LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 06-07-24

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125356.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.252 | 18 | 28 | 33 | rVB | 3377661 | 4735331 | 91.50% | 12.798% |
| 2 | 5.122 | 512 | 516 | 524 | rVB | 321814 | 324861 | 6.28% | 0.878% |
| 3 | 5.522 | 580 | 584 | 596 | rVB | 2439064 | 2111678 | 40.80% | 5.707% |
| 4 | 6.522 | 750 | 754 | 758 | rBV | 1318229 | 1309352 | 25.30% | 3.539% |
| 5 | 6.898 | 814 | 818 | 821 | rBV | 1147480 | 1052536 | 20.34% | 2.845% |
| 6 | 7.457 | 908 | 913 | 917 | rBV | 2748398 | 3028046 | 58.51% | 8.184% |
| 7 | 7.669 | 946 | 949 | 953 | rBV2 | 90320 | 94229 | 1.82% | 0.255% |
| 8 | 7.963 | 996 | 999 | 1006 | rBV4 | 51084 | 82334 | 1.59% | 0.223% |
| 9 | 8.087 | 1016 | 1020 | 1023 | rBV | 57104 | 79318 | 1.53% | 0.214% |
| 10 | 8.181 | 1031 | 1036 | 1039 | rBV | 1461567 | 1347107 | 26.03% | 3.641% |
| 11 | 8.510 | 1086 | 1092 | 1097 | rBV2 | 73431 | 147270 | 2.85% | 0.398% |
| 12 | 9.257 | 1213 | 1219 | 1222 | rBV | 5421894 | 5175117 | 100.00% | 13.987% |
| 13 | 9.334 | 1228 | 1232 | 1234 | rBV3 | 87159 | 109989 | 2.13% | 0.297% |
| 14 | 9.434 | 1246 | 1249 | 1253 | rBV6 | 56227 | 90743 | 1.75% | 0.245% |
| 15 | 9.569 | 1269 | 1272 | 1274 | rBV3 | 95997 | 117132 | 2.26% | 0.317% |
| 16 | 9.598 | 1274 | 1277 | 1282 | rVB | 474856 | 454679 | 8.79% | 1.229% |
| 17 | 9.645 | 1282 | 1285 | 1288 | rBV2 | 217767 | 297080 | 5.74% | 0.803% |
| 18 | 9.681 | 1288 | 1291 | 1298 | rVV5 | 259051 | 433963 | 8.39% | 1.173% |
| 19 | 9.804 | 1307 | 1312 | 1314 | rBV4 | 245471 | 350748 | 6.78% | 0.948% |
| 20 | 9.845 | 1316 | 1319 | 1322 | rVB3 | 289070 | 311267 | 6.01% | 0.841% |
| 21 | 9.933 | 1330 | 1334 | 1338 | rVB | 2011869 | 1956147 | 37.80% | 5.287% |
| 22 | 10.251 | 1385 | 1388 | 1389 | rBV2 | 205196 | 206491 | 3.99% | 0.558% |
| 23 | 10.345 | 1401 | 1404 | 1408 | rBV2 | 289288 | 311969 | 6.03% | 0.843% |
| 24 | 10.581 | 1442 | 1444 | 1449 | rVB | 355606 | 341182 | 6.59% | 0.922% |
| 25 | 10.728 | 1466 | 1469 | 1474 | rBV | 2559234 | 2660306 | 51.41% | 7.190% |
| 26 | 10.851 | 1487 | 1490 | 1492 | rVB | 1015645 | 841087 | 16.25% | 2.273% |
| 27 | 11.316 | 1566 | 1569 | 1575 | rVB | 1125513 | 1179298 | 22.79% | 3.187% |
| 28 | 11.428 | 1585 | 1588 | 1591 | rBV | 1306200 | 1212565 | 23.43% | 3.277% |
| 29 | 13.016 | 1854 | 1858 | 1861 | rVB | 4263068 | 3876534 | 74.91% | 10.477% |
| 30 | 13.927 | 2011 | 2013 | 2027 | rVB | 326496 | 531440 | 10.27% | 1.436% |
| 31 | 14.069 | 2033 | 2037 | 2040 | rVB | 910756 | 864837 | 16.71% | 2.337% |
| 32 | 14.686 | 2139 | 2142 | 2147 | rVB3 | 108963 | 124539 | 2.41% | 0.337% |
| 33 | 14.827 | 2162 | 2166 | 2170 | rBV3 | 101340 | 160792 | 3.11% | 0.435% |
| 34 | 15.121 | 2214 | 2216 | 2221 | rVB | 68722 | 71028 | 1.37% | 0.192% |
| 35 | 15.557 | 2285 | 2290 | 2299 | rVB2 | 770210 | 1009573 | 19.51% | 2.729% |

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Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

