LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142547.D
Acq On : 23 May 2025 20:53
Operator : RC/JU
Sample : Q2100-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-21

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142547.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.110 | 485 | 496 | 515 | rBV | 103366 | 148569 | 11.74% | 1.387% |
| 2 | 5.510 | 558 | 564 | 576 | rBV | 983229 | 1265597 | 100.00% | 11.811% |
| 3 | 6.516 | 729 | 735 | 748 | rBV | 958998 | 1254223 | 99.10% | 11.705% |
| 4 | 6.898 | 795 | 800 | 805 | rBV | 484771 | 594500 | 46.97% | 5.548% |
| 5 | 7.457 | 889 | 895 | 900 | rBV | 582872 | 737616 | 58.28% | 6.884% |
| 6 | 7.710 | 933 | 938 | 944 | rBV | 14766 | 18942 | 1.50% | 0.177% |
| 7 | 8.181 | 1012 | 1018 | 1023 | rBV | 558308 | 685593 | 54.17% | 6.398% |
| 8 | 9.251 | 1195 | 1200 | 1211 | rBV | 988247 | 1237471 | 97.78% | 11.549% |
| 9 | 9.933 | 1311 | 1316 | 1326 | rVB | 469822 | 596291 | 47.12% | 5.565% |
| 10 | 10.645 | 1432 | 1437 | 1445 | rBV | 98658 | 121064 | 9.57% | 1.130% |
| 11 | 10.722 | 1445 | 1450 | 1458 | rBV | 505972 | 633198 | 50.03% | 5.909% |
| 12 | 11.422 | 1564 | 1569 | 1577 | rBV | 448113 | 582788 | 46.05% | 5.439% |
| 13 | 11.945 | 1652 | 1658 | 1668 | rBV3 | 77037 | 136370 | 10.78% | 1.273% |
| 14 | 12.033 | 1671 | 1673 | 1681 | rVB4 | 6614 | 14190 | 1.12% | 0.132% |
| 15 | 12.639 | 1771 | 1776 | 1780 | rBV | 55211 | 75374 | 5.96% | 0.703% |
| 16 | 12.733 | 1788 | 1792 | 1795 | rBV5 | 15143 | 23118 | 1.83% | 0.216% |
| 17 | 12.869 | 1810 | 1815 | 1819 | rBV | 57137 | 78791 | 6.23% | 0.735% |
| 18 | 13.010 | 1834 | 1839 | 1844 | rBV | 986879 | 1226116 | 96.88% | 11.443% |
| 19 | 13.904 | 1987 | 1991 | 2000 | rBV2 | 81314 | 133514 | 10.55% | 1.246% |
| 20 | 14.068 | 2014 | 2019 | 2027 | rVB | 477522 | 672990 | 53.18% | 6.281% |
| 21 | 15.563 | 2268 | 2273 | 2283 | rVB | 286636 | 478727 | 37.83% | 4.468% |

Sum of corrected areas: 10715042

