LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142369.D
Acq On : 14 May 2025 16:46
Operator : RC/JU
Sample : Q2004-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
2811

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: BF142369.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 | 504 | rBV | 302876 | 469738 | 7.27% | 1.227% |
| 2 | 5.510 | 557 | 564 | 569 | rBV | 2756146 | 3877863 | 60.03% | 10.128% |
| 3 | 6.516 | 729 | 735 | 741 | rVB | 2844986 | 4120093 | 63.78% | 10.760% |
| 4 | 6.898 | 795 | 800 | 805 | rBV | 799486 | 963791 | 14.92% | 2.517% |
| 5 | 7.457 | 888 | 895 | 901 | rBV | 1950806 | 2723501 | 42.16% | 7.113% |
| 6 | 7.710 | 934 | 938 | 944 | rBV | 61737 | 74723 | 1.16% | 0.195% |
| 7 | 8.181 | 1013 | 1018 | 1026 | rVB | 1064182 | 1323408 | 20.49% | 3.456% |
| 8 | 9.257 | 1195 | 1201 | 1206 | rBV | 4278390 | 5564193 | 86.14% | 14.532% |
| 9 | 9.939 | 1311 | 1317 | 1327 | rVB | 1233933 | 1633742 | 25.29% | 4.267% |
| 10 | 10.651 | 1432 | 1438 | 1444 | rBV | 282813 | 353792 | 5.48% | 0.924% |
| 11 | 10.728 | 1444 | 1451 | 1456 | rBV | 2864238 | 3831254 | 59.31% | 10.006% |
| 12 | 11.422 | 1564 | 1569 | 1576 | rVB | 1393846 | 1744449 | 27.01% | 4.556% |
| 13 | 11.633 | 1601 | 1605 | 1615 | rBV | 90325 | 131603 | 2.04% | 0.344% |
| 14 | 11.951 | 1653 | 1659 | 1672 | rBV2 | 721252 | 1175056 | 18.19% | 3.069% |
| 15 | 12.733 | 1787 | 1792 | 1806 | rBV | 101449 | 195577 | 3.03% | 0.511% |
| 16 | 13.016 | 1833 | 1840 | 1845 | rBV | 4662529 | 6459629 | 100.00% | 16.870% |
| 17 | 13.904 | 1986 | 1991 | 2009 | rBV | 226048 | 445125 | 6.89% | 1.163% |
| 18 | 14.063 | 2010 | 2018 | 2026 | rBV2 | 1135353 | 1902298 | 29.45% | 4.968% |
| 19 | 14.692 | 2121 | 2125 | 2131 | rBV | 53125 | 71505 | 1.11% | 0.187% |
| 20 | 15.551 | 2265 | 2271 | 2288 | rVB | 745225 | 1228392 | 19.02% | 3.208% |

