LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142435.D
Acq On : 16 May 2025 19:11
Operator : RC/JU
Sample : Q2034-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** L3-WC-4

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142435.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.116 | 488 | 497 | 506 | rBV | 171070 | 259156 | 11.62% | 1.508% |
| 2 | 5.516 | 558 | 565 | 570 | rBV | 1575099 | 2130725 | 95.53% | 12.397% |
| 3 | 6.522 | 729 | 736 | 741 | rBV | 1646161 | 2230461 | 100.00% | 12.977% |
| 4 | 6.904 | 795 | 801 | 806 | rBV | 648682 | 824014 | 36.94% | 4.794% |
| 5 | 7.457 | 890 | 895 | 900 | rBV | 1010492 | 1303184 | 58.43% | 7.582% |
| 6 | 7.710 | 934 | 938 | 944 | rBV | 27528 | 36063 | 1.62% | 0.210% |
| 7 | 8.181 | 1013 | 1018 | 1033 | rBV | 811221 | 1040544 | 46.65% | 6.054% |
| 8 | 9.257 | 1195 | 1201 | 1206 | rBV | 1795422 | 2209009 | 99.04% | 12.853% |
| 9 | 9.933 | 1311 | 1316 | 1326 | rBV | 784711 | 1011117 | 45.33% | 5.883% |
