |
| 3       |   | Octadecanoic acid, 2-(2-hydroxyve... | 372 | C22H44O4 | 000106-11-6 | 91   |
| 4       |   | n-Decanoic acid                      | 172 | C10H20O2 | 000334-48-5 | 70   |
| 5       |   | Tetradecanoic acid                   | 228 | C14H28O2 | 000544-63-8 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\  
Data File : BF112605.D  
Acq On : 18 Feb 2019 17:12  
Operator : JU/SJ  
Sample : K1518-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

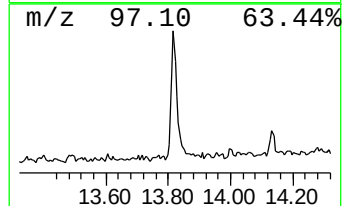
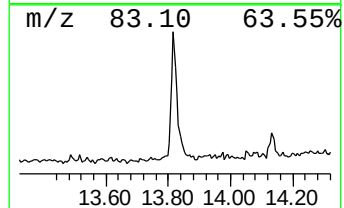
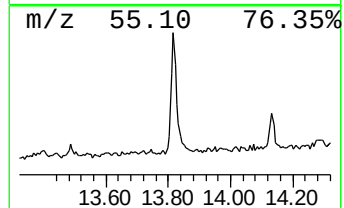
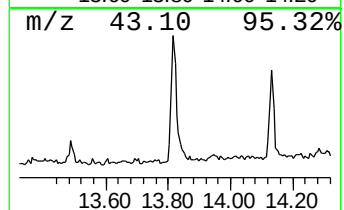
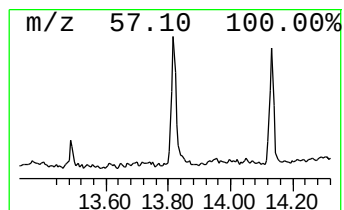
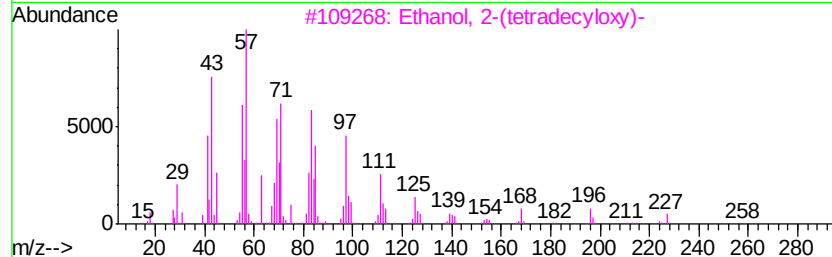
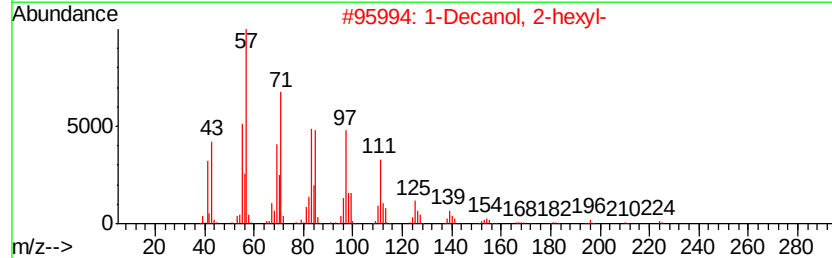
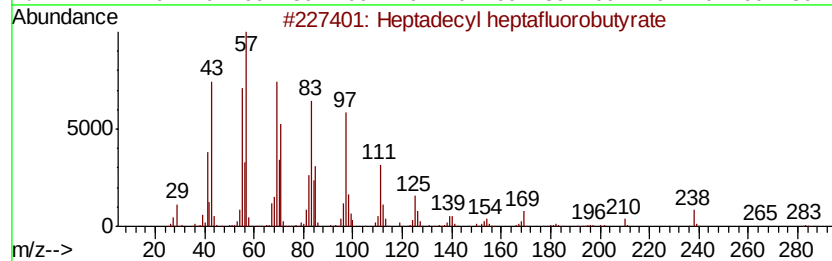
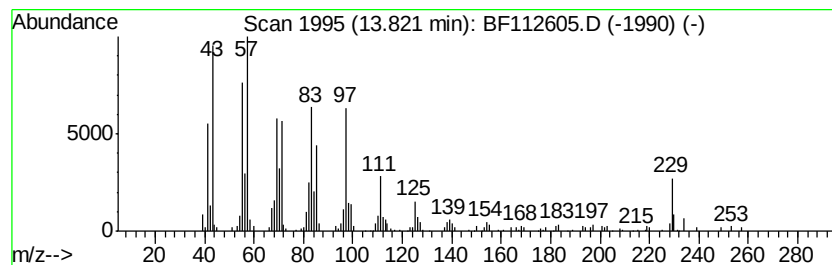
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.82 | 7.60 ng | 299056 | Chrysene-d12     | 14.00 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Heptadecyl heptafluorobutyrte       | 452 | C21H35F7O2 | 959085-66-6  | 90   |
| 2    |    | 1-Decanol, 2-hexyl-                 | 242 | C16H34O    | 002425-77-6  | 90   |
| 3    |    | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2   | 002136-70-1  | 90   |
| 4    |    | Hexacosyl heptafluorobutyrte        | 578 | C30H53F7O2 | 1000351-83-3 | 87   |
| 5    |    | Pentafluoropropionic acid, tetra... | 360 | C17H29F5O2 | 006222-06-6  | 70   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\  
Data File : BF112605.D  
Acq On : 18 Feb 2019 17:12  
