LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141599.D
Acq On : 12 Feb 2025 19:12
Operator : RC/JU
Sample : Q1343-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-10

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141599.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.404 | 558 | 563 | 582 | rBV | 1197412 | 1631068 | 87.89% | 10.852% |
| 2 | 6.422 | 731 | 736 | 758 | rBV | 1203982 | 1682491 | 90.66% | 11.194% |
| 3 | 6.786 | 792 | 798 | 807 | rBV | 433822 | 618046 | 33.30% | 4.112% |
| 4 | 7.345 | 887 | 893 | 905 | rBV | 796029 | 1079710 | 58.18% | 7.184% |
| 5 | 7.610 | 933 | 938 | 954 | rBV | 30165 | 59467 | 3.20% | 0.396% |
| 6 | 8.069 | 1010 | 1016 | 1035 | rBV | 469034 | 649496 | 35.00% | 4.321% |
| 7 | 8.298 | 1051 | 1055 | 1066 | rVB | 17764 | 29291 | 1.58% | 0.195% |
| 8 | 8.428 | 1071 | 1077 | 1095 | rBV2 | 13144 | 56277 | 3.03% | 0.374% |
| 9 | 9.139 | 1193 | 1198 | 1209 | rBV | 1427154 | 1855869 | 100.00% | 12.348% |
| 10 | 9.822 | 1308 | 1314 | 1328 | rBV | 534407 | 708628 | 38.18% | 4.715% |
| 11 | 10.533 | 1430 | 1435 | 1443 | rBV | 399682 | 502129 | 27.06% | 3.341% |
| 12 | 10.610 | 1443 | 1448 | 1465 | rVV | 865046 | 1145677 | 61.73% | 7.623% |
| 13 | 10.845 | 1482 | 1488 | 1495 | rBV | 57097 | 80291 | 4.33% | 0.534% |
| 14 | 11.304 | 1561 | 1566 | 1576 | rBV2 | 539420 | 797673 | 42.98% | 5.307% |
| 15 | 11.380 | 1576 | 1579 | 1585 | rVB | 13835 | 19002 | 1.02% | 0.126% |
| 16 | 11.839 | 1653 | 1657 | 1667 | rVV2 | 79186 | 180481 | 9.72% | 1.201% |
| 17 | 11.921 | 1667 | 1671 | 1680 | rVB | 27512 | 60876 | 3.28% | 0.405% |
| 18 | 12.086 | 1695 | 1699 | 1705 | rBV3 | 9812 | 19665 | 1.06% | 0.131% |
| 19 | 12.327 | 1735 | 1740 | 1743 | rBV | 25589 | 35045 | 1.89% | 0.233% |
| 20 | 12.516 | 1767 | 1772 | 1778 | rBV | 162901 | 223389 | 12.04% | 1.486% |
| 21 | 12.745 | 1804 | 1811 | 1816 | rBV2 | 146455 | 222534 | 11.99% | 1.481% |
| 22 | 12.798 | 1817 | 1820 | 1826 | rVB3 | 13024 | 18872 | 1.02% | 0.126% |
| 23 | 12.892 | 1828 | 1836 | 1843 | rBV | 1195647 | 1554954 | 83.79% | 10.346% |
| 24 | 12.963 | 1844 | 1848 | 1854 | rVB3 | 13724 | 25125 | 1.35% | 0.167% |
| 25 | 13.074 | 1860 | 1867 | 1871 | rBV3 | 16758 | 35120 | 1.89% | 0.234% |
| 26 | 13.145 | 1872 | 1879 | 1881 | rBV4 | 10041 | 20223 | 1.09% | 0.135% |
| 27 | 13.186 | 1881 | 1886 | 1892 | rVB3 | 24317 | 51955 | 2.80% | 0.346% |
| 28 | 13.463 | 1930 | 1933 | 1943 | rVB9 | 7248 | 18885 | 1.02% | 0.126% |
| 29 | 13.586 | 1951 | 1954 | 1961 | rVB | 15246 | 22734 | 1.22% | 0.151% |
| 30 | 13.792 | 1986 | 1989 | 1998 | rVB2 | 17697 | 27054 | 1.46% | 0.180% |
| 31 | 13.945 | 2008 | 2015 | 2028 | rVB2 | 379654 | 639850 | 34.48% | 4.257% |
| 32 | 14.415 | 2091 | 2095 | 2100 | rBV4 | 13169 | 22626 | 1.22% | 0.151% |
| 33 | 14.792 | 2154 | 2159 | 2163 | rBV | 34109 | 50584 | 2.73% | 0.337% |
| 34 | 14.974 | 2185 | 2190 | 2199 | rBV | 68654 | 154988 | 8.35% | 1.031% |
| 35 | 15.268 | 2235 | 2240 | 2246 | rVB | 36478 | 56687 | 3.05% | 0.377% |
| 36 | 15.333 | 2246 | 2251 | 2256 | rBV | 44212 | 69767 | 3.76% | 0.464% |

