LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

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-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139156.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.193 | 9 | 17 | 24 | rVB | 1062420 | 1619313 | 100.00% | 10.258% |
| 2 | 3.399 | 216 | 222 | 237 | rBV | 28139 | 61901 | 3.82% | 0.392% |
| 3 | 5.110 | 504 | 513 | 519 | rBV | 72939 | 108288 | 6.69% | 0.686% |
| 4 | 5.510 | 575 | 581 | 587 | rBV | 1127389 | 1488330 | 91.91% | 9.429% |
| 5 | 6.516 | 746 | 752 | 757 | rBV | 1154755 | 1518252 | 93.76% | 9.618% |
| 6 | 6.716 | 782 | 786 | 792 | rBV | 16543 | 21039 | 1.30% | 0.133% |
| 7 | 6.898 | 812 | 817 | 822 | rBV | 409570 | 507249 | 31.32% | 3.213% |
| 8 | 7.051 | 837 | 843 | 847 | rBV | 54264 | 64930 | 4.01% | 0.411% |
| 9 | 7.457 | 906 | 912 | 917 | rBV | 753615 | 976894 | 60.33% | 6.189% |
| 10 | 7.710 | 950 | 955 | 959 | rVB | 31719 | 37050 | 2.29% | 0.235% |
| 11 | 8.175 | 1029 | 1034 | 1040 | rBV | 495649 | 626915 | 38.71% | 3.971% |
| 12 | 8.392 | 1065 | 1071 | 1076 | rBV | 13644 | 16233 | 1.00% | 0.103% |
| 13 | 8.487 | 1082 | 1087 | 1092 | rBV | 63819 | 79510 | 4.91% | 0.504% |
| 14 | 9.251 | 1212 | 1217 | 1222 | rBV | 1320401 | 1603393 | 99.02% | 10.157% |
| 15 | 9.934 | 1327 | 1333 | 1343 | rBV | 500984 | 649160 | 40.09% | 4.112% |
| 16 | 10.028 | 1343 | 1349 | 1352 | rBV | 27582 | 45026 | 2.78% | 0.285% |
| 17 | 10.716 | 1461 | 1466 | 1471 | rBV | 618570 | 754549 | 46.60% | 4.780% |
| 18 | 10.839 | 1483 | 1487 | 1496 | rVB | 19731 | 25625 | 1.58% | 0.162% |
| 19 | 11.416 | 1579 | 1585 | 1592 | rVB | 403602 | 522446 | 32.26% | 3.310% |
| 20 | 11.851 | 1655 | 1659 | 1665 | rVB5 | 13815 | 21761 | 1.34% | 0.138% |
| 21 | 11.939 | 1665 | 1674 | 1680 | rBV3 | 81481 | 136288 | 8.42% | 0.863% |
| 22 | 12.028 | 1686 | 1689 | 1698 | rVB2 | 9888 | 20570 | 1.27% | 0.130% |
| 23 | 12.116 | 1698 | 1704 | 1712 | rBV5 | 8391 | 16493 | 1.02% | 0.104% |
| 24 | 12.551 | 1773 | 1778 | 1784 | rVB4 | 13806 | 24073 | 1.49% | 0.153% |
| 25 | 12.627 | 1786 | 1791 | 1797 | rBV | 90237 | 118502 | 7.32% | 0.751% |
| 26 | 12.727 | 1804 | 1808 | 1815 | rVV3 | 21646 | 29880 | 1.85% | 0.189% |
| 27 | 12.857 | 1822 | 1830 | 1834 | rBV | 77140 | 127011 | 7.84% | 0.805% |
| 28 | 12.904 | 1836 | 1838 | 1843 | rVB5 | 13495 | 17330 | 1.07% | 0.110% |
| 29 | 13.004 | 1849 | 1855 | 1860 | rVB | 820802 | 1066242 | 65.85% | 6.755% |
| 30 | 13.075 | 1860 | 1867 | 1869 | rBV4 | 9718 | 17303 | 1.07% | 0.110% |
| 31 | 13.180 | 1878 | 1885 | 1888 | rBV2 | 10746 | 22921 | 1.42% | 0.145% |
| 32 | 13.286 | 1900 | 1903 | 1911 | rVB4 | 12398 | 19487 | 1.20% | 0.123% |
| 33 | 13.451 | 1928 | 1931 | 1941 | rVB10 | 8159 | 18723 | 1.16% | 0.119% |
| 34 | 13.580 | 1944 | 1953 | 1960 | rBV10 | 7970 | 28404 | 1.75% | 0.180% |
| 35 | 13.692 | 1968 | 1972 | 1978 | rVB2 | 16849 | 27142 | 1.68% | 0.172% |
| 36 | 13.798 | 1986 | 1990 | 1994 | rBV3 | 12336 | 22326 | 1.38% | 0.141% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

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-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.898 | 2003 | 2007 | 2016 | rBV2 | 173501 | 258502 | 15.96% | 1.638% |
| 38 | 14.051 | 2027 | 2033 | 2046 | rVB2 | 406197 | 653562 | 40.36% | 4.140% |
| 39 | 14.227 | 2059 | 2063 | 2068 | rBV4 | 15422 | 24309 | 1.50% | 0.154% |
| 40 | 14.351 | 2080 | 2084 | 2090 | rVB6 | 15173 | 21526 | 1.33% | 0.136% |
| 41 | 14.439 | 2095 | 2099 | 2102 | rVB | 15306 | 21515 | 1.33% | 0.136% |
| 42 | 14.539 | 2111 | 2116 | 2123 | rBV | 242723 | 387122 | 23.91% | 2.452% |
| 43 | 14.863 | 2164 | 2171 | 2176 | rBV5 | 18692 | 51331 | 3.17% | 0.325% |
| 44 | 14.921 | 2177 | 2181 | 2187 | rVB3 | 25105 | 39756 | 2.46% | 0.252% |
| 45 | 14.992 | 2189 | 2193 | 2198 | rVB2 | 34932 | 49420 | 3.05% | 0.313% |
| 46 | 15.098 | 2206 | 2211 | 2221 | rBV | 59065 | 134477 | 8.30% | 0.852% |
| 47 | 15.216 | 2222 | 2231 | 2237 | rBV3 | 97617 | 282410 | 17.44% | 1.789% |
| 48 | 15.404 | 2260 | 2263 | 2268 | rVB | 30315 | 40424 | 2.50% | 0.256% |
| 49 | 15.463 | 2269 | 2273 | 2278 | rVB | 33425 | 51665 | 3.19% | 0.327% |
| 50 | 15.533 | 2279 | 2285 | 2297 | rBV | 282045 | 467451 | 28.87% | 2.961% |
| 51 | 15.786 | 2324 | 2328 | 2336 | rVB2 | 44640 | 71146 | 4.39% | 0.451% |
| 52 | 16.033 | 2364 | 2370 | 2374 | rBV | 66736 | 119333 | 7.37% | 0.756% |
| 53 | 16.080 | 2374 | 2378 | 2386 | rVV | 74141 | 154930 | 9.57% | 0.981% |
| 54 | 16.151 | 2387 | 2390 | 2398 | rVB | 24331 | 42801 | 2.64% | 0.271% |
| 55 | 16.851 | 2503 | 2509 | 2517 | rVB2 | 54363 | 113397 | 7.00% | 0.718% |
| 56 | 17.004 | 2532 | 2535 | 2541 | rBV2 | 10952 | 20242 | 1.25% | 0.128% |
| 57 | 17.168 | 2558 | 2563 | 2566 | rBV3 | 12404 | 24723 | 1.53% | 0.157% |
| 58 | 17.221 | 2566 | 2572 | 2589 | rVV9 | 41488 | 154341 | 9.53% | 0.978% |
| 59 | 17.639 | 2637 | 2643 | 2651 | rBV9 | 24267 | 63689 | 3.93% | 0.403% |
| 60 | 17.727 | 2653 | 2658 | 2669 | rVB9 | 28072 | 76736 | 4.74% | 0.486% |

Sum of corrected areas: 15785367

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
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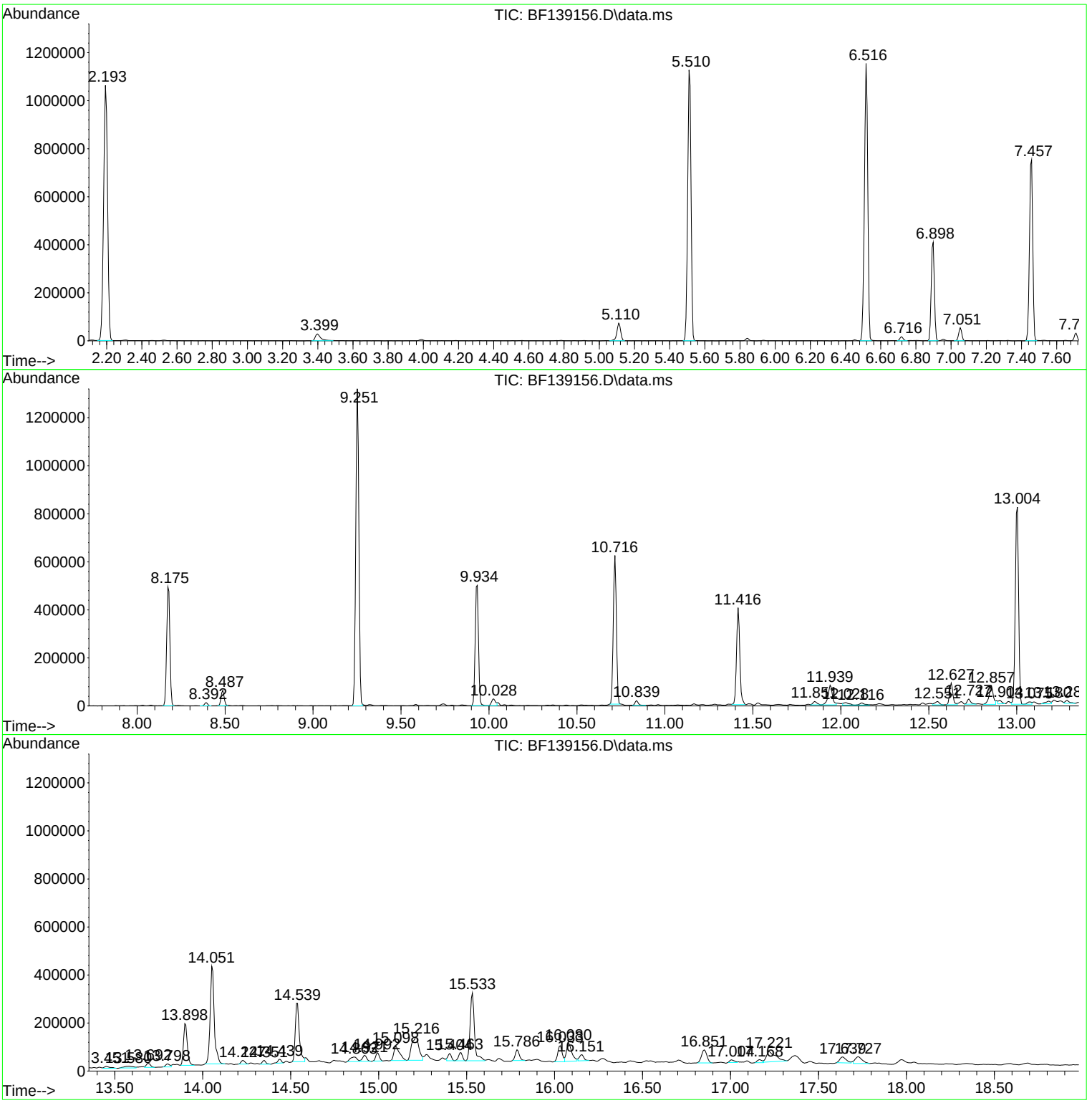
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
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S-930-K1-SO-0.5-1-082024

