LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139988.D
Acq On : 24 Oct 2024 02:34
Operator : RC/JU
Sample : P4468-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ETGI-329

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139988.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 | 8 | 17 | 24 | rBV | 1680825 | 2708767 | 100.00% | 12.575% |
| 2 | 5.116 | 504 | 514 | 519 | rBV | 33674 | 53407 | 1.97% | 0.248% |
| 3 | 5.504 | 574 | 580 | 586 | rBV | 1727110 | 2315237 | 85.47% | 10.748% |
| 4 | 6.510 | 744 | 751 | 763 | rBV | 1636848 | 2236679 | 82.57% | 10.383% |
| 5 | 6.892 | 810 | 816 | 821 | rVB | 574248 | 713845 | 26.35% | 3.314% |
| 6 | 7.445 | 904 | 910 | 915 | rBV | 1061233 | 1393345 | 51.44% | 6.468% |
| 7 | 7.698 | 949 | 953 | 959 | rBV | 22843 | 28832 | 1.06% | 0.134% |
| 8 | 8.169 | 1028 | 1033 | 1042 | rBV | 657625 | 838019 | 30.94% | 3.890% |
| 9 | 9.245 | 1210 | 1216 | 1226 | rBV | 1762546 | 2216628 | 81.83% | 10.290% |
| 10 | 9.927 | 1326 | 1332 | 1342 | rVB | 650793 | 832772 | 30.74% | 3.866% |
| 11 | 10.639 | 1447 | 1453 | 1460 | rBV | 388047 | 484016 | 17.87% | 2.247% |
| 12 | 10.710 | 1460 | 1465 | 1481 | rBV | 1023049 | 1342299 | 49.55% | 6.231% |
| 13 | 10.945 | 1495 | 1505 | 1509 | rBV | 45800 | 63407 | 2.34% | 0.294% |
| 14 | 11.410 | 1579 | 1584 | 1593 | rBV2 | 649385 | 1017049 | 37.55% | 4.721% |
| 15 | 11.486 | 1593 | 1597 | 1601 | rVB | 36343 | 48999 | 1.81% | 0.227% |
| 16 | 11.639 | 1618 | 1623 | 1630 | rBV2 | 20201 | 34633 | 1.28% | 0.161% |
| 17 | 11.933 | 1665 | 1673 | 1685 | rBV2 | 289114 | 506651 | 18.70% | 2.352% |
| 18 | 12.027 | 1685 | 1689 | 1697 | rVV3 | 39244 | 76838 | 2.84% | 0.357% |
| 19 | 12.204 | 1715 | 1719 | 1727 | rBV3 | 14476 | 34557 | 1.28% | 0.160% |
| 20 | 12.439 | 1755 | 1759 | 1766 | rVB2 | 18503 | 30519 | 1.13% | 0.142% |
| 21 | 12.627 | 1786 | 1791 | 1795 | rBV | 155876 | 213723 | 7.89% | 0.992% |
| 22 | 12.721 | 1803 | 1807 | 1812 | rBV | 67760 | 105394 | 3.89% | 0.489% |
| 23 | 12.851 | 1820 | 1829 | 1834 | rBV | 124415 | 222937 | 8.23% | 1.035% |
| 24 | 12.998 | 1848 | 1854 | 1862 | rBV | 1884774 | 2385363 | 88.06% | 11.073% |
| 25 | 13.898 | 2003 | 2007 | 2018 | rBV2 | 118007 | 217493 | 8.03% | 1.010% |
| 26 | 14.051 | 2028 | 2033 | 2045 | rVB | 615912 | 911163 | 33.64% | 4.230% |
| 27 | 15.533 | 2280 | 2285 | 2297 | rVB | 310874 | 509164 | 18.80% | 2.364% |

