

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
 Data File : BF120423.D  
 Acq On : 28 May 2020 22:24  
 Operator : MA/SJ  
 Sample : L2744-18  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NM67-COMP-2020-0-6

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-BF052820.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         | 1.963       | 10            | 13          | 30           | rVV      | 1996537        | 2632302       | 58.24%          | 4.554%        |
| 2         | 2.087       | 30            | 34          | 45           | rVB      | 812817         | 1101389       | 24.37%          | 1.905%        |
| 3         | 5.028       | 522           | 534         | 538          | rBV      | 39064          | 74060         | 1.64%           | 0.128%        |
| 4         | 5.457       | 602           | 607         | 610          | rBV      | 4296179        | 4114030       | 91.02%          | 7.118%        |
| 5         | 6.469       | 773           | 779         | 782          | rBV      | 4091901        | 4157617       | 91.98%          | 7.193%        |
| 6         | 6.669       | 810           | 813         | 818          | rBV      | 57262          | 55225         | 1.22%           | 0.096%        |
| 7         | 6.840       | 839           | 842         | 846          | rBV      | 1611708        | 1343530       | 29.72%          | 2.324%        |
| 8         | 6.998       | 865           | 869         | 872          | rVB      | 4195799        | 3560904       | 78.78%          | 6.161%        |
| 9         | 7.404       | 932           | 938         | 941          | rBV      | 2652491        | 2644033       | 58.50%          | 4.574%        |
| 10        | 7.604       | 968           | 972         | 976          | rBV      | 85110          | 72125         | 1.60%           | 0.125%        |
| 11        | 8.122       | 1056          | 1060        | 1063         | rBV      | 1937758        | 1567805       | 34.69%          | 2.712%        |
| 12        | 9.198       | 1238          | 1243        | 1246         | rBV      | 5384979        | 4520092       | 100.00%         | 7.820%        |
| 13        | 9.592       | 1306          | 1310        | 1313         | rBV      | 821771         | 695341        | 15.38%          | 1.203%        |
| 14        | 9.622       | 1313          | 1315        | 1319         | rVB      | 286928         | 219497        | 4.86%           | 0.380%        |
| 15        | 9.733       | 1331          | 1334        | 1337         | rBV      | 65666          | 54474         | 1.21%           | 0.094%        |
| 16        | 9.875       | 1352          | 1358        | 1362         | rBV      | 1909957        | 1654349       | 36.60%          | 2.862%        |
| 17        | 9.910       | 1362          | 1364        | 1369         | rVB3     | 68806          | 65835         | 1.46%           | 0.114%        |
| 18        | 10.075      | 1389          | 1392        | 1395         | rBV2     | 53970          | 51851         | 1.15%           | 0.090%        |
| 19        | 10.663      | 1487          | 1492        | 1495         | rBV      | 2721889        | 2390055       | 52.88%          | 4.135%        |
| 20        | 10.869      | 1522          | 1527        | 1532         | rBV4     | 42429          | 68417         | 1.51%           | 0.118%        |
| 21        | 11.227      | 1581          | 1588        | 1591         | rBV6     | 31482          | 70075         | 1.55%           | 0.121%        |
| 22        | 11.304      | 1599          | 1601        | 1605         | rBV      | 103292         | 114586        | 2.54%           | 0.198%        |
| 23        | 11.357      | 1605          | 1610        | 1613         | rVV      | 1635751        | 1565076       | 34.62%          | 2.708%        |
| 24        | 11.380      | 1613          | 1614        | 1618         | rVB      | 509261         | 357962        | 7.92%           | 0.619%        |
| 25        | 11.433      | 1618          | 1623        | 1626         | rBV      | 140418         | 135779        | 3.00%           | 0.235%        |
| 26        | 11.586      | 1644          | 1649        | 1652         | rBV2     | 57012          | 74270         | 1.64%           | 0.128%        |
| 27        | 11.822      | 1684          | 1689        | 1691         | rBV2     | 165635         | 200623        | 4.44%           | 0.347%        |
| 28        | 11.857      | 1691          | 1695        | 1698         | rVV2     | 545750         | 564726        | 12.49%          | 0.977%        |
| 29        | 11.892      | 1698          | 1701        | 1705         | rVB      | 923290         | 809709        | 17.91%          | 1.401%        |
| 30        | 11.969      | 1711          | 1714        | 1717         | rBV2     | 120202         | 125249        | 2.77%           | 0.217%        |
| 31        | 12.063      | 1727          | 1730        | 1733         | rBV      | 91190          | 75361         | 1.67%           | 0.130%        |
| 32        | 12.157      | 1741          | 1746        | 1748         | rBV      | 73444          | 79274         | 1.75%           | 0.137%        |
| 33        | 12.410      | 1785          | 1789        | 1791         | rBV      | 103881         | 100597        | 2.23%           | 0.174%        |
| 34        | 12.451      | 1794          | 1796        | 1800         | rVB2     | 57186          | 60958         | 1.35%           | 0.105%        |

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 ALS Vial : 19 Sample Multiplier: 1

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 BNA\_F  
 ClientSampleId :  
 NM67-COMP-2020-0-6

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-BF052820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.492 | 1800 | 1803 | 1809 | rVB4 | 68166   | 90810   | 2.01%  | 0.157% |
| 36 | 12.569 | 1809 | 1816 | 1819 | rBV  | 1081019 | 1101912 | 24.38% | 1.906% |
| 37 | 12.610 | 1819 | 1823 | 1830 | rVB6 | 127281  | 214161  | 4.74%  | 0.371% |
| 38 | 12.674 | 1830 | 1834 | 1839 | rBV3 | 195901  | 226319  | 5.01%  | 0.392% |
| 39 | 12.798 | 1852 | 1855 | 1858 | rVB  | 1008924 | 829076  | 18.34% | 1.434% |
| 40 | 12.845 | 1861 | 1863 | 1868 | rVB2 | 72837   | 78617   | 1.74%  | 0.136% |
| 41 | 12.916 | 1872 | 1875 | 1876 | rBV  | 74393   | 62714   | 1.39%  | 0.108% |
| 42 | 12.945 | 1876 | 1880 | 1884 | rVB  | 4442084 | 4035856 | 89.29% | 6.982% |
| 43 | 13.016 | 1888 | 1892 | 1895 | rBV2 | 80651   | 118905  | 2.63%  | 0.206% |
| 44 | 13.104 | 1904 | 1907 | 1908 | rBV2 | 55677   | 59414   | 1.31%  | 0.103% |
| 45 | 13.127 | 1908 | 1911 | 1913 | rVB2 | 144961  | 130497  | 2.89%  | 0.226% |
| 46 | 13.157 | 1913 | 1916 | 1918 | rBV2 | 56585   | 51274   | 1.13%  | 0.089% |
| 47 | 13.192 | 1918 | 1922 | 1925 | rBV2 | 103458  | 138979  | 3.07%  | 0.240% |
| 48 | 13.227 | 1925 | 1928 | 1931 | rVV2 | 112420  | 121394  | 2.69%  | 0.210% |
| 49 | 13.321 | 1942 | 1944 | 1947 | rVB  | 83621   | 70885   | 1.57%  | 0.123% |
| 50 | 13.351 | 1947 | 1949 | 1953 | rVB2 | 81369   | 80321   | 1.78%  | 0.139% |
| 51 | 13.427 | 1959 | 1962 | 1967 | rBV2 | 221018  | 195616  | 4.33%  | 0.338% |
| 52 | 13.474 | 1968 | 1970 | 1973 | rBV2 | 102034  | 85110   | 1.88%  | 0.147% |
| 53 | 13.521 | 1976 | 1978 | 1981 | rVB2 | 93092   | 84703   | 1.87%  | 0.147% |
| 54 | 13.633 | 1994 | 1997 | 2001 | rVB  | 103133  | 135506  | 3.00%  | 0.234% |
| 55 | 13.745 | 2012 | 2016 | 2019 | rBV2 | 96498   | 136113  | 3.01%  | 0.235% |
| 56 | 13.774 | 2019 | 2021 | 2023 | rVV  | 129420  | 105569  | 2.34%  | 0.183% |
| 57 | 13.798 | 2023 | 2025 | 2029 | rVV2 | 94559   | 142330  | 3.15%  | 0.246% |
| 58 | 13.845 | 2029 | 2033 | 2041 | rVB3 | 607849  | 724211  | 16.02% | 1.253% |
| 59 | 13.998 | 2054 | 2059 | 2061 | rBV2 | 1694471 | 2066347 | 45.71% | 3.575% |
| 60 | 14.021 | 2061 | 2063 | 2069 | rVB  | 578775  | 475700  | 10.52% | 0.823% |
| 61 | 14.104 | 2075 | 2077 | 2080 | rVB  | 88793   | 69650   | 1.54%  | 0.120% |
| 62 | 14.168 | 2085 | 2088 | 2093 | rVV2 | 223448  | 231292  | 5.12%  | 0.400% |
| 63 | 14.380 | 2122 | 2124 | 2127 | rVB  | 118024  | 89188   | 1.97%  | 0.154% |
| 64 | 14.474 | 2137 | 2140 | 2144 | rBV  | 580529  | 584996  | 12.94% | 1.012% |
| 65 | 14.780 | 2188 | 2192 | 2195 | rBV  | 385811  | 435265  | 9.63%  | 0.753% |
| 66 | 14.921 | 2213 | 2216 | 2222 | rVB2 | 233238  | 271288  | 6.00%  | 0.469% |
| 67 | 15.027 | 2230 | 2234 | 2237 | rBV  | 459976  | 681085  | 15.07% | 1.178% |
| 68 | 15.115 | 2245 | 2249 | 2251 | rBV  | 634000  | 768242  | 17.00% | 1.329% |
| 69 | 15.327 | 2281 | 2285 | 2290 | rVB  | 275102  | 334583  | 7.40%  | 0.579% |
| 70 | 15.386 | 2291 | 2295 | 2299 | rVV  | 388831  | 440326  | 9.74%  | 0.762% |
| 71 | 15.451 | 2301 | 2306 | 2309 | rVV  | 1042931 | 1211574 | 26.80% | 2.096% |

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Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

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-BF052820.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 15.492 | 2309 | 2313 | 2318 | rVB2 | 359942 | 536724  | 11.87% | 0.929% |
| 73 | 15.692 | 2344 | 2347 | 2352 | rVB2 | 185949 | 223290  | 4.94%  | 0.386% |
| 74 | 15.927 | 2382 | 2387 | 2391 | rBV  | 693902 | 1003394 | 22.20% | 1.736% |
| 75 | 15.974 | 2391 | 2395 | 2404 | rVB2 | 337085 | 571381  | 12.64% | 0.989% |
| 76 | 16.421 | 2468 | 2471 | 2477 | rVB4 | 144711 | 227991  | 5.04%  | 0.394% |
| 77 | 16.715 | 2517 | 2521 | 2528 | rVB4 | 164876 | 290452  | 6.43%  | 0.503% |
| 78 | 16.886 | 2545 | 2550 | 2553 | rBV  | 182333 | 351974  | 7.79%  | 0.609% |
| 79 | 17.092 | 2578 | 2585 | 2597 | rVB5 | 737292 | 1727281 | 38.21% | 2.988% |
| 80 | 17.256 | 2609 | 2613 | 2619 | rVB2 | 191900 | 373070  | 8.25%  | 0.645% |
| 81 | 17.486 | 2648 | 2652 | 2660 | rVB7 | 199600 | 438761  | 9.71%  | 0.759% |

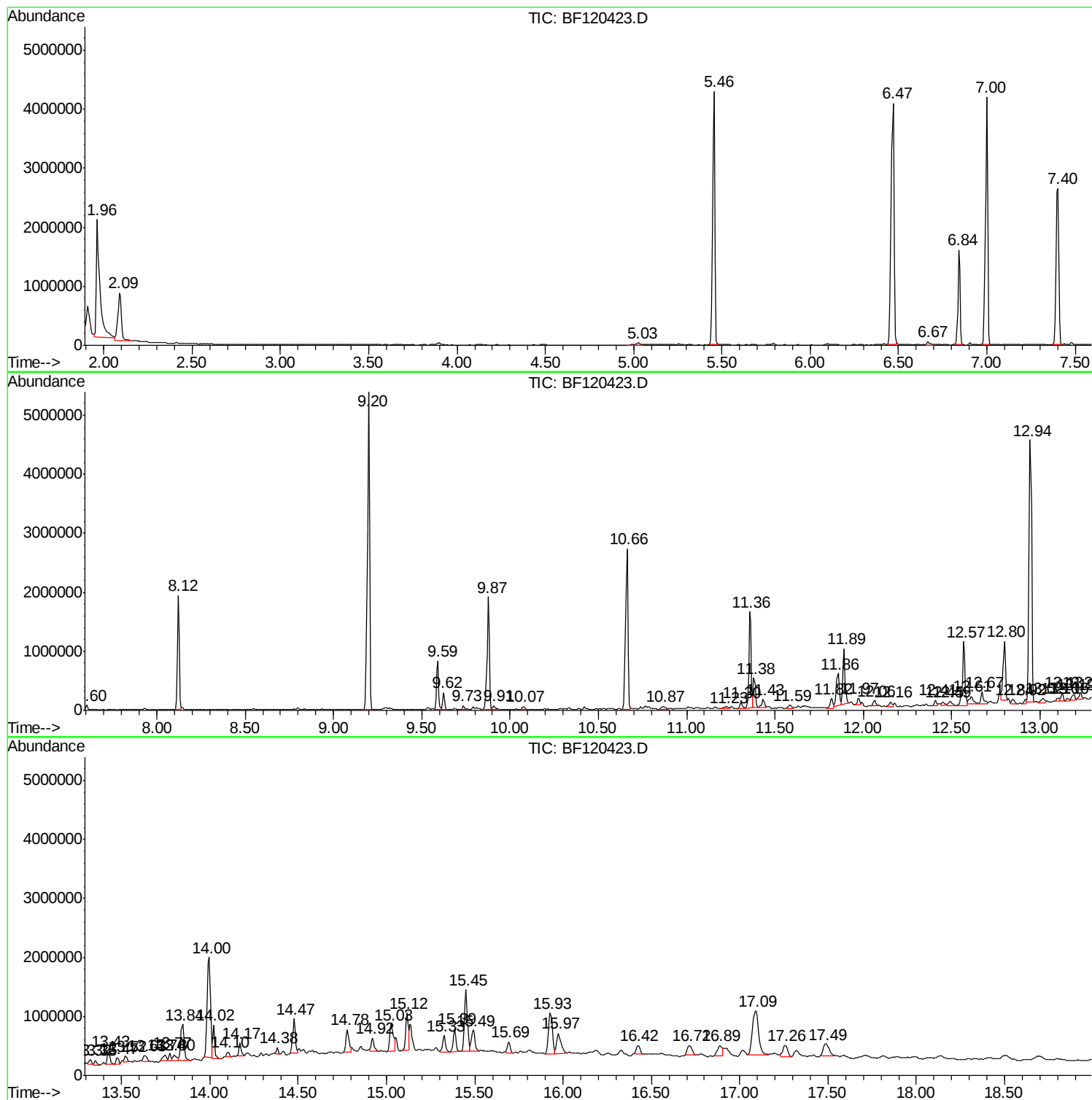
Sum of corrected areas: 57801322

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
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NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.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 F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
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Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