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ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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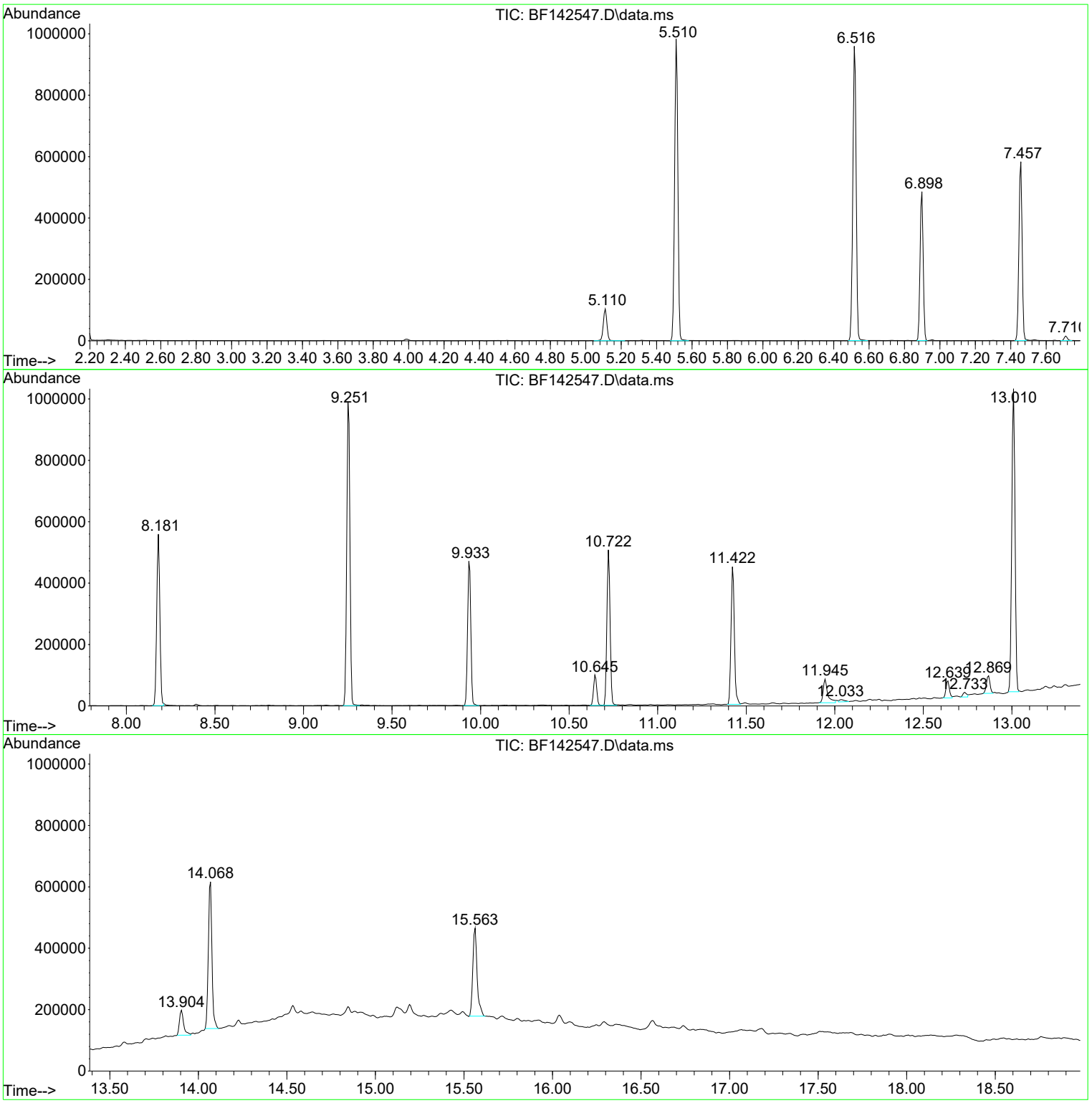
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF142547.D
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Operator : RC/JU
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Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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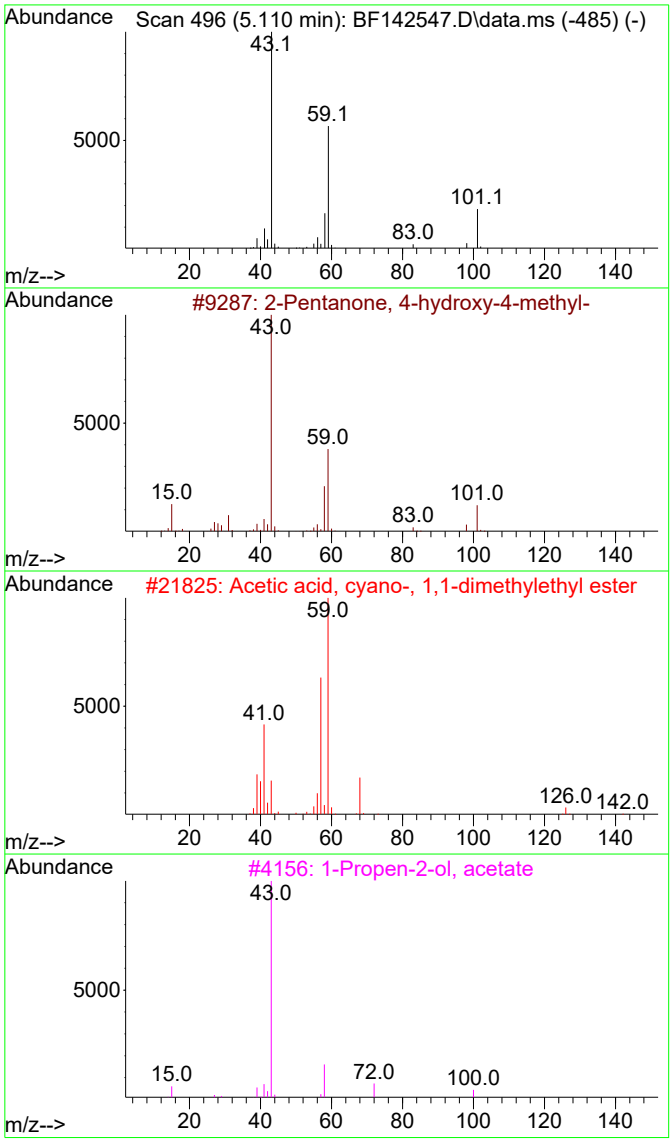
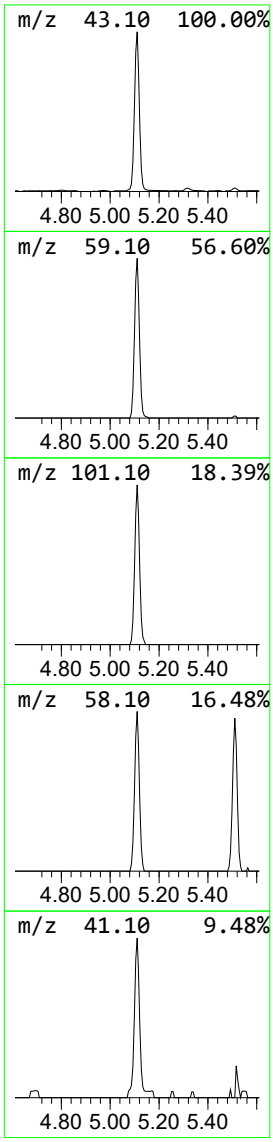
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.110 | 5.00 ng | 148569 | 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 | 59 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 3 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 5 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |



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**Instrument :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Library : C:\Database\NIST20.L