Sum of corrected areas: 21541736

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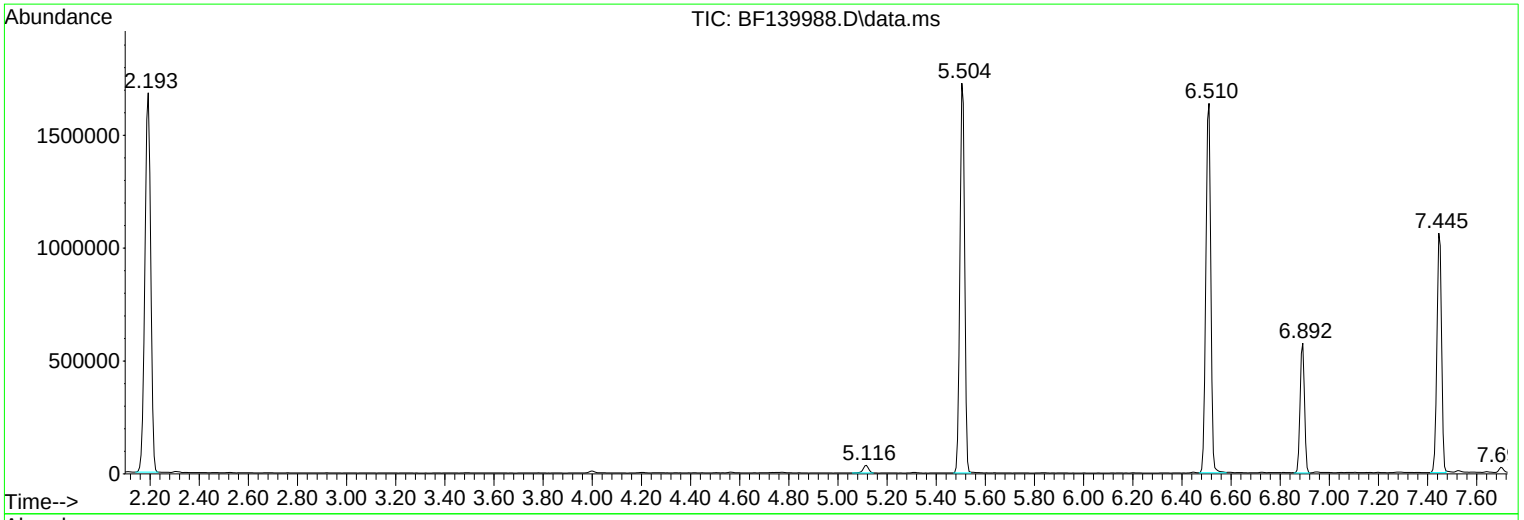
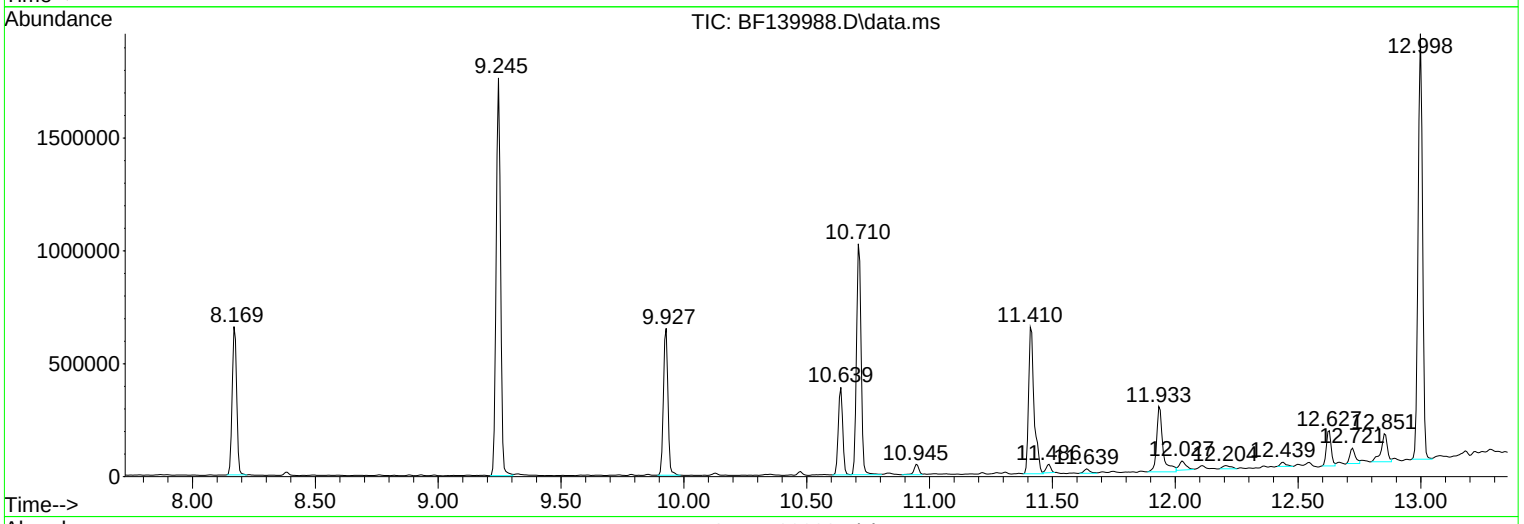
Misc :
ALS Vial : 25 Sample Multiplier: 1