| 10 | 10.645 | 1432 | 1437 | 1445 | rBV | 329967 | 413545 | 18.54% | 2.406% |
| 11 | 10.722 | 1445 | 1450 | 1461 | rVV | 887471 | 1108172 | 49.68% | 6.448% |
| 12 | 11.422 | 1564 | 1569 | 1577 | rBV | 630251 | 837039 | 37.53% | 4.870% |
| 13 | 11.945 | 1651 | 1658 | 1670 | rBV3 | 105362 | 198199 | 8.89% | 1.153% |
| 14 | 12.033 | 1670 | 1673 | 1683 | rVB2 | 15323 | 35240 | 1.58% | 0.205% |
| 15 | 12.633 | 1770 | 1775 | 1780 | rBV | 62858 | 83772 | 3.76% | 0.487% |
| 16 | 12.863 | 1804 | 1814 | 1819 | rBV | 65770 | 103622 | 4.65% | 0.603% |
| 17 | 13.010 | 1833 | 1839 | 1845 | rVB | 1213710 | 1582586 | 70.95% | 9.208% |
| 18 | 13.910 | 1987 | 1992 | 2002 | rBV2 | 54735 | 106305 | 4.77% | 0.619% |
| 19 | 14.063 | 2011 | 2018 | 2030 | rVB | 605893 | 869380 | 38.98% | 5.058% |
| 20 | 14.533 | 2094 | 2098 | 2107 | rBV5 | 18749 | 48160 | 2.16% | 0.280% |
| 21 | 14.827 | 2144 | 2148 | 2154 | rBV4 | 25460 | 53097 | 2.38% | 0.309% |
| 22 | 15.115 | 2192 | 2197 | 2205 | rBV | 28831 | 63840 | 2.86% | 0.371% |
