

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
 Data File : BF112208.D  
 Acq On : 24 Jan 2019 14:56  
 Operator : JU/SJ  
 Sample : K1003-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-02-012319

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-BF011619.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         | 2.116       | 3             | 5           | 14           | rVB      | 109037         | 128047        | 2.65%           | 0.174%        |
| 2         | 5.069       | 502           | 507         | 518          | rVB      | 319672         | 424141        | 8.77%           | 0.576%        |
| 3         | 5.487       | 574           | 578         | 592          | rBV      | 3676929        | 3611737       | 74.71%          | 4.902%        |
| 4         | 6.498       | 746           | 750         | 768          | rBV      | 3864465        | 3976137       | 82.25%          | 5.397%        |
| 5         | 6.628       | 768           | 772         | 775          | rBV      | 4648994        | 4030524       | 83.38%          | 5.471%        |
| 6         | 6.851       | 806           | 810         | 818          | rBV      | 1542046        | 1228842       | 25.42%          | 1.668%        |
| 7         | 7.010       | 833           | 837         | 840          | rBV      | 3825923        | 3209728       | 66.40%          | 4.357%        |
| 8         | 7.110       | 851           | 854         | 860          | rVB      | 55347          | 49991         | 1.03%           | 0.068%        |
| 9         | 7.410       | 901           | 905         | 916          | rBV      | 2529920        | 2460975       | 50.91%          | 3.340%        |
| 10        | 8.133       | 1024          | 1028        | 1030         | rBV      | 1927088        | 1599418       | 33.09%          | 2.171%        |
| 11        | 8.151       | 1030          | 1031        | 1036         | rVB      | 340522         | 261981        | 5.42%           | 0.356%        |
| 12        | 8.845       | 1142          | 1149        | 1153         | rBV2     | 117252         | 122198        | 2.53%           | 0.166%        |
| 13        | 9.210       | 1206          | 1211        | 1214         | rBV      | 5151033        | 4834111       | 100.00%         | 6.561%        |
| 14        | 9.598       | 1274          | 1277        | 1281         | rVB      | 344183         | 274691        | 5.68%           | 0.373%        |
| 15        | 9.886       | 1319          | 1326        | 1329         | rBV      | 2080508        | 1918697       | 39.69%          | 2.604%        |
| 16        | 9.922       | 1329          | 1332        | 1335         | rVB      | 429667         | 384680        | 7.96%           | 0.522%        |
| 17        | 10.092      | 1356          | 1361        | 1366         | rBV      | 436753         | 398106        | 8.24%           | 0.540%        |
| 18        | 10.433      | 1416          | 1419        | 1424         | rBV      | 706664         | 606952        | 12.56%          | 0.824%        |
| 19        | 10.504      | 1425          | 1431        | 1432         | rBV      | 50947          | 75514         | 1.56%           | 0.102%        |
| 20        | 10.522      | 1432          | 1434        | 1436         | rVB2     | 68164          | 55062         | 1.14%           | 0.075%        |
| 21        | 10.592      | 1444          | 1446        | 1449         | rVB      | 92692          | 69395         | 1.44%           | 0.094%        |
| 22        | 10.680      | 1457          | 1461        | 1467         | rBV      | 3553437        | 3225018       | 66.71%          | 4.377%        |
| 23        | 10.863      | 1489          | 1492        | 1498         | rBV3     | 40071          | 57323         | 1.19%           | 0.078%        |
| 24        | 10.980      | 1507          | 1512        | 1515         | rBV3     | 71132          | 92523         | 1.91%           | 0.126%        |
| 25        | 11.233      | 1550          | 1555        | 1557         | rBV2     | 56611          | 71661         | 1.48%           | 0.097%        |
| 26        | 11.269      | 1558          | 1561        | 1566         | rVB      | 188419         | 180456        | 3.73%           | 0.245%        |
| 27        | 11.374      | 1575          | 1579        | 1581         | rBV      | 2216049        | 2012303       | 41.63%          | 2.731%        |
| 28        | 11.398      | 1581          | 1583        | 1587         | rVV      | 2632306        | 2285406       | 47.28%          | 3.102%        |
| 29        | 11.451      | 1587          | 1592        | 1595         | rVB      | 816635         | 704129        | 14.57%          | 0.956%        |
| 30        | 11.604      | 1612          | 1618        | 1625         | rBV      | 393324         | 445004        | 9.21%           | 0.604%        |
| 31        | 11.669      | 1625          | 1629        | 1633         | rVV4     | 55622          | 70464         | 1.46%           | 0.096%        |
| 32        | 11.904      | 1661          | 1669        | 1675         | rBV      | 1541058        | 2016813       | 41.72%          | 2.737%        |
| 33        | 11.951      | 1675          | 1677        | 1680         | rVV      | 133613         | 127103        | 2.63%           | 0.173%        |
| 34        | 11.992      | 1680          | 1684        | 1691         | rVB2     | 378764         | 487431        | 10.08%          | 0.662%        |

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 ClientSampleId :  
 BU-02-012319

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-BF011619.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.051 | 1691 | 1694 | 1698 | rBV4 | 56550   | 109780  | 2.27%  | 0.149% |
| 36 | 12.168 | 1711 | 1714 | 1717 | rVB  | 125646  | 110458  | 2.28%  | 0.150% |
| 37 | 12.380 | 1742 | 1750 | 1762 | rBV3 | 454761  | 1564226 | 32.36% | 2.123% |
| 38 | 12.463 | 1762 | 1764 | 1767 | rVB2 | 55570   | 56708   | 1.17%  | 0.077% |
| 39 | 12.592 | 1782 | 1786 | 1789 | rBV  | 1967339 | 1750762 | 36.22% | 2.376% |
| 40 | 12.686 | 1798 | 1802 | 1809 | rBV  | 830601  | 861150  | 17.81% | 1.169% |
| 41 | 12.739 | 1809 | 1811 | 1814 | rVB  | 59625   | 57155   | 1.18%  | 0.078% |
| 42 | 12.815 | 1819 | 1824 | 1831 | rVV2 | 1321892 | 1611152 | 33.33% | 2.187% |
| 43 | 12.868 | 1831 | 1833 | 1836 | rVB3 | 68980   | 60640   | 1.25%  | 0.082% |
| 44 | 12.957 | 1842 | 1848 | 1852 | rBV  | 4766621 | 4579993 | 94.74% | 6.217% |
| 45 | 13.033 | 1857 | 1861 | 1865 | rBV3 | 71762   | 126975  | 2.63%  | 0.172% |
| 46 | 13.121 | 1873 | 1876 | 1877 | rBV2 | 66735   | 63584   | 1.32%  | 0.086% |
| 47 | 13.145 | 1877 | 1880 | 1884 | rVV  | 296512  | 284249  | 5.88%  | 0.386% |
| 48 | 13.210 | 1888 | 1891 | 1894 | rBV  | 274065  | 243201  | 5.03%  | 0.330% |
| 49 | 13.251 | 1894 | 1898 | 1900 | rBV2 | 95836   | 91907   | 1.90%  | 0.125% |
| 50 | 13.374 | 1910 | 1919 | 1927 | rBV2 | 750522  | 1904815 | 39.40% | 2.585% |
| 51 | 13.504 | 1938 | 1941 | 1943 | rBV2 | 63415   | 74954   | 1.55%  | 0.102% |
| 52 | 13.768 | 1983 | 1986 | 1988 | rBV  | 93190   | 97460   | 2.02%  | 0.132% |
| 53 | 13.792 | 1988 | 1990 | 1992 | rVV  | 100820  | 92654   | 1.92%  | 0.126% |
| 54 | 13.851 | 1996 | 2000 | 2006 | rVB4 | 427542  | 611399  | 12.65% | 0.830% |
| 55 | 14.015 | 2024 | 2028 | 2031 | rBV2 | 1887130 | 2278127 | 47.13% | 3.092% |
| 56 | 14.045 | 2031 | 2033 | 2041 | rVB2 | 1210585 | 2195607 | 45.42% | 2.980% |
| 57 | 14.121 | 2044 | 2046 | 2049 | rVB  | 109902  | 94004   | 1.94%  | 0.128% |
| 58 | 14.168 | 2051 | 2054 | 2058 | rBV  | 284919  | 276269  | 5.71%  | 0.375% |
| 59 | 14.245 | 2063 | 2067 | 2070 | rBV2 | 77703   | 103411  | 2.14%  | 0.140% |
| 60 | 14.404 | 2092 | 2094 | 2098 | rVB2 | 113055  | 90390   | 1.87%  | 0.123% |
| 61 | 14.474 | 2102 | 2106 | 2110 | rBV  | 664727  | 742487  | 15.36% | 1.008% |
| 62 | 14.551 | 2117 | 2119 | 2122 | rVB  | 80335   | 65008   | 1.34%  | 0.088% |
| 63 | 14.609 | 2122 | 2129 | 2137 | rBV  | 1124605 | 1912641 | 39.57% | 2.596% |
| 64 | 14.780 | 2154 | 2158 | 2162 | rVB  | 896427  | 952169  | 19.70% | 1.292% |
| 65 | 14.857 | 2168 | 2171 | 2175 | rVB  | 122553  | 136703  | 2.83%  | 0.186% |
| 66 | 15.062 | 2202 | 2206 | 2209 | rBV  | 443186  | 673824  | 13.94% | 0.915% |
| 67 | 15.121 | 2212 | 2216 | 2219 | rVV  | 1131739 | 1376164 | 28.47% | 1.868% |
| 68 | 15.162 | 2219 | 2223 | 2229 | rVB2 | 651177  | 1126268 | 23.30% | 1.529% |
| 69 | 15.362 | 2254 | 2257 | 2263 | rVB  | 281047  | 359739  | 7.44%  | 0.488% |
| 70 | 15.427 | 2264 | 2268 | 2274 | rBV  | 408474  | 497770  | 10.30% | 0.676% |
| 71 | 15.498 | 2274 | 2280 | 2292 | rVB2 | 1876572 | 2866646 | 59.30% | 3.891% |

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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

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-BF011619.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 72 | 15.804 | 2327 | 2332 | 2341 | rVB4 | 209556 | 488156 | 10.10% | 0.663% |
| 73 | 15.933 | 2349 | 2354 | 2359 | rBV  | 591879 | 865912 | 17.91% | 1.175% |
| 74 | 16.439 | 2435 | 2440 | 2445 | rVB2 | 244883 | 426762 | 8.83%  | 0.579% |
| 75 | 16.968 | 2526 | 2530 | 2536 | rVB2 | 173554 | 296786 | 6.14%  | 0.403% |

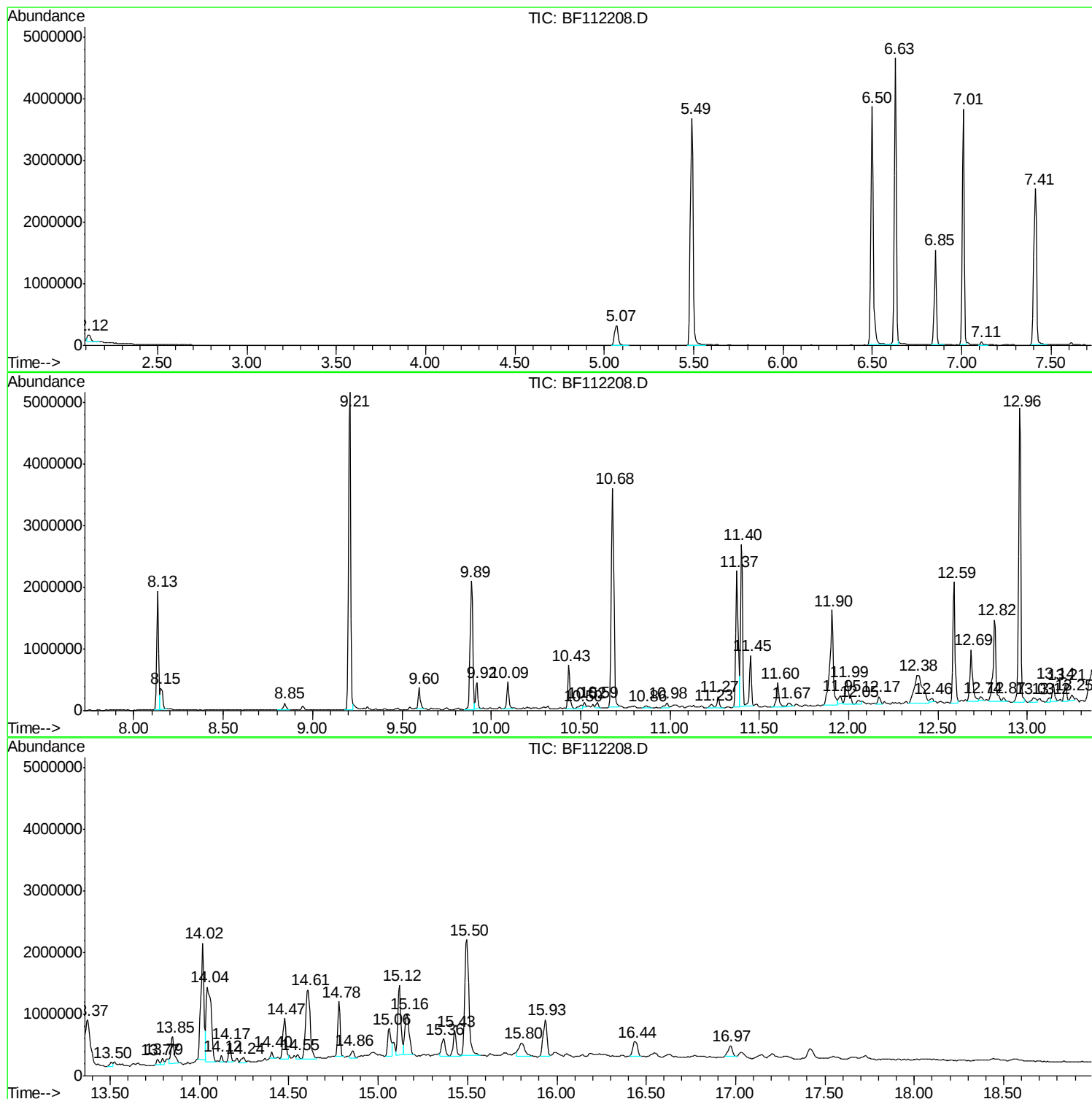
Sum of corrected areas: 73674626

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.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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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