Sum of corrected areas: 38289732

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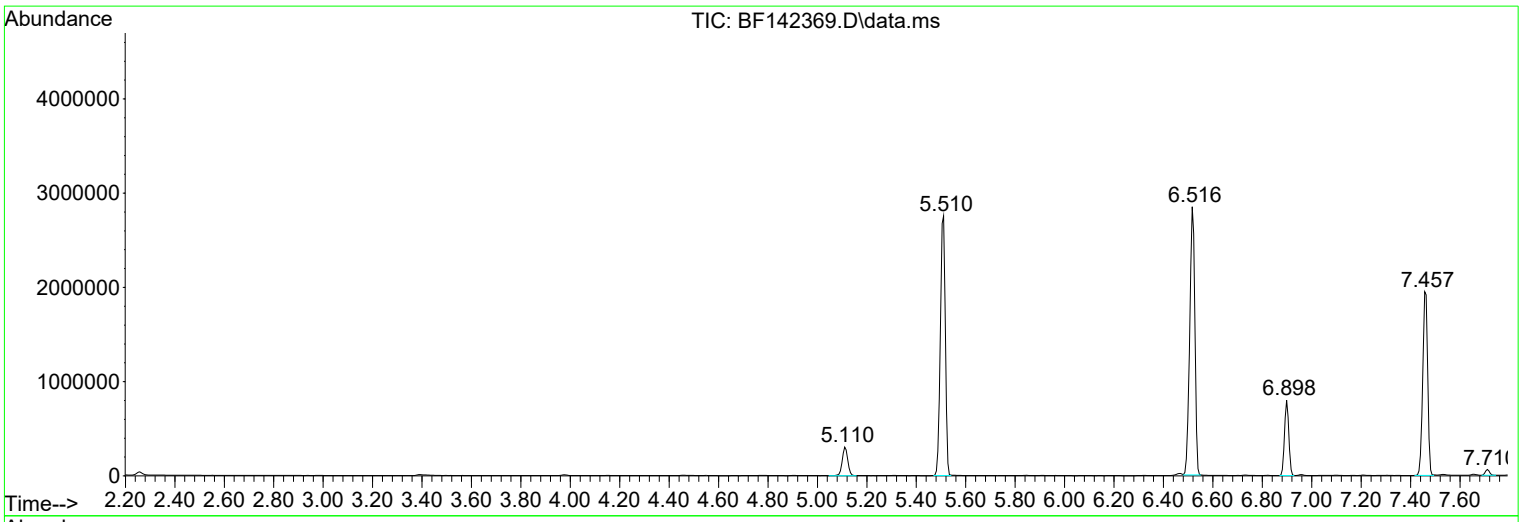
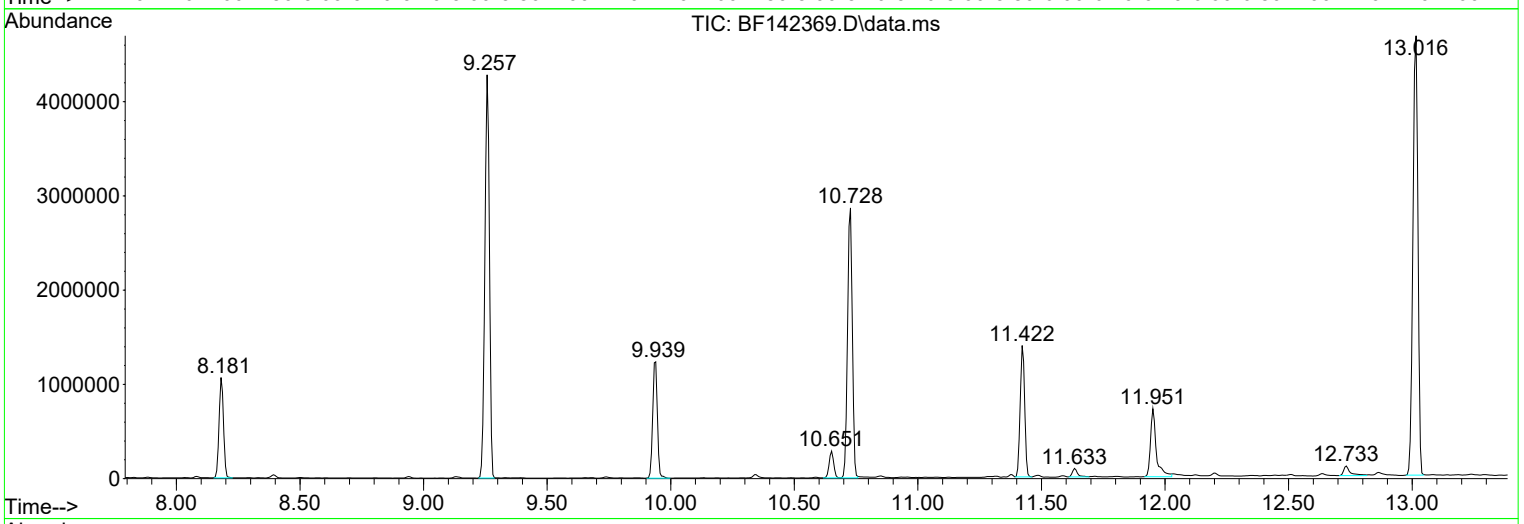
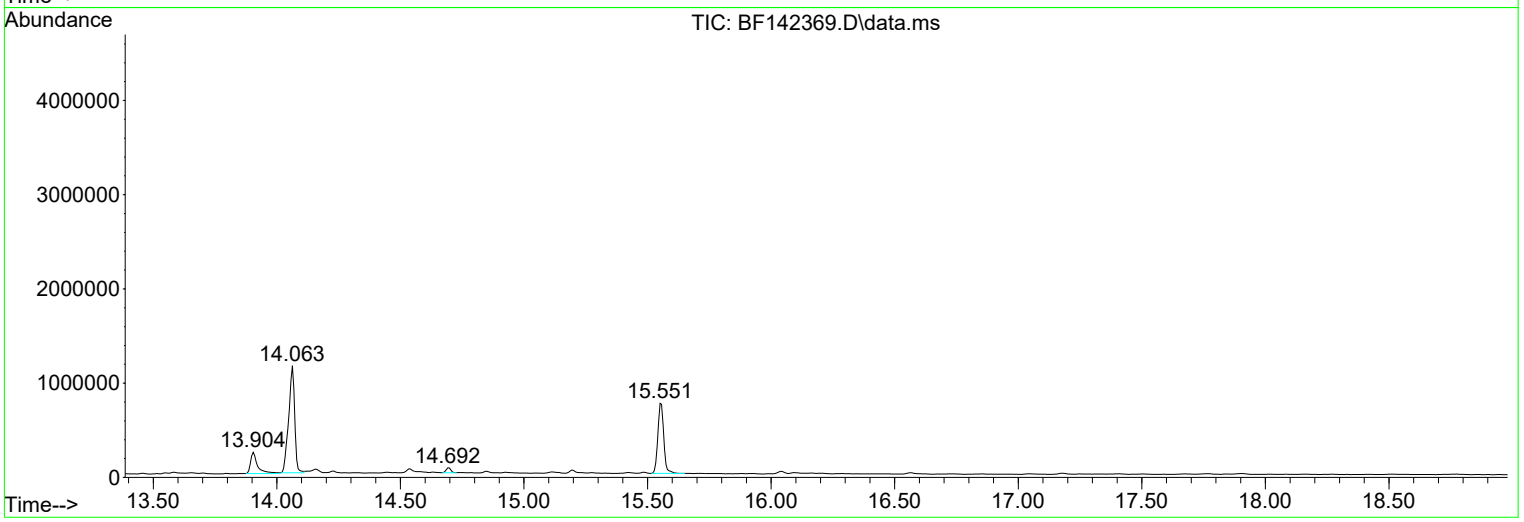
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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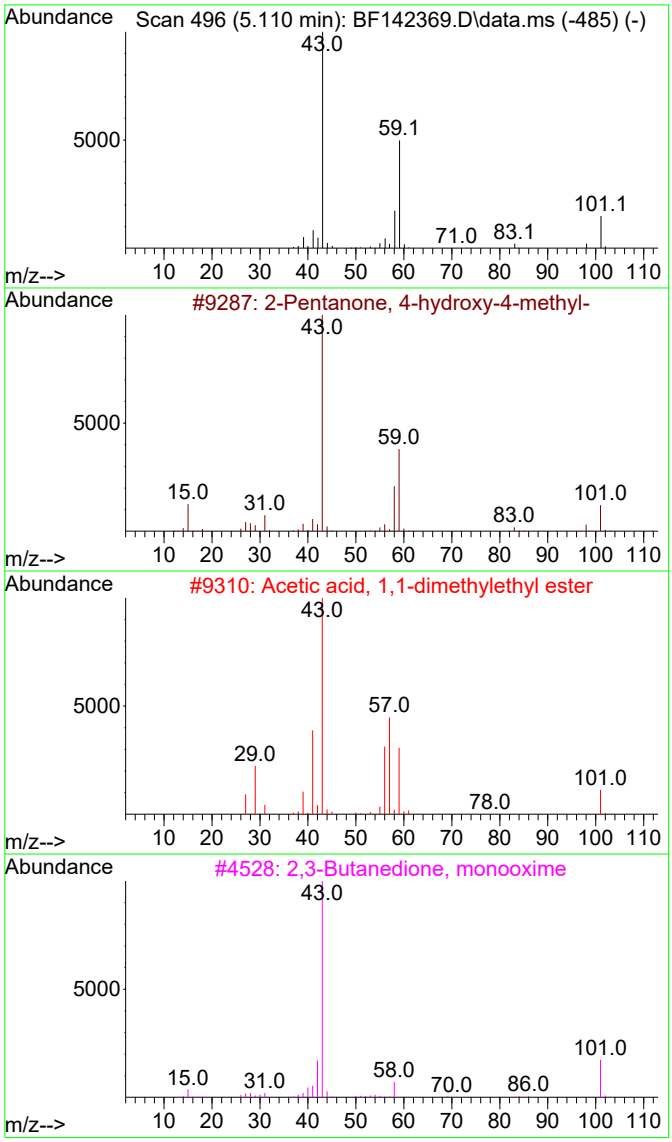
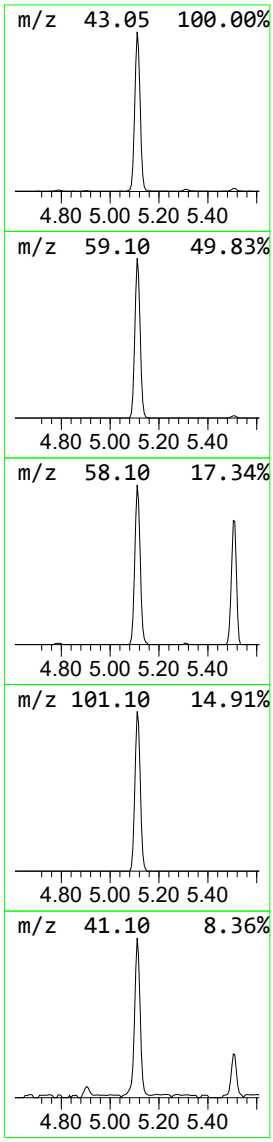
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.110 | 9.75 ng | 469738 | 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, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 23 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |
| 5 | 2-Propanone, 1-(1-methylethoxy)- | 116 | C6H12O2 | 042781-12-4 | 9 |



