LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

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_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009145.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.393 | 402 | 409 | 439 | rBV | 3366188 | 5796738 | 52.39% | 8.493% |
| 2 | 6.987 | 665 | 680 | 697 | rBV | 2877171 | 5726482 | 51.76% | 8.391% |
| 3 | 7.416 | 747 | 753 | 761 | rBV | 171979 | 275085 | 2.49% | 0.403% |
| 4 | 7.793 | 807 | 817 | 825 | rBV | 763710 | 1425332 | 12.88% | 2.088% |
| 5 | 8.069 | 856 | 864 | 871 | rVB3 | 50192 | 122954 | 1.11% | 0.180% |
| 6 | 8.334 | 897 | 909 | 914 | rBV5 | 77690 | 250295 | 2.26% | 0.367% |
| 7 | 8.446 | 921 | 928 | 932 | rBV3 | 88081 | 221150 | 2.00% | 0.324% |
| 8 | 8.552 | 941 | 946 | 950 | rBV | 87468 | 148379 | 1.34% | 0.217% |
| 9 | 8.893 | 993 | 1004 | 1008 | rBV3 | 123712 | 287332 | 2.60% | 0.421% |
| 10 | 8.957 | 1008 | 1015 | 1021 | rVV | 2020391 | 3783714 | 34.20% | 5.544% |
| 11 | 9.016 | 1021 | 1025 | 1035 | rVB | 560352 | 943971 | 8.53% | 1.383% |
| 12 | 9.146 | 1042 | 1047 | 1053 | rVB4 | 110047 | 231805 | 2.10% | 0.340% |
| 13 | 9.434 | 1090 | 1096 | 1100 | rBV3 | 69851 | 129165 | 1.17% | 0.189% |
| 14 | 9.499 | 1100 | 1107 | 1113 | rVB3 | 87421 | 237016 | 2.14% | 0.347% |
| 15 | 9.763 | 1148 | 1152 | 1156 | rBV3 | 68583 | 122591 | 1.11% | 0.180% |
| 16 | 9.869 | 1161 | 1170 | 1174 | rVB3 | 94537 | 228366 | 2.06% | 0.335% |
| 17 | 9.940 | 1177 | 1182 | 1186 | rBV3 | 105175 | 167801 | 1.52% | 0.246% |
| 18 | 9.993 | 1186 | 1191 | 1193 | rBV3 | 106791 | 192545 | 1.74% | 0.282% |
| 19 | 10.122 | 1208 | 1213 | 1216 | rBV | 85880 | 131435 | 1.19% | 0.193% |
| 20 | 10.216 | 1226 | 1229 | 1236 | rVB | 90825 | 150318 | 1.36% | 0.220% |
| 21 | 10.287 | 1236 | 1241 | 1245 | rBV2 | 62285 | 116911 | 1.06% | 0.171% |
| 22 | 10.587 | 1281 | 1292 | 1299 | rBV2 | 952493 | 2697284 | 24.38% | 3.952% |
| 23 | 10.704 | 1308 | 1312 | 1316 | rVV3 | 79205 | 118733 | 1.07% | 0.174% |
| 24 | 10.752 | 1316 | 1320 | 1325 | rVB | 221190 | 331068 | 2.99% | 0.485% |
| 25 | 10.810 | 1325 | 1330 | 1337 | rVB3 | 73250 | 134823 | 1.22% | 0.198% |
| 26 | 10.999 | 1353 | 1362 | 1366 | rBV7 | 48838 | 138463 | 1.25% | 0.203% |
| 27 | 11.352 | 1420 | 1422 | 1430 | rVB4 | 68911 | 126182 | 1.14% | 0.185% |
| 28 | 11.434 | 1430 | 1436 | 1442 | rBV6 | 109576 | 216983 | 1.96% | 0.318% |
| 29 | 11.510 | 1443 | 1449 | 1456 | rVB2 | 159415 | 320993 | 2.90% | 0.470% |
| 30 | 11.616 | 1462 | 1467 | 1477 | rBV3 | 274887 | 598267 | 5.41% | 0.877% |
| 31 | 11.781 | 1490 | 1495 | 1503 | rVB2 | 184146 | 311551 | 2.82% | 0.456% |
| 32 | 12.016 | 1529 | 1535 | 1541 | rBV | 728044 | 1071991 | 9.69% | 1.571% |
| 33 | 12.140 | 1553 | 1556 | 1562 | rVB3 | 114423 | 201387 | 1.82% | 0.295% |
| 34 | 12.504 | 1614 | 1618 | 1623 | rVB3 | 161687 | 244254 | 2.21% | 0.358% |
| 35 | 12.693 | 1647 | 1650 | 1658 | rVB4 | 70503 | 149462 | 1.35% | 0.219% |
| 36 | 12.763 | 1658 | 1662 | 1668 | rBV6 | 86182 | 167198 | 1.51% | 0.245% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

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_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.828 | 1669 | 1673 | 1678 | rVB3 | 90348 | 135770 | 1.23% | 0.199% |
| 38 | 12.916 | 1684 | 1688 | 1693 | rBV4 | 120228 | 217872 | 1.97% | 0.319% |
| 39 | 12.975 | 1693 | 1698 | 1703 | rVB3 | 239846 | 387195 | 3.50% | 0.567% |
| 40 | 13.057 | 1705 | 1712 | 1722 | rVV | 4793330 | 7670765 | 69.33% | 11.239% |
| 41 | 13.257 | 1740 | 1746 | 1754 | rVB | 601390 | 928780 | 8.39% | 1.361% |
| 42 | 13.916 | 1856 | 1858 | 1862 | rVB2 | 122133 | 141259 | 1.28% | 0.207% |
| 43 | 13.957 | 1862 | 1865 | 1871 | rVB2 | 99490 | 135291 | 1.22% | 0.198% |
| 44 | 14.334 | 1924 | 1929 | 1934 | rBV | 452515 | 627386 | 5.67% | 0.919% |
| 45 | 14.434 | 1938 | 1946 | 1954 | rVV | 1094862 | 1802075 | 16.29% | 2.640% |
| 46 | 14.957 | 2032 | 2035 | 2044 | rVB4 | 73581 | 116398 | 1.05% | 0.171% |
| 47 | 15.292 | 2087 | 2092 | 2096 | rVB | 222629 | 304748 | 2.75% | 0.447% |
| 48 | 15.934 | 2194 | 2201 | 2223 | rBV | 3042530 | 5395462 | 48.77% | 7.906% |
| 49 | 16.157 | 2235 | 2239 | 2247 | rVB | 137457 | 271033 | 2.45% | 0.397% |
| 50 | 17.004 | 2380 | 2383 | 2393 | rVB2 | 66105 | 119331 | 1.08% | 0.175% |
| 51 | 17.192 | 2409 | 2415 | 2420 | rBV | 1356428 | 2026150 | 18.31% | 2.969% |
| 52 | 17.234 | 2420 | 2422 | 2430 | rVV | 281475 | 425047 | 3.84% | 0.623% |
| 53 | 17.334 | 2434 | 2439 | 2445 | rVB | 88931 | 149961 | 1.36% | 0.220% |
| 54 | 18.086 | 2564 | 2567 | 2580 | rVB3 | 196303 | 416883 | 3.77% | 0.611% |
| 55 | 19.210 | 2753 | 2758 | 2764 | rBV | 564088 | 803938 | 7.27% | 1.178% |
| 56 | 19.328 | 2774 | 2778 | 2788 | rBV4 | 102862 | 209339 | 1.89% | 0.307% |
| 57 | 19.539 | 2810 | 2814 | 2815 | rBV2 | 159794 | 200868 | 1.82% | 0.294% |
| 58 | 19.563 | 2815 | 2818 | 2827 | rVB | 484314 | 696763 | 6.30% | 1.021% |
| 59 | 19.757 | 2845 | 2851 | 2861 | rBV | 9096552 | 11063806 | 100.00% | 16.211% |
| 60 | 20.992 | 3058 | 3061 | 3070 | rVB2 | 433088 | 584882 | 5.29% | 0.857% |
| 61 | 21.292 | 3106 | 3112 | 3116 | rBV | 2186452 | 3180719 | 28.75% | 4.660% |
| 62 | 23.680 | 3513 | 3518 | 3526 | rVB2 | 1351127 | 2719399 | 24.58% | 3.985% |