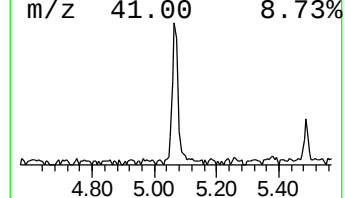
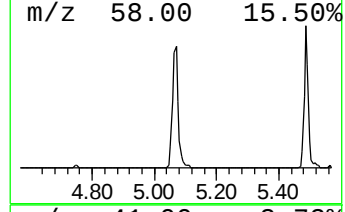
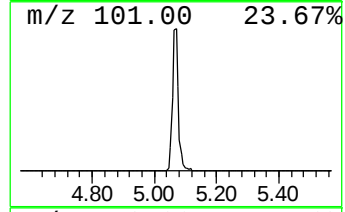
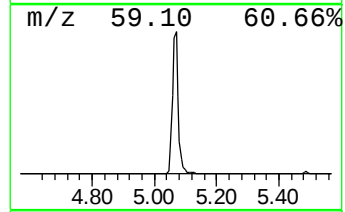
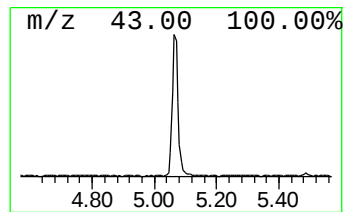
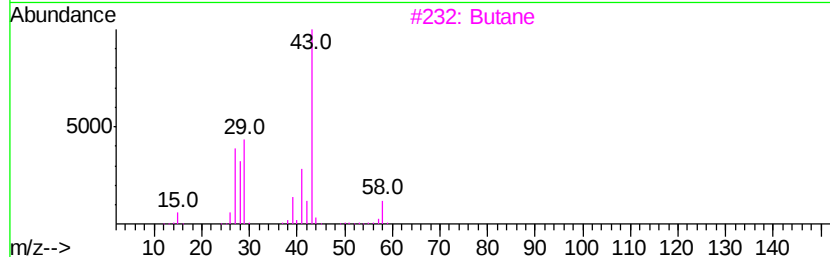
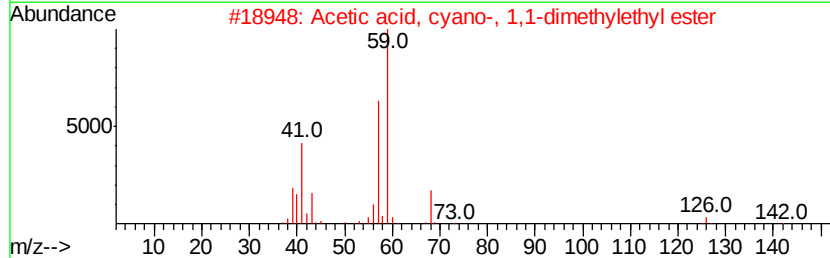
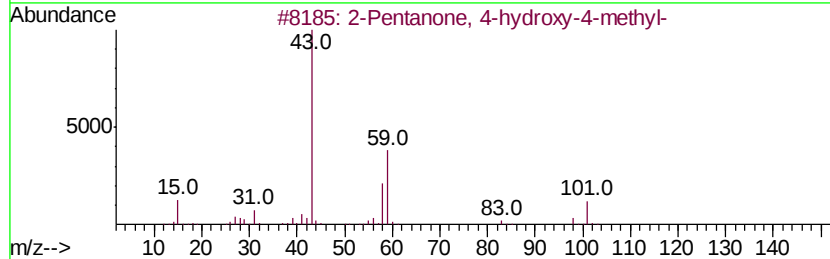
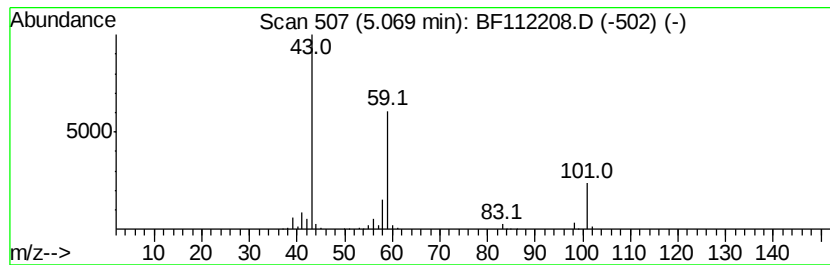
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.07 | 6.90 ng | 424141 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |    |   | Butane                               | 58  | C4H10    | 000106-97-8 | 9    |
| 4    |    |   | Morpholine, 4-methyl-                | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

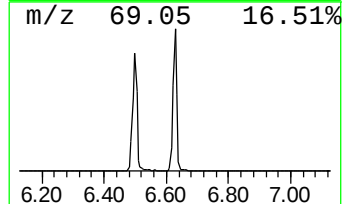
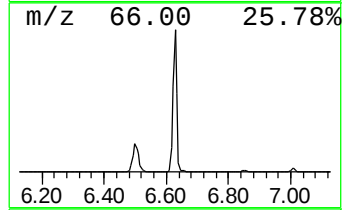
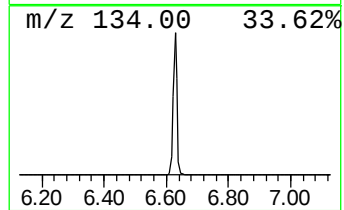
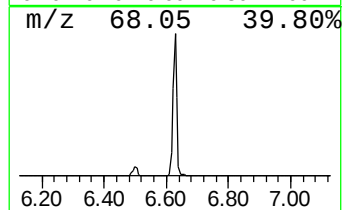
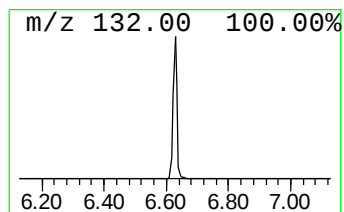
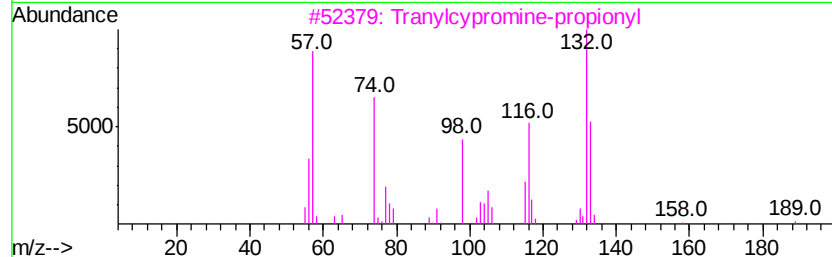
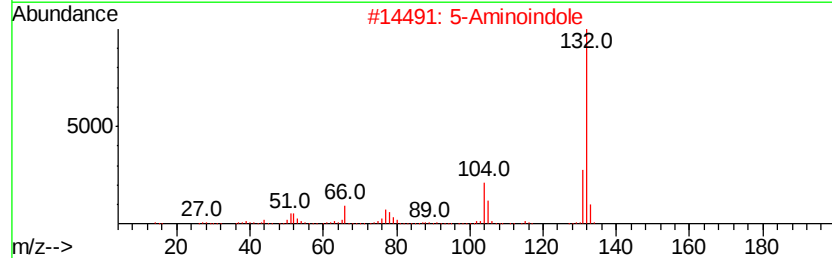
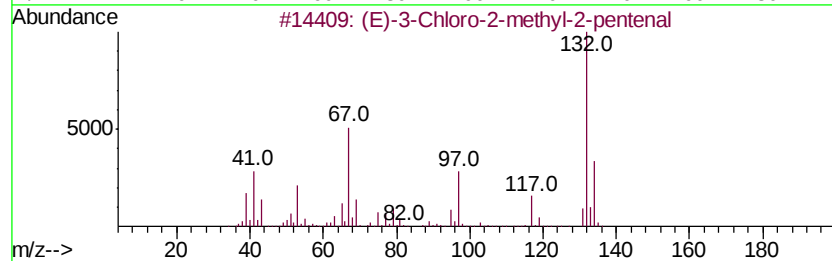
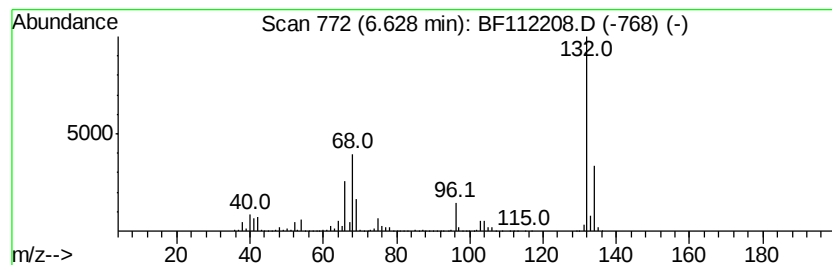
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown6.63 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.63 | 65.60 ng | 4030520 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 2    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

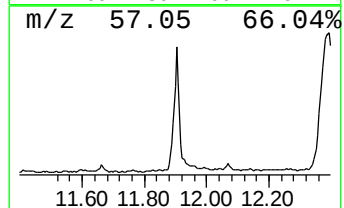
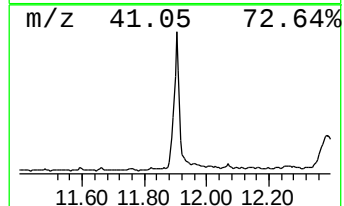
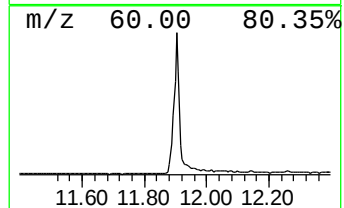
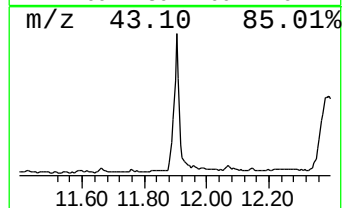
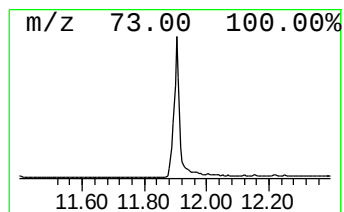
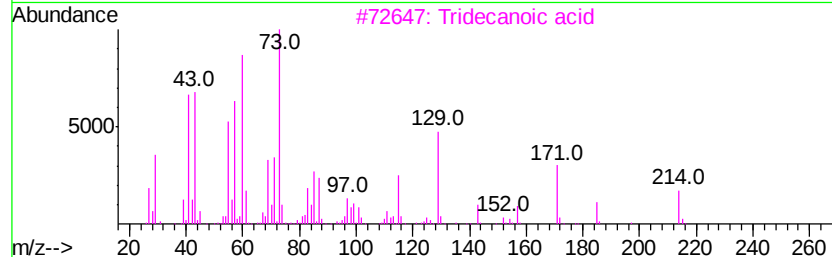
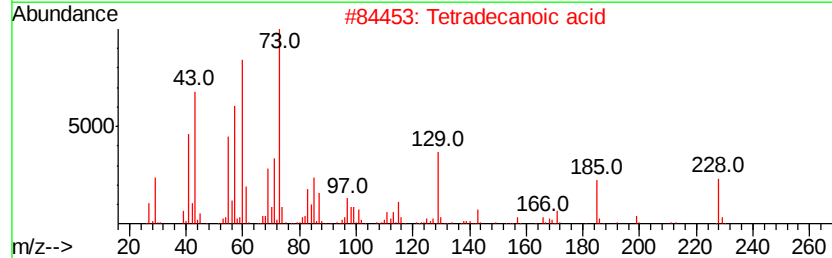
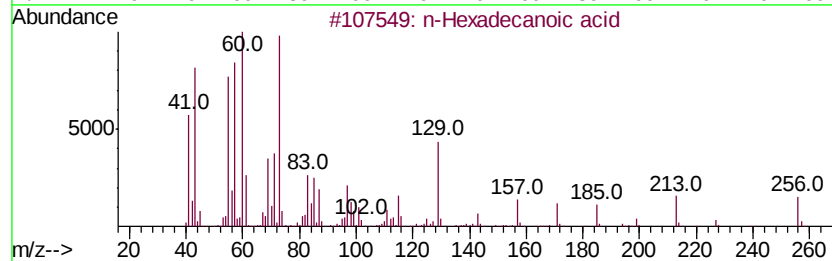
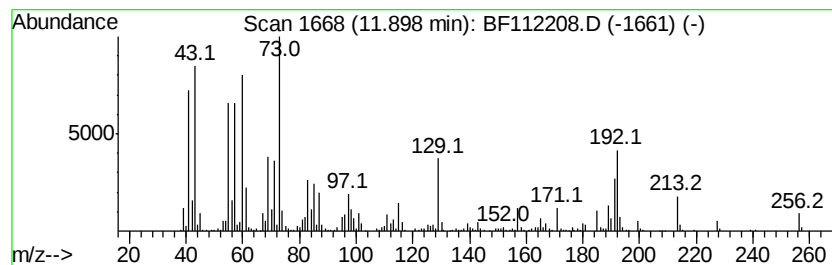
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.90 | 20.04 ng | 2016810 | Phenanthrene-d10 | 11.37 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 92   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 92   |
| 4    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 89   |
| 5    |    | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 70   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