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

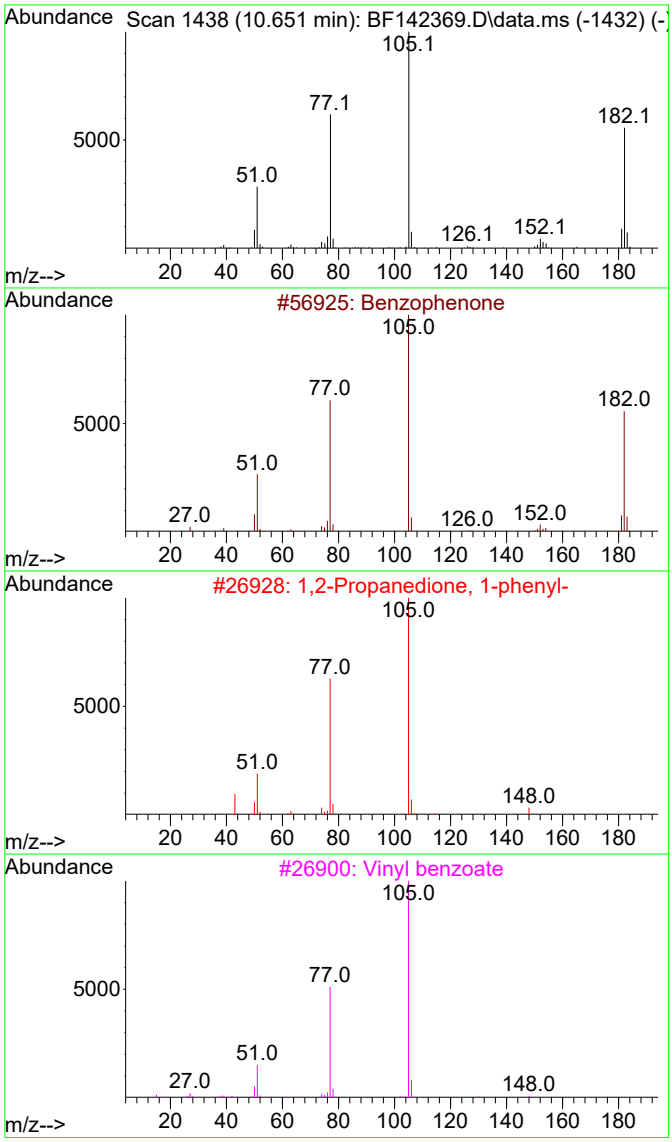
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

