LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-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 | 1.969 | 9 | 14 | 20 | rVB2 | 335419 | 553898 | 11.37% | 1.073% |
| 2 | 2.163 | 41 | 47 | 55 | rVB | 1129251 | 1379753 | 28.32% | 2.673% |
| 3 | 5.181 | 546 | 560 | 564 | rBV2 | 53425 | 160536 | 3.30% | 0.311% |
| 4 | 5.475 | 604 | 610 | 613 | rBV | 3589599 | 3719873 | 76.35% | 7.205% |
| 5 | 6.481 | 775 | 781 | 784 | rBV | 3582863 | 3981672 | 81.73% | 7.712% |
| 6 | 6.845 | 839 | 843 | 846 | rBV | 1659755 | 1389506 | 28.52% | 2.691% |
| 7 | 7.004 | 865 | 870 | 873 | rBV | 3689963 | 3607780 | 74.05% | 6.988% |
| 8 | 7.404 | 932 | 938 | 941 | rBV | 2605459 | 2855040 | 58.60% | 5.530% |
| 9 | 8.128 | 1055 | 1061 | 1064 | rBV | 1981891 | 1740081 | 35.72% | 3.371% |
| 10 | 9.204 | 1238 | 1244 | 1247 | rBV | 5285455 | 4871879 | 100.00% | 9.437% |
| 11 | 9.592 | 1304 | 1310 | 1314 | rBV | 887102 | 723674 | 14.85% | 1.402% |
| 12 | 9.880 | 1352 | 1359 | 1362 | rBV | 2250700 | 1993811 | 40.92% | 3.862% |
| 13 | 9.910 | 1362 | 1364 | 1367 | rVB | 64964 | 53754 | 1.10% | 0.104% |
| 14 | 10.210 | 1410 | 1415 | 1420 | rVB2 | 75464 | 70959 | 1.46% | 0.137% |
| 15 | 10.669 | 1488 | 1493 | 1497 | rBV | 2722357 | 2538260 | 52.10% | 4.917% |
| 16 | 11.016 | 1547 | 1552 | 1558 | rBV3 | 104696 | 183880 | 3.77% | 0.356% |
| 17 | 11.310 | 1599 | 1602 | 1606 | rBV3 | 47604 | 51339 | 1.05% | 0.099% |
| 18 | 11.369 | 1606 | 1612 | 1614 | rVV | 1931225 | 1668978 | 34.26% | 3.233% |
| 19 | 11.392 | 1614 | 1616 | 1619 | rVV | 634230 | 497312 | 10.21% | 0.963% |
| 20 | 11.439 | 1622 | 1624 | 1627 | rVB | 164882 | 130714 | 2.68% | 0.253% |
| 21 | 11.586 | 1645 | 1649 | 1653 | rBV2 | 88703 | 132714 | 2.72% | 0.257% |
| 22 | 11.869 | 1691 | 1697 | 1699 | rBV | 96426 | 122823 | 2.52% | 0.238% |
| 23 | 11.892 | 1699 | 1701 | 1705 | rVB2 | 166605 | 154799 | 3.18% | 0.300% |
| 24 | 11.980 | 1713 | 1716 | 1718 | rBV2 | 148531 | 143431 | 2.94% | 0.278% |
| 25 | 12.163 | 1741 | 1747 | 1749 | rBV2 | 71548 | 91618 | 1.88% | 0.177% |
| 26 | 12.186 | 1749 | 1751 | 1757 | rVB | 87914 | 69720 | 1.43% | 0.135% |
| 27 | 12.416 | 1788 | 1790 | 1793 | rBV | 57143 | 61182 | 1.26% | 0.119% |
| 28 | 12.498 | 1801 | 1804 | 1806 | rBV2 | 157703 | 142331 | 2.92% | 0.276% |
| 29 | 12.563 | 1810 | 1815 | 1816 | rBV2 | 958366 | 863404 | 17.72% | 1.672% |
| 30 | 12.580 | 1816 | 1818 | 1822 | rVB | 1243259 | 942093 | 19.34% | 1.825% |
| 31 | 12.810 | 1851 | 1857 | 1860 | rBV | 997864 | 1012398 | 20.78% | 1.961% |
| 32 | 12.857 | 1863 | 1865 | 1869 | rVB2 | 49188 | 56965 | 1.17% | 0.110% |
| 33 | 12.957 | 1877 | 1882 | 1888 | rVB | 3724070 | 3740277 | 76.77% | 7.245% |
| 34 | 13.027 | 1889 | 1894 | 1897 | rBV3 | 64959 | 112934 | 2.32% | 0.219% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-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 | 13.139 | 1910 | 1913 | 1916 | rVB | 135888 | 128750 | 2.64% | 0.249% |
| 36 | 13.180 | 1916 | 1920 | 1922 | rBV3 | 103271 | 150022 | 3.08% | 0.291% |
| 37 | 13.204 | 1922 | 1924 | 1926 | rVB | 97587 | 68217 | 1.40% | 0.132% |
| 38 | 13.239 | 1927 | 1930 | 1933 | rBV2 | 93267 | 98644 | 2.02% | 0.191% |
| 39 | 13.363 | 1948 | 1951 | 1955 | rBV | 69344 | 75534 | 1.55% | 0.146% |
| 40 | 13.527 | 1974 | 1979 | 1984 | rBV4 | 84834 | 156636 | 3.22% | 0.303% |
| 41 | 13.639 | 1996 | 1998 | 2004 | rVB | 97084 | 101218 | 2.08% | 0.196% |
| 42 | 13.757 | 2014 | 2018 | 2020 | rBV2 | 82477 | 102261 | 2.10% | 0.198% |
| 43 | 13.786 | 2020 | 2023 | 2025 | rVV | 78828 | 70924 | 1.46% | 0.137% |
| 44 | 13.810 | 2025 | 2027 | 2031 | rVV3 | 88584 | 127488 | 2.62% | 0.247% |
| 45 | 13.857 | 2031 | 2035 | 2041 | rVB2 | 474596 | 590194 | 12.11% | 1.143% |
| 46 | 14.010 | 2053 | 2061 | 2063 | rBV2 | 1451206 | 1929520 | 39.61% | 3.737% |
| 47 | 14.033 | 2063 | 2065 | 2068 | rVB | 484034 | 361492 | 7.42% | 0.700% |
| 48 | 14.110 | 2076 | 2078 | 2081 | rBV | 91585 | 77773 | 1.60% | 0.151% |
| 49 | 14.168 | 2086 | 2088 | 2091 | rBV | 106062 | 107751 | 2.21% | 0.209% |
| 50 | 14.392 | 2124 | 2126 | 2129 | rVB | 80332 | 65955 | 1.35% | 0.128% |
| 51 | 14.474 | 2137 | 2140 | 2142 | rBV | 254986 | 248422 | 5.10% | 0.481% |
| 52 | 14.780 | 2189 | 2192 | 2195 | rVB | 198859 | 187873 | 3.86% | 0.364% |
| 53 | 14.927 | 2214 | 2217 | 2220 | rBV2 | 93655 | 91885 | 1.89% | 0.178% |
| 54 | 15.045 | 2233 | 2237 | 2240 | rBV | 481045 | 742136 | 15.23% | 1.438% |
| 55 | 15.115 | 2246 | 2249 | 2253 | rBV | 461462 | 513514 | 10.54% | 0.995% |
| 56 | 15.157 | 2253 | 2256 | 2266 | rVB2 | 223019 | 402943 | 8.27% | 0.780% |
| 57 | 15.345 | 2284 | 2288 | 2294 | rVB | 308513 | 394587 | 8.10% | 0.764% |
| 58 | 15.404 | 2294 | 2298 | 2304 | rVB | 413978 | 486552 | 9.99% | 0.942% |
| 59 | 15.468 | 2304 | 2309 | 2312 | rBV | 999585 | 1290311 | 26.48% | 2.499% |
| 60 | 15.498 | 2312 | 2314 | 2320 | rVB | 304044 | 344360 | 7.07% | 0.667% |
| 61 | 15.698 | 2345 | 2348 | 2353 | rVB2 | 140547 | 180060 | 3.70% | 0.349% |
| 62 | 15.933 | 2383 | 2388 | 2394 | rVB | 1005712 | 1492249 | 30.63% | 2.890% |
| 63 | 16.004 | 2395 | 2400 | 2412 | rBV5 | 208051 | 521986 | 10.71% | 1.011% |
| 64 | 16.727 | 2519 | 2523 | 2534 | rVB6 | 149661 | 315607 | 6.48% | 0.611% |
| 65 | 16.921 | 2551 | 2556 | 2562 | rBV2 | 184899 | 382389 | 7.85% | 0.741% |