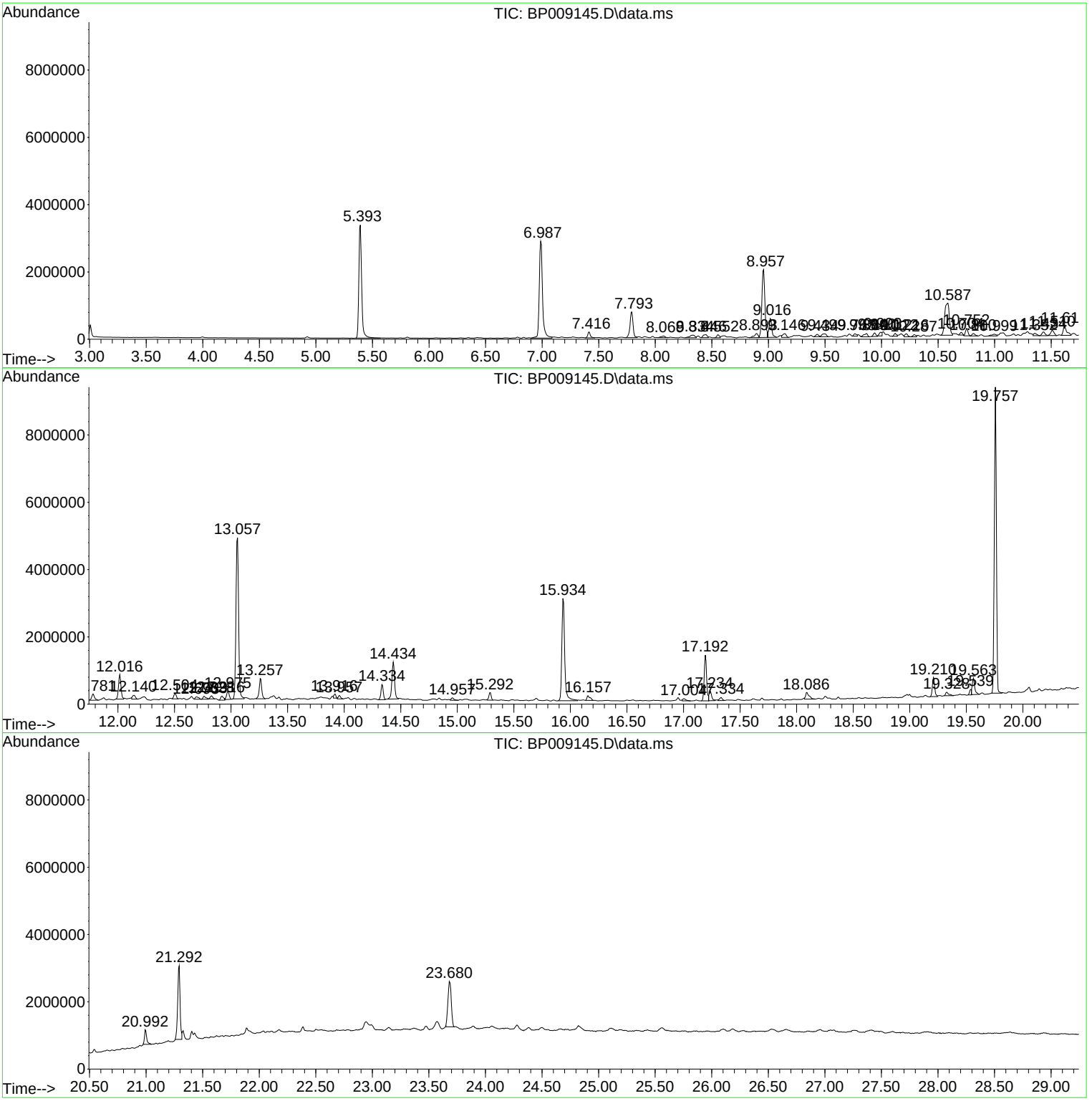
Sum of corrected areas: 68249144

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

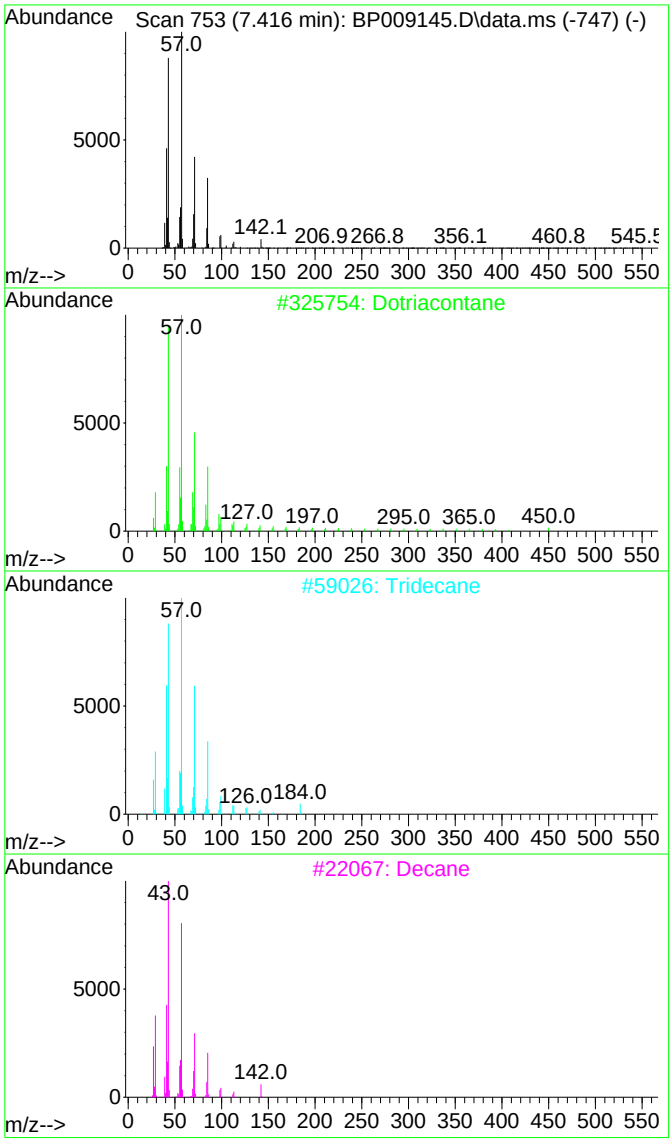
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

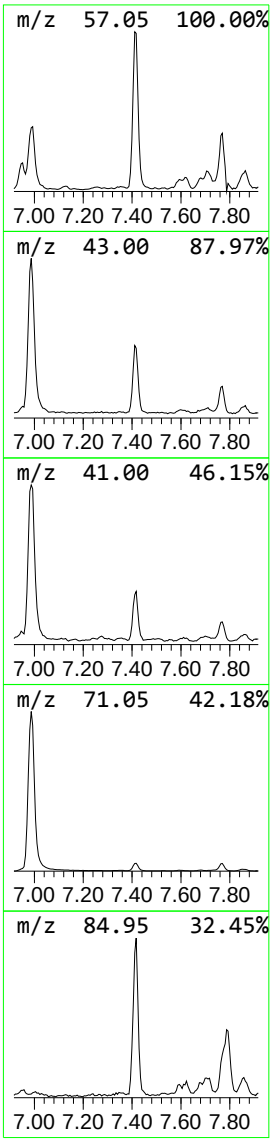
**********

Peak Number 1 Dotriacontane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.416 | 3.86 ng | 275085 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 90 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 90 |
| 4 | Dodecane | 170 | C12H26 | 000112-40-3 | 83 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

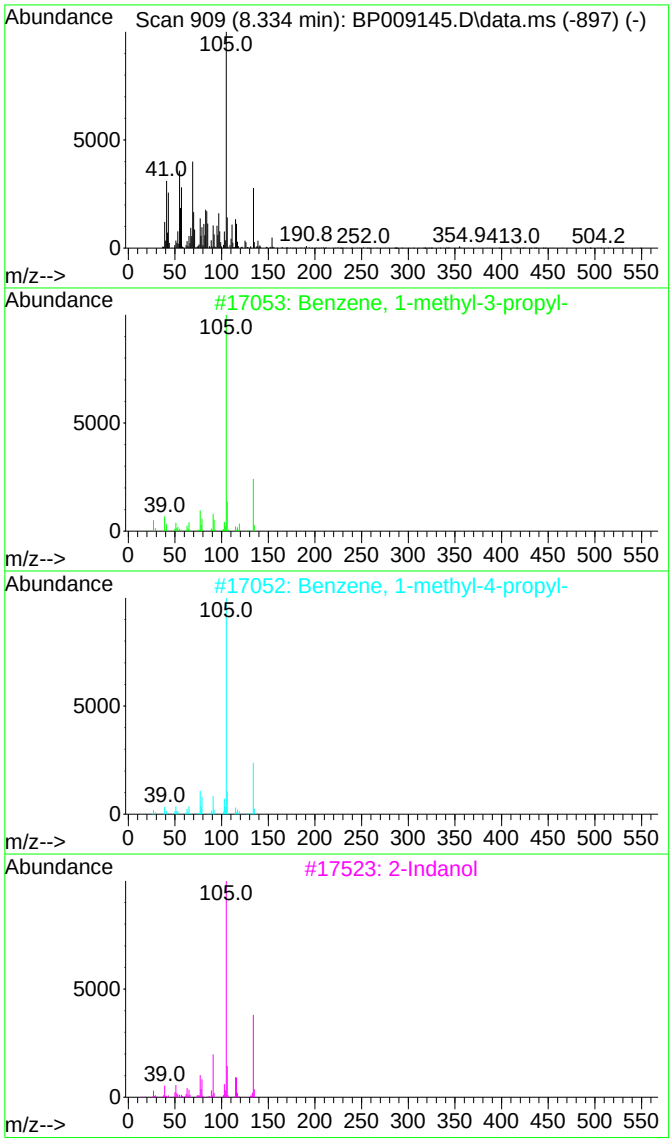
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

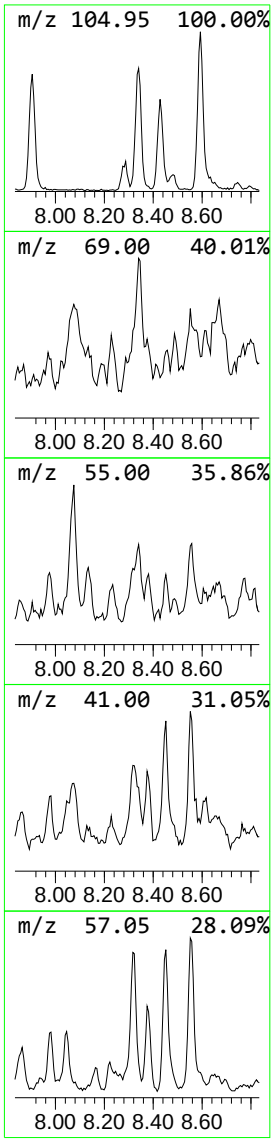
**********

Peak Number 2 unknown8.334 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.334 | 3.51 ng | 250295 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 46 |
| 2 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 46 |
| 3 | 2-Indanol | 134 | C9H10O | 004254-29-9 | 45 |
| 4 | 1(3H)-Isobenzofuranone | 134 | C8H6O2 | 000087-41-2 | 38 |
| 5 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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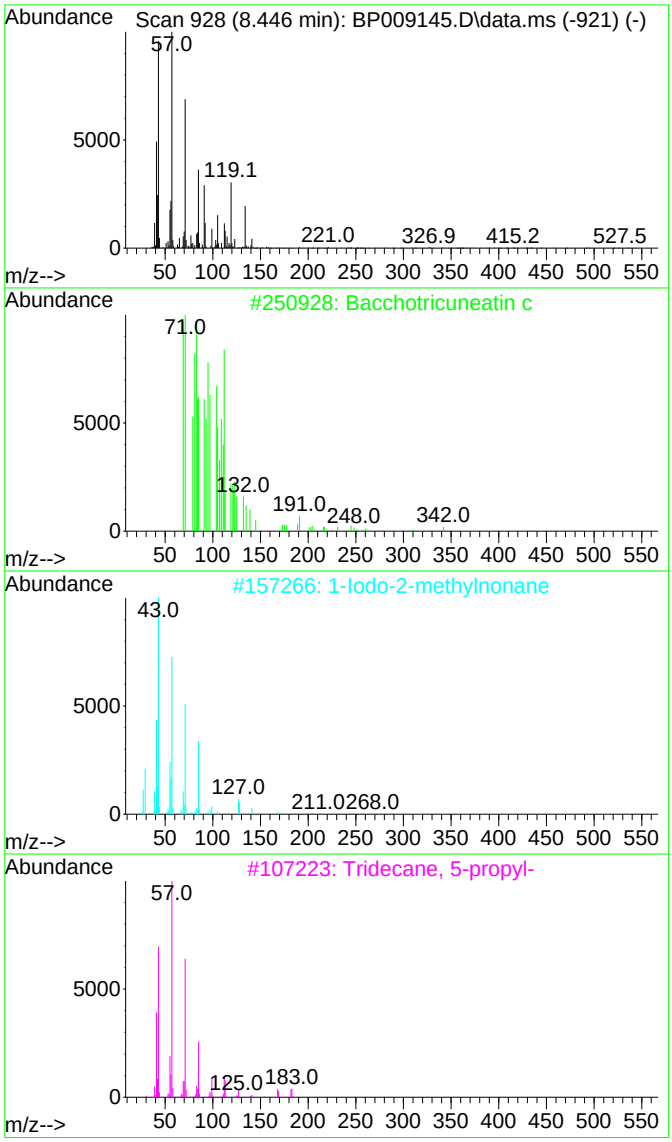
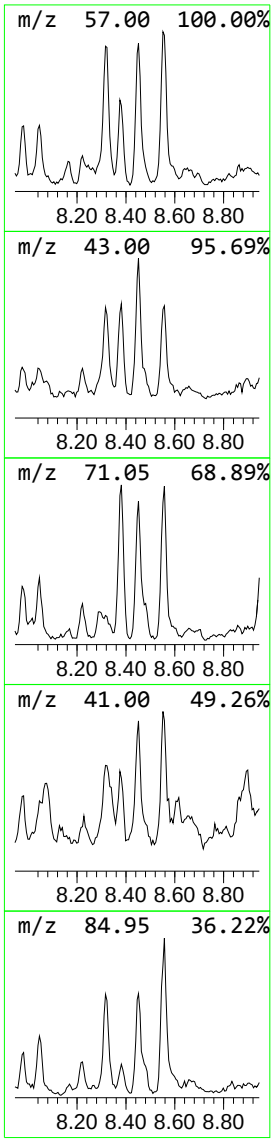
Peak Number 3 Bacchotricuneatin c Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.446 | 3.10 ng | 221150 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 64 |
| 2 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 60 |
| 3 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 55 |
| 4 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 53 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

