LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-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

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.934 | 3 | 8 | 11 | rVB | 393960 | 457328 | 16.11% | 1.353% |
| 2 | 1.958 | 11 | 12 | 23 | rVB | 116195 | 124770 | 4.39% | 0.369% |
| 3 | 2.110 | 33 | 38 | 43 | rVB | 676266 | 850208 | 29.94% | 2.516% |
| 4 | 3.904 | 339 | 343 | 348 | rVB | 26527 | 35679 | 1.26% | 0.106% |
| 5 | 5.028 | 527 | 534 | 542 | rBV | 24512 | 54380 | 1.92% | 0.161% |
| 6 | 5.451 | 602 | 606 | 609 | rBV | 2642183 | 2259203 | 79.57% | 6.685% |
| 7 | 6.463 | 773 | 778 | 781 | rBV | 2423399 | 2326908 | 81.95% | 6.885% |
| 8 | 6.663 | 809 | 812 | 818 | rBV2 | 41980 | 41005 | 1.44% | 0.121% |
| 9 | 6.840 | 838 | 842 | 845 | rBV | 1919266 | 1581034 | 55.68% | 4.678% |
| 10 | 6.992 | 864 | 868 | 871 | rVB | 2582490 | 2052060 | 72.27% | 6.072% |
| 11 | 7.392 | 932 | 936 | 940 | rBV | 1626268 | 1483498 | 52.25% | 4.390% |
| 12 | 8.122 | 1055 | 1060 | 1063 | rBV | 2269787 | 1974106 | 69.53% | 5.841% |
| 13 | 9.192 | 1238 | 1242 | 1245 | rBV | 3529418 | 2839362 | 100.00% | 8.401% |
| 14 | 9.534 | 1297 | 1300 | 1303 | rBV | 49629 | 40447 | 1.42% | 0.120% |
| 15 | 9.586 | 1303 | 1309 | 1314 | rVV | 376421 | 303645 | 10.69% | 0.898% |
| 16 | 9.875 | 1351 | 1358 | 1361 | rBV | 2481367 | 2146461 | 75.60% | 6.351% |
| 17 | 10.204 | 1410 | 1414 | 1419 | rVB | 42754 | 35162 | 1.24% | 0.104% |
| 18 | 10.333 | 1433 | 1436 | 1439 | rVB | 37825 | 34069 | 1.20% | 0.101% |
| 19 | 10.657 | 1487 | 1491 | 1494 | rBV | 1697863 | 1368494 | 48.20% | 4.049% |
| 20 | 11.357 | 1606 | 1610 | 1613 | rBV | 2054946 | 1680638 | 59.19% | 4.973% |
| 21 | 11.380 | 1613 | 1614 | 1617 | rVB | 123020 | 64106 | 2.26% | 0.190% |
| 22 | 11.886 | 1697 | 1700 | 1704 | rVB | 86172 | 79606 | 2.80% | 0.236% |
| 23 | 11.969 | 1710 | 1714 | 1716 | rBV2 | 34215 | 34283 | 1.21% | 0.101% |
| 24 | 12.486 | 1799 | 1802 | 1804 | rBV3 | 33458 | 35995 | 1.27% | 0.107% |
| 25 | 12.551 | 1809 | 1813 | 1814 | rBV | 264368 | 219176 | 7.72% | 0.649% |
| 26 | 12.569 | 1814 | 1816 | 1820 | rVB | 269514 | 216109 | 7.61% | 0.639% |
| 27 | 12.798 | 1848 | 1855 | 1857 | rBV | 230535 | 251686 | 8.86% | 0.745% |
| 28 | 12.939 | 1875 | 1879 | 1883 | rBV | 2367625 | 2111931 | 74.38% | 6.249% |
| 29 | 13.016 | 1888 | 1892 | 1899 | rBV4 | 18185 | 35057 | 1.23% | 0.104% |
| 30 | 13.157 | 1913 | 1916 | 1918 | rBV3 | 35332 | 36953 | 1.30% | 0.109% |
| 31 | 13.227 | 1924 | 1928 | 1931 | rVB2 | 39457 | 42564 | 1.50% | 0.126% |
| 32 | 13.521 | 1972 | 1978 | 1981 | rBV6 | 33020 | 74337 | 2.62% | 0.220% |
| 33 | 13.633 | 1994 | 1997 | 2001 | rVB2 | 47904 | 68113 | 2.40% | 0.202% |
| 34 | 13.745 | 2011 | 2016 | 2019 | rBV3 | 36158 | 67753 | 2.39% | 0.200% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.792 | 2022 | 2024 | 2028 | rVV2 | 51790 | 66781 | 2.35% | 0.198% |
| 36 | 13.839 | 2028 | 2032 | 2042 | rVB3 | 362198 | 572689 | 20.17% | 1.695% |
| 37 | 13.992 | 2053 | 2058 | 2061 | rBV | 1716790 | 1734085 | 61.07% | 5.131% |
| 38 | 14.016 | 2061 | 2062 | 2069 | rVB | 150310 | 130426 | 4.59% | 0.386% |
| 39 | 14.163 | 2085 | 2087 | 2093 | rVB3 | 48686 | 64124 | 2.26% | 0.190% |
| 40 | 14.286 | 2105 | 2108 | 2111 | rBV | 145957 | 130062 | 4.58% | 0.385% |
| 41 | 14.474 | 2136 | 2140 | 2147 | rBV4 | 199092 | 304885 | 10.74% | 0.902% |
| 42 | 14.774 | 2188 | 2191 | 2194 | rBV | 130070 | 133880 | 4.72% | 0.396% |
| 43 | 14.916 | 2213 | 2215 | 2221 | rVB | 161317 | 184550 | 6.50% | 0.546% |
| 44 | 15.021 | 2230 | 2233 | 2237 | rBV | 145218 | 218147 | 7.68% | 0.645% |
| 45 | 15.110 | 2244 | 2248 | 2251 | rBV | 344811 | 385398 | 13.57% | 1.140% |
| 46 | 15.321 | 2281 | 2284 | 2290 | rVB | 84148 | 100532 | 3.54% | 0.297% |
| 47 | 15.380 | 2291 | 2294 | 2299 | rVV | 110511 | 125213 | 4.41% | 0.370% |
| 48 | 15.451 | 2301 | 2306 | 2309 | rVV | 1214800 | 1467083 | 51.67% | 4.341% |
| 49 | 15.486 | 2309 | 2312 | 2317 | rVB2 | 198986 | 263615 | 9.28% | 0.780% |
| 50 | 15.686 | 2342 | 2346 | 2350 | rVB | 110614 | 140917 | 4.96% | 0.417% |
| 51 | 15.921 | 2381 | 2386 | 2391 | rBV | 616405 | 882526 | 31.08% | 2.611% |
| 52 | 15.974 | 2391 | 2395 | 2403 | rVB2 | 156979 | 295573 | 10.41% | 0.875% |
| 53 | 16.421 | 2466 | 2471 | 2475 | rVB2 | 87075 | 137906 | 4.86% | 0.408% |
| 54 | 16.710 | 2516 | 2520 | 2526 | rVB3 | 96539 | 166629 | 5.87% | 0.493% |
| 55 | 16.880 | 2545 | 2549 | 2554 | rBV2 | 49307 | 106939 | 3.77% | 0.316% |
| 56 | 17.009 | 2568 | 2571 | 2576 | rVB2 | 64436 | 97374 | 3.43% | 0.288% |
| 57 | 17.080 | 2577 | 2583 | 2595 | rVB7 | 251328 | 602705 | 21.23% | 1.783% |
| 58 | 17.251 | 2607 | 2612 | 2618 | rVB4 | 122016 | 237176 | 8.35% | 0.702% |
| 59 | 17.486 | 2646 | 2652 | 2661 | rVB9 | 87273 | 221116 | 7.79% | 0.654% |