Sum of corrected areas: 51626641

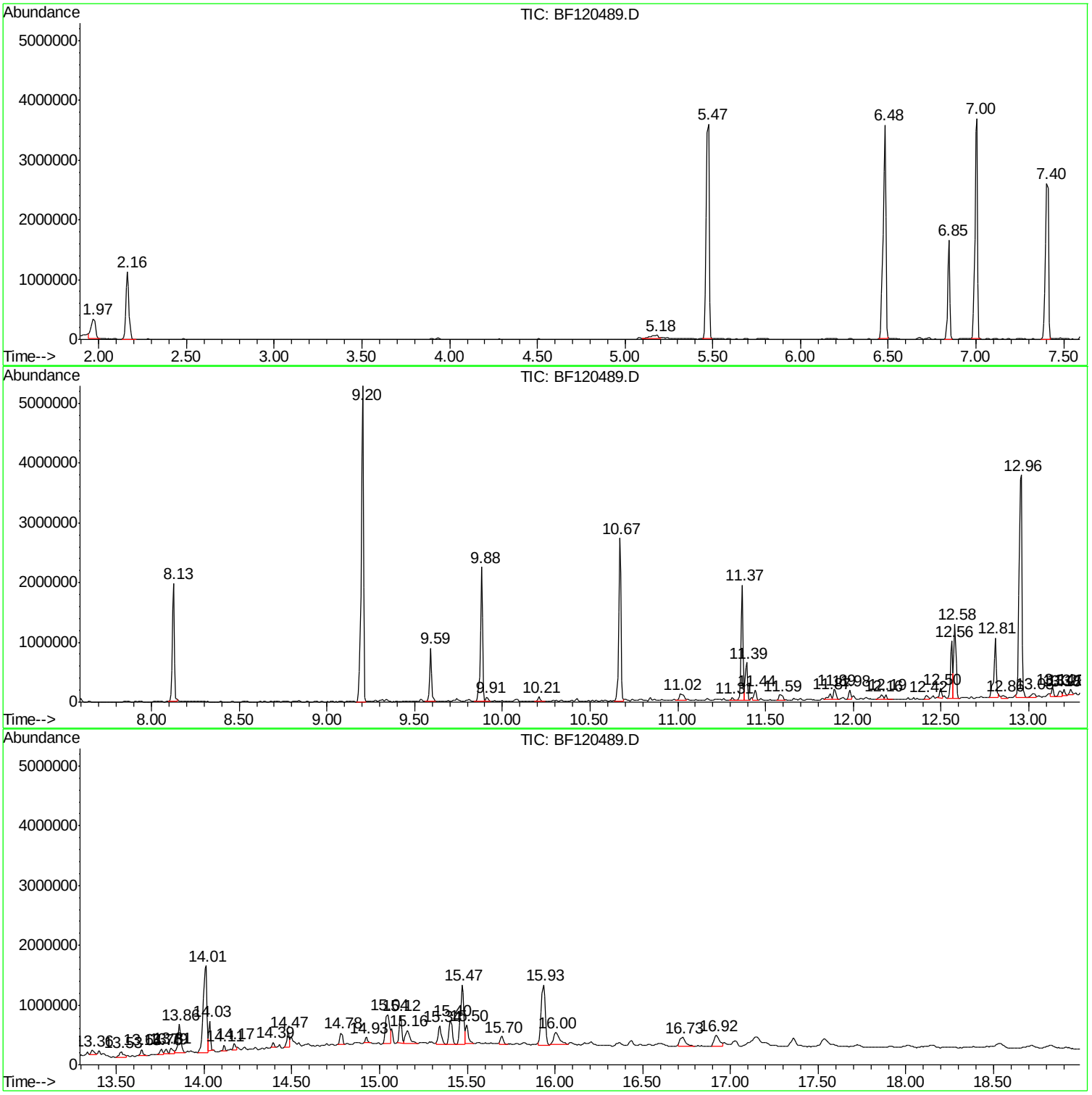
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

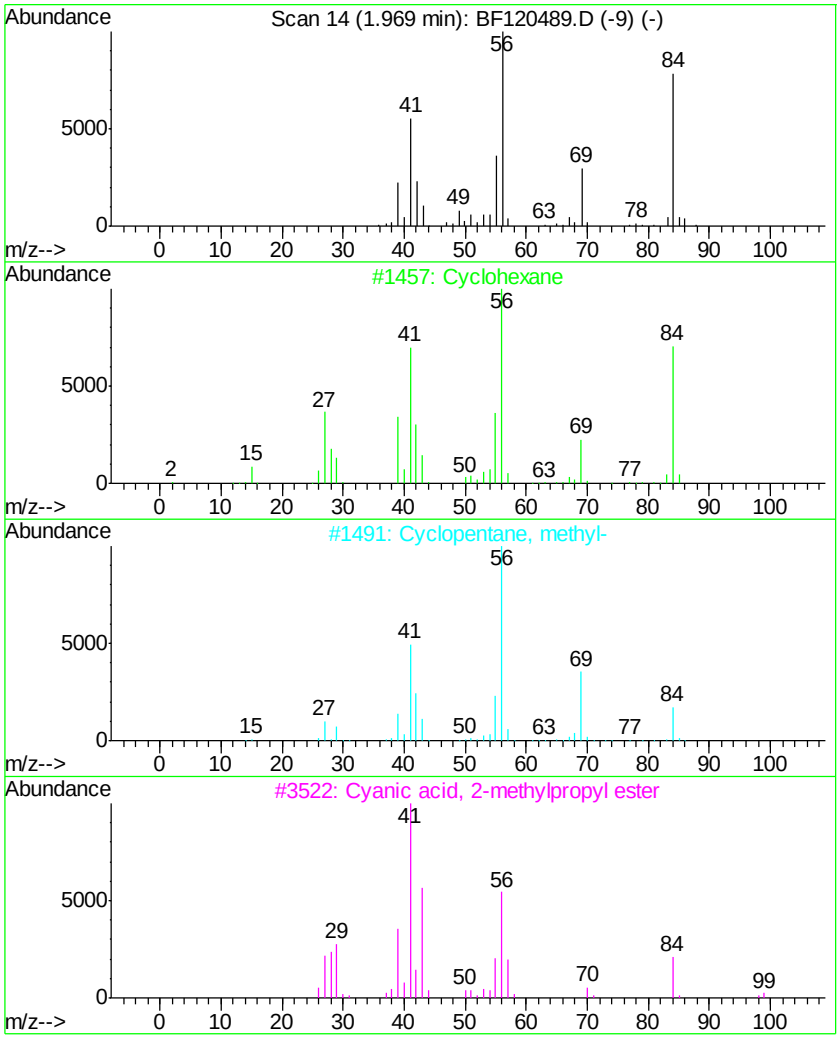
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

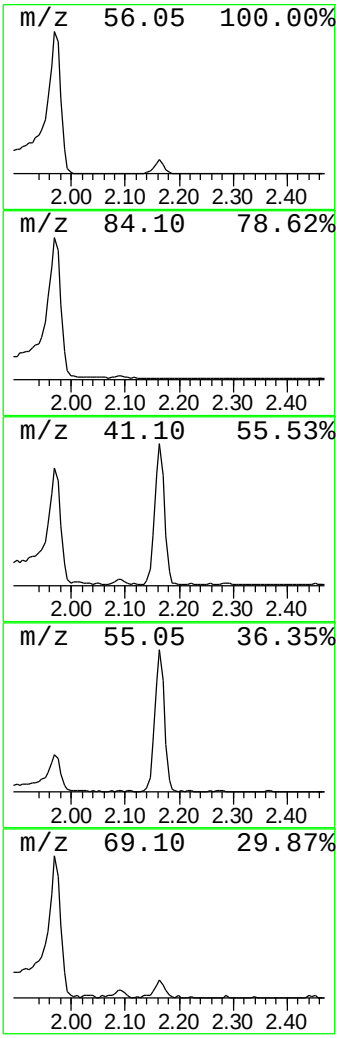
**********

Peak Number 1 Cyclohexane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.97 | 7.97 ng | 553898 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 91 |
| 2 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 56 |
| 3 | Cyanic acid, 2-methylpropyl ester | 99 | C5H9NO | 001768-25-8 | 50 |
| 4 | 2-Pentene, 2-methyl- | 84 | C6H12 | 000625-27-4 | 47 |
| 5 | Pyridine-D5- | 84 | C5D5N | 007291-22-7 | 40 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