LSC Area Percent Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-10

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.392 | 2256 | 2261 | 2274 | rVB | 275099 | 454073 | 24.47% | 3.021% |
| 38 | 15.839 | 2332 | 2337 | 2341 | rBV | 17381 | 30733 | 1.66% | 0.204% |
| 39 | 16.092 | 2376 | 2380 | 2387 | rVB7 | 13477 | 25130 | 1.35% | 0.167% |
| 40 | 16.827 | 2499 | 2505 | 2514 | rVB2 | 26118 | 65601 | 3.53% | 0.436% |
| 41 | 17.262 | 2574 | 2579 | 2585 | rVB2 | 13121 | 27800 | 1.50% | 0.185% |

Sum of corrected areas: 15029866

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
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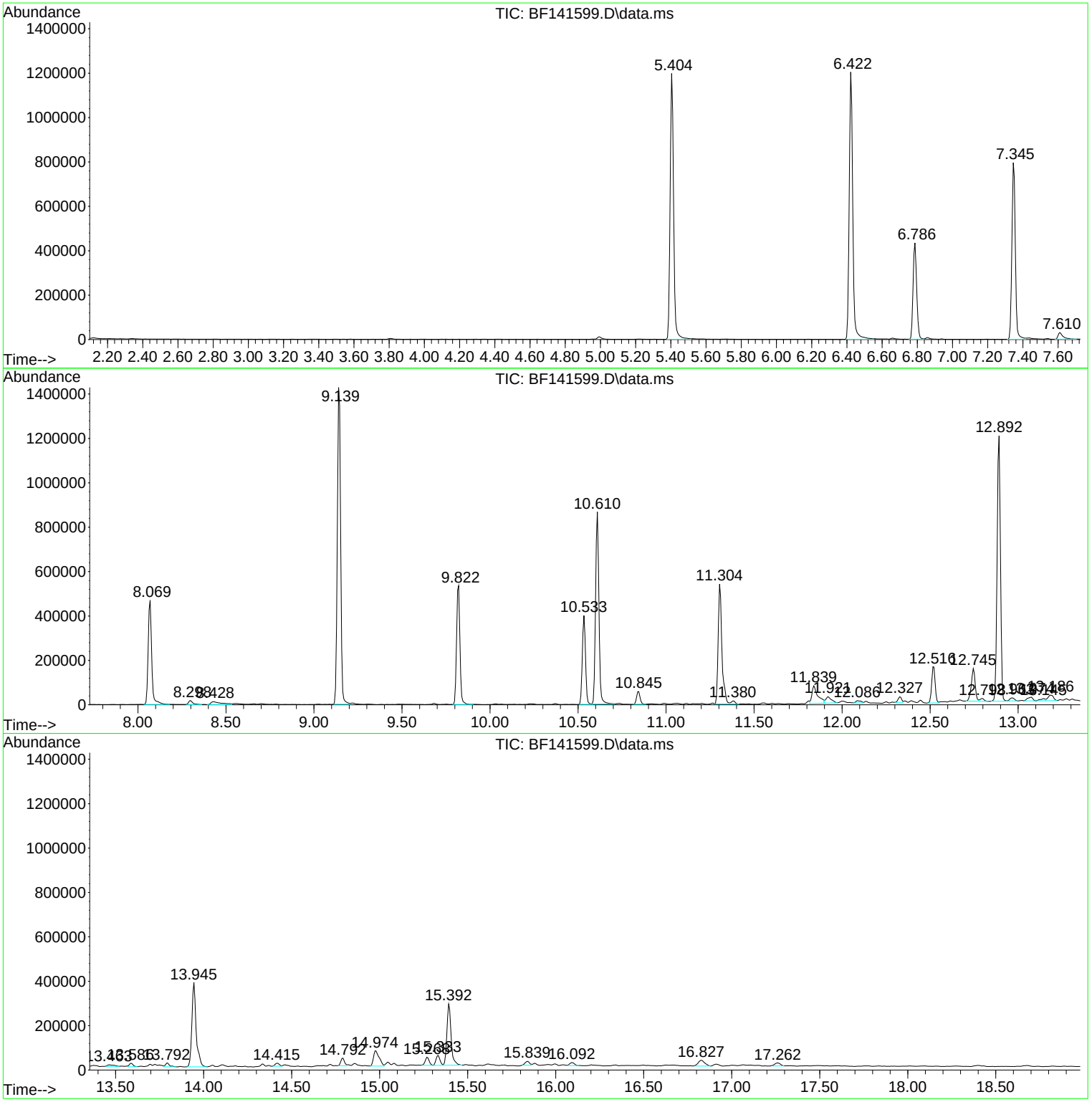
Sample : Q1343-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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\BF021225\
Data File : BF141599.D
Acq On : 12 Feb 2025 19:12
Operator : RC/JU
Sample : Q1343-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

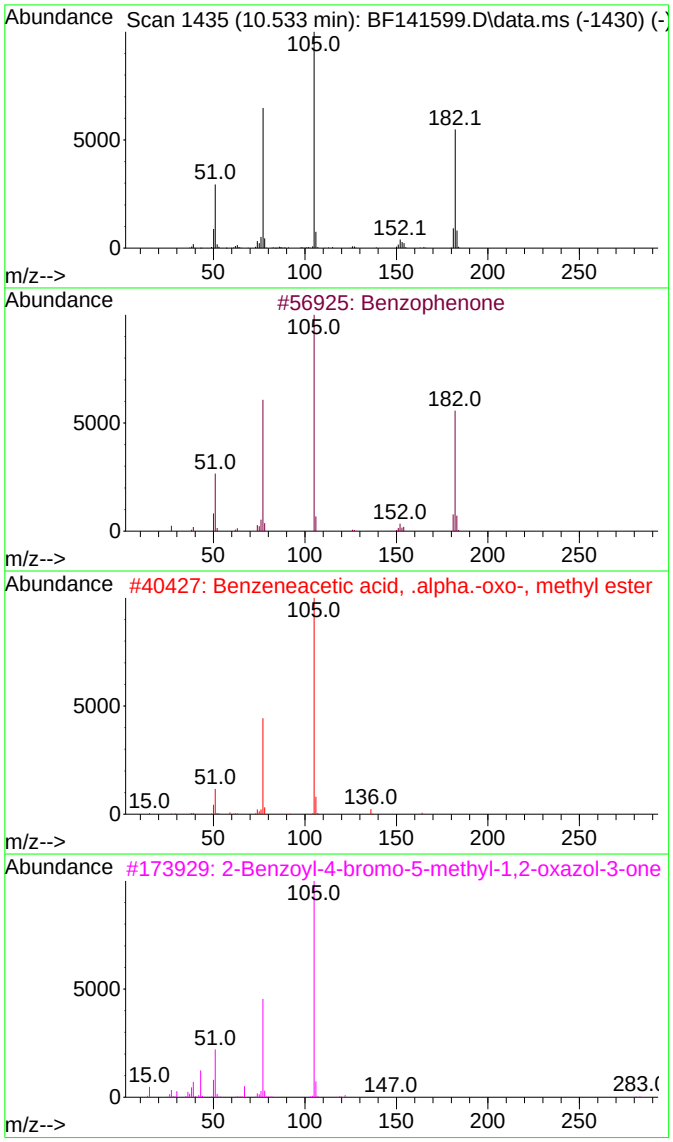
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