Sum of corrected areas: 33796457

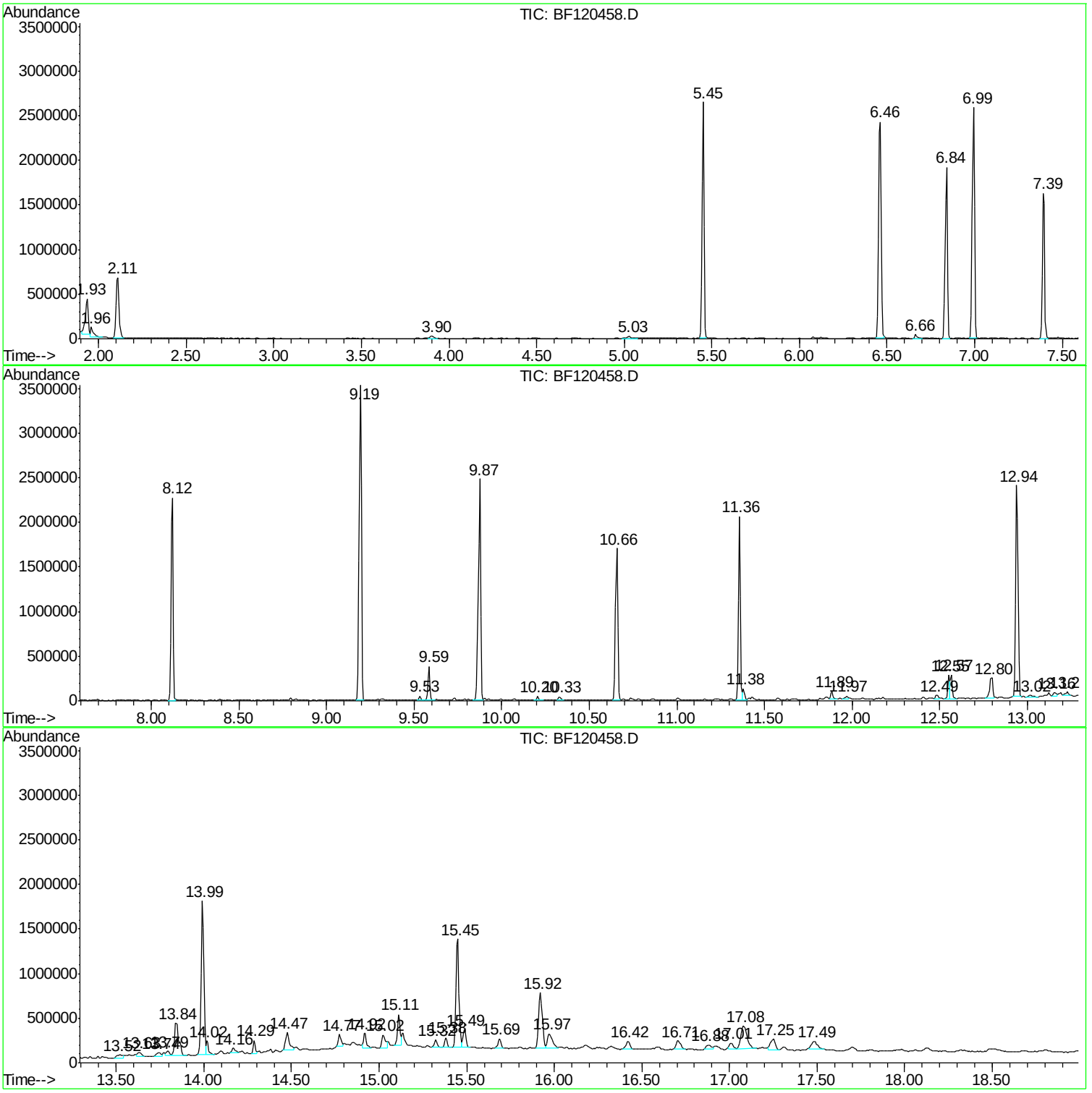
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
NM14-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



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-COMP-2020-0-6

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

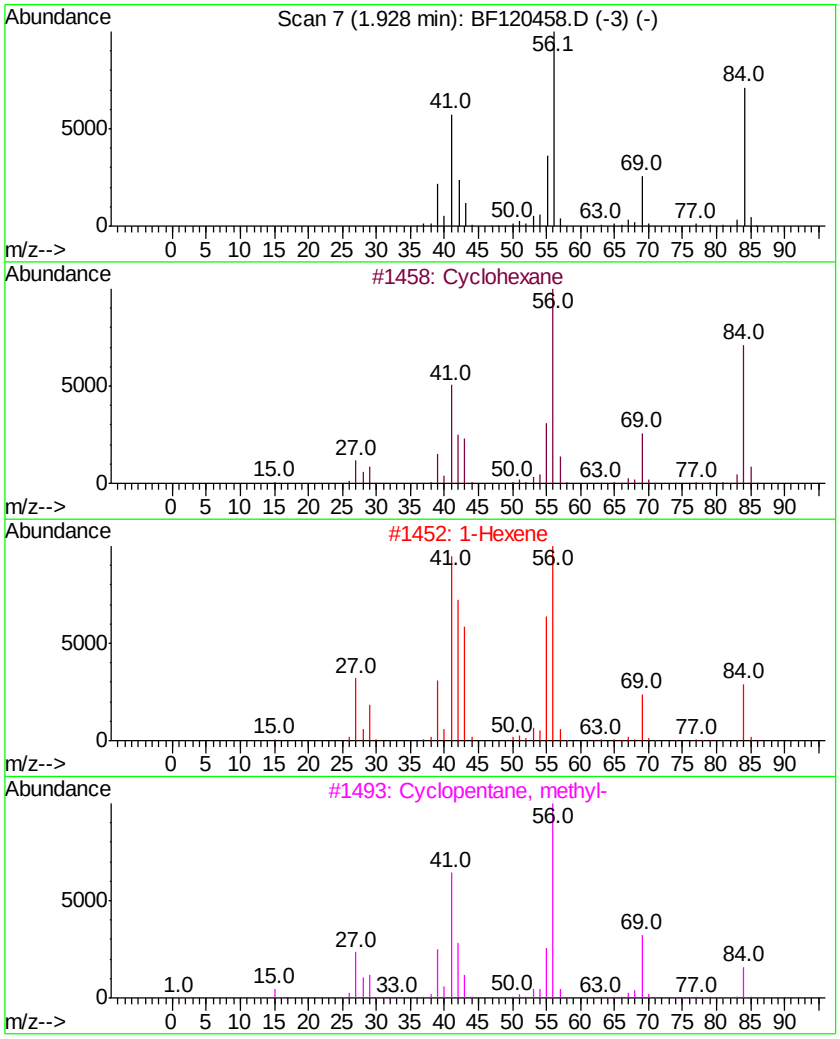
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

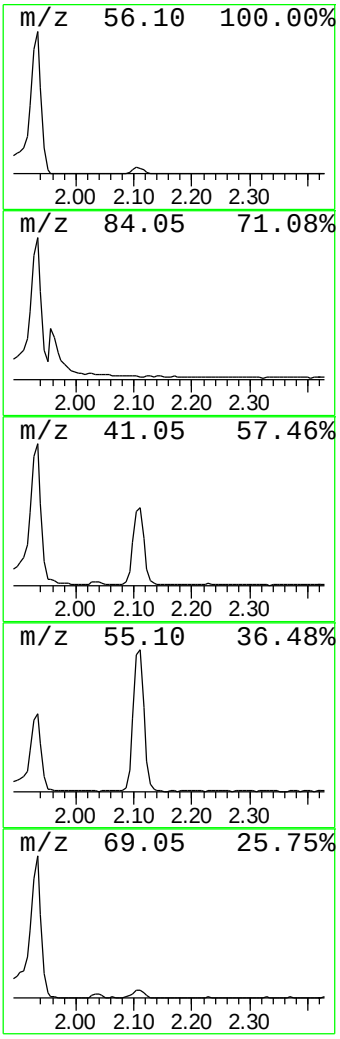
**********

Peak Number 1 Cyclohexane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.93 | 5.79 ng | 457328 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 91 |
| 2 | 1-Hexene | 84 | C6H12 | 000592-41-6 | 59 |
| 3 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 59 |
| 4 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 56 |
| 5 | Cyclobutane | 56 | C4H8 | 000287-23-0 | 46 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-COMP-2020-0-6