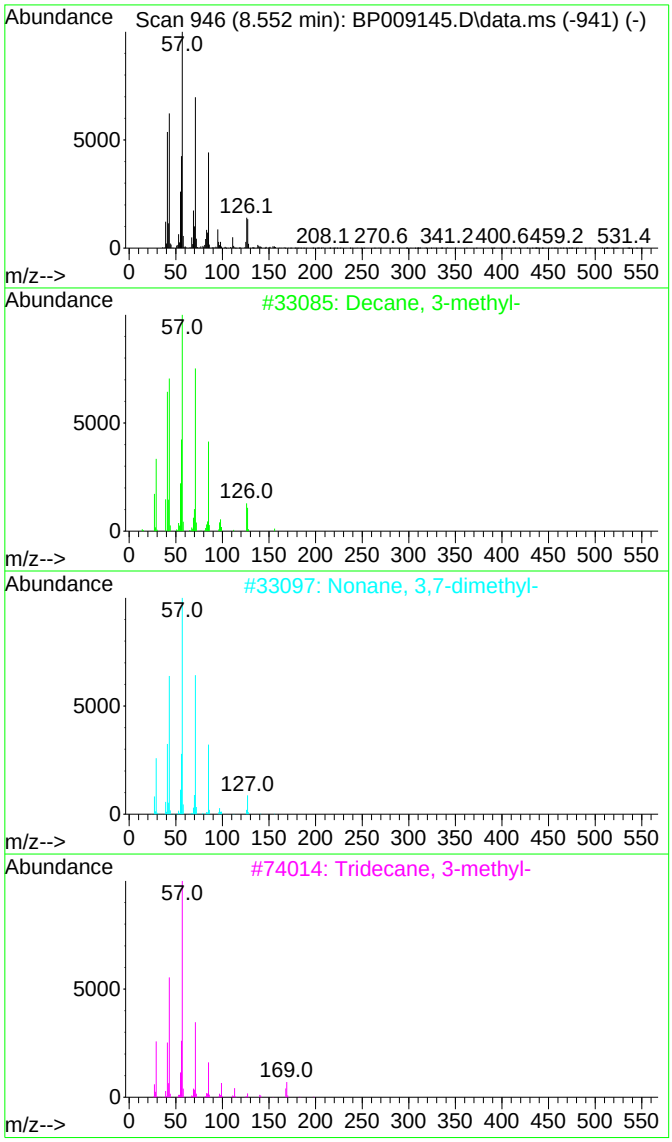
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

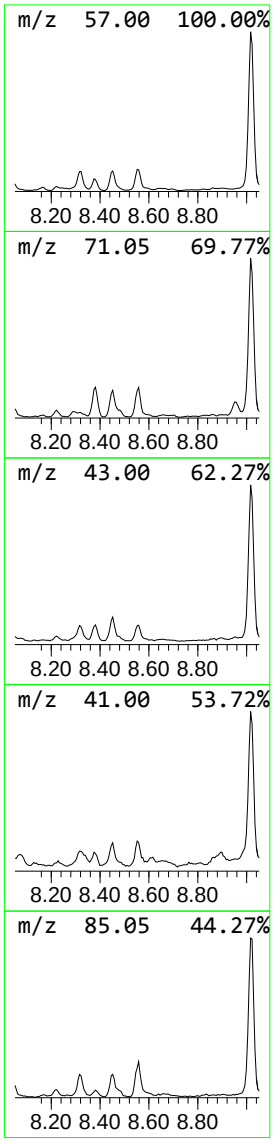
**********

Peak Number 4 Decane, 3-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.552 | 2.08 ng | 148379 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 91 |
| 2 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 59 |
| 3 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 59 |
| 4 | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 53 |
| 5 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

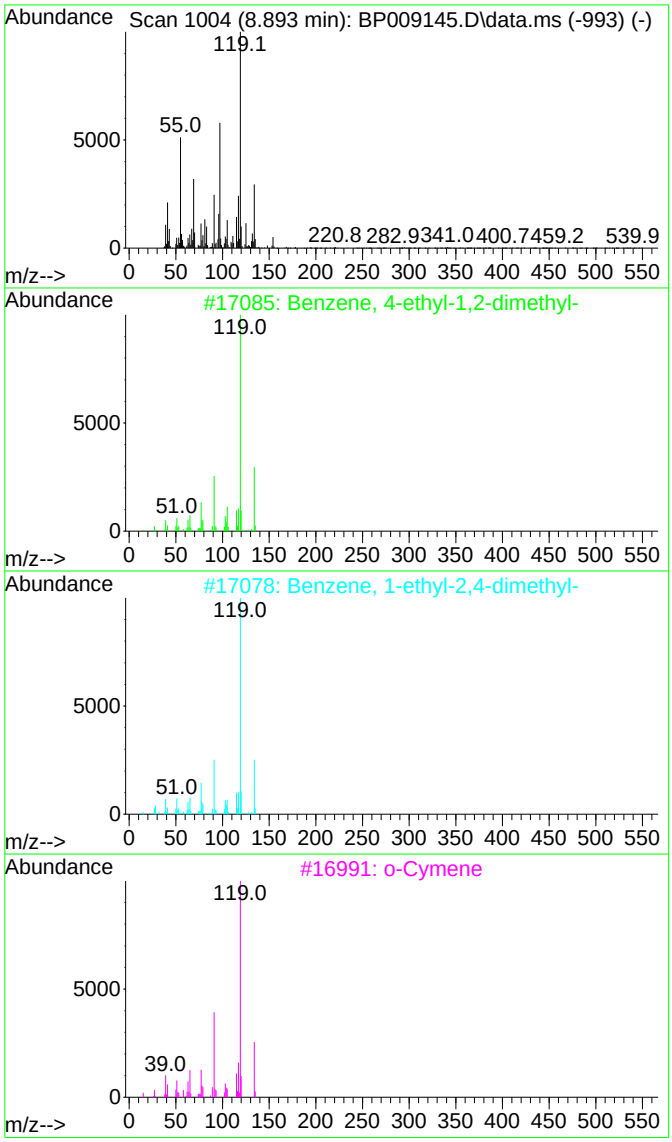
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

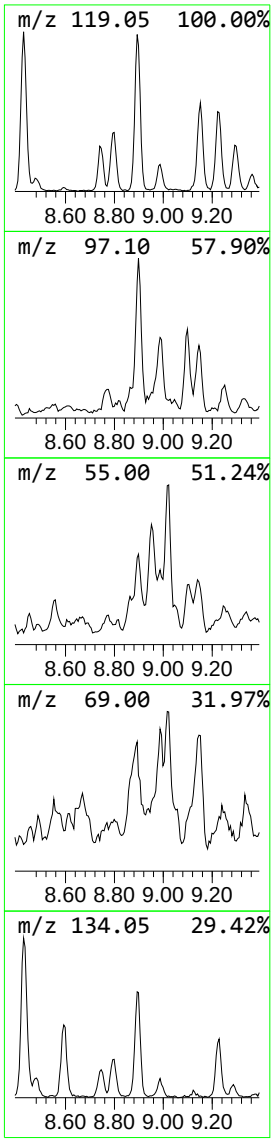
**********

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.893 | 4.03 ng | 287332 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 90 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 87 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 60 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 55 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

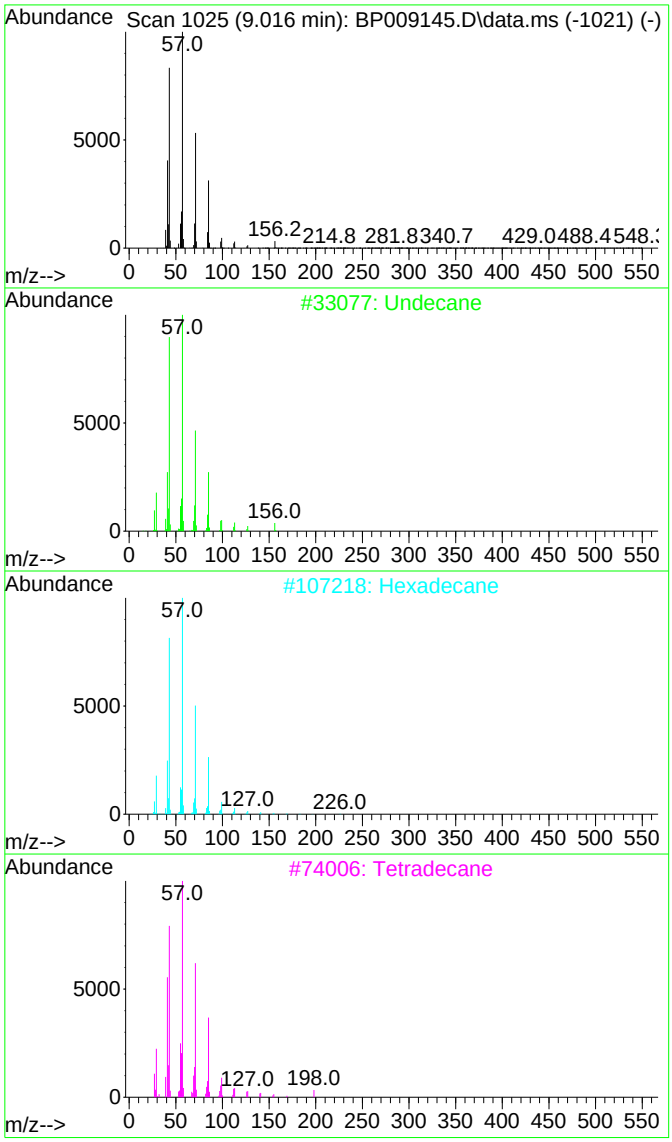
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

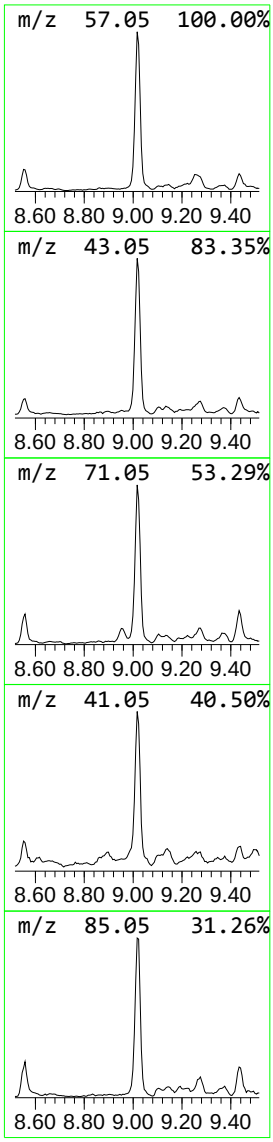
**********

Peak Number 6 Undecane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.016 | 13.25 ng | 943971 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 91 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 83 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 78 |
| 5 | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