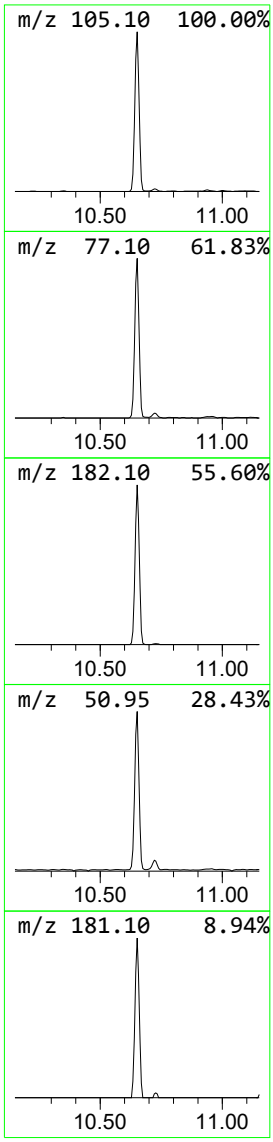
**********

Peak Number 2 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.651 | 4.33 ng | 353792 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | 1,2-Propanedione, 1-phenyl- | 148 | C9H8O2 | 000579-07-7 | 47 |
| 3 | Vinyl benzoate | 148 | C9H8O2 | 000769-78-8 | 47 |
| 4 | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 47 |
| 5 | N-Methylbenzamide, N-pentafluoro... | 281 | C11H8F5NO2 | 1000446-98-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
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Sample : Q2004-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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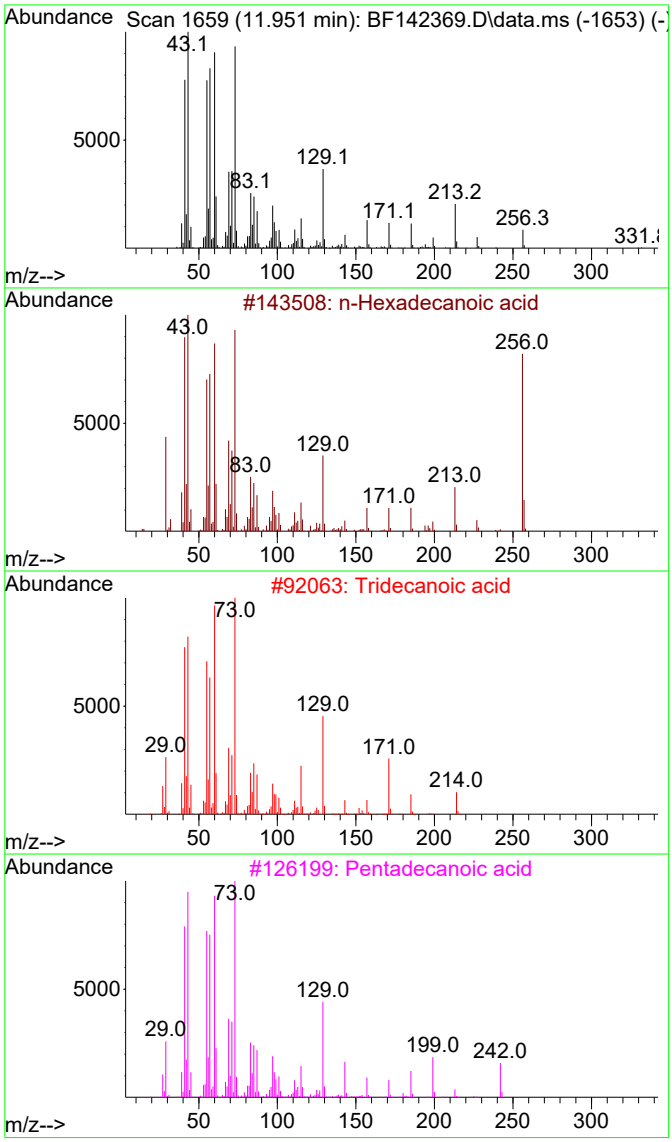
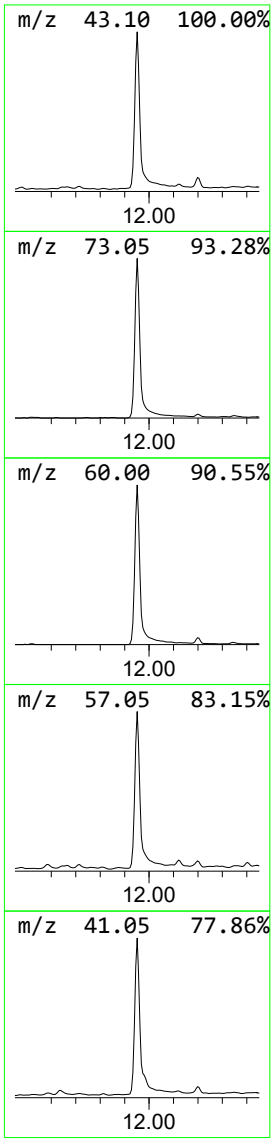
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.951 | 13.47 ng | 1175060 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 89 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 81 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 64 |



