LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143871.D
Acq On : 02 Oct 2025 23:01
Operator : RC/JU
Sample : Q3262-08 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
279887

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143871.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.487 | 556 | 560 | 576 | rBV | 119475 | 176005 | 3.66% | 0.873% |
| 2 | 6.498 | 726 | 732 | 748 | rBV | 110620 | 162546 | 3.38% | 0.807% |
| 3 | 6.881 | 792 | 797 | 813 | rBV | 542628 | 708259 | 14.72% | 3.514% |
| 4 | 7.440 | 882 | 892 | 903 | rBV | 68382 | 101579 | 2.11% | 0.504% |
| 5 | 8.163 | 1010 | 1015 | 1021 | rBV | 647209 | 850827 | 17.68% | 4.222% |
| 6 | 9.045 | 1162 | 1165 | 1168 | rBV4 | 37792 | 57834 | 1.20% | 0.287% |
| 7 | 9.163 | 1182 | 1185 | 1186 | rBV | 58755 | 63847 | 1.33% | 0.317% |
| 8 | 9.187 | 1186 | 1189 | 1193 | rVB | 139464 | 168718 | 3.51% | 0.837% |
| 9 | 9.239 | 1194 | 1198 | 1202 | rBV | 174657 | 226546 | 4.71% | 1.124% |
| 10 | 9.322 | 1208 | 1212 | 1216 | rBV4 | 139306 | 227857 | 4.73% | 1.131% |
| 11 | 9.639 | 1261 | 1266 | 1270 | rBV2 | 600400 | 1011657 | 21.02% | 5.020% |
| 12 | 9.739 | 1280 | 1283 | 1287 | rVB3 | 146004 | 182485 | 3.79% | 0.905% |
| 13 | 9.792 | 1288 | 1292 | 1295 | rBV3 | 260639 | 411214 | 8.54% | 2.040% |
| 14 | 9.834 | 1296 | 1299 | 1303 | rVB | 454695 | 592855 | 12.32% | 2.942% |
| 15 | 9.922 | 1308 | 1314 | 1318 | rVV3 | 692915 | 1177834 | 24.47% | 5.844% |
| 16 | 10.181 | 1355 | 1358 | 1365 | rBV4 | 322672 | 550024 | 11.43% | 2.729% |
| 17 | 10.333 | 1381 | 1384 | 1388 | rBV2 | 489708 | 596843 | 12.40% | 2.961% |
| 18 | 10.581 | 1422 | 1426 | 1430 | rBV | 1088221 | 1477376 | 30.70% | 7.330% |
| 19 | 10.851 | 1467 | 1472 | 1479 | rBV | 3122650 | 4812439 | 100.00% | 23.878% |
| 20 | 11.322 | 1548 | 1552 | 1558 | rVB | 2130663 | 2943923 | 61.17% | 14.607% |
| 21 | 14.057 | 2014 | 2017 | 2041 | rVB | 872291 | 1928870 | 40.08% | 9.571% |
| 22 | 15.533 | 2262 | 2268 | 2284 | rVB | 777040 | 1353343 | 28.12% | 6.715% |
| 23 | 16.010 | 2344 | 2349 | 2355 | rVB | 63081 | 110699 | 2.30% | 0.549% |
| 24 | 16.527 | 2432 | 2437 | 2448 | rVB | 73115 | 158821 | 3.30% | 0.788% |
| 25 | 17.133 | 2536 | 2540 | 2548 | rVB | 47647 | 101490 | 2.11% | 0.504% |