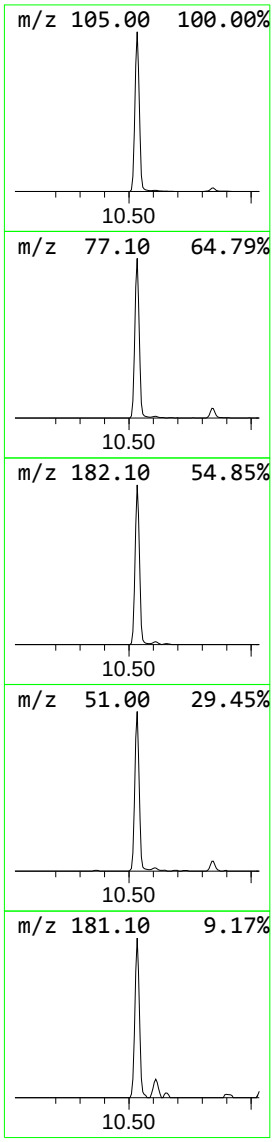
**********

Peak Number 1 Benzophenone Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.533 | 14.17 ng | 502129 | Acenaphthene-d10 | 9.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzeneacetic acid, .alpha.-oxo-... | 164 | C9H8O3 | 015206-55-0 | 47 |
| 3 | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 47 |
| 4 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 47 |
| 5 | N-Methylbenzamide, N-trifluoroac... | 231 | C10H8F3NO2 | 1000446-91-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141599.D
Acq On : 12 Feb 2025 19:12
Operator : RC/JU
Sample : Q1343-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-10

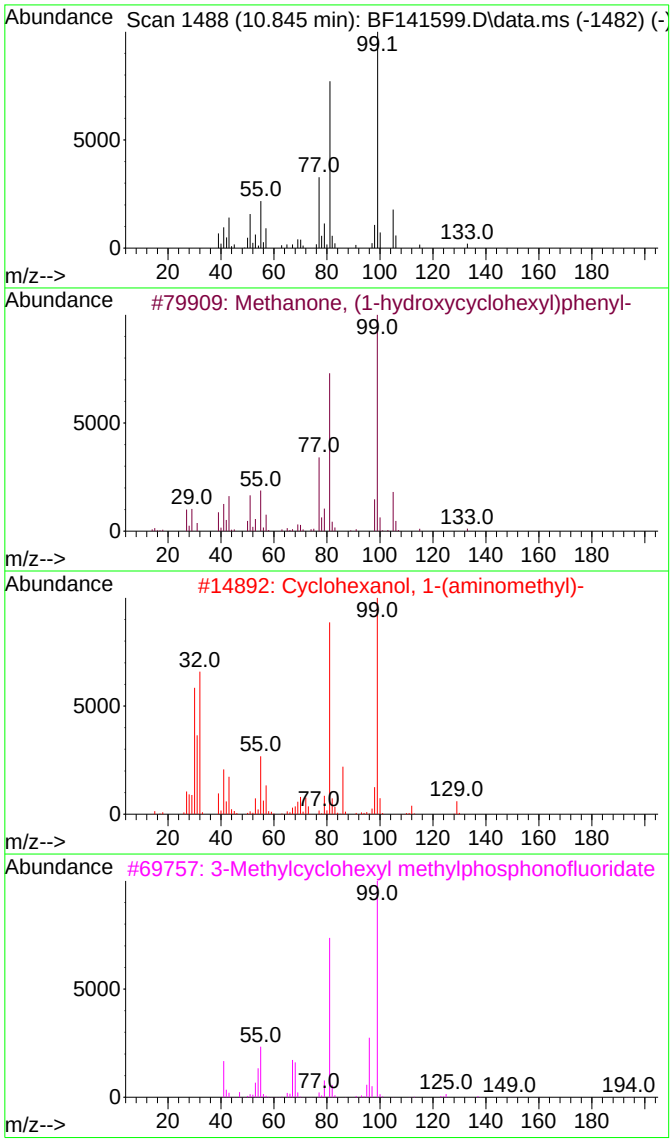
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