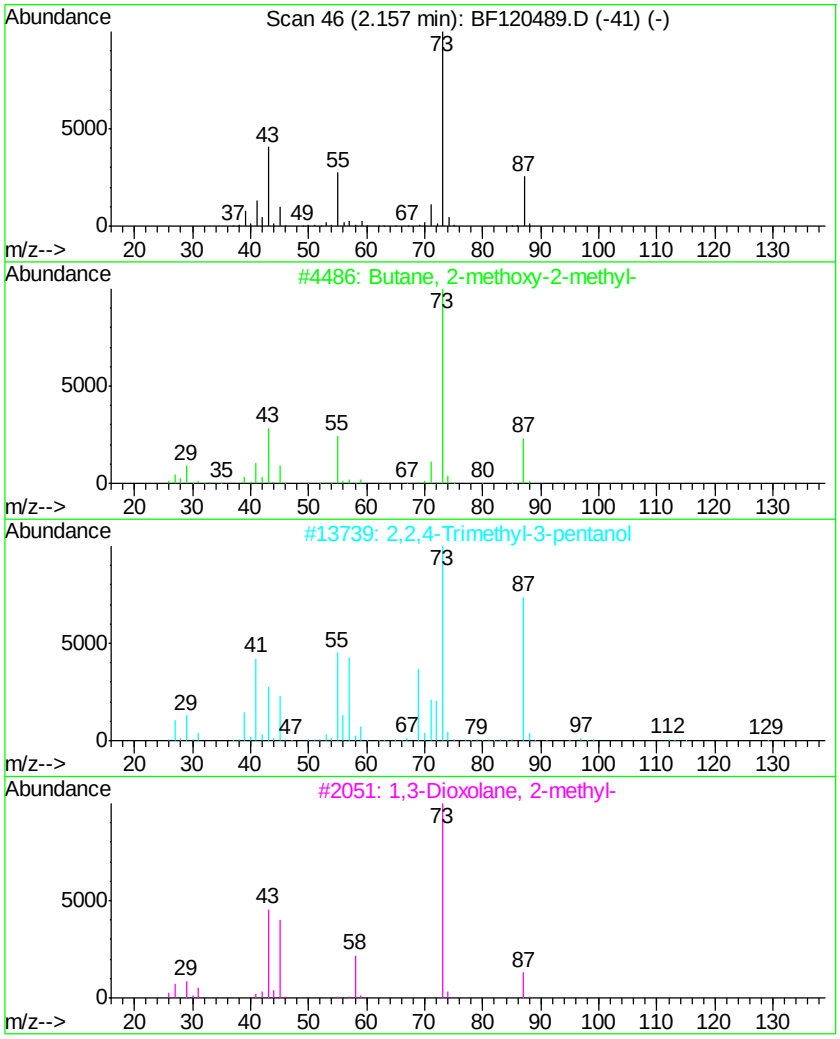
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

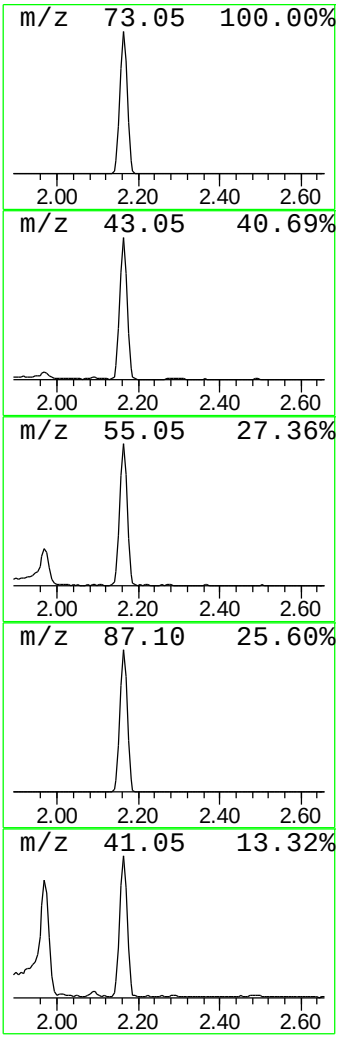
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.16 | 19.86 ng | 1379750 | 1,4-Dichlorobenzene-d4 | 6.85 |

| 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 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 5 | Borane, dimethoxy- | 74 | C2H7BO2 | 004542-61-4 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

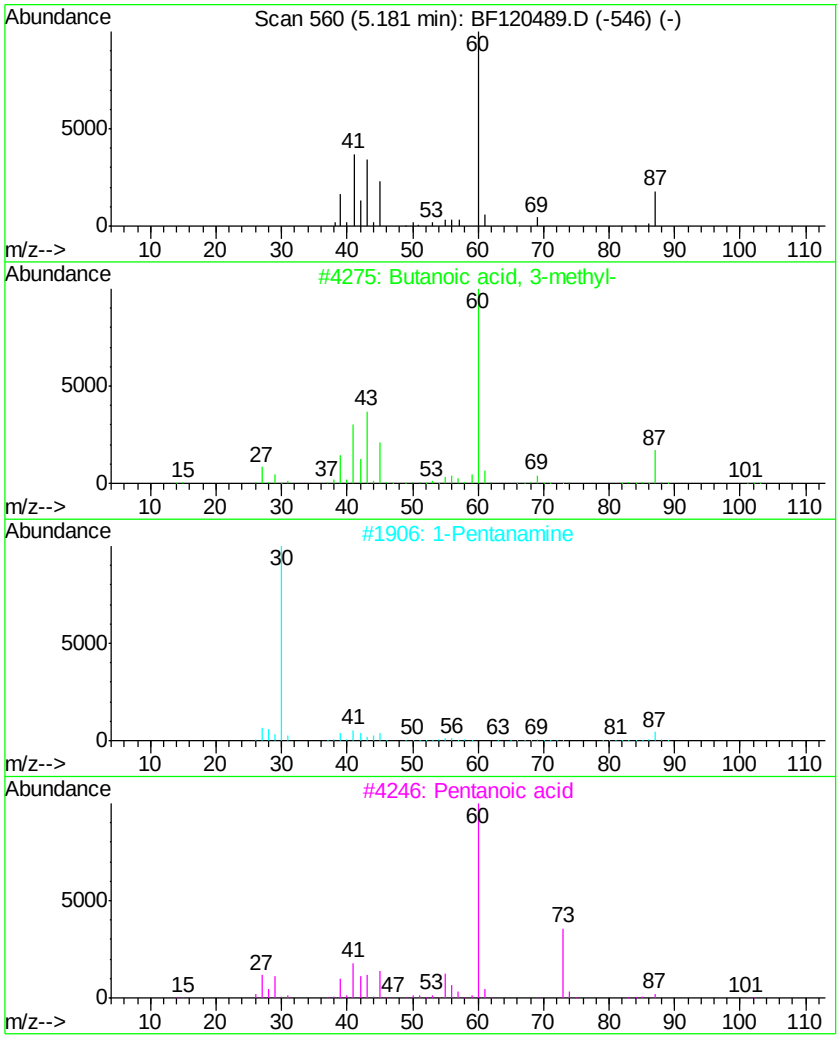
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

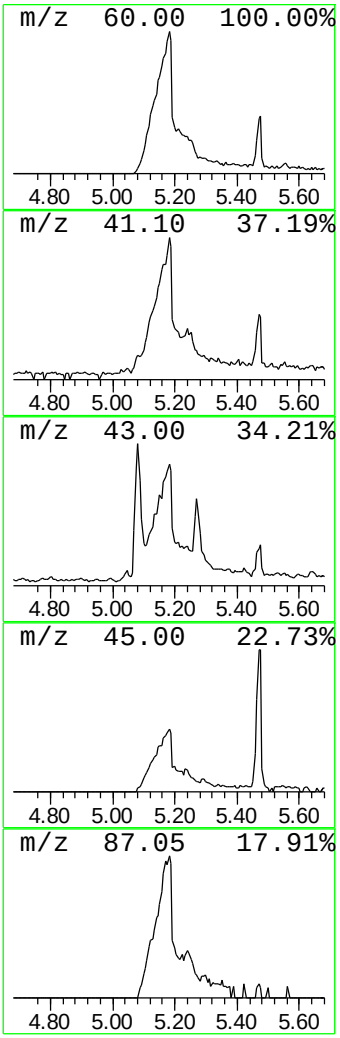
**********

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.18 | 2.31 ng | 160536 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 90 |
| 2 | 1-Pentanamine | 87 | C5H13N | 000110-58-7 | 9 |
| 3 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 9 |
| 4 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 9 |
| 5 | .alpha.-L-Galactopyranoside, met... | 178 | C7H14O5 | 014687-15-1 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