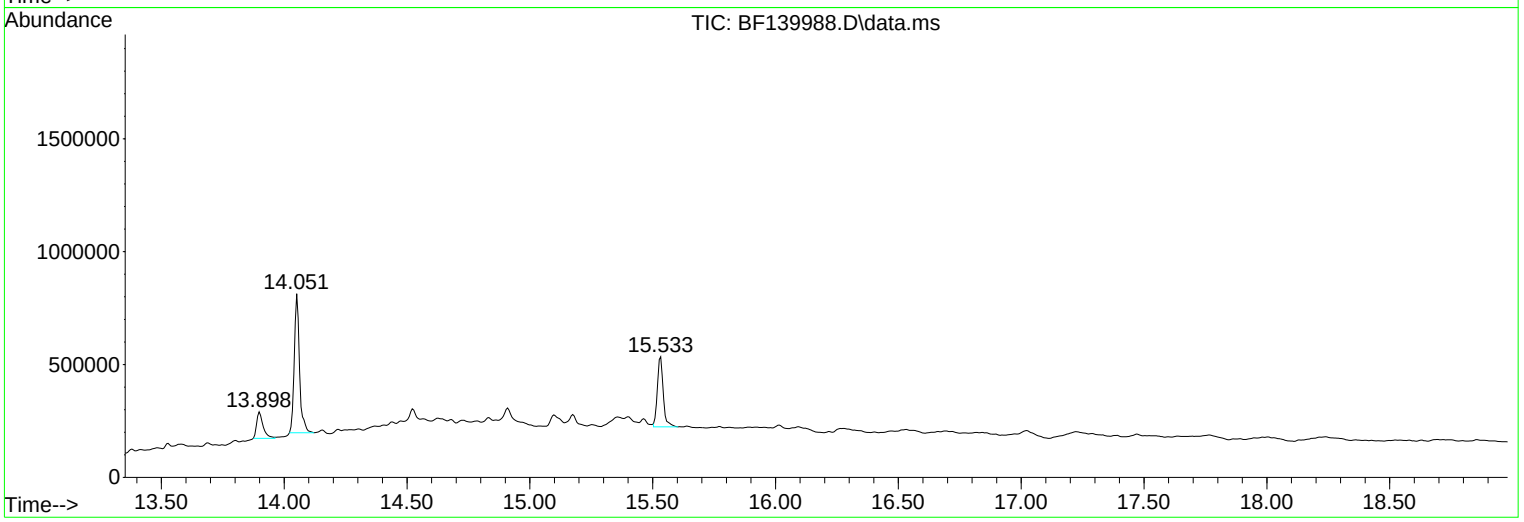
**Instrument :**
BNA_F
**ClientSampleId :**
ETGI-329