Sum of corrected areas: 20153891

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Misc :
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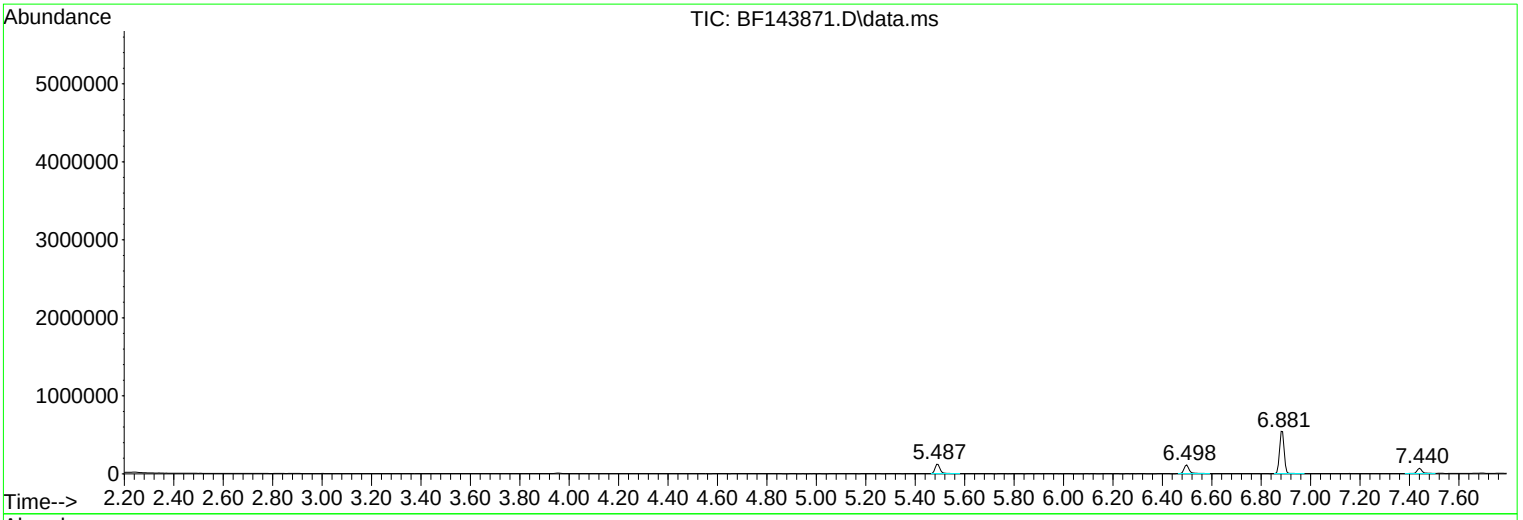
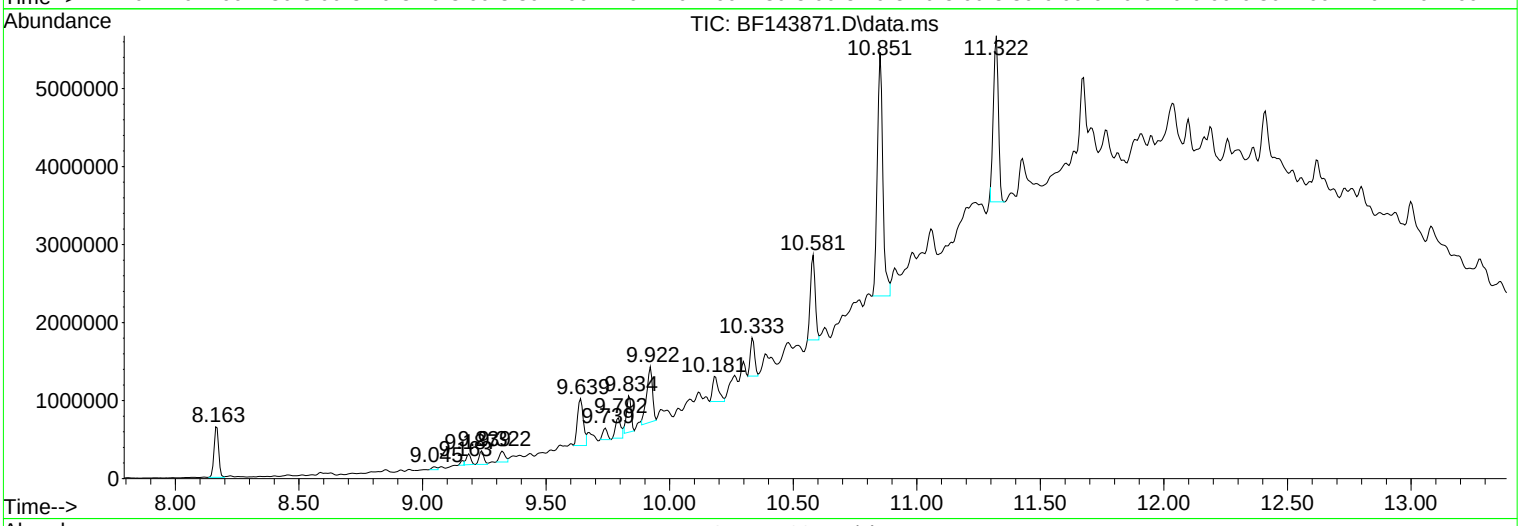
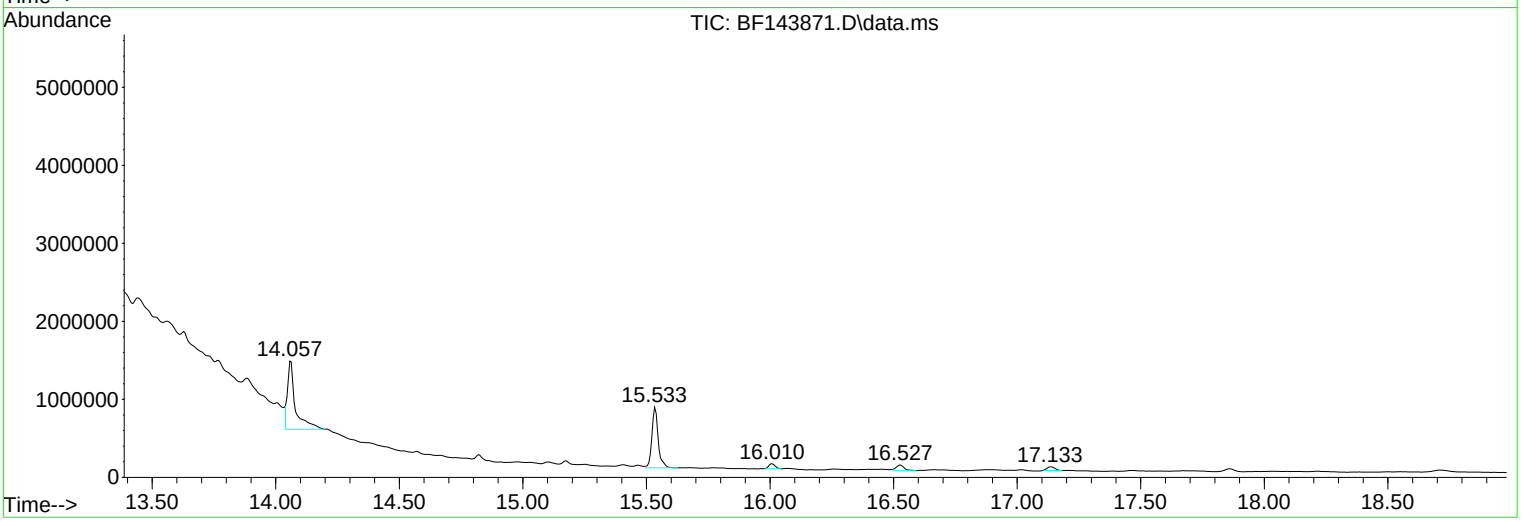
**Instrument :**
BNA_F
**ClientSampleId :**
279887