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

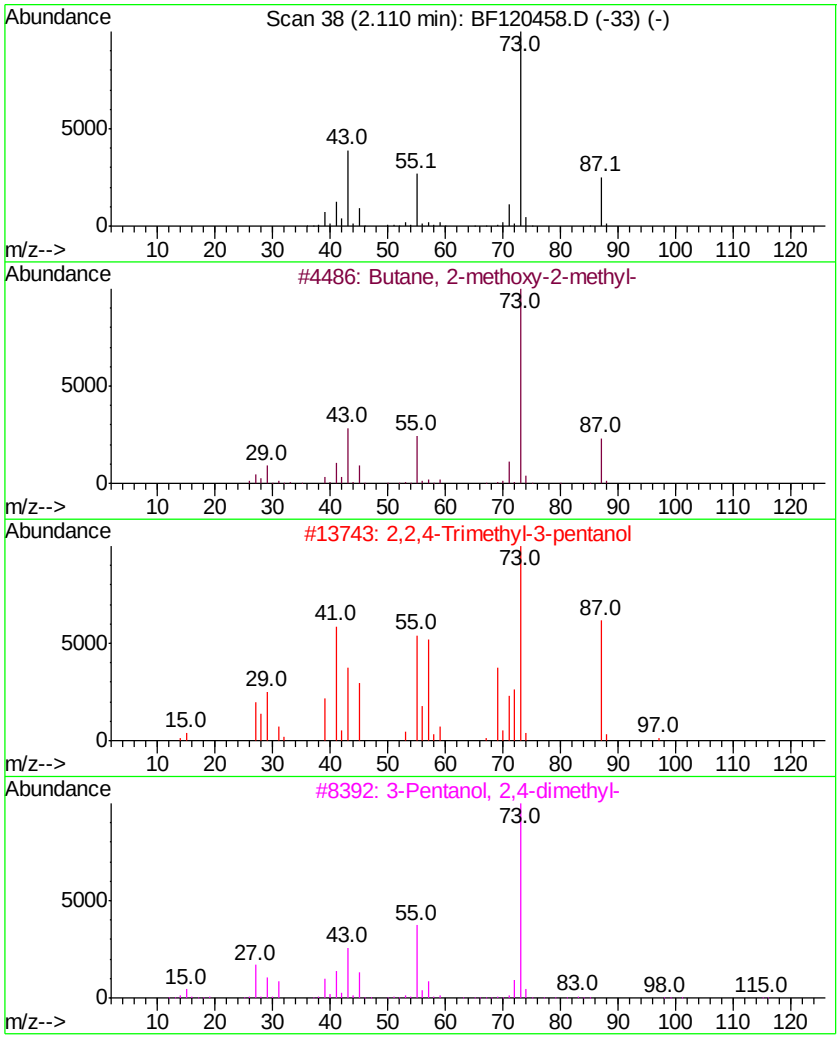
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

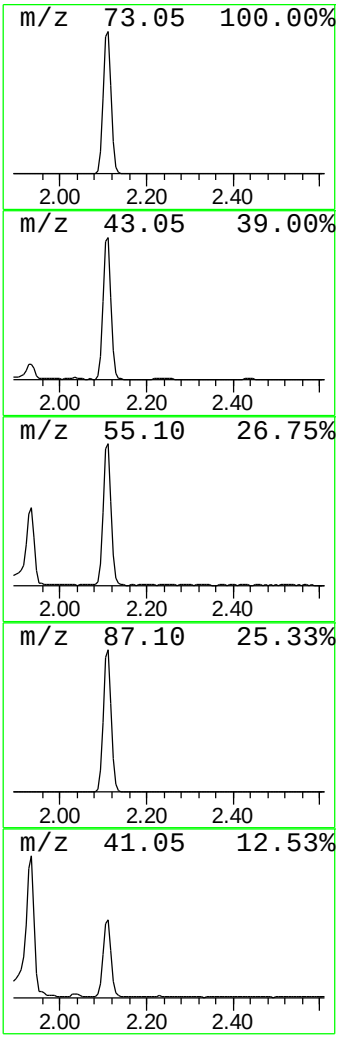
**********

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.11 | 10.76 ng | 850208 | 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 | 39 |
| 3 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 37 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 37 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-COMP-2020-0-6

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

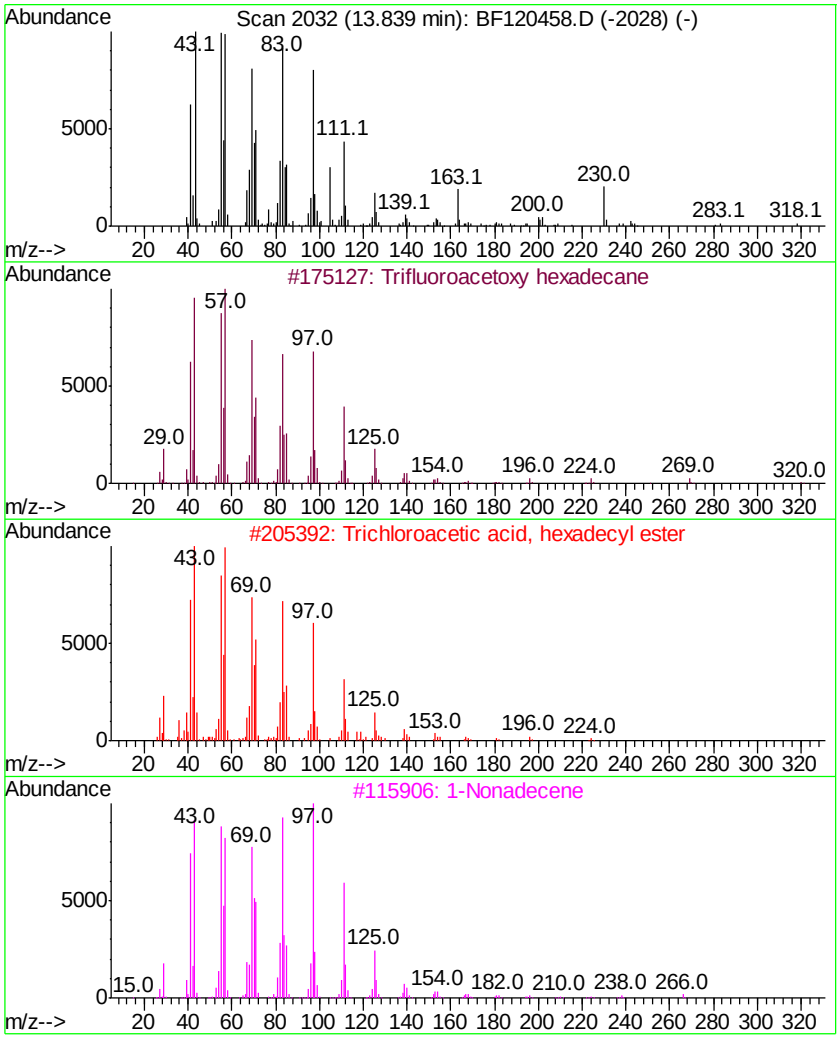
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

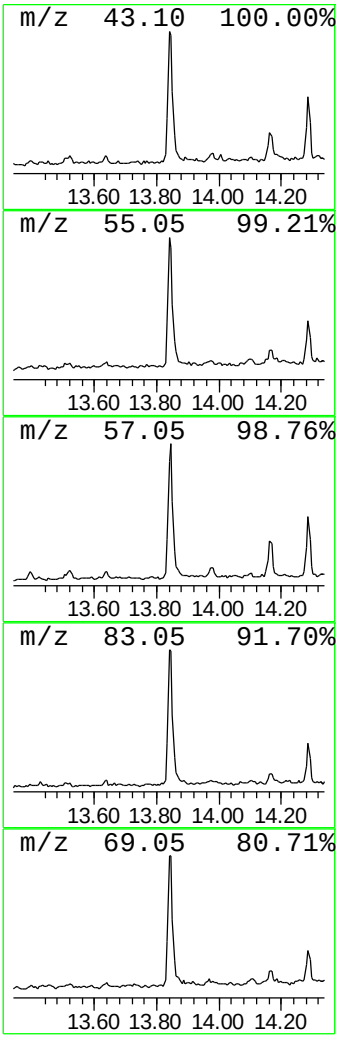
**********

Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.84 | 6.61 ng | 572689 | Chrysene-d12 | 13.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93 |
| 2 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 93 |
| 3 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 90 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 90 |
| 5 | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 90 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-COMP-2020-0-6