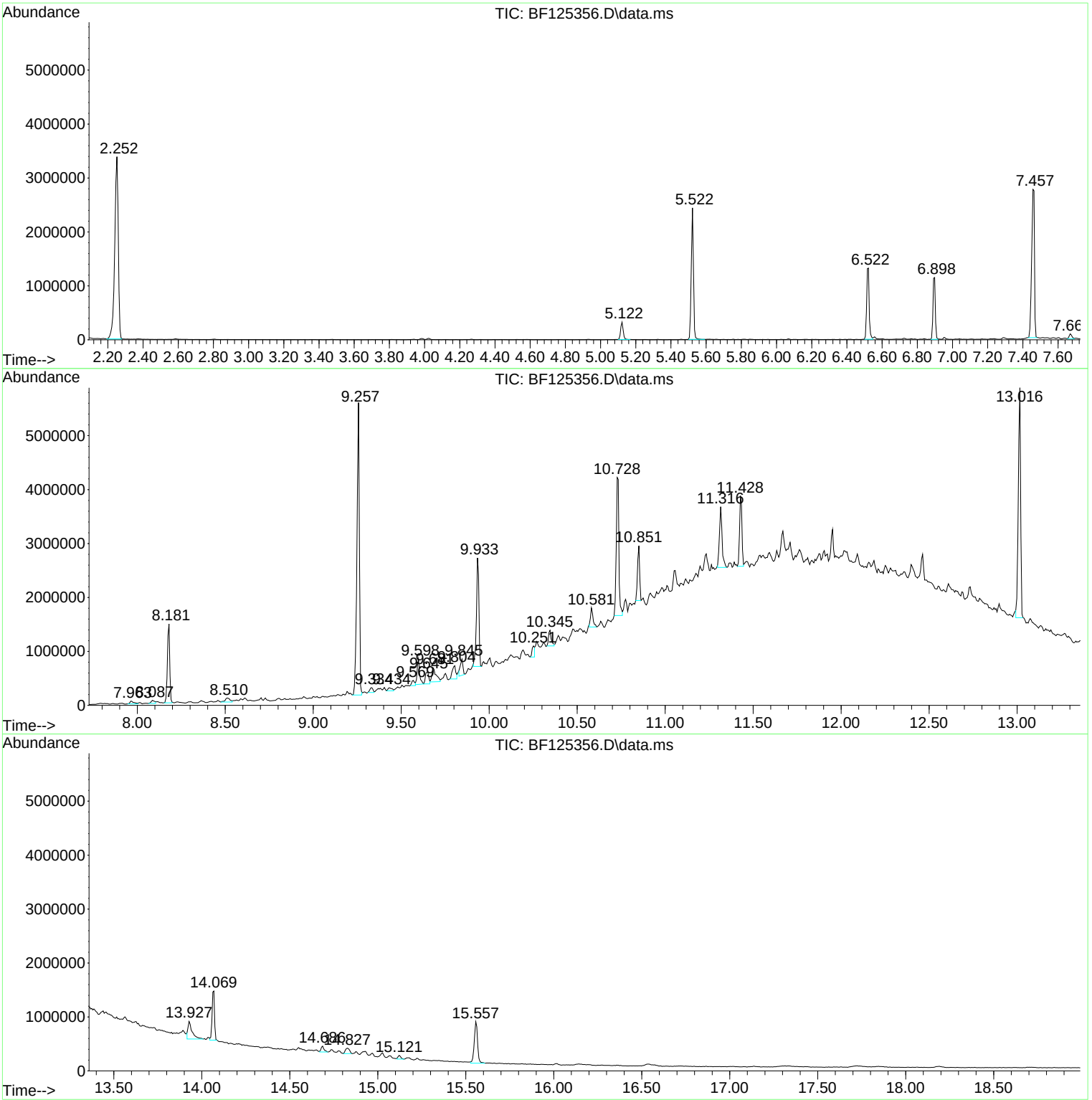
Sum of corrected areas: 37000568

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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\BF090321\
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**Instrument :**
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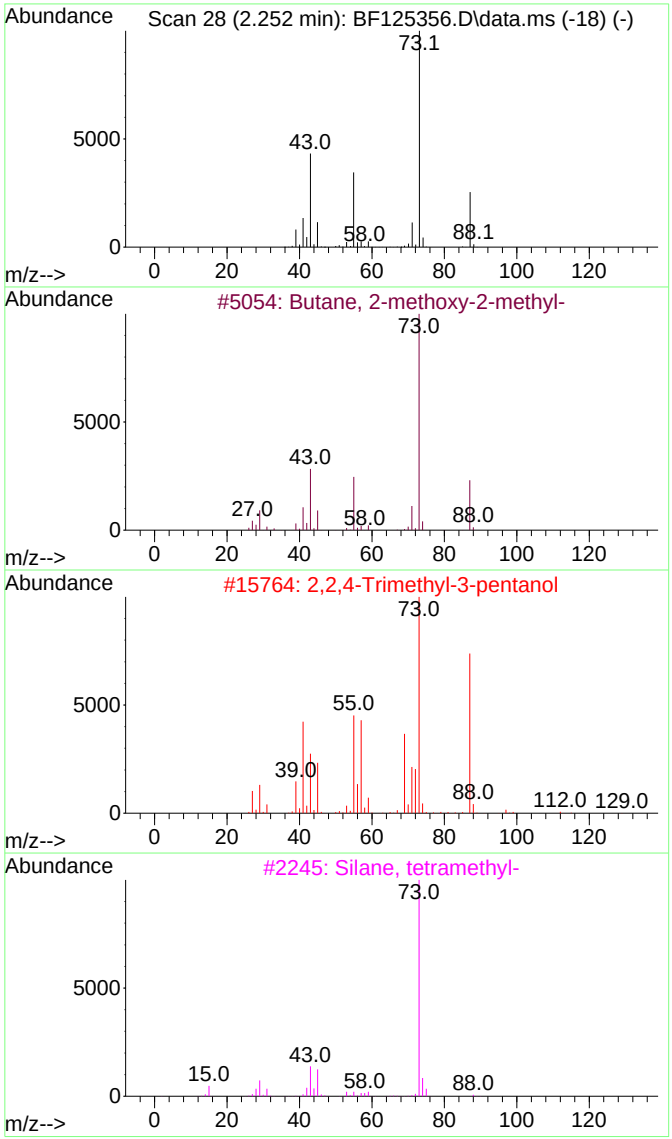
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

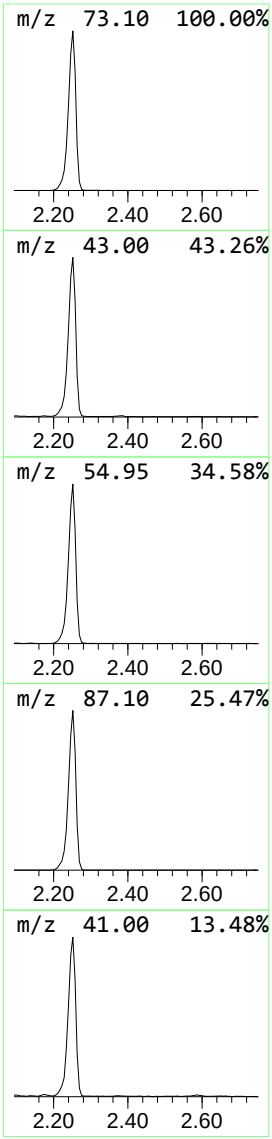
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.252 | 89.98 ng | 4735330 | 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 | 40 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 38 |
| 4 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 23 |
| 5 | 2-Methyl-5-hexen-3-ol | 114 | C7H14O | 032815-70-6 | 23 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

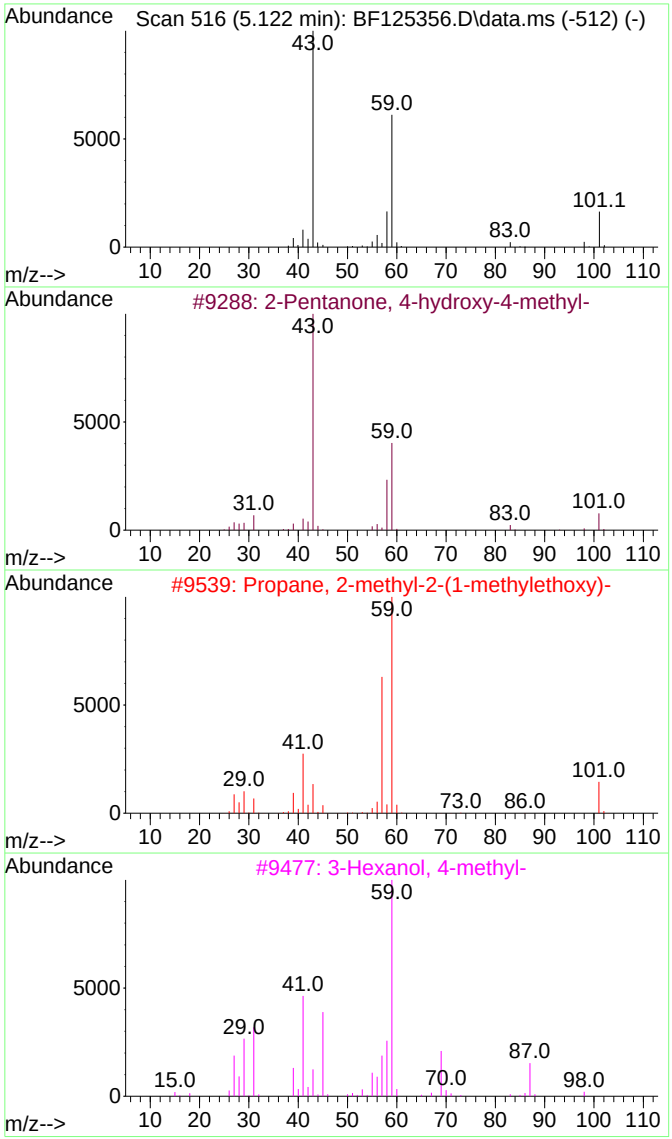
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

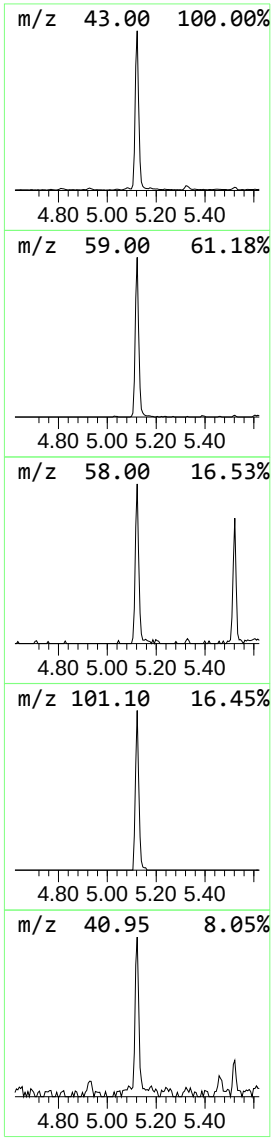
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.122 | 6.17 ng | 324861 | 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 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |
| 5 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 28 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

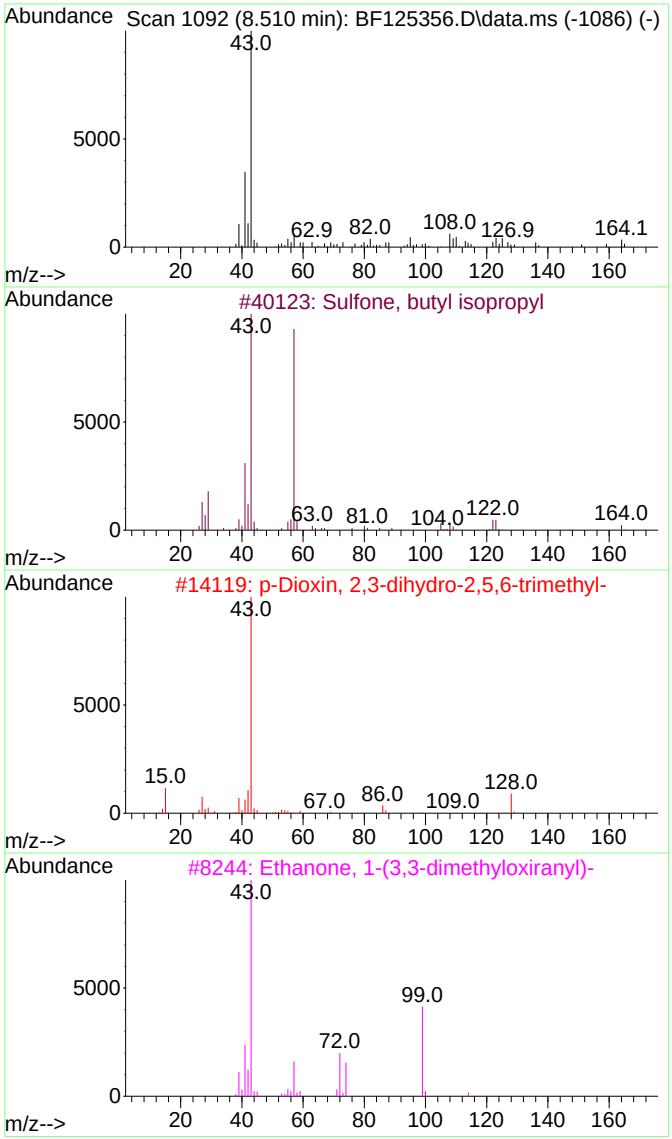
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