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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Data File : BF143871.D
Acq On : 02 Oct 2025 23:01
Operator : RC/JU
Sample : Q3262-08 10X
Misc :
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**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

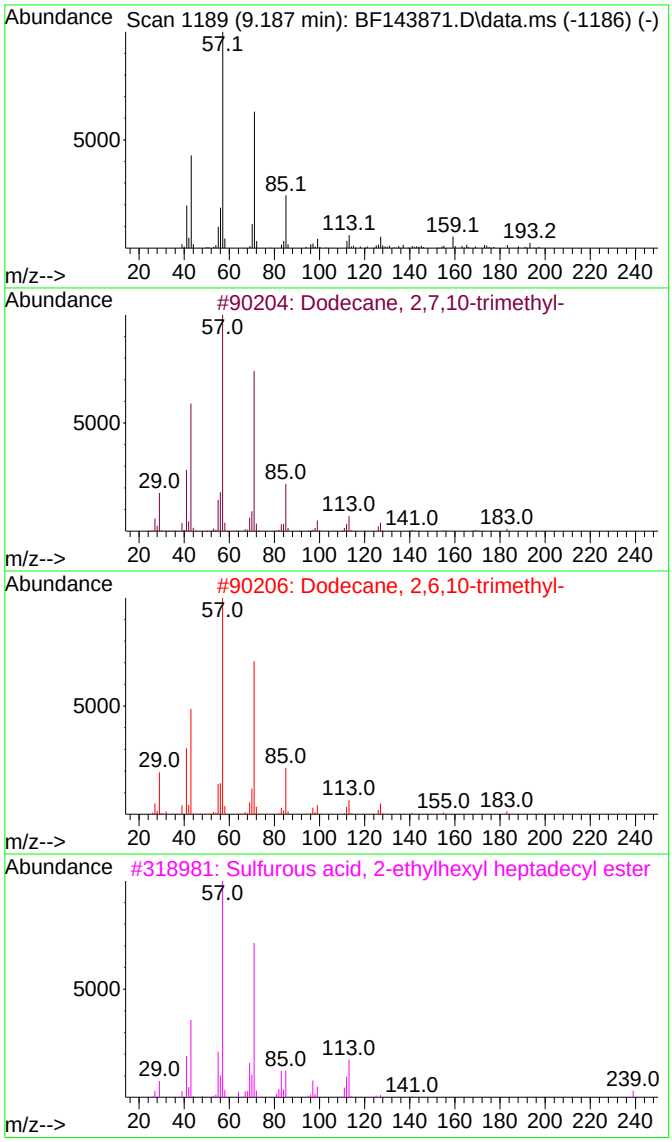
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

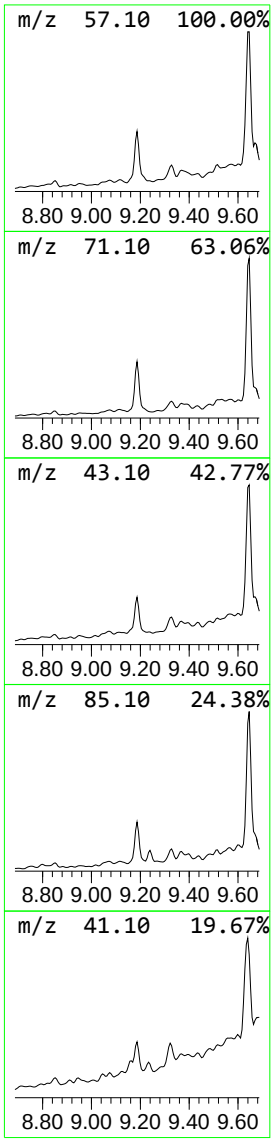
**********

Peak Number 1 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.187 | 2.86 ng | 168718 | Acenaphthene-d10 | 9.922 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 86 |
| 2 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 86 |
| 3 | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 59 |
| 4 | Undecane, 6-ethyl- | 184 | C13H28 | 017312-60-6 | 59 |
| 5 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 59 |



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Data File : BF143871.D
Acq On : 02 Oct 2025 23:01
Operator : RC/JU
Sample : Q3262-08 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
279887