| 23 | 15.421 | 2246 | 2249 | 2254 | rVB | 16304 | 23714 | 1.06% | 0.138% |
| 24 | 15.486 | 2256 | 2260 | 2265 | rVV | 17865 | 26669 | 1.20% | 0.155% |
| 25 | 15.551 | 2265 | 2271 | 2284 | rVB | 360760 | 589613 | 26.43% | 3.431% |

Sum of corrected areas: 17187226

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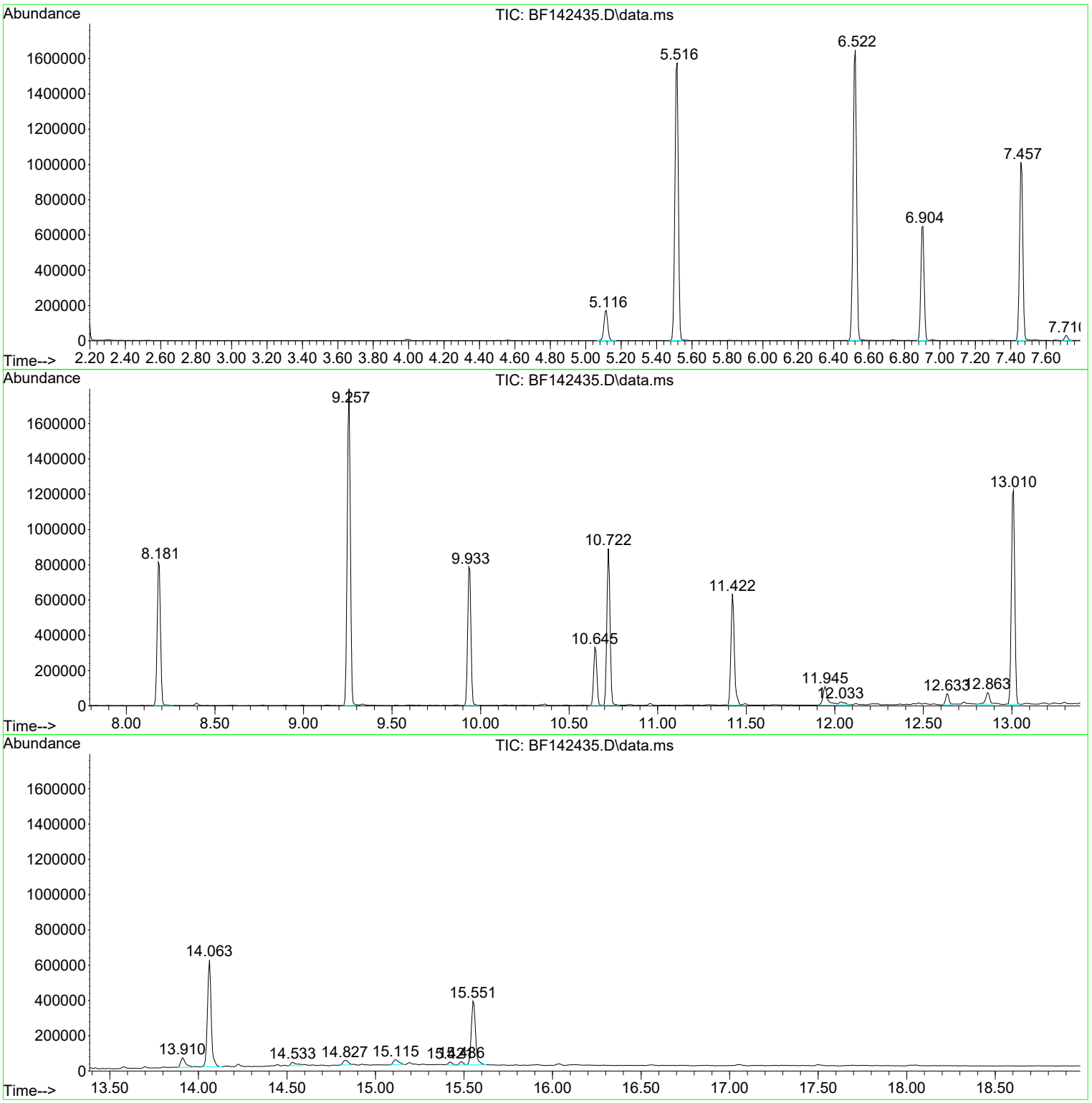
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
L3-WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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 : BF142435.D
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Operator : RC/JU
Sample : Q2034-13
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ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
L3-WC-4

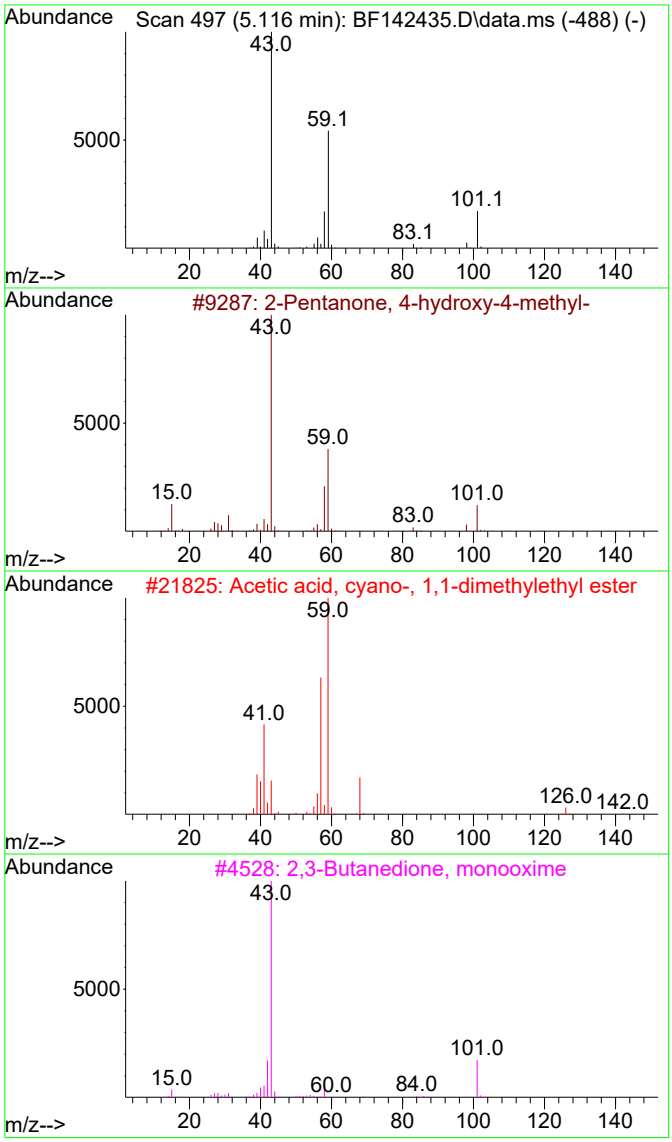
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

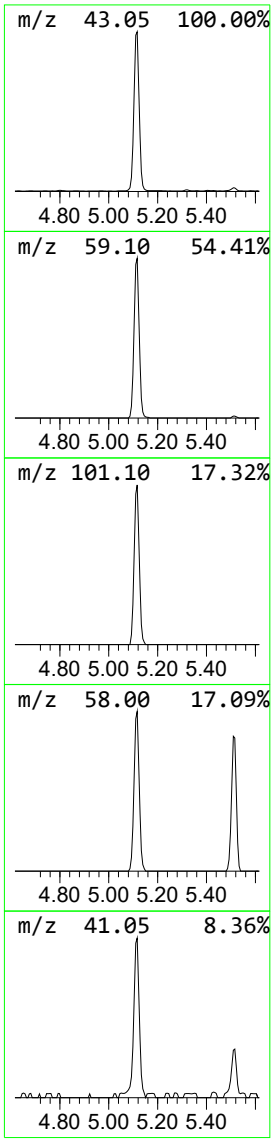
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.116 | 6.29 ng | 259156 | 1,4-Dichlorobenzene-d4 | 6.904 |