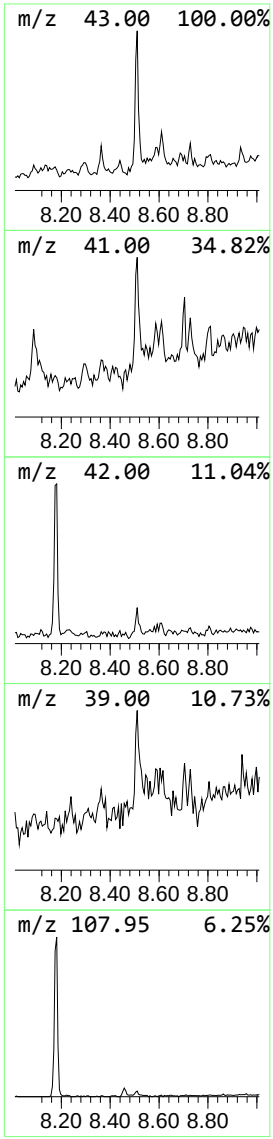
**********

Peak Number 3 unknown8.510 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.510 | 2.19 ng | 147270 | Naphthalene-d8 | 8.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfone, butyl isopropyl | 164 | C7H16O2S | 031124-40-0 | 42 |
| 2 | p-Dioxin, 2,3-dihydro-2,5,6-trim... | 128 | C7H12O2 | 003973-27-1 | 38 |
| 3 | Ethanone, 1-(3,3-dimethyloxiranyl)- | 114 | C6H10O2 | 004478-63-1 | 35 |
| 4 | 2,6-Heptanedione | 128 | C7H12O2 | 013505-34-5 | 28 |
| 5 | Propane, 1,1'-sulfonylbis- | 150 | C6H14O2S | 000598-03-8 | 28 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
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Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

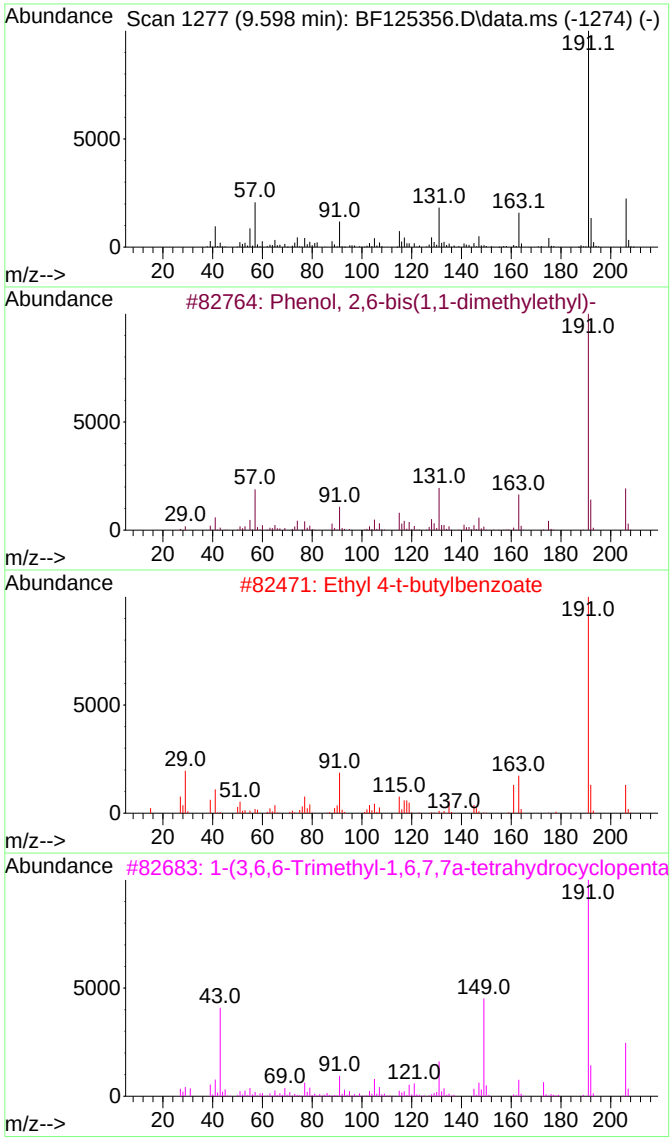
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

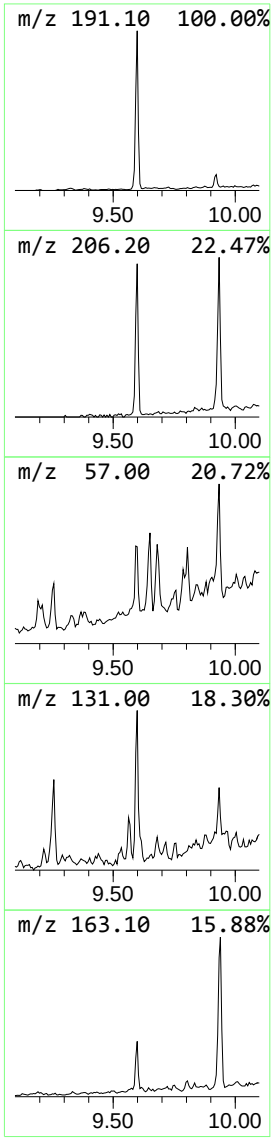
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.598 | 4.65 ng | 454679 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 95 |
| 2 | Ethyl 4-t-butylbenzoate | 206 | C13H18O2 | 005406-57-5 | 83 |
| 3 | 1-(3,6,6-Trimethyl-1,6,7,7a-tetr... | 206 | C13H18O2 | 1000194-97-2 | 80 |
| 4 | 3-(4-tert-Butylphenyl)propanoic ... | 206 | C13H18O2 | 001208-64-6 | 80 |
| 5 | 2,4-Di-tert-butylphenol | 206 | C14H22O | 000096-76-4 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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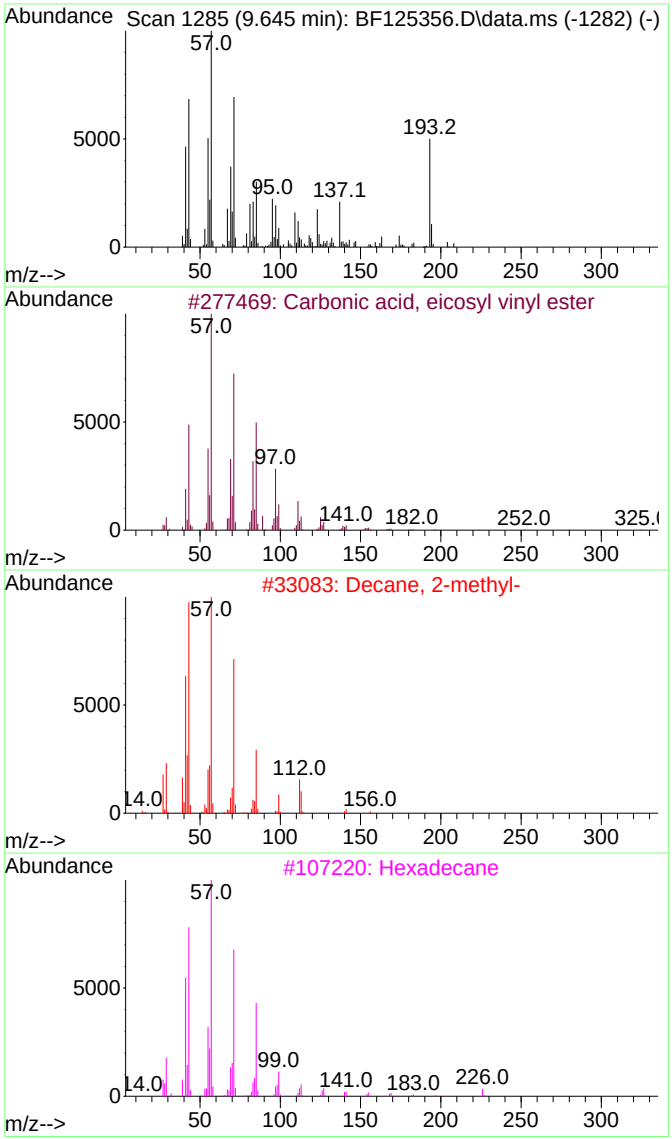
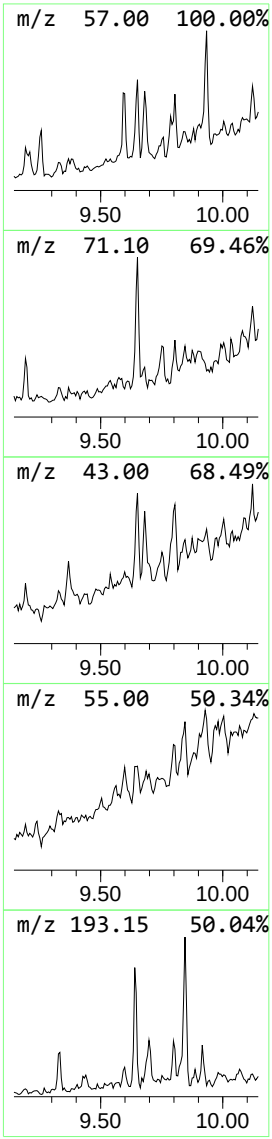
**********