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

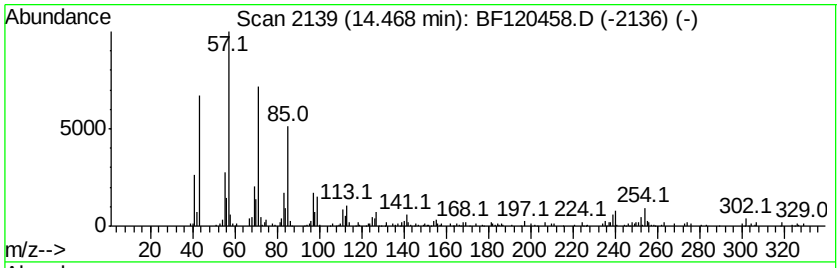
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

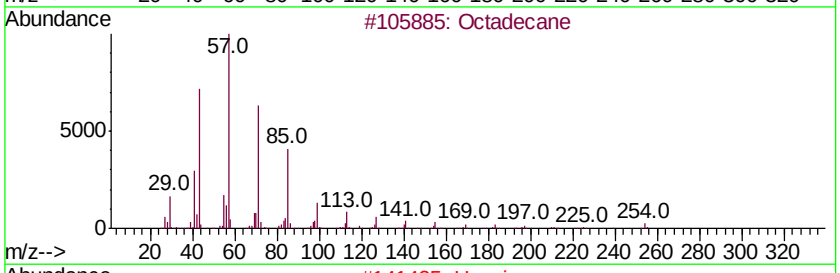
**********

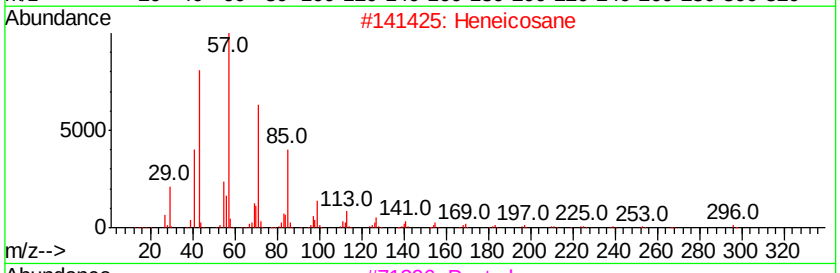
Peak Number 5 Octadecane Concentration Rank 9

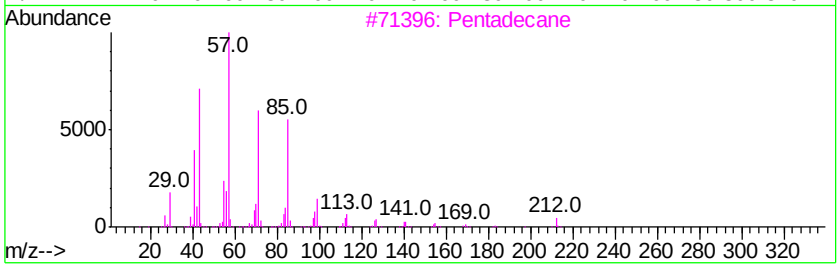
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.47 | 3.52 ng | 304885 | Chrysene-d12 | 13.99 |

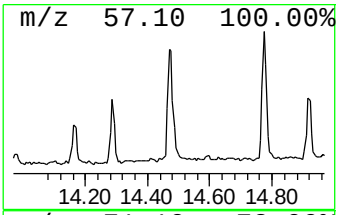
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 95 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 92 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 4 | Nonadecane, 1-chloro- | 302 | C19H39Cl | 062016-76-6 | 90 |
| 5 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 90 |

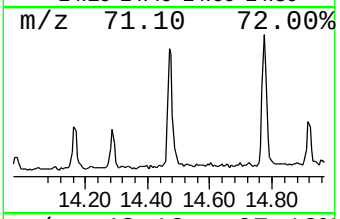


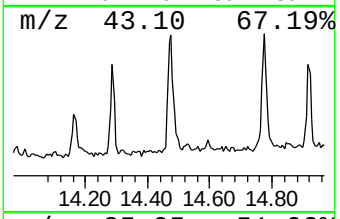



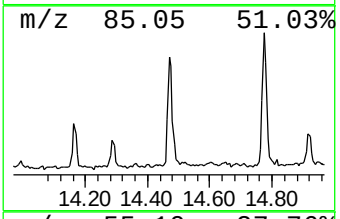



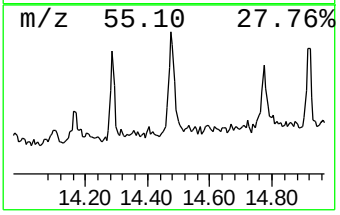



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-COMP-2020-0-6

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

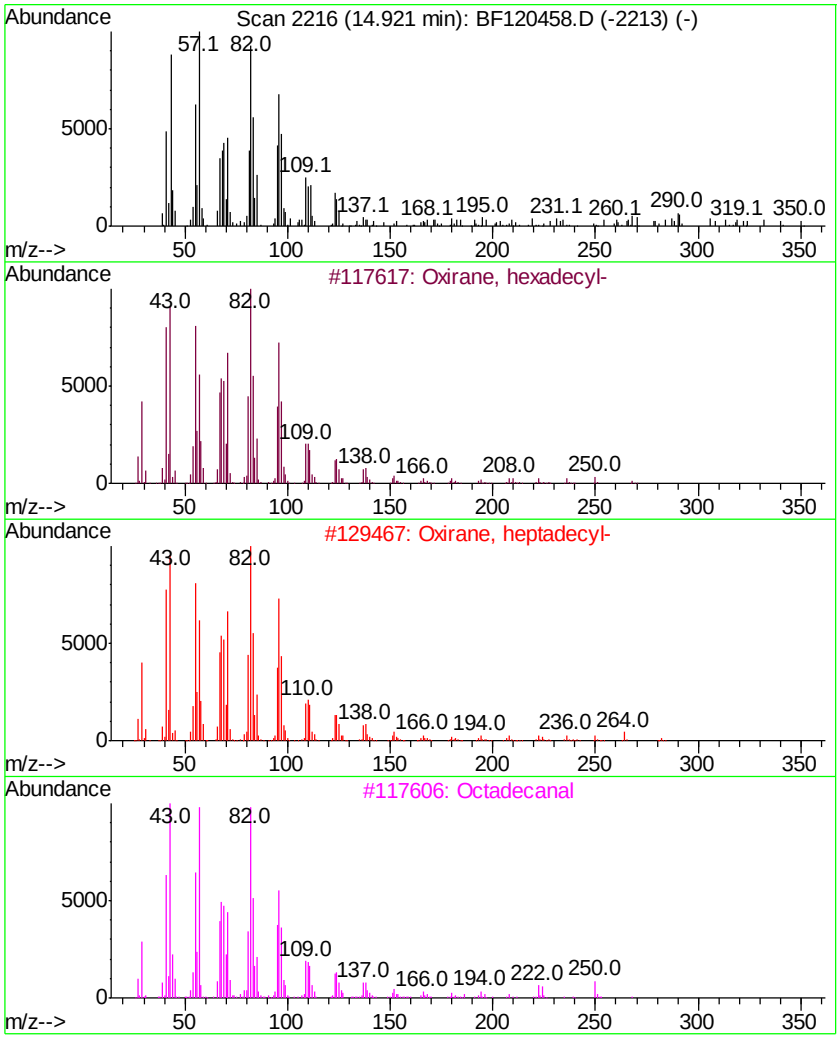
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

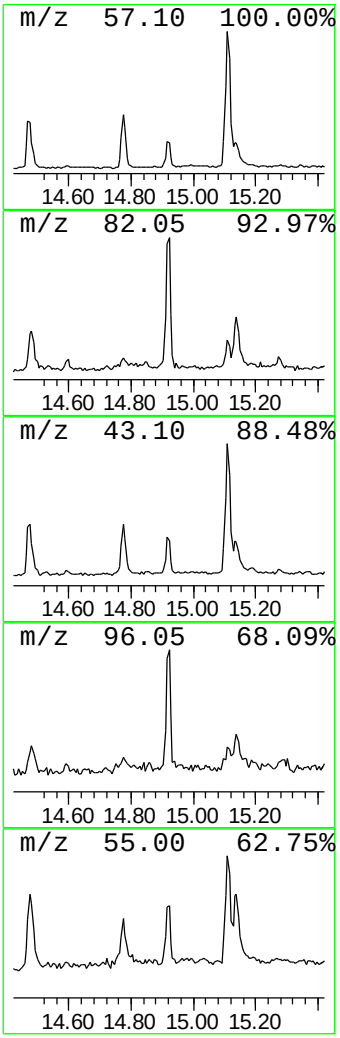
**********

Peak Number 6 Oxirane, hexadecyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.92 | 2.52 ng | 184550 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 97 |
| 2 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 96 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 93 |
| 4 | 1,21-Docosadiene | 306 | C22H42 | 053057-53-7 | 86 |
| 5 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 83 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-COMP-2020-0-6