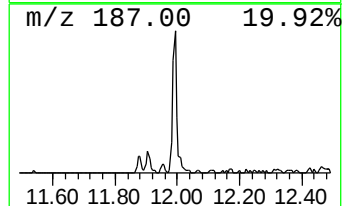
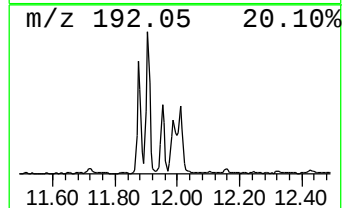
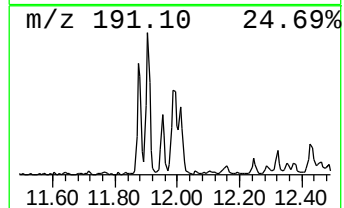
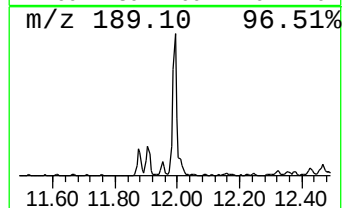
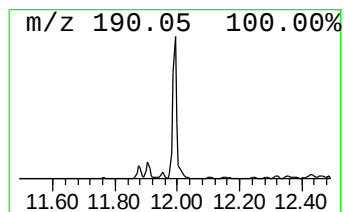
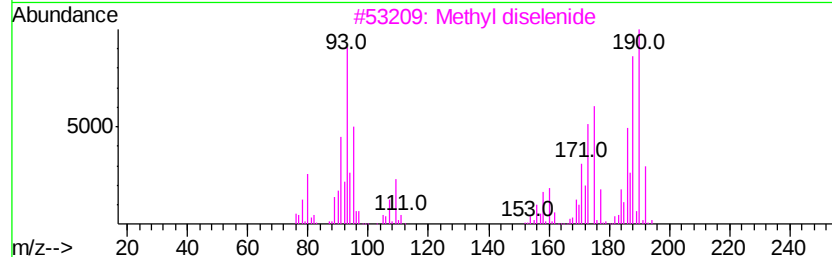
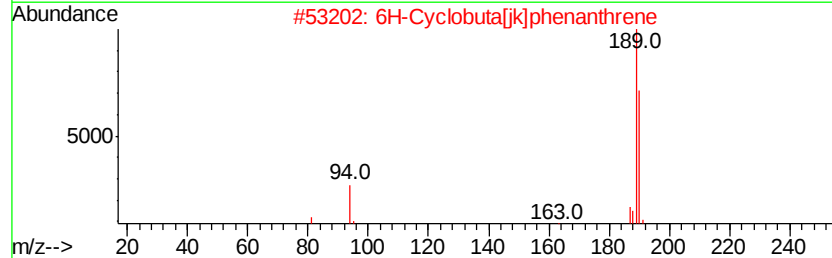
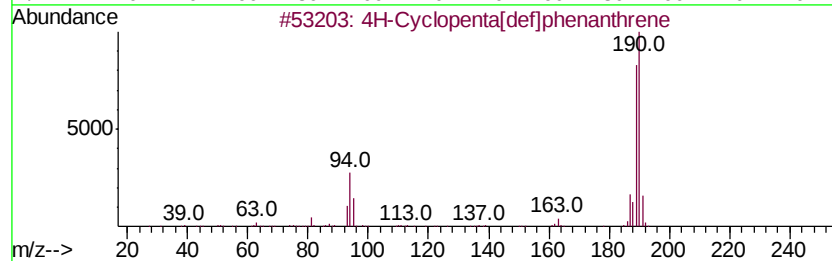
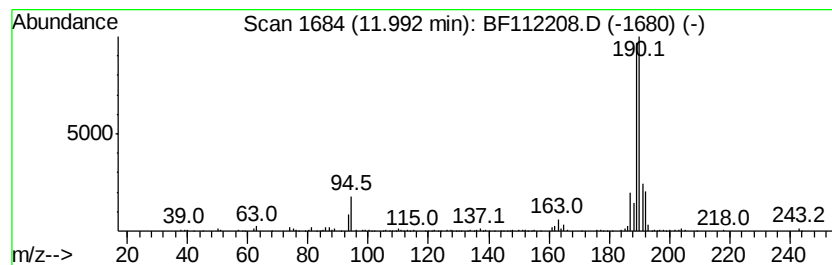
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.99 | 4.84 ng | 487431 | Phenanthrene-d10 | 11.37 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10   | 000203-64-5 | 81   |
| 2    |    | 6H-Cyclobuta[ik]phenanthrene        | 190 | C15H10   | 083469-43-6 | 64   |
| 3    |    | Methyl diselenide                   | 190 | C2H6Se2  | 007101-31-7 | 55   |
| 4    |    | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 50   |
| 5    |    | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4 | 069286-06-2 | 42   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

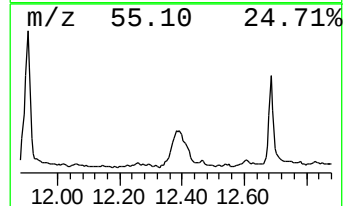
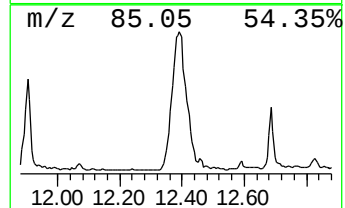
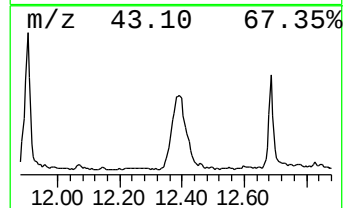
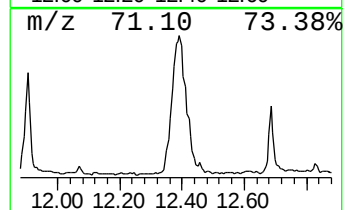
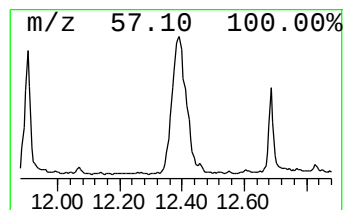
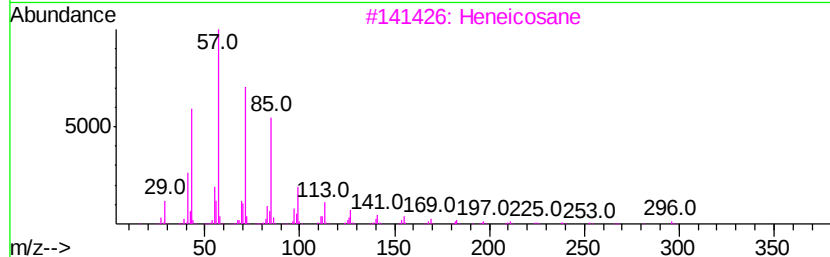
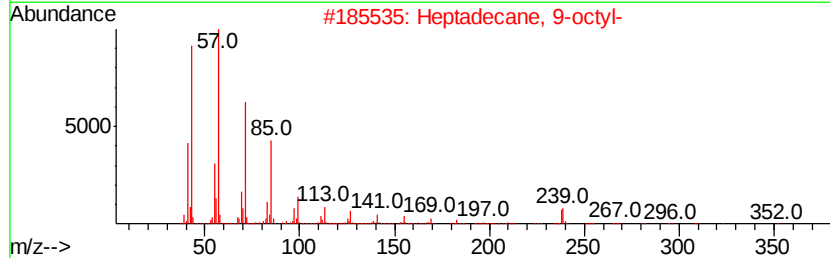
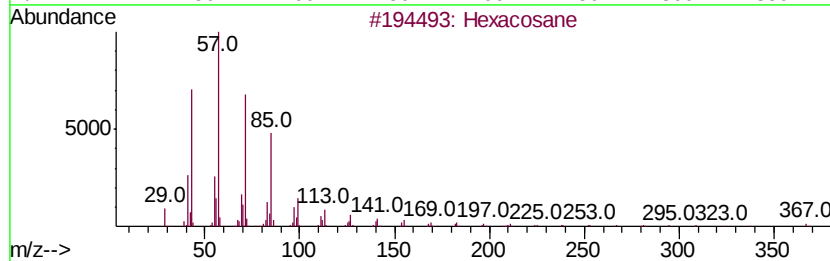
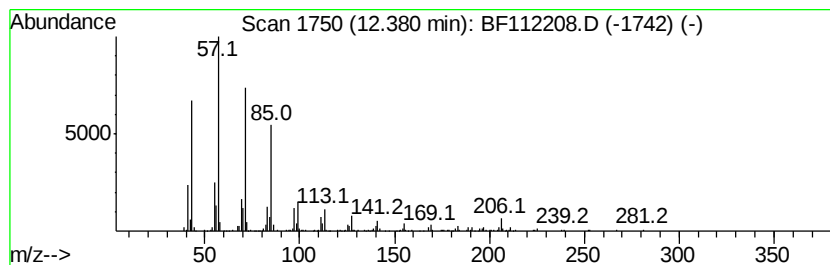
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Hexacosane Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.38 | 15.55 ng | 1564230 | Phenanthrene-d10 | 11.37 |

| Hit# of 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|-----------|-----------------------|-----|---------|--------------|------|
| 1         | Hexacosane            | 366 | C26H54  | 000630-01-3  | 94   |
| 2         | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |
| 3         | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 4         | Tetratetracontane     | 619 | C44H90  | 007098-22-8  | 91   |
| 5         | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

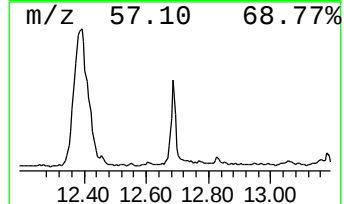
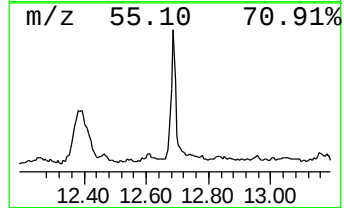
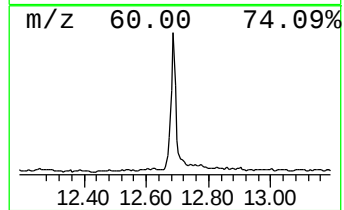
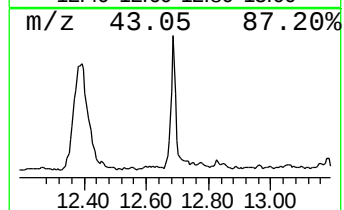
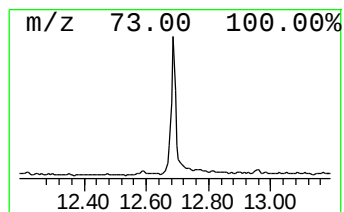
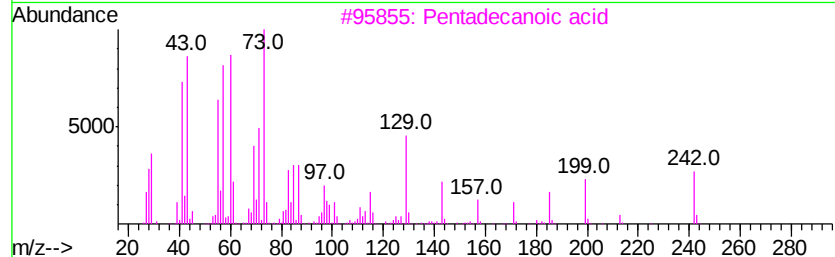
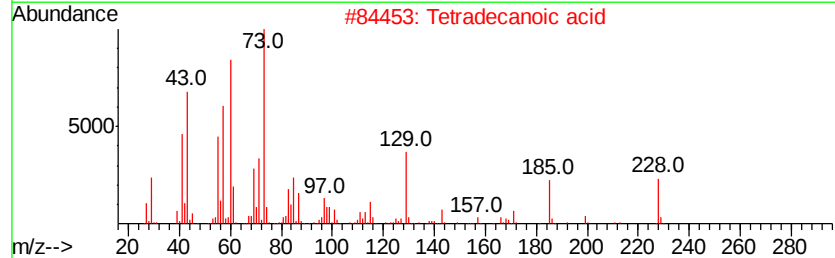
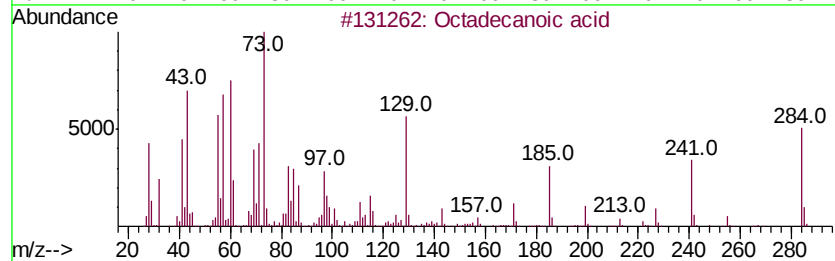
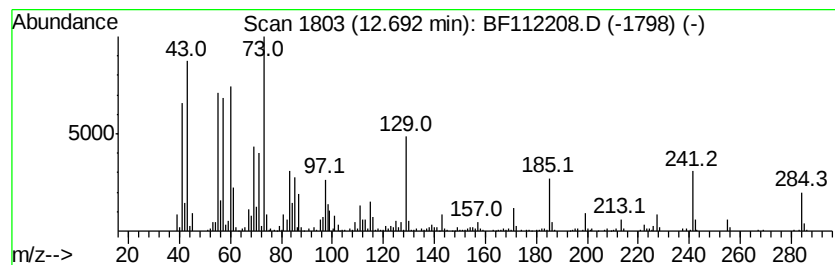
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Octadecanoic acid Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.69 | 8.56 ng | 861150 | Phenanthrene-d10 | 11.37 |

| Hit# of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|-----------|---------------------|-----|----------|-------------|------|
| 1         | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2         | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 3         | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 4         | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |
| 5         | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 62   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