Operator : JU/SJ  
Sample : K1518-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

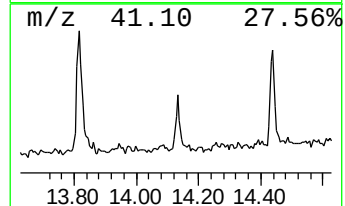
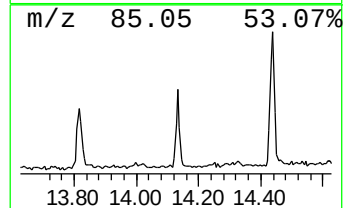
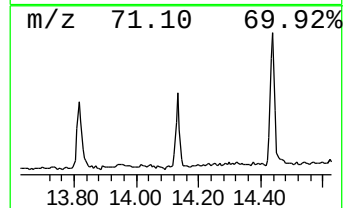
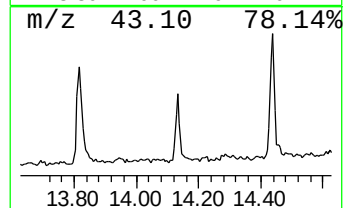
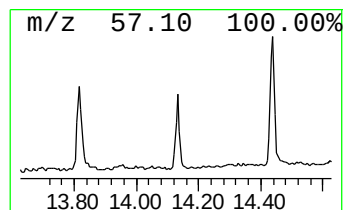
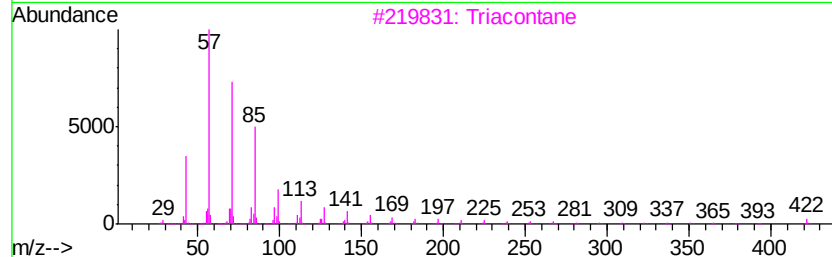
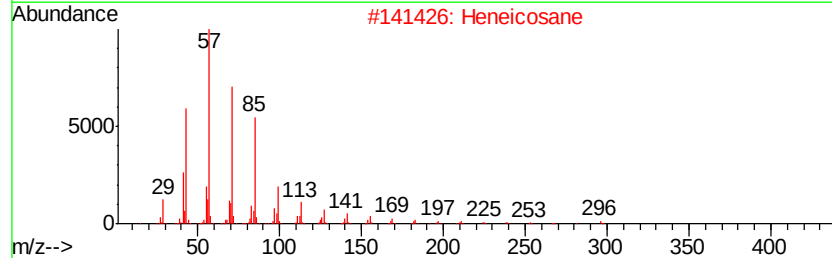
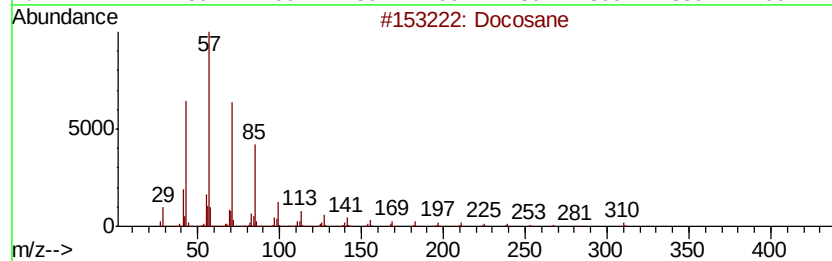
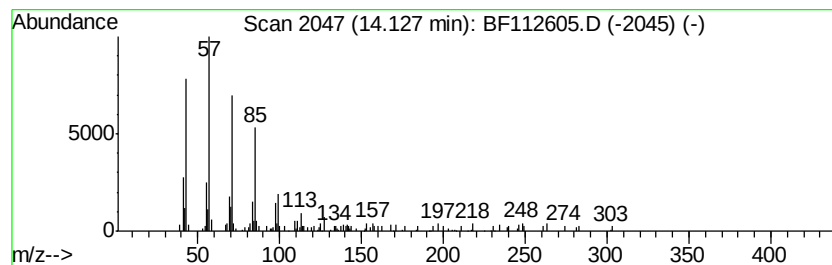
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Docosane Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.13 | 2.69 ng | 105949 | Chrysene-d12     | 14.00 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#         | Qual |
|------|----|---------------------|-----|---------|--------------|------|
| 1    | 5  | Docosane            | 310 | C22H46  | 000629-97-0  | 87   |
| 2    |    | Heneicosane         | 296 | C21H44  | 000629-94-7  | 87   |
| 3    |    | Triacontane         | 422 | C30H62  | 000638-68-6  | 87   |
| 4    |    | 2-methyloctacosane  | 408 | C29H60  | 1000376-72-8 | 87   |
| 5    |    | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\  
Data File : BF112605.D  
Acq On : 18 Feb 2019 17:12  
Operator : JU/SJ  
Sample : K1518-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

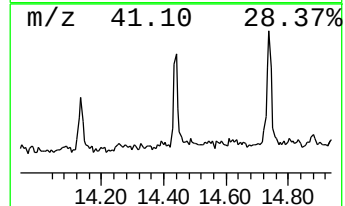
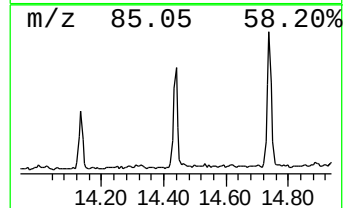
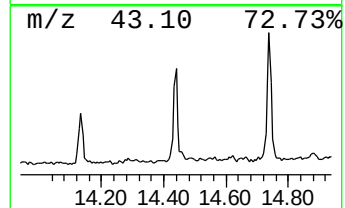
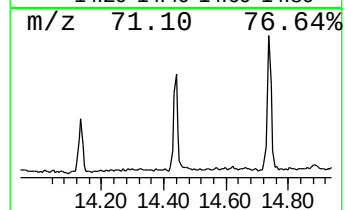
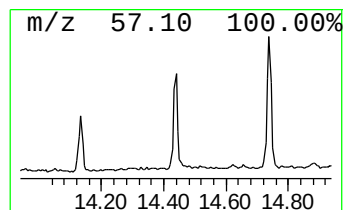
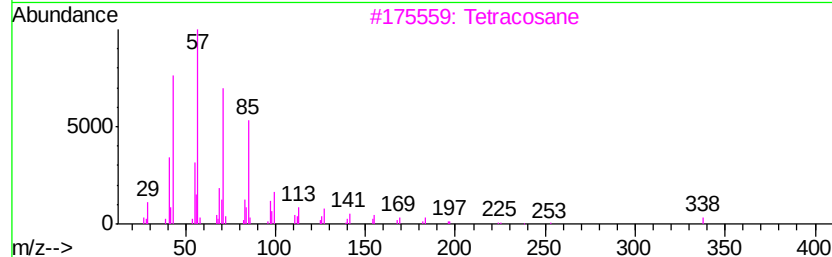
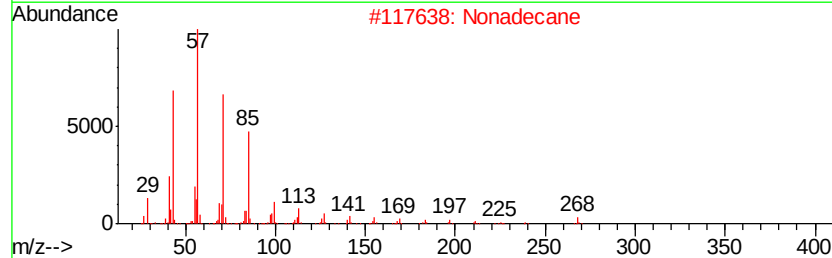