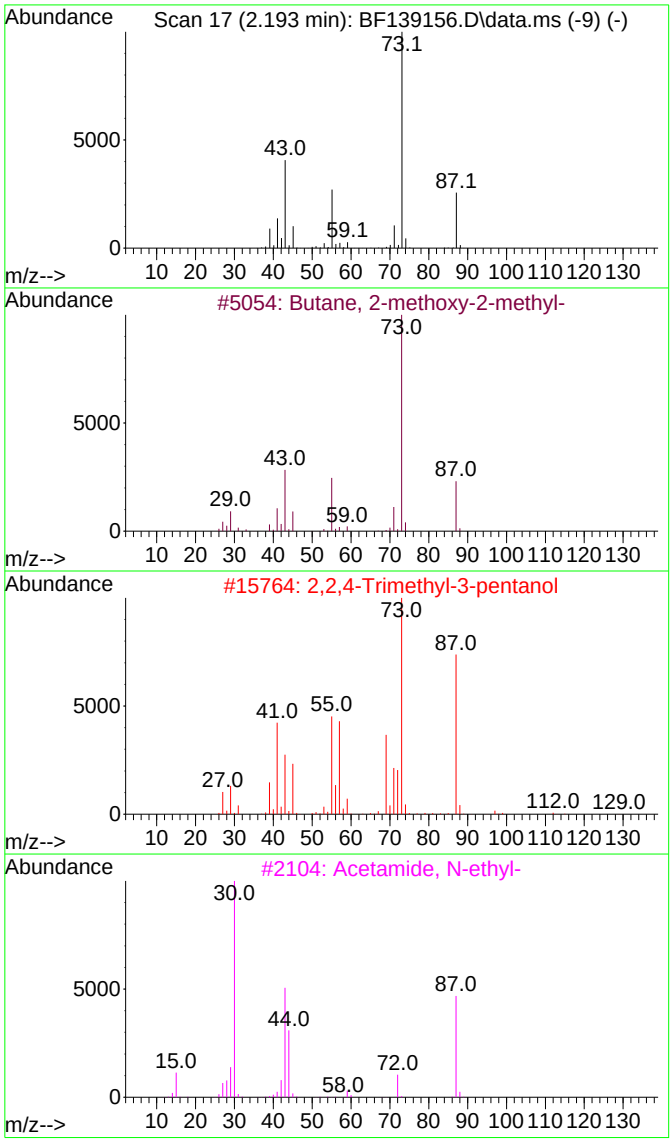
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

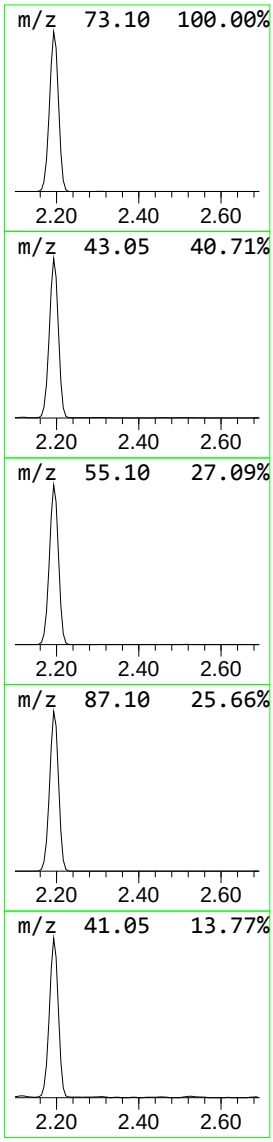
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.193 | 63.85 ng | 1619310 | 1,4-Dichlorobenzene-d4 | 6.898 |

| 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 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 27 |
| 4 | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7 | 17 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

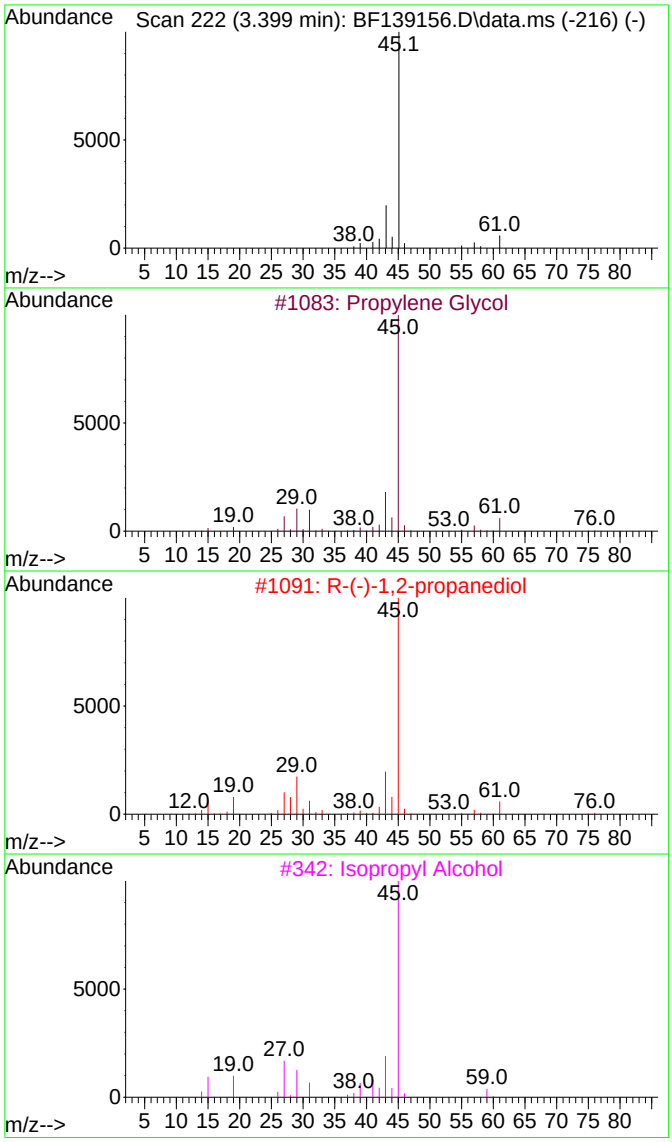
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

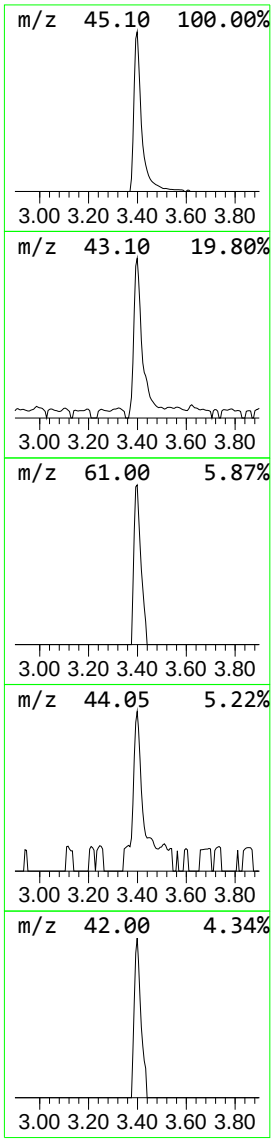
**********

Peak Number 2 unknown3.399 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.399 | 2.44 ng | 61901 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 9 |
| 2 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 9 |
| 3 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 9 |
| 4 | Formamide | 45 | CH3NO | 000075-12-7 | 5 |
| 5 | Propanoic acid, 2-hydroxy-, meth... | 104 | C4H8O3 | 000547-64-8 | 4 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

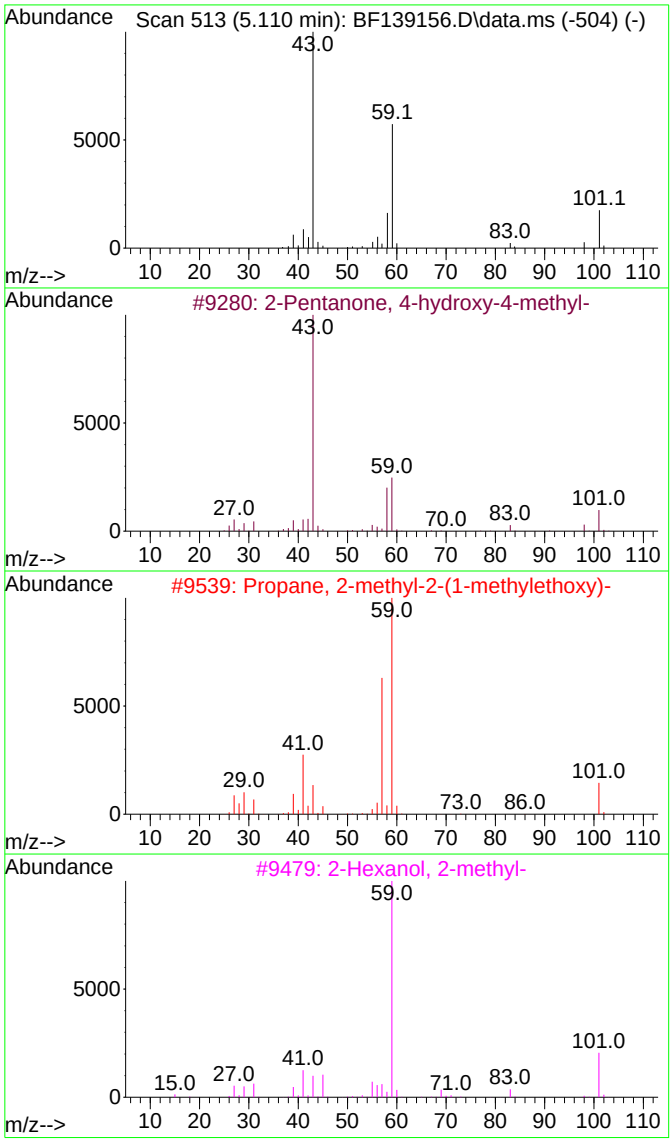
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