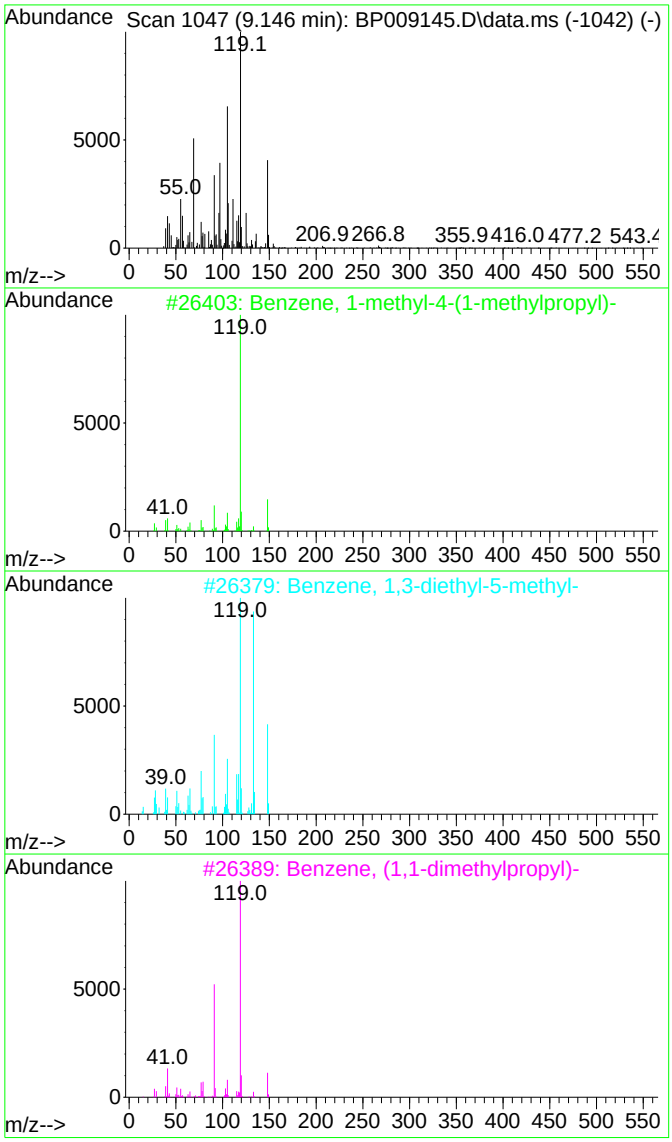
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

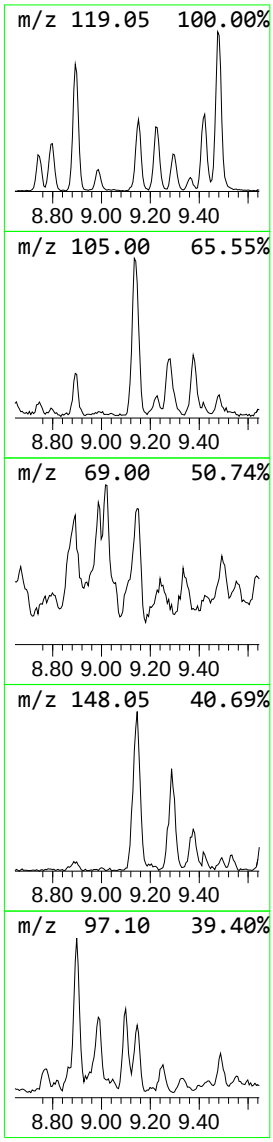
**********

Peak Number 7 unknown9.146 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.146 | 3.25 ng | 231805 | 1,4-Dichlorobenzene-d4 | 7.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 46 |
| 2 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 46 |
| 3 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 46 |
| 4 | Benzoic acid, 2,4-dimethyl-, (2,... | 268 | C18H20O2 | 055000-43-6 | 42 |
| 5 | 1,3,5-Cycloheptatriene, 3,7,7-tr... | 134 | C10H14 | 003479-89-8 | 30 |



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Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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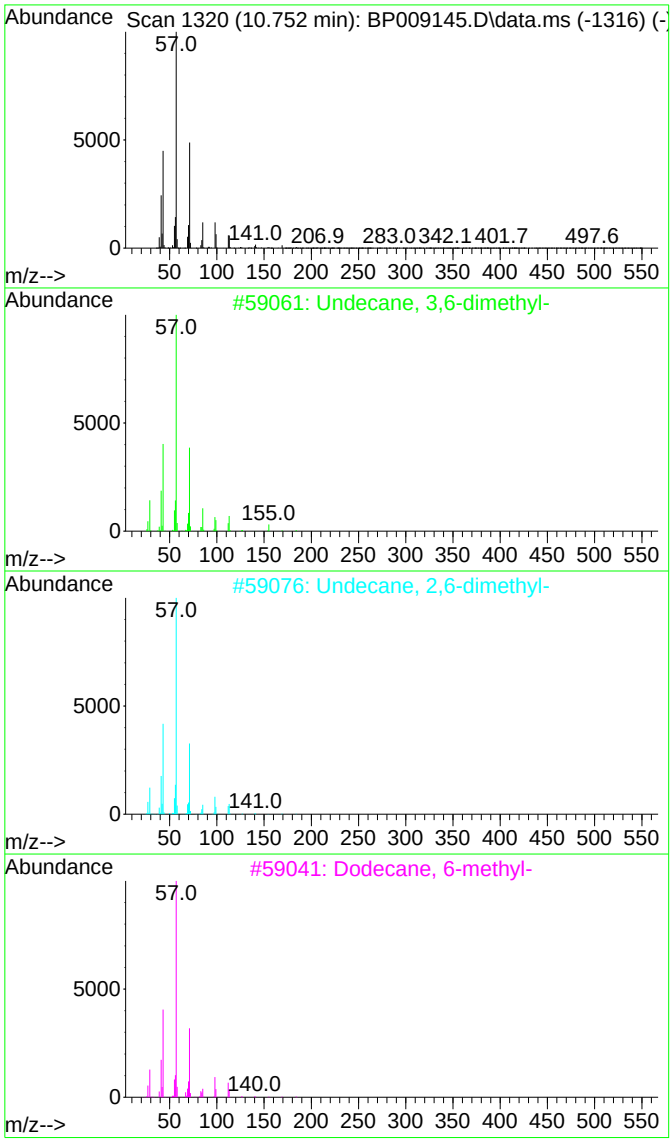
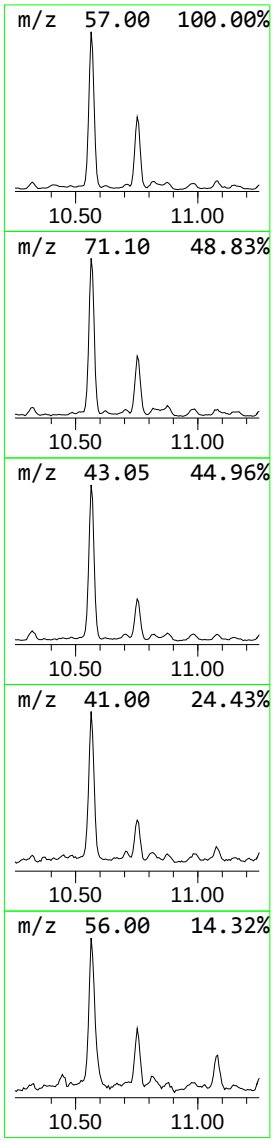
Peak Number 8 Undecane, 3,6-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.752 | 2.45 ng | 331068 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 3,6-dimethyl- | 184 | C13H28 | 017301-28-9 | 94 |
| 2 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 90 |
| 3 | Dodecane, 6-methyl- | 184 | C13H28 | 006044-71-9 | 76 |
| 4 | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 72 |
| 5 | Undecane, 6-ethyl- | 184 | C13H28 | 017312-60-6 | 64 |



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Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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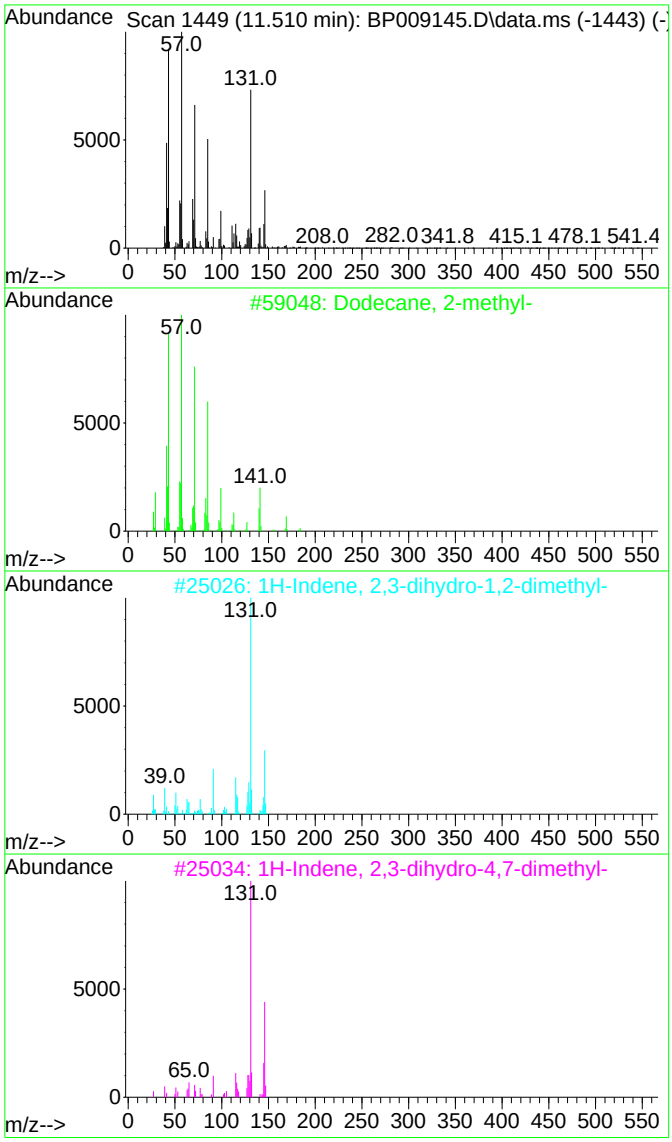
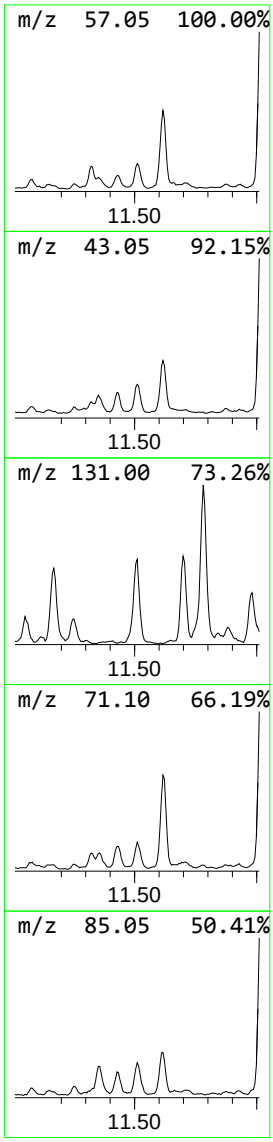
Peak Number 9 Dodecane, 2-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.510 | 2.38 ng | 320993 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 60 |
| 2 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 50 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 50 |
| 4 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 50 |
| 5 | 1H-Indene, 2,3-dihydro-4,6-dimet... | 146 | C11H14 | 001685-82-1 | 50 |