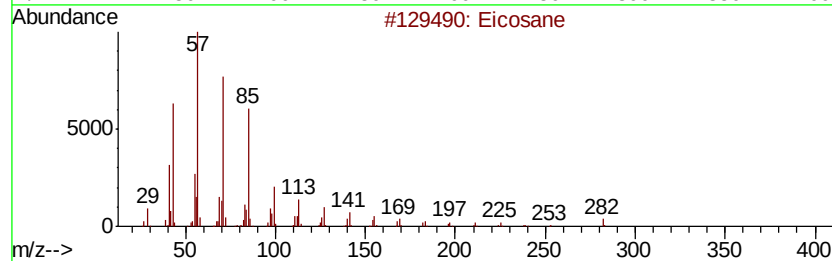
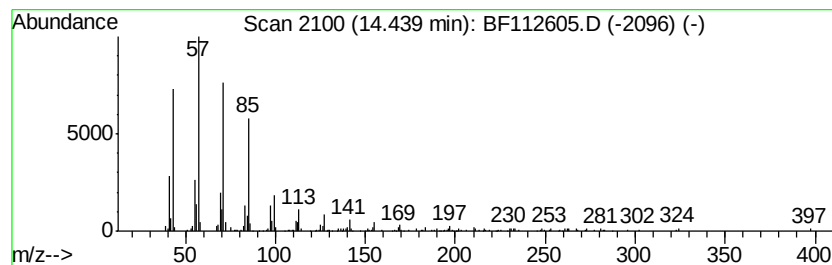
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ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Eicosane Concentration Rank 9

| R.T.    | EstConc     | Area         | Relative to ISTD | R.T.           |
|---------|-------------|--------------|------------------|----------------|
| 14.44   | 5.27 ng     | 207503       | Chrysene-d12     | 14.00          |
| Hit# of | 5           | Tentative ID | MW MolForm       | CAS# Qual      |
| 1       | Eicosane    |              | 282 C20H42       | 000112-95-8 97 |
| 2       | Nonadecane  |              | 268 C19H40       | 000629-92-5 94 |
| 3       | Tetracosane |              | 338 C24H50       | 000646-31-1 94 |
| 4       | Tricosane   |              | 324 C23H48       | 000638-67-5 93 |
| 5       | Heneicosane |              | 296 C21H44       | 000629-94-7 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\  
Data File : BF112605.D  
Acq On : 18 Feb 2019 17:12  
Operator : JU/SJ  
Sample : K1518-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

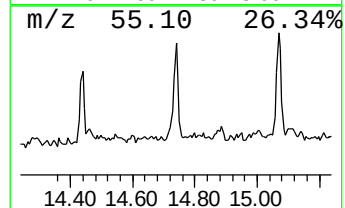
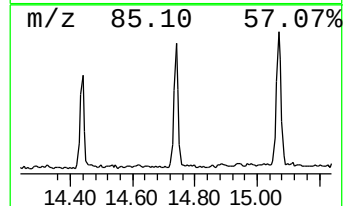
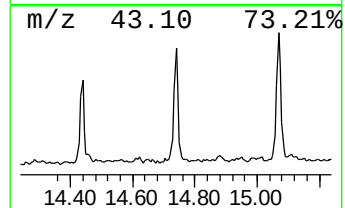
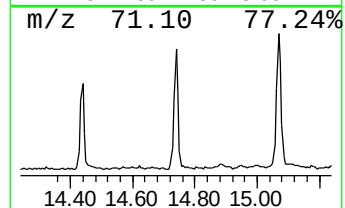
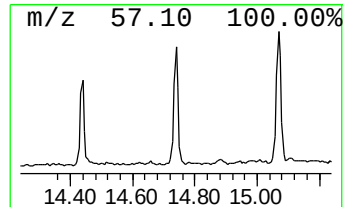
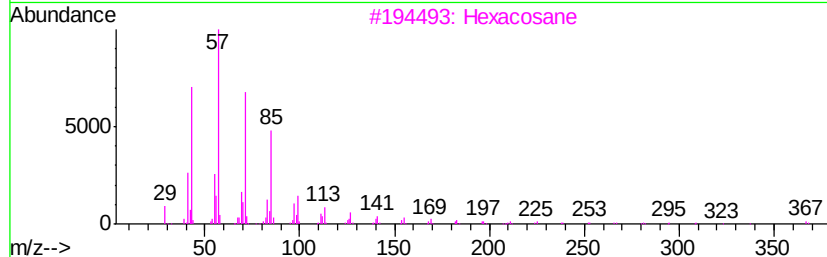
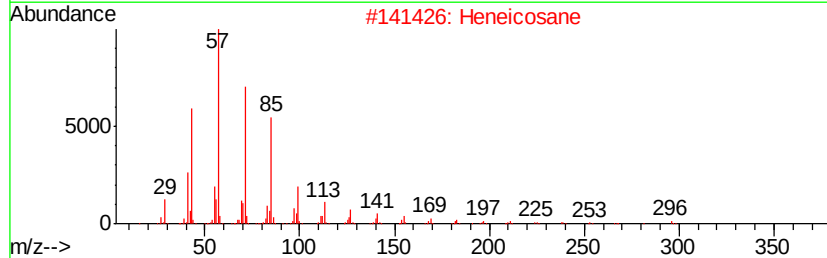
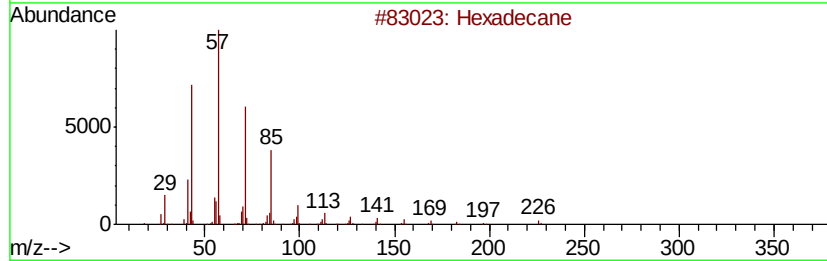
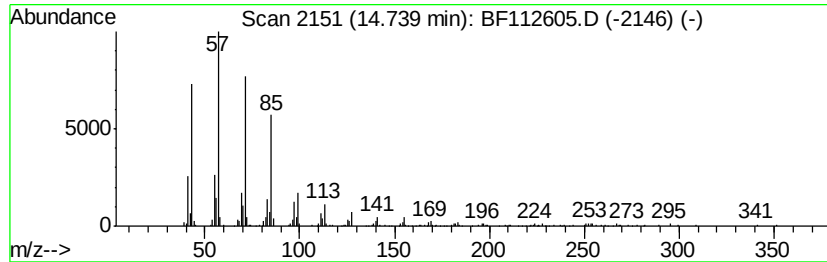