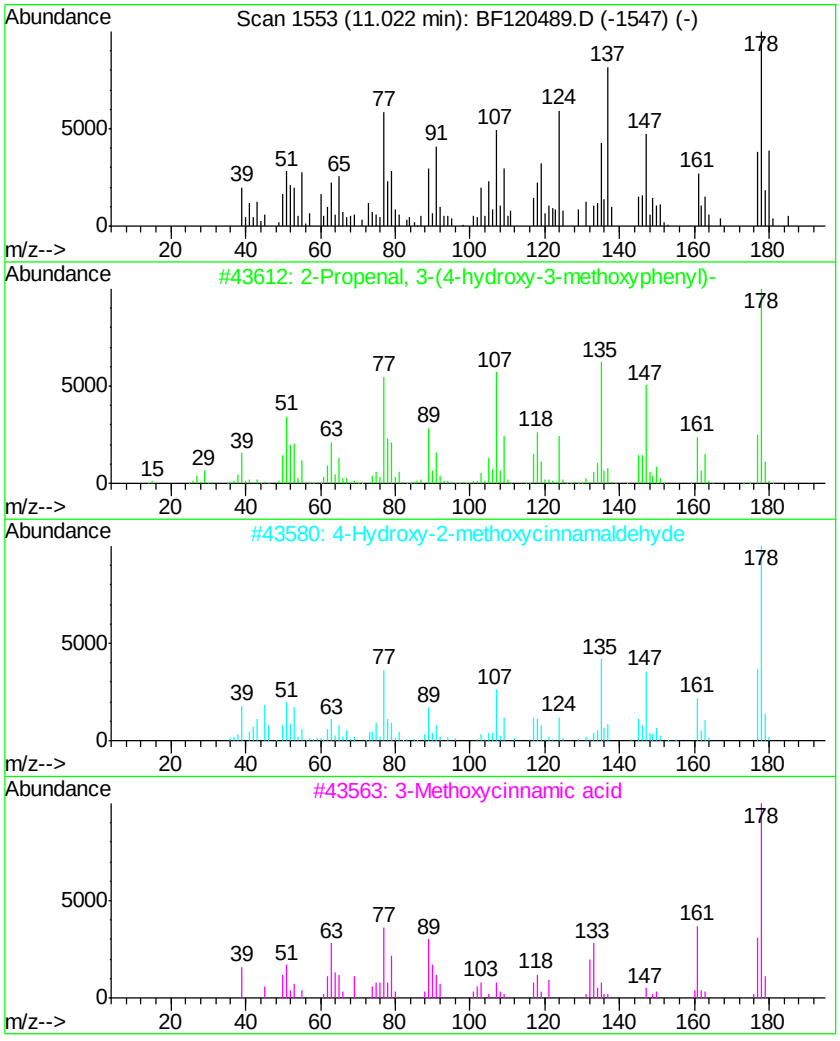
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

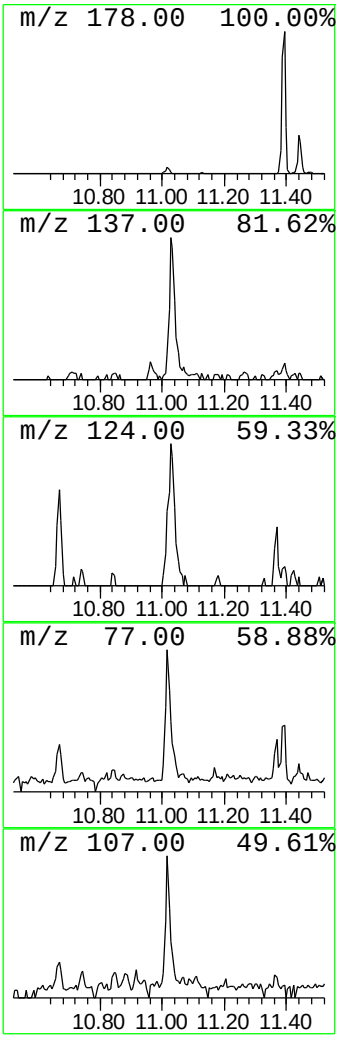
**********

Peak Number 5 2-Propenal, 3-(4-hydroxy-3-... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.02 | 2.20 ng | 183880 | Phenanthrene-d10 | 11.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propenal, 3-(4-hydroxy-3-metho... | 178 | C10H10O3 | 000458-36-6 | 98 |
| 2 | 4-Hydroxy-2-methoxycinnamaldehyde | 178 | C10H10O3 | 127321-19-1 | 90 |
| 3 | 3-Methoxycinnamic acid | 178 | C10H10O3 | 006099-04-3 | 46 |
| 4 | 2,4(1H,3H)-Pteridinedione, 7-met... | 178 | C7H6N4O2 | 013401-38-2 | 38 |
| 5 | 1H-Pyrrolo[3,4-c]pyridine-1,3,4(... | 178 | C8H6N2O3 | 026413-69-4 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

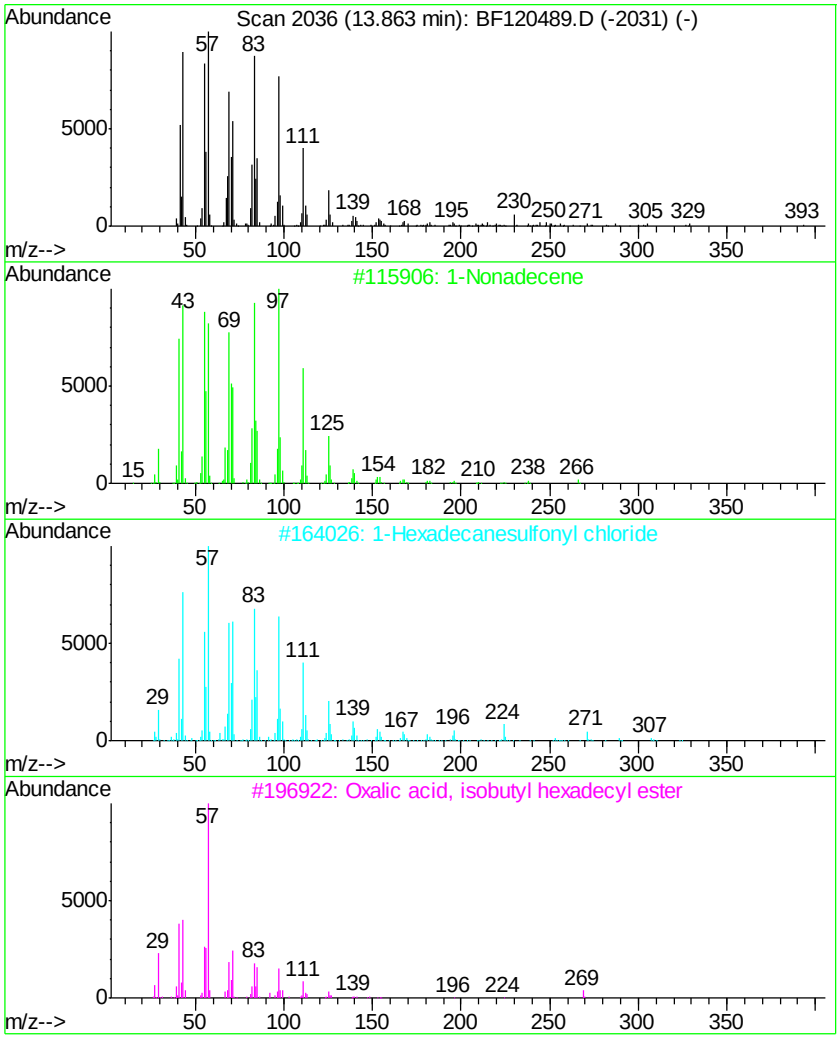
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

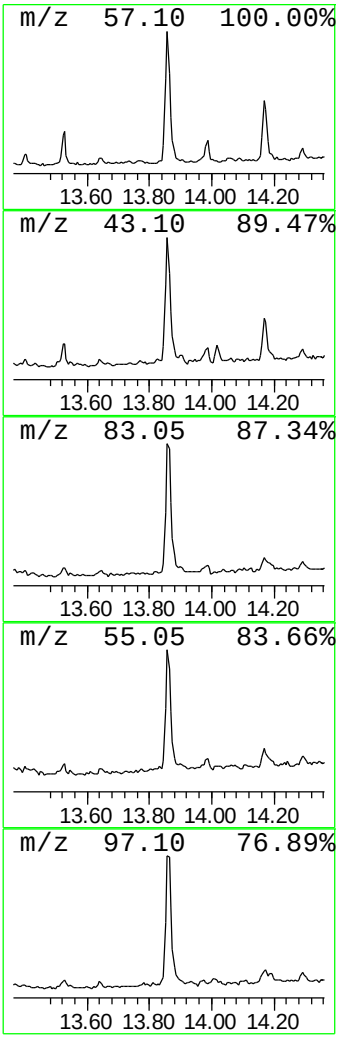
**********

Peak Number 6 1-Nonadecene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.86 | 6.12 ng | 590194 | Chrysene-d12 | 14.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 96 |
| 2 | 1-Hexadecanesulfonyl chloride | 324 | C16H33ClO2S | 038775-38-1 | 90 |
| 3 | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4 | 1000309-38-1 | 90 |
| 4 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 90 |
| 5 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