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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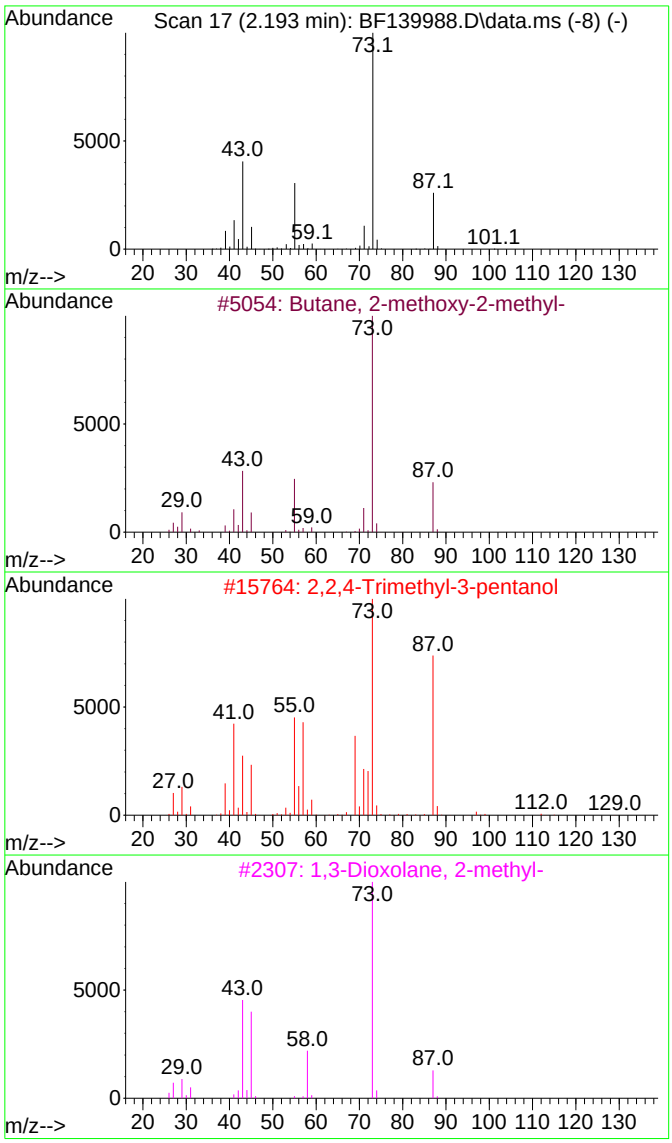
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

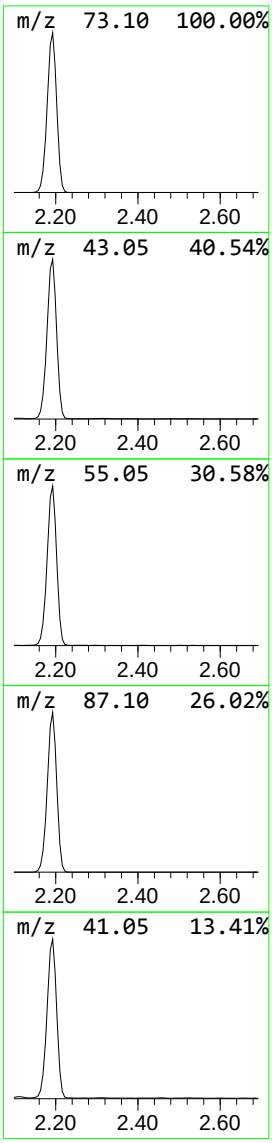
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.193 | 75.89 ng | 2708770 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
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Acq On : 24 Oct 2024 02:34
Operator : RC/JU
Sample : P4468-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ETGI-329