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Hexadecane Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 14.74 | 14.70 ng | 292784 | Perylene-d12     | 15.47 |

| Hit# of | 5                     | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------|--------------|-----|---------|-------------|------|
| 1       | Hexadecane            |              | 226 | C16H34  | 000544-76-3 | 95   |
| 2       | Heneicosane           |              | 296 | C21H44  | 000629-94-7 | 91   |
| 3       | Hexacosane            |              | 366 | C26H54  | 000630-01-3 | 91   |
| 4       | Heptacosane           |              | 380 | C27H56  | 000593-49-7 | 91   |
| 5       | Heptadecane, 9-octyl- |              | 352 | C25H52  | 007225-64-1 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\  
Data File : BF112605.D  
Acq On : 18 Feb 2019 17:12  
Operator : JU/SJ  
Sample : K1518-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

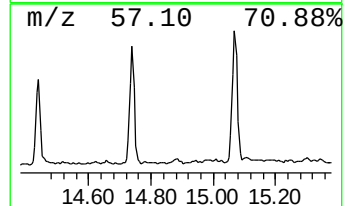
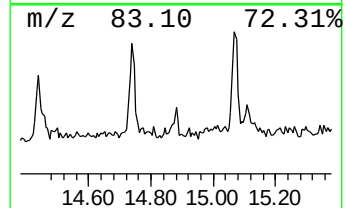
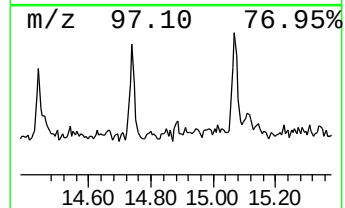
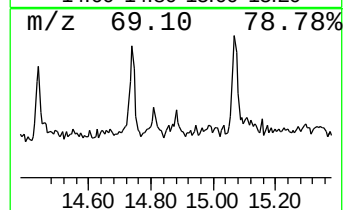
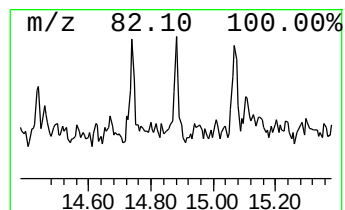
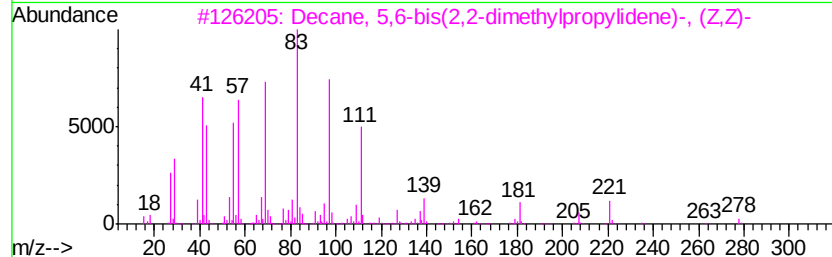
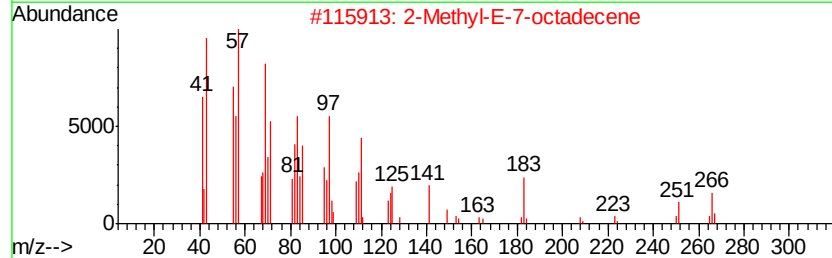
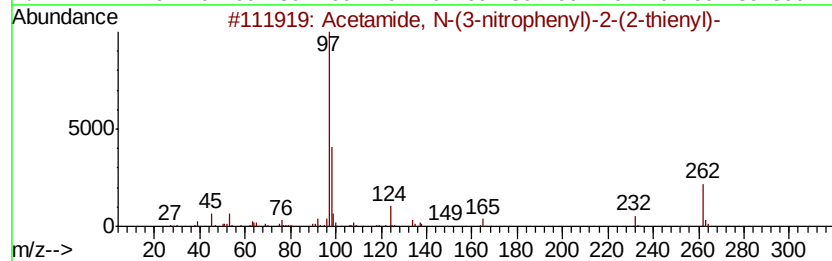
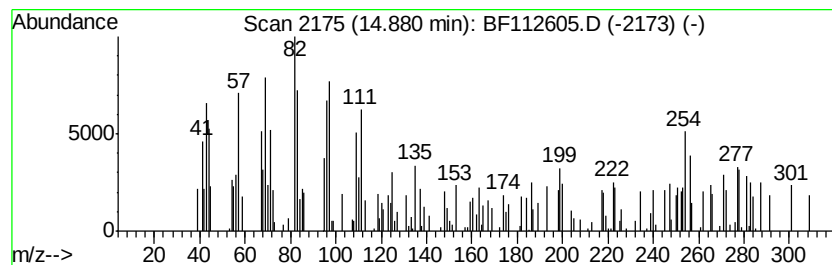
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown14.88 Concentration Rank 13

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.88 | 2.68 ng | 53361 | Perylene-d12     | 15.47 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Acetamide, N-(3-nitrophenyl)-2-(... | 262 | C12H10N2O3S | 1000306-90-7 | 22   |
