LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** R-LA-36-2-WC

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122491.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.151 | 6 | 11 | 16 | rVB | 498117 | 625302 | 15.20% | 1.815% |
| 2 | 5.075 | 503 | 508 | 517 | rVB | 62646 | 79046 | 1.92% | 0.229% |
| 3 | 5.481 | 572 | 577 | 580 | rBV | 3860036 | 3496004 | 85.00% | 10.146% |
| 4 | 6.486 | 743 | 748 | 751 | rBV | 3495062 | 3648946 | 88.72% | 10.590% |
| 5 | 6.681 | 778 | 781 | 791 | rBV | 90237 | 101389 | 2.47% | 0.294% |
| 6 | 6.857 | 807 | 811 | 814 | rBV | 1321347 | 1176918 | 28.61% | 3.416% |
| 7 | 7.416 | 901 | 906 | 909 | rBV | 2586136 | 2359469 | 57.37% | 6.847% |
| 8 | 8.139 | 1025 | 1029 | 1045 | rBV | 1850856 | 1561532 | 37.97% | 4.532% |
| 9 | 8.904 | 1156 | 1159 | 1165 | rBV | 35710 | 51281 | 1.25% | 0.149% |
| 10 | 9.216 | 1207 | 1212 | 1215 | rBV | 4622904 | 4113041 | 100.00% | 11.936% |
| 11 | 9.610 | 1275 | 1279 | 1288 | rBV | 791662 | 687247 | 16.71% | 1.994% |
| 12 | 9.898 | 1323 | 1328 | 1331 | rBV | 1990258 | 1786341 | 43.43% | 5.184% |
| 13 | 10.686 | 1457 | 1462 | 1472 | rBV | 2592340 | 2546430 | 61.91% | 7.390% |
| 14 | 11.380 | 1576 | 1580 | 1583 | rBV | 1949702 | 1736563 | 42.22% | 5.040% |
| 15 | 11.404 | 1583 | 1584 | 1588 | rVV2 | 103368 | 107804 | 2.62% | 0.313% |
| 16 | 11.439 | 1588 | 1590 | 1597 | rVB3 | 47747 | 59555 | 1.45% | 0.173% |
| 17 | 11.910 | 1667 | 1670 | 1679 | rBV2 | 203894 | 194747 | 4.73% | 0.565% |
| 18 | 12.592 | 1783 | 1786 | 1790 | rBV | 85554 | 71511 | 1.74% | 0.208% |
| 19 | 12.821 | 1822 | 1825 | 1828 | rBV | 85688 | 67670 | 1.65% | 0.196% |
| 20 | 12.968 | 1846 | 1850 | 1853 | rBV | 4015942 | 3526659 | 85.74% | 10.235% |
| 21 | 13.198 | 1885 | 1889 | 1896 | rBV4 | 41942 | 64877 | 1.58% | 0.188% |
| 22 | 13.657 | 1964 | 1967 | 1972 | rBV2 | 44800 | 46451 | 1.13% | 0.135% |
| 23 | 13.874 | 2000 | 2004 | 2020 | rBV | 385934 | 734157 | 17.85% | 2.131% |
| 24 | 14.021 | 2025 | 2029 | 2032 | rBV | 1426038 | 1294770 | 31.48% | 3.758% |
| 25 | 14.492 | 2106 | 2109 | 2112 | rBV | 78138 | 66506 | 1.62% | 0.193% |
| 26 | 14.527 | 2112 | 2115 | 2124 | rVB5 | 41071 | 78833 | 1.92% | 0.229% |
| 27 | 14.798 | 2156 | 2161 | 2166 | rBV3 | 31458 | 45312 | 1.10% | 0.132% |
| 28 | 14.945 | 2183 | 2186 | 2194 | rVB | 78932 | 89130 | 2.17% | 0.259% |
| 29 | 15.062 | 2202 | 2206 | 2209 | rBV3 | 29991 | 48131 | 1.17% | 0.140% |
| 30 | 15.139 | 2216 | 2219 | 2224 | rBV | 133988 | 153417 | 3.73% | 0.445% |
| 31 | 15.198 | 2224 | 2229 | 2231 | rBV5 | 40672 | 70829 | 1.72% | 0.206% |
| 32 | 15.492 | 2274 | 2279 | 2283 | rBV | 1129730 | 1349791 | 32.82% | 3.917% |
| 33 | 15.727 | 2314 | 2319 | 2327 | rBV | 148852 | 207761 | 5.05% | 0.603% |
| 34 | 15.962 | 2354 | 2359 | 2364 | rVB | 132250 | 193559 | 4.71% | 0.562% |
| 35 | 16.039 | 2366 | 2372 | 2384