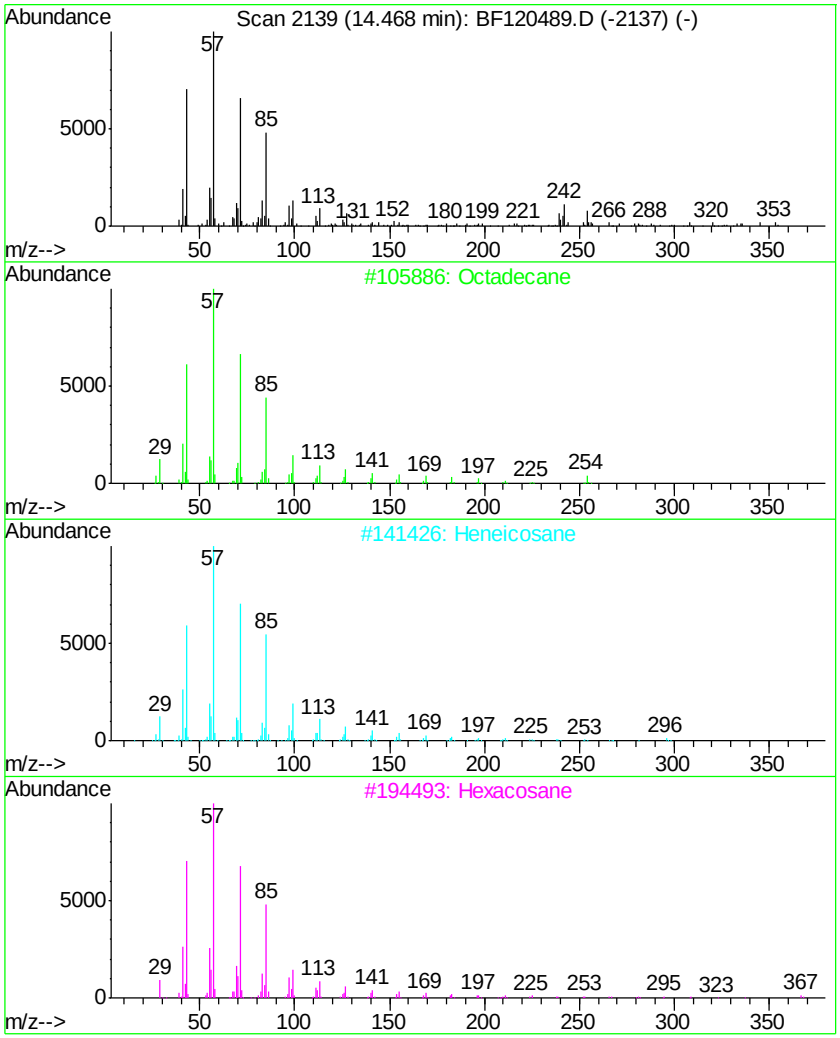
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

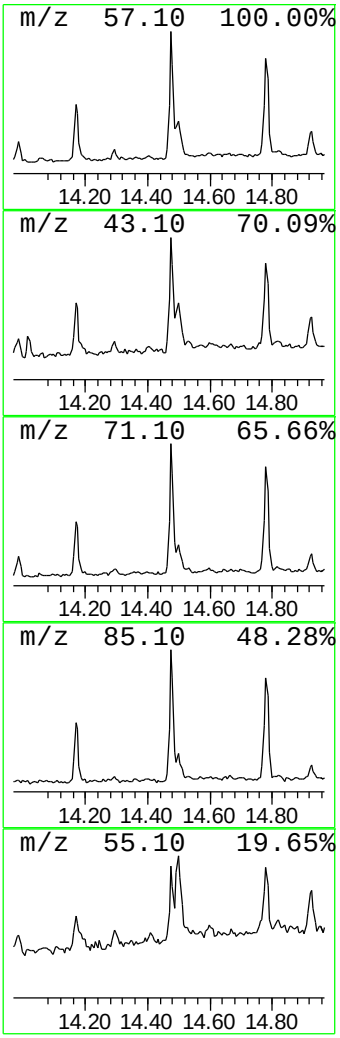
**********

Peak Number 7 Octadecane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.47 | 2.57 ng | 248422 | Chrysene-d12 | 14.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 83 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 83 |
| 5 | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36 | 014905-56-7 | 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

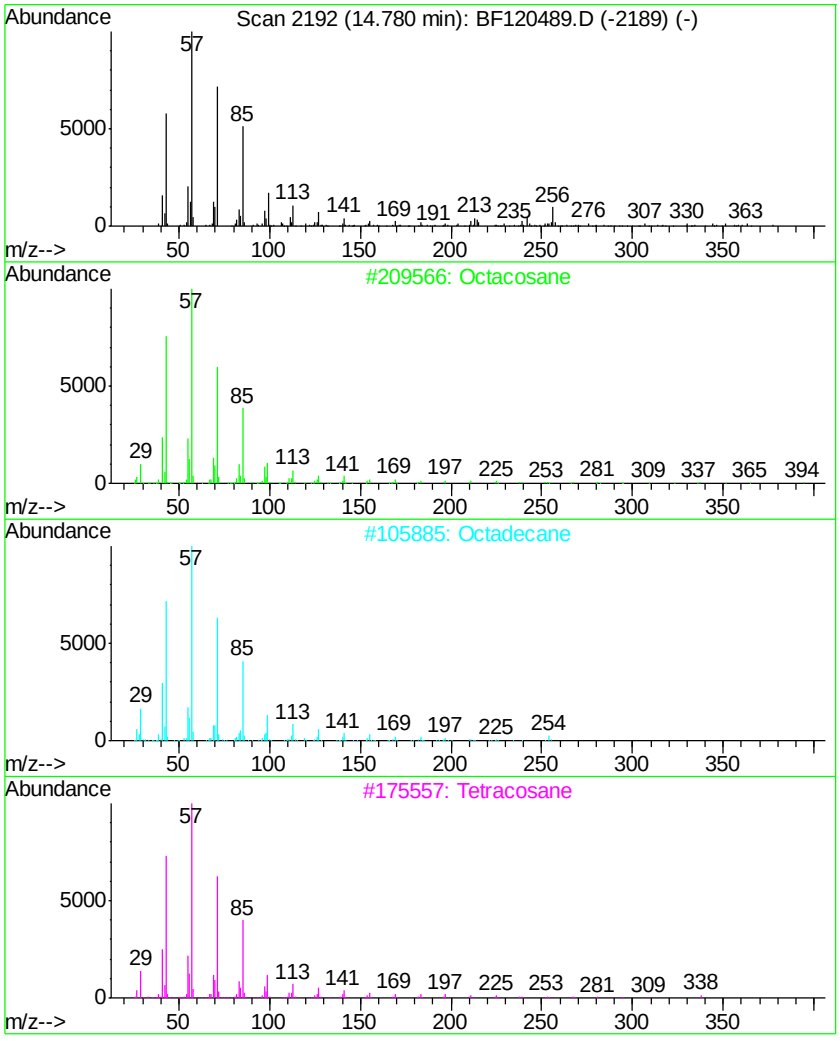
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

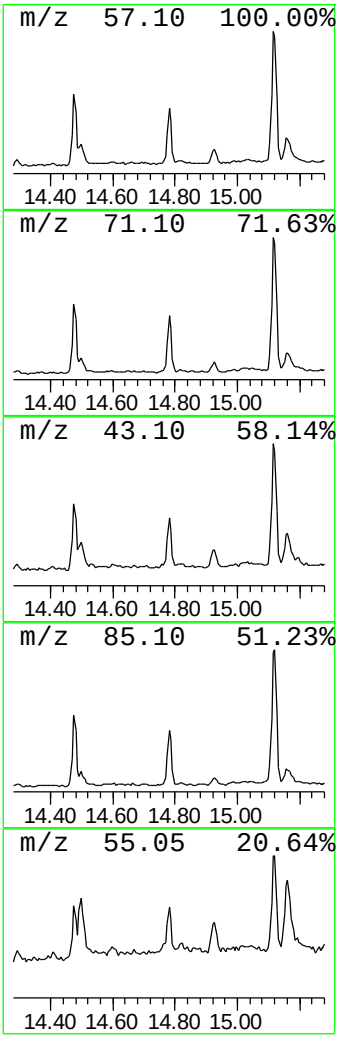
**********

Peak Number 8 Octacosane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.78 | 2.91 ng | 187873 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 83 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 83 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 80 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 80 |
| 5 | Tetradecane, 4-ethyl- | 226 | C16H34 | 055045-14-2 | 80 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