| 2    |    |   | 2-Methyl-E-7-octadecene             | 266 | C19H38      | 1000130-92-3 | 20   |
| 3    |    |   | Decane, 5,6-bis(2,2-dimethylprop... | 278 | C20H38      | 073002-85-4  | 14   |
| 4    |    |   | 2-Octadecyl-propane-1,3-diol        | 328 | C21H44O2    | 005337-61-1  | 14   |
| 5    |    |   | Cyclohexane, 1-(1,5-dimethylhexy... | 280 | C20H40      | 056009-20-2  | 14   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\  
Data File : BF112605.D  
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Operator : JU/SJ  
Sample : K1518-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

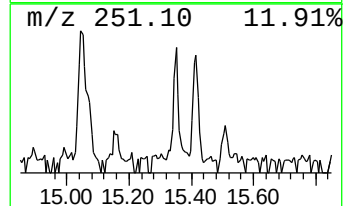
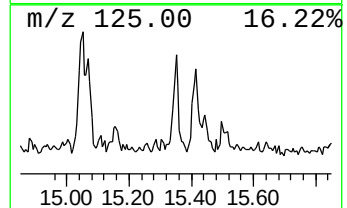
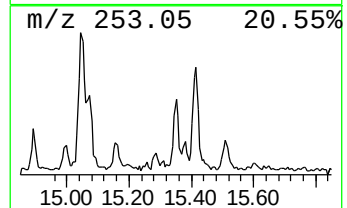
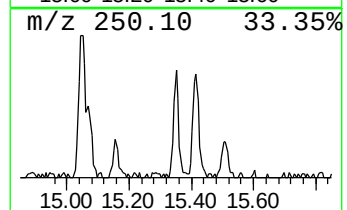
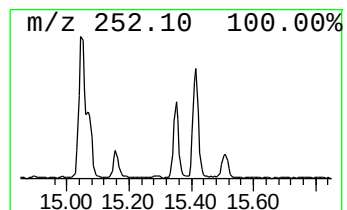
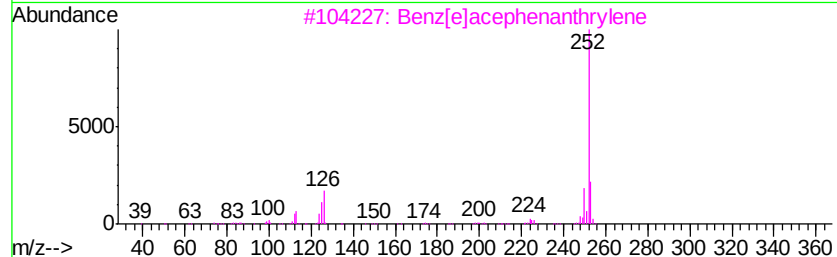
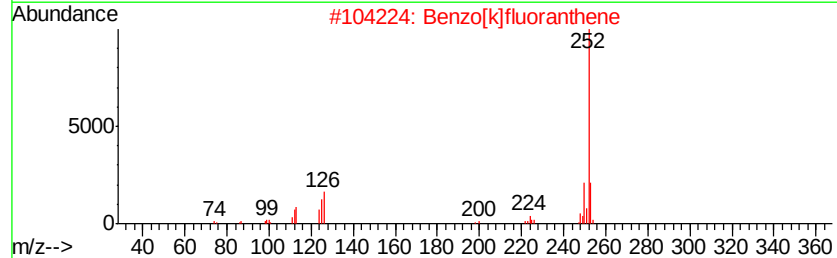
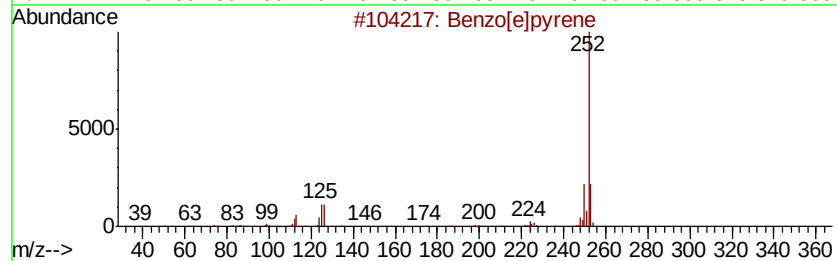
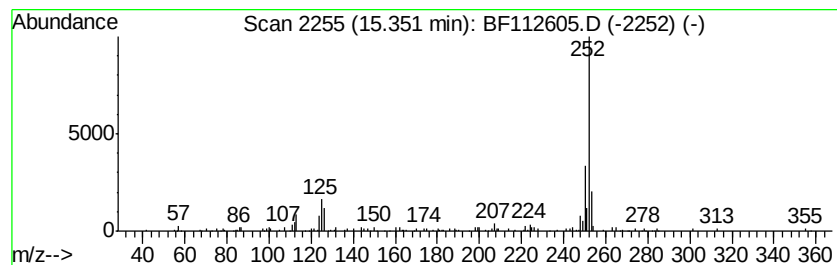
Instrument :  
BNA\_F  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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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Peak Number 11 Benzo[e]pyrene Concentration Rank 10

| R.T.    | EstConc | Area                      | Relative to ISTD | R.T.           |
|---------|---------|---------------------------|------------------|----------------|
| 15.35   | 4.07 ng | 80995                     | Perylene-d12     | 15.47          |
| Hit# of | 5       | Tentative ID              | MW MolForm       | CAS# Qual      |