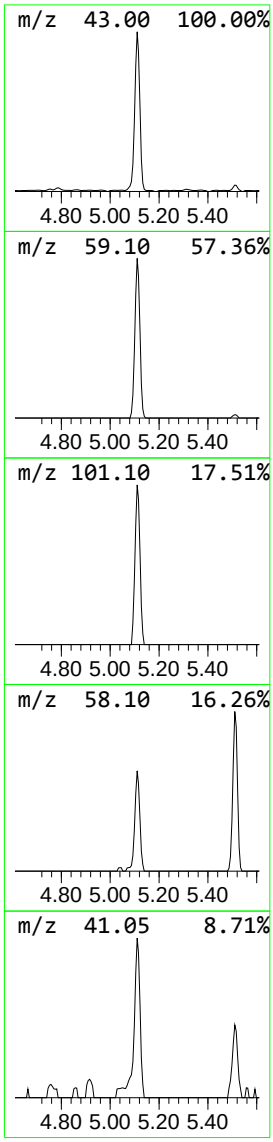
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.110 | 4.27 ng | 108288 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 36 |
| 3 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 5 | Butyl aldoxime, 3-methyl-, syn- | 101 | C5H11NO | 005780-40-5 | 23 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
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**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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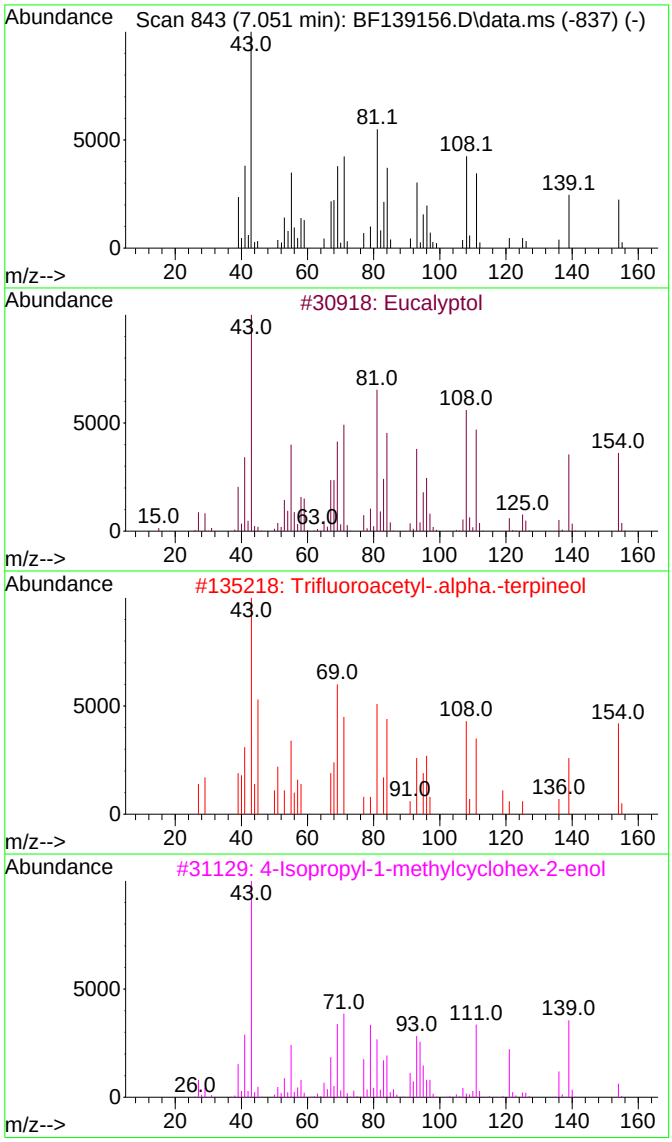
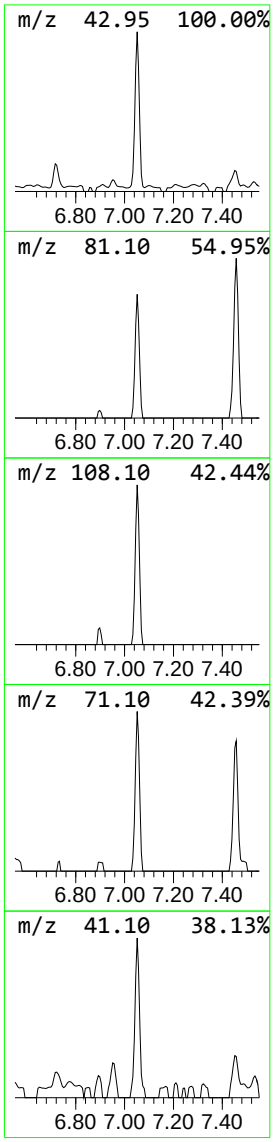
**********

Peak Number 4 Eucalyptol Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.051 | 2.56 ng | 64930 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eucalyptol | 154 | C10H18O | 000470-82-6 | 98 |
| 2 | Trifluoroacetyl-.alpha.-terpineol | 250 | C12H17F3O2 | 1000058-17-6 | 64 |
| 3 | 4-Isopropyl-1-methylcyclohex-2-enol | 154 | C10H18O | 000619-62-5 | 37 |
| 4 | 2-Isopropyl-5-methylhex-2-enal | 154 | C10H18O | 035158-25-9 | 27 |
| 5 | 2-Isopropyl-4-methylhex-2-enal | 154 | C10H18O | 072668-37-2 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
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Misc :
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**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

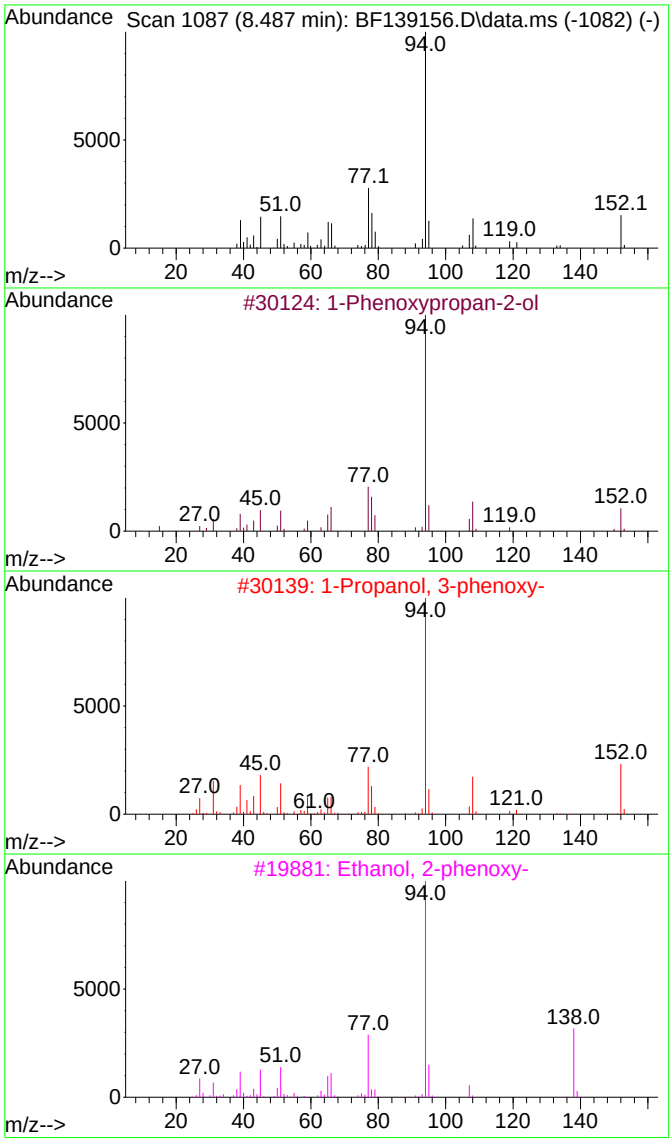
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

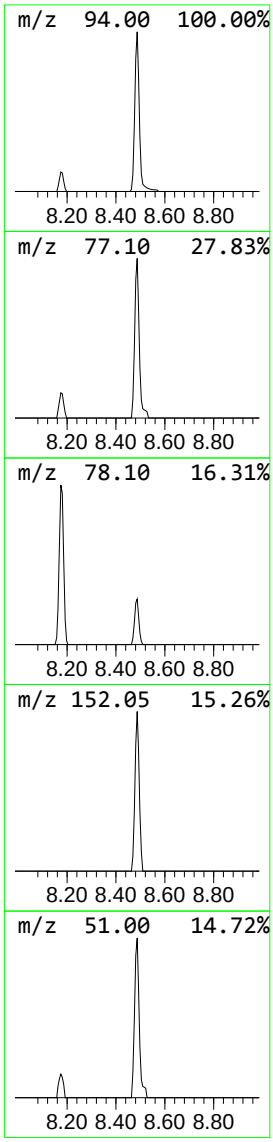
**********

Peak Number 5 1-Phenoxypropan-2-ol Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.487 | 2.54 ng | 79510 | Naphthalene-d8 | 8.175 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 97 |
| 2 | 1-Propanol, 3-phenoxy- | 152 | C9H12O2 | 006180-61-6 | 87 |
| 3 | Ethanol, 2-phenoxy- | 138 | C8H10O2 | 000122-99-6 | 64 |
| 4 | 1-Propanol, 2-phenoxy- | 152 | C9H12O2 | 004169-04-4 | 59 |
| 5 | Benzene, (2-methylpropoxy)- | 150 | C10H14O | 001126-75-6 | 53 |



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Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