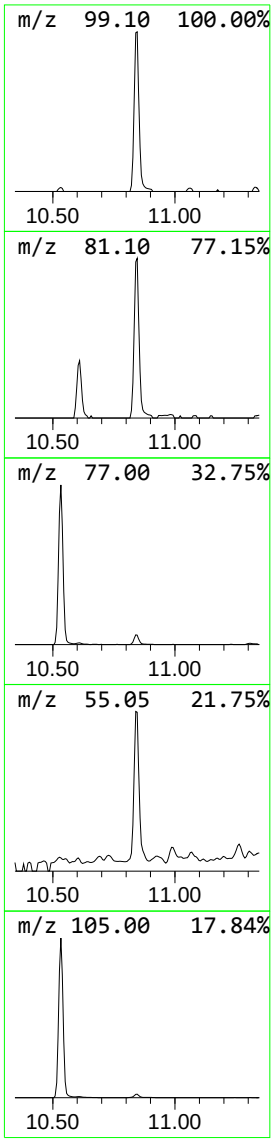
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Methanone, (1-hydroxycycloh... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.845 | 2.01 ng | 80291 | Phenanthrene-d10 | 11.304 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methanone, (1-hydroxycyclohexyl)... | 204 | C13H16O2 | 000947-19-3 | 91 |
| 2 | Cyclohexanol, 1-(aminomethyl)- | 129 | C7H15NO | 004000-72-0 | 59 |
| 3 | 3-Methylcyclohexyl methylphospho... | 194 | C8H16FO2P | 113548-86-0 | 42 |
| 4 | 2-Methylcyclosarin | 194 | C8H16FO2P | 085473-32-1 | 40 |
| 5 | 1-Hydroxycyclohexanecarboxylic acid | 144 | C7H12O3 | 001123-28-0 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141599.D
Acq On : 12 Feb 2025 19:12
Operator : RC/JU
Sample : Q1343-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