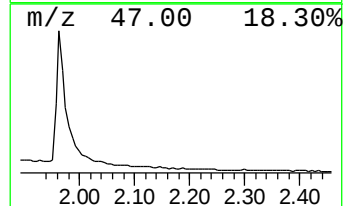
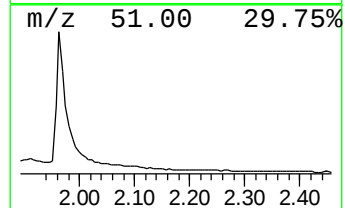
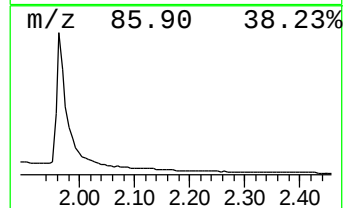
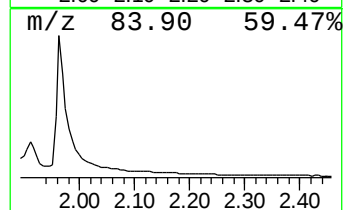
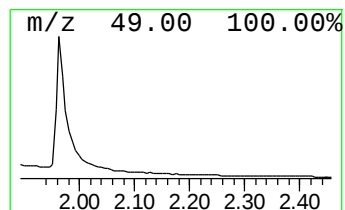
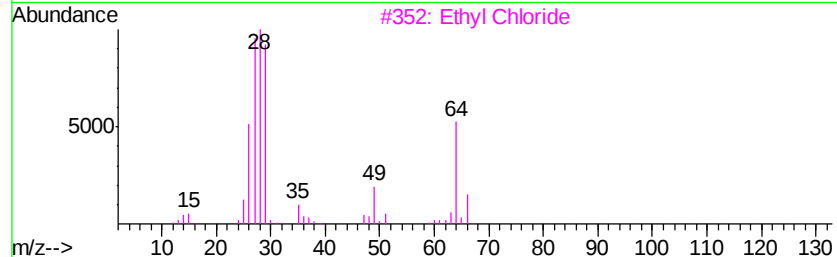
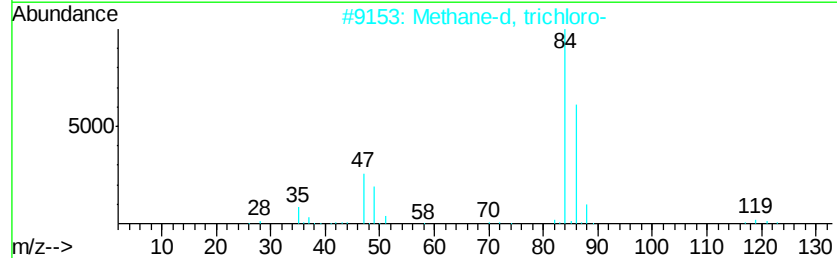
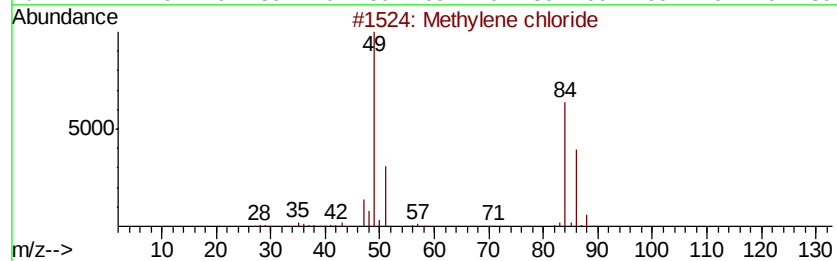
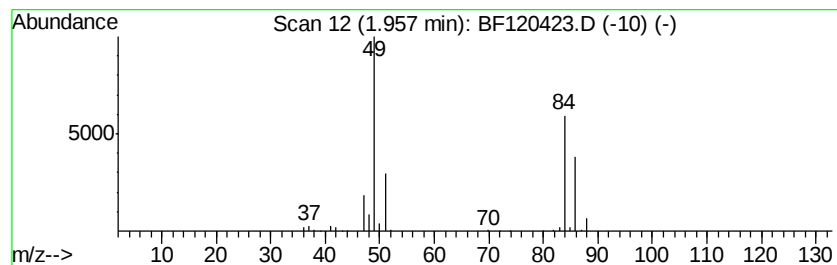
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Methylene chloride Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 1.96 | 39.18 ng | 2632300 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# | of | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------------------|-----|----------|-------------|------|
| 1    | 5  | Methylene chloride                | 84  | CH2Cl2   | 000075-09-2 | 95   |
| 2    |    | Methane-d, trichloro-             | 119 | CDCl3    | 000865-49-6 | 10   |
| 3    |    | Ethyl Chloride                    | 64  | C2H5Cl   | 000075-00-3 | 4    |
| 4    |    | Acetic acid, chloro-, ethyl ester | 122 | C4H7ClO2 | 000105-39-5 | 2    |
| 5    |    | 2-Chloroethanol                   | 80  | C2H5ClO  | 000107-07-3 | 1    |



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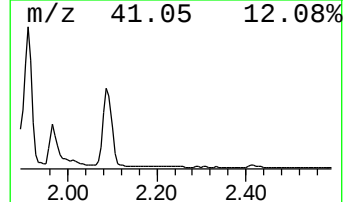
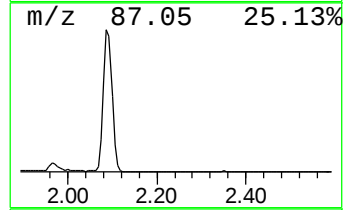
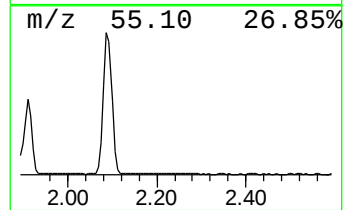
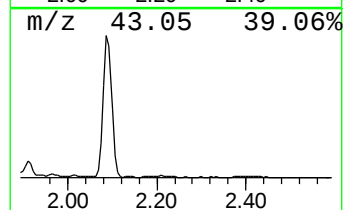
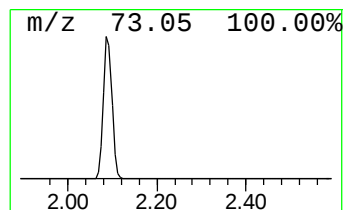
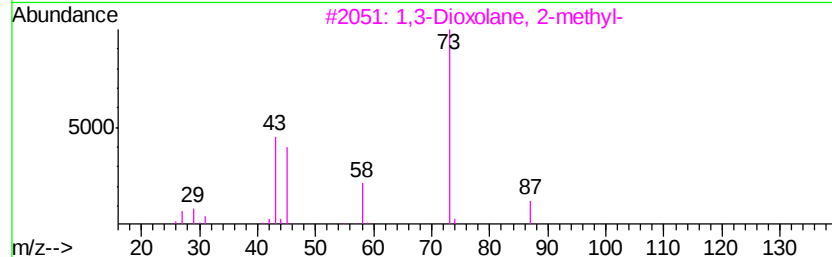
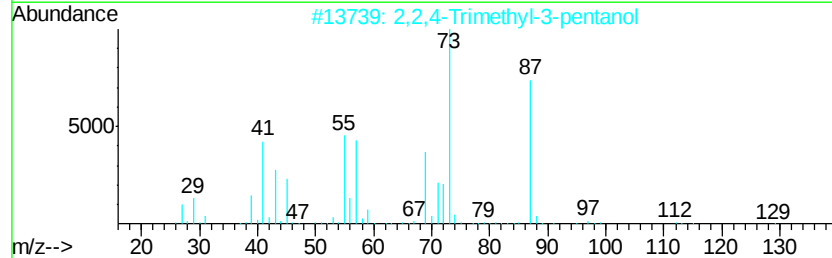
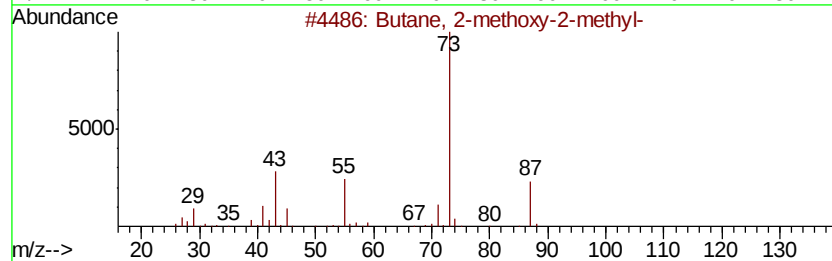
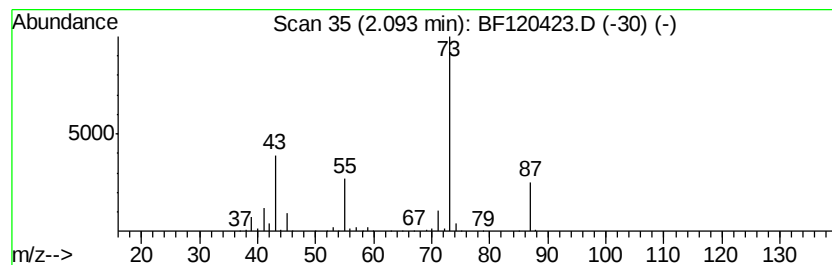
Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T.      | EstConc                     | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-----------------------------|---------|------------------------|-------------|------|
| 2.09      | 16.40 ng                    | 1101390 | 1,4-Dichlorobenzene-d4 | 6.84        |      |
| Hit# of 5 | Tentative ID                | MW      | MolForm                | CAS#        | Qual |
| 1         | Butane, 2-methoxy-2-methyl- | 102     | C6H14O                 | 000994-05-8 | 83   |
| 2         | 2,2,4-Trimethyl-3-pentanol  | 130     | C8H18O                 | 005162-48-1 | 40   |
| 3         | 1,3-Dioxolane, 2-methyl-    | 88      | C4H8O2                 | 000497-26-7 | 23   |
| 4         | Pentane, 3-methoxy-         | 102     | C6H14O                 | 036839-67-5 | 12   |
| 5         | Silane, tetramethyl-        | 88      | C4H12Si                | 000075-76-3 | 10   |



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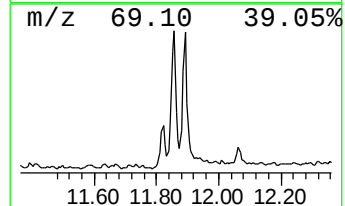
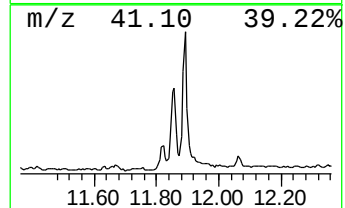
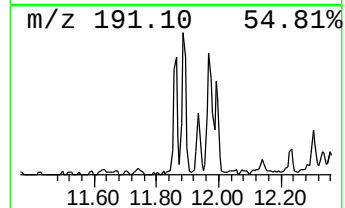
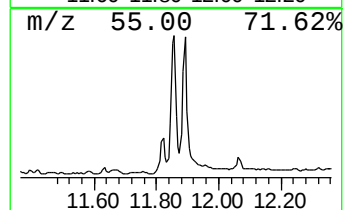
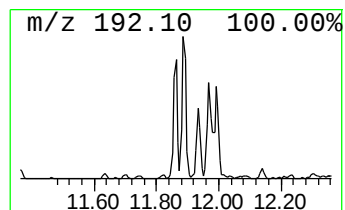
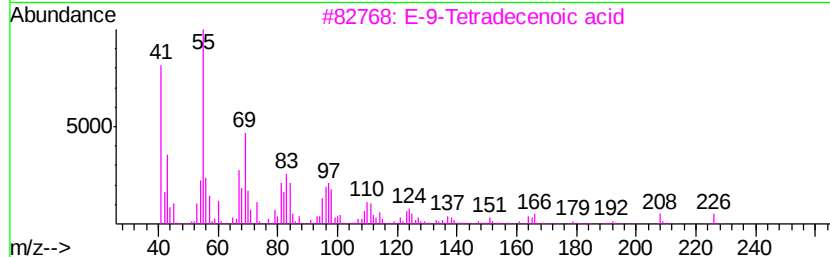
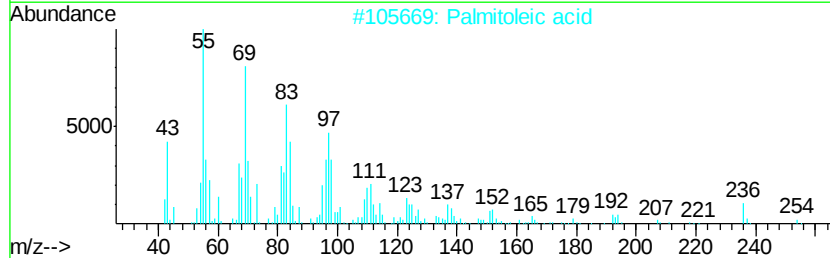
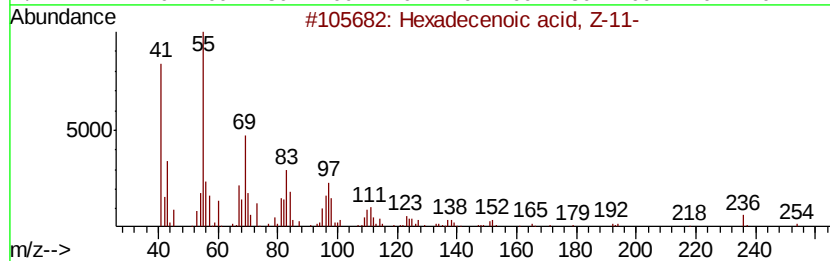
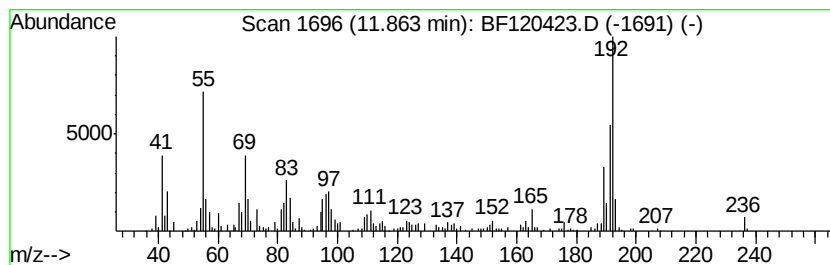
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BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Hexadecenoic acid, Z-11- Concentration Rank 10