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

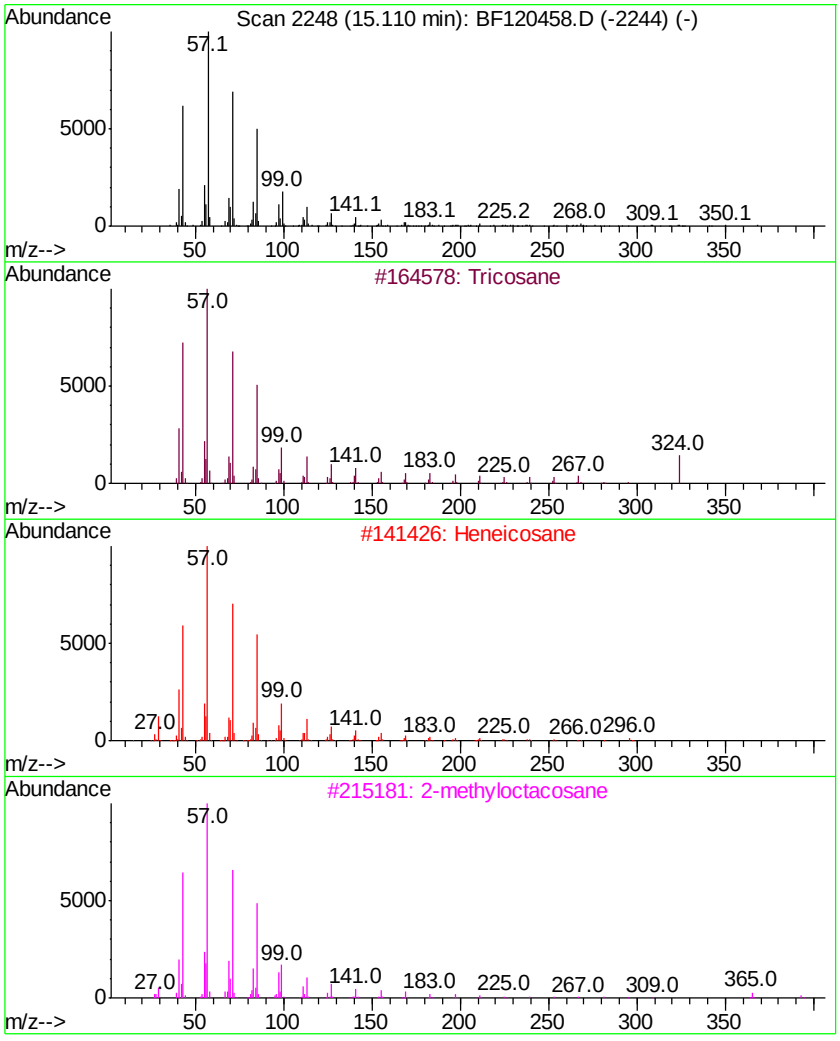
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