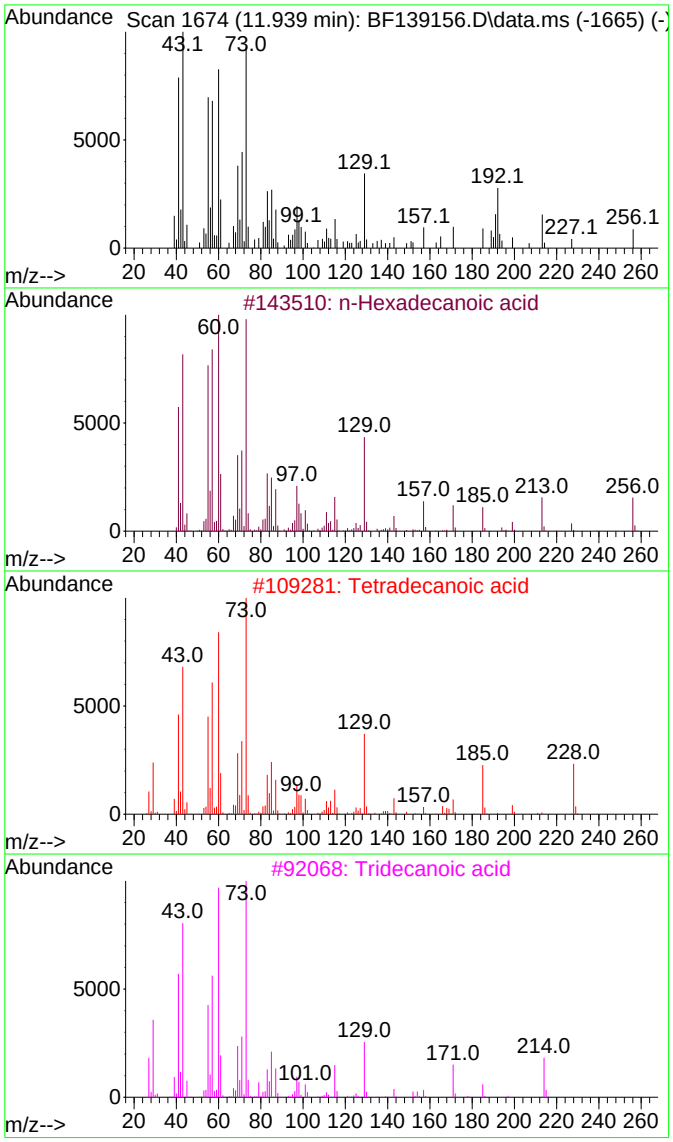
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

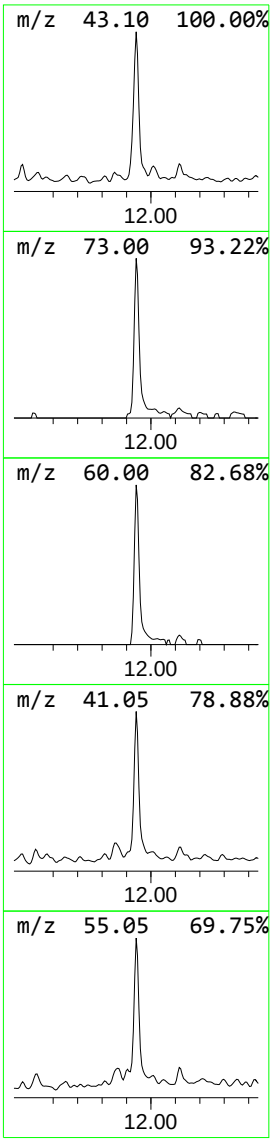
**********

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.939 | 5.22 ng | 136288 | Phenanthrene-d10 | 11.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 72 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 68 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 5 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

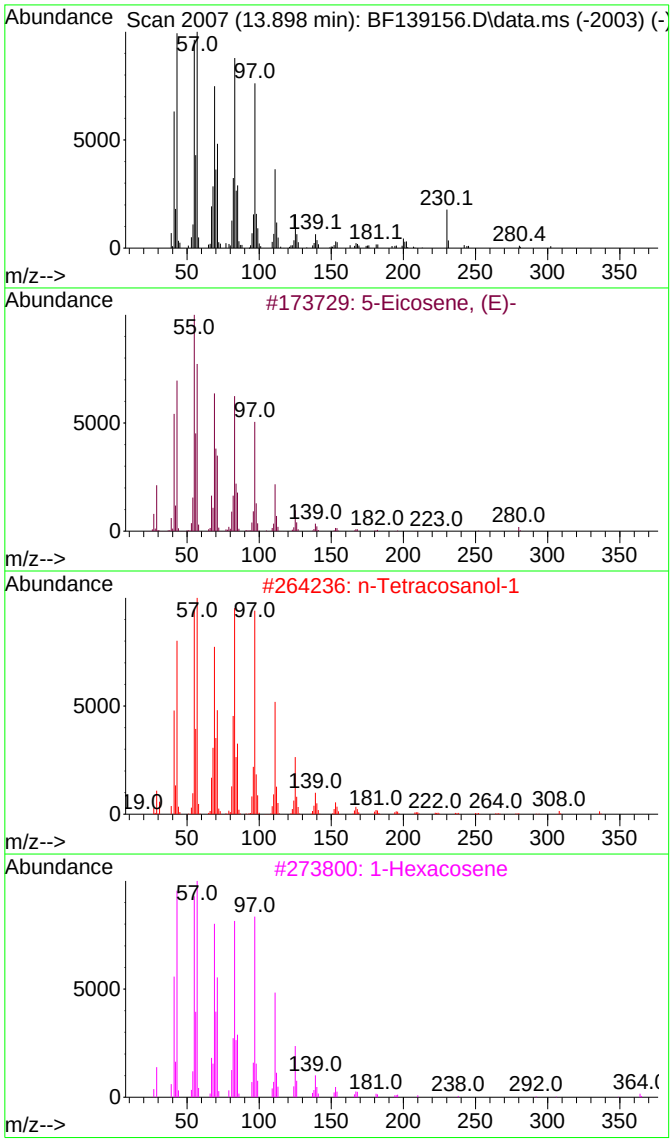
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

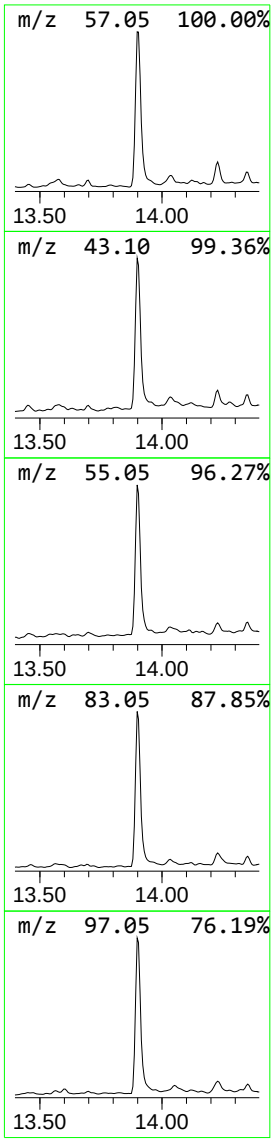
**********

Peak Number 7 5-Eicosene, (E)- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.898 | 7.91 ng | 258502 | Chrysene-d12 | 14.057 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 98 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 3 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 94 |
| 4 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 5 | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

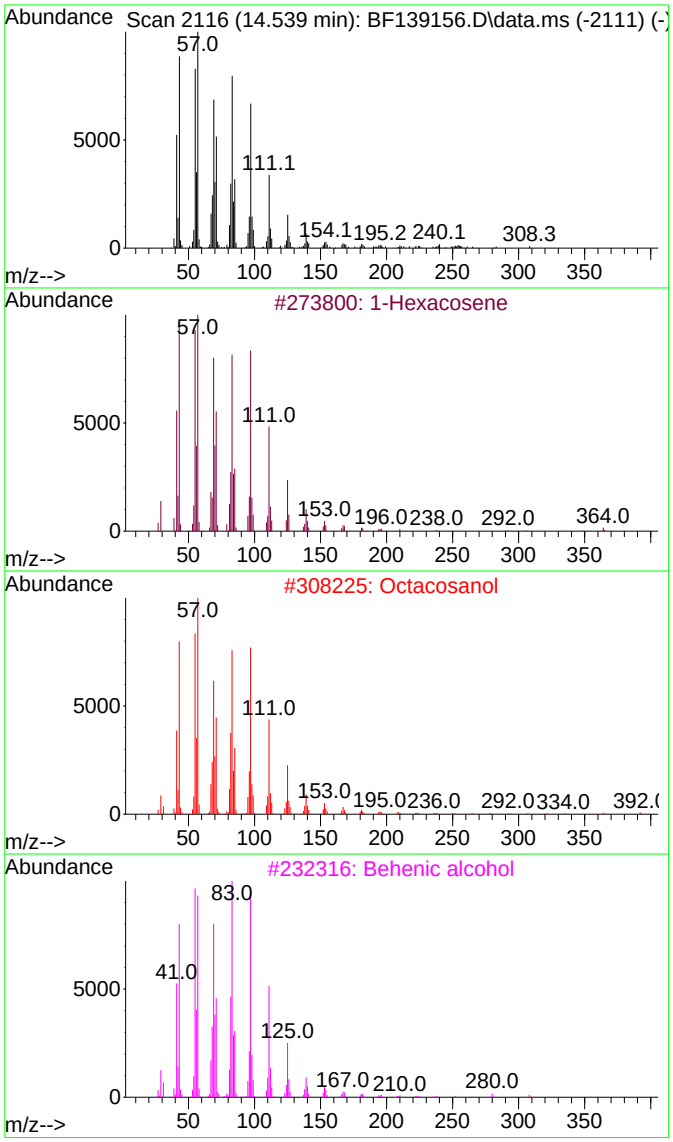
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

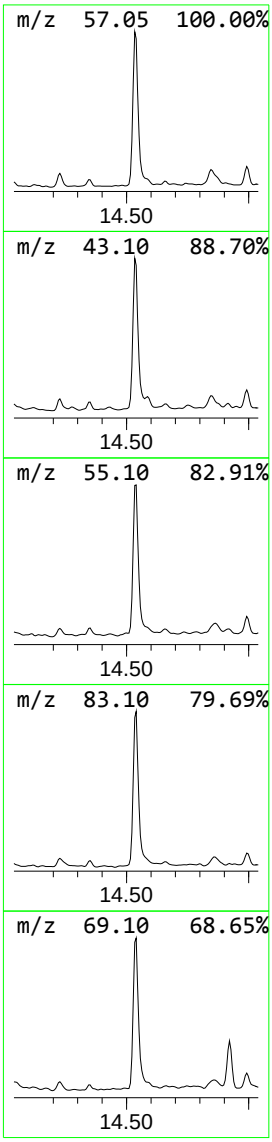
**********

Peak Number 8 1-Hexacosene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.539 | 11.85 ng | 387122 | Chrysene-d12 | 14.057 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 94 |
| 2 | Octacosanol | 410 | C28H58O | 000557-61-9 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 93 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |
| 5 | 1-Hexacosanol | 382 | C26H54O | 000506-52-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