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

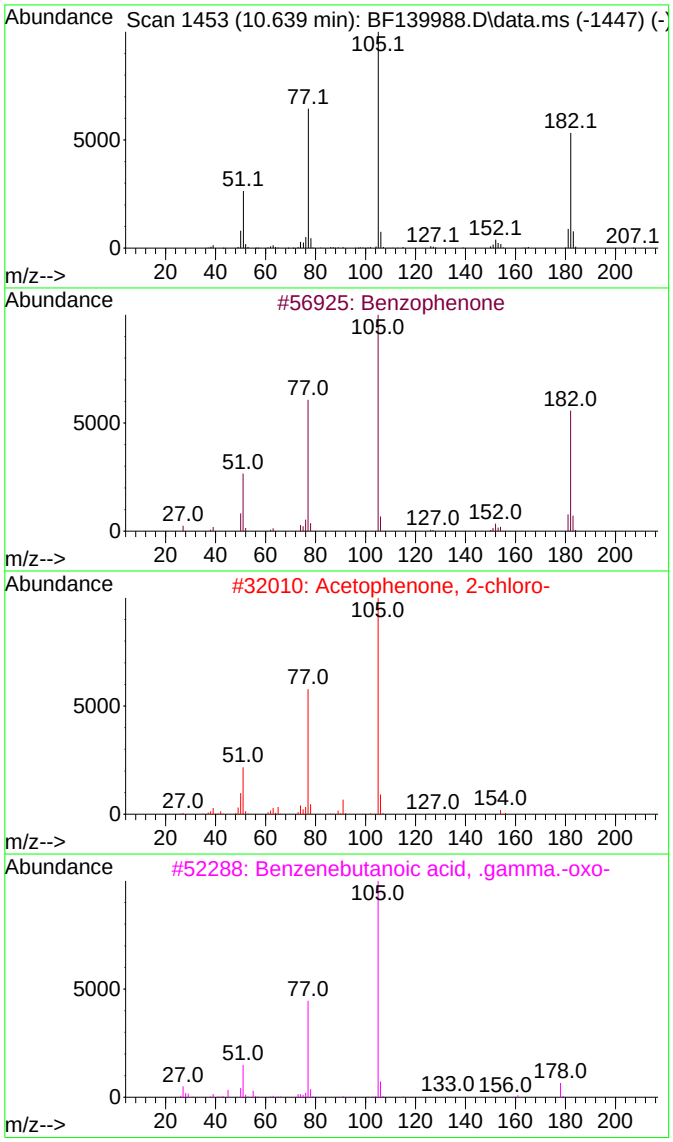
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

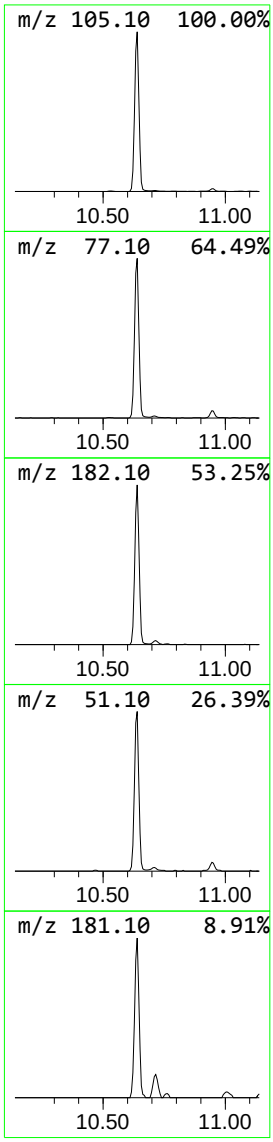
**********

Peak Number 2 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.639 | 11.62 ng | 484016 | Acenaphthene-d10 | 9.927 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 49 |
| 3 | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 47 |
| 4 | Benzenepropanenitrile, .beta.-oxo- | 145 | C9H7NO | 000614-16-4 | 47 |
| 5 | Vinyl benzoate | 148 | C9H8O2 | 000769-78-8 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139988.D
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Operator : RC/JU
Sample : P4468-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ETGI-329