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 11.86     | 7.22 ng                             | 564726 | Phenanthrene-d10 | 11.36        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Hexadecenoic acid, Z-11-            | 254    | C16H30O2         | 002416-20-8  | 55   |
| 2         | Palmitoleic acid                    | 254    | C16H30O2         | 000373-49-9  | 50   |
| 3         | E-9-Tetradecenoic acid              | 226    | C14H26O2         | 1000131-35-8 | 38   |
| 4         | Acetic acid, trifluoro-, dodecyl... | 282    | C14H25F3O2       | 006222-00-0  | 30   |
| 5         | Z-7-Tetradecenoic acid              | 226    | C14H26O2         | 1000130-98-4 | 30   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

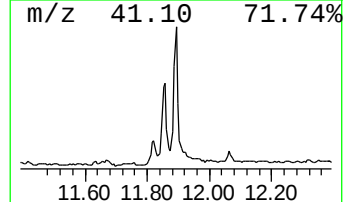
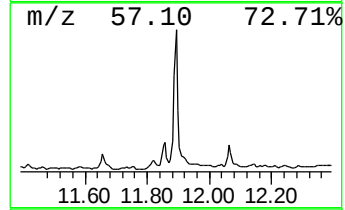
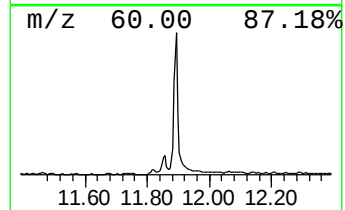
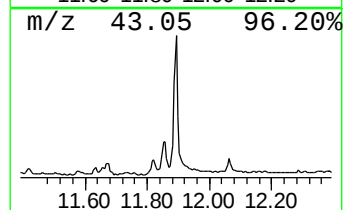
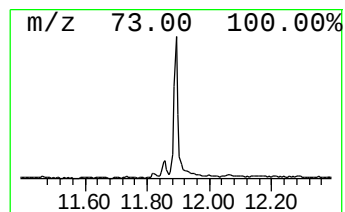
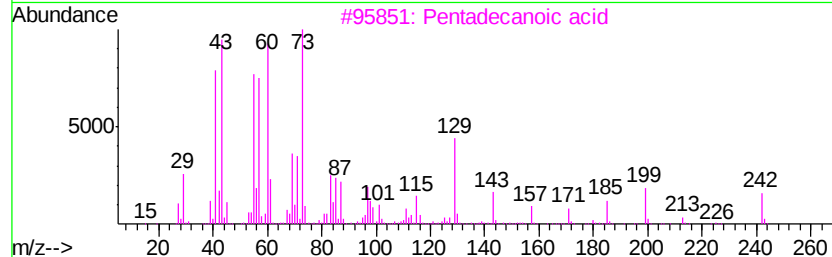
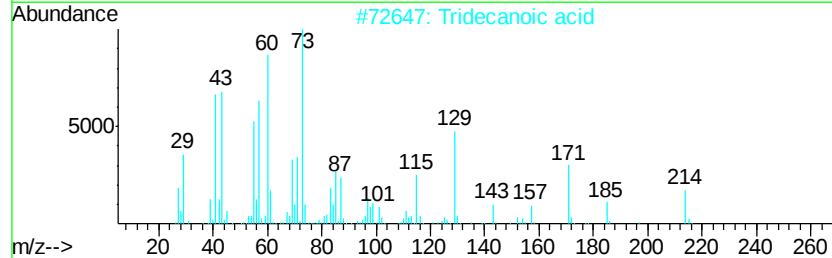
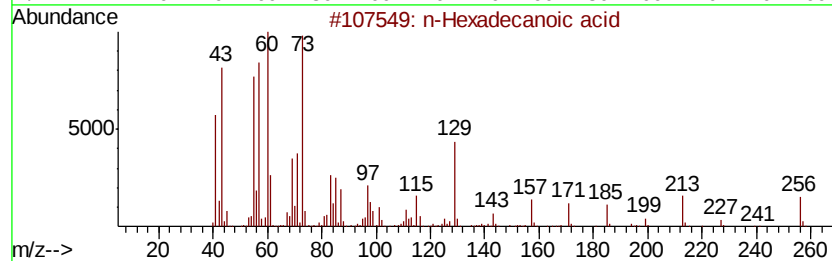
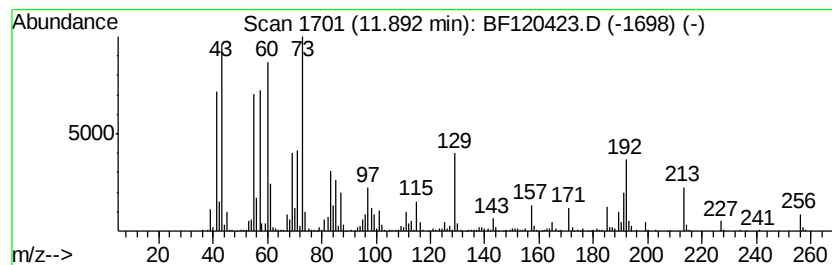
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 11.89 | 10.35 ng | 809709 | Phenanthrene-d10 | 11.36 |

| Hit# of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|-----------|---------------------|-----|----------|-------------|------|
| 1         | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2         | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |
| 3         | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 4         | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 76   |
| 5         | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 58   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

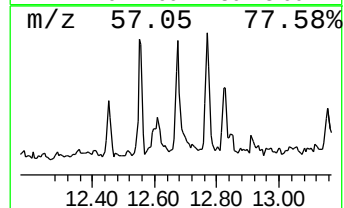
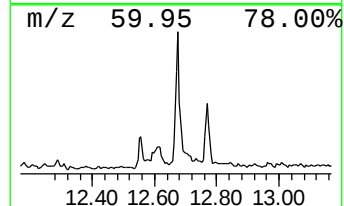
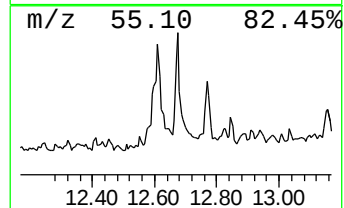
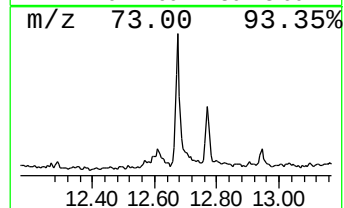
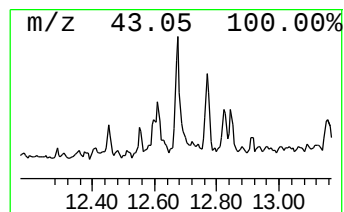
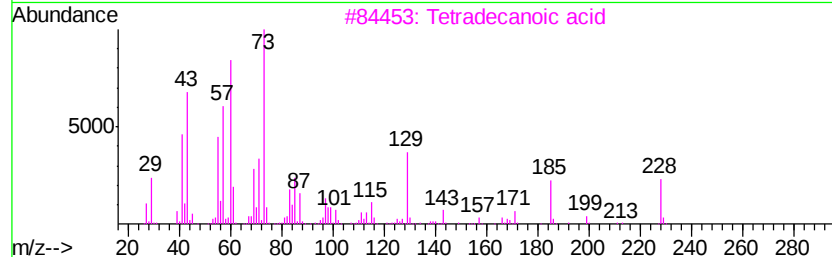
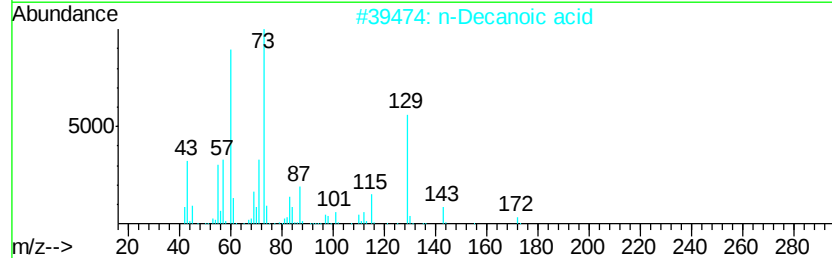
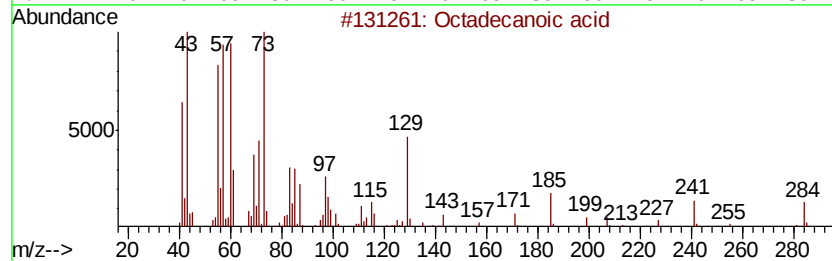
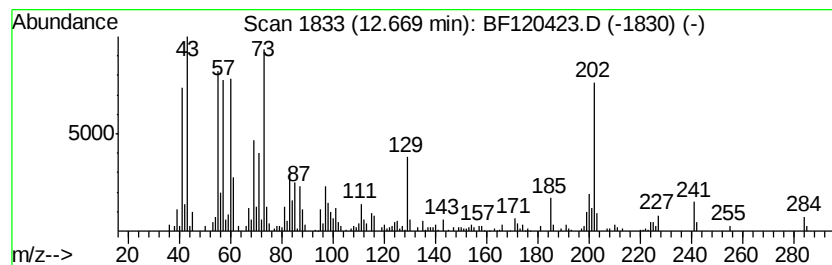
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Octadecanoic acid Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.67 | 2.89 ng | 226319 | Phenanthrene-d10 | 11.36 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 91   |
| 3    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 4    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 74   |
| 5    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
 Data File : BF120423.D  
 Acq On : 28 May 2020 22:24  
 Operator : MA/SJ  
 Sample : L2744-18  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