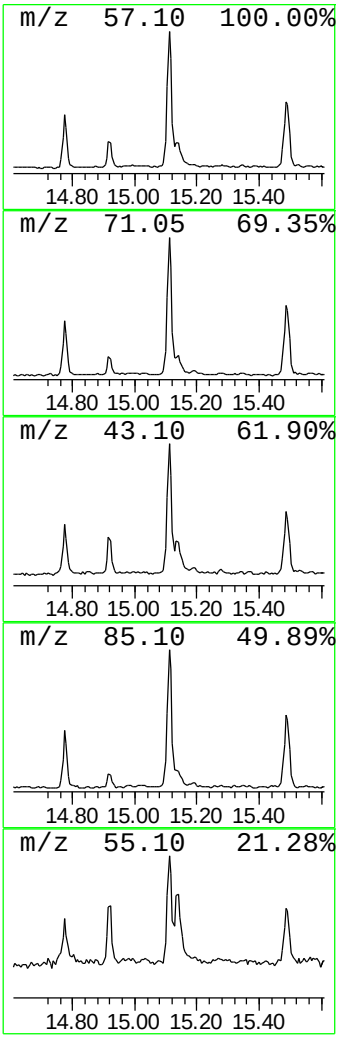
**********

Peak Number 7 Tricosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.11 | 5.25 ng | 385398 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane | 324 | C23H48 | 000638-67-5 | 94 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-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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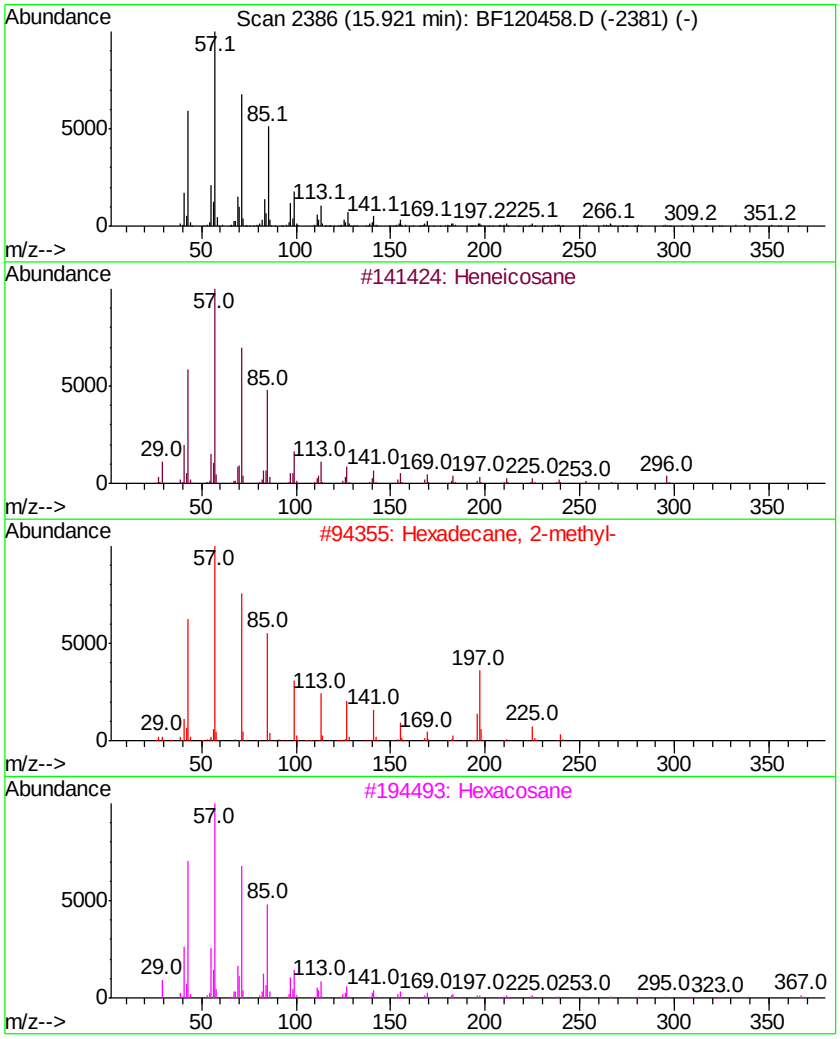
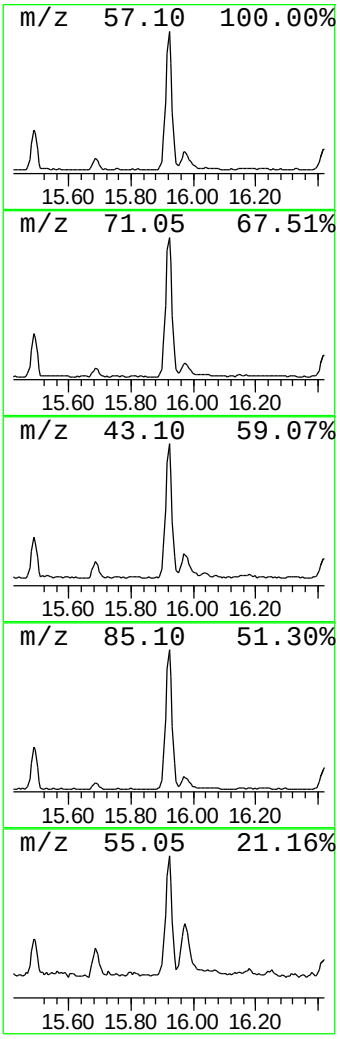
Peak Number 8 Heneicosane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.92 | 12.03 ng | 882526 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 94 |
| 2 | Hexadecane, 2-methyl- | 240 | C17H36 | 001560-92-5 | 93 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 5 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-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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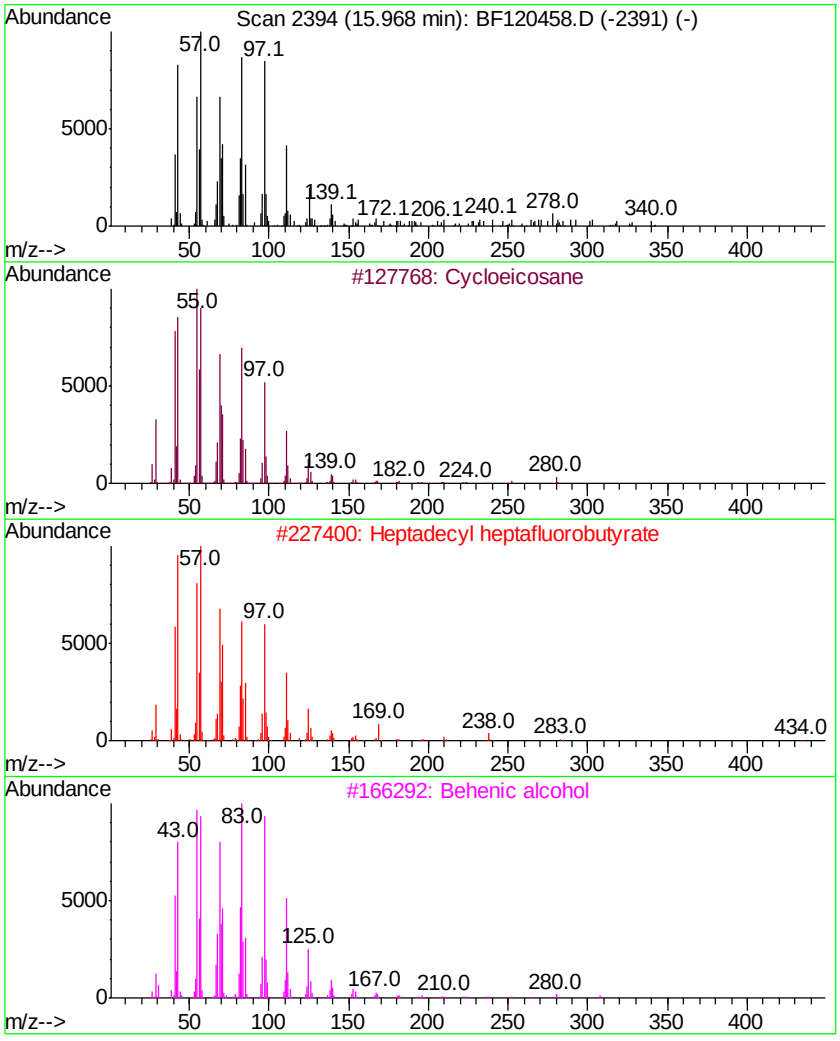
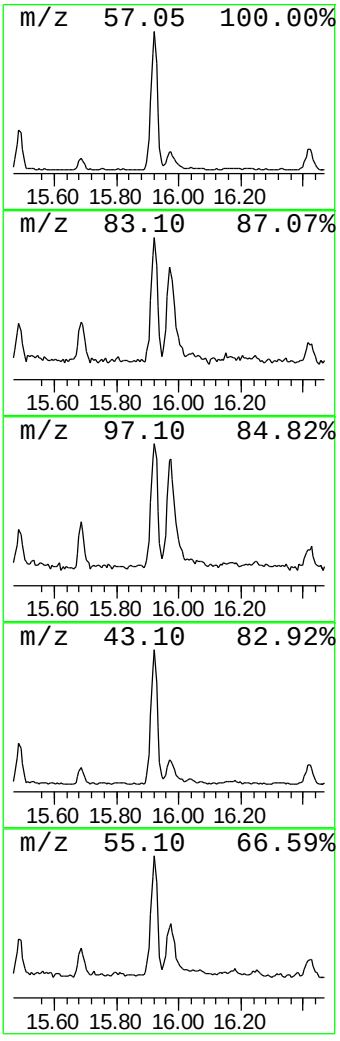
Peak Number 9 Cycloeicosane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.97 | 4.03 ng | 295573 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 95 |
| 2 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 93 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 93 |
| 4 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 90 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-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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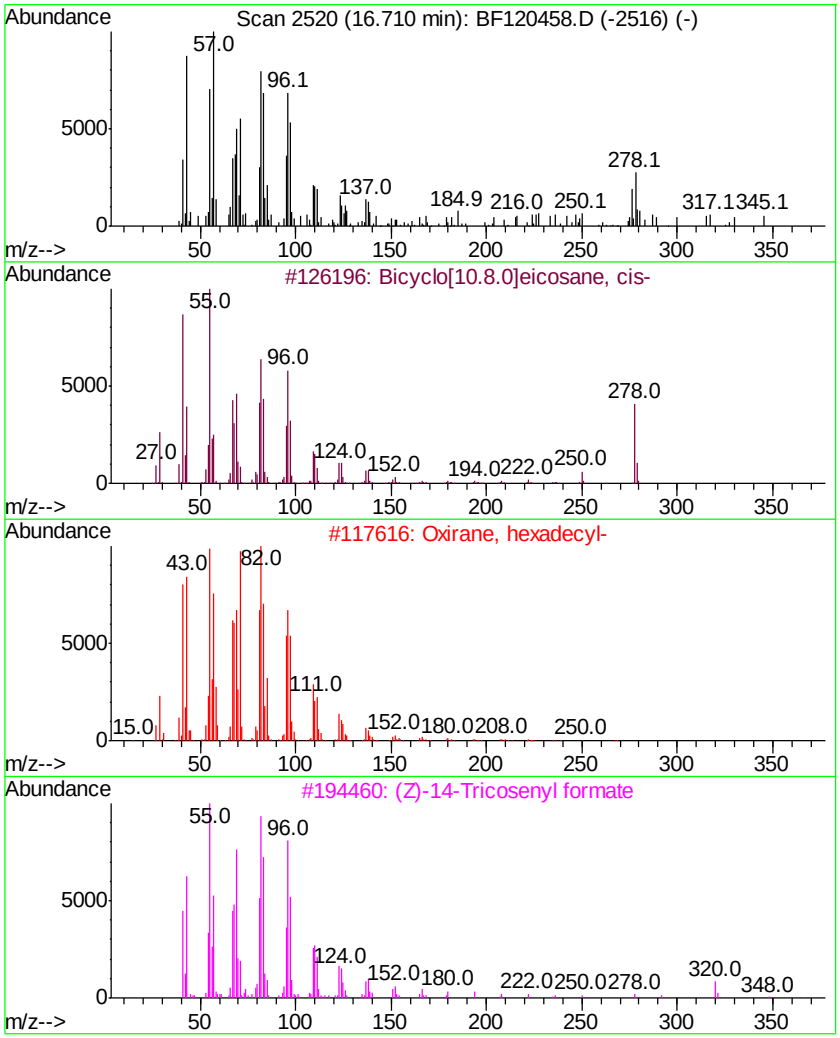
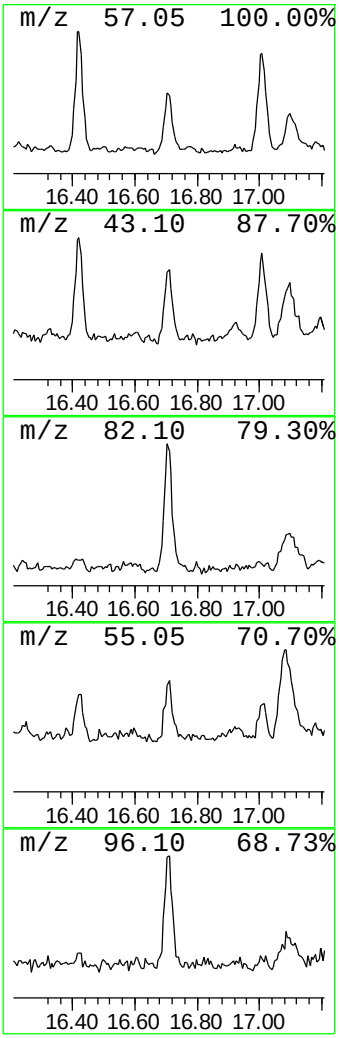
Peak Number 10 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.71 | 2.27 ng | 166629 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[10.8.0]eicosane, cis- | 278 | C20H38 | 1000155-82-2 | 93 |