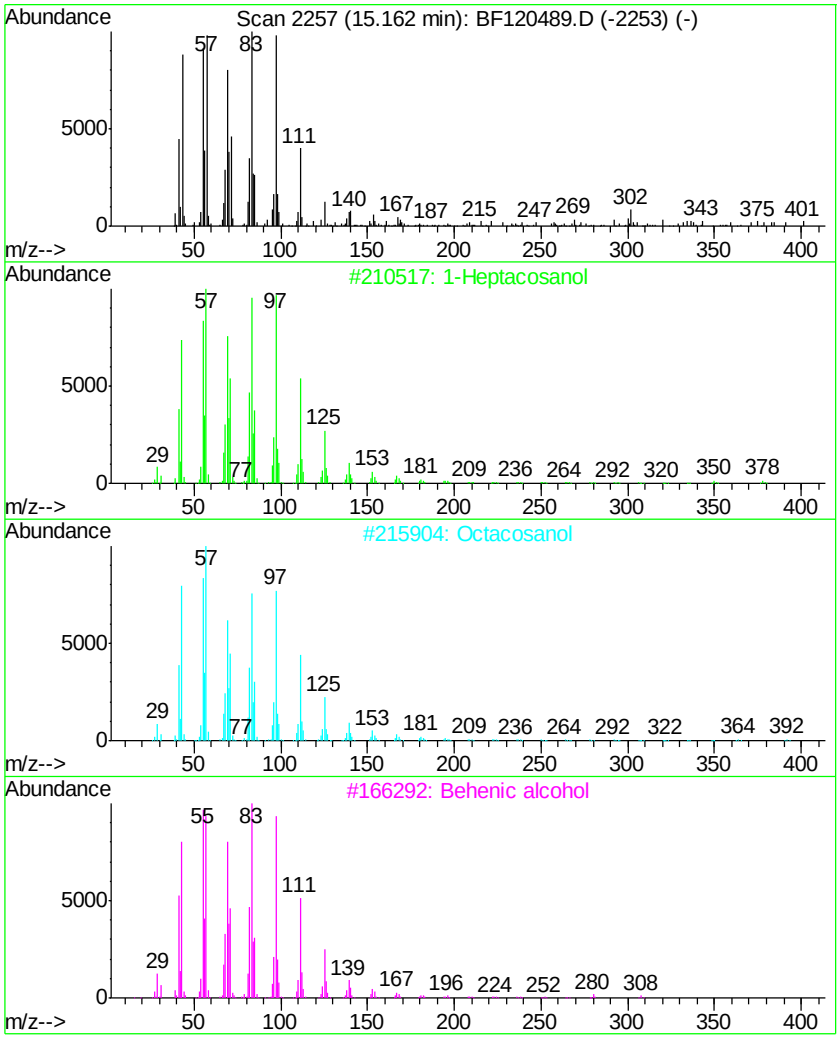
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

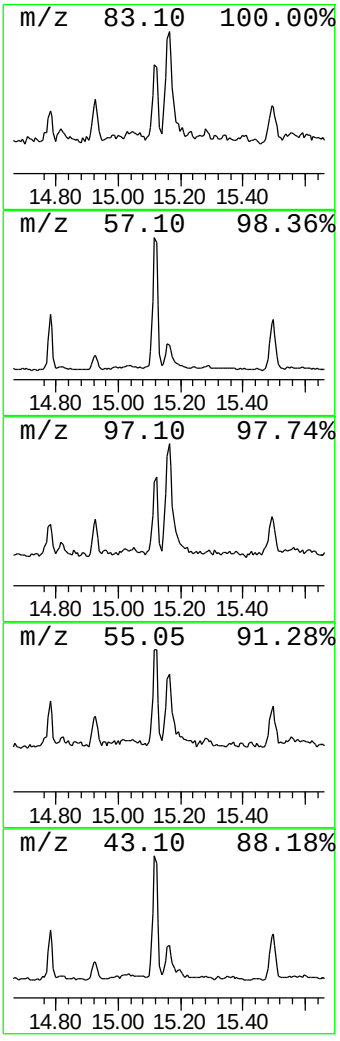
**********

Peak Number 9 1-Heptacosanol Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.16 | 6.25 ng | 402943 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 93 |
| 2 | Octacosanol | 410 | C28H58O | 000557-61-9 | 91 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 86 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 86 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 81 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

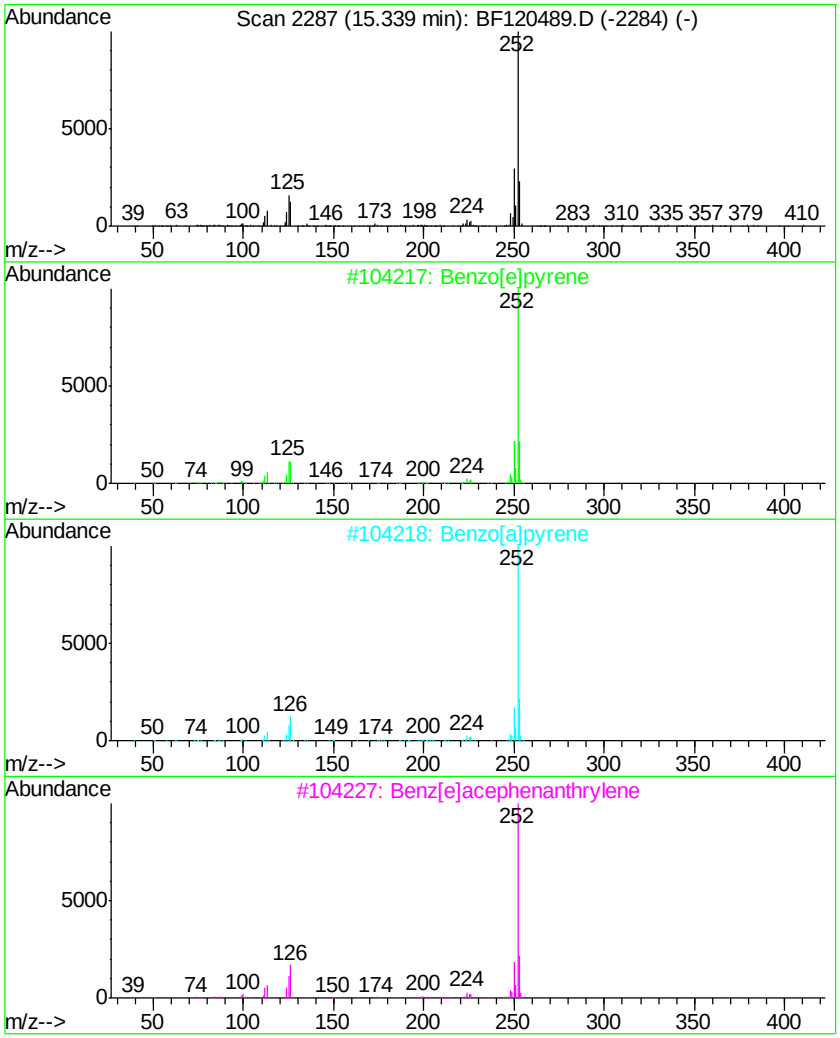
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

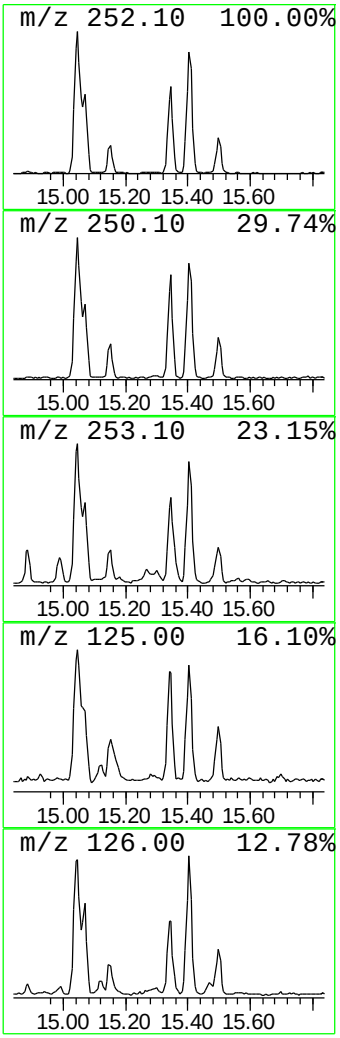
**********

Peak Number 10 Benzo[e]pyrene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.34 | 6.12 ng | 394587 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 99 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 98 |
| 3 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 93 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 89 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

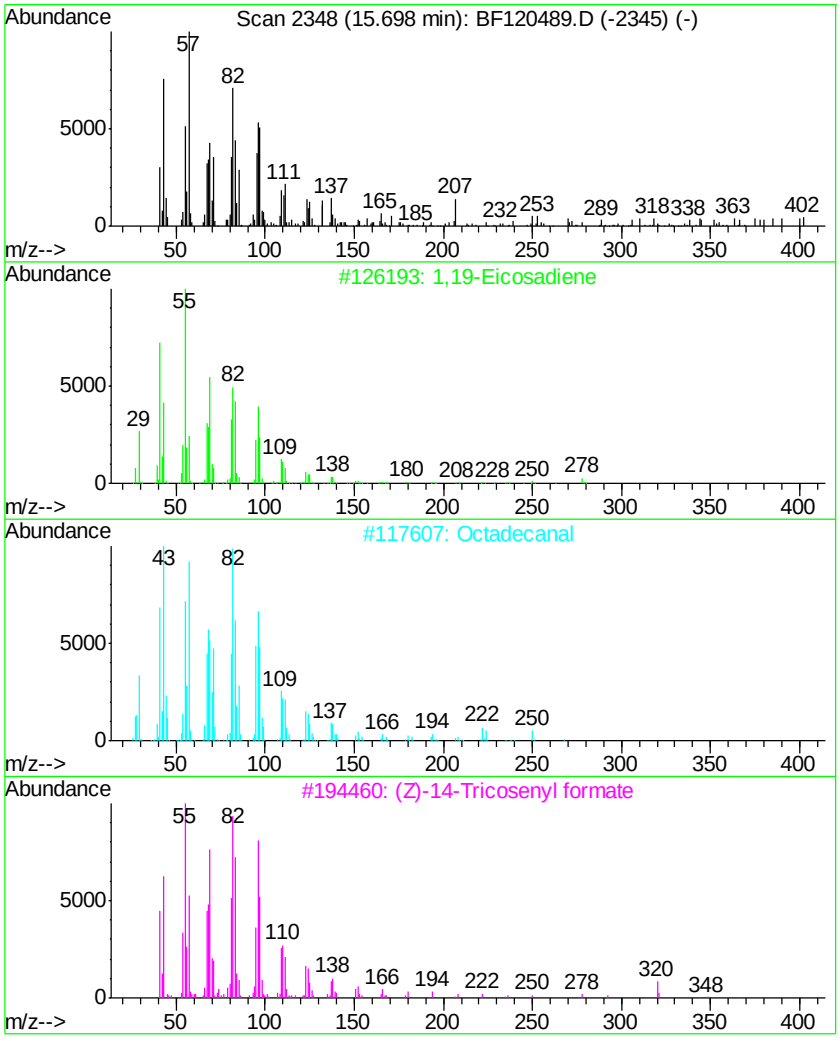
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