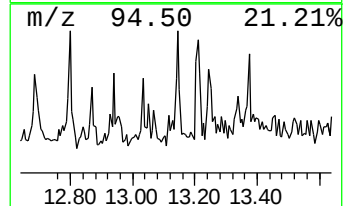
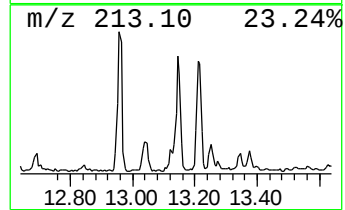
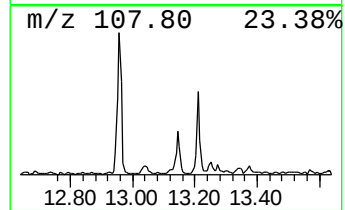
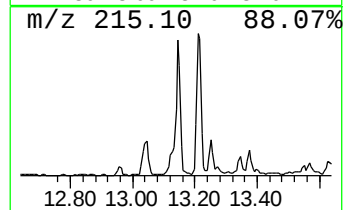
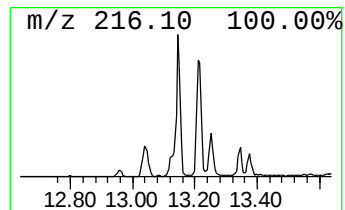
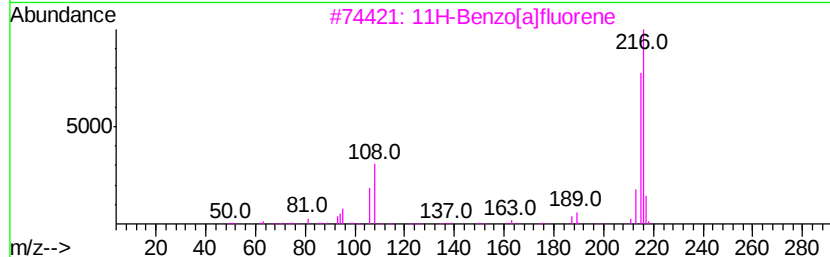
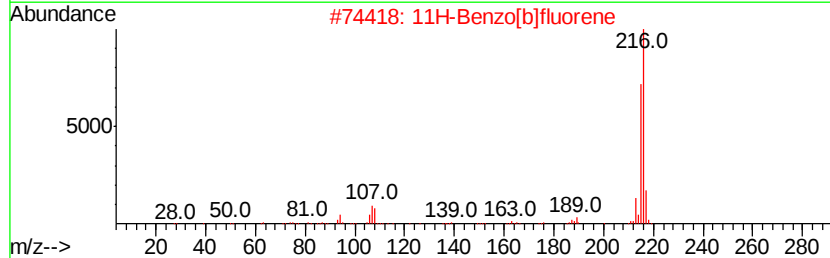
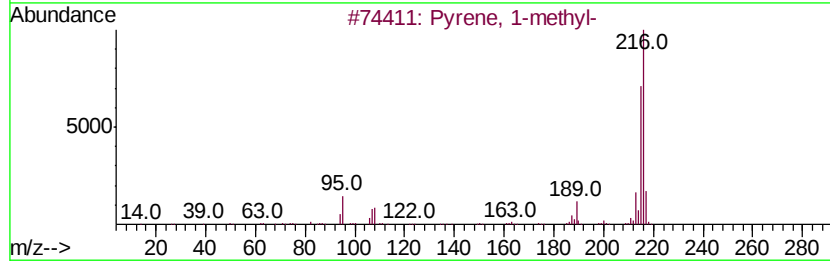
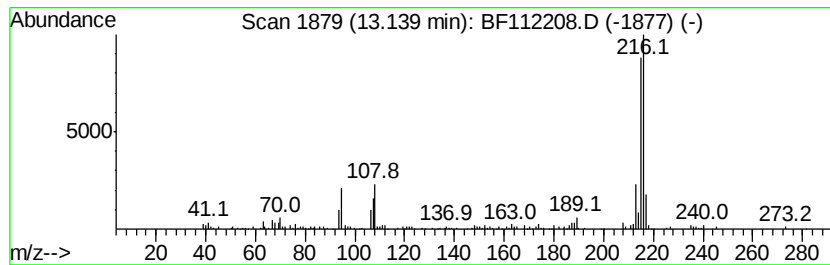
Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.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 Pyrene, 1-methyl- Concentration Rank 18

| R.T.    | EstConc | Area                    | Relative to ISTD | R.T.           |
|---------|---------|-------------------------|------------------|----------------|
| 13.14   | 2.50 ng | 284249                  | Chrysene-d12     | 14.02          |
| Hit# of | 5       | Tentative ID            | MW MolForm       | CAS# Qual      |
| 1       |         | Pyrene, 1-methyl-       | 216 C17H12       | 002381-21-7 91 |
| 2       |         | 11H-Benzo[b]fluorene    | 216 C17H12       | 000243-17-4 90 |
| 3       |         | 11H-Benzo[a]fluorene    | 216 C17H12       | 000238-84-6 87 |
| 4       |         | Fluoranthene, 2-methyl- | 216 C17H12       | 033543-31-6 81 |
| 5       |         | Pyrene, 2-methyl-       | 216 C17H12       | 003442-78-2 76 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

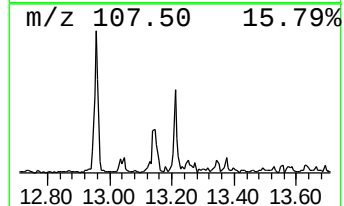
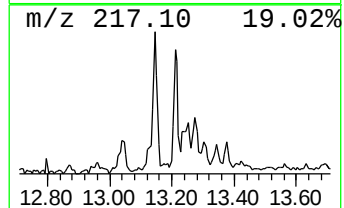
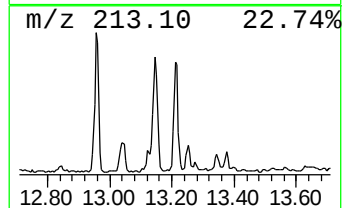
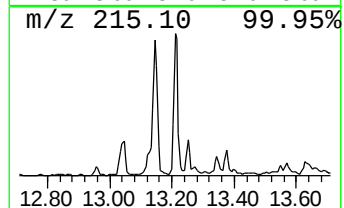
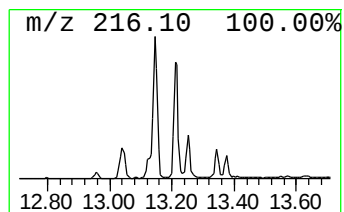
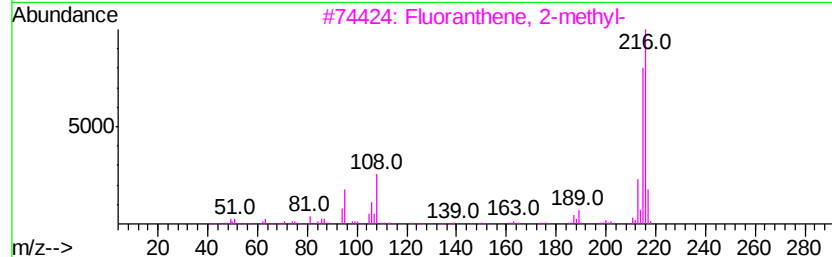
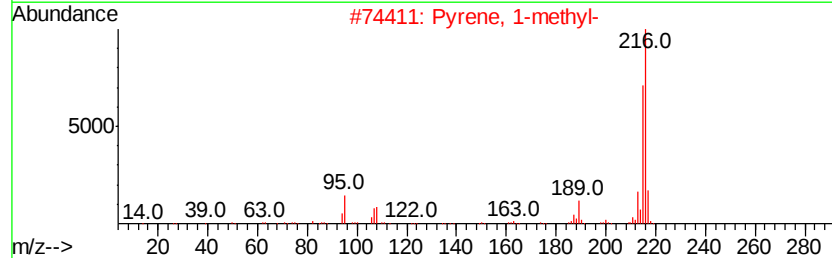
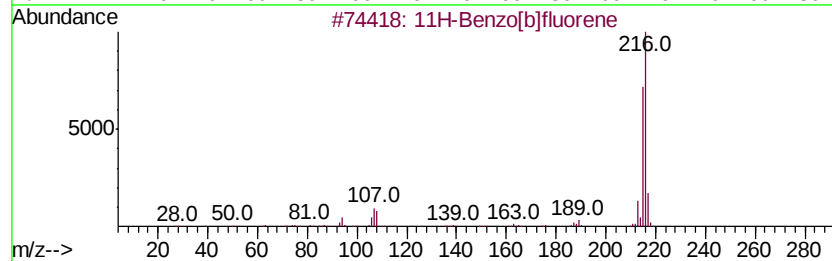
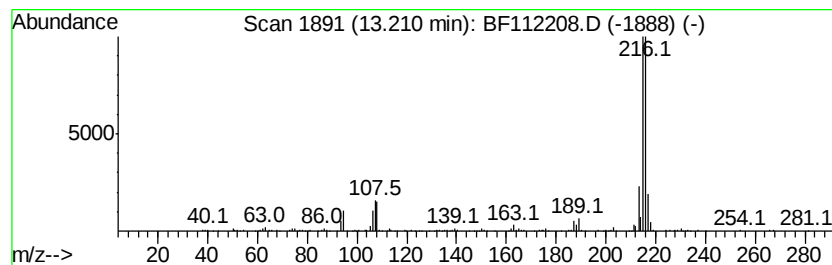
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.21 | 2.14 ng | 243201 | Chrysene-d12     | 14.02 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 94   |
| 2    |    | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 94   |
| 3    |    | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 91   |
| 4    |    | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 87   |
| 5    |    | 7H-Benzo[c]fluorene     | 216 | C17H12  | 000205-12-9 | 81   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

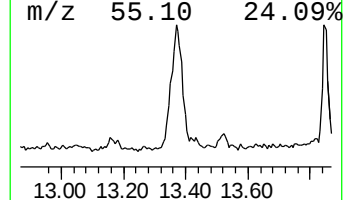
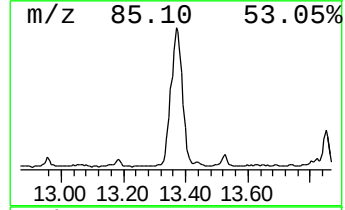
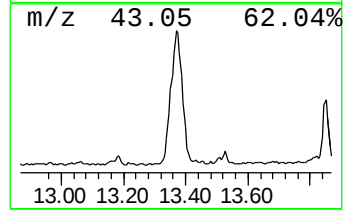
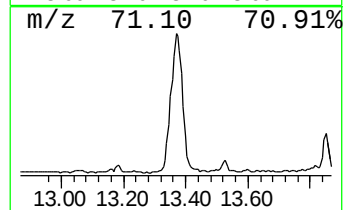
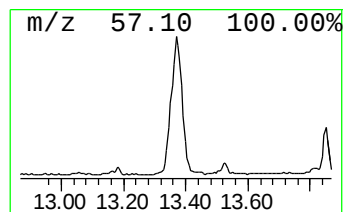
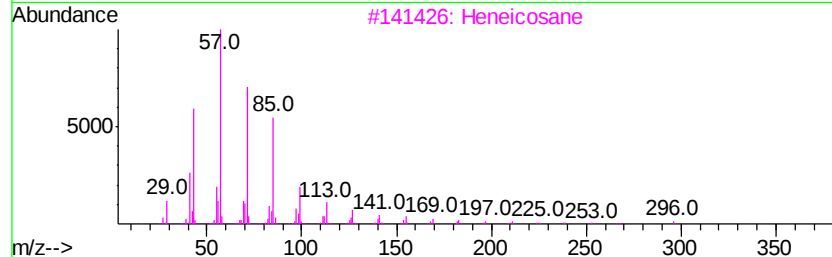
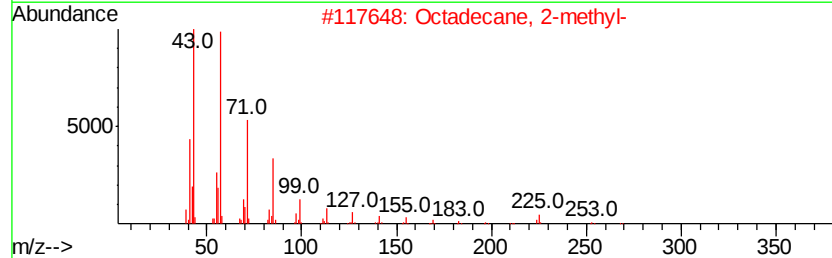
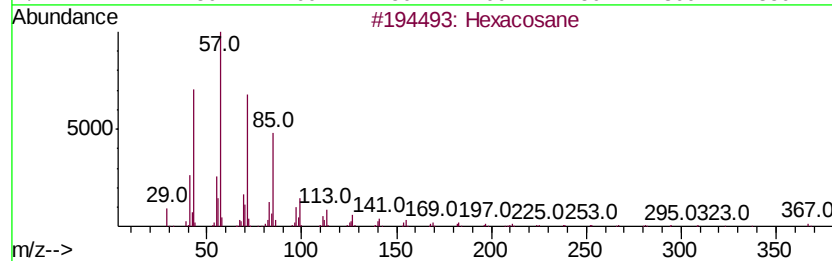
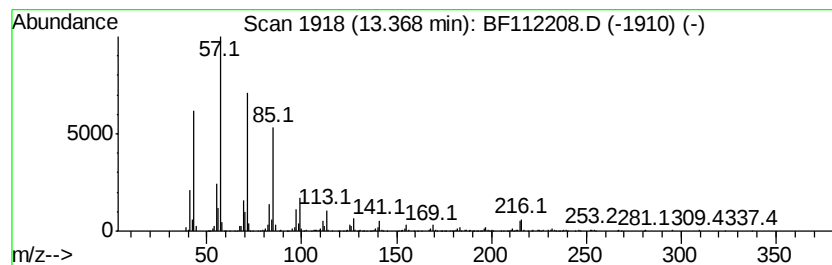
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Octadecane, 2-methyl- Concentration Rank 5