| 1       |         | Benzo[e]pyrene            | 252 C20H12       | 000192-97-2 96 |
| 2       |         | Benzo[k]fluoranthene      | 252 C20H12       | 000207-08-9 95 |
| 3       |         | Benzo[e]acephenanthrylene | 252 C20H12       | 000205-99-2 93 |
| 4       |         | Benzo[a]pyrene            | 252 C20H12       | 000050-32-8 93 |
| 5       |         | Perylene                  | 252 C20H12       | 000198-55-0 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\  
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Operator : JU/SJ  
Sample : K1518-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

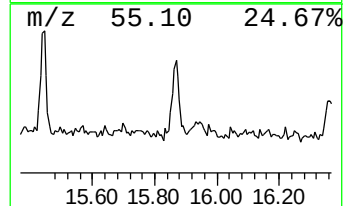
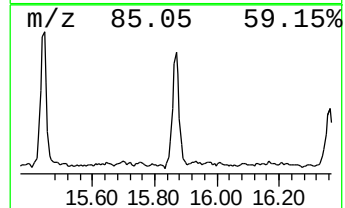
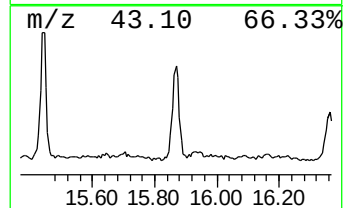
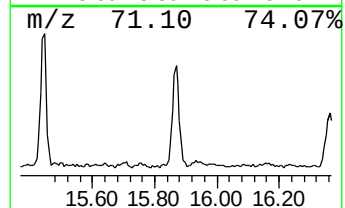
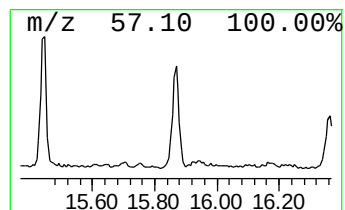
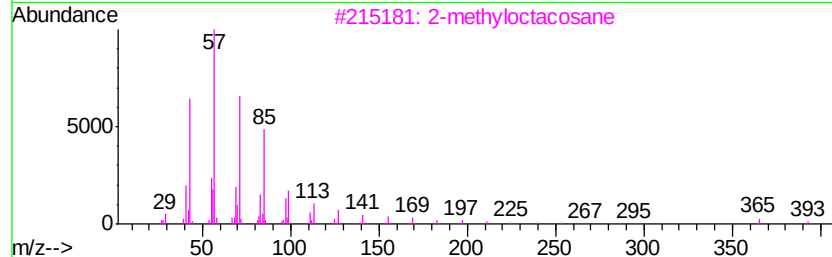
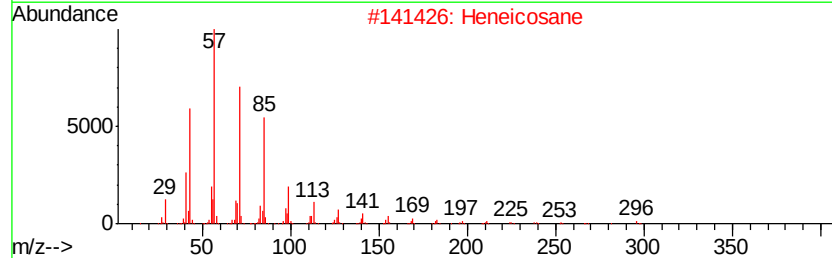
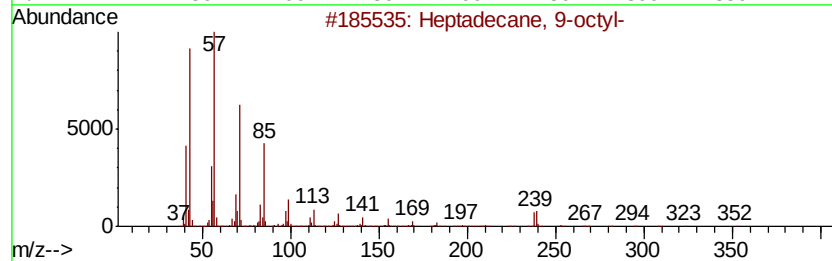
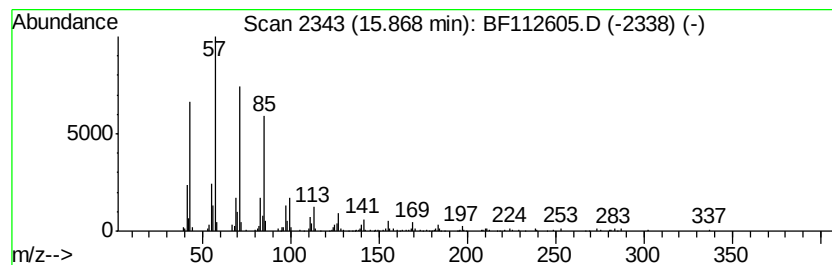
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.87 | 15.78 ng | 314415 | Perylene-d12     | 15.47 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |
| 2    |    | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 3    |    | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 4    |    | Hexacosane            | 366 | C26H54  | 000630-01-3  | 91   |
| 5    |    | Eicosane              | 282 | C20H42  | 000112-95-8  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\  
Data File : BF112605.D  
Acq On : 18 Feb 2019 17:12  
Operator : JU/SJ  