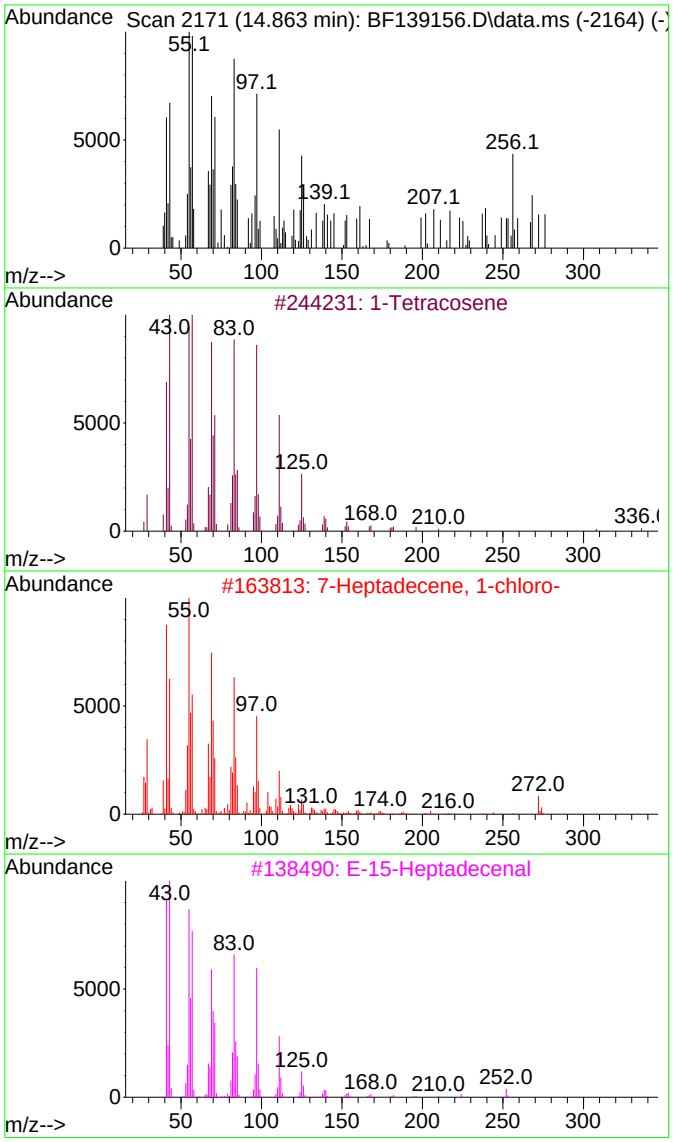
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

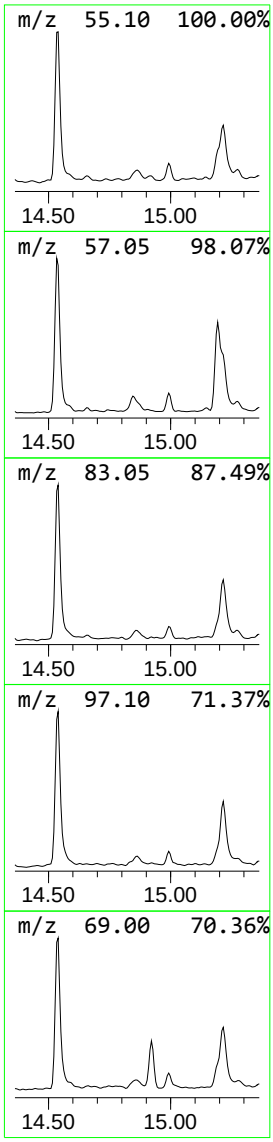
**********

Peak Number 9 1-Tetracosene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.863 | 2.20 ng | 51331 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 53 |
| 2 | 7-Heptadecene, 1-chloro- | 272 | C17H33Cl | 056554-78-0 | 50 |
| 3 | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 50 |
| 4 | E-7-Octadecene | 252 | C18H36 | 1000130-92-0 | 50 |
| 5 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 49 |