Peak Number 5 unknown9.645 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.645 | 3.04 ng | 297080 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 35 |
| 2 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 20 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 14 |
| 4 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 14 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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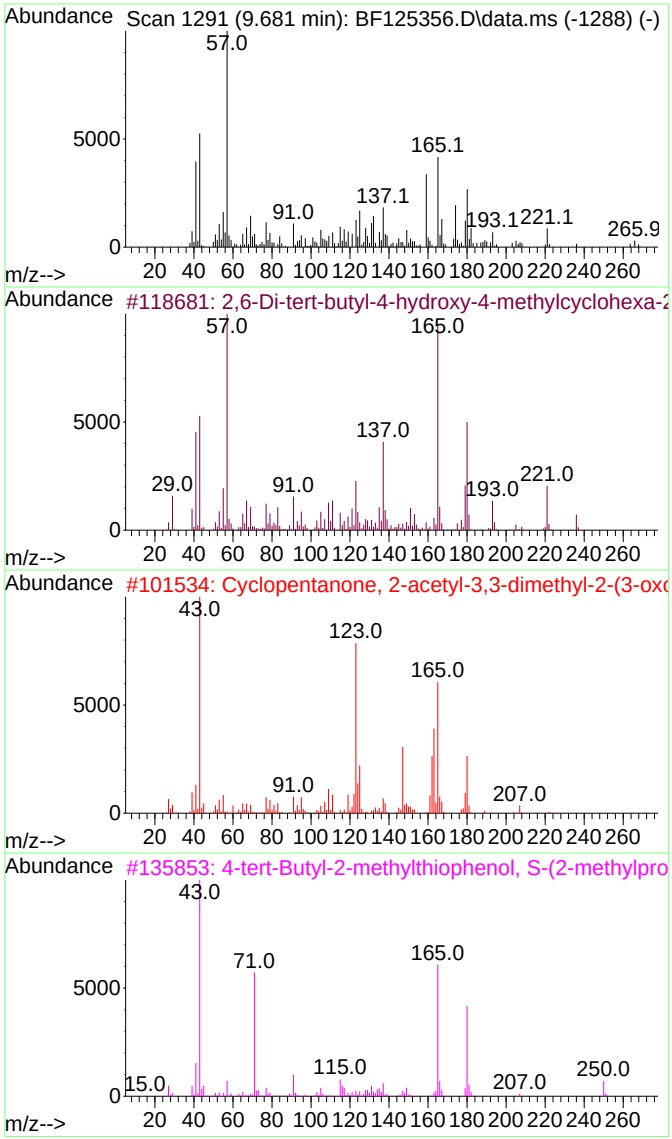
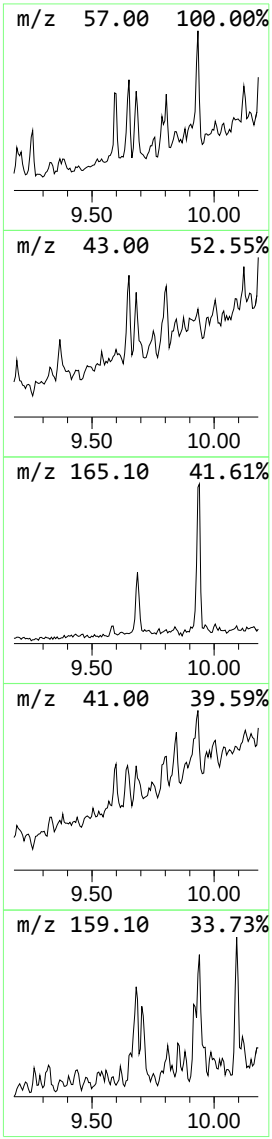
**********

Peak Number 6 unknown9.681 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.681 | 4.44 ng | 433963 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,6-Di-tert-butyl-4-hydroxy-4-me... | 236 | C15H24O2 | 010396-80-2 | 45 |
| 2 | Cyclopentanone, 2-acetyl-3,3-dim... | 222 | C13H18O3 | 070412-49-6 | 38 |
| 3 | 4-tert-Butyl-2-methylthiophenol,... | 250 | C15H22OS | 1000470-40-3 | 16 |
| 4 | 1,1,2,2-Tetraacetylethane | 198 | C10H14O4 | 005027-32-7 | 16 |
| 5 | N-(6-Acetamido-1,3-benzothiazol-... | 249 | C11H11N3O2S | 313537-69-8 | 14 |



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**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

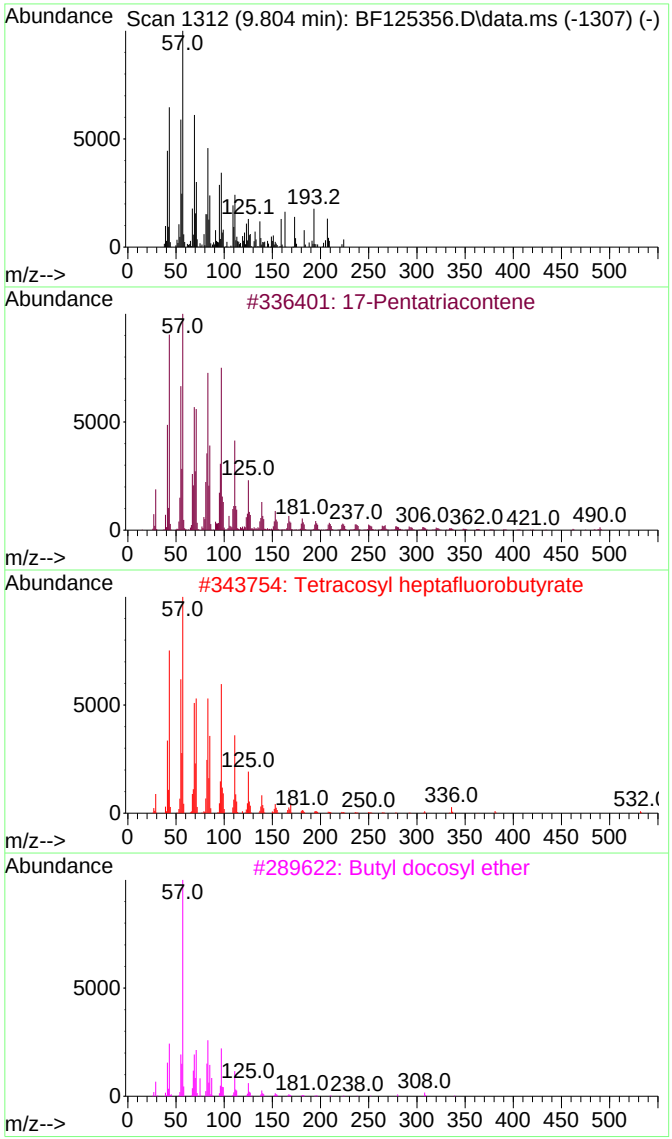
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

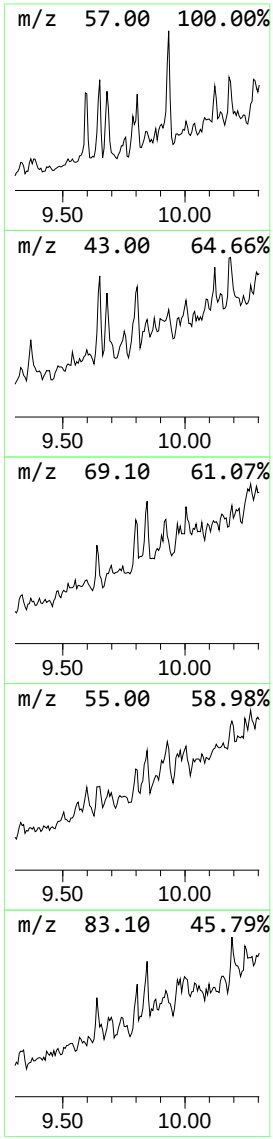
**********

Peak Number 7 17-Pentatriacontene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.804 | 3.59 ng | 350748 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 52 |
| 2 | Tetracosyl heptafluorobutyrate | 550 | C28H49F7O2 | 1000351-83-7 | 46 |
| 3 | Butyl docosyl ether | 382 | C26H54O | 1000406-40-8 | 46 |
| 4 | Octacosyl heptafluorobutyrate | 606 | C32H57F7O2 | 1010351-83-6 | 46 |
| 5 | Butyl eicosyl ether | 354 | C24H50O | 1000406-40-7 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

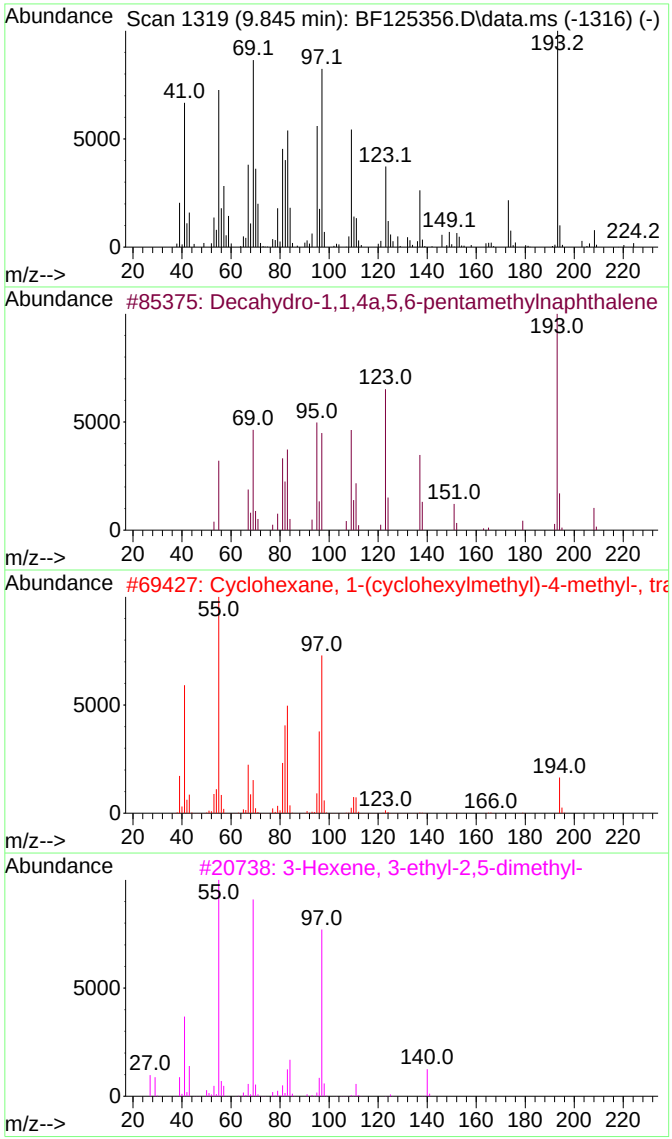
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