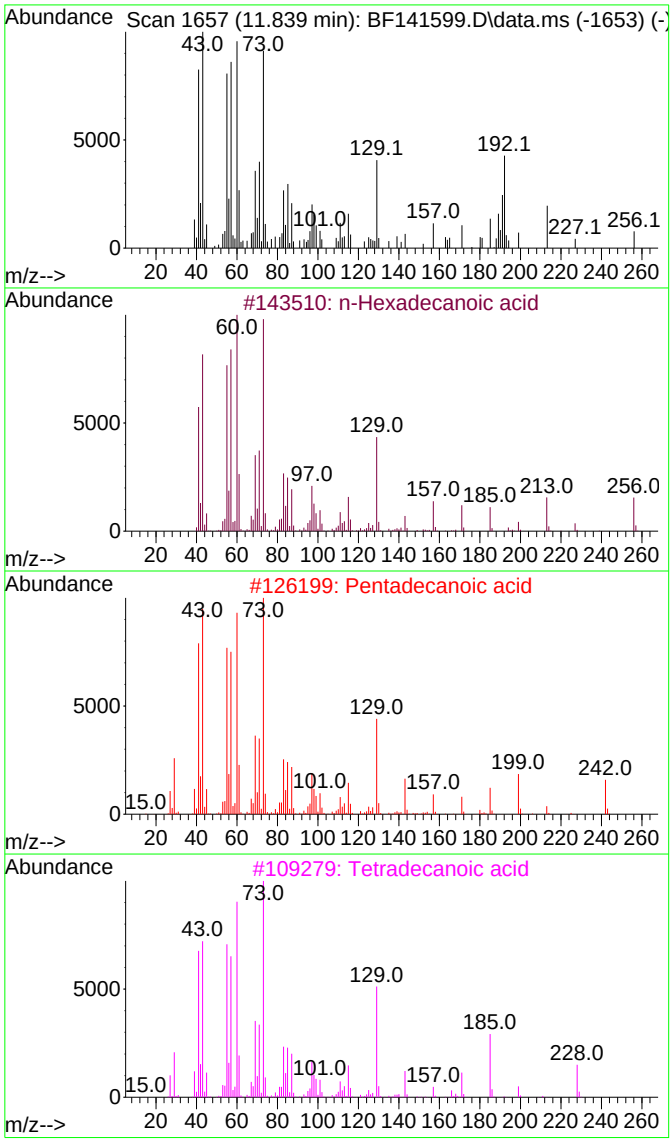
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

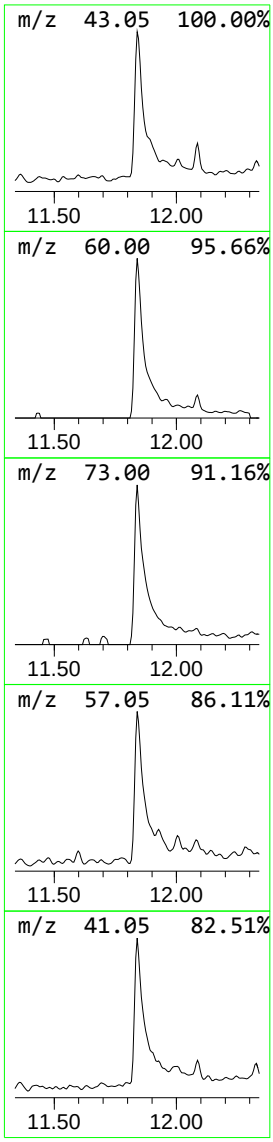
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.839 | 4.53 ng | 180481 | Phenanthrene-d10 | 11.304 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 89 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 76 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 68 |
| 4 | Oxalic acid, dodecyl propyl ester | 300 | C17H32O4 | 1000309-26-5 | 18 |
| 5 | Oxalic acid, allyl hexadecyl ester | 354 | C21H38O4 | 1000309-24-4 | 15 |