| 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 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |
| 5 | 1,2-Butanediol | 90 | C4H10O2 | 000584-03-2 | 9 |



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Acq On : 16 May 2025 19:11
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Sample : Q2034-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
L3-WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

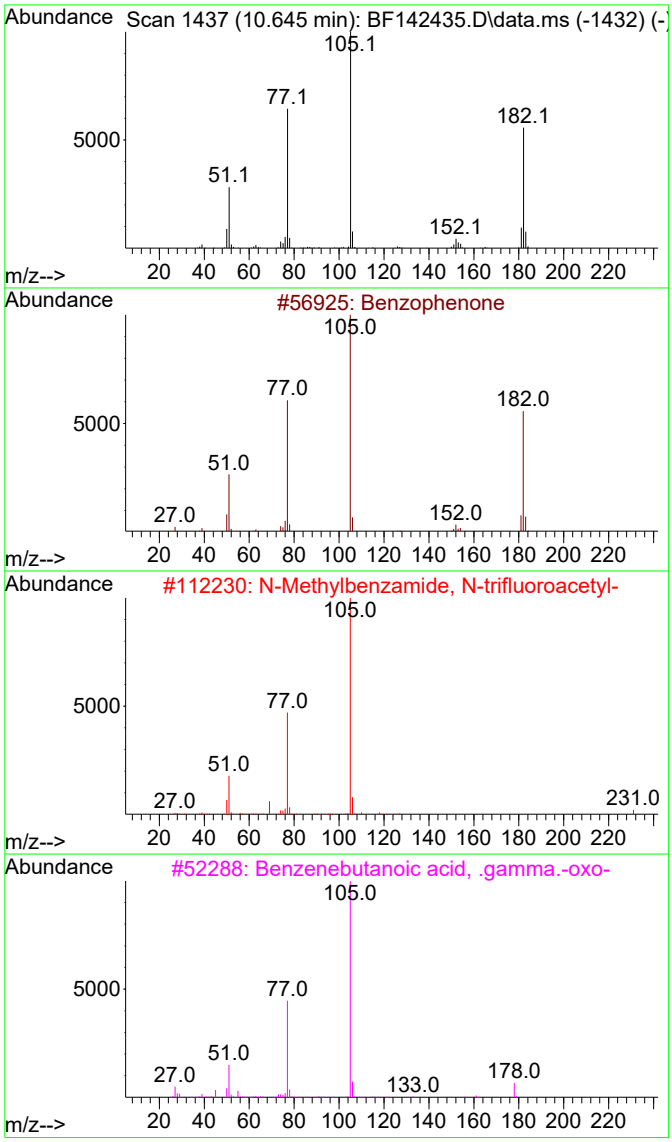
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

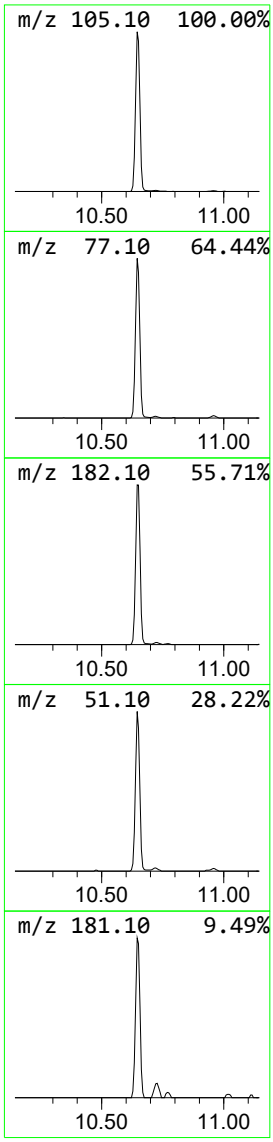
**********

Peak Number 2 Benzophenone Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.645 | 8.18 ng | 413545 | Acenaphthene-d10 | 9.933 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | N-Methylbenzamide, N-trifluoroac... | 231 | C10H8F3NO2 | 1000446-91-5 | 47 |
| 3 | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 47 |
| 4 | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O | 1000296-76-9 | 47 |