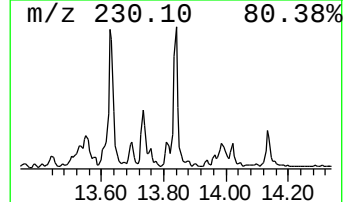
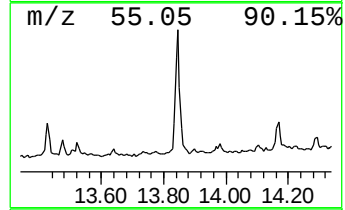
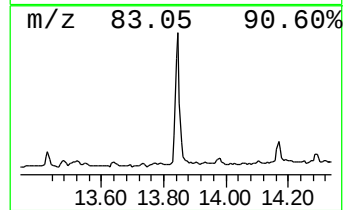
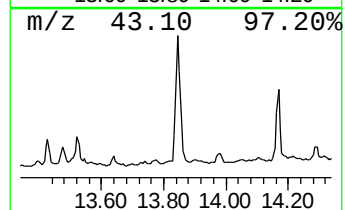
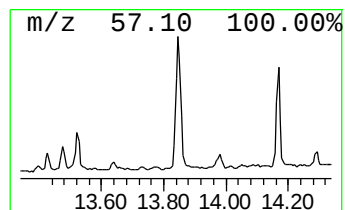
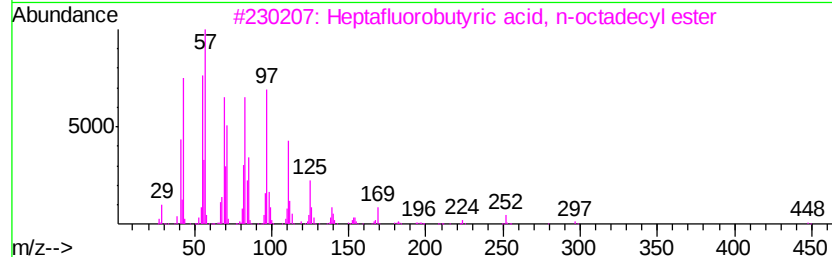
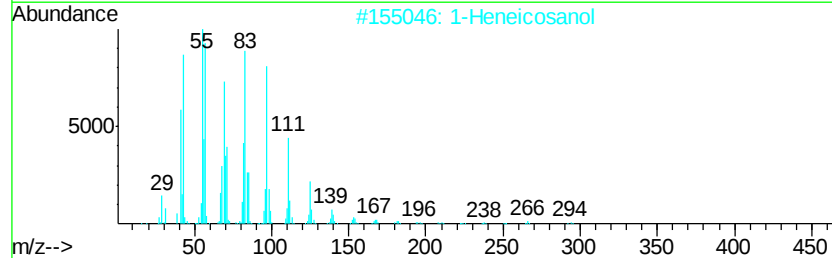
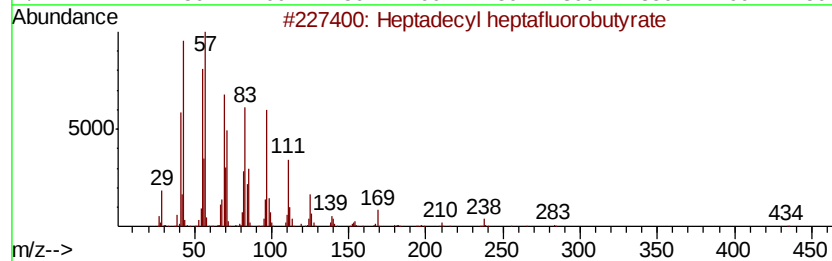
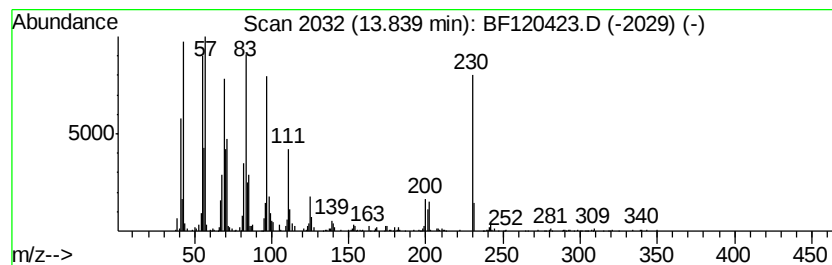
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.84 | 7.01 ng | 724211 | Chrysene-d12     | 14.00 |

| Hit# | of | Tentative ID                               | MW  | MolForm    | CAS#        | Qual |
|------|----|--------------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Heptadecyl heptafluorobutyrate             | 452 | C21H35F7O2 | 959085-66-6 | 93   |
| 2    |    | 1-Heneicosanol                             | 312 | C21H44O    | 015594-90-8 | 93   |
| 3    |    | Heptafluorobutyric acid, n-octadecyl ester | 466 | C22H37F7O2 | 000400-57-7 | 93   |
| 4    |    | Pentafluoropropionic acid, hexadecyl ester | 388 | C19H33F5O2 | 006222-07-7 | 93   |
| 5    |    | n-Tetracosanol-1                           | 354 | C24H50O    | 000506-51-4 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

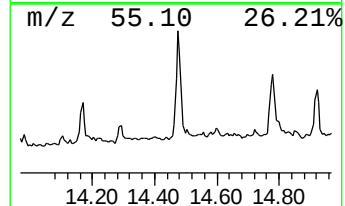
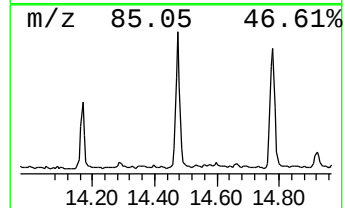
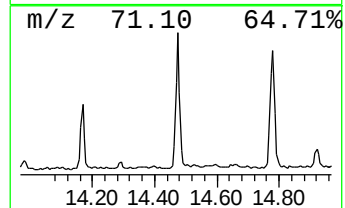
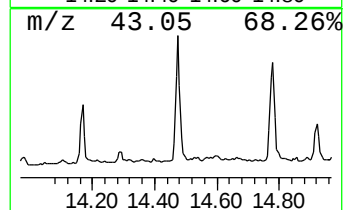
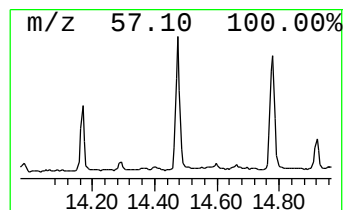
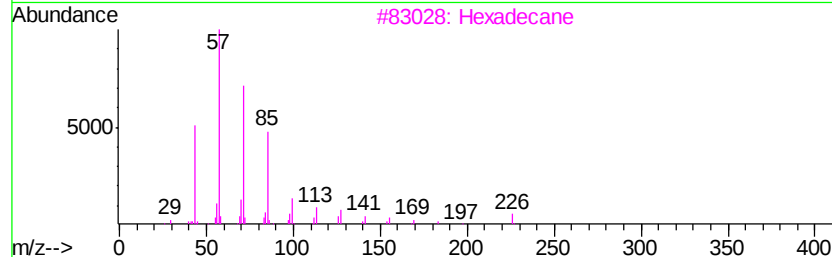
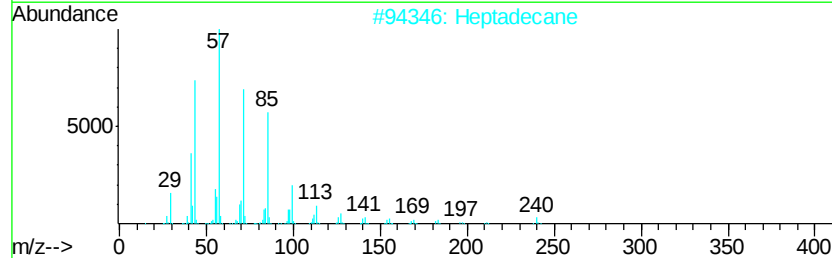
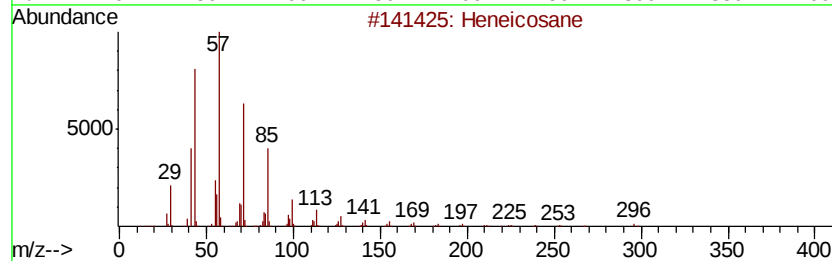
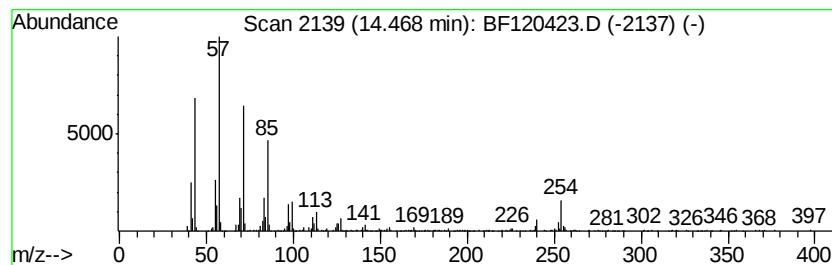
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heneicosane Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.47 | 5.66 ng | 584996 | Chrysene-d12     | 14.00 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm   | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|-----------|--------------|------|
| 1       | Heneicosane                         |              | 296 | C21H44    | 000629-94-7  | 96   |
| 2       | Heptadecane                         |              | 240 | C17H36    | 000629-78-7  | 95   |
| 3       | Hexadecane                          |              | 226 | C16H34    | 000544-76-3  | 93   |
| 4       | Octadecane                          |              | 254 | C18H38    | 000593-45-3  | 91   |
| 5       | Sulfurous acid, butyl heptadecyl... |              | 376 | C21H44O3S | 1000309-18-4 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

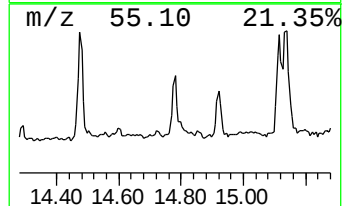
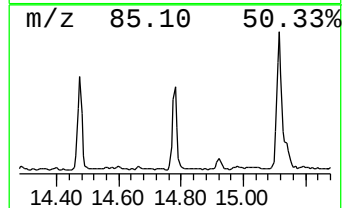
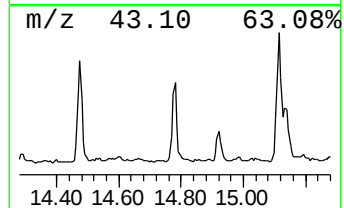
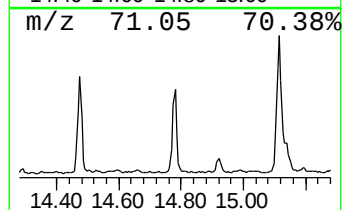
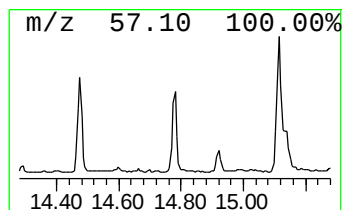
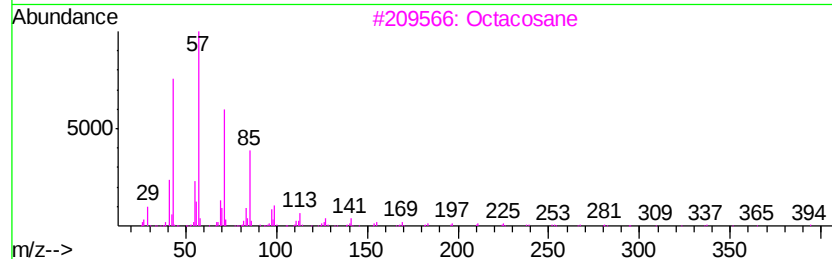
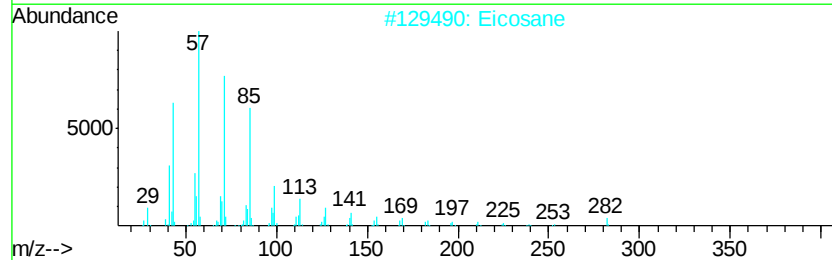
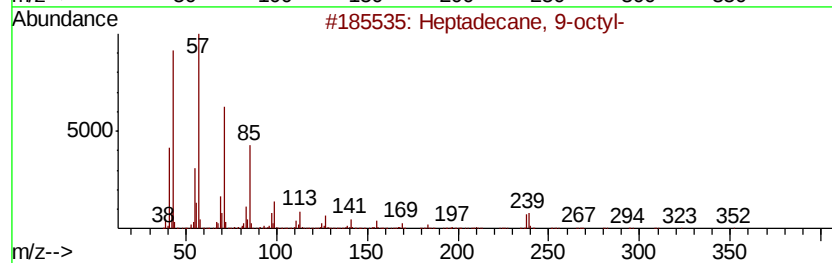
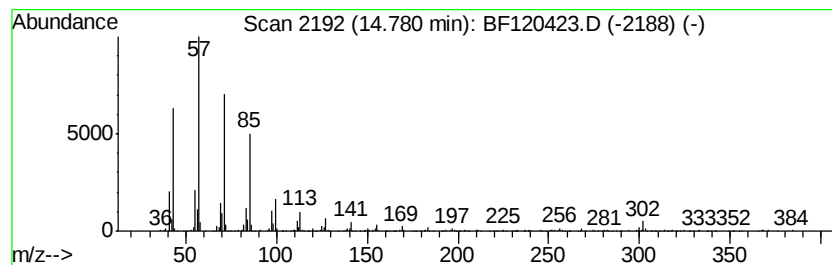
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.78 | 7.19 ng | 435265 | Perylene-d12     | 15.45 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 96   |
| 2    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 91   |
| 3    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 87   |
| 4    |    | Triacontane           | 422 | C30H62  | 000638-68-6 | 87   |
| 5    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