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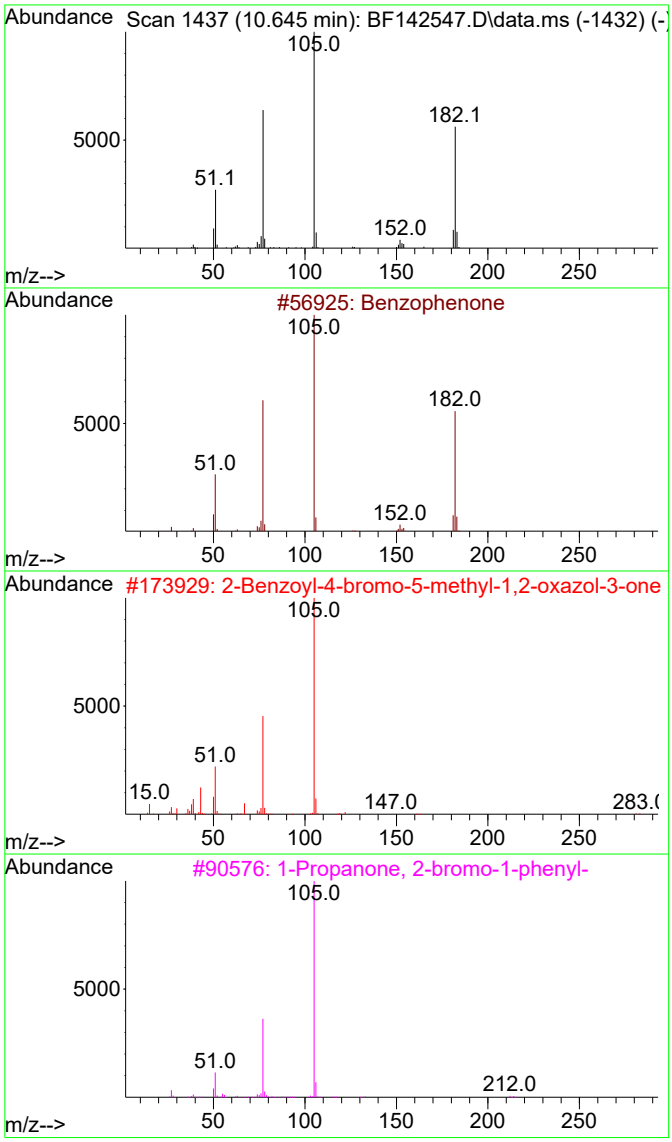
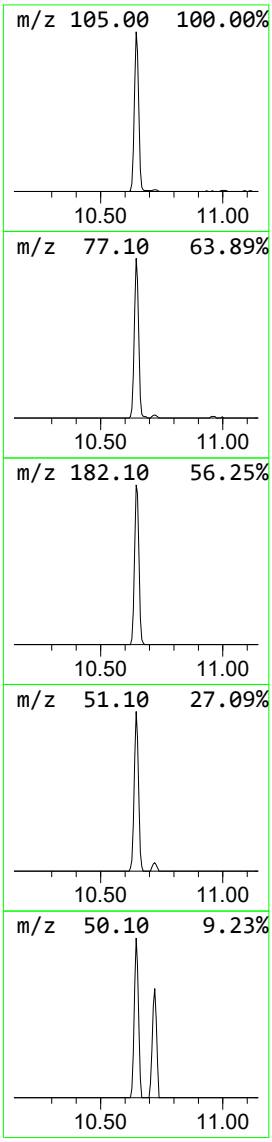
Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.645 | 4.06 ng | 121064 | Acenaphthene-d10 | 9.933 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 50 |
| 3 | 1-Propanone, 2-bromo-1-phenyl- | 212 | C9H9BrO | 002114-00-3 | 50 |
| 4 | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO | 000936-59-4 | 50 |
| 5 | Benzenepropanenitrile, .beta.-oxo- | 145 | C9H7NO | 000614-16-4 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142547.D
Acq On : 23 May 2025 20:53
Operator : RC/JU
Sample : Q2100-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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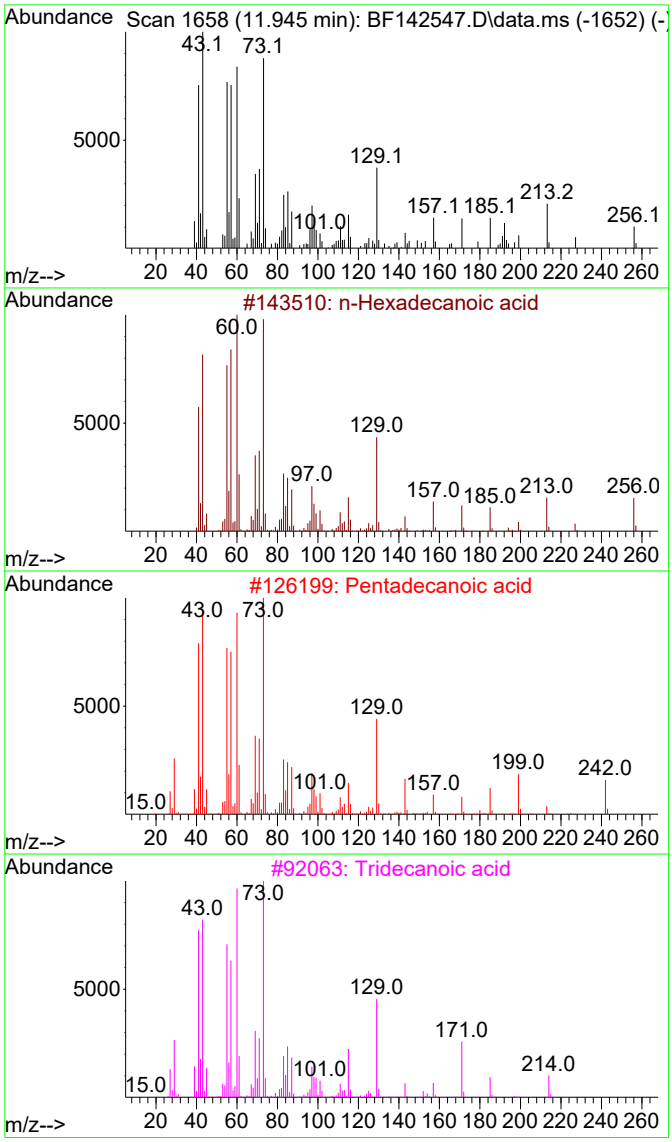
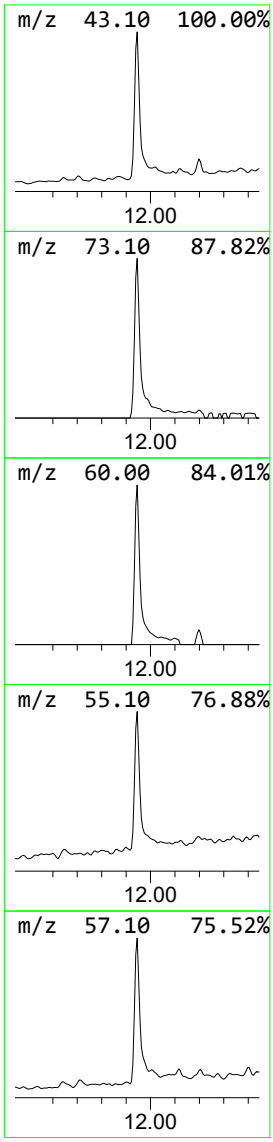
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.945 | 4.68 ng | 136370 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 76 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 53 |