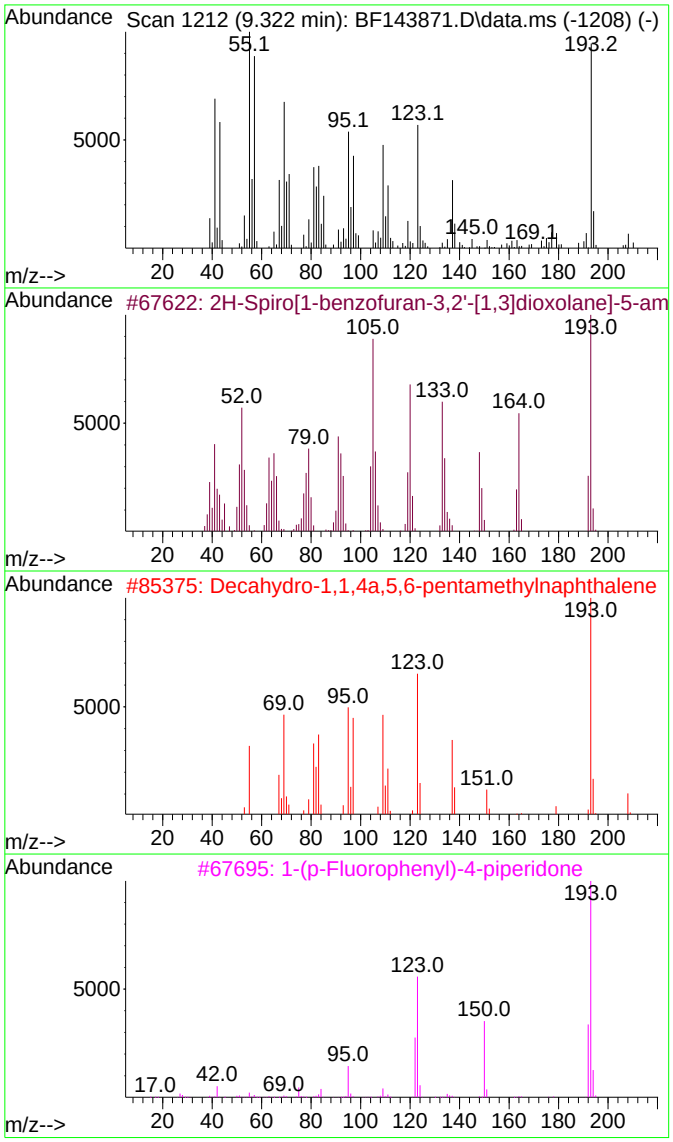
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

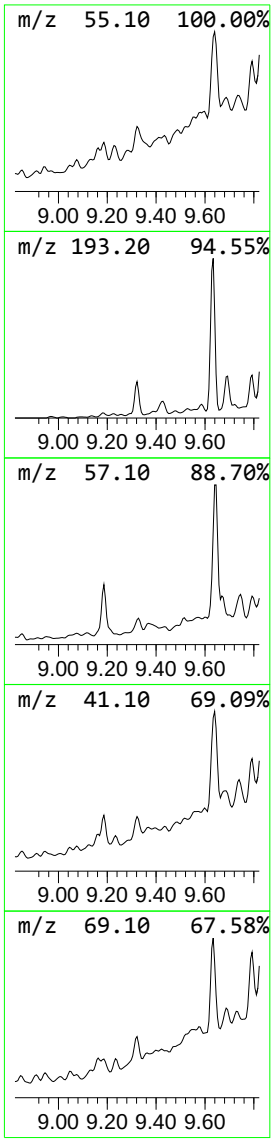
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2H-Spiro[1-benzofuran-3,2'-... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.322 | 3.87 ng | 227857 | Acenaphthene-d10 | 9.922 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Spiro[1-benzofuran-3,2'-[1,3]... | 193 | C10H11NO3 | 1000387-33-4 | 90 |
| 2 | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28 | 080655-44-3 | 68 |
| 3 | 1-(p-Fluorophenyl)-4-piperidone | 193 | C11H12FNO | 1000238-56-7 | 38 |
| 4 | [1,2,4]Triazolo[1,5-a]pyrimidin-... | 193 | C8H11N5O | 1000351-50-1 | 38 |
| 5 | 2-Anthracenamine | 193 | C14H11N | 000613-13-8 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143871.D
Acq On : 02 Oct 2025 23:01
Operator : RC/JU
Sample : Q3262-08 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
279887