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Data File : BF141599.D
Acq On : 12 Feb 2025 19:12
Operator : RC/JU
Sample : Q1343-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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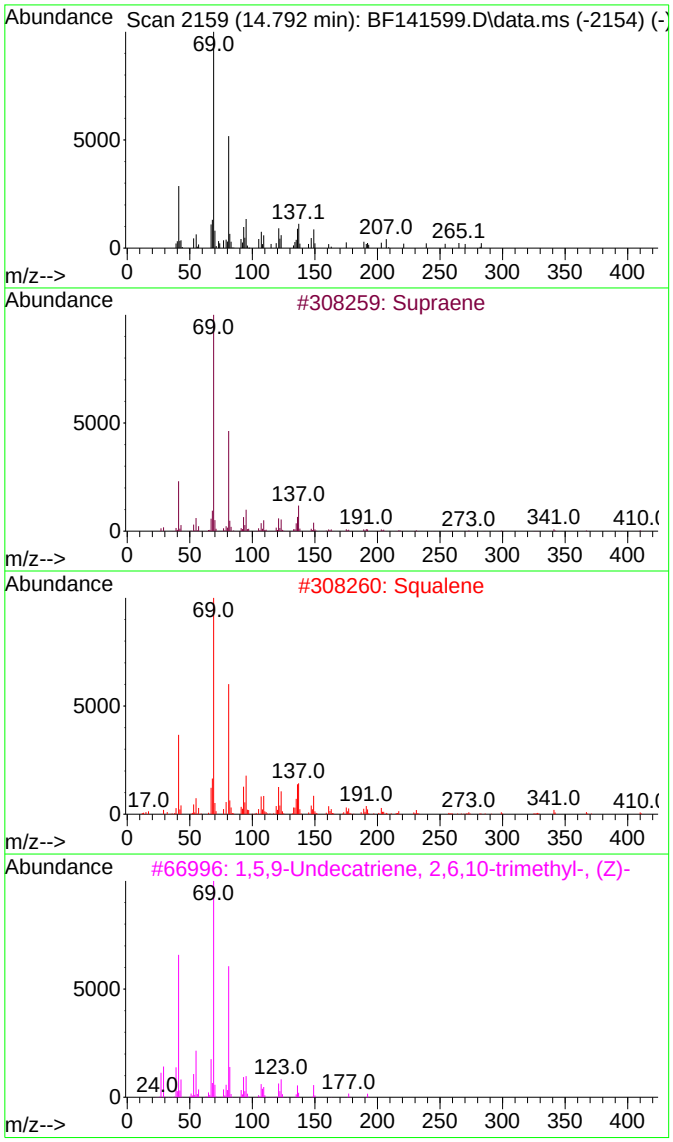
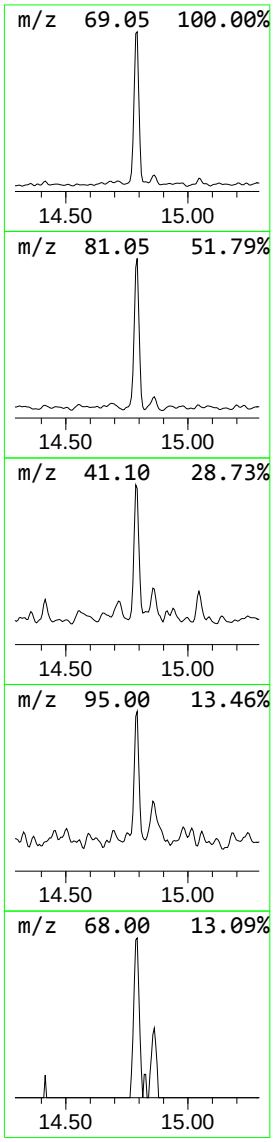
Peak Number 4 Supraene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.792 | 2.23 ng | 50584 | Perylene-d12 | 15.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 83 |
| 2 | Squalene | 410 | C30H50 | 000111-02-4 | 80 |
| 3 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 74 |
| 4 | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O | 056882-09-8 | 72 |
| 5 | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 64 |



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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