| 5 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 49 |



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Sample : Q2100-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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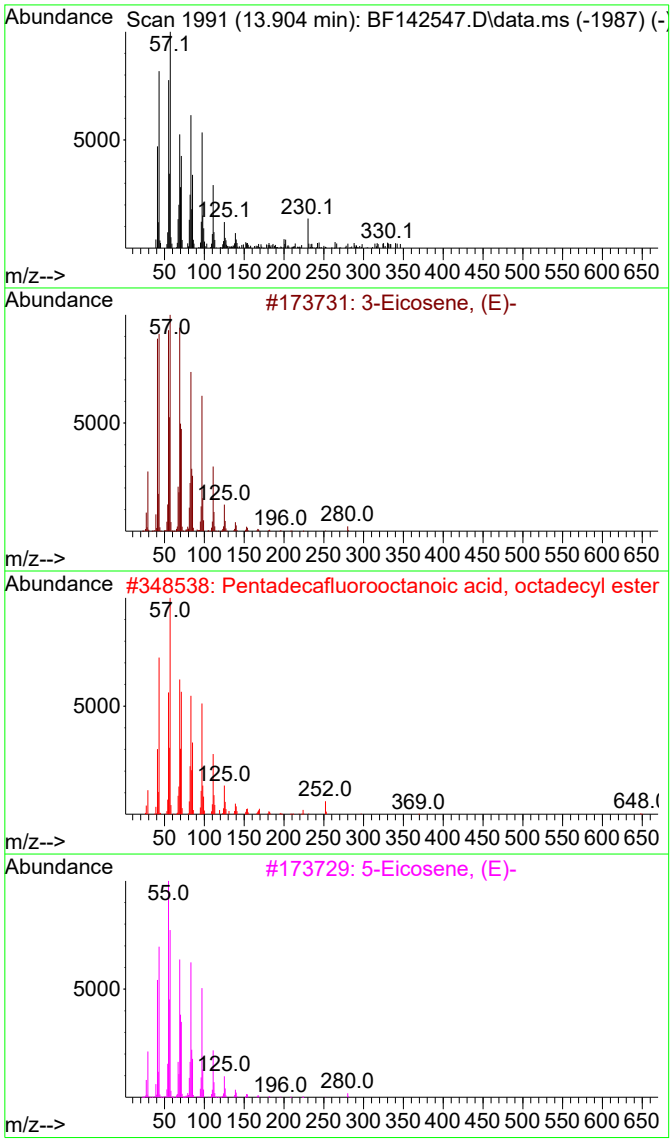
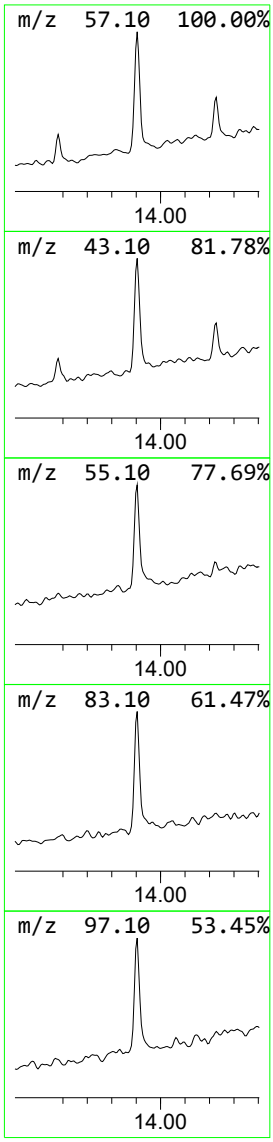
Peak Number 5 3-Eicosene, (E)- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.904 | 3.97 ng | 133514 | Chrysene-d12 | 14.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 95 |
| 2 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94 |
| 3 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 93 |
| 4 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 93 |
| 5 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 93 |



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Operator : RC/JU
Sample : Q2100-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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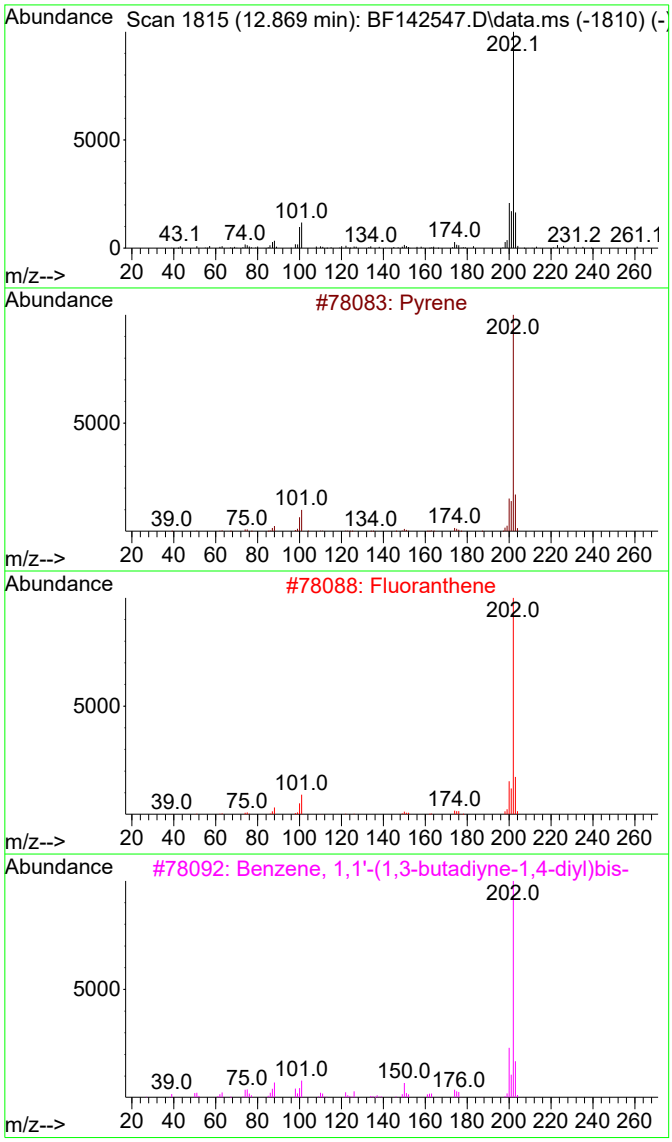
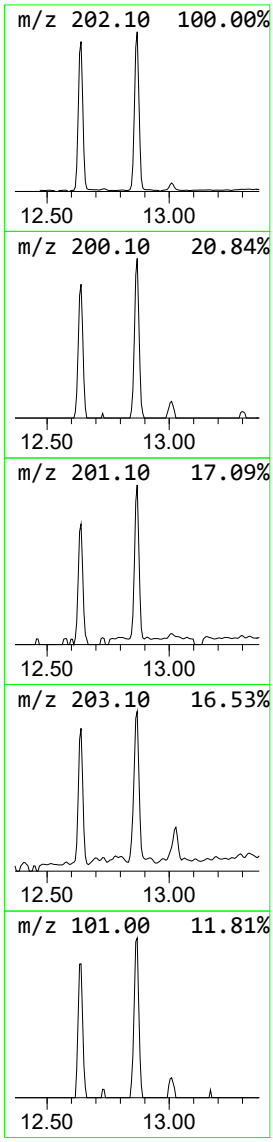