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Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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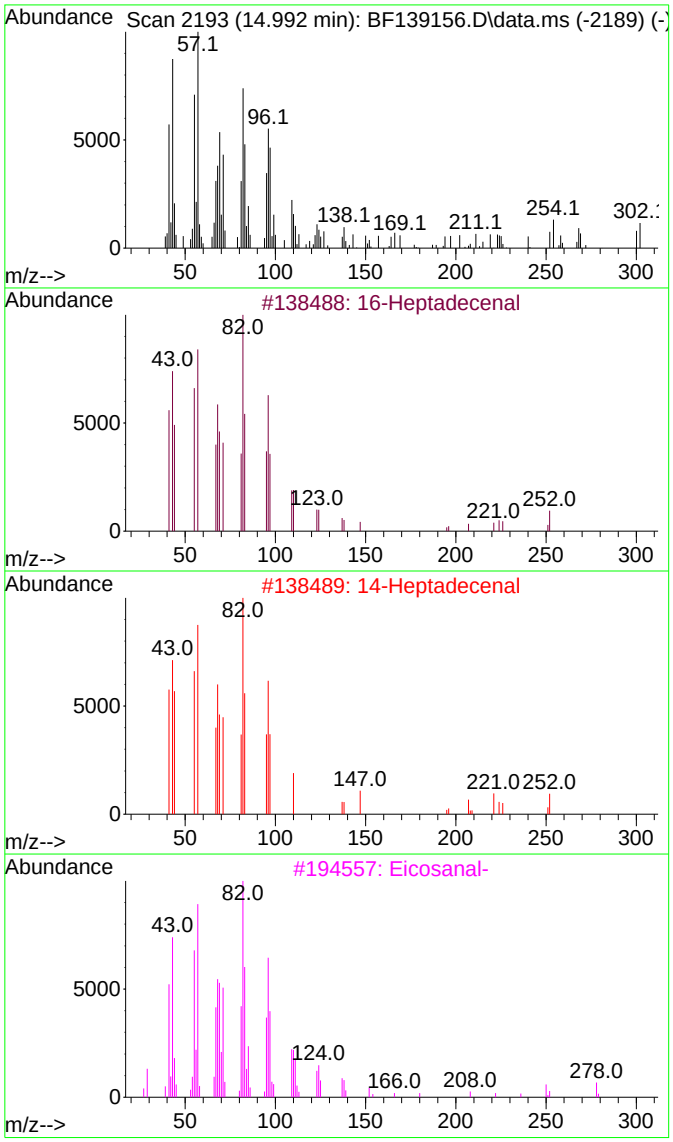
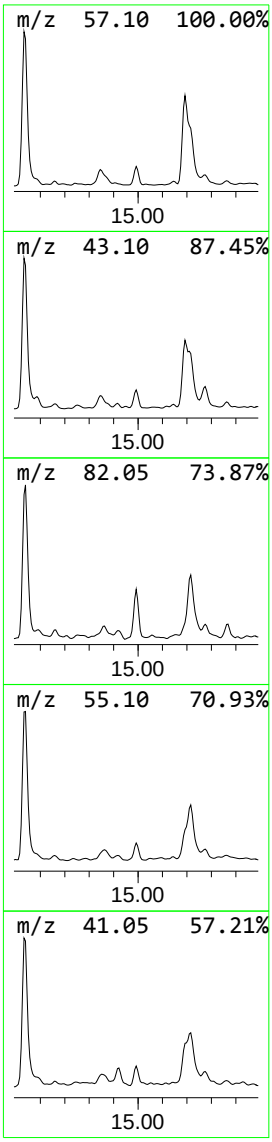
Peak Number 10 16-Heptadecenal Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.992 | 2.11 ng | 49420 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 16-Heptadecenal | 252 | C17H32O | 1010144-57-9 | 86 |
| 2 | 14-Heptadecenal | 252 | C17H32O | 1010144-58-0 | 83 |
| 3 | Eicosanal- | 296 | C20H40O | 002400-66-0 | 81 |
| 4 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 76 |
| 5 | Pentadecanal- | 226 | C15H30O | 002765-11-9 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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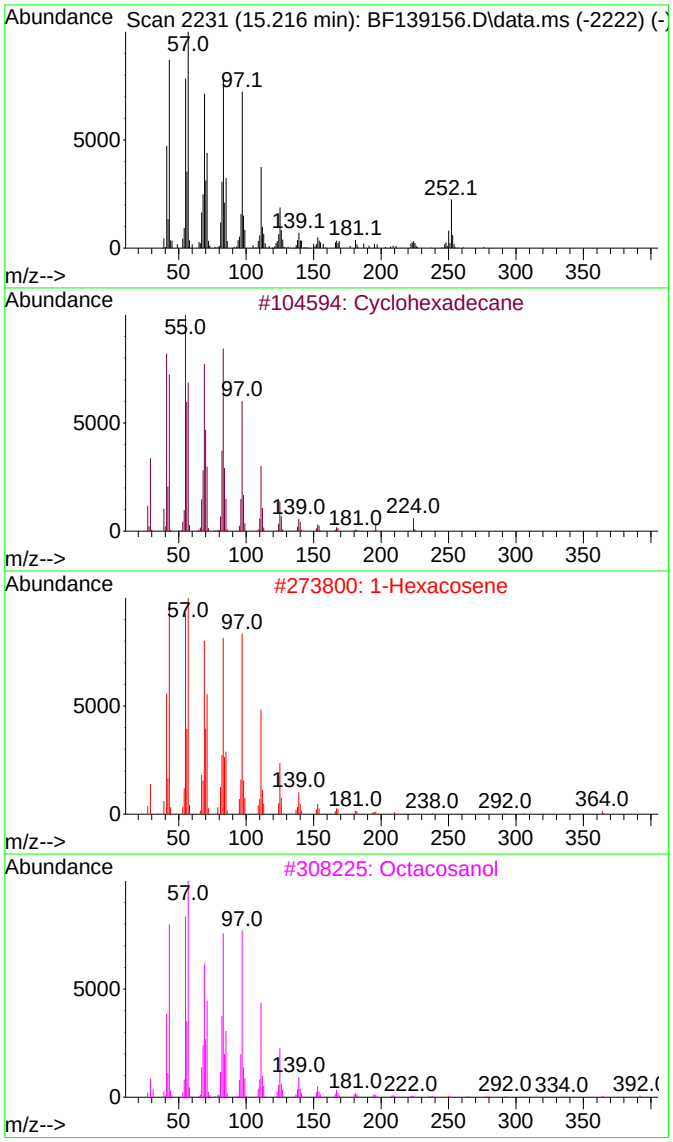
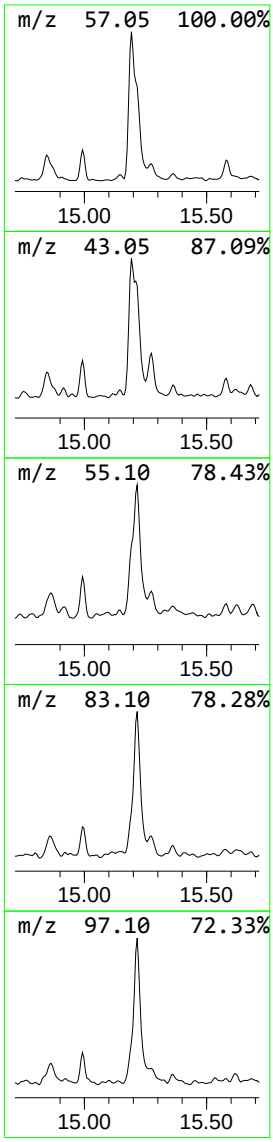
Peak Number 11 Cyclohexadecane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.216 | 12.08 ng | 282410 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 96 |
| 2 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 93 |
| 3 | Octacosanol | 410 | C28H58O | 000557-61-9 | 93 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 93 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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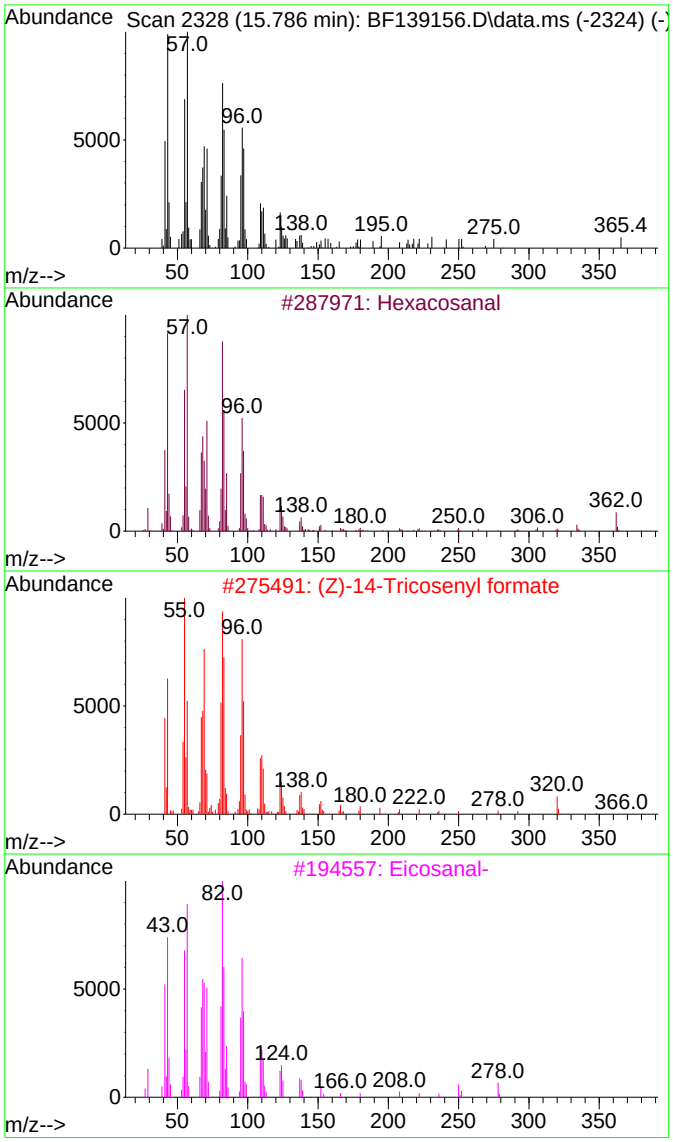
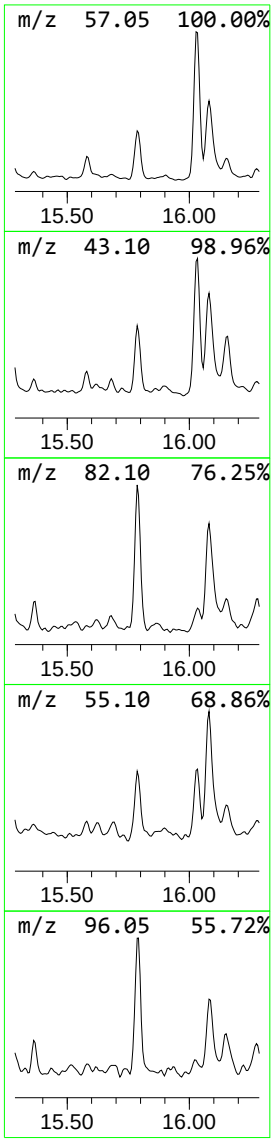
Peak Number 12 Hexacosanal Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.786 | 3.04 ng | 71146 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosanal | 380 | C26H52O | 026627-85-0 | 95 |
| 2 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 90 |
| 3 | Eicosanal- | 296 | C20H40O | 002400-66-0 | 87 |
| 4 | Octadecanal | 268 | C18H36O | 000638-66-4 | 83 |
| 5 | 1,15-Hexadecadiene | 222 | C16H30 | 021964-51-2 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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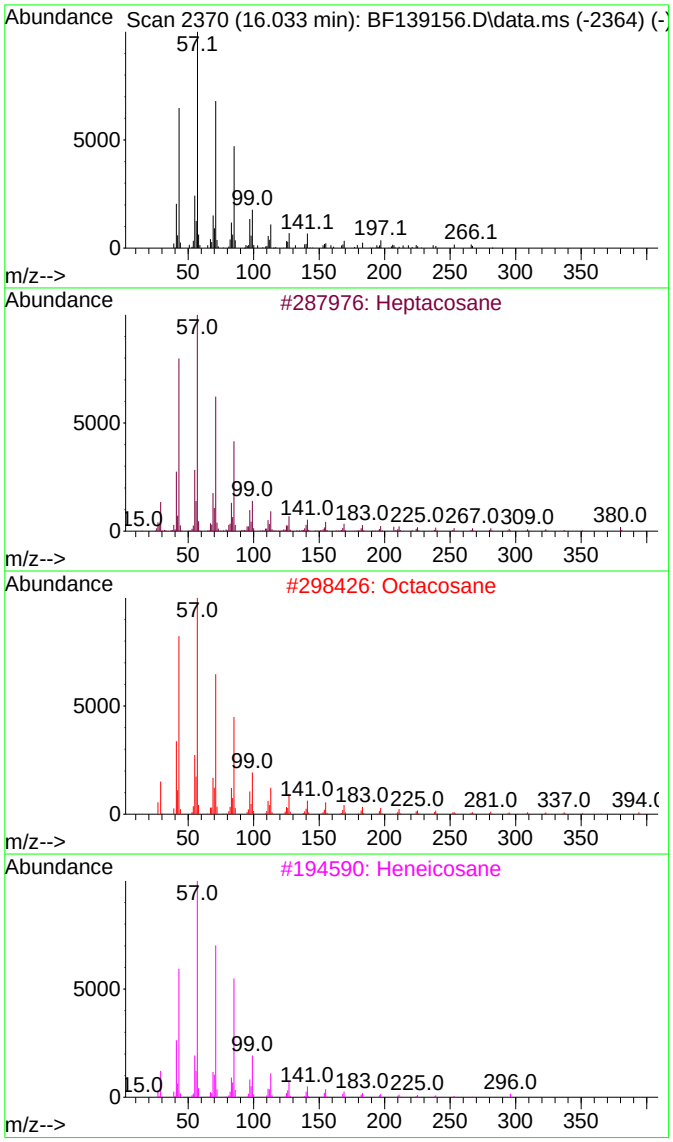
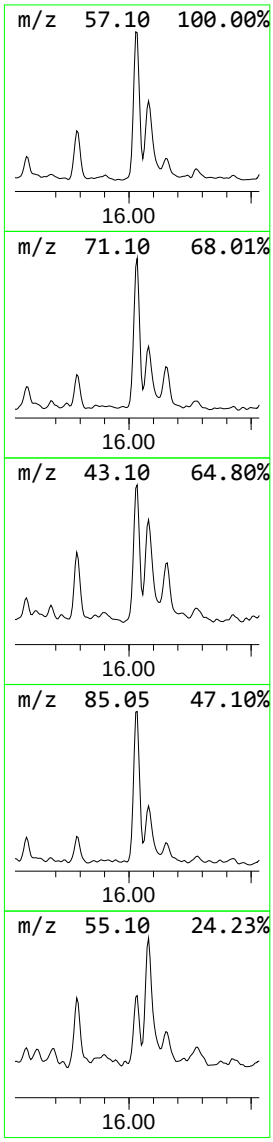
Peak Number 13 Heptacosane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.033 | 5.11 ng | 119333 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 90 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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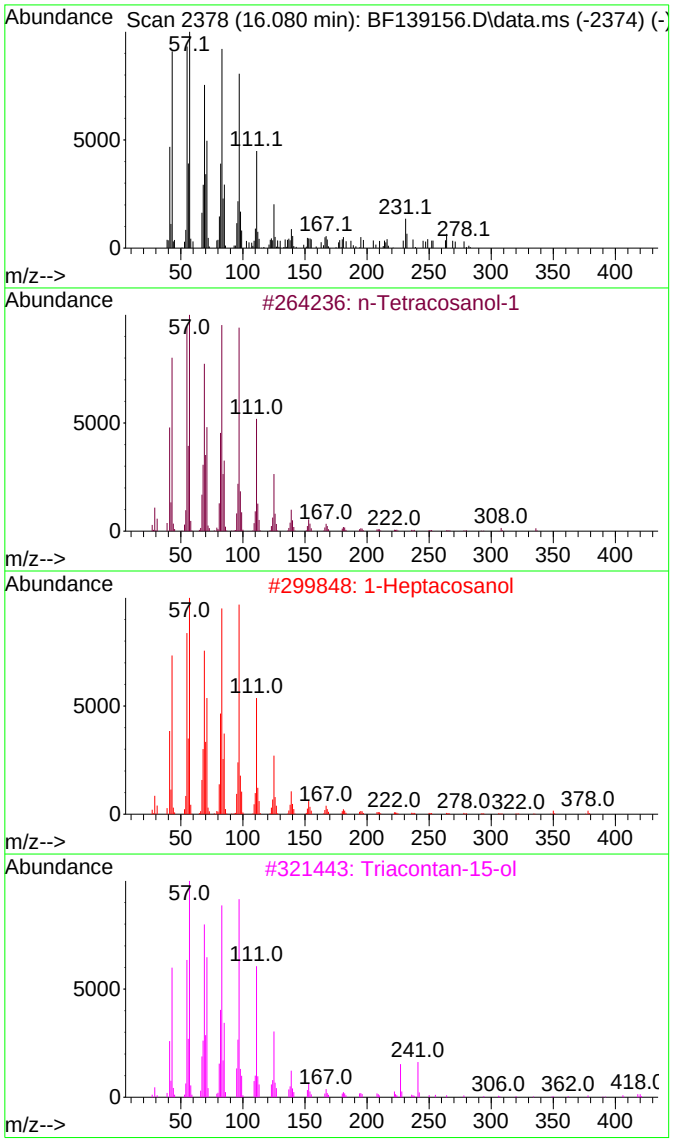
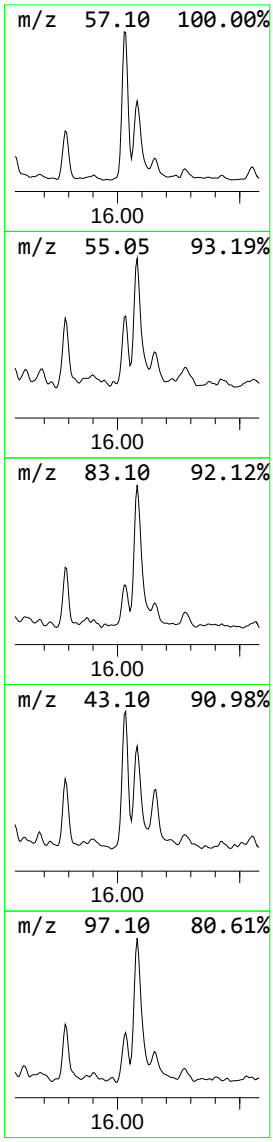
Peak Number 14 n-Tetracosanol-1 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.080 | 6.63 ng | 154930 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 91 |
| 3 | Triacontan-15-ol | 438 | C30H62O | 031849-26-0 | 91 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 5 | 1-Hexacosanol | 382 | C26H54O | 000506-52-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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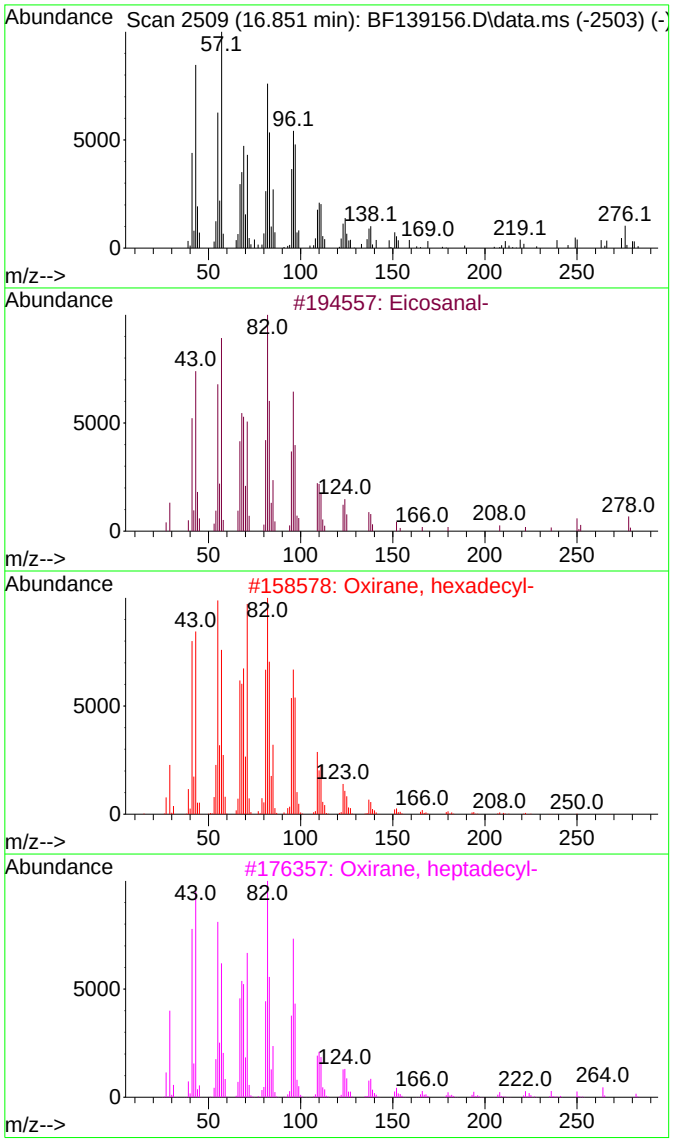
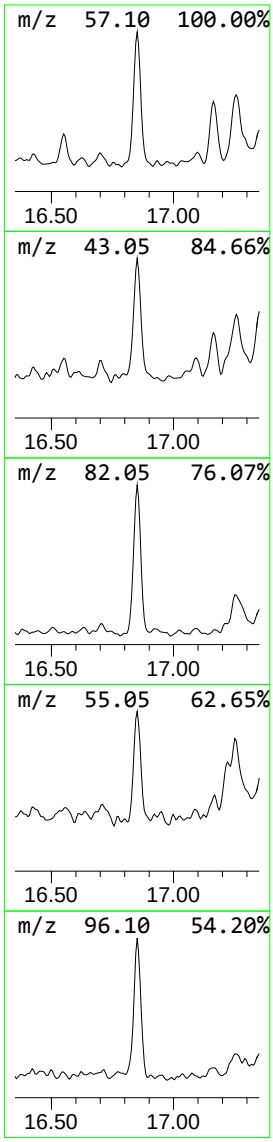
Peak Number 15 Eicosanal- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.851 | 4.85 ng | 113397 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosanal- | 296 | C20H40O | 002400-66-0 | 87 |
| 2 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 87 |
| 3 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 81 |
| 4 | Octadecanal | 268 | C18H36O | 000638-66-4 | 80 |
| 5 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