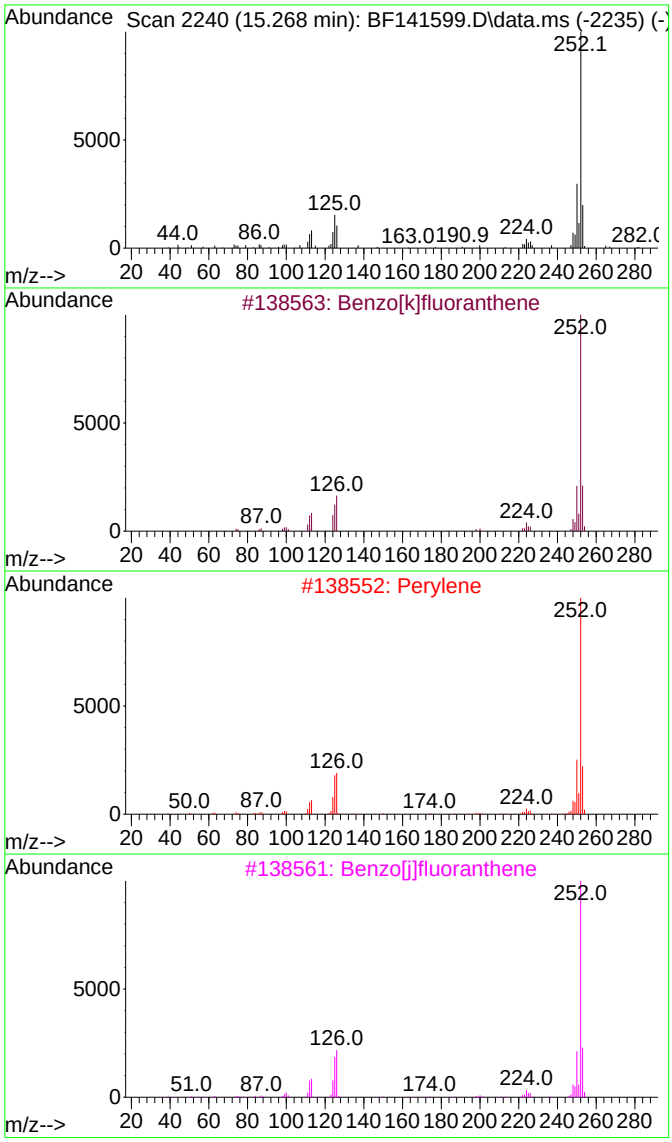
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

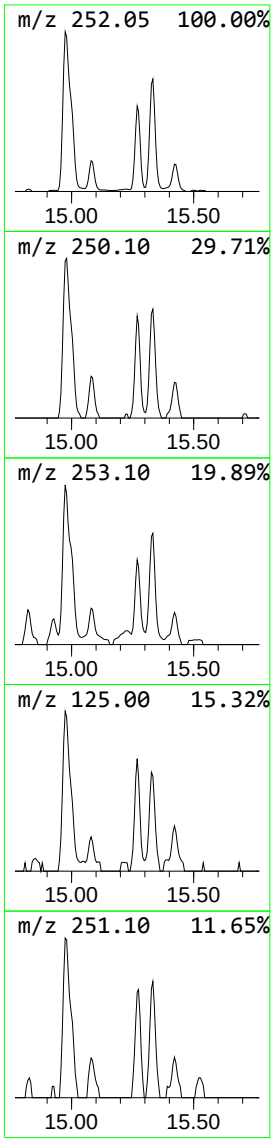
**********

Peak Number 5 Perylene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.268 | 2.50 ng | 56687 | Perylene-d12 | 15.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 94 |
| 2 | Perylene | 252 | C20H12 | 000198-55-0 | 93 |
| 3 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 93 |
| 4 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 93 |
| 5 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 91 |



Tentatively Identified Compound (LSC) summary

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Sample : Q1343-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
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**ClientSampleId :**
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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 |
| Benzophenone | 10.533 | 14.2 | ng | 502129 | 3 | 9.822 | 708628 | 20.0 |
| Methanone, (1-h... | 10.845 | 2.0 | ng | 80291 | 4 | 11.304 | 797673 | 20.0 |
| n-Hexadecanoic ... | 11.839 | 4.5 | ng | 180481 | 4 | 11.304 | 797673 | 20.0 |
| Supraene | 14.792 | 2.2 | ng | 50584 | 6 | 15.392 | 454073 | 20.0 |
| Perylene | 15.268 | 2.5 | ng | 56687 | 6 | 15.392 | 454073 | 20.0 |