Peak Number 6 unknown12.869 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.869 | 2.34 ng | 78791 | Chrysene-d12 | 14.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene | 202 | C16H10 | 000129-00-0 | 96 |
| 2 | Fluoranthene | 202 | C16H10 | 000206-44-0 | 91 |
| 3 | Benzene, 1,1'-(1,3-butadiyne-1,4... | 202 | C16H10 | 000886-66-8 | 39 |
| 4 | Succinic acid, di(4-cyanophenyl)... | 320 | C18H12N2O4 | 1000360-71-2 | 38 |
| 5 | Pyrimidine, 4-methoxy-6-(2-hydro... | 202 | C11H10N2O2 | 097630-79-0 | 33 |



Tentatively Identified Compound (LSC) summary

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 5.110 | 5.0 | ng | 148569 | 1 | 6.898 | 594500 | 20.0 |
| Benzophenone | 10.645 | 4.1 | ng | 121064 | 3 | 9.933 | 596291 | 20.0 |
| n-Hexadecanoic ... | 11.945 | 4.7 | ng | 136370 | 4 | 11.422 | 582788 | 20.0 |
| 3-Eicosene, (E)- | 13.904 | 4.0 | ng | 133514 | 5 | 14.069 | 672990 | 20.0 |
| unknown12.869 | 12.869 | 2.3 | ng | 78791 | 5 | 14.069 | 672990 | 20.0 |