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 13.37 | 16.72 ng | 1904820 | Chrysene-d12     | 14.02 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Hexacosane            | 366 | C26H54  | 000630-01-3 | 93   |
| 2    |    | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 89   |
| 3    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 87   |
| 4    |    | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 87   |
| 5    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

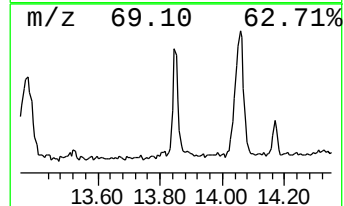
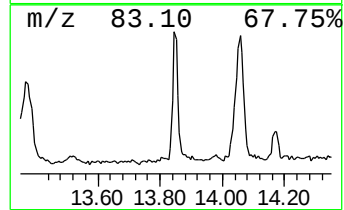
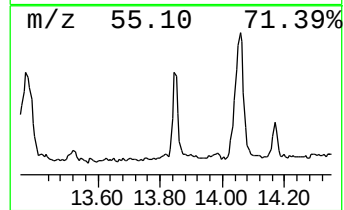
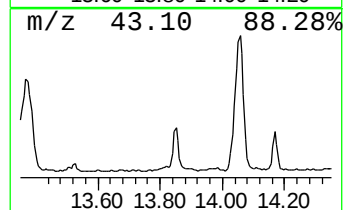
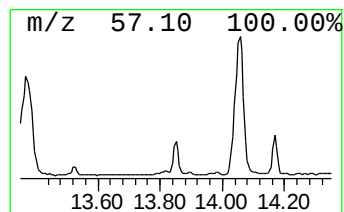
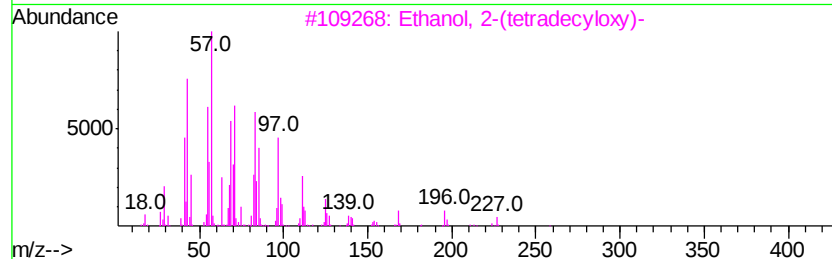
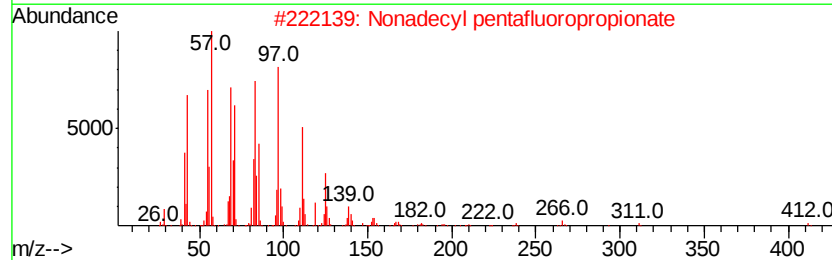
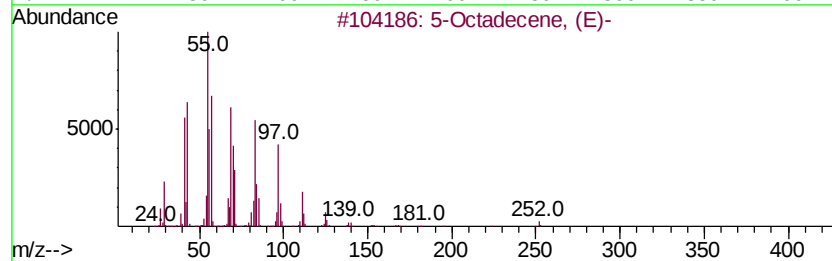
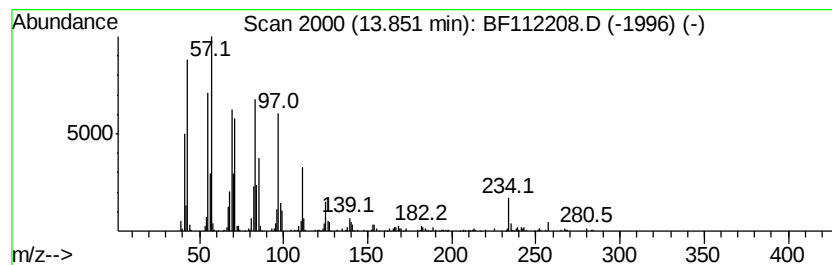
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ClientSampleId :  
BU-02-012319

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 5-Octadecene, (E)- Concentration Rank 13

| R.T.    | EstConc                         | Area         | Relative to ISTD | R.T.         |      |      |
|---------|---------------------------------|--------------|------------------|--------------|------|------|
| 13.85   | 5.37 ng                         | 611399       | Chrysene-d12     | 14.02        |      |      |
| Hit# of | 5                               | Tentative ID | MW               | MolForm      | CAS# | Qual |
| 1       | 5-Octadecene, (E)-              | 252          | C18H36           | 007206-21-5  | 93   |      |
| 2       | Nonadecyl pentafluoropropionate | 430          | C22H39F5O2       | 1000351-88-8 | 90   |      |
| 3       | Ethanol, 2-(tetradecyloxy)-     | 258          | C16H34O2         | 002136-70-1  | 90   |      |
| 4       | 3-Eicosene, (E)-                | 280          | C20H40           | 074685-33-9  | 87   |      |
| 5       | Hexacosyl heptafluorobutyrate   | 578          | C30H53F7O2       | 1000351-83-3 | 87   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
 Data File : BF112208.D  
 Acq On : 24 Jan 2019 14:56  
 Operator : JU/SJ  
 Sample : K1003-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

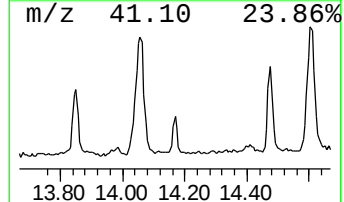
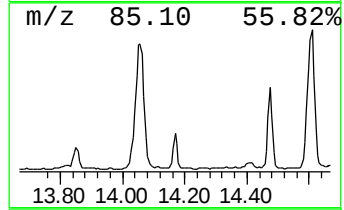
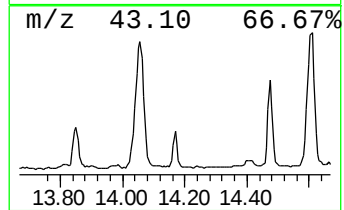
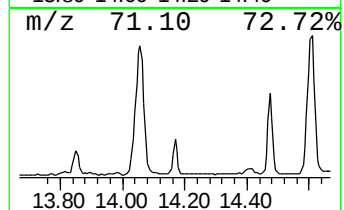
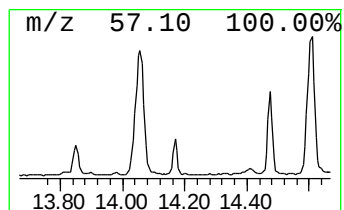
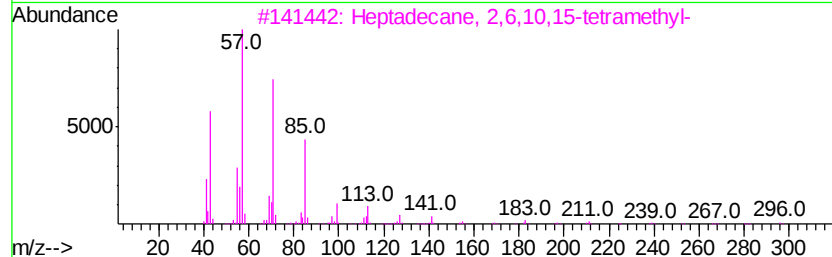
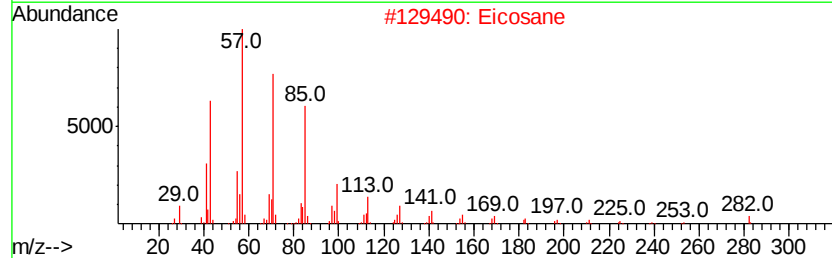
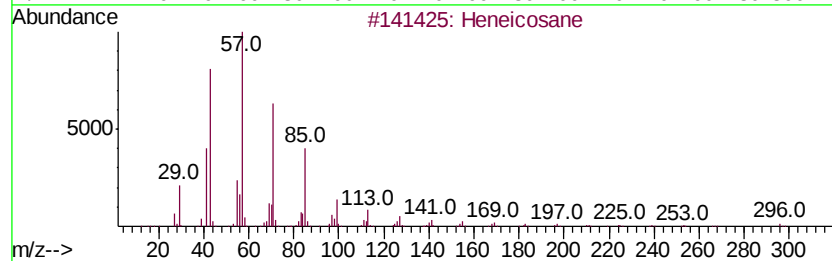
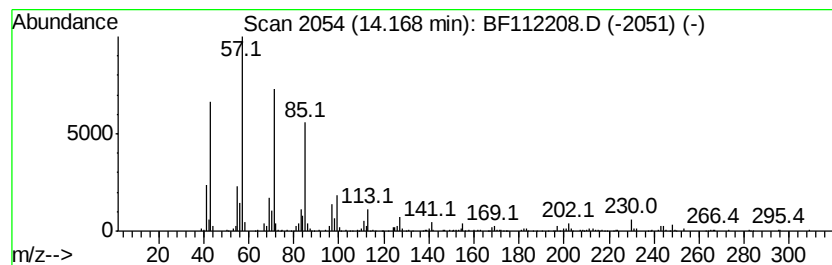
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 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 12 Heneicosane Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.17 | 2.43 ng | 276269 | Chrysene-d12     | 14.02 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 97   |
| 2    |    | Eicosane                            | 282 | C20H42  | 000112-95-8 | 93   |
| 3    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 91   |
| 4    |    | Hexacosane                          | 366 | C26H54  | 000630-01-3 | 90   |
| 5    |    | Eicosane, 7-hexyl-                  | 366 | C26H54  | 055333-99-8 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
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Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

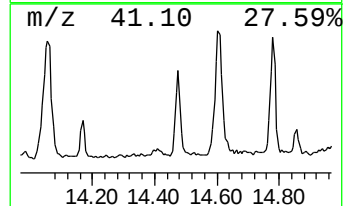
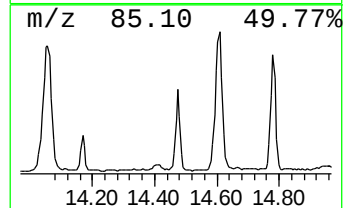
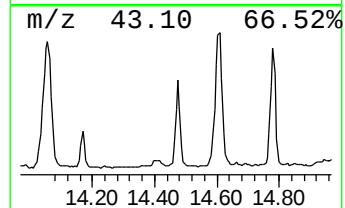
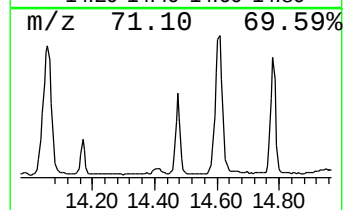
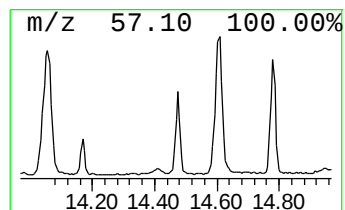
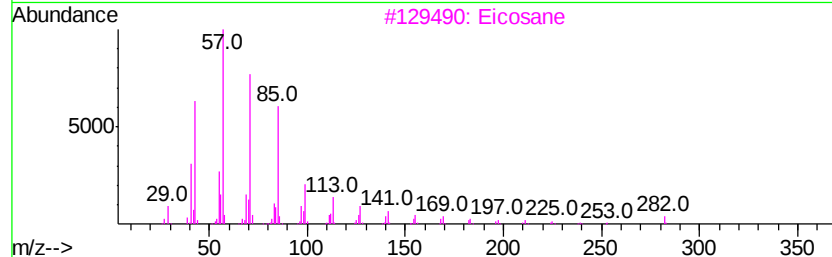
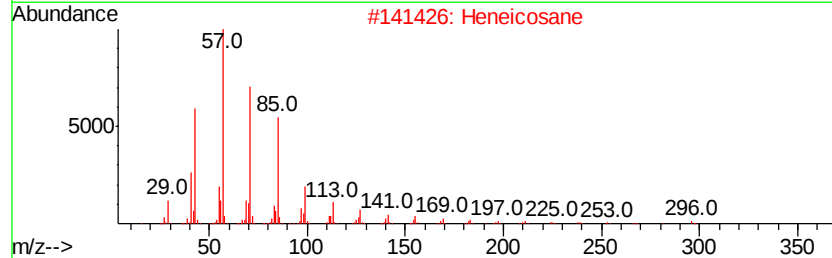
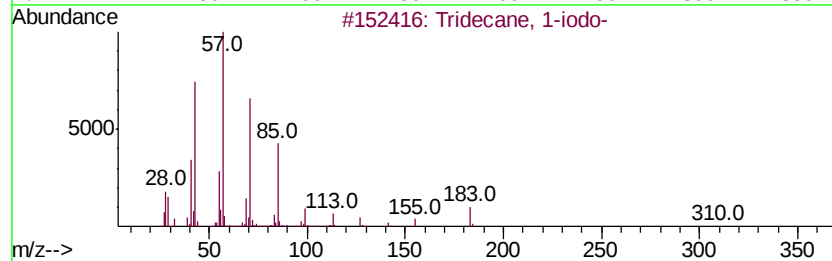
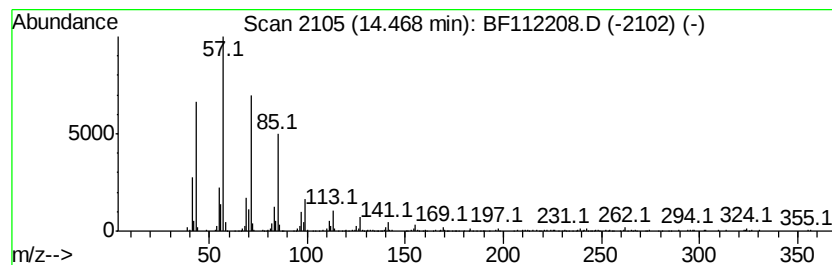
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ClientSampleId :  
BU-02-012319