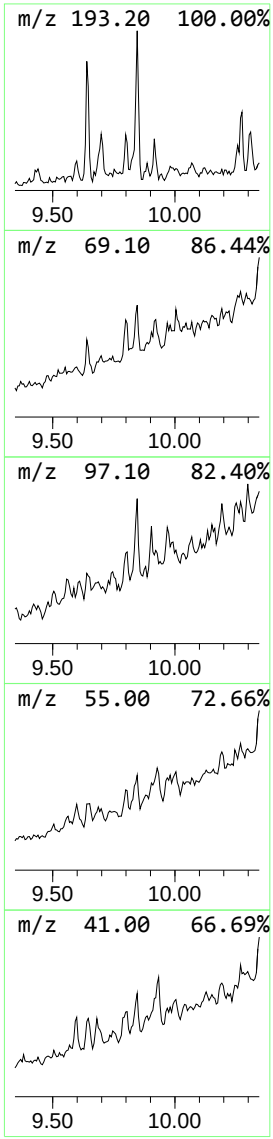
**********

Peak Number 8 unknown9.845 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.845 | 3.18 ng | 311267 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28 | 080655-44-3 | 30 |
| 2 | Cyclohexane, 1-(cyclohexylmethyl... | 194 | C14H26 | 054823-98-2 | 30 |
| 3 | 3-Hexene, 3-ethyl-2,5-dimethyl- | 140 | C10H20 | 062338-08-3 | 27 |
| 4 | 4-Hexen-3-one, 4,5-dimethyl- | 126 | C8H14O | 017325-90-5 | 25 |
| 5 | Cyclopentanecarboxylic acid, eth... | 140 | C8H12O2 | 016523-06-1 | 22 |



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Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

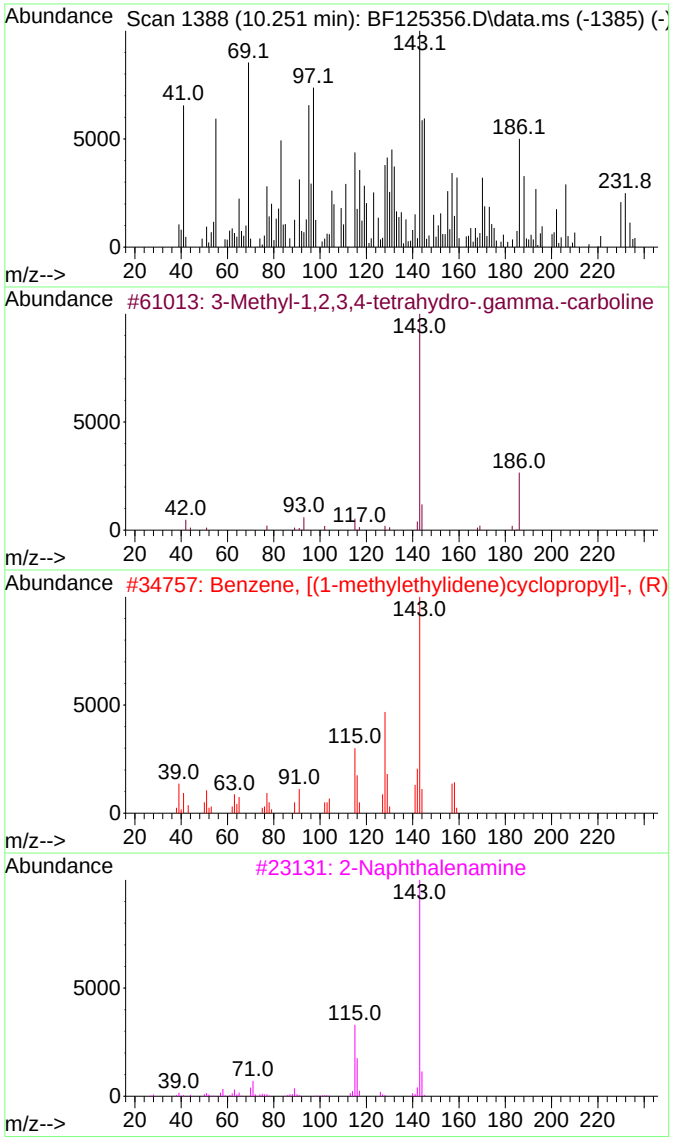
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

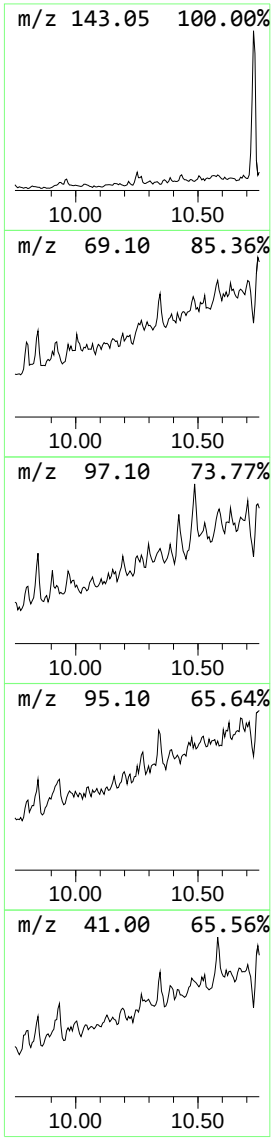
**********

Peak Number 9 unknown10.251 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.251 | 2.11 ng | 206491 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methyl-1,2,3,4-tetrahydro-.gam... | 186 | C12H14N2 | 005094-12-2 | 25 |
| 2 | Benzene, [(1-methylethylidene)cy... | 158 | C12H14 | 024524-55-8 | 15 |
| 3 | 2-Naphthalenamine | 143 | C10H9N | 000091-59-8 | 11 |
| 4 | 2-Hexene, 3,4,4-trimethyl- | 126 | C9H18 | 053941-19-8 | 11 |
| 5 | 5-Benzimidazolecarbonitrile | 143 | C8H5N3 | 006287-83-8 | 11 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

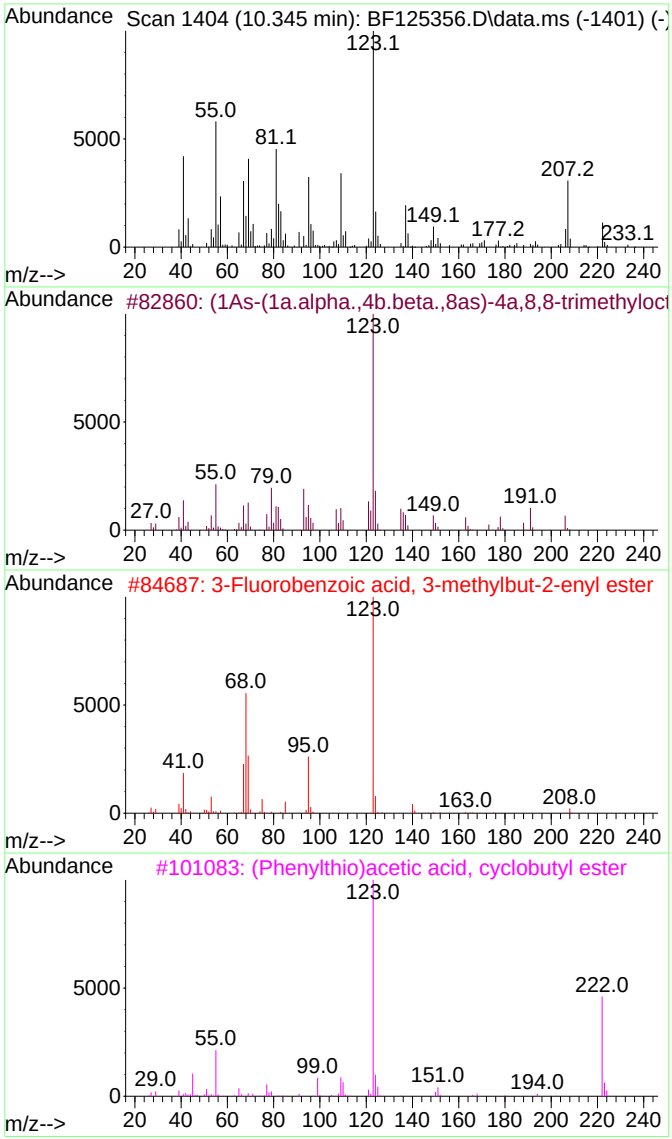
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