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

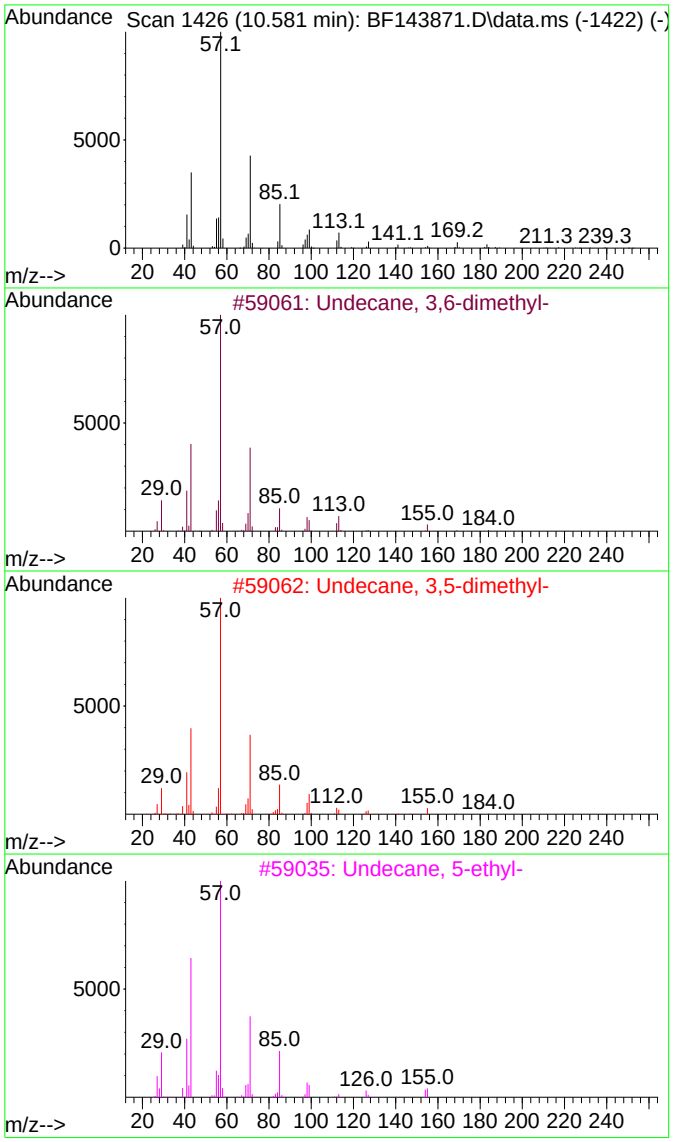
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

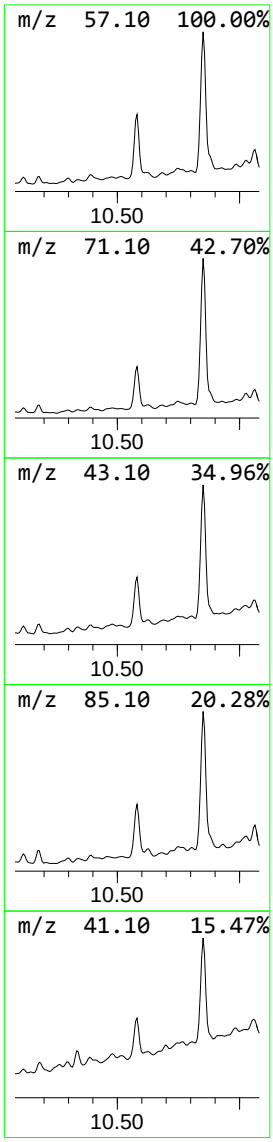
**********

Peak Number 9 Undecane, 3,6-dimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.581 | 25.09 ng | 1477380 | Acenaphthene-d10 | 9.922 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 3,6-dimethyl- | 184 | C13H28 | 017301-28-9 | 93 |
| 2 | Undecane, 3,5-dimethyl- | 184 | C13H28 | 017312-81-1 | 87 |
| 3 | Undecane, 5-ethyl- | 184 | C13H28 | 017453-94-0 | 78 |
| 4 | Decane, 2,6,8-trimethyl- | 184 | C13H28 | 062108-26-3 | 74 |
| 5 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 70 |