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Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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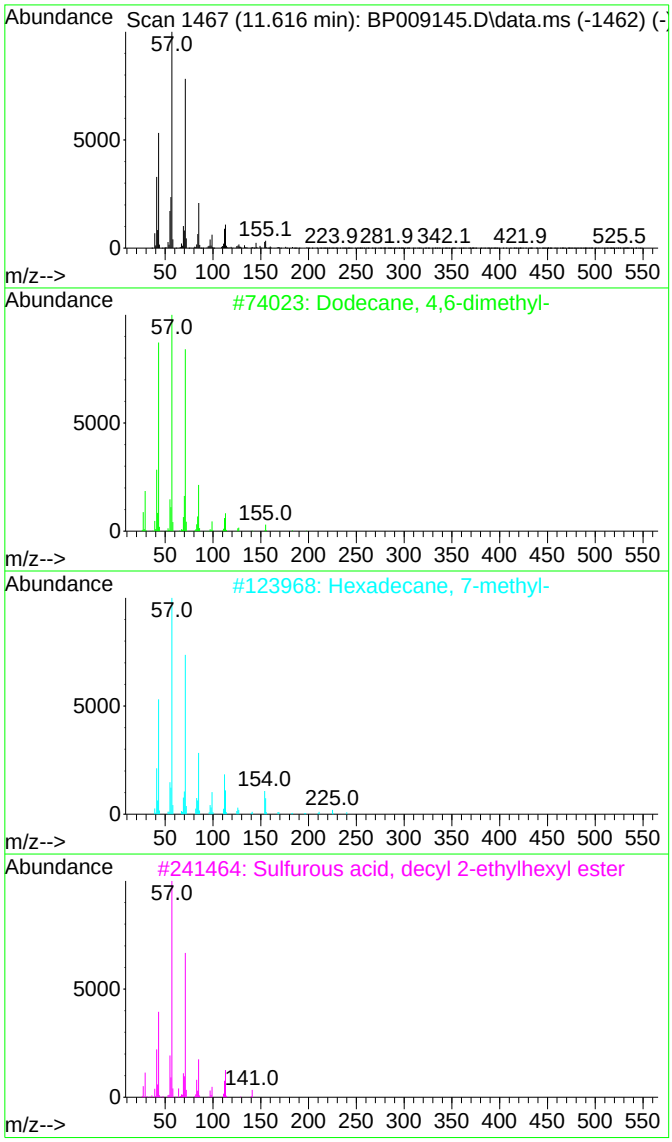
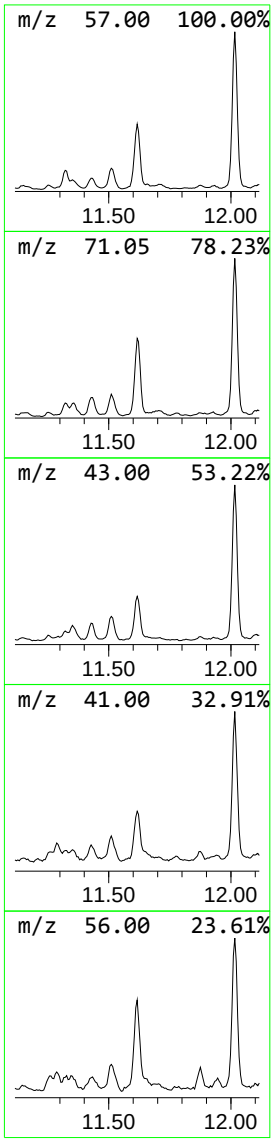
Peak Number 10 Dodecane, 4,6-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.616 | 4.44 ng | 598267 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 93 |
| 2 | Hexadecane, 7-methyl- | 240 | C17H36 | 026730-20-1 | 83 |
| 3 | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 80 |
| 4 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 78 |
| 5 | Heptadecane, 7-methyl- | 254 | C18H38 | 020959-33-5 | 72 |



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Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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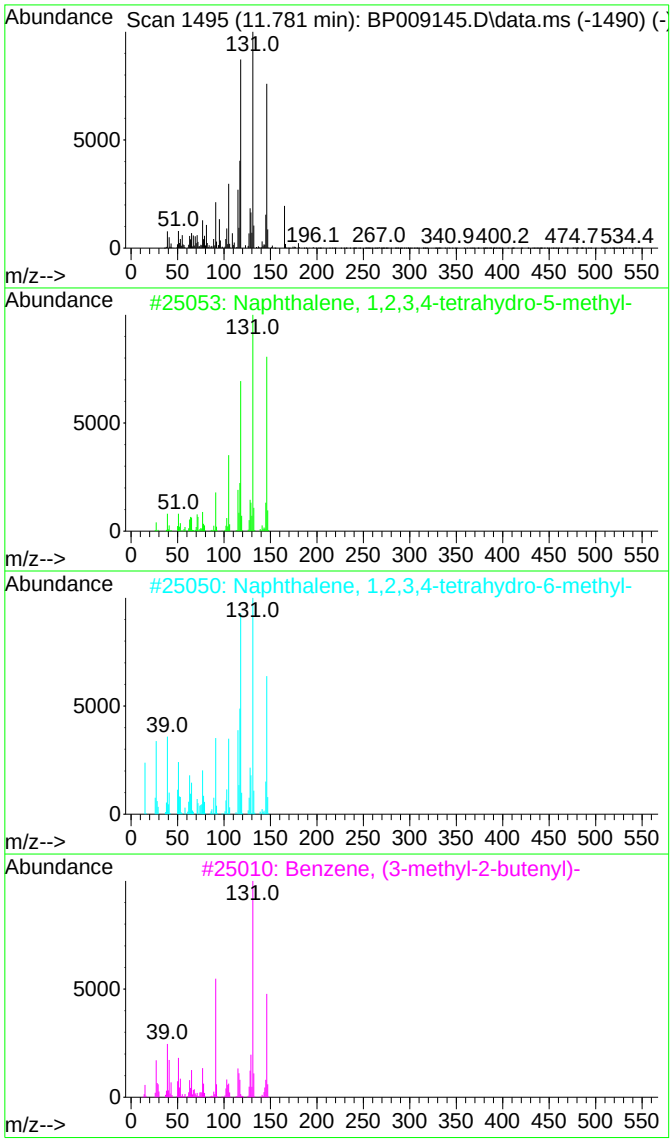
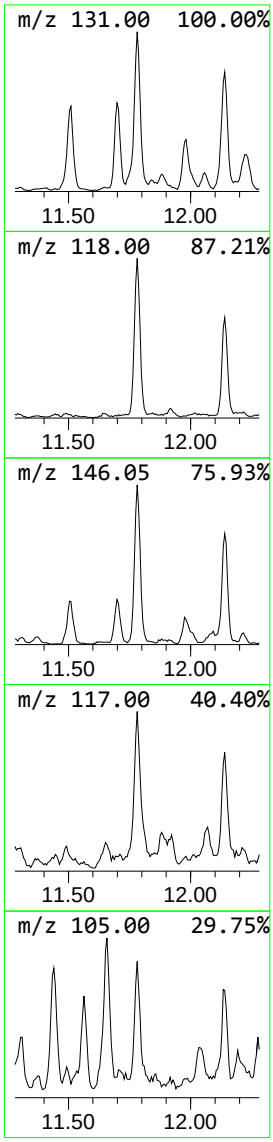
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.781 | 2.31 ng | 311551 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 96 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 95 |
| 3 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 78 |
| 4 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 70 |
| 5 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 60 |



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Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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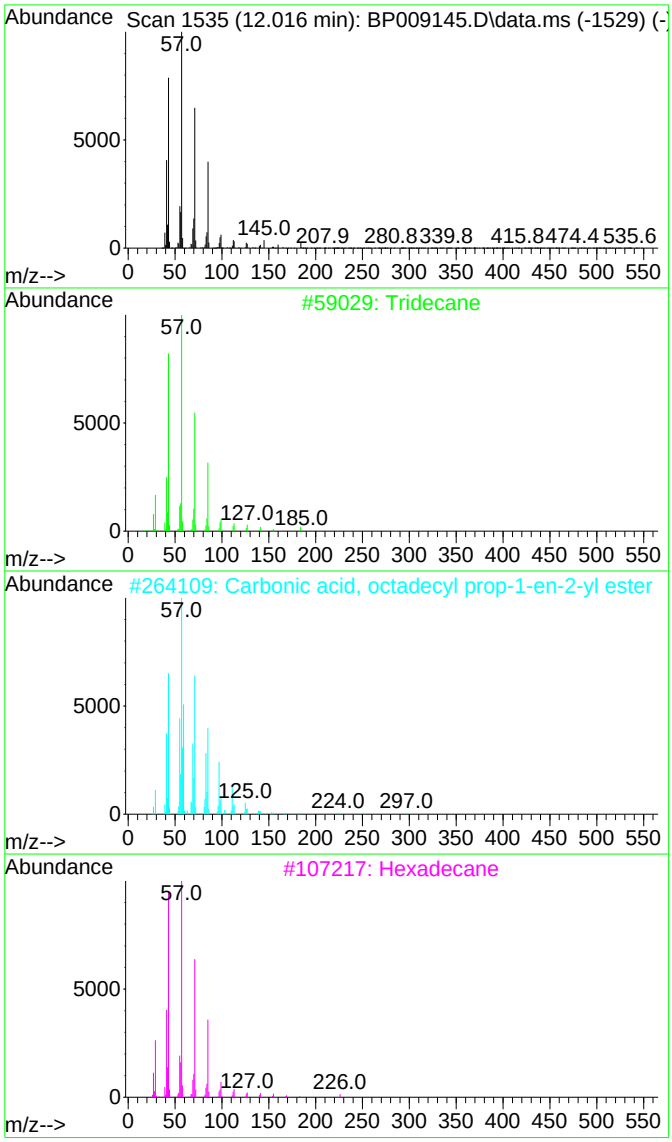
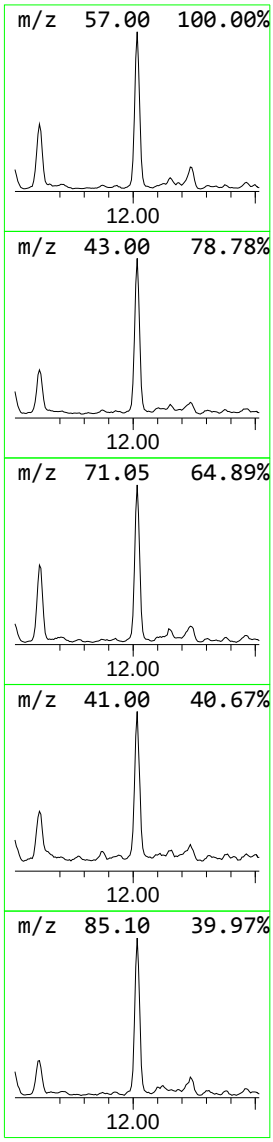
Peak Number 12 Tridecane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.016 | 7.95 ng | 1071990 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 93 |
| 2 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |