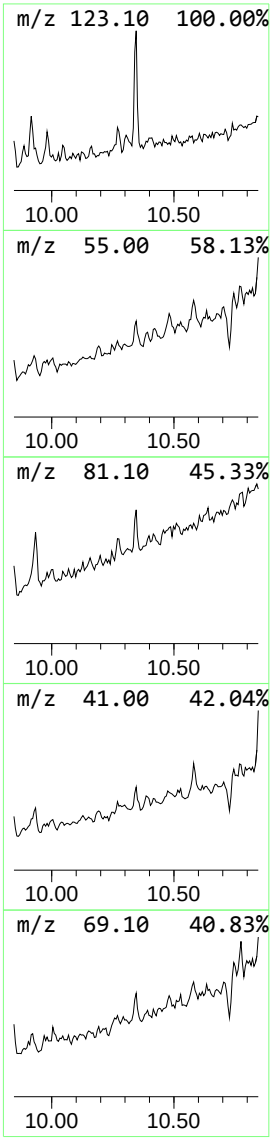
**********

Peak Number 10 unknown10.345 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.345 | 3.19 ng | 311969 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (1As-(1a.alpha.,4b.beta.,8as)-4a... | 206 | C14H22O | 082262-79-1 | 47 |
| 2 | 3-Fluorobenzoic acid, 3-methylbu... | 208 | C12H13FO2 | 154559-38-3 | 46 |
| 3 | (Phenylthio)acetic acid, cyclobu... | 222 | C12H14O2S | 1010299-95-5 | 45 |
| 4 | 3-Fluorobenzoic acid, pent-2-en-... | 204 | C12H9FO2 | 1000292-60-2 | 43 |
| 5 | 3-Fluorobenzoic acid, 3-tridecyl... | 322 | C20H31FO2 | 1010280-60-3 | 43 |



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Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

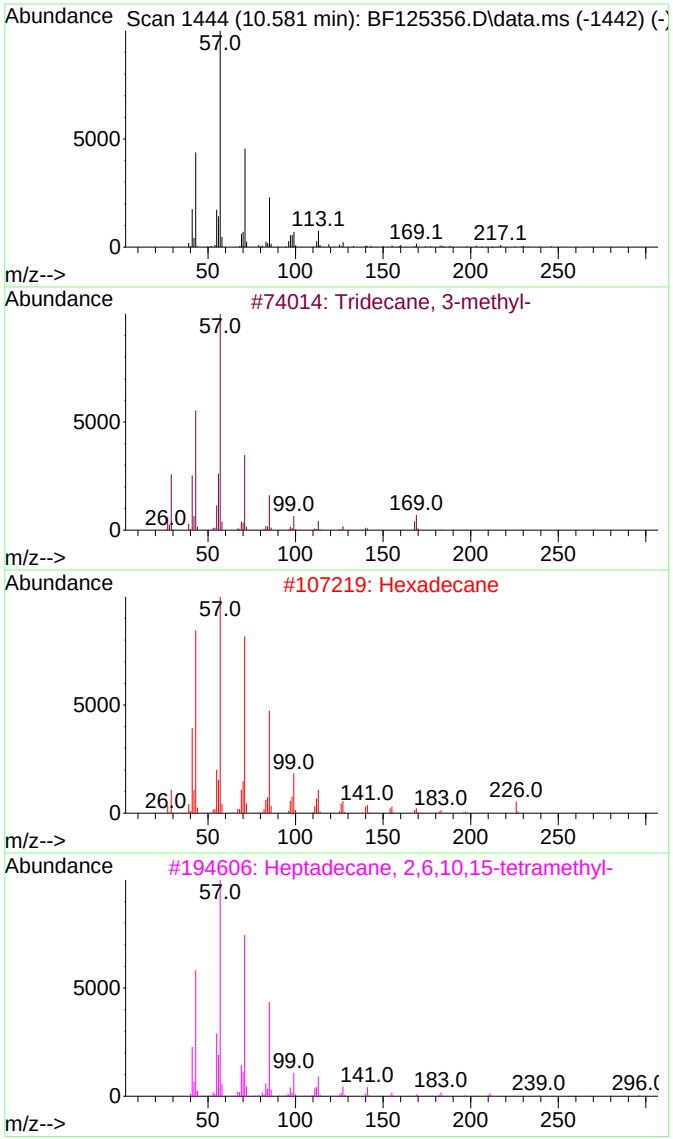
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

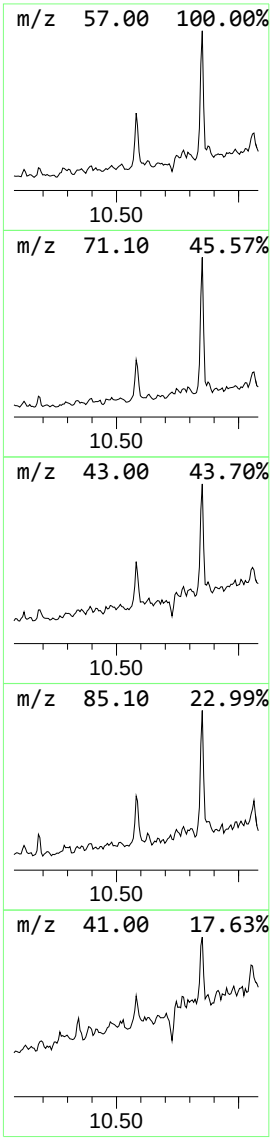
**********

Peak Number 11 Tridecane, 3-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.581 | 3.49 ng | 341182 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 81 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |
| 3 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 64 |
| 4 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 59 |
| 5 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

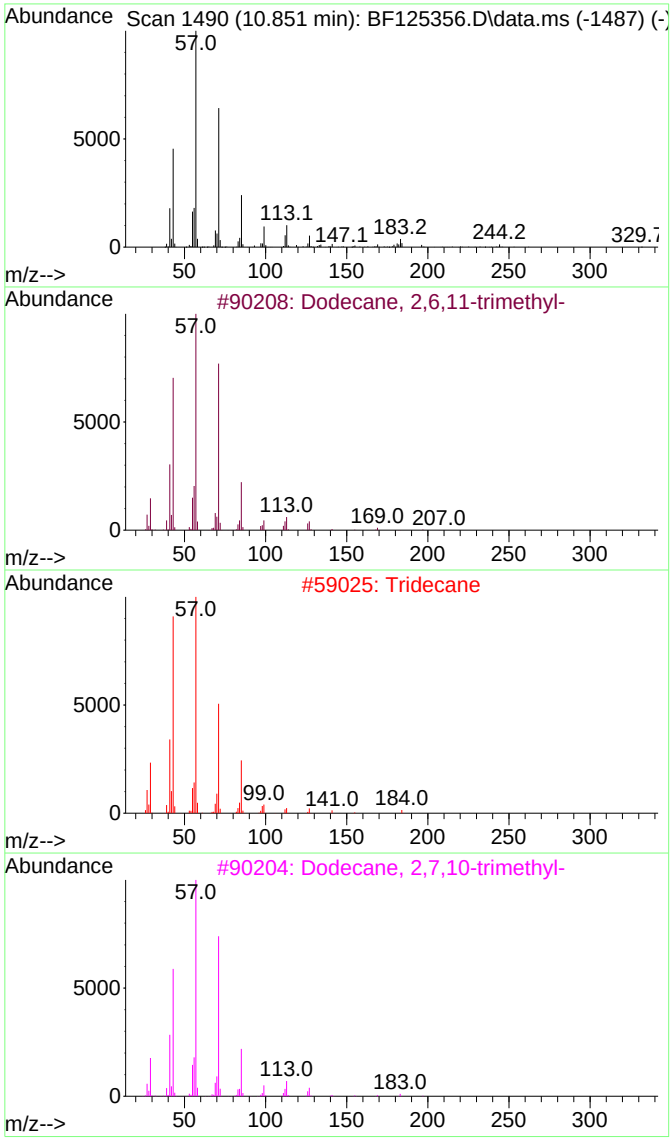
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

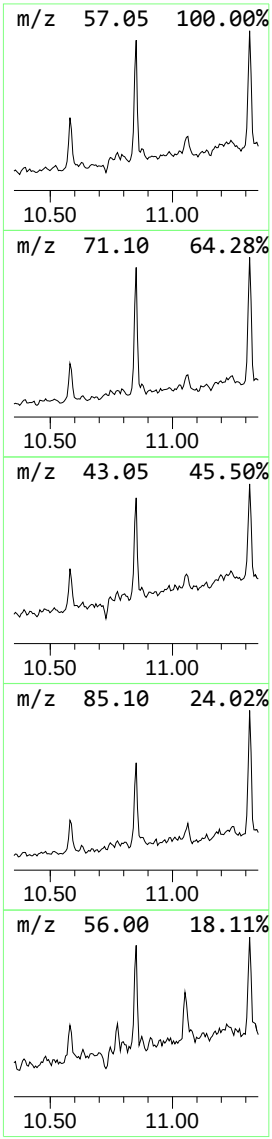
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.851 | 13.87 ng | 841087 | Phenanthrene-d10 | 11.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 80 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 64 |
| 3 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 64 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 59 |
| 5 | Dodecane | 170 | C12H26 | 000112-40-3 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