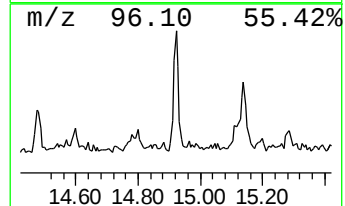
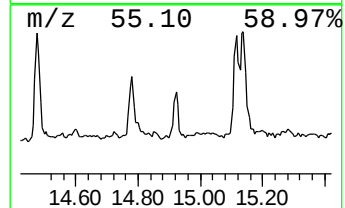
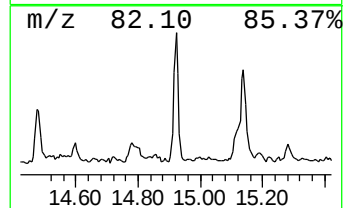
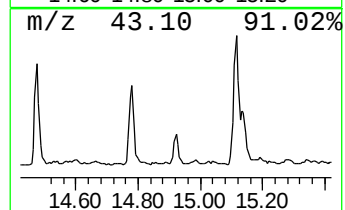
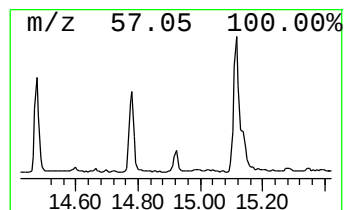
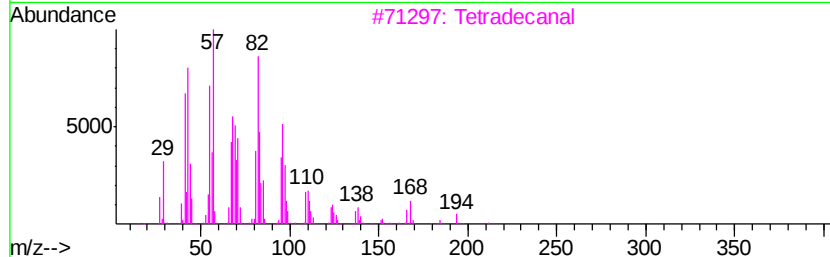
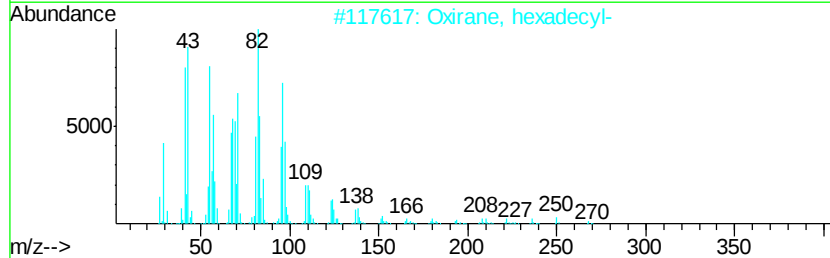
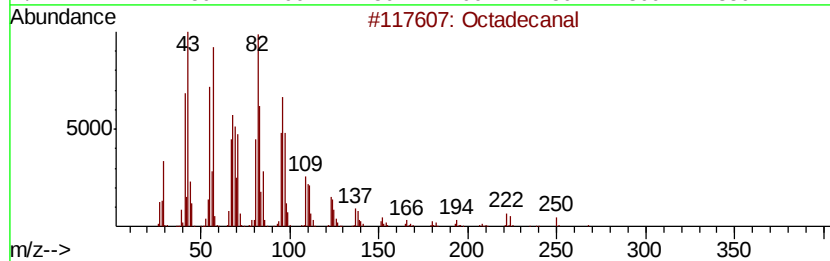
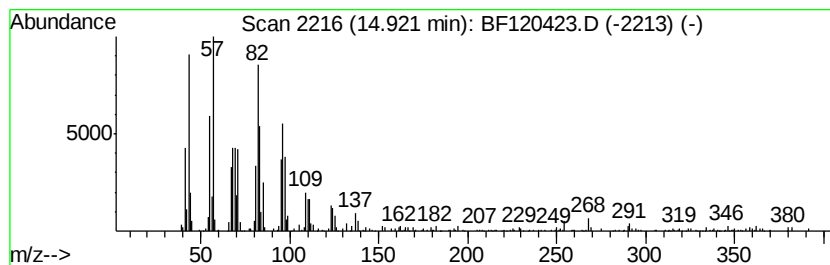
Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.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 Octadecanal Concentration Rank 17

| R.T.      | EstConc             | Area   | Relative to ISTD |             | R.T.  |
|-----------|---------------------|--------|------------------|-------------|-------|
| 14.92     | 4.48 ng             | 271288 | Perylene-d12     |             | 15.45 |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual  |
| 1         | Octadecanal         | 268    | C18H36O          | 000638-66-4 | 94    |
| 2         | Oxirane, hexadecyl- | 268    | C18H36O          | 007390-81-0 | 91    |
| 3         | Tetradecanal        | 212    | C14H28O          | 000124-25-4 | 91    |
| 4         | Tetracosanal        | 352    | C24H48O          | 057866-08-7 | 91    |
| 5         | Hexadecanal         | 240    | C16H32O          | 000629-80-1 | 91    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

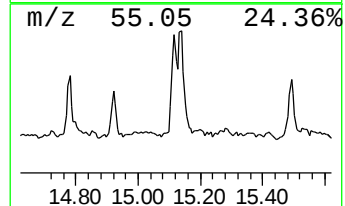
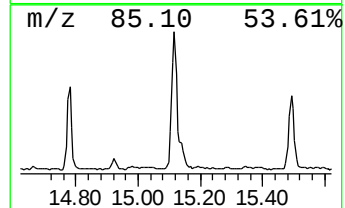
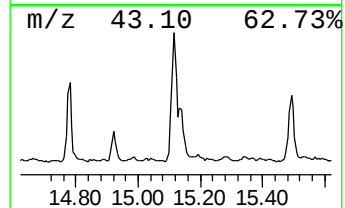
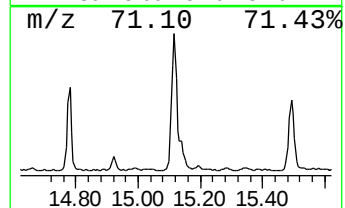
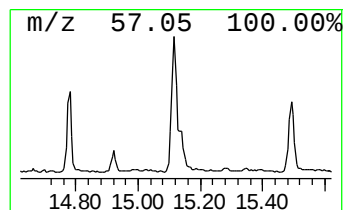
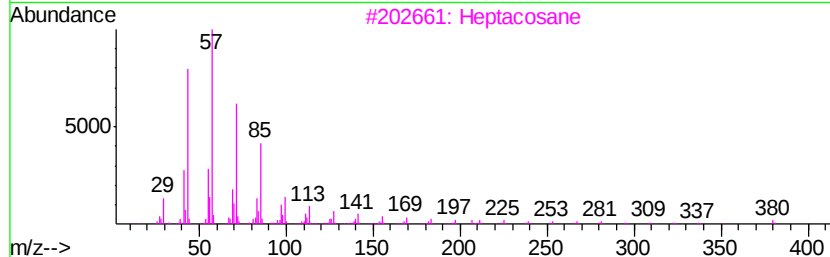
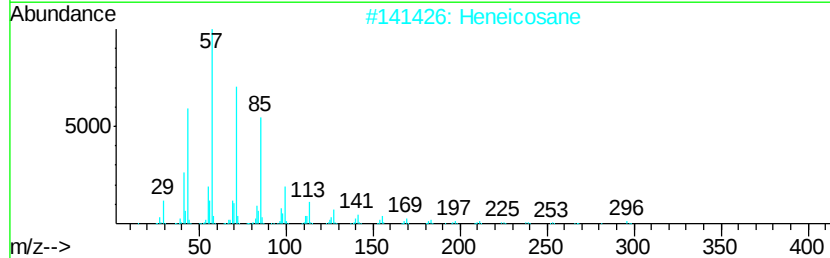
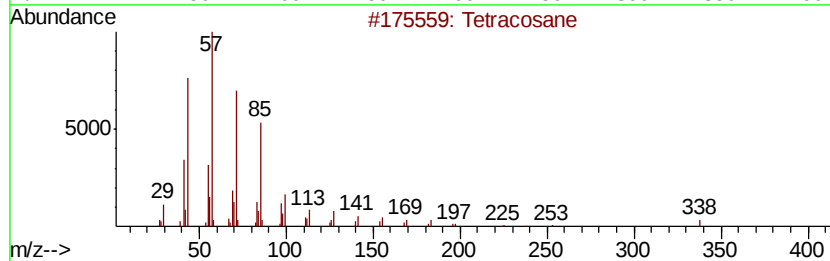
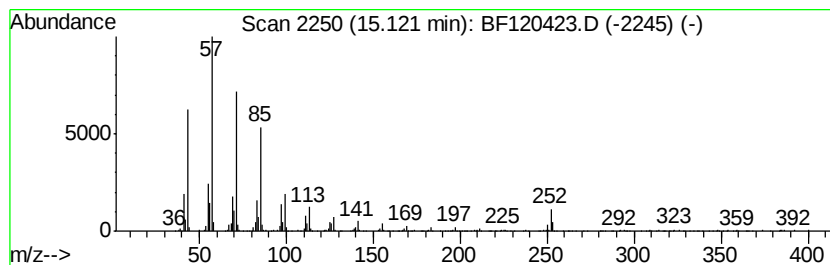
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Tetracosane Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.12 | 12.68 ng | 768242 | Perylene-d12     | 15.45 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Tetracosane               | 338 | C24H50  | 000646-31-1 | 95   |
| 2    |    | Heneicosane               | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    | Heptacosane               | 380 | C27H56  | 000593-49-7 | 91   |
| 4    |    | Octadecane, 5,14-dibutyl- | 366 | C26H54  | 055282-13-8 | 90   |
| 5    |    | Docosane, 11-butyl-       | 366 | C26H54  | 013475-76-8 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

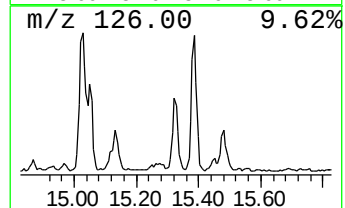
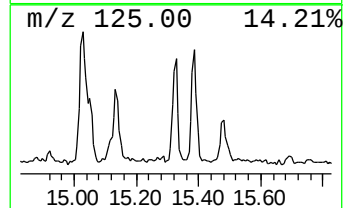
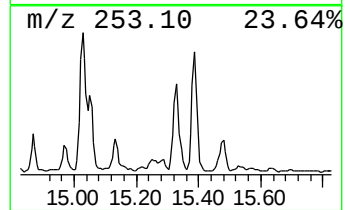
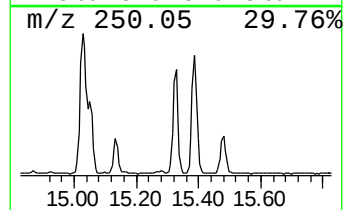
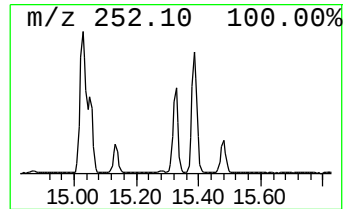
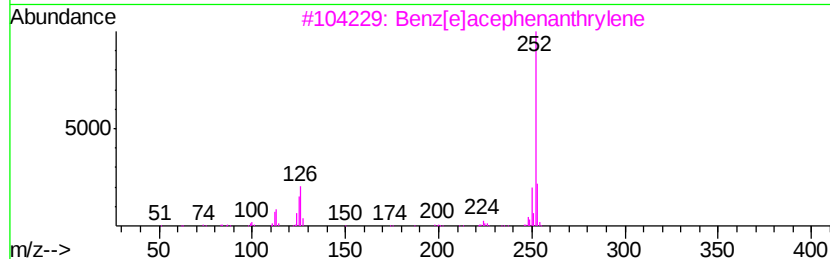
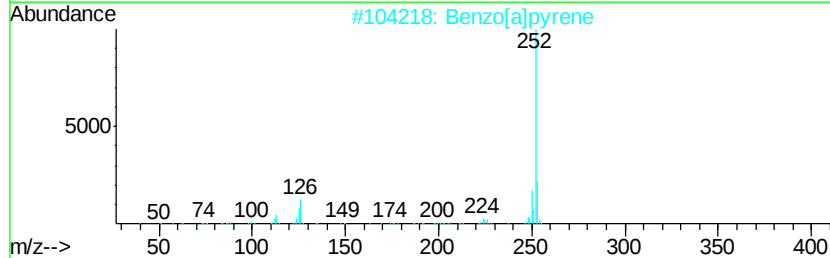
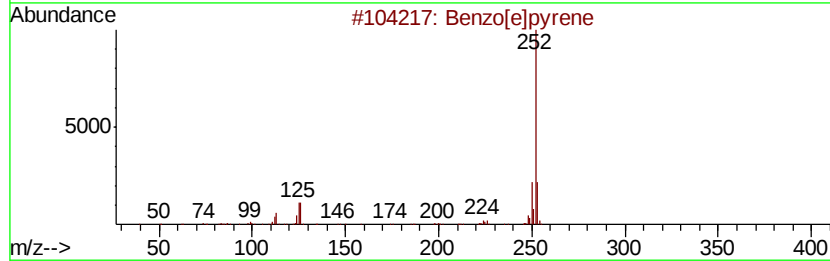
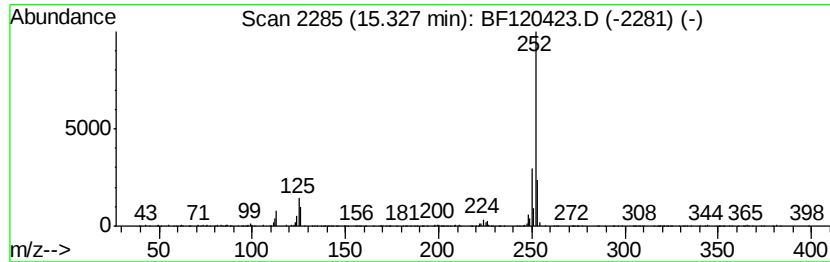
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Benzo[e]pyrene Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.33 | 5.52 ng | 334583 | Perylene-d12     | 15.45 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 99   |
| 2    |    |   | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 96   |
| 3    |    |   | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 90   |
| 4    |    |   | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 89   |
| 5    |    |   | Benzo[j]fluoranthene      | 252 | C20H12  | 000205-82-3 | 89   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