| 2 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 80 |
| 3 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 76 |
| 4 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 76 |
| 5 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-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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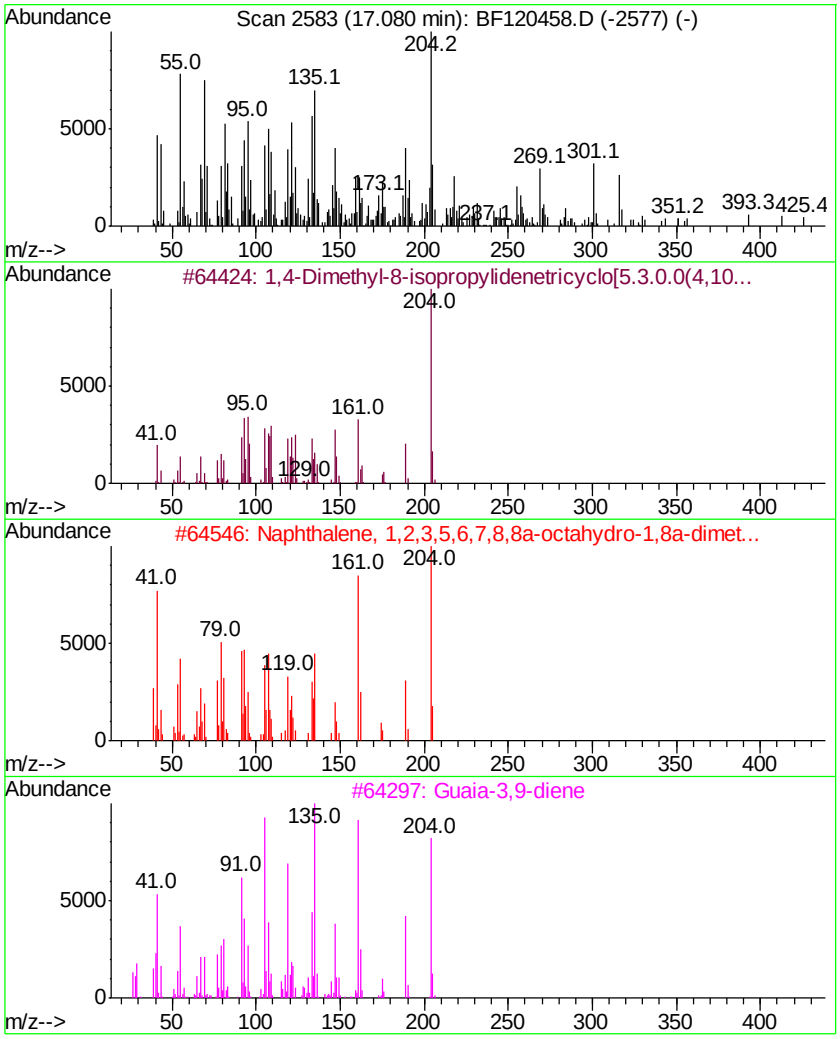
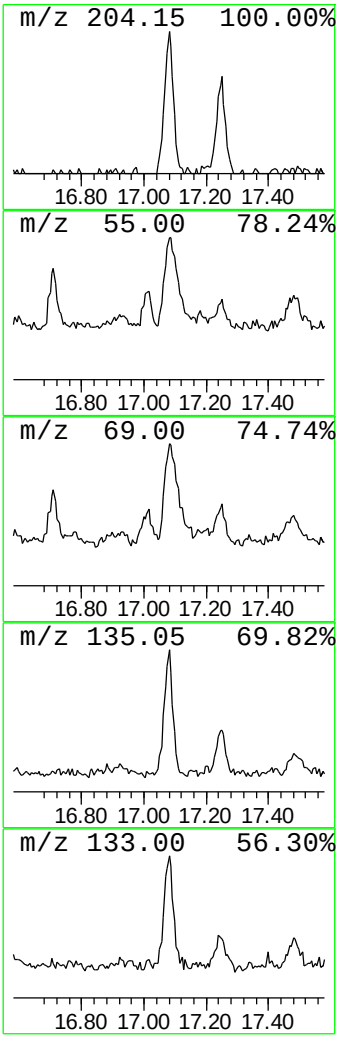
Peak Number 11 1,4-Dimethyl-8-isopropylide... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.08 | 8.22 ng | 602705 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dimethyl-8-isopropylidenetri... | 204 | C15H24 | 1000140-07-7 | 70 |
| 2 | Naphthalene, 1,2,3,5,6,7,8,8a-oc... | 204 | C15H24 | 004630-07-3 | 62 |
| 3 | Guaia-3,9-diene | 204 | C15H24 | 000489-83-8 | 60 |
| 4 | 1H-3a,7-Methanoazulene, 2,3,6,7,... | 204 | C15H24 | 000560-32-7 | 55 |
| 5 | Farnesyl bromide | 284 | C15H25Br | 006874-67-5 | 55 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-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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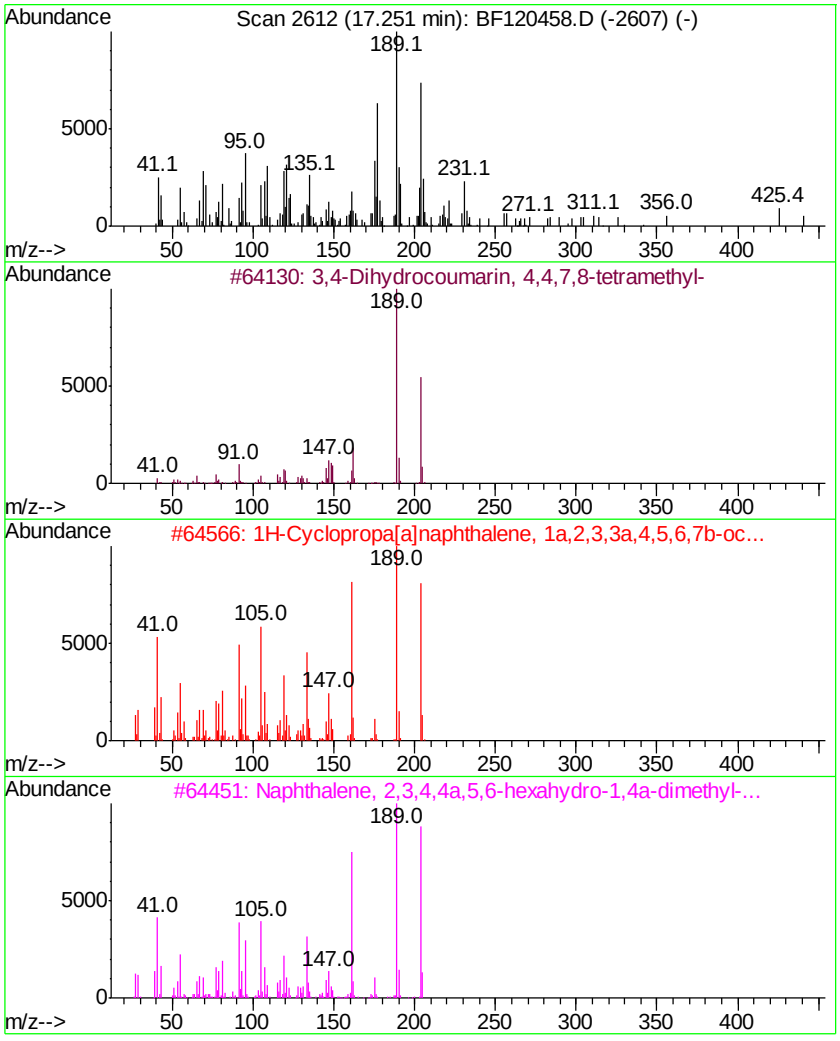
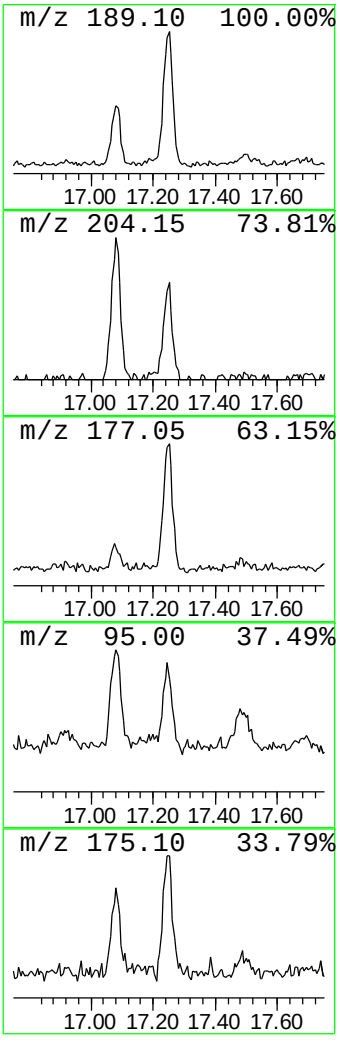
Peak Number 12 unknown17.25 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.25 | 3.23 ng | 237176 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dihydrocoumarin, 4,4,7,8-tet... | 204 | C13H16O2 | 040614-36-6 | 46 |
| 2 | 1H-Cyclopropa[a]naphthalene, 1a,... | 204 | C15H24 | 000489-29-2 | 46 |
| 3 | Naphthalene, 2,3,4,4a,5,6-hexahy... | 204 | C15H24 | 000473-14-3 | 46 |
| 4 | .delta.-Selinene | 204 | C15H24 | 028624-23-9 | 46 |
| 5 | Cedrene-V6 | 204 | C15H24 | 1000162-76-8 | 43 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-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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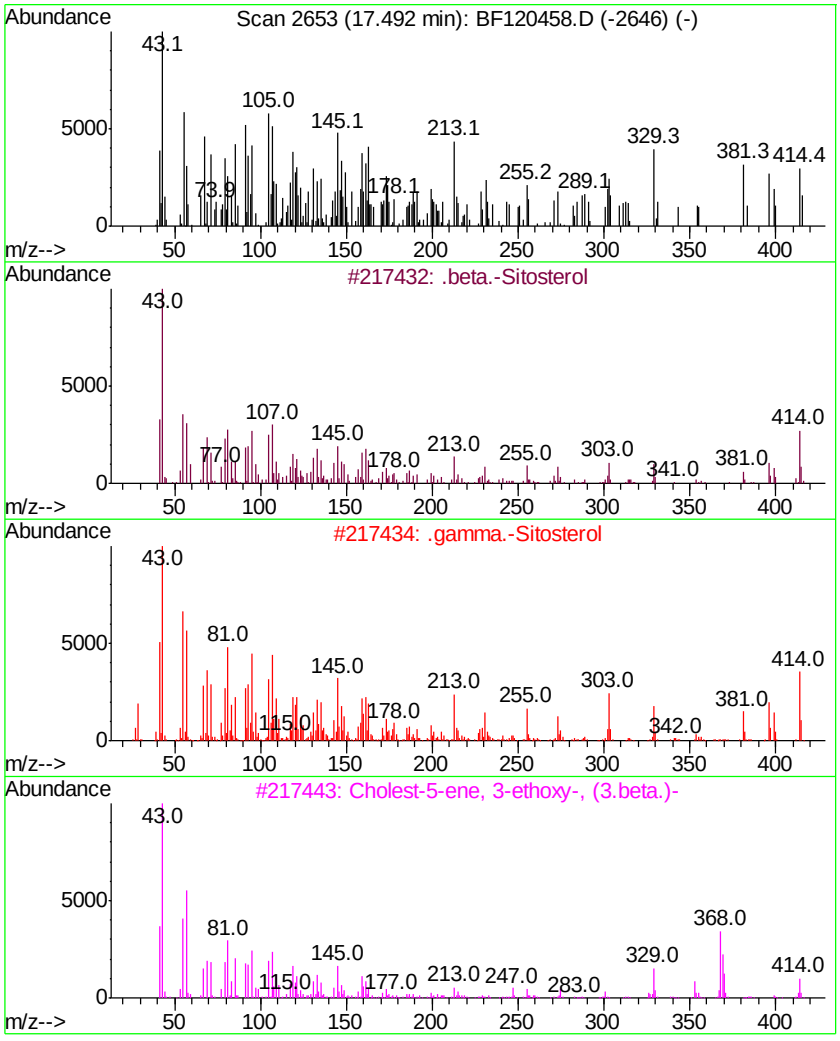