Sample : K1518-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

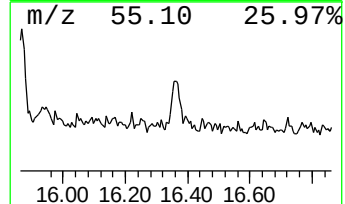
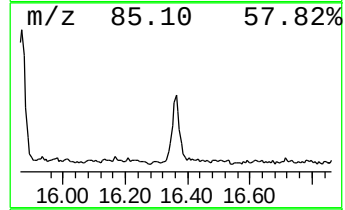
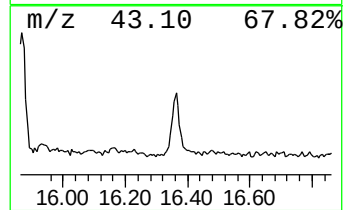
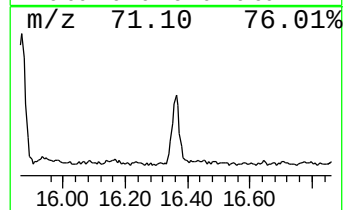
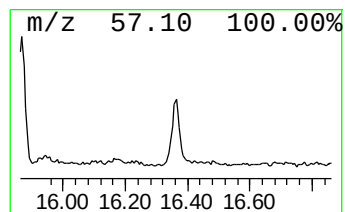
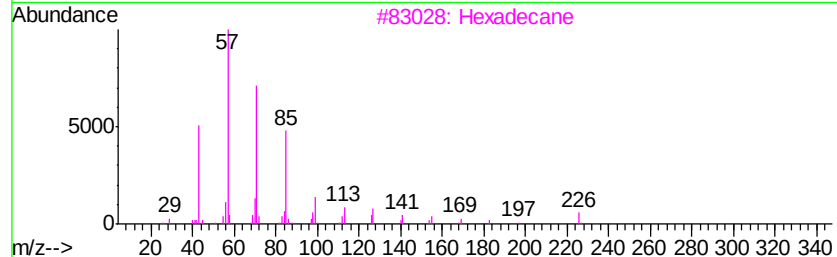
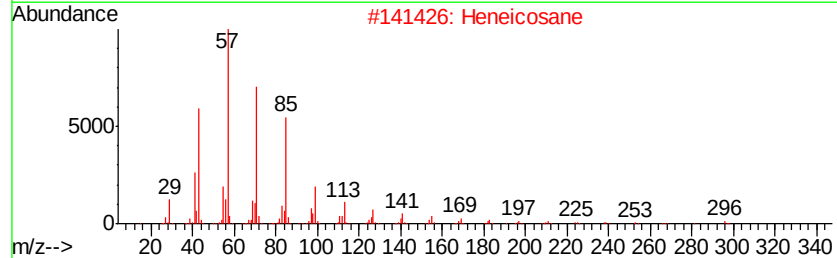
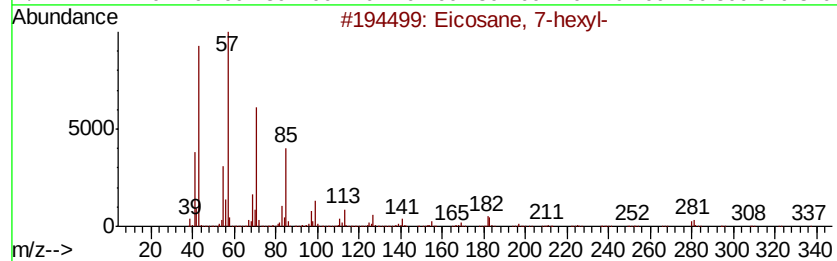
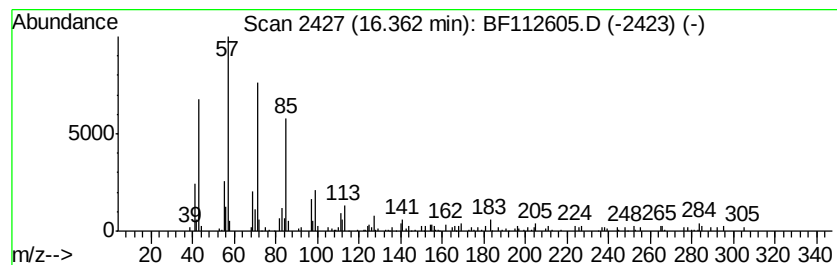
Instrument :  
BNA\_F  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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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Peak Number 13 Eicosane, 7-hexyl- Concentration Rank 7

| R.T.      | EstConc            | Area   | Relative to ISTD |              | R.T.  |
|-----------|--------------------|--------|------------------|--------------|-------|
| 16.36     | 7.12 ng            | 141924 | Perylene-d12     |              | 15.47 |
| Hit# of 5 | Tentative ID       | MW     | MolForm          | CAS#         | Qual  |
| 1         | Eicosane, 7-hexyl- | 366    | C26H54           | 055333-99-8  | 91    |
| 2         | Heneicosane        | 296    | C21H44           | 000629-94-7  | 90    |
| 3         | Hexadecane         | 226    | C16H34           | 000544-76-3  | 90    |
| 4         | 2-methyloctacosane | 408    | C29H60           | 1000376-72-8 | 90    |
| 5         | Hexacosane         | 366    | C26H54           | 000630-01-3  | 87    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF021819\  
 Data File : BF112605.D  
 Acq On : 18 Feb 2019 17:12  