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Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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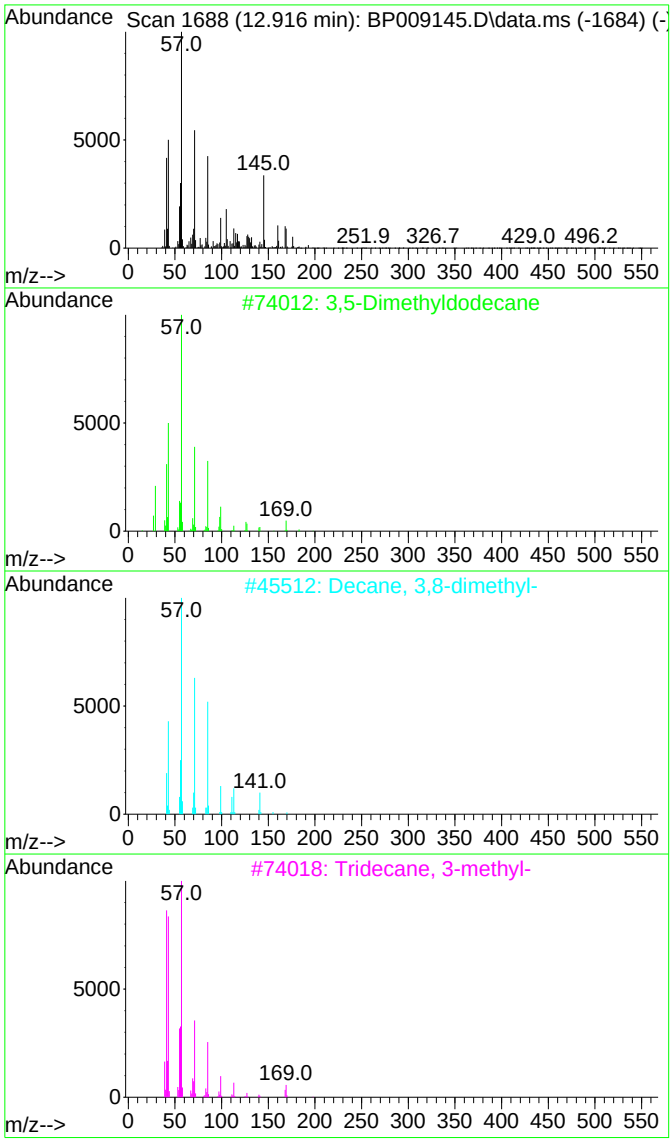
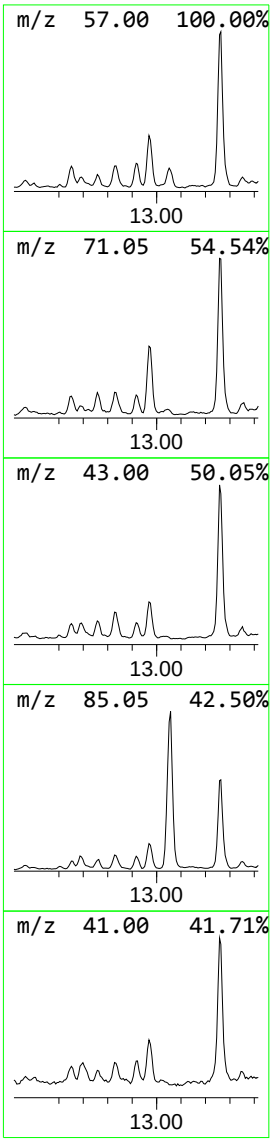
Peak Number 13 3,5-Dimethyldodecane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.916 | 2.42 ng | 217872 | Acenaphthene-d10 | 14.434 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,5-Dimethyldodecane | 198 | C14H30 | 107770-99-0 | 70 |
| 2 | Decane, 3,8-dimethyl- | 170 | C12H26 | 017312-55-9 | 64 |
| 3 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 62 |
| 4 | Undecane, 3-methyl- | 170 | C12H26 | 001002-43-3 | 62 |
| 5 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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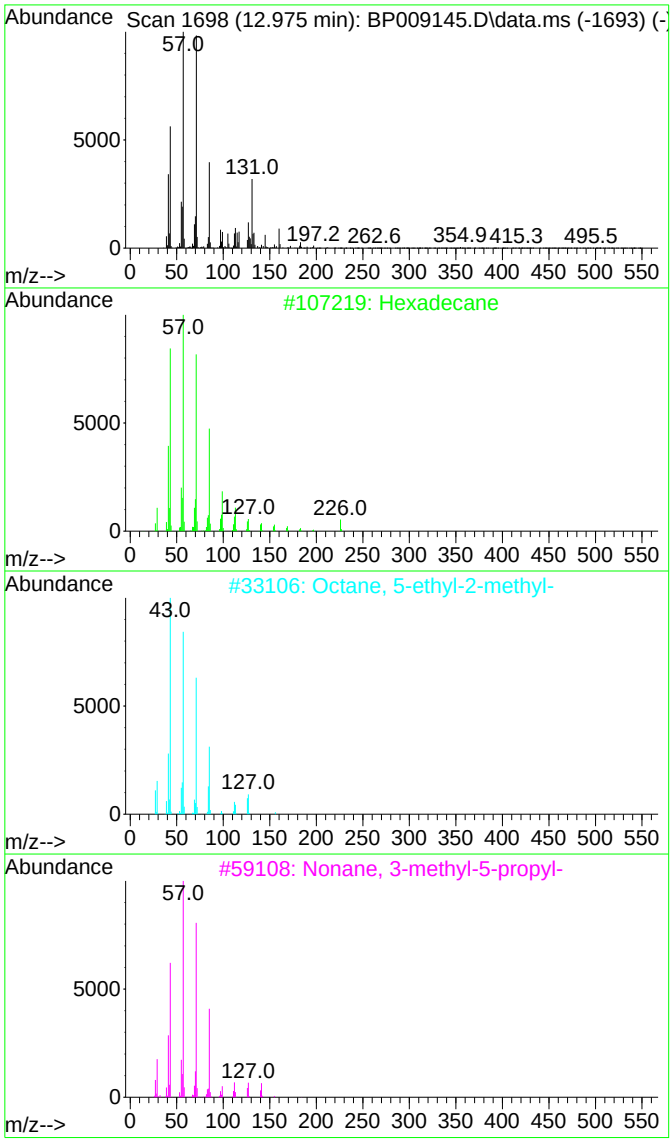
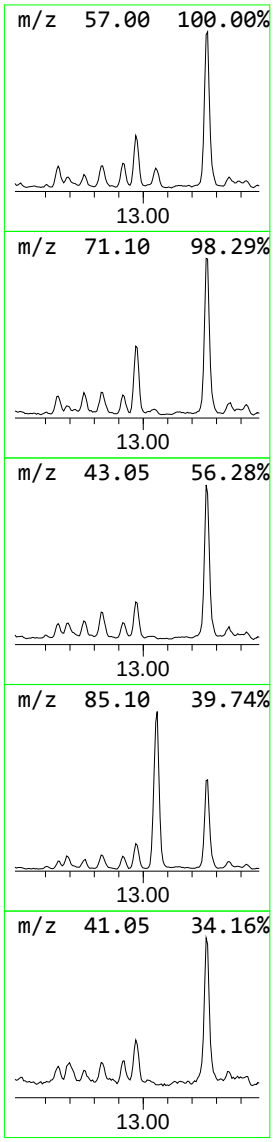
Peak Number 14 Hexadecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.975 | 4.30 ng | 387195 | Acenaphthene-d10 | 14.434 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 2 | Octane, 5-ethyl-2-methyl- | 156 | C11H24 | 062016-18-6 | 64 |
| 3 | Nonane, 3-methyl-5-propyl- | 184 | C13H28 | 031081-18-2 | 59 |
| 4 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 58 |
| 5 | Pentadecane, 7-methyl- | 226 | C16H34 | 006165-40-8 | 58 |



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Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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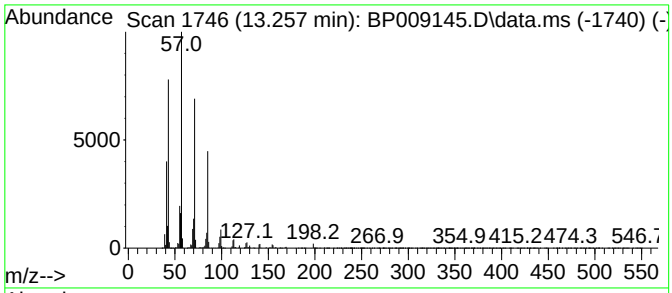
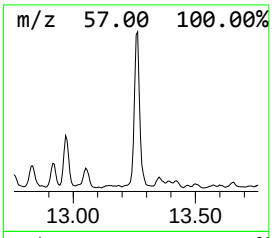
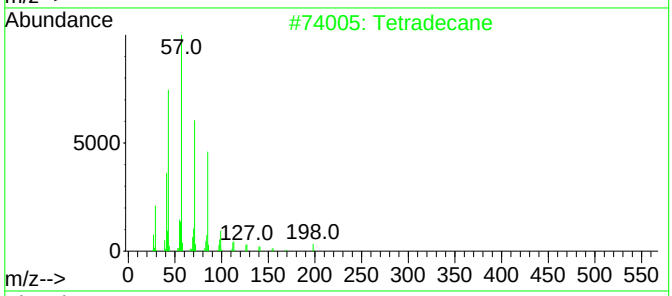
Peak Number 15 Tetradecane Concentration Rank 2

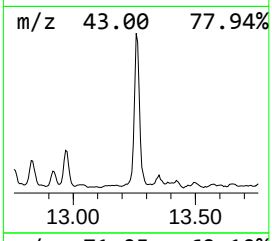
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.257 | 10.31 ng | 928780 | Acenaphthene-d10 | 14.434 |

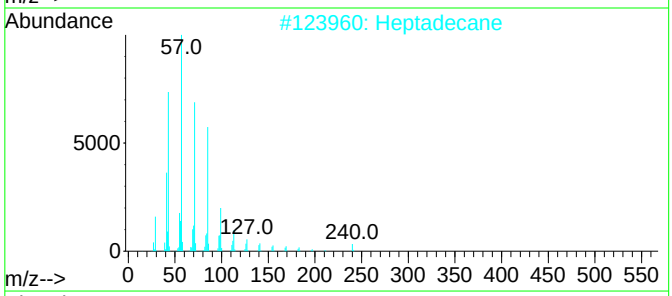
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 97 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 93 |
| 3 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 86 |
| 4 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 80 |
| 5 | Octane, 2,4,6-trimethyl- | 156 | C11H24 | 062016-37-9 | 80 |