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 Tridecane, 1-iodo- Concentration Rank 11

| R.T.      | EstConc            | Area   | Relative to ISTD |              | R.T.  |
|-----------|--------------------|--------|------------------|--------------|-------|
| 14.47     | 6.52 ng            | 742487 | Chrysene-d12     |              | 14.02 |
| Hit# of 5 | Tentative ID       | MW     | MolForm          | CAS#         | Qual  |
| 1         | Tridecane, 1-iodo- | 310    | C13H27I          | 035599-77-0  | 93    |
| 2         | Heneicosane        | 296    | C21H44           | 000629-94-7  | 91    |
| 3         | Eicosane           | 282    | C20H42           | 000112-95-8  | 91    |
| 4         | Tetratetracontane  | 619    | C44H90           | 007098-22-8  | 91    |
| 5         | 2-methyloctacosane | 408    | C29H60           | 1000376-72-8 | 91    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
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Operator : JU/SJ  
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Misc :  
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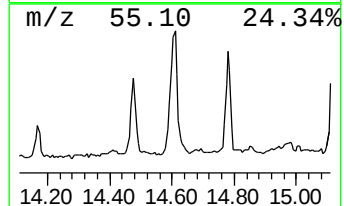
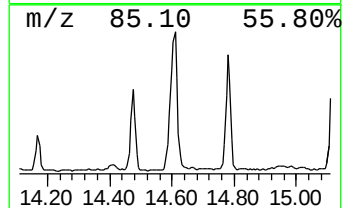
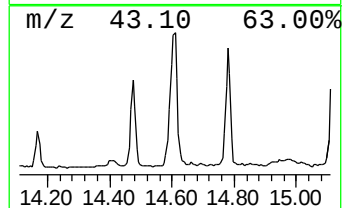
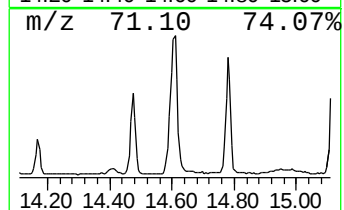
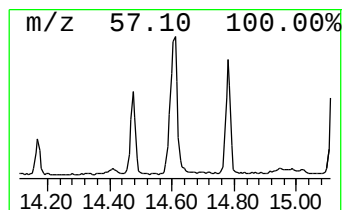
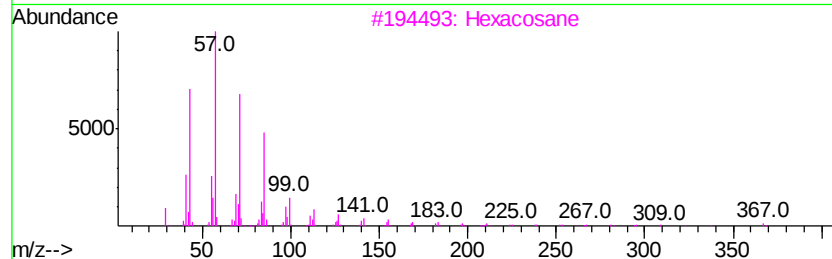
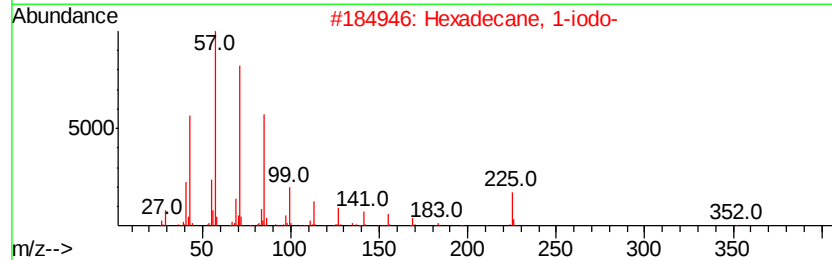
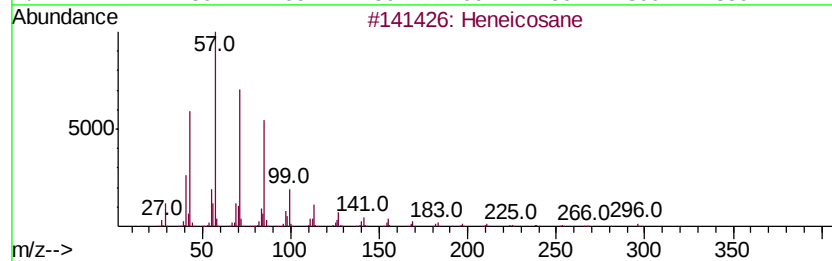
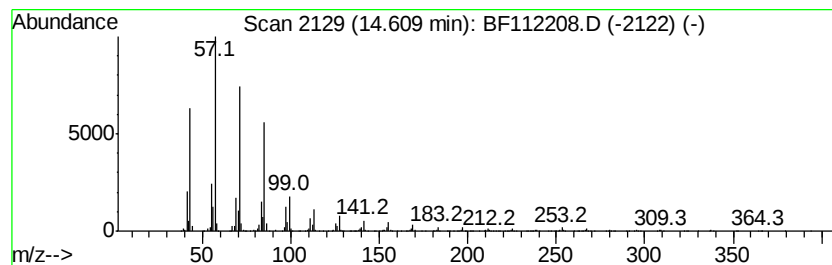
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ClientSampleId :  
BU-02-012319

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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 14 Hexadecane, 1-iodo- Concentration Rank 4

| R.T.    | EstConc             | Area         | Relative to ISTD | R.T.      |
|---------|---------------------|--------------|------------------|-----------|
| 14.61   | 16.79 ng            | 1912640      | Chrysene-d12     | 14.02     |
| Hit# of | 5                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heneicosane         | 296 C21H44   | 000629-94-7      | 96        |
| 2       | Hexadecane, 1-iodo- | 352 C16H33I  | 000544-77-4      | 94        |
| 3       | Hexacosane          | 366 C26H54   | 000630-01-3      | 94        |
| 4       | Docosane, 11-butyl- | 366 C26H54   | 013475-76-8      | 94        |
| 5       | Tetracosane         | 338 C24H50   | 000646-31-1      | 94        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
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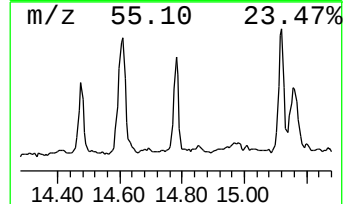
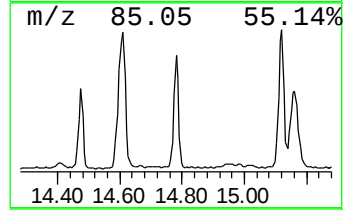
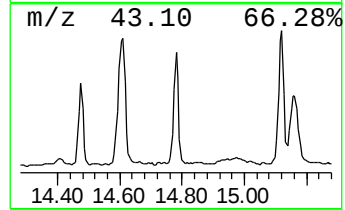
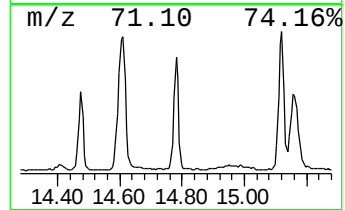
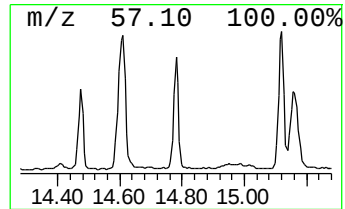
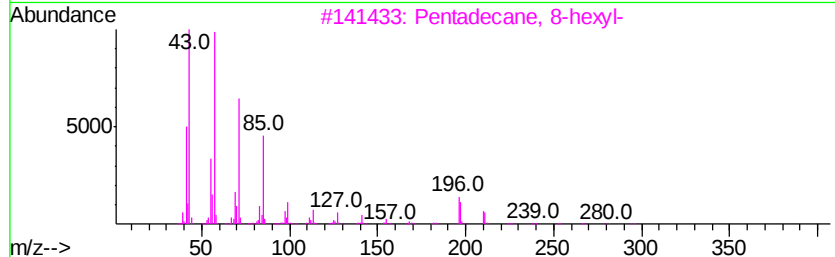
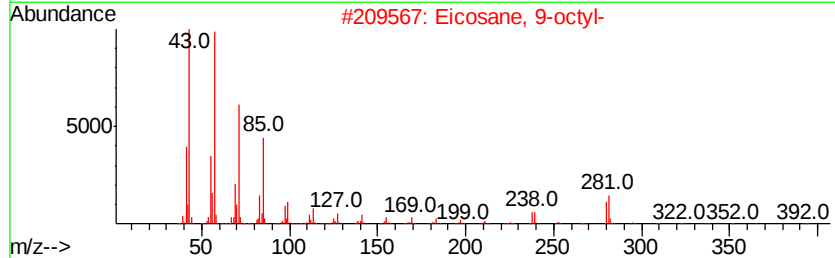
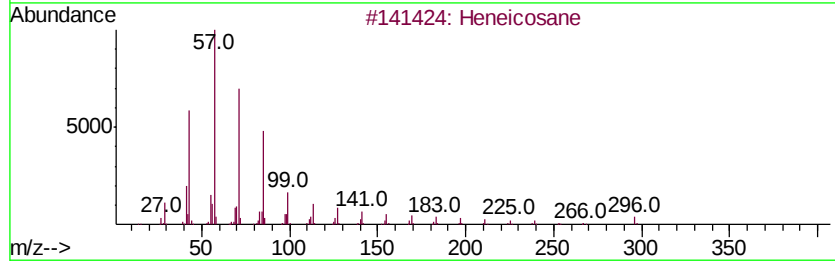
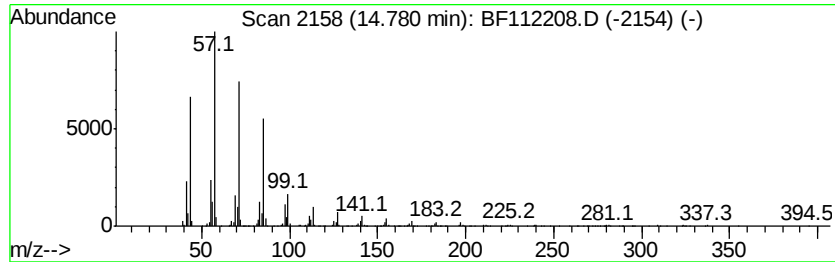
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BU-02-012319

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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 Eicosane, 9-octyl- Concentration Rank 10

| R.T.    | EstConc | Area                    | Relative to ISTD | R.T.           |
|---------|---------|-------------------------|------------------|----------------|
| 14.78   | 6.64 ng | 952169                  | Perylene-d12     | 15.49          |
| Hit# of | 5       | Tentative ID            | MW MolForm       | CAS# Qual      |
| 1       |         | Heneicosane             | 296 C21H44       | 000629-94-7 97 |
| 2       |         | Eicosane, 9-octyl-      | 394 C28H58       | 013475-77-9 94 |
| 3       |         | Pentadecane, 8-hexyl-   | 296 C21H44       | 013475-75-7 94 |
| 4       |         | Eicosane, 10-methyl-    | 296 C21H44       | 054833-23-7 93 |
| 5       |         | 1-Iodo-2-methylundecane | 296 C12H25I      | 073105-67-6 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
 Data File : BF112208.D  
 Acq On : 24 Jan 2019 14:56  
 Operator : JU/SJ  
 Sample : K1003-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