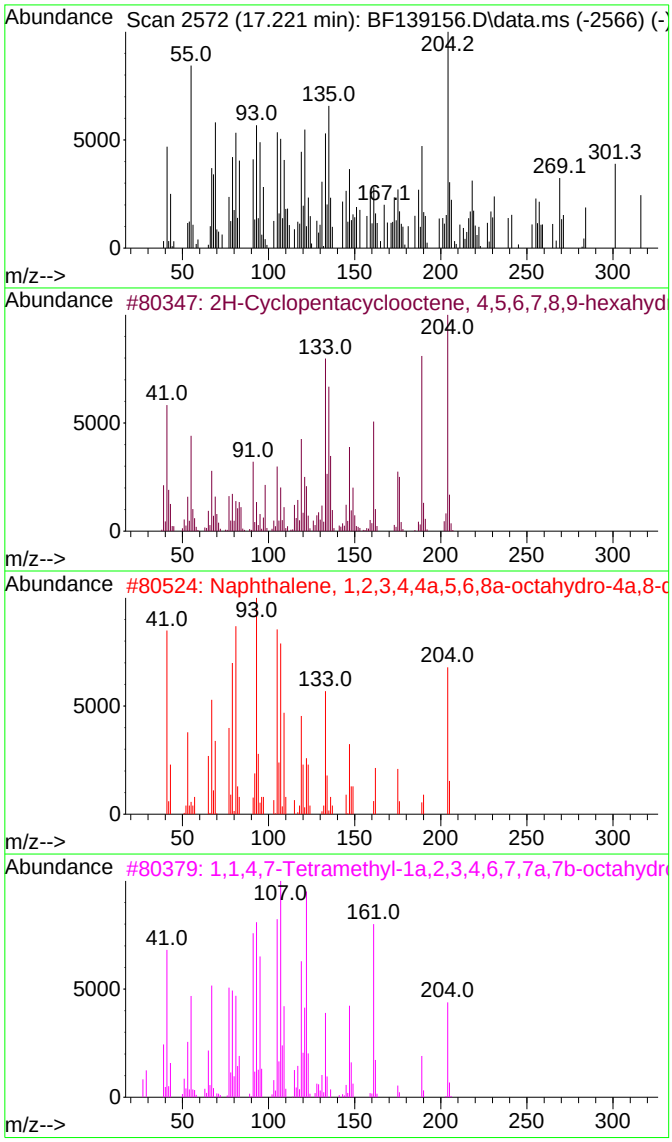
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