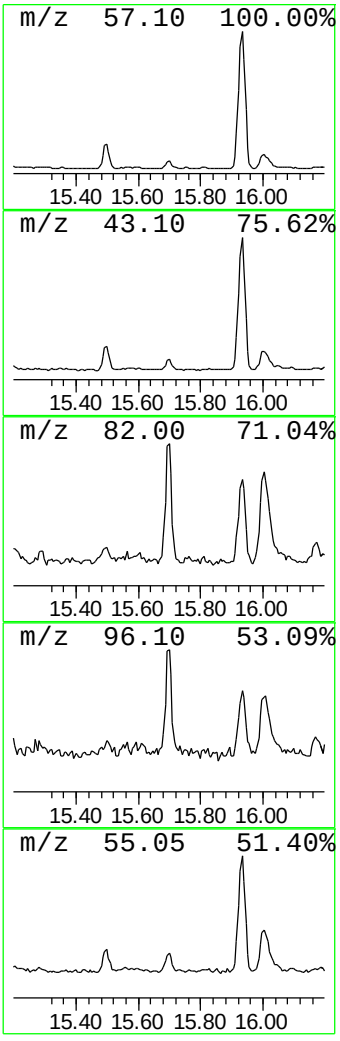
**********

Peak Number 11 1,19-Eicosadiene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.70 | 2.79 ng | 180060 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 83 |
| 2 | Octadecanal | 268 | C18H36O | 000638-66-4 | 64 |
| 3 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 64 |
| 4 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 62 |
| 5 | 16-Heptadecenal | 252 | C17H32O | 1000144-57-9 | 60 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

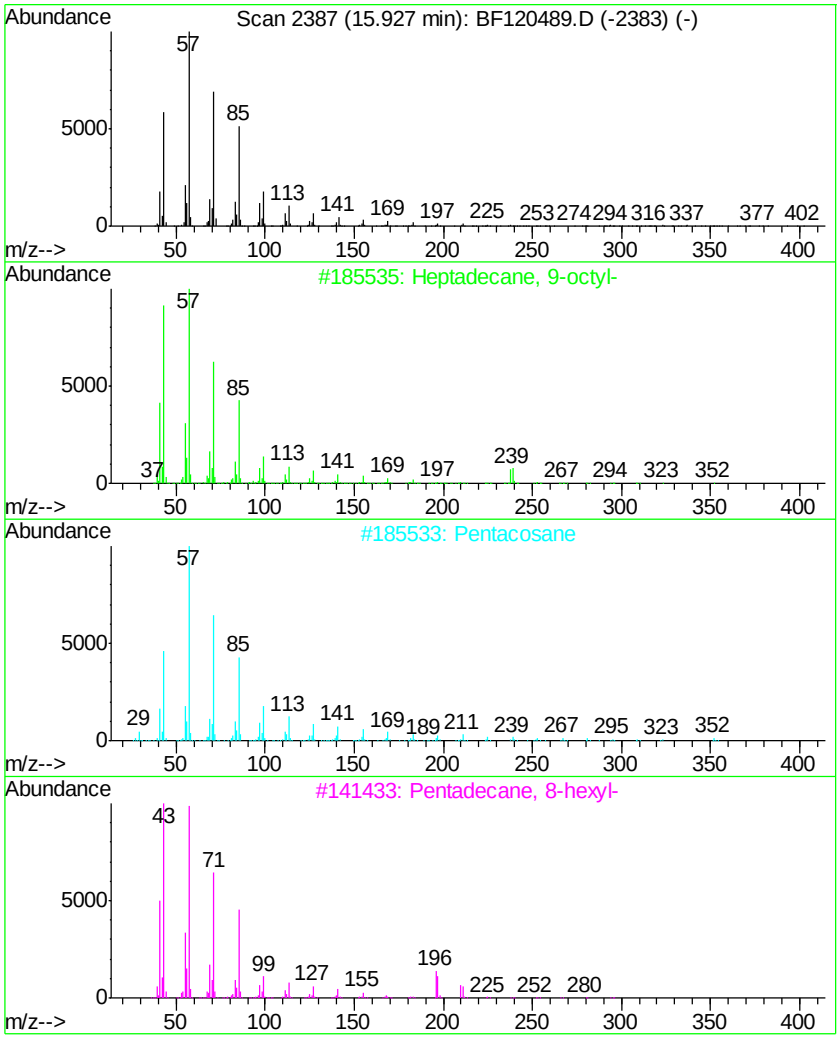
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

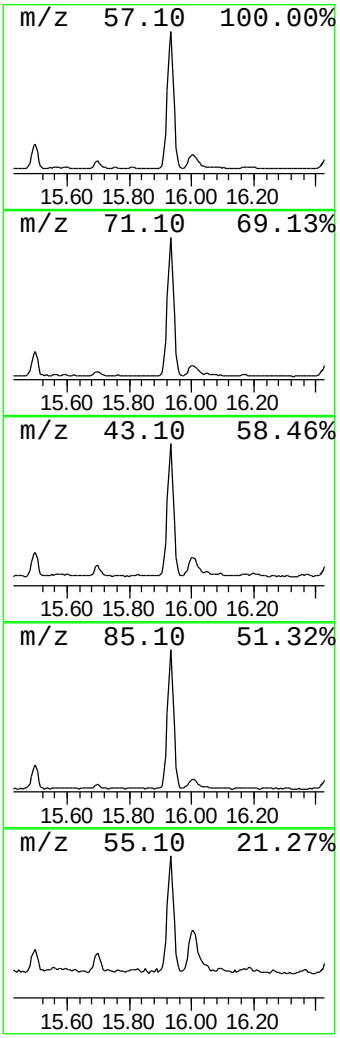
**********

Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.93 | 23.13 ng | 1492250 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 96 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 95 |
| 3 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 94 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 93 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

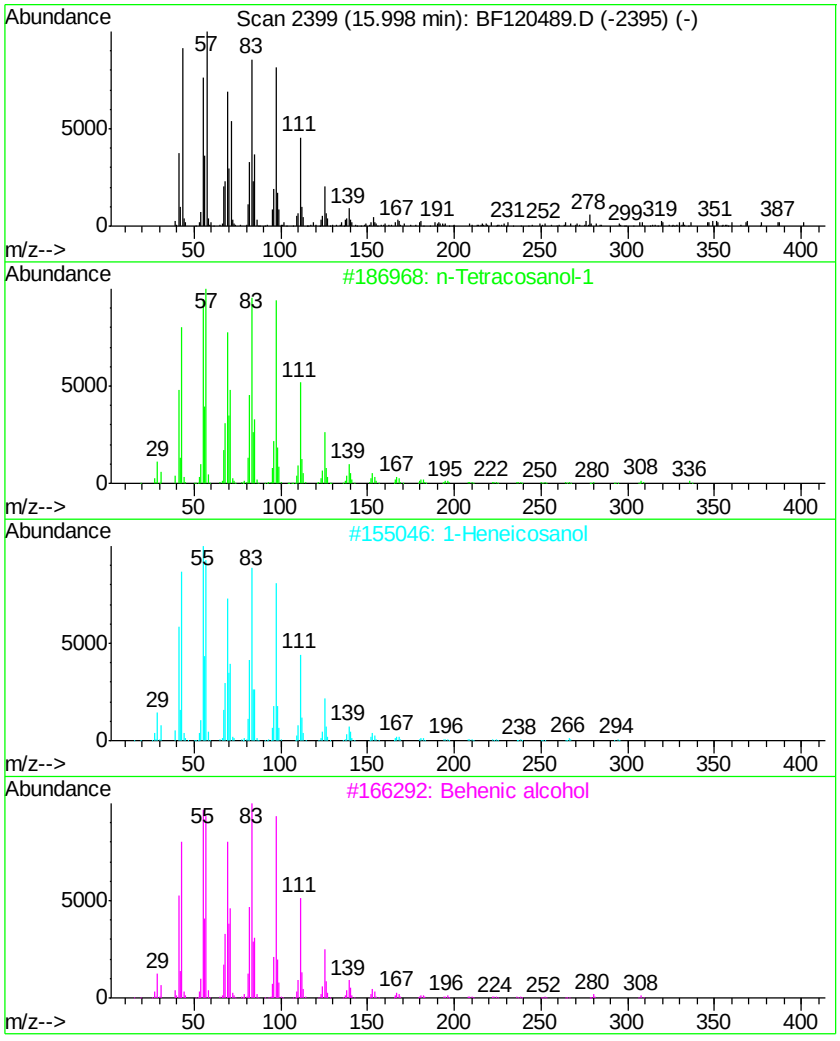
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