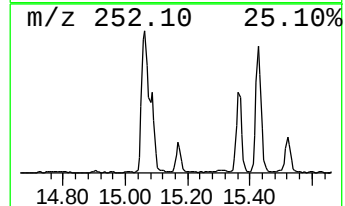
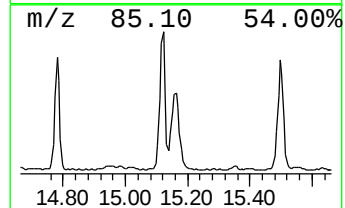
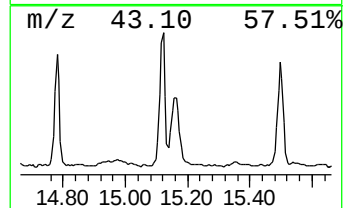
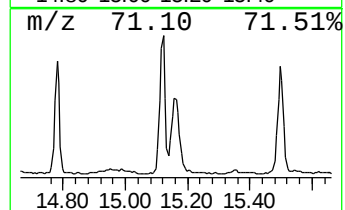
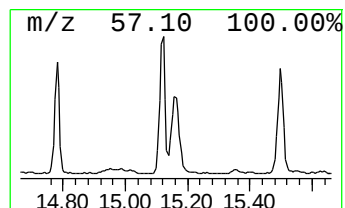
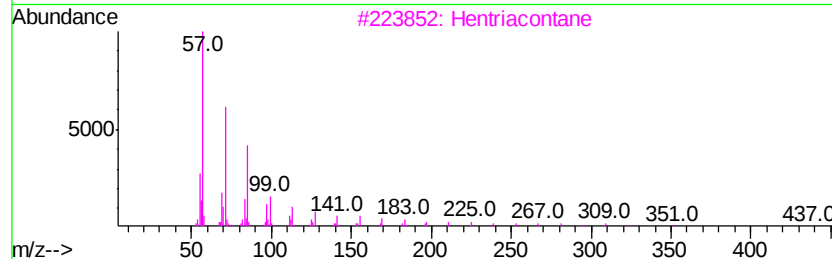
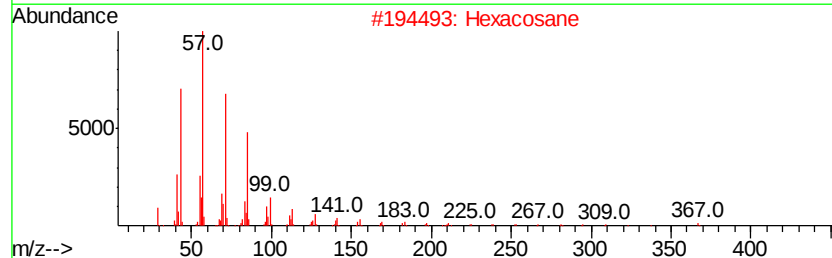
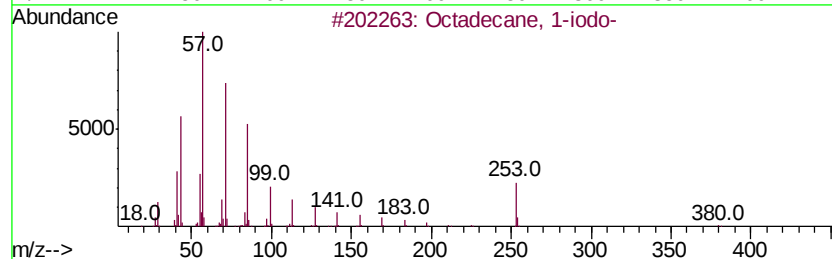
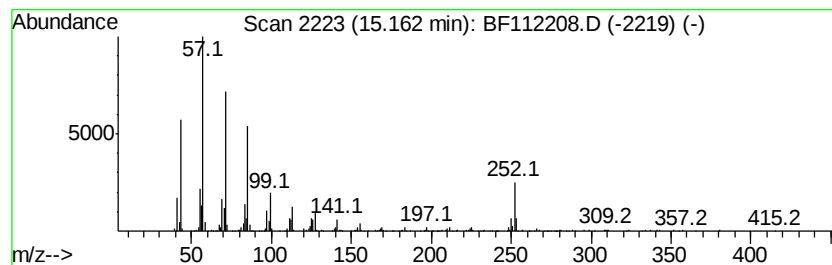
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 TIC Integration Parameters: LSCINT.P

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 Peak Number 16 Octadecane, 1-iodo- Concentration Rank 8

| R.T.  | EstConc | Area    | Relative to ISTD | R.T.  |
|-------|---------|---------|------------------|-------|
| 15.16 | 7.86 ng | 1126270 | Perylene-d12     | 15.49 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 93   |
| 2    |    |   | Hexacosane          | 366 | C26H54  | 000630-01-3 | 87   |
| 3    |    |   | Hentriacontane      | 437 | C31H64  | 000630-04-6 | 87   |
| 4    |    |   | Heneicosane         | 296 | C21H44  | 000629-94-7 | 87   |
| 5    |    |   | Pentacosane         | 352 | C25H52  | 000629-99-2 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

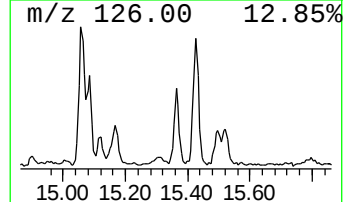
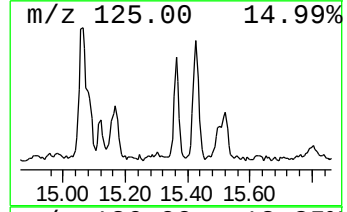
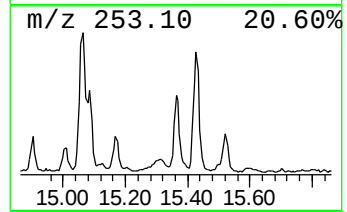
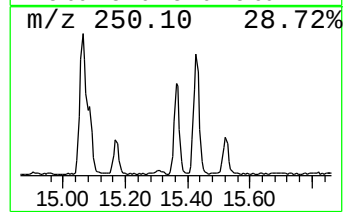
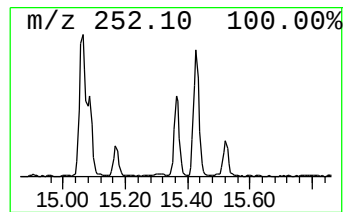
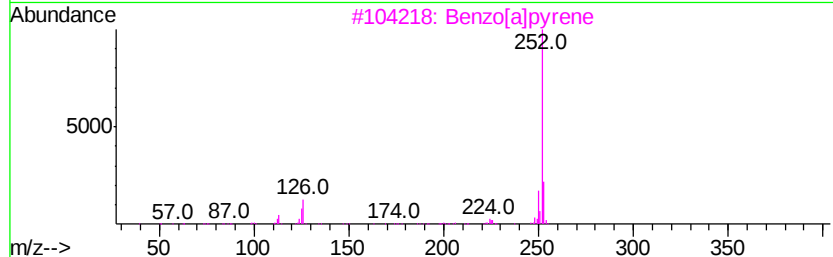
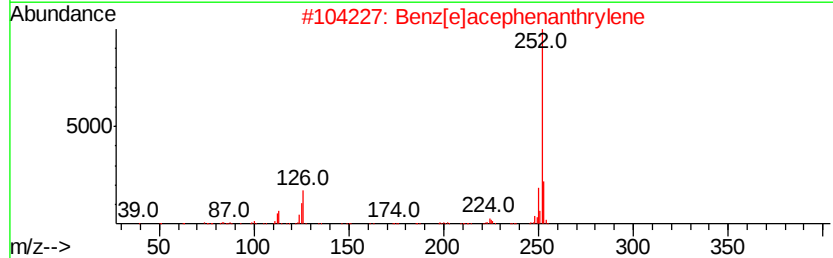
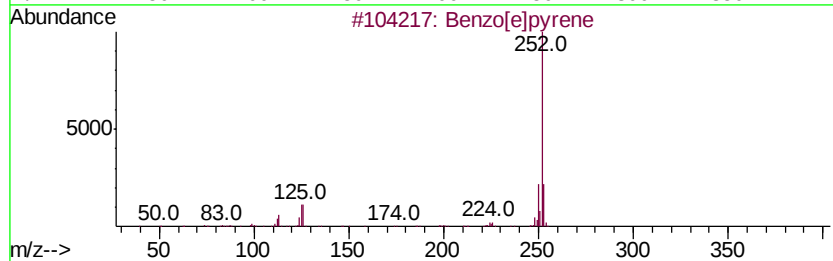
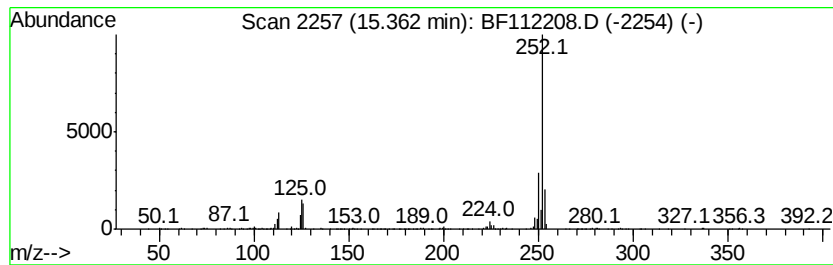
Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.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 Benzo[e]pyrene Concentration Rank 17

| R.T.    | EstConc | Area                      | Relative to ISTD | R.T.           |
|---------|---------|---------------------------|------------------|----------------|
| 15.36   | 2.51 ng | 359739                    | Perylene-d12     | 15.49          |
| Hit# of | 5       | Tentative ID              | MW MolForm       | CAS# Qual      |
| 1       |         | Benzo[e]pyrene            | 252 C20H12       | 000192-97-2 98 |
| 2       |         | Benzo[e]acephenanthrylene | 252 C20H12       | 000205-99-2 98 |
| 3       |         | Benzo[a]pyrene            | 252 C20H12       | 000050-32-8 96 |
| 4       |         | Benzo[i]fluoranthene      | 252 C20H12       | 000205-82-3 94 |
| 5       |         | Benzo[k]fluoranthene      | 252 C20H12       | 000207-08-9 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

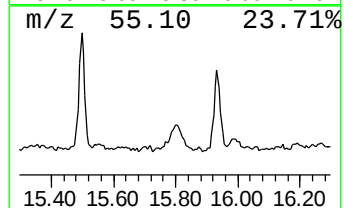
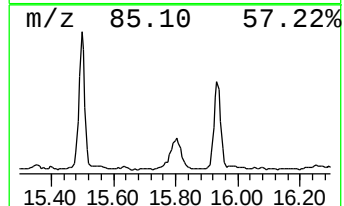
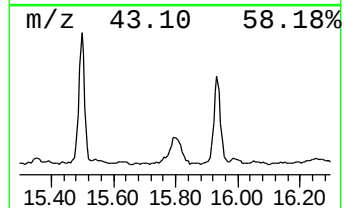
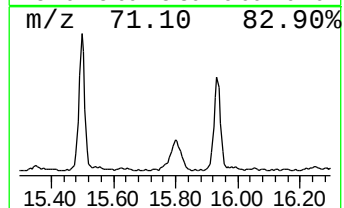
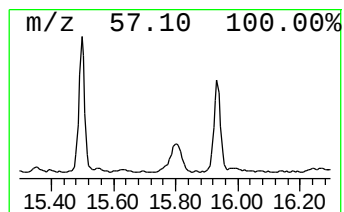
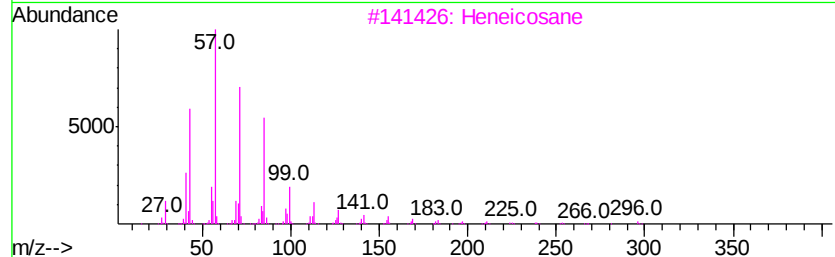
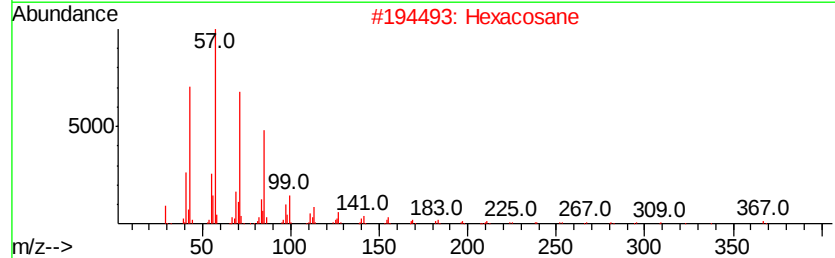
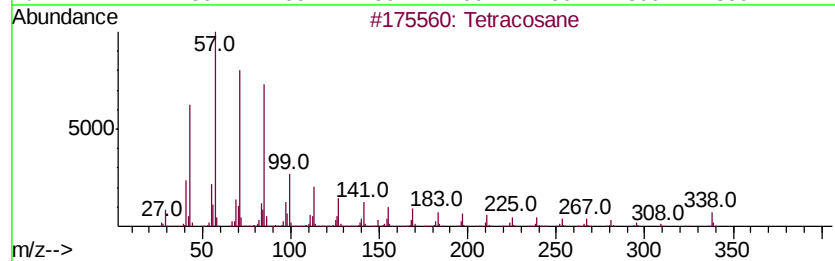
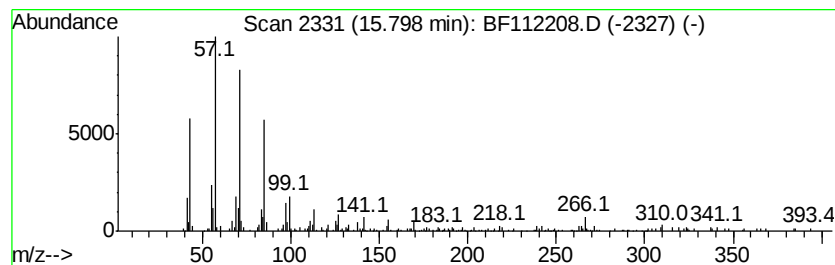
Instrument :  
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ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.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 Tetracosane Concentration Rank 15

| R.T.    | EstConc | Area           | Relative to ISTD | R.T.           |
|---------|---------|----------------|------------------|----------------|
| 15.80   | 3.41 ng | 488156         | Perylene-d12     | 15.49          |
| Hit# of | 5       | Tentative ID   | MW MolForm       | CAS# Qual      |
| 1       |         | Tetracosane    | 338 C24H50       | 000646-31-1 94 |
| 2       |         | Hexacosane     | 366 C26H54       | 000630-01-3 81 |
| 3       |         | Heneicosane    | 296 C21H44       | 000629-94-7 81 |
| 4       |         | Hentriacontane | 437 C31H64       | 000630-04-6 81 |
| 5       |         | Docosane       | 310 C22H46       | 000629-97-0 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