| 5 | 1-Propanone, 2-bromo-1-phenyl- | 212 | C9H9BrO | 002114-00-3 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142435.D
Acq On : 16 May 2025 19:11
Operator : RC/JU
Sample : Q2034-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
L3-WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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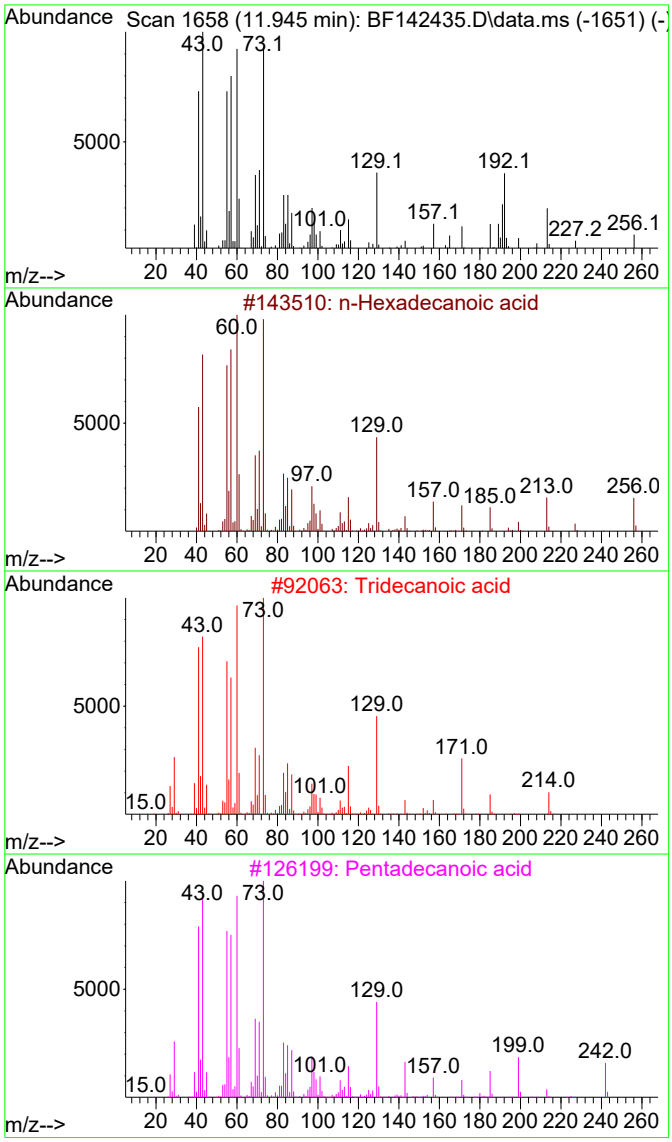
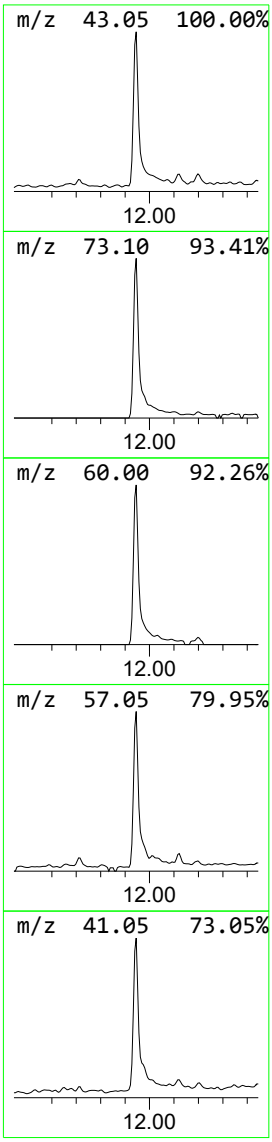
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.945 | 4.74 ng | 198199 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 86 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 86 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 62 |
| 5 | 8-Methylnonanoic acid | 172 | C10H20O2 | 005963-14-4 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142435.D
Acq On : 16 May 2025 19:11
Operator : RC/JU
Sample : Q2034-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