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

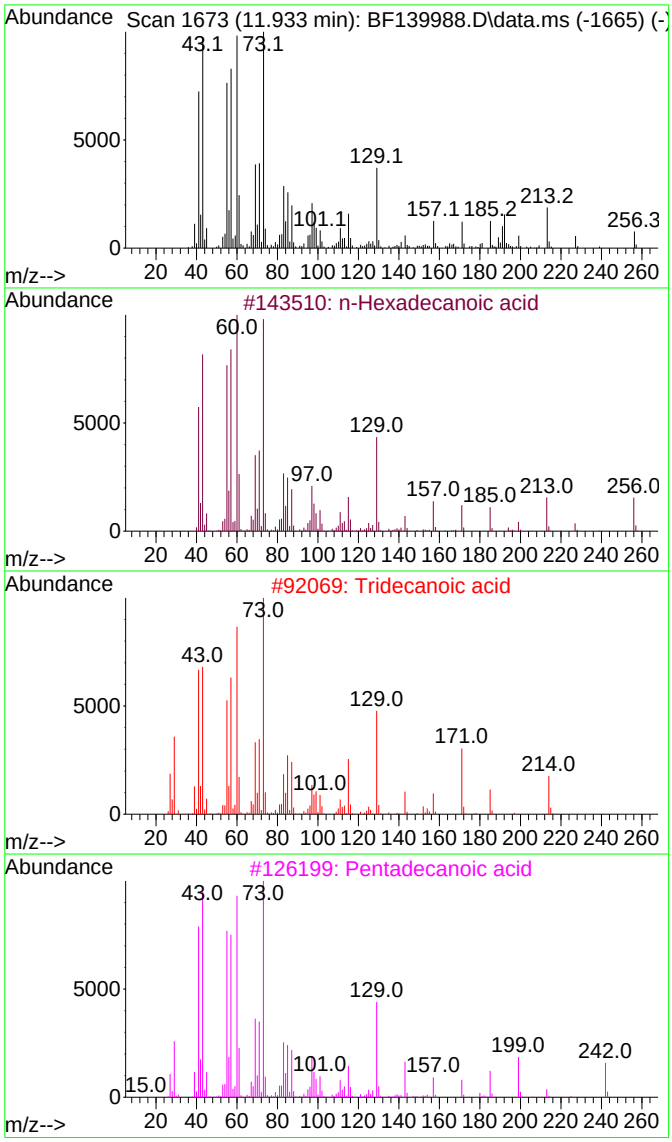
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

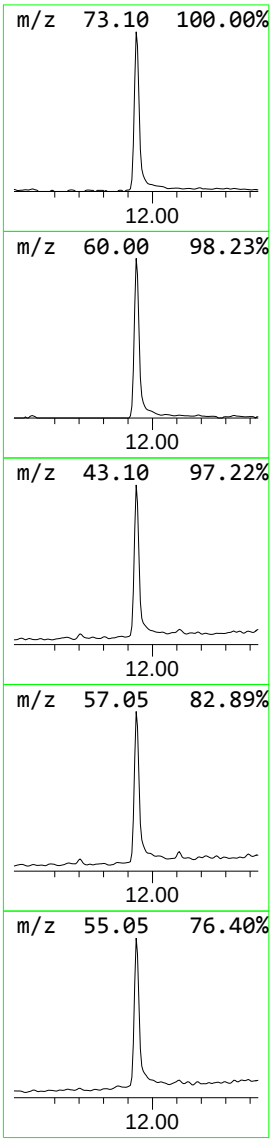
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.933 | 9.96 ng | 506651 | Phenanthrene-d10 | 11.410 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 95 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 68 |



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Acq On : 24 Oct 2024 02:34
Operator : RC/JU
Sample : P4468-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ETGI-329