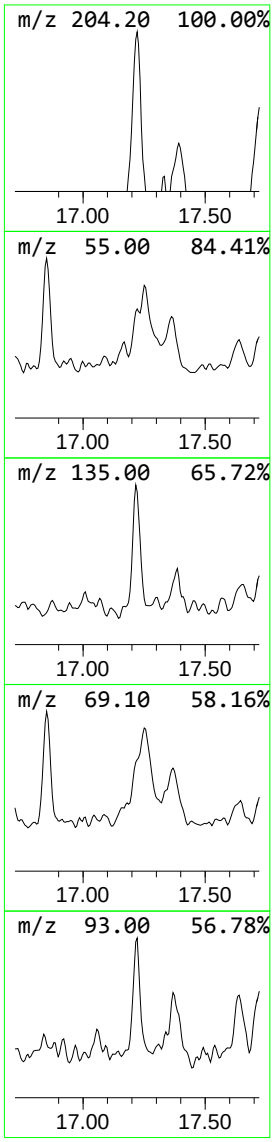
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 2H-Cyclopentacyclooctene, 4... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.221 | 6.60 ng | 154341 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Cyclopentacyclooctene, 4,5,6,... | 204 | C15H24 | 1000221-85-8 | 64 |
| 2 | Naphthalene, 1,2,3,4,4a,5,6,8a-o... | 204 | C15H24 | 000473-13-2 | 64 |
| 3 | 1,1,4,7-Tetramethyl-1a,2,3,4,6,7... | 204 | C15H24 | 405112-35-8 | 55 |
| 4 | 1H-3a,7-Methanoazulene, 2,3,6,7,... | 204 | C15H24 | 000560-32-7 | 55 |
| 5 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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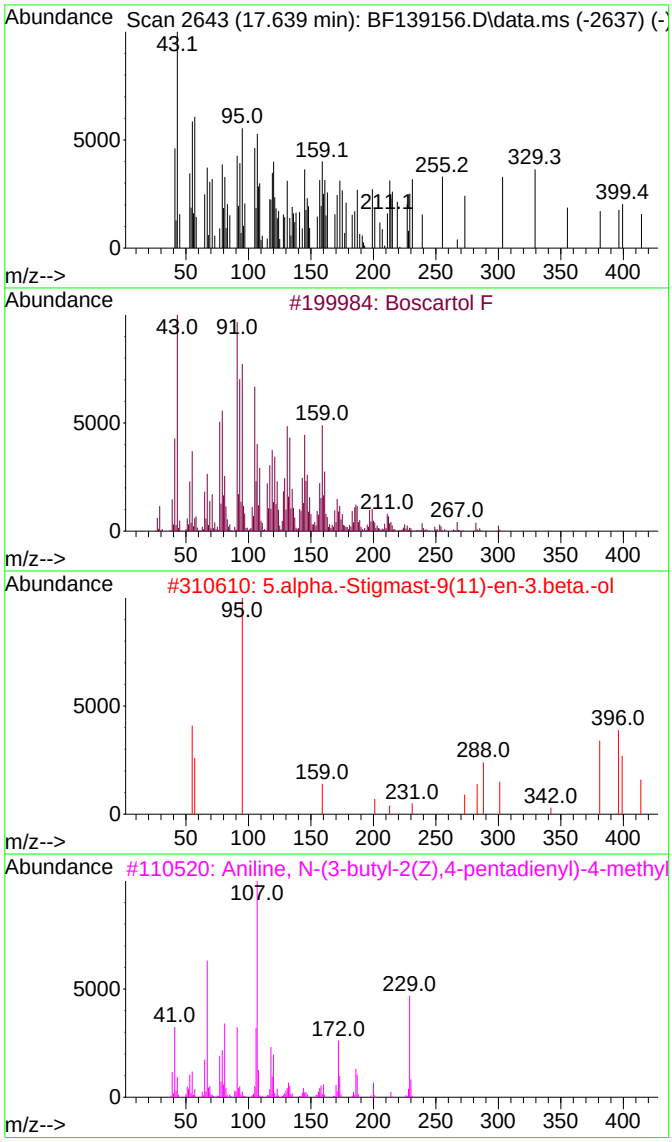
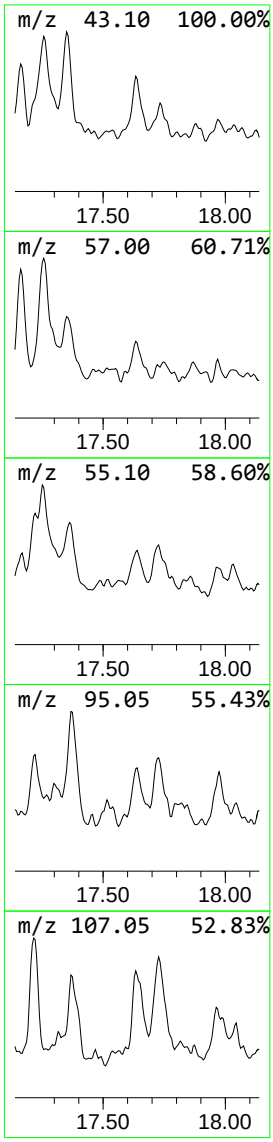
Peak Number 17 unknown17.639 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.639 | 2.72 ng | 63689 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Boscartol F | 300 | C20H28O2 | 1486443-17-7 | 12 |
| 2 | 5.alpha.-Stigmast-9(11)-en-3.bet... | 414 | C29H50O | 077794-81-1 | 11 |
| 3 | Aniline, N-(3-butyl-2(Z),4-penta... | 229 | C16H23N | 1010142-27-7 | 11 |
| 4 | Arnicolide A (isomer 2) | 306 | C17H22O5 | 1000495-69-8 | 10 |
| 5 | 8-Fluoro-2-(trifluoromethyl)-4-q... | 273 | C12H7F4NO2 | 1000463-58-8 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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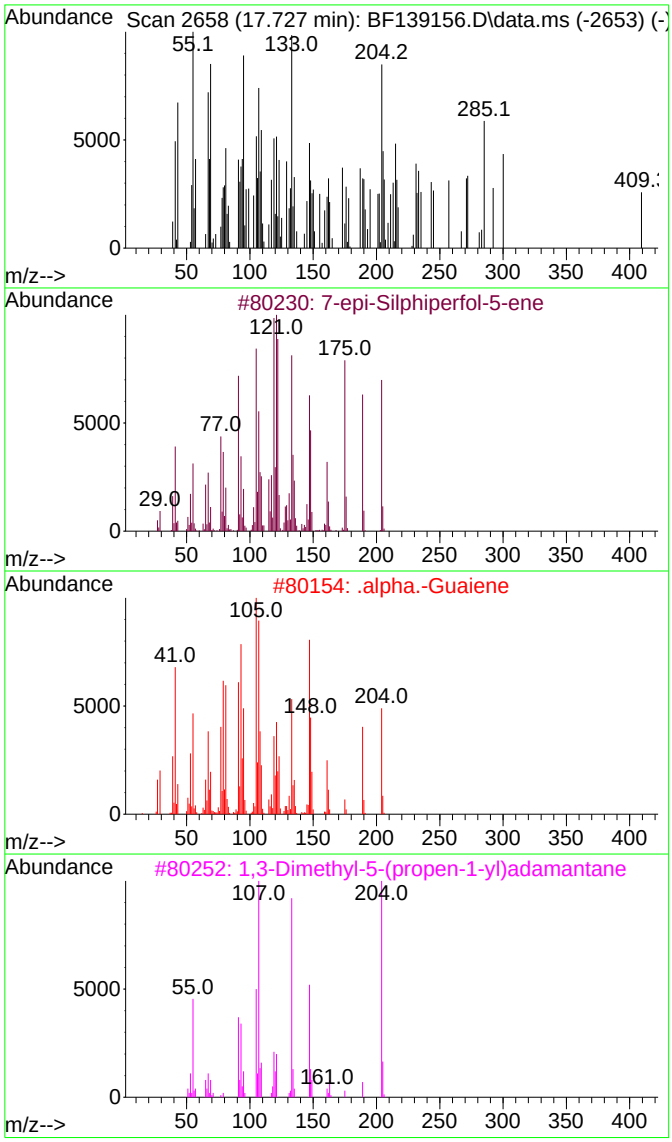
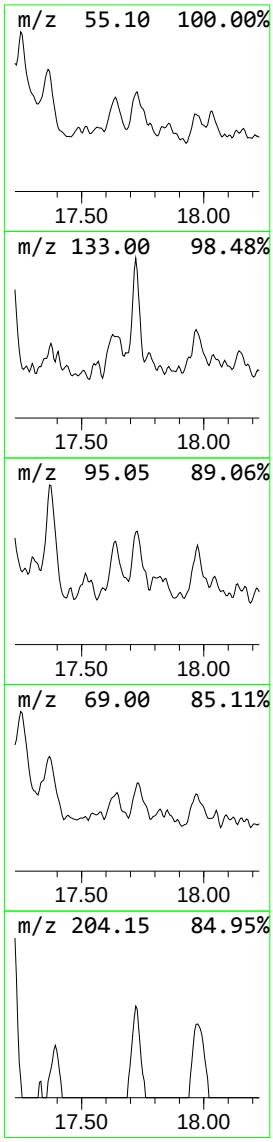
Peak Number 18 unknown17.727 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.727 | 3.28 ng | 76736 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-epi-Silphiperfol-5-ene | 204 | C15H24 | 138752-23-5 | 46 |
| 2 | .alpha.-Guaiene | 204 | C15H24 | 003691-12-1 | 45 |
| 3 | 1,3-Dimethyl-5-(propen-1-yl)adam... | 204 | C15H24 | 057040-48-9 | 43 |
| 4 | (4aS,9aR)-3,5,5,9-Tetramethyl-2,... | 204 | C15H24 | 053111-25-4 | 41 |
| 5 | 1,4-Dimethyl-8-isopropylidenetri... | 204 | C15H24 | 1010140-07-7 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139156.D
Acq On : 23 Aug 2024 19:45
Operator : RC/JU
Sample : P3707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-930-K1-SO-0.5-1-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.193 | 63.9 | ng | 1619310 | 1 | 6.898 | 507249 | 20.0 |
| unknown3.399 | 3.399 | 2.4 | ng | 61901 | 1 | 6.898 | 507249 | 20.0 |
| 2-Pentanone, 4-... | 5.110 | 4.3 | ng | 108288 | 1 | 6.898 | 507249 | 20.0 |
| Eucalyptol | 7.051 | 2.6 | ng | 64930 | 1 | 6.898 | 507249 | 20.0 |
| 1-Phenoxypropan... | 8.487 | 2.5 | ng | 79510 | 2 | 8.175 | 626915 | 20.0 |
| n-Hexadecanoic ... | 11.939 | 5.2 | ng | 136288 | 4 | 11.416 | 522446 | 20.0 |
| 5-Eicosene, (E)- | 13.898 | 7.9 | ng | 258502 | 5 | 14.057 | 653562 | 20.0 |
| 1-Hexacosene | 14.539 | 11.9 | ng | 387122 | 5 | 14.057 | 653562 | 20.0 |
| 1-Tetracosene | 14.863 | 2.2 | ng | 51331 | 6 | 15.533 | 467451 | 20.0 |
| 16-Heptadecenal | 14.992 | 2.1 | ng | 49420 | 6 | 15.533 | 467451 | 20.0 |
| Cyclohexadecane | 15.216 | 12.1 | ng | 282410 | 6 | 15.533 | 467451 | 20.0 |
| Hexacosanal | 15.786 | 3.0 | ng | 71146 | 6 | 15.533 | 467451 | 20.0 |
| Heptacosane | 16.033 | 5.1 | ng | 119333 | 6 | 15.533 | 467451 | 20.0 |
| n-Tetracosanol-1 | 16.080 | 6.6 | ng | 154930 | 6 | 15.533 | 467451 | 20.0 |
| Eicosanal- | 16.851 | 4.8 | ng | 113397 | 6 | 15.533 | 467451 | 20.0 |
| 2H-Cyclopentacy... | 17.221 | 6.6 | ng | 154341 | 6 | 15.533 | 467451 | 20.0 |
| unknown17.639 | 17.639 | 2.7 | ng | 63689 | 6 | 15.533 | 467451 | 20.0 |
| unknown17.727 | 17.727 | 3.3 | ng | 76736 | 6 | 15.533 | 467451 | 20.0 |