 Operator : JU/SJ  
 Sample : K1518-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CABLE-BRIDGE-FOUNDATION-D-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012519.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 |
| 2-Pentanone, 4-hy... | 5.02  | 3.1 ng  |       | 51854    | 1                     | 6.82  | 330209 | 20.0 |
| unknown6.60          | 6.60  | 74.3 ng |       | 1227140  | 1                     | 6.82  | 330209 | 20.0 |
| n-Hexadecanoic acid  | 11.87 | 15.6 ng |       | 464928   | 4                     | 11.35 | 596594 | 20.0 |
| Octadecanoic acid    | 12.65 | 6.9 ng  |       | 205142   | 4                     | 11.35 | 596594 | 20.0 |
| Heptadecyl heptaf... | 13.82 | 7.6 ng  |       | 299056   | 5                     | 14.00 | 787266 | 20.0 |
| Docosane             | 14.13 | 2.7 ng  |       | 105949   | 5                     | 14.00 | 787266 | 20.0 |
| Eicosane             | 14.44 | 5.3 ng  |       | 207503   | 5                     | 14.00 | 787266 | 20.0 |
| Hexadecane           | 14.74 | 14.7 ng |       | 292784   | 6                     | 15.47 | 398413 | 20.0 |
| unknown14.88         | 14.88 | 2.7 ng  |       | 53361    | 6                     | 15.47 | 398413 | 20.0 |
| Benzo[e]pyrene       | 15.35 | 4.1 ng  |       | 80995    | 6                     | 15.47 | 398413 | 20.0 |
| Heptadecane, 9-oc... | 15.87 | 15.8 ng |       | 314415   | 6                     | 15.47 | 398413 | 20.0 |
| Eicosane, 7-hexyl-   | 16.36 | 7.1 ng  |       | 141924   | 6                     | 15.47 | 398413 | 20.0 |