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Operator : RC/JU
Sample : Q3262-08 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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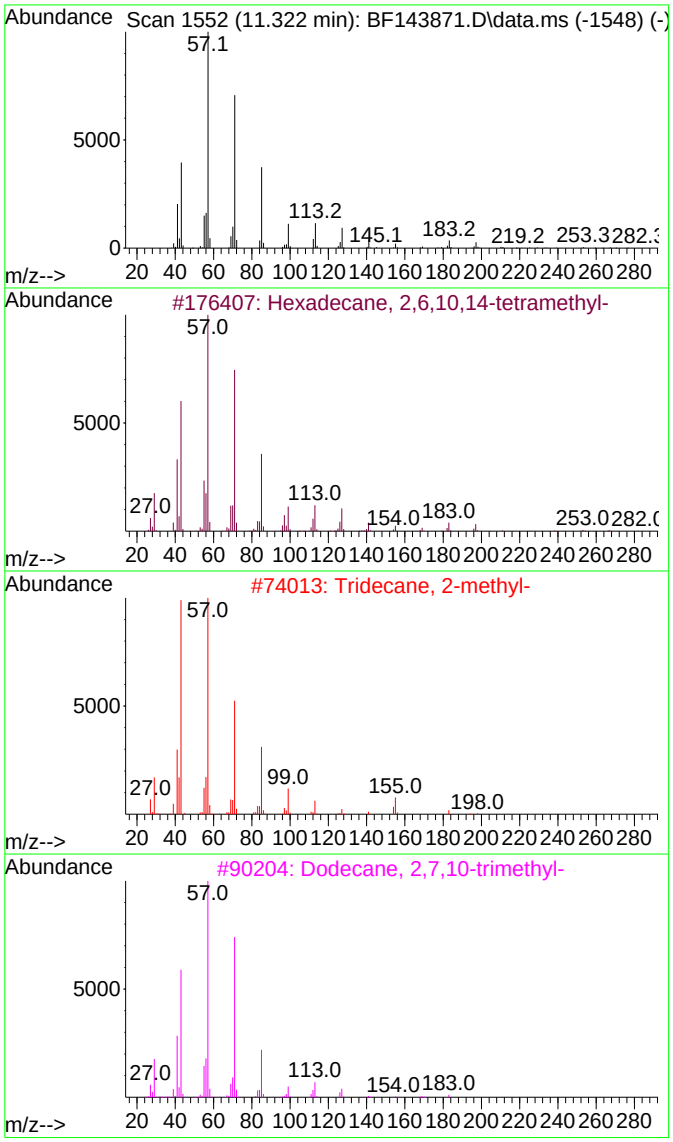
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

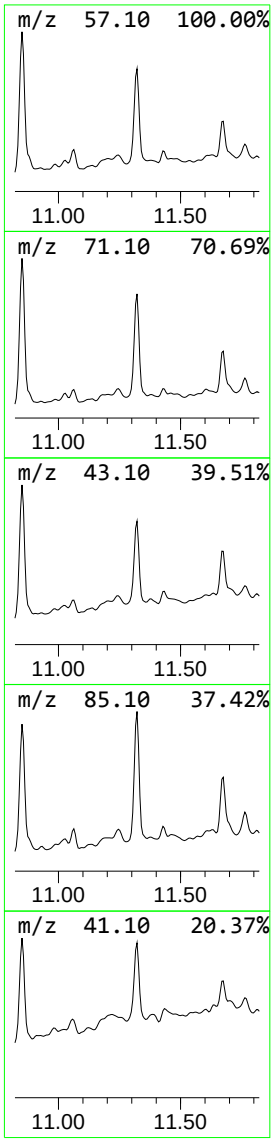
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.322 | 20.00 ng | 2943920 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 90 |
| 2 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 87 |
| 3 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 80 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 78 |
| 5 | Decane, 5-ethyl-5-methyl- | 184 | C13H28 | 017312-74-2 | 72 |



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Acq On : 02 Oct 2025 23:01
Operator : RC/JU
Sample : Q3262-08 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
279887