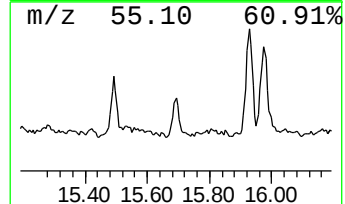
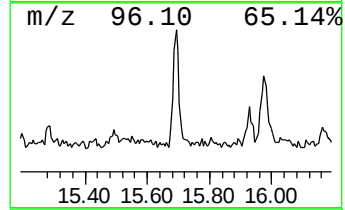
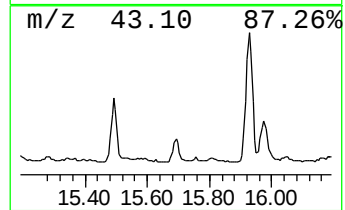
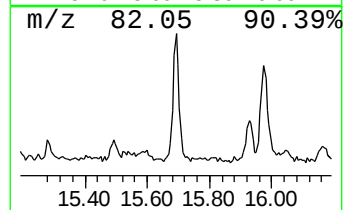
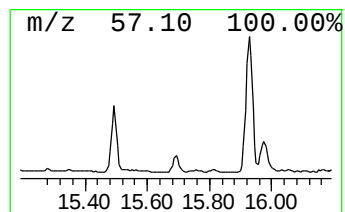
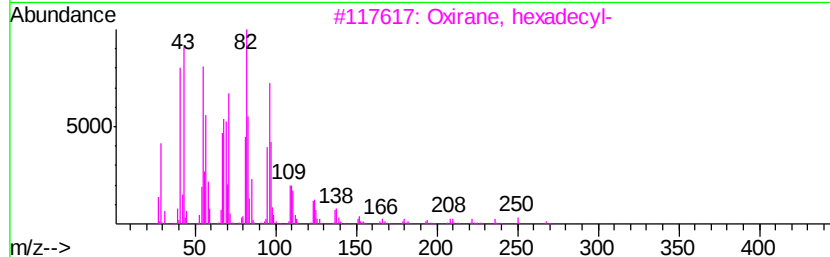
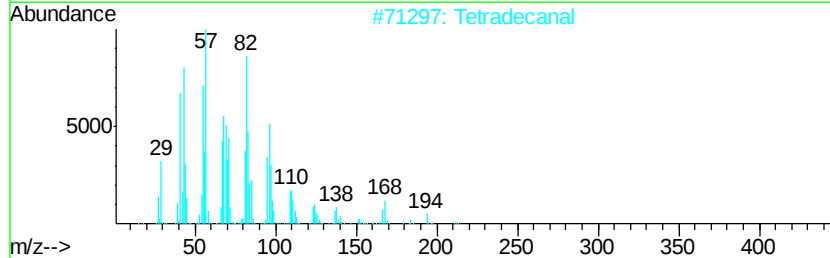
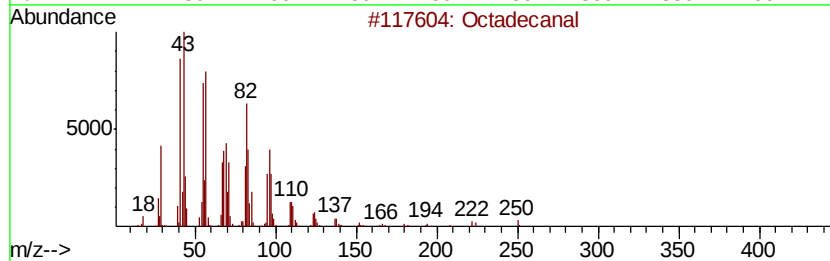
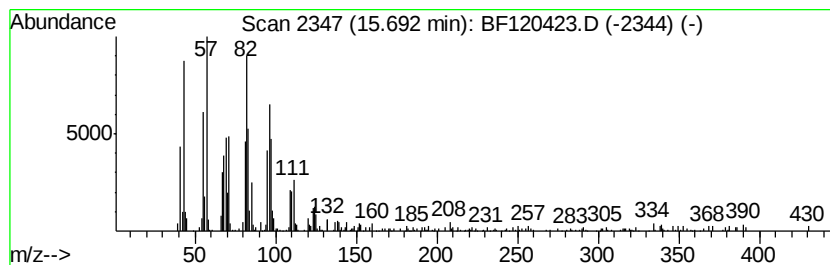
Instrument :  
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ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.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 Tetrade canal Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD     |     | R.T.    |              |      |
|-------|---------|--------|----------------------|-----|---------|--------------|------|
| 15.69 | 3.69 ng | 223290 | Perylene-d12         |     | 15.45   |              |      |
| Hit#  | of      | 5      | Tentative ID         | MW  | MolForm | CAS#         | Qual |
| 1     |         |        | Octadecanal          | 268 | C18H36O | 000638-66-4  | 94   |
| 2     |         |        | Tetrade canal        | 212 | C14H28O | 000124-25-4  | 94   |
| 3     |         |        | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0  | 93   |
| 4     |         |        | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2  | 91   |
| 5     |         |        | Heptadecanal         | 254 | C17H34O | 1000376-70-0 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

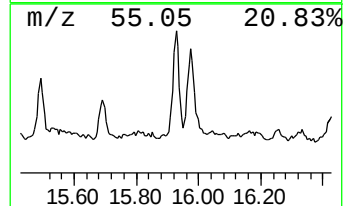
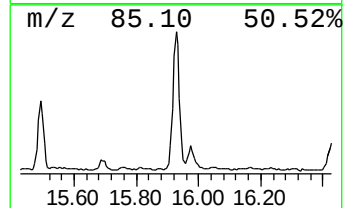
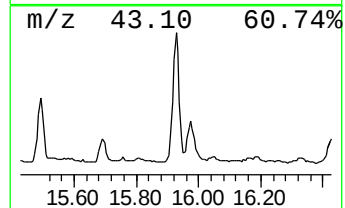
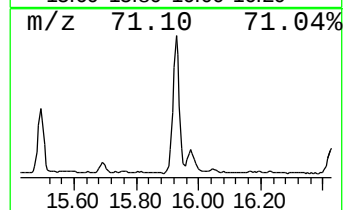
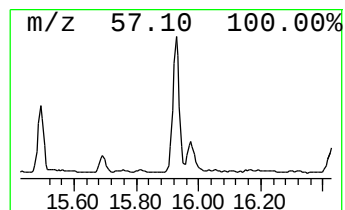
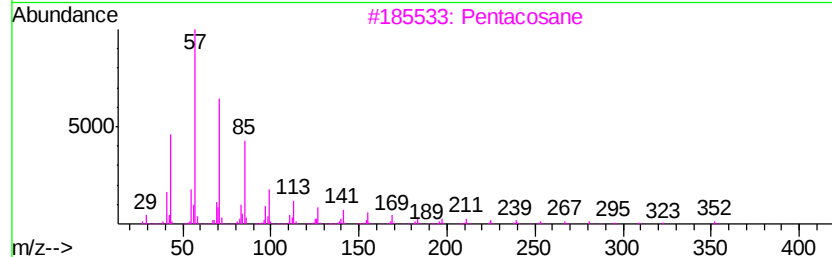
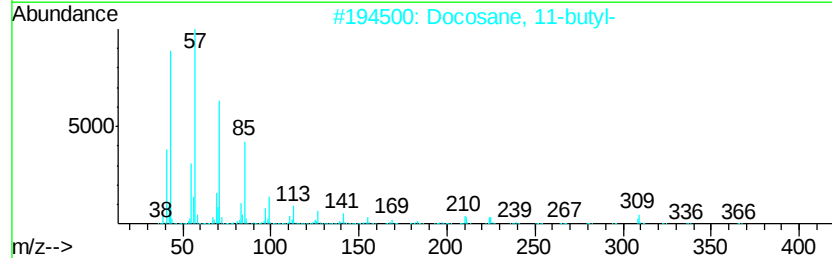
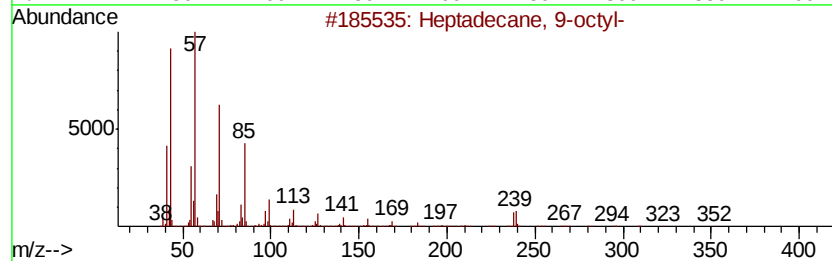
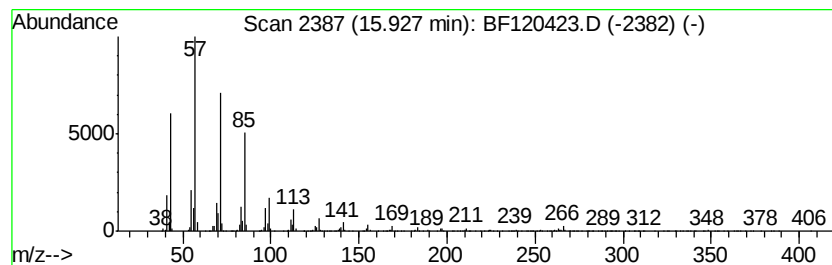
Instrument :  
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ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.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 14 Docosane, 11-butyl- Concentration Rank 4

| R.T.    | EstConc  | Area                  | Relative to ISTD | R.T.           |
|---------|----------|-----------------------|------------------|----------------|
| 15.93   | 16.56 ng | 1003390               | Perylene-d12     | 15.45          |
| Hit# of | 5        | Tentative ID          | MW MolForm       | CAS# Qual      |
| 1       |          | Heptadecane, 9-octyl- | 352 C25H52       | 007225-64-1 96 |
| 2       |          | Docosane, 11-butyl-   | 366 C26H54       | 013475-76-8 93 |
| 3       |          | Pentacosane           | 352 C25H52       | 000629-99-2 92 |
| 4       |          | Hexacosane            | 366 C26H54       | 000630-01-3 91 |
| 5       |          | Tetracosane           | 338 C24H50       | 000646-31-1 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

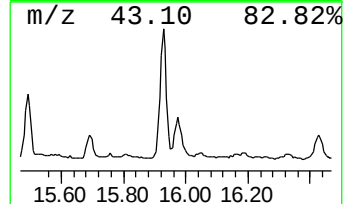
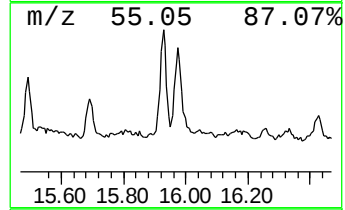
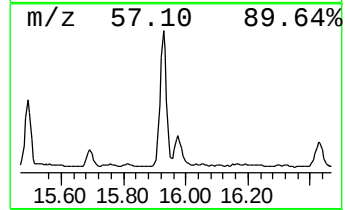
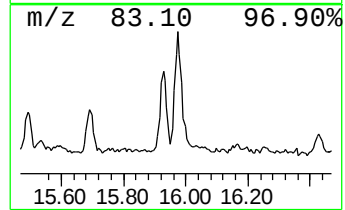
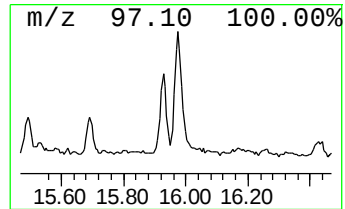
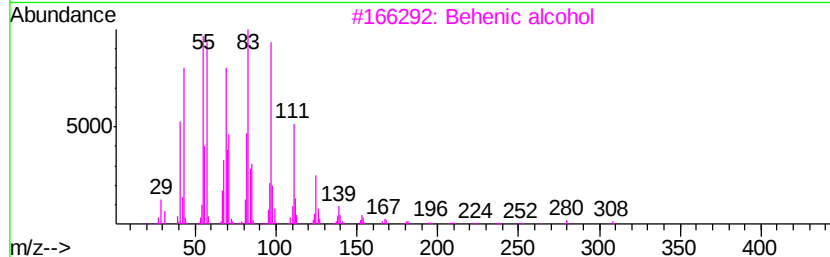
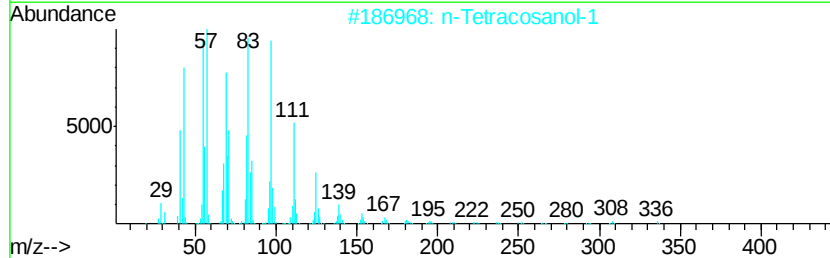
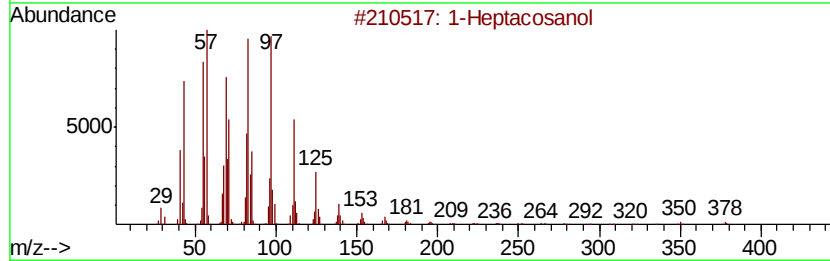
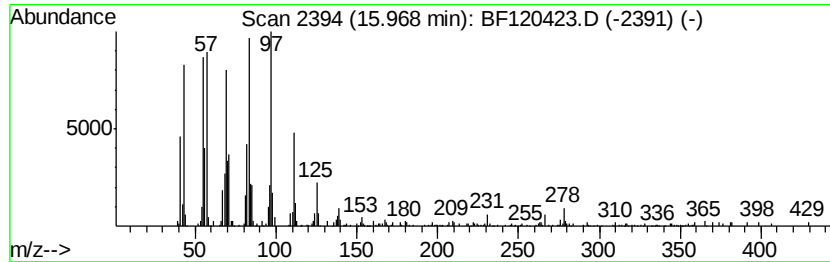
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ClientSampleId :  
NM67-COMP-2020-0-6

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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 15 1-Heptacosanol Concentration Rank 8

| R.T.      | EstConc           | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------|--------|------------------|-------------|------|
| 15.97     | 9.43 ng           | 571381 | Perylene-d12     | 15.45       |      |
| Hit# of 5 | Tentative ID      | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Heptacosanol    | 396    | C27H56O          | 002004-39-9 | 94   |
| 2         | n-Tetracosanol-1  | 354    | C24H50O          | 000506-51-4 | 94   |
| 3         | Behenic alcohol   | 326    | C22H46O          | 000661-19-8 | 94   |
| 4         | 1-Heneicosanol    | 312    | C21H44O          | 015594-90-8 | 94   |
| 5         | 9-Tricosene, (Z)- | 322    | C23H46           | 027519-02-4 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
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Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