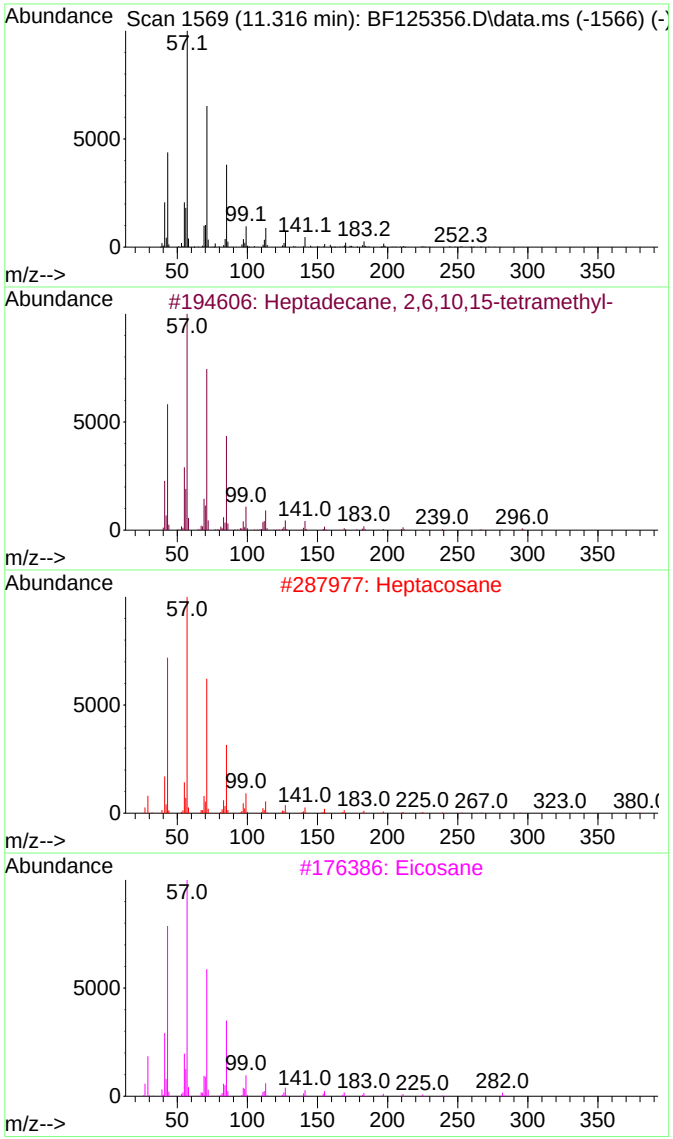
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

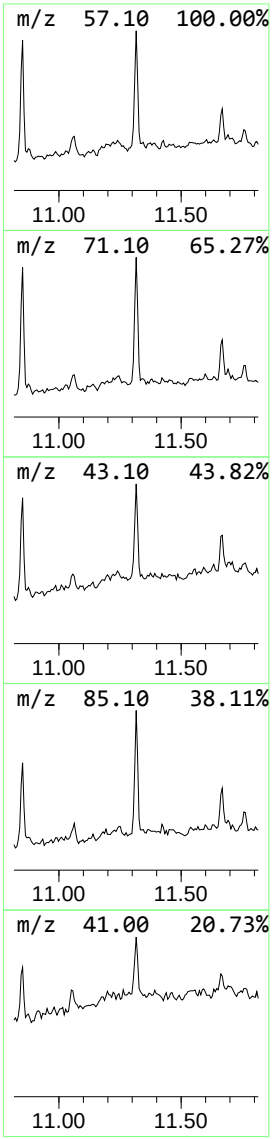
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.316 | 19.45 ng | 1179300 | Phenanthrene-d10 | 11.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 90 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 4 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 90 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

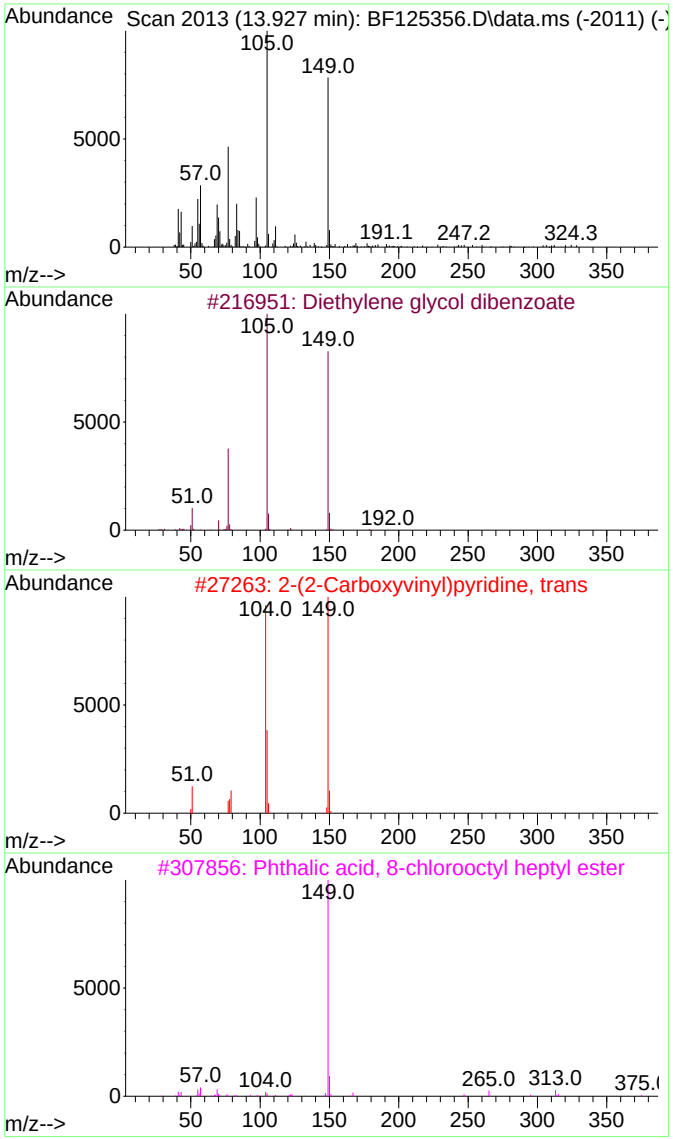
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

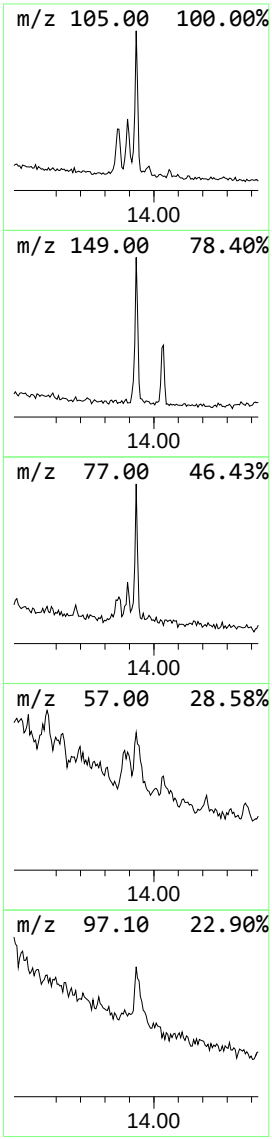
**********

Peak Number 14 unknown13.927 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.927 | 12.29 ng | 531440 | Chrysene-d12 | 14.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethylene glycol dibenzoate | 314 | C18H18O5 | 000120-55-8 | 47 |
| 2 | 2-(2-Carboxyvinyl)pyridine, trans | 149 | C8H7NO2 | 007340-22-9 | 38 |
| 3 | Phthalic acid, 8-chlorooctyl hep... | 410 | C23H35ClO4 | 1000356-86-3 | 27 |
| 4 | Phthalic acid, neopentyl 2-propy... | 278 | C16H22O4 | 1000315-56-1 | 27 |
| 5 | Phthalic acid, heptyl pent-2-en-... | 328 | C20H24O4 | 1000315-45-5 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 06-07-24

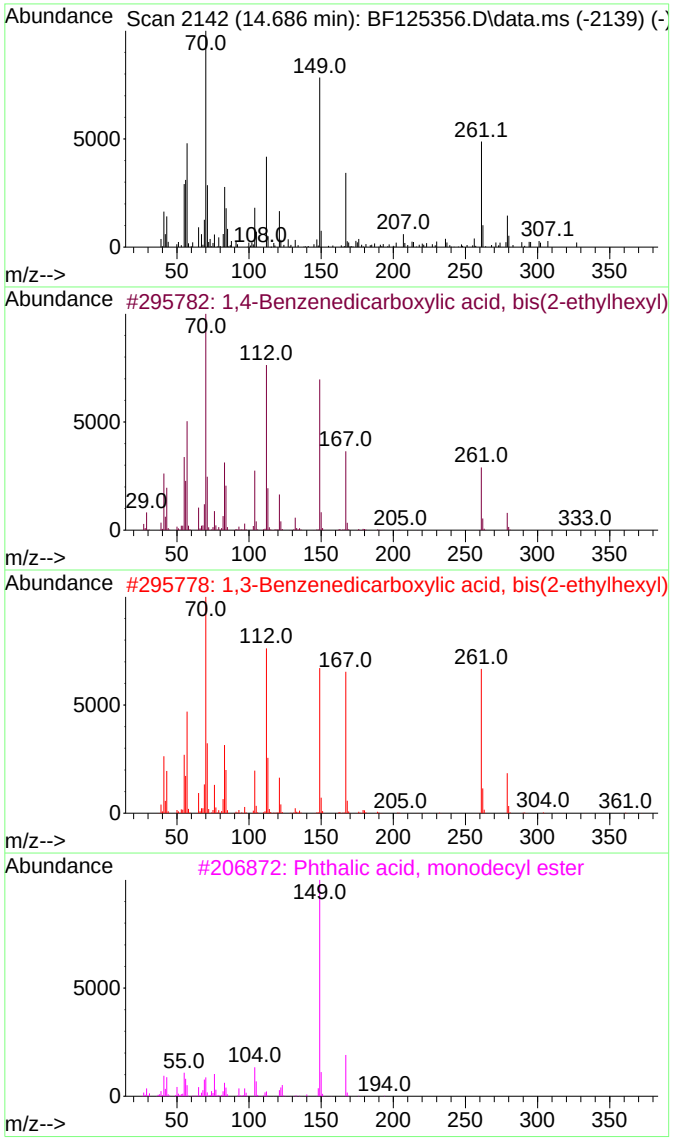
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