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

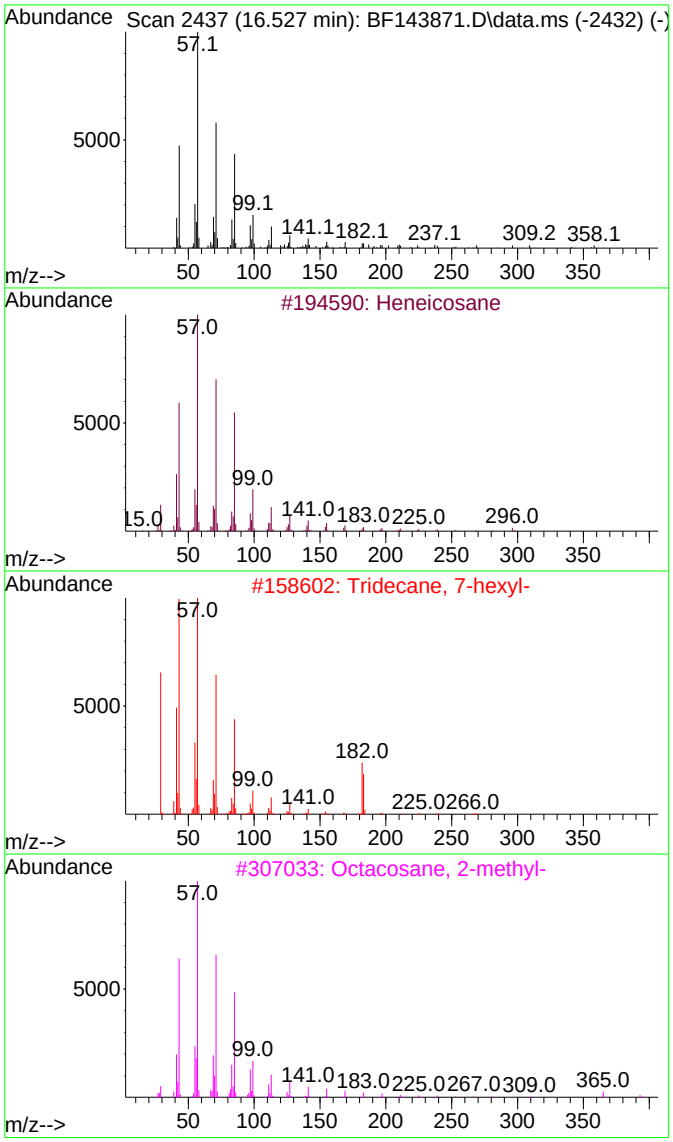
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

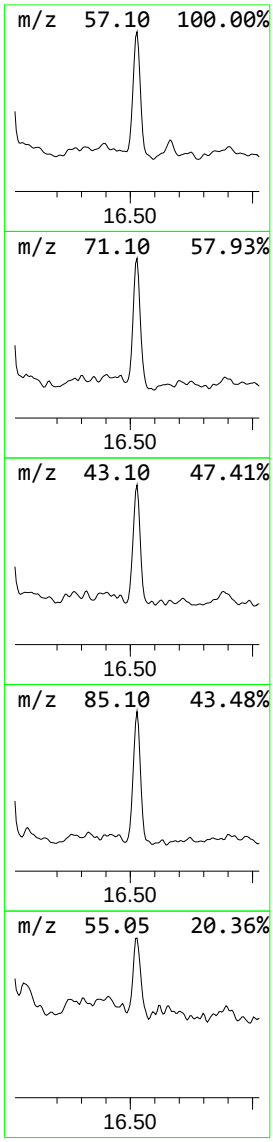
**********

Peak Number 12 Heneicosane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.527 | 2.35 ng | 158821 | Perylene-d12 | 15.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 94 |
| 2 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 90 |
| 3 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 90 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
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Sample : Q3262-08 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
279887

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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 |
| Dodecane, 2,7,1... | 9.187 | 2.9 | ng | 168718 | 3 | 9.922 | 1177830 | 20.0 |
| 2H-Spiro[1-benz... | 9.322 | 3.9 | ng | 227857 | 3 | 9.922 | 1177830 | 20.0 |
| Undecane, 3,6-d... | 10.581 | 25.1 | ng | 1477380 | 3 | 9.922 | 1177830 | 20.0 |
| Hexadecane, 2,6... | 11.322 | 20.0 | ng | 2943920 | 4 | 11.422 | 2943920 | 20.0 |
| Heneicosane | 16.527 | 2.4 | ng | 158821 | 6 | 15.533 | 1353340 | 20.0 |