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Sample : Q2004-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

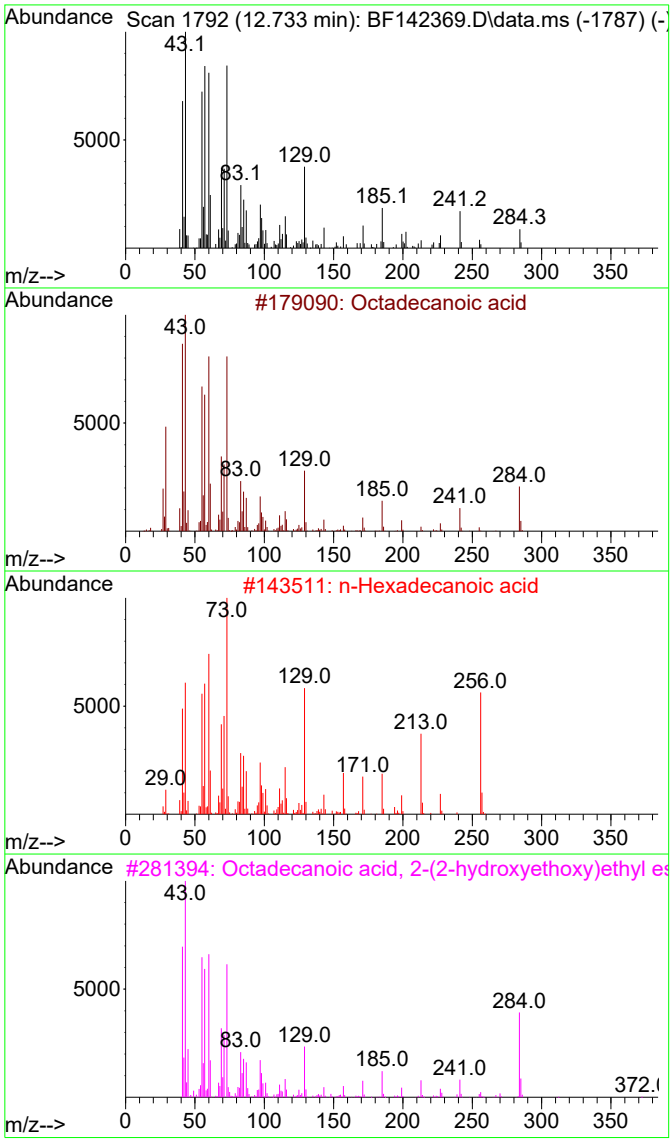
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

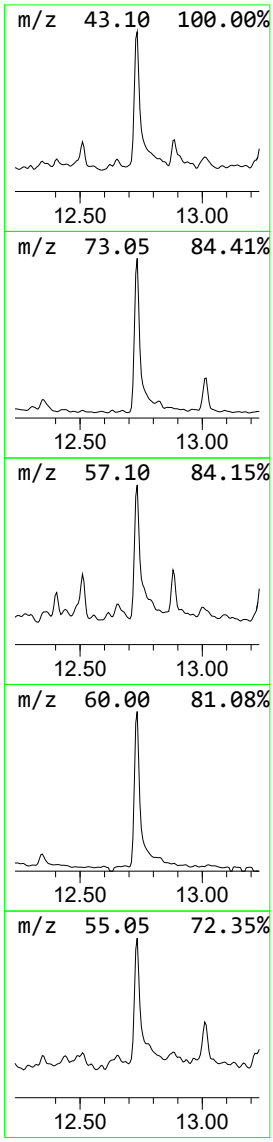
**********

Peak Number 4 Octadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.733 | 2.24 ng | 195577 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 3 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 87 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 80 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 78 |