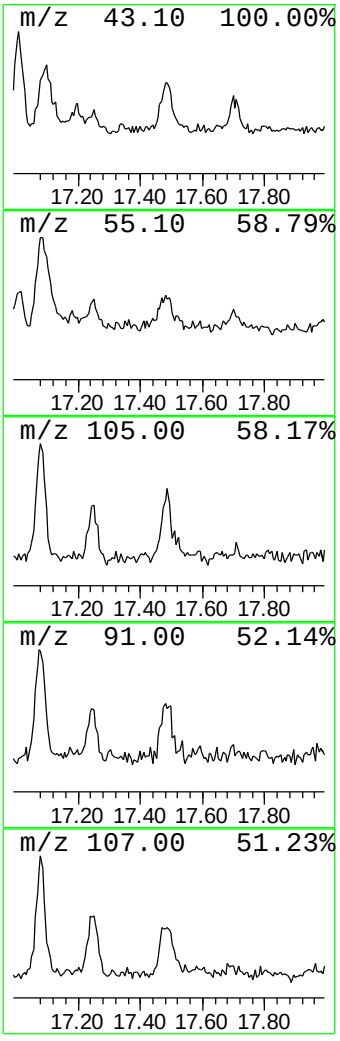
Peak Number 13 .beta.-Sitosterol Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.49 | 3.01 ng | 221116 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 96 |
| 2 | .gamma.-Sitosterol | 414 | C29H50O | 000083-47-6 | 50 |
| 3 | Cholest-5-ene, 3-ethoxy-, (3.bet... | 414 | C29H50O | 000986-19-6 | 14 |
| 4 | .beta.-Sitosterol acetate | 456 | C31H52O2 | 000915-05-9 | 14 |
| 5 | Androst-5-ene,1-acetoxy-16,17-di... | 386 | C25H38O3 | 294866-91-4 | 10 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052920\
Data File : BF120458.D
Acq On : 29 May 2020 23:56
Operator : MA/SJ
Sample : L2792-06 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM14-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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Cyclohexane | 1.93 | 5.8 | ng | 457328 | 1 | 6.84 | 1581030 | 20.0 |
| Butane, 2-methoxy... | 2.11 | 10.8 | ng | 850208 | 1 | 6.84 | 1581030 | 20.0 |
| Trifluoroacetoxy ... | 13.84 | 6.6 | ng | 572689 | 5 | 13.99 | 1734090 | 20.0 |
| Octadecane | 14.47 | 3.5 | ng | 304885 | 5 | 13.99 | 1734090 | 20.0 |
| Oxirane, hexadecyl- | 14.92 | 2.5 | ng | 184550 | 6 | 15.45 | 1467080 | 20.0 |
| Tricosane | 15.11 | 5.3 | ng | 385398 | 6 | 15.45 | 1467080 | 20.0 |
| Heneicosane | 15.92 | 12.0 | ng | 882526 | 6 | 15.45 | 1467080 | 20.0 |
| Cycloeicosane | 15.97 | 4.0 | ng | 295573 | 6 | 15.45 | 1467080 | 20.0 |
| Bicyclo[10.8.0]ei... | 16.71 | 2.3 | ng | 166629 | 6 | 15.45 | 1467080 | 20.0 |
| 1,4-Dimethyl-8-is... | 17.08 | 8.2 | ng | 602705 | 6 | 15.45 | 1467080 | 20.0 |
| unknown17.25 | 17.25 | 3.2 | ng | 237176 | 6 | 15.45 | 1467080 | 20.0 |
| .beta.-Sitosterol | 17.49 | 3.0 | ng | 221116 | 6 | 15.45 | 1467080 | 20.0 |