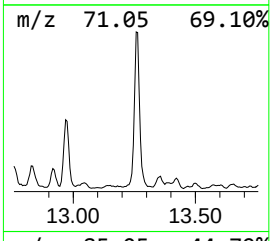


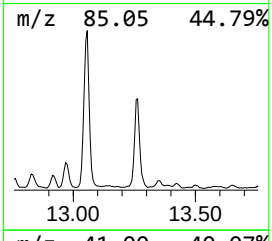



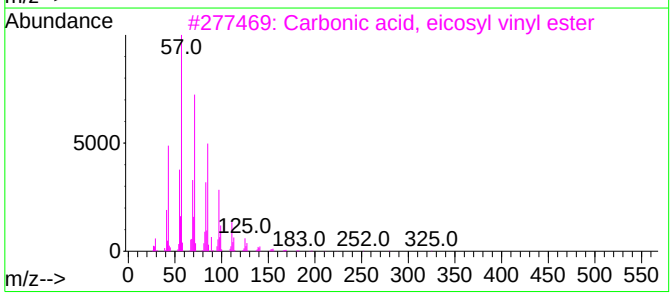



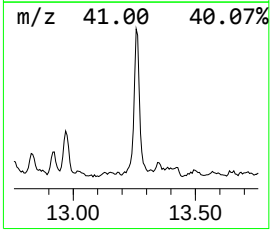



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Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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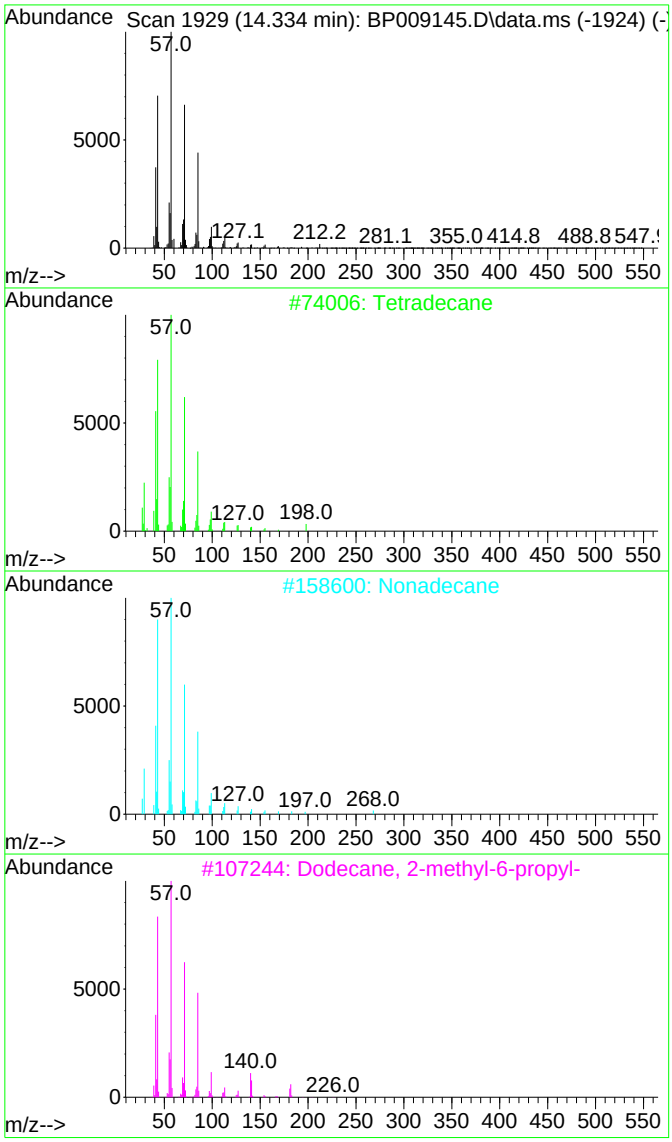
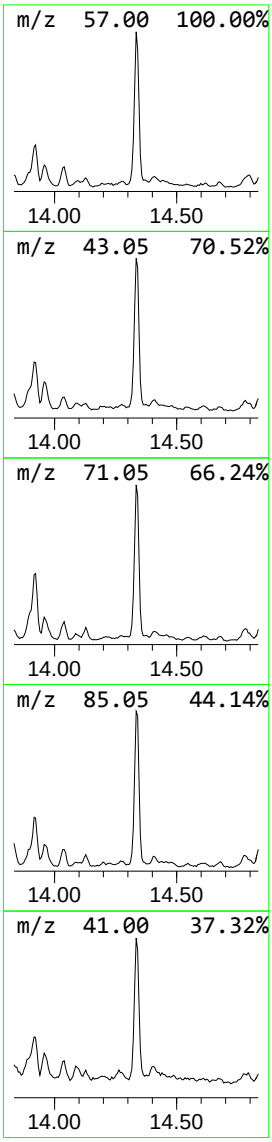
Peak Number 16 Nonadecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.334 | 6.96 ng | 627386 | Acenaphthene-d10 | 14.434 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 86 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

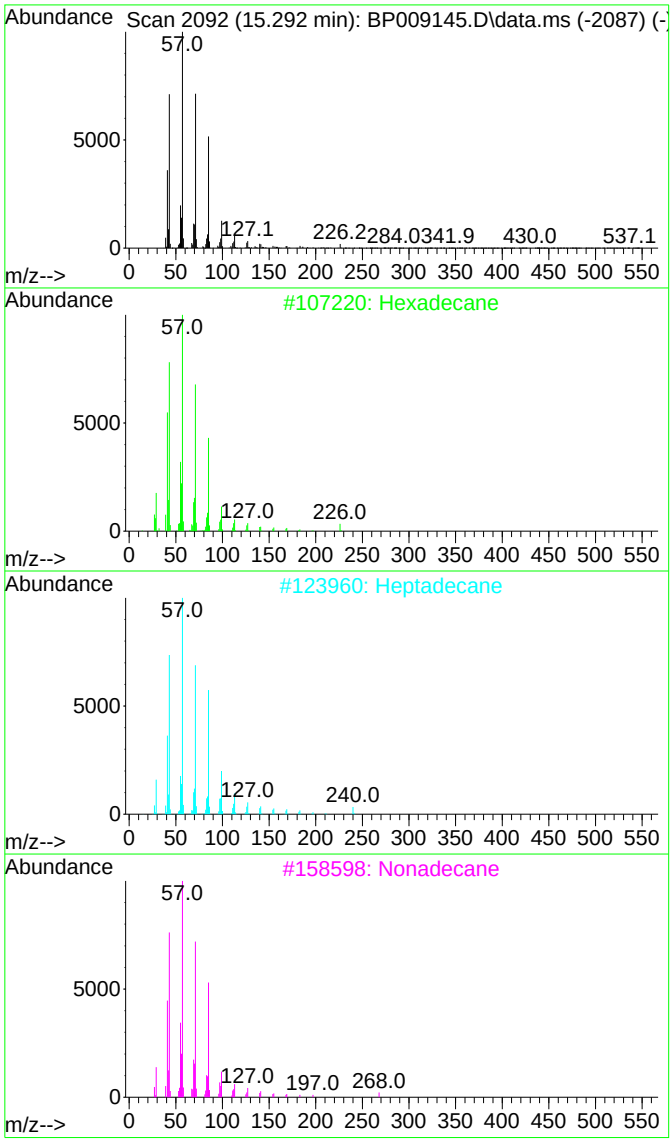
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

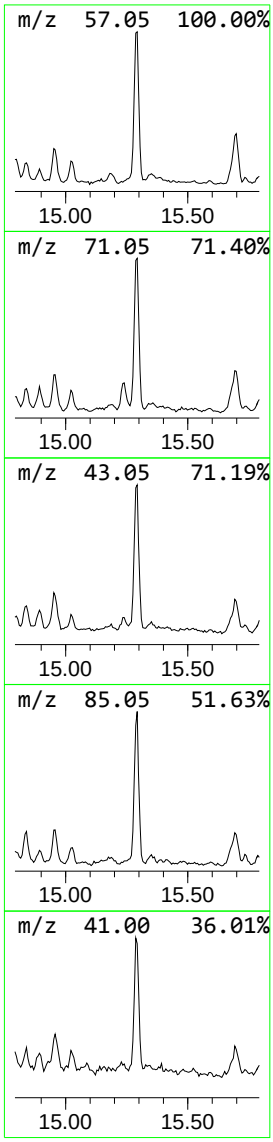
**********

Peak Number 17 Heptadecane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.293 | 3.38 ng | 304748 | Acenaphthene-d10 | 14.434 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

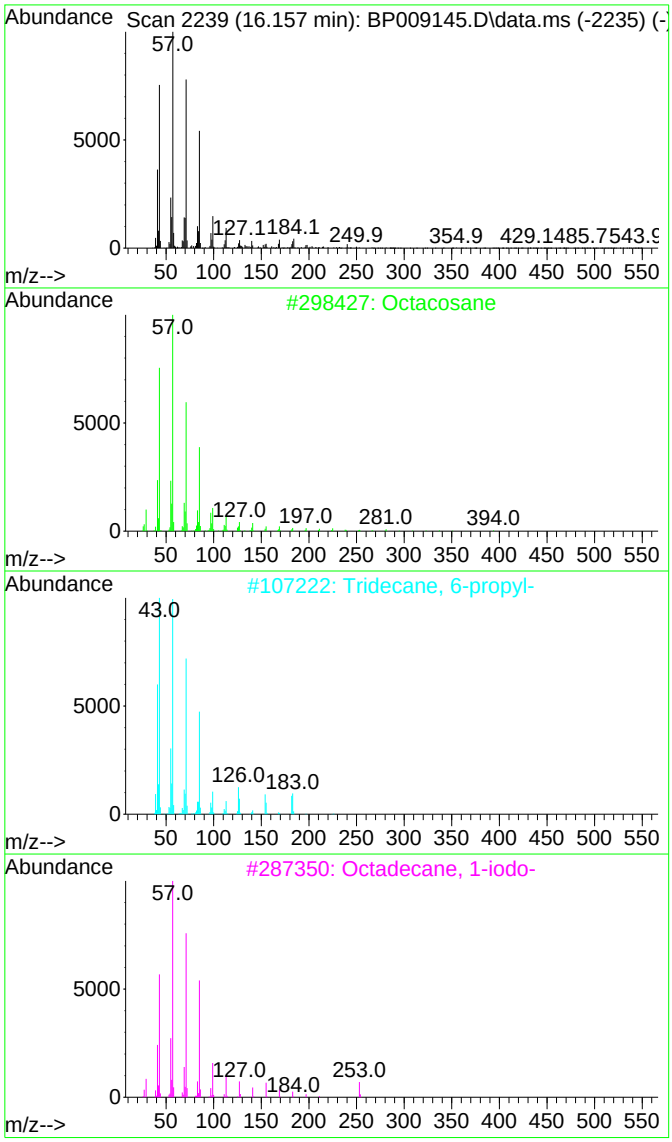
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