L3-WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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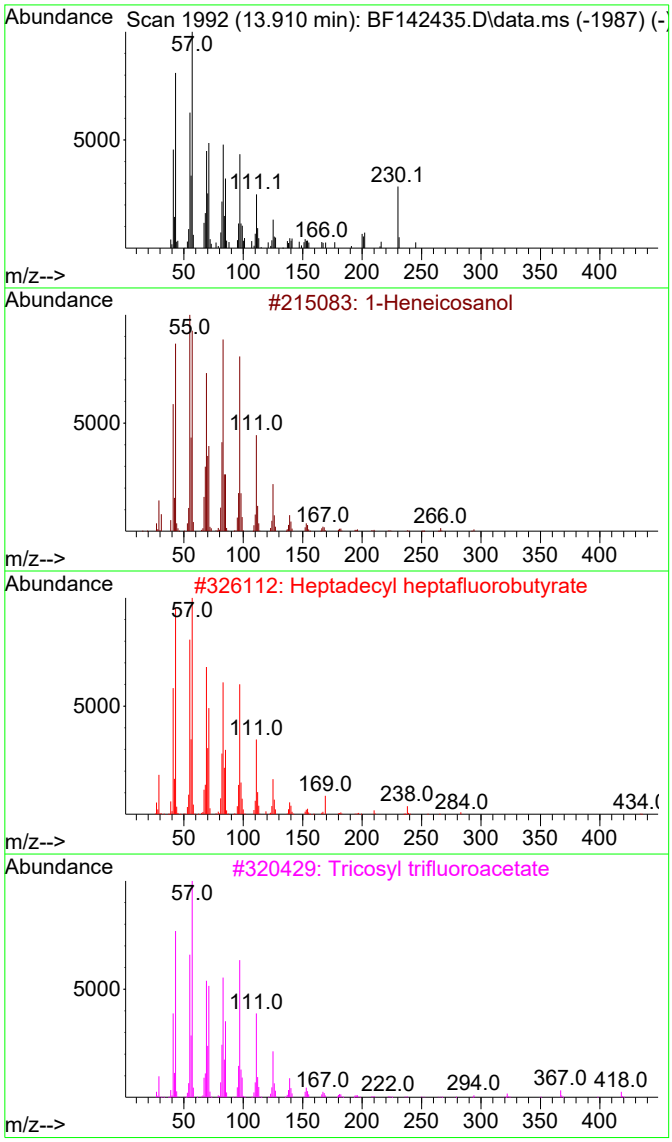
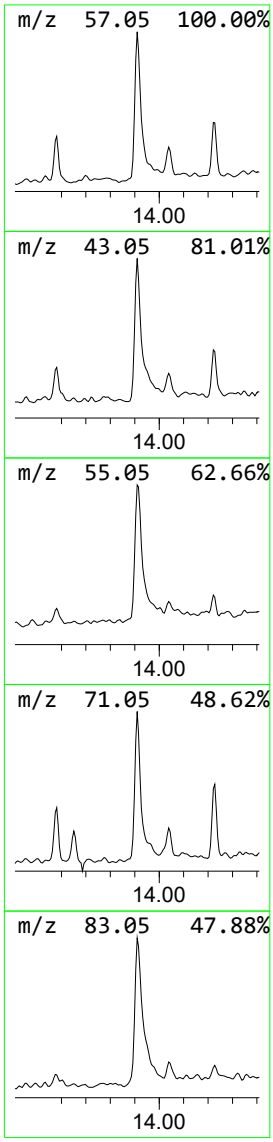
Peak Number 5 1-Heneicosanol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.910 | 2.45 ng | 106305 | Chrysene-d12 | 14.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 92 |
| 2 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 91 |
| 3 | Tricosyl trifluoroacetate | 436 | C25H47F3O2 | 1000351-75-1 | 90 |
| 4 | Octacosyl trifluoroacetate | 506 | C30H57F3O2 | 1000351-74-9 | 90 |
| 5 | Tricosyl heptafluorobutyrate | 536 | C27H47F7O2 | 1000351-83-4 | 90 |



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Data File : BF142435.D
Acq On : 16 May 2025 19:11
Operator : RC/JU
Sample : Q2034-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
L3-WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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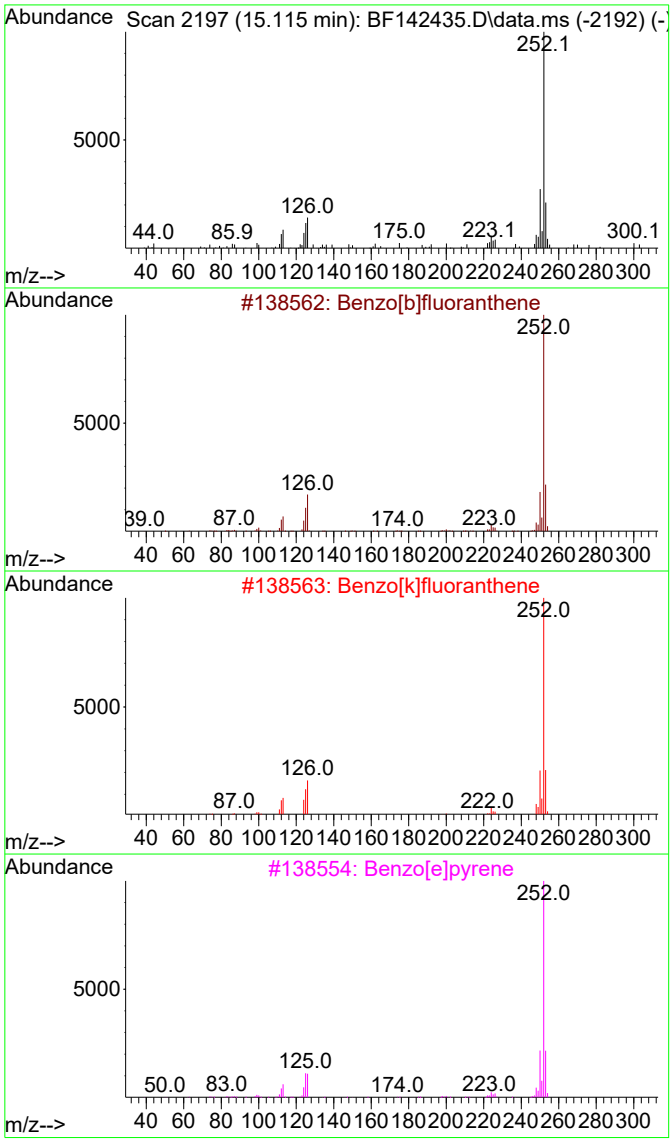
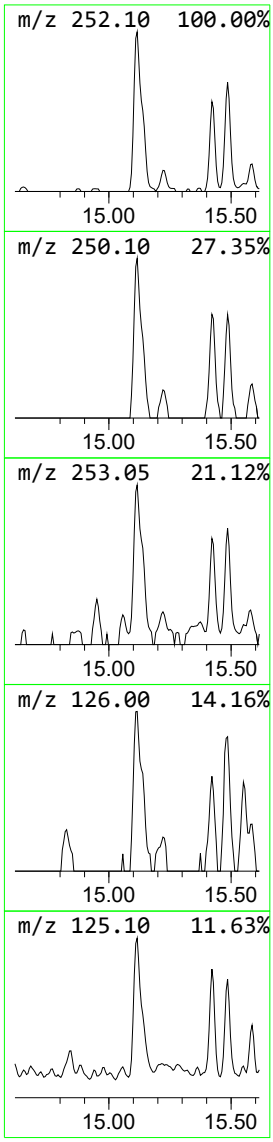
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.115 | 2.17 ng | 63840 | Perylene-d12 | 15.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 95 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 3 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 94 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 93 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142435.D
Acq On : 16 May 2025 19:11
Operator : RC/JU
Sample : Q2034-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
L3-WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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 |
| 2-Pentanone, 4-... | 5.116 | 6.3 | ng | 259156 | 1 | 6.904 | 824014 | 20.0 |
| Benzophenone | 10.645 | 8.2 | ng | 413545 | 3 | 9.933 | 1011120 | 20.0 |
| n-Hexadecanoic ... | 11.945 | 4.7 | ng | 198199 | 4 | 11.422 | 837039 | 20.0 |
| 1-Heneicosanol | 13.910 | 2.5 | ng | 106305 | 5 | 14.063 | 869380 | 20.0 |
| Benzo[e]pyrene | 15.115 | 2.2 | ng | 63840 | 6 | 15.551 | 589613 | 20.0 |