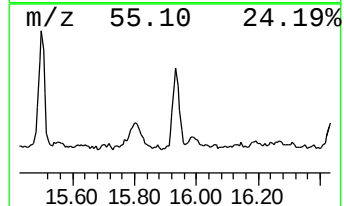
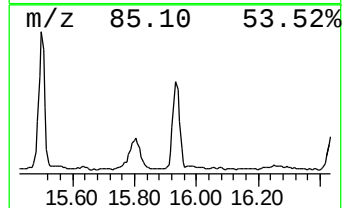
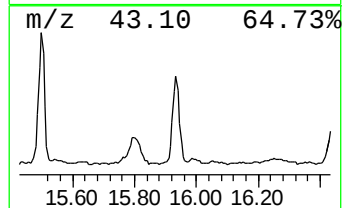
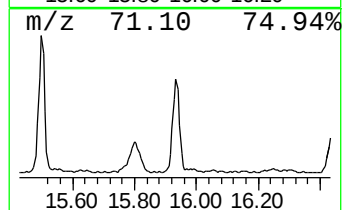
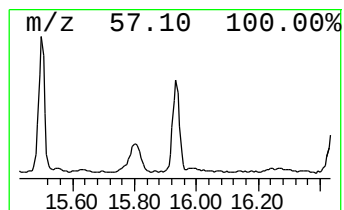
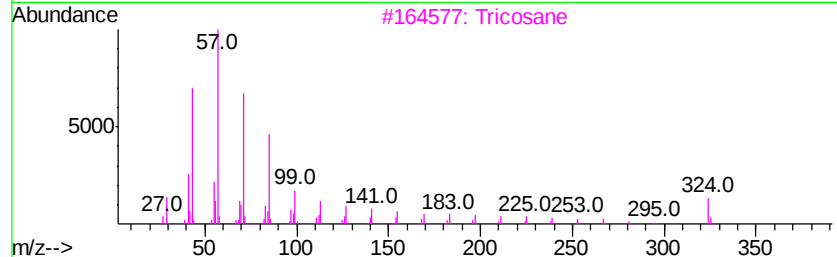
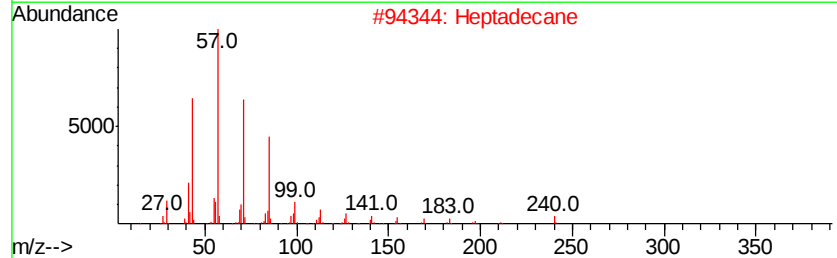
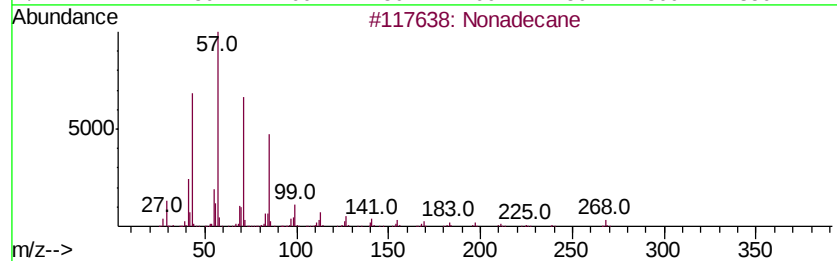
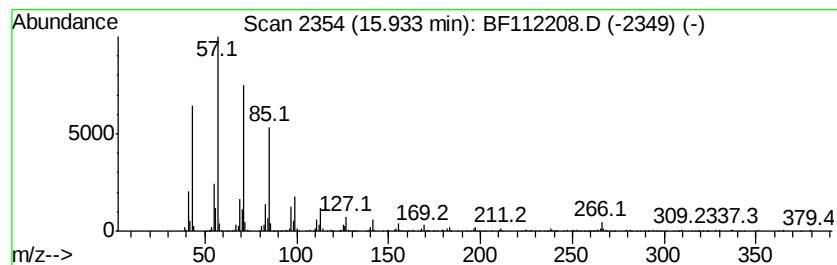
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Nonadecane Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.93 | 6.04 ng | 865912 | Perylene-d12     | 15.49 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Nonadecane        | 268 | C19H40  | 000629-92-5 | 95   |
| 2    |    | Heptadecane       | 240 | C17H36  | 000629-78-7 | 94   |
| 3    |    | Tricosane         | 324 | C23H48  | 000638-67-5 | 93   |
| 4    |    | Tetracosane       | 338 | C24H50  | 000646-31-1 | 93   |
| 5    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
Data File : BF112208.D  
Acq On : 24 Jan 2019 14:56  
Operator : JU/SJ  
Sample : K1003-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

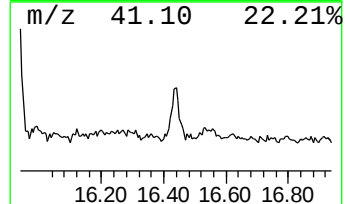
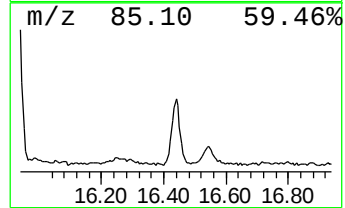
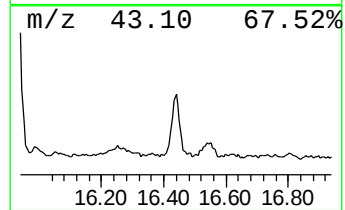
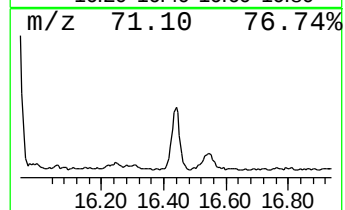
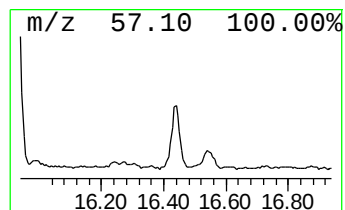
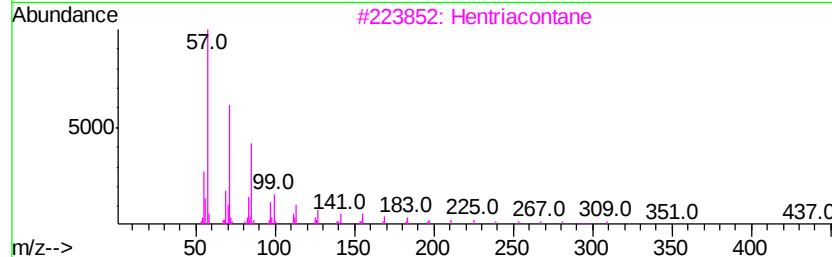
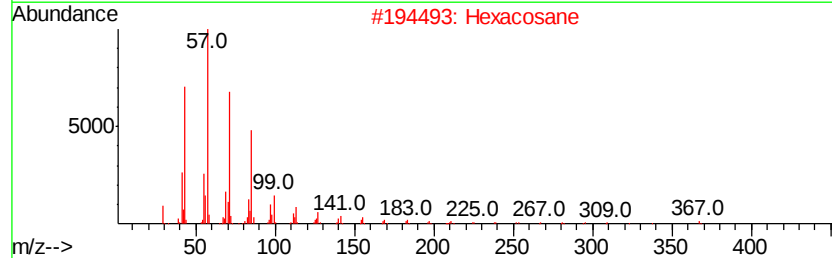
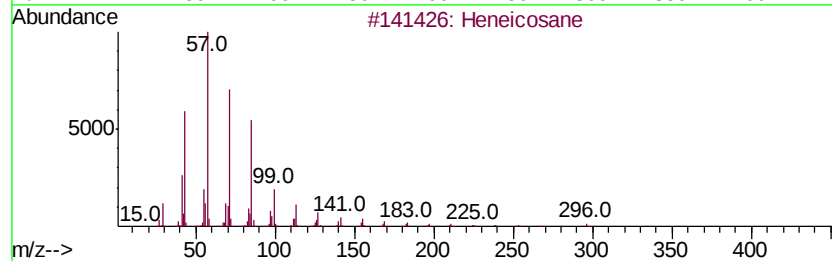
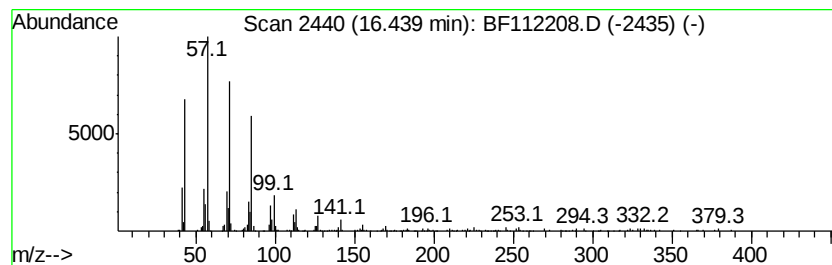
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Hentriacontane Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.44 | 2.98 ng | 426762 | Perylene-d12     | 15.49 |

| Hit# | of | 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane    | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    |   | Hexacosane     | 366 | C26H54  | 000630-01-3 | 91   |
| 3    |    |   | Hentriacontane | 437 | C31H64  | 000630-04-6 | 91   |
| 4    |    |   | Tetracosane    | 338 | C24H50  | 000646-31-1 | 91   |
| 5    |    |   | Octacosane     | 394 | C28H58  | 000630-02-4 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF012419\  
 Data File : BF112208.D  
 Acq On : 24 Jan 2019 14:56  
 Operator : JU/SJ  
 Sample : K1003-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-02-012319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011619.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... | 5.07  | 6.9 ng  |       | 424141   | 1                     | 6.85  | 1228840 | 20.0 |
| unknown6.63          | 6.63  | 65.6 ng |       | 4030520  | 1                     | 6.85  | 1228840 | 20.0 |
| n-Hexadecanoic acid  | 11.90 | 20.0 ng |       | 2016810  | 4                     | 11.37 | 2012300 | 20.0 |
| 4H-Cyclopenta[def... | 11.99 | 4.8 ng  |       | 487431   | 4                     | 11.37 | 2012300 | 20.0 |
| Hexacosane           | 12.38 | 15.6 ng |       | 1564230  | 4                     | 11.37 | 2012300 | 20.0 |
| Octadecanoic acid    | 12.69 | 8.6 ng  |       | 861150   | 4                     | 11.37 | 2012300 | 20.0 |
| Pyrene, 1-methyl-    | 13.14 | 2.5 ng  |       | 284249   | 5                     | 14.02 | 2278130 | 20.0 |
| 11H-Benzo[b]fluorene | 13.21 | 2.1 ng  |       | 243201   | 5                     | 14.02 | 2278130 | 20.0 |
| Octadecane, 2-met... | 13.37 | 16.7 ng |       | 1904820  | 5                     | 14.02 | 2278130 | 20.0 |
| 5-Octadecene, (E)-   | 13.85 | 5.4 ng  |       | 611399   | 5                     | 14.02 | 2278130 | 20.0 |
| Heneicosane          | 14.17 | 2.4 ng  |       | 276269   | 5                     | 14.02 | 2278130 | 20.0 |
| Tridecane, 1-iodo-   | 14.47 | 6.5 ng  |       | 742487   | 5                     | 14.02 | 2278130 | 20.0 |
| Hexadecane, 1-iodo-  | 14.61 | 16.8 ng |       | 1912640  | 5                     | 14.02 | 2278130 | 20.0 |
| Eicosane, 9-octyl-   | 14.78 | 6.6 ng  |       | 952169   | 6                     | 15.49 | 2866650 | 20.0 |
| Octadecane, 1-iodo-  | 15.16 | 7.9 ng  |       | 1126270  | 6                     | 15.49 | 2866650 | 20.0 |
| Benzo[e]pyrene       | 15.36 | 2.5 ng  |       | 359739   | 6                     | 15.49 | 2866650 | 20.0 |
| Tetracosane          | 15.80 | 3.4 ng  |       | 488156   | 6                     | 15.49 | 2866650 | 20.0 |
| Nonadecane           | 15.93 | 6.0 ng  |       | 865912   | 6                     | 15.49 | 2866650 | 20.0 |
| Hentriacontane       | 16.44 | 3.0 ng  |       | 426762   | 6                     | 15.49 | 2866650 | 20.0 |