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Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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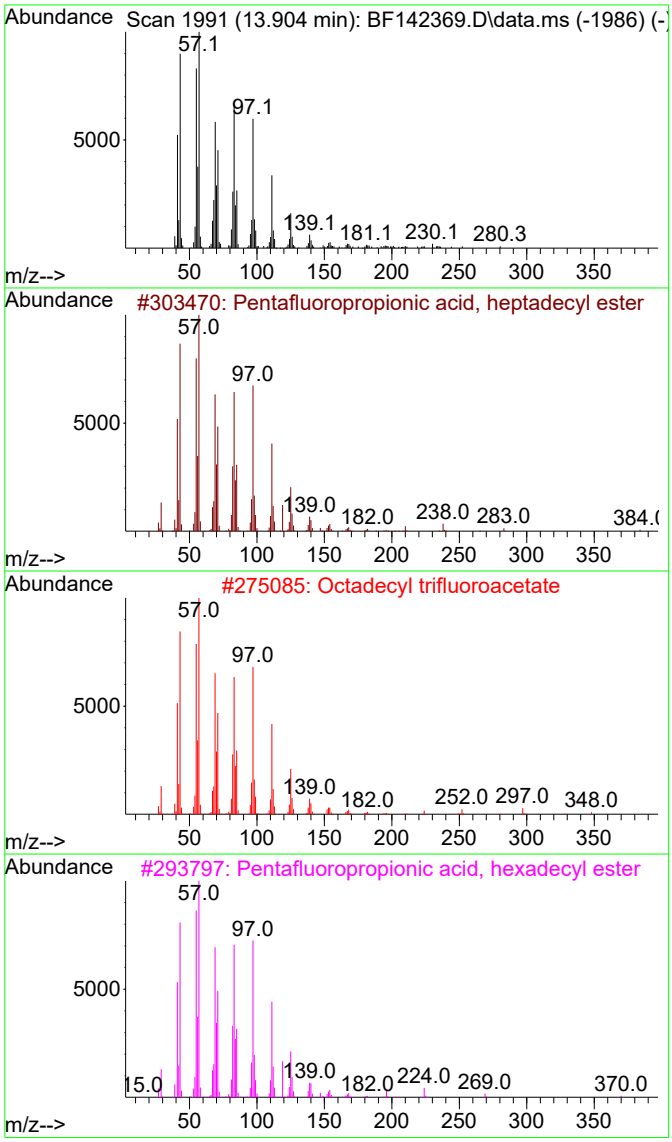
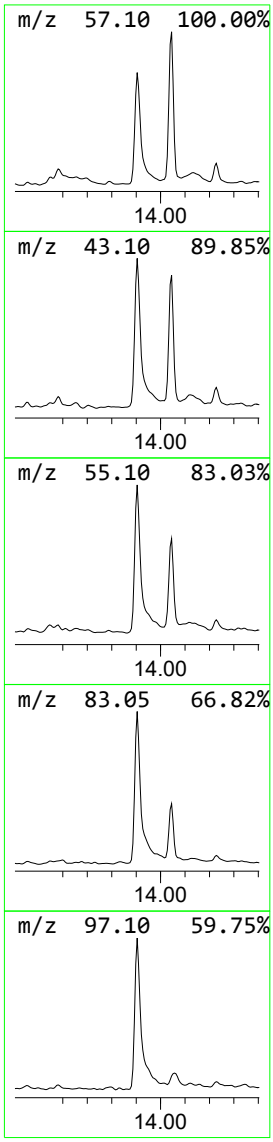
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.904 | 4.68 ng | 445125 | Chrysene-d12 | 14.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 94 |
| 2 | Octadecyl trifluoroacetate | 366 | C20H37F3O2 | 079392-43-1 | 94 |
| 3 | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 94 |
| 4 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1010351-87-0 | 94 |
| 5 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |



Tentatively Identified Compound (LSC) summary

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ALS Vial : 11 Sample Multiplier: 1

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 5.110 | 9.8 | ng | 469738 | 1 | 6.898 | 963791 | 20.0 |
| Benzophenone | 10.651 | 4.3 | ng | 353792 | 3 | 9.939 | 1633740 | 20.0 |
| n-Hexadecanoic ... | 11.951 | 13.5 | ng | 1175060 | 4 | 11.422 | 1744450 | 20.0 |
| Octadecanoic acid | 12.733 | 2.2 | ng | 195577 | 4 | 11.422 | 1744450 | 20.0 |
| Pentafluoroprop... | 13.904 | 4.7 | ng | 445125 | 5 | 14.063 | 1902300 | 20.0 |