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

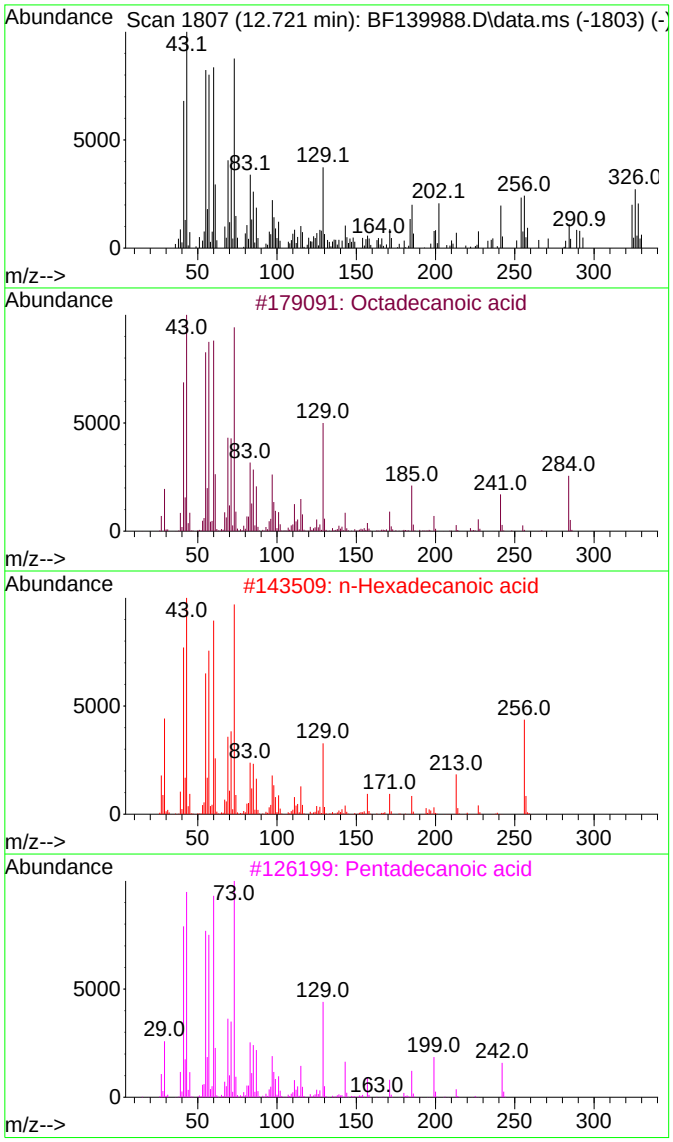
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

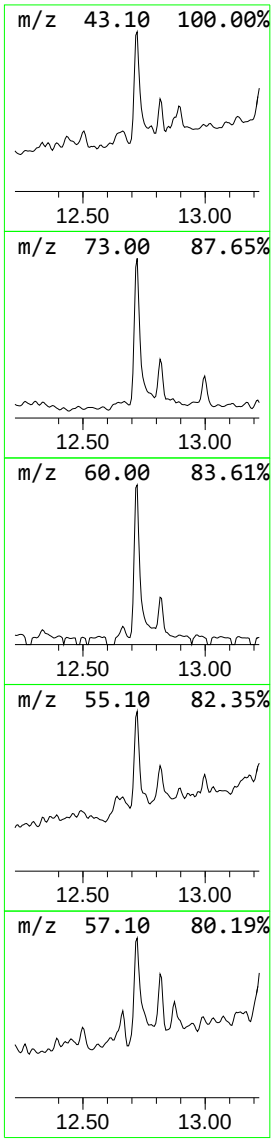
**********

Peak Number 4 Octadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.721 | 2.07 ng | 105394 | Phenanthrene-d10 | 11.410 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 81 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 60 |
| 4 | Heneicosanoic acid | 326 | C21H42O2 | 002363-71-5 | 56 |
| 5 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 48 |



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Operator : RC/JU
Sample : P4468-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ETGI-329