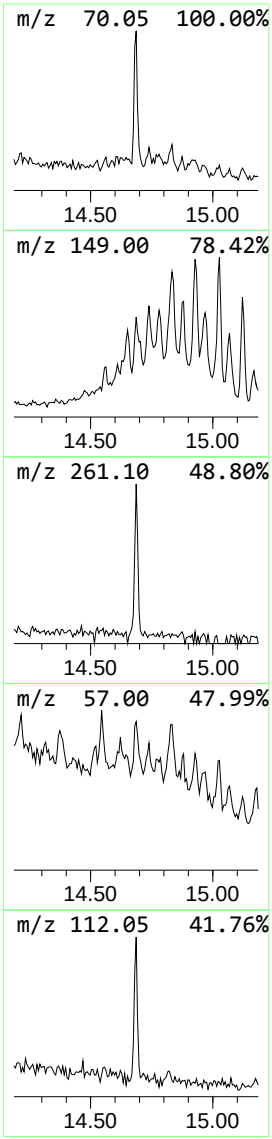
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 1,4-Benzenedicarboxylic aci... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.686 | 2.88 ng | 124539 | Chrysene-d12 | 14.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 006422-86-2 | 53 |
| 2 | 1,3-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 000137-89-3 | 50 |
| 3 | Phthalic acid, monodecyl ester | 306 | C18H26O4 | 024539-60-4 | 27 |
| 4 | 2-Propenoic acid, 2-methyl-, oct... | 198 | C12H22O2 | 002157-01-9 | 27 |
| 5 | Phthalic acid, di(2,4,4-trimethy... | 390 | C24H38O4 | 1010377-78-5 | 16 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 06-07-24

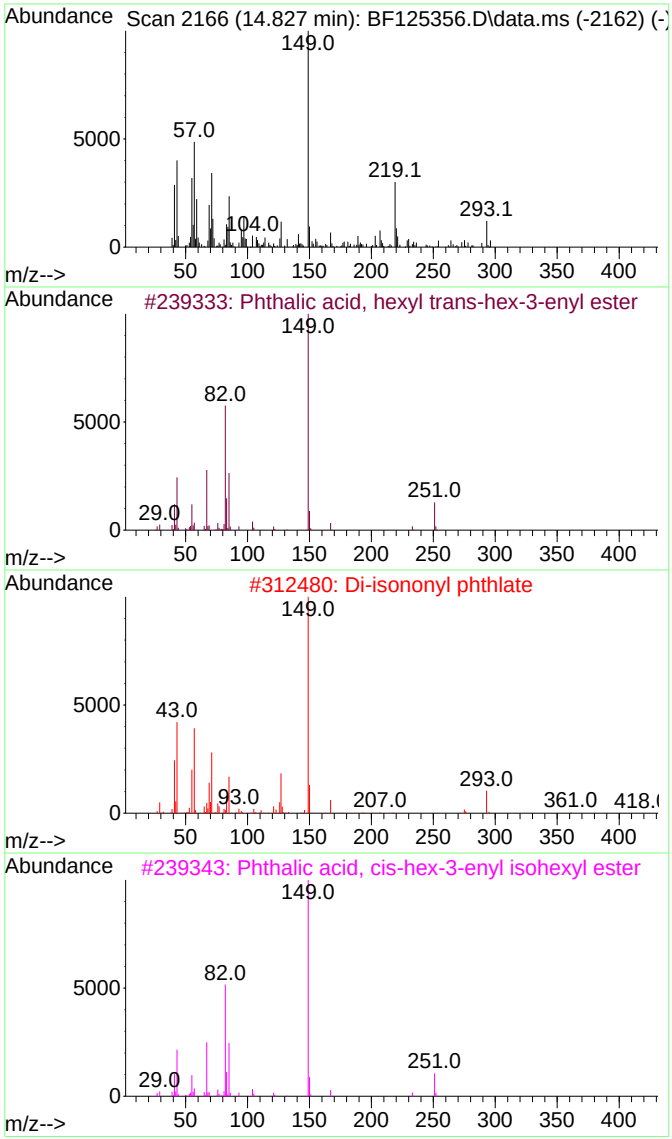
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

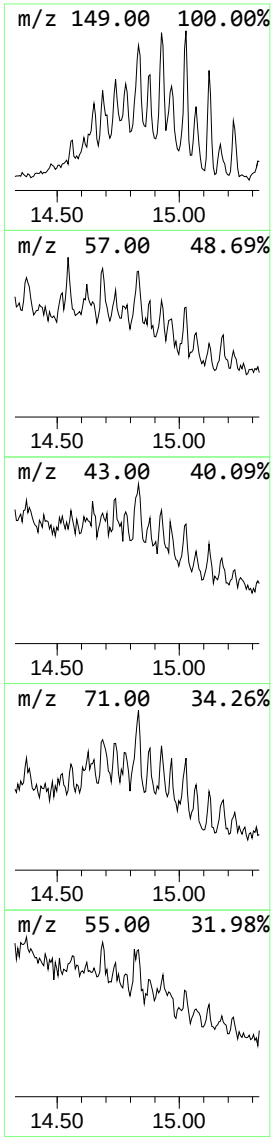
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Phthalic acid, hexyl trans-... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.827 | 3.19 ng | 160792 | Perylene-d12 | 15.557 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phthalic acid, hexyl trans-hex-3... | 332 | C20H28O4 | 1010360-48-4 | 47 |
| 2 | Di-isononyl phthlate | 418 | C26H42O4 | 020548-62-3 | 47 |
| 3 | Phthalic acid, cis-hex-3-enyl is... | 332 | C20H28O4 | 1000360-36-7 | 47 |
| 4 | Phthalic acid, isohexyl 3-methyl... | 320 | C19H28O4 | 1000356-80-6 | 43 |
| 5 | Phthalic acid, 2,4-dimethylpent-... | 390 | C24H38O4 | 1000356-84-8 | 43 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125356.D
Acq On : 3 Sep 2021 20:22
Operator : JU/CG
Sample : M3646-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 06-07-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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... | 2.252 | 90.0 | ng | 4735330 | 1 | 6.898 | 1052540 | 20.0 |
| 2-Pentanone, 4-... | 5.122 | 6.2 | ng | 324861 | 1 | 6.898 | 1052540 | 20.0 |
| unknown8.510 | 8.510 | 2.2 | ng | 147270 | 2 | 8.181 | 1347110 | 20.0 |
| Phenol, 2,6-bis... | 9.598 | 4.7 | ng | 454679 | 3 | 9.939 | 1956150 | 20.0 |
| unknown9.645 | 9.645 | 3.0 | ng | 297080 | 3 | 9.939 | 1956150 | 20.0 |
| unknown9.681 | 9.681 | 4.4 | ng | 433963 | 3 | 9.939 | 1956150 | 20.0 |
| 17-Pentatriacon... | 9.804 | 3.6 | ng | 350748 | 3 | 9.939 | 1956150 | 20.0 |
| unknown9.845 | 9.845 | 3.2 | ng | 311267 | 3 | 9.939 | 1956150 | 20.0 |
| unknown10.251 | 10.251 | 2.1 | ng | 206491 | 3 | 9.939 | 1956150 | 20.0 |
| unknown10.345 | 10.345 | 3.2 | ng | 311969 | 3 | 9.939 | 1956150 | 20.0 |
| Tridecane, 3-me... | 10.581 | 3.5 | ng | 341182 | 3 | 9.939 | 1956150 | 20.0 |
| Dodecane, 2,6,1... | 10.851 | 13.9 | ng | 841087 | 4 | 11.428 | 1212570 | 20.0 |
| Heptadecane, 2,... | 11.316 | 19.4 | ng | 1179300 | 4 | 11.428 | 1212570 | 20.0 |
| unknown13.927 | 13.927 | 12.3 | ng | 531440 | 5 | 14.069 | 864837 | 20.0 |
| 1,4-Benzenedica... | 14.686 | 2.9 | ng | 124539 | 5 | 14.069 | 864837 | 20.0 |
| Phthalic acid, ... | 14.827 | 3.2 | ng | 160792 | 6 | 15.557 | 1009570 | 20.0 |