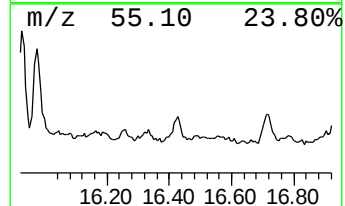
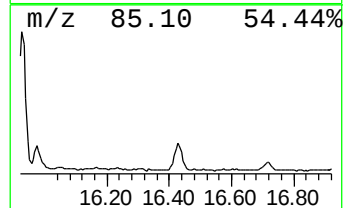
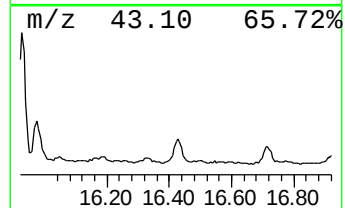
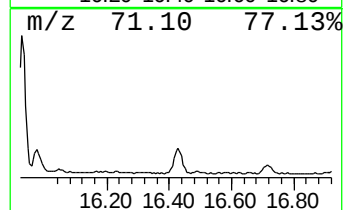
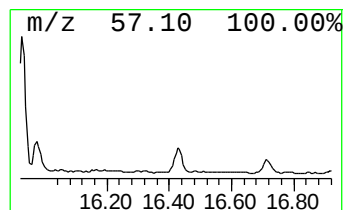
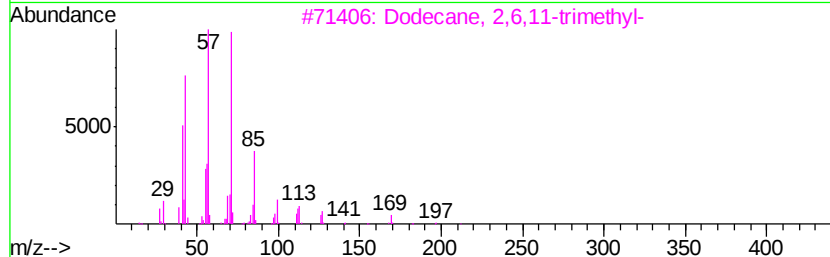
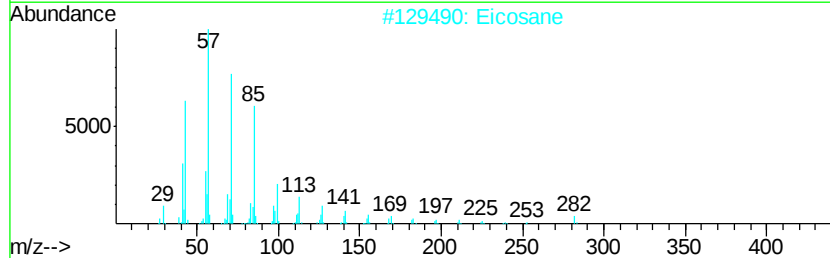
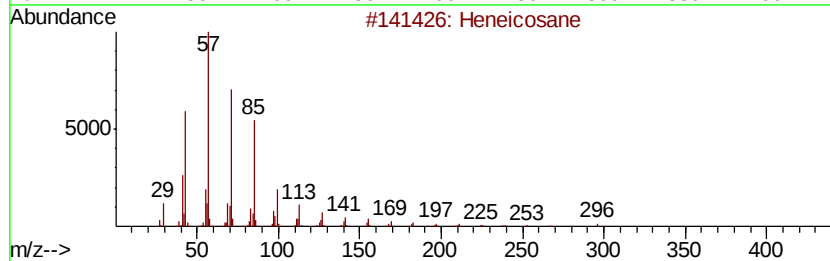
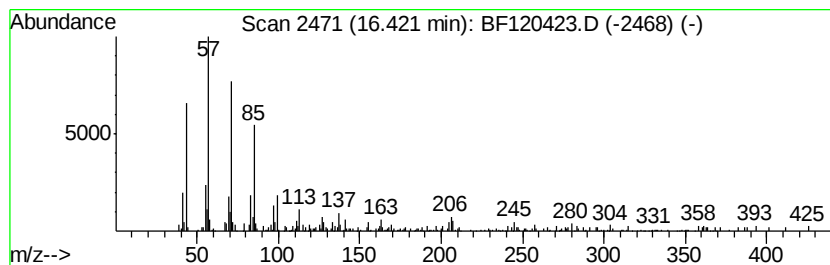
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Eicosane Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.42 | 3.76 ng | 227991 | Perylene-d12     | 15.45 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 98   |
| 2    |    |   | Eicosane                            | 282 | C20H42  | 000112-95-8 | 90   |
| 3    |    |   | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4 | 83   |
| 4    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 81   |
| 5    |    |   | Octacosane                          | 394 | C28H58  | 000630-02-4 | 74   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
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Sample : L2744-18  
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NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

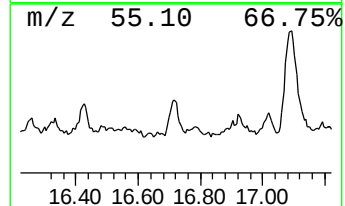
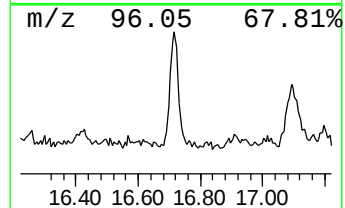
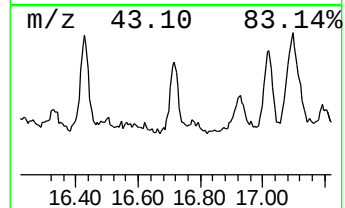
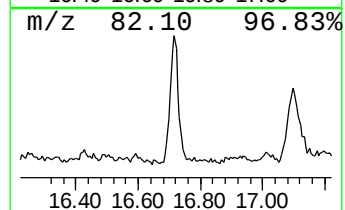
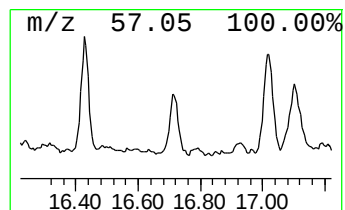
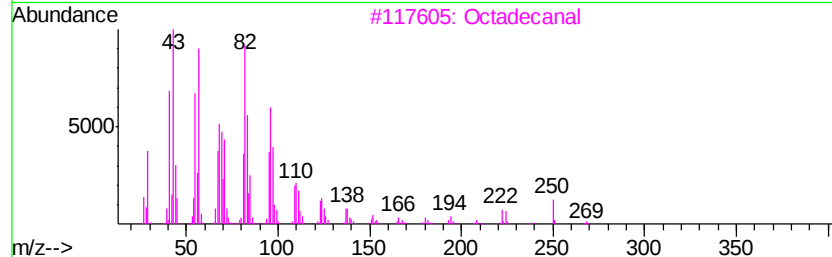
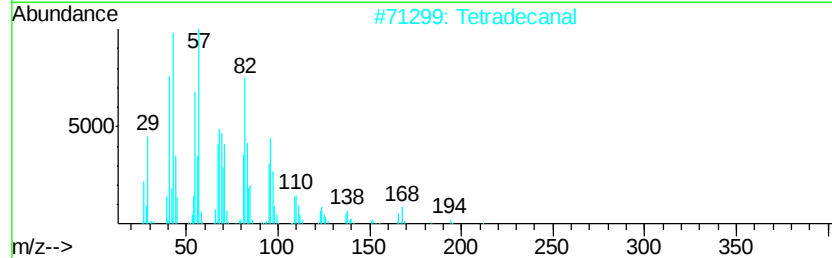
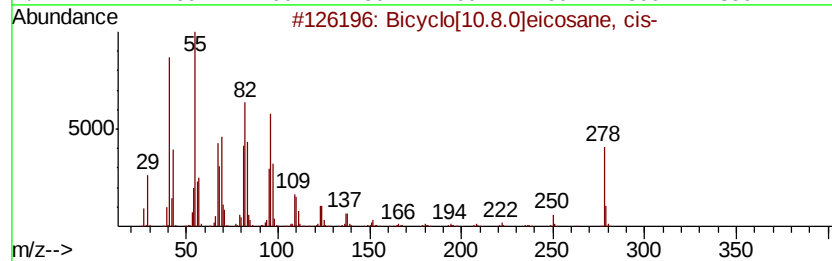
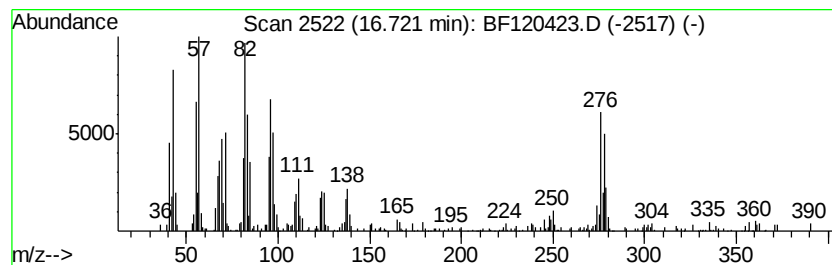
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.72 | 4.79 ng | 290452 | Perylene-d12     | 15.45 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------|-----|---------|--------------|------|
| 1    | 5  | Bicyclo[10.8.0]eicosane, cis- | 278 | C20H38  | 1000155-82-2 | 90   |
| 2    |    | Tetradecanal                  | 212 | C14H28O | 000124-25-4  | 78   |
| 3    |    | Octadecanal                   | 268 | C18H36O | 000638-66-4  | 53   |
| 4    |    | Oxirane, hexadecyl-           | 268 | C18H36O | 007390-81-0  | 53   |
| 5    |    | Heptadecanal                  | 254 | C17H34O | 1000376-70-0 | 49   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

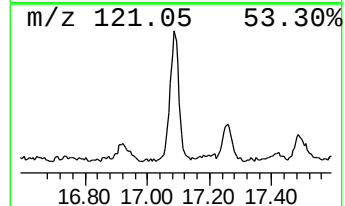
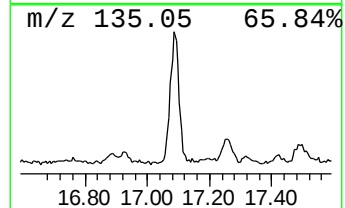
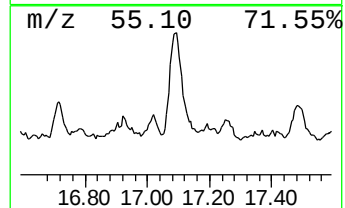
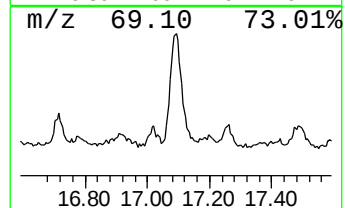
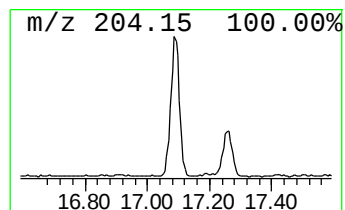
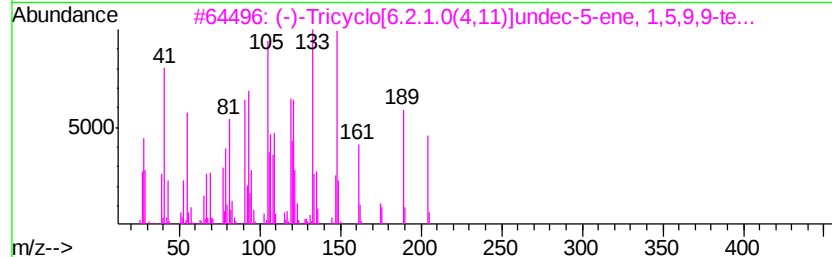
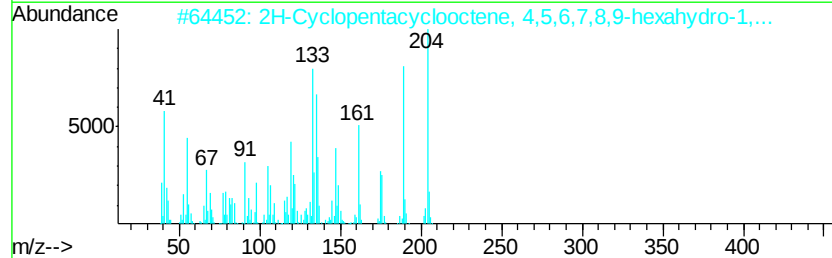
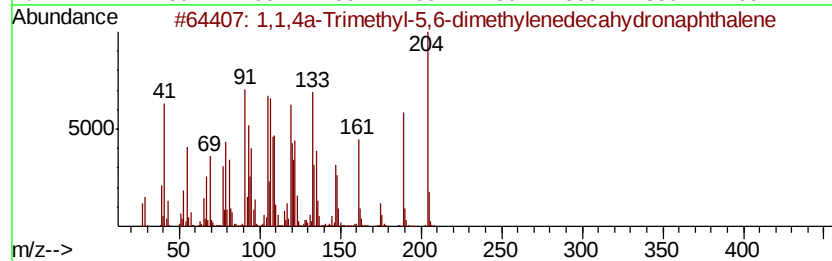
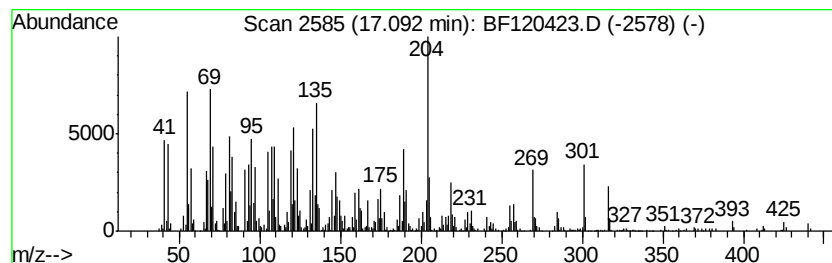
Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.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 18 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 3