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

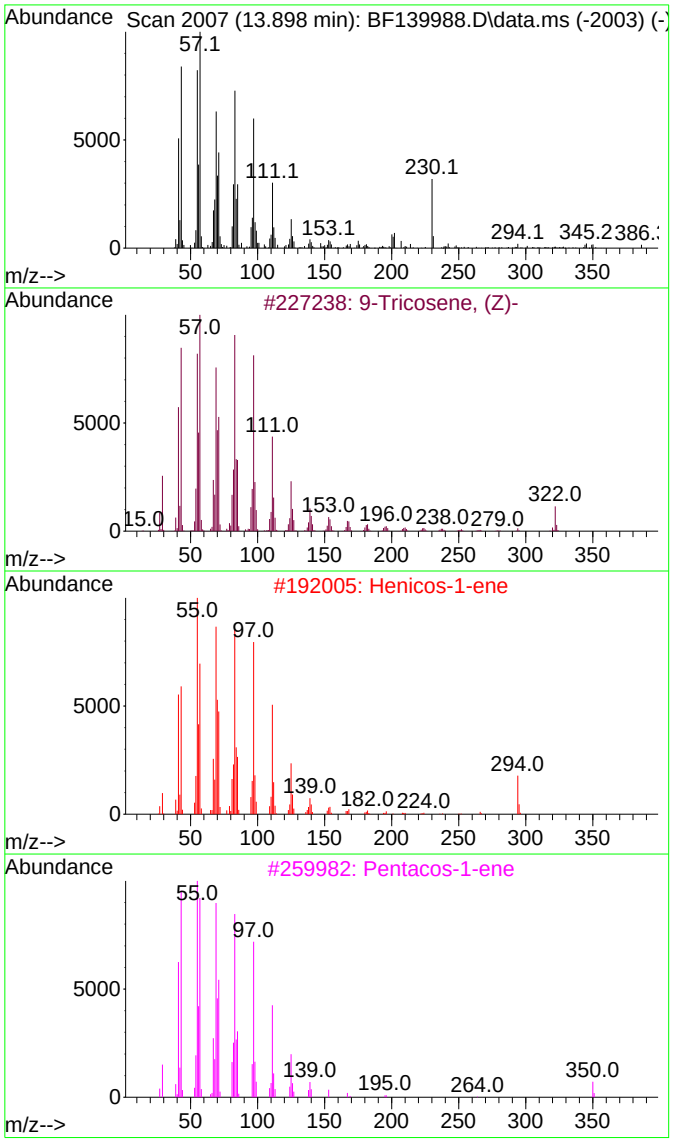
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

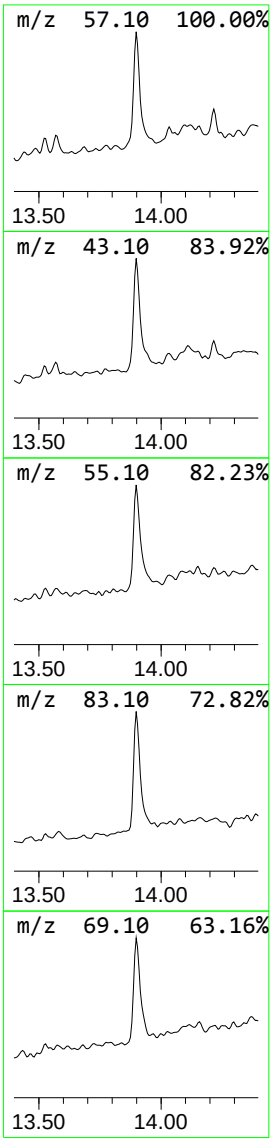
**********

Peak Number 5 9-Tricosene, (Z)- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.898 | 4.77 ng | 217493 | Chrysene-d12 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 99 |
| 2 | Henicos-1-ene | 294 | C21H42 | 001599-68-4 | 98 |
| 3 | Pentacos-1-ene | 350 | C25H50 | 016980-85-1 | 94 |
| 4 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 93 |
| 5 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139988.D
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Sample : P4468-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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 | 75.9 | ng | 2708770 | 1 | 6.892 | 713845 | 20.0 |
| Benzophenone | 10.639 | 11.6 | ng | 484016 | 3 | 9.927 | 832772 | 20.0 |
| n-Hexadecanoic ... | 11.933 | 10.0 | ng | 506651 | 4 | 11.410 | 1017050 | 20.0 |
| Octadecanoic acid | 12.721 | 2.1 | ng | 105394 | 4 | 11.410 | 1017050 | 20.0 |
| 9-Tricosene, (Z)- | 13.898 | 4.8 | ng | 217493 | 5 | 14.051 | 911163 | 20.0 |