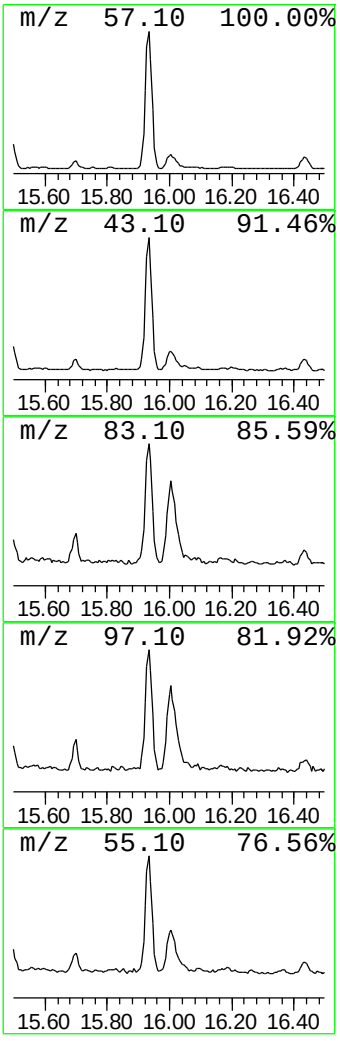
**********

Peak Number 13 n-Tetracosanol-1 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.00 | 8.09 ng | 521986 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 95 |
| 2 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 95 |
| 4 | Cyclodocosane, ethyl- | 336 | C24H48 | 1000151-22-6 | 91 |
| 5 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-COMP-2020-0-6

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

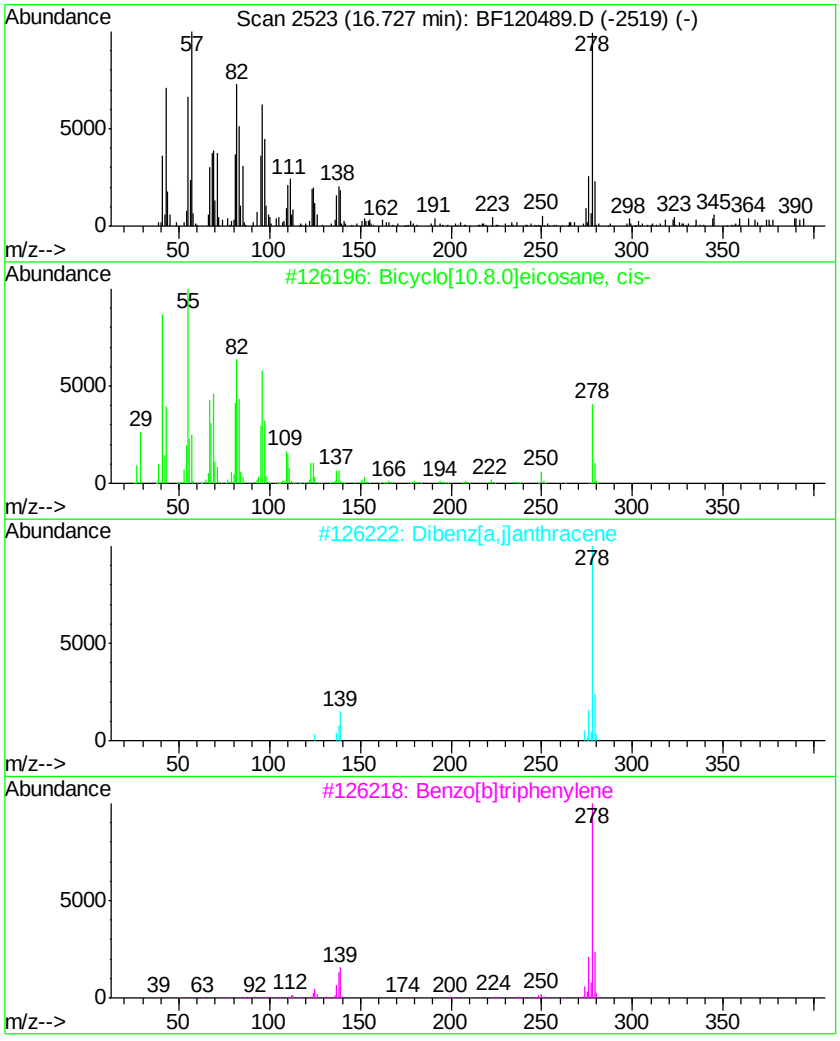
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

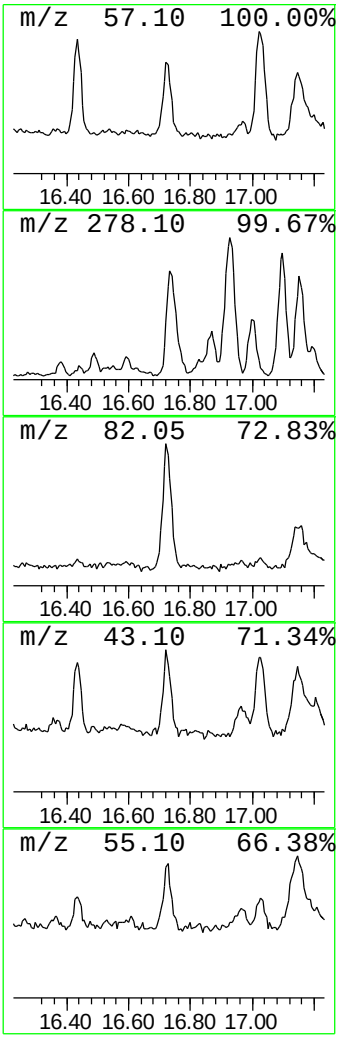
**********

Peak Number 14 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.73 | 4.89 ng | 315607 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[10.8.0]eicosane, cis- | 278 | C20H38 | 1000155-82-2 | 62 |
| 2 | Dibenz[a,j]anthracene | 278 | C22H14 | 000224-41-9 | 59 |
| 3 | Benzo[b]triphenylene | 278 | C22H14 | 000215-58-7 | 52 |
| 4 | Picene | 278 | C22H14 | 000213-46-7 | 41 |
| 5 | Dibenz[a,h]anthracene | 278 | C22H14 | 000053-70-3 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060220\
Data File : BF120489.D
Acq On : 2 Jun 2020 12:40
Operator : JU/CG
Sample : L2798-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM99-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 | 1.97 | 8.0 | ng | 553898 | 1 | 6.85 | 1389510 | 20.0 |
| Butane, 2-methoxy... | 2.16 | 19.9 | ng | 1379750 | 1 | 6.85 | 1389510 | 20.0 |
| Butanoic acid, 3-... | 5.18 | 2.3 | ng | 160536 | 1 | 6.85 | 1389510 | 20.0 |
| 2-Propenal, 3-(4-... | 11.02 | 2.2 | ng | 183880 | 4 | 11.37 | 1668980 | 20.0 |
| 1-Nonadecene | 13.86 | 6.1 | ng | 590194 | 5 | 14.01 | 1929520 | 20.0 |
| Octadecane | 14.47 | 2.6 | ng | 248422 | 5 | 14.01 | 1929520 | 20.0 |
| Octacosane | 14.78 | 2.9 | ng | 187873 | 6 | 15.47 | 1290310 | 20.0 |
| 1-Heptacosanol | 15.16 | 6.3 | ng | 402943 | 6 | 15.47 | 1290310 | 20.0 |
| Benzo[e]pyrene | 15.34 | 6.1 | ng | 394587 | 6 | 15.47 | 1290310 | 20.0 |
| 1,19-Eicosadiene | 15.70 | 2.8 | ng | 180060 | 6 | 15.47 | 1290310 | 20.0 |
| Heptadecane, 9-oc... | 15.93 | 23.1 | ng | 1492250 | 6 | 15.47 | 1290310 | 20.0 |
| n-Tetracosanol-1 | 16.00 | 8.1 | ng | 521986 | 6 | 15.47 | 1290310 | 20.0 |
| Bicyclo[10.8.0]ei... | 16.73 | 4.9 | ng | 315607 | 6 | 15.47 | 1290310 | 20.0 |