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 17.09   | 28.51 ng                            | 1727280      | Perylene-d12     | 15.45     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | 1,1,4a-Trimethyl-5,6-dimethylene... | 204 C15H24   | 1000193-60-8     | 53        |
| 2       | 2H-Cyclopentacyclooctene, 4,5,6,... | 204 C15H24   | 1000221-85-8     | 53        |
| 3       | (-)-Tricyclo[6.2.1.0(4,11)]undec... | 204 C15H24   | 1000154-06-7     | 50        |
| 4       | Farnesyl bromide                    | 284 C15H25Br | 006874-67-5      | 46        |
| 5       | 1H-3a,7-Methanoazulene, 2,3,6,7,... | 204 C15H24   | 000560-32-7      | 46        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

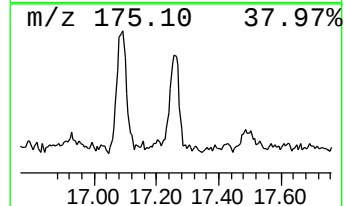
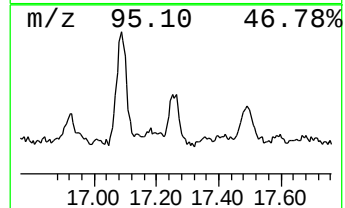
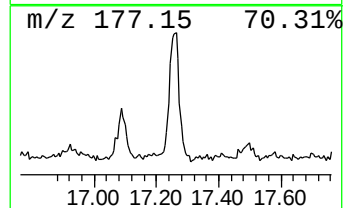
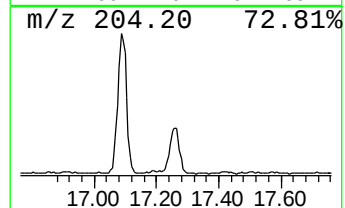
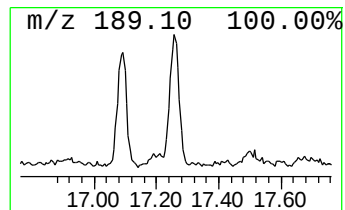
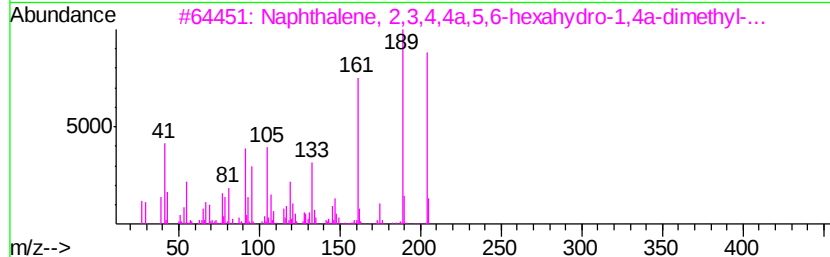
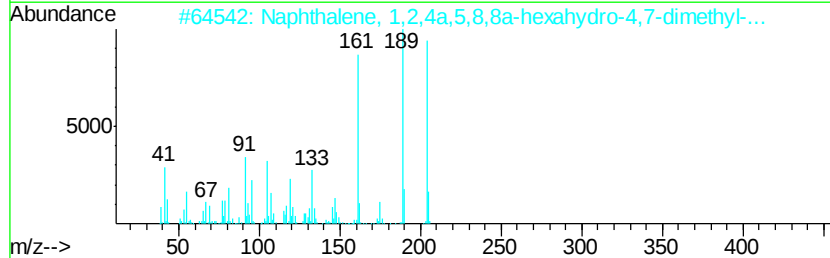
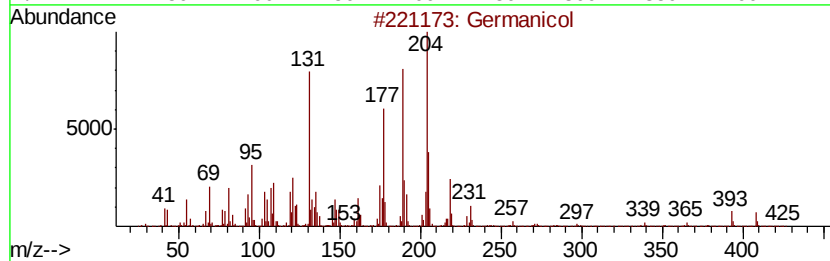
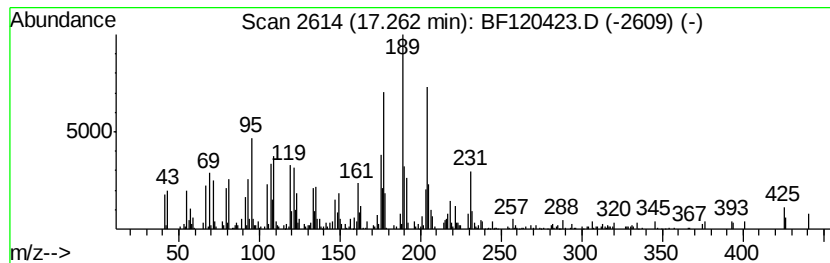
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 unknown17.26 Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.26 | 6.16 ng | 373070 | Perylene-d12     | 15.45 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Germanicol                          | 426 | C30H50O | 000465-02-1 | 46   |
| 2    |    |   | Naphthalene, 1,2,4a,5,8,8a-hexah... | 204 | C15H24  | 005951-61-1 | 41   |
| 3    |    |   | Naphthalene, 2,3,4,4a,5,6-hexahv... | 204 | C15H24  | 000473-14-3 | 38   |
| 4    |    |   | .delta.-Selinene                    | 204 | C15H24  | 028624-23-9 | 38   |
| 5    |    |   | 1H-Cyclopropa[a]naphthalene, 1a,... | 204 | C15H24  | 000489-29-2 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\  
Data File : BF120423.D  
Acq On : 28 May 2020 22:24  
Operator : MA/SJ  
Sample : L2744-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

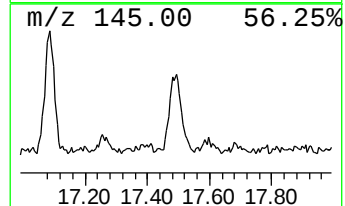
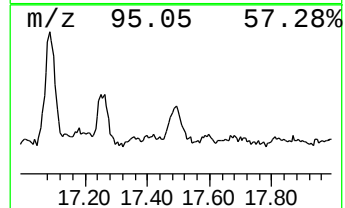
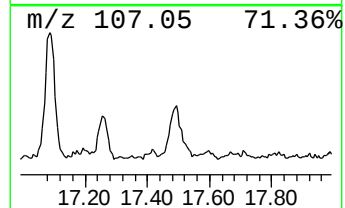
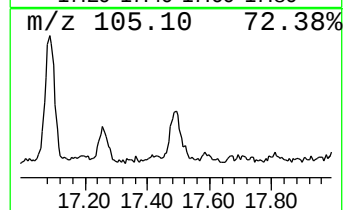
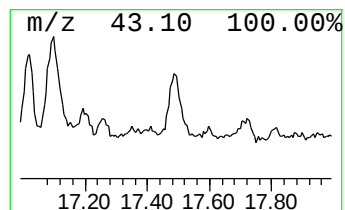
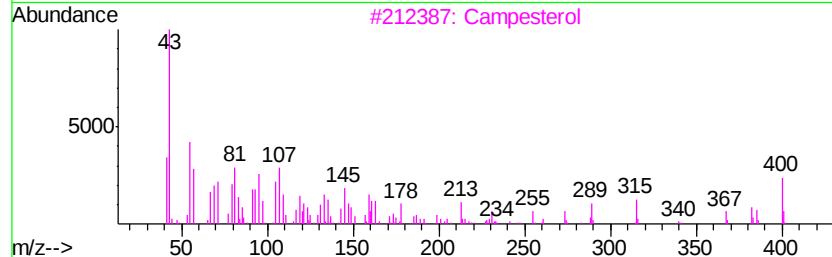
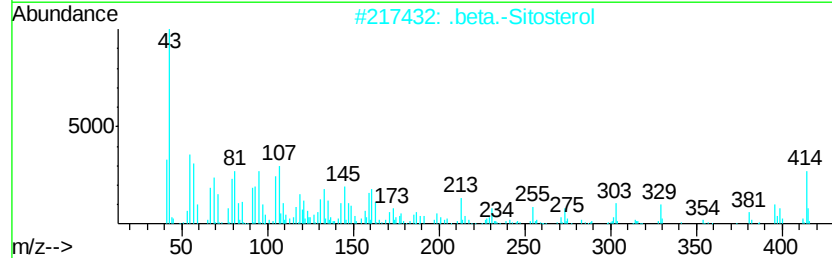
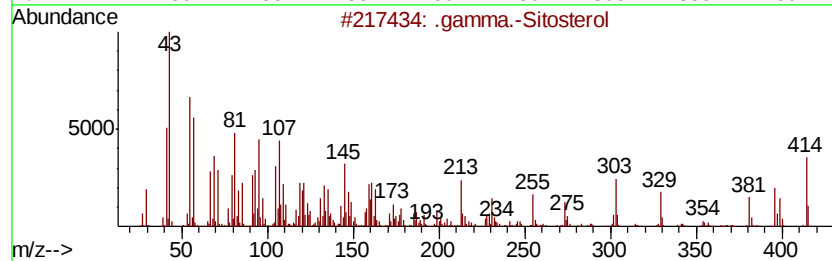
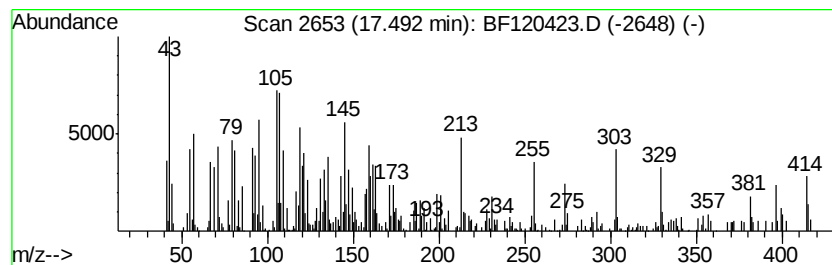
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 .gamma.-Sitosterol Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.49 | 7.24 ng | 438761 | Perylene-d12     | 15.45 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | .gamma.-Sitosterol                  | 414 | C29H50O   | 000083-47-6 | 83   |
| 2    |    | .beta.-Sitosterol                   | 414 | C29H50O   | 000083-46-5 | 41   |
| 3    |    | Campesterol                         | 400 | C28H48O   | 000474-62-4 | 32   |
| 4    |    | Isocholesterol methyl ether         | 400 | C28H48O   | 029944-53-4 | 18   |
| 5    |    | Pregn-5-en-3-ol, 21-bromo-20-met... | 394 | C22H35BrO | 055103-80-5 | 15   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF052820\  
 Data File : BF120423.D  
 Acq On : 28 May 2020 22:24  
 Operator : MA/SJ  
 Sample : L2744-18  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NM67-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052820.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 |
| Methylene chloride   | 1.96  | 39.2 ng |       | 2632300  | 1                     | 6.84  | 1343530 | 20.0 |
| Butane, 2-methoxy... | 2.09  | 16.4 ng |       | 1101390  | 1                     | 6.84  | 1343530 | 20.0 |
| Hexadecenoic acid... | 11.86 | 7.2 ng  |       | 564726   | 4                     | 11.36 | 1565080 | 20.0 |
| n-Hexadecanoic acid  | 11.89 | 10.4 ng |       | 809709   | 4                     | 11.36 | 1565080 | 20.0 |
| Octadecanoic acid    | 12.67 | 2.9 ng  |       | 226319   | 4                     | 11.36 | 1565080 | 20.0 |
| Heptadecyl hepta...  | 13.84 | 7.0 ng  |       | 724211   | 5                     | 14.00 | 2066350 | 20.0 |
| Heneicosane          | 14.47 | 5.7 ng  |       | 584996   | 5                     | 14.00 | 2066350 | 20.0 |
| Heptadecane, 9-oc... | 14.78 | 7.2 ng  |       | 435265   | 6                     | 15.45 | 1211570 | 20.0 |
| Octadecanal          | 14.92 | 4.5 ng  |       | 271288   | 6                     | 15.45 | 1211570 | 20.0 |
| Tetracosane          | 15.12 | 12.7 ng |       | 768242   | 6                     | 15.45 | 1211570 | 20.0 |
| Benzo[e]pyrene       | 15.33 | 5.5 ng  |       | 334583   | 6                     | 15.45 | 1211570 | 20.0 |
| Tetradecanal         | 15.69 | 3.7 ng  |       | 223290   | 6                     | 15.45 | 1211570 | 20.0 |
| Docosane, 11-butyl-  | 15.93 | 16.6 ng |       | 1003390  | 6                     | 15.45 | 1211570 | 20.0 |
| 1-Heptacosanol       | 15.97 | 9.4 ng  |       | 571381   | 6                     | 15.45 | 1211570 | 20.0 |
| Eicosane             | 16.42 | 3.8 ng  |       | 227991   | 6                     | 15.45 | 1211570 | 20.0 |
| Bicyclo[10.8.0]ei... | 16.72 | 4.8 ng  |       | 290452   | 6                     | 15.45 | 1211570 | 20.0 |
| 1,1,4a-Trimethyl-... | 17.09 | 28.5 ng |       | 1727280  | 6                     | 15.45 | 1211570 | 20.0 |
| unknown17.26         | 17.26 | 6.2 ng  |       | 373070   | 6                     | 15.45 | 1211570 | 20.0 |
| .gamma.-Sitosterol   | 17.49 | 7.2 ng  |       | 438761   | 6                     | 15.45 | 1211570 | 20.0 |