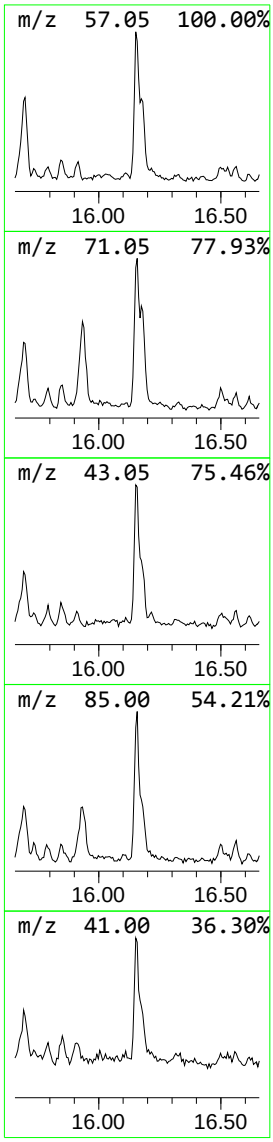
**********

Peak Number 18 Octacosane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.157 | 2.68 ng | 271033 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 2 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 87 |
| 3 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 86 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 86 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

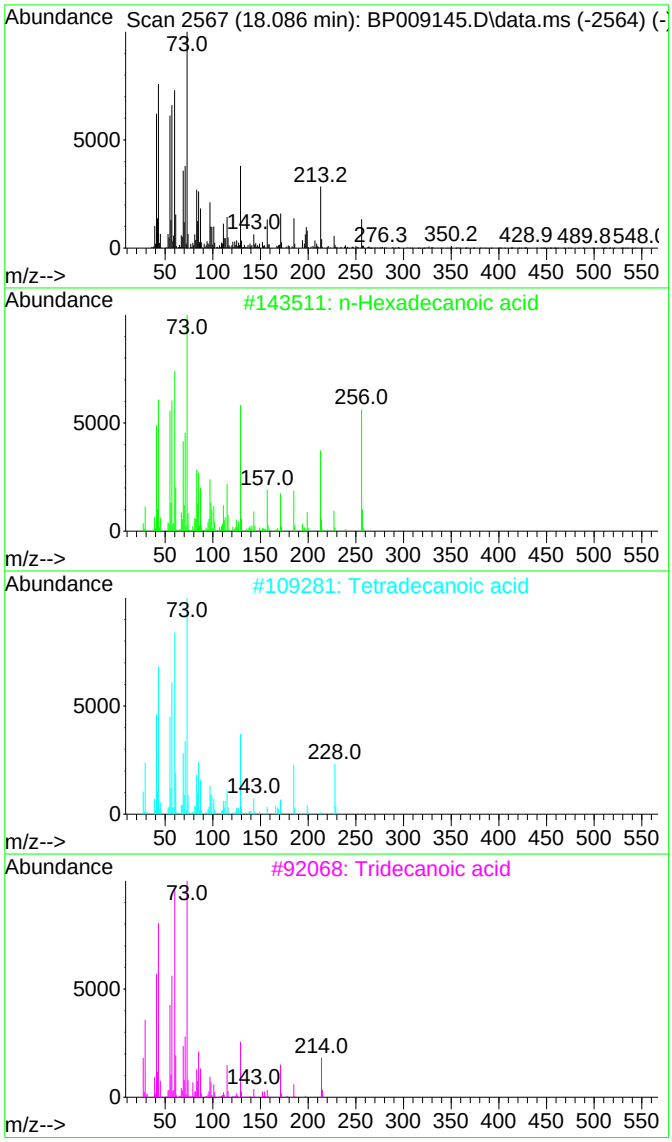
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

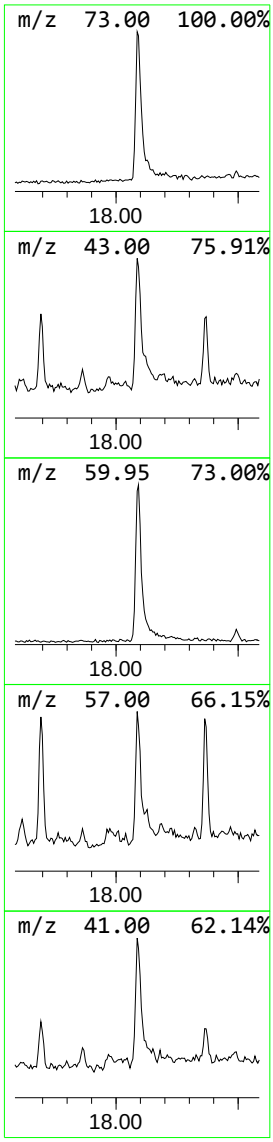
**********

Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.086 | 4.12 ng | 416883 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 93 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 89 |
| 4 | l-(+)-Ascorbic acid 2,6-dihexade... | 652 | C38H68O8 | 028474-90-0 | 70 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

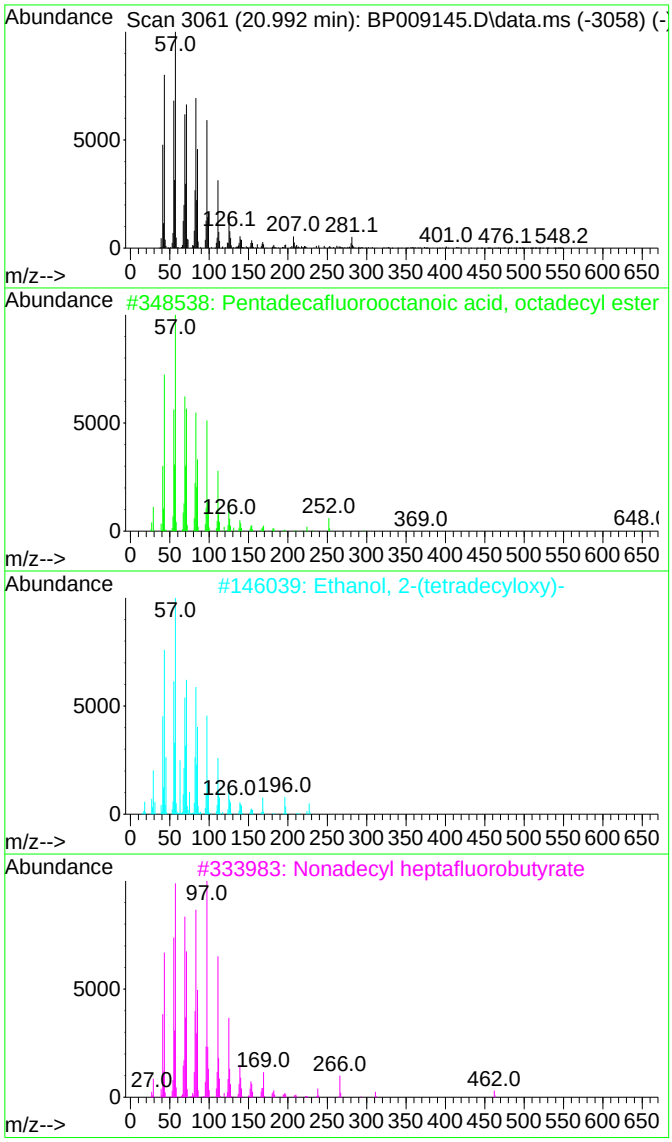
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

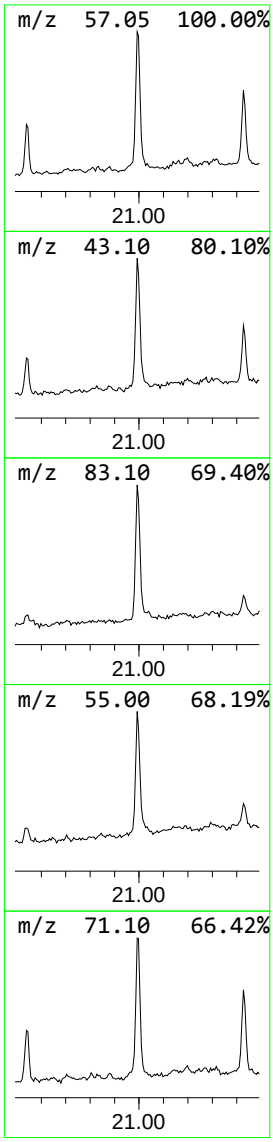
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Pentadecafluorooctanoic aci... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.992 | 3.68 ng | 584882 | Chrysene-d12 | 21.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94 |
| 2 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 91 |
| 3 | Nonadecyl heptafluorobutyrate | 480 | C23H39F7O2 | 1000351-83-9 | 90 |
| 4 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 89 |
| 5 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 89 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OR-02-021122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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 |
| Dotriacontane | 7.416 | 3.9 | ng | 275085 | 1 | 7.787 | 1425330 | 20.0 |
| unknown8.334 | 8.334 | 3.5 | ng | 250295 | 1 | 7.787 | 1425330 | 20.0 |
| Bacchotricuneat... | 8.446 | 3.1 | ng | 221150 | 1 | 7.787 | 1425330 | 20.0 |
| Decane, 3-methyl- | 8.552 | 2.1 | ng | 148379 | 1 | 7.787 | 1425330 | 20.0 |
| Benzene, 4-ethy... | 8.893 | 4.0 | ng | 287332 | 1 | 7.787 | 1425330 | 20.0 |
| Undecane | 9.016 | 13.3 | ng | 943971 | 1 | 7.787 | 1425330 | 20.0 |
| unknown9.146 | 9.146 | 3.3 | ng | 231805 | 1 | 7.787 | 1425330 | 20.0 |
| Undecane, 3,6-d... | 10.752 | 2.5 | ng | 331068 | 2 | 10.587 | 2697280 | 20.0 |
| Dodecane, 2-met... | 11.510 | 2.4 | ng | 320993 | 2 | 10.587 | 2697280 | 20.0 |
| Dodecane, 4,6-d... | 11.616 | 4.4 | ng | 598267 | 2 | 10.587 | 2697280 | 20.0 |
| Naphthalene, 1,... | 11.781 | 2.3 | ng | 311551 | 2 | 10.587 | 2697280 | 20.0 |
| Tridecane | 12.016 | 8.0 | ng | 1071990 | 2 | 10.587 | 2697280 | 20.0 |
| 3,5-Dimethyldod... | 12.916 | 2.4 | ng | 217872 | 3 | 14.434 | 1802080 | 20.0 |
| Hexadecane | 12.975 | 4.3 | ng | 387195 | 3 | 14.434 | 1802080 | 20.0 |
| Tetradecane | 13.257 | 10.3 | ng | 928780 | 3 | 14.434 | 1802080 | 20.0 |
| Nonadecane | 14.334 | 7.0 | ng | 627386 | 3 | 14.434 | 1802080 | 20.0 |
| Heptadecane | 15.293 | 3.4 | ng | 304748 | 3 | 14.434 | 1802080 | 20.0 |
| Octacosane | 16.157 | 2.7 | ng | 271033 | 4 | 17.192 | 2026150 | 20.0 |
| n-Hexadecanoic ... | 18.086 | 4.1 | ng | 416883 | 4 | 17.192 | 2026150 | 20.0 |
| Pentadecafluoro... | 20.992 | 3.7 | ng | 584882 | 5 | 21.292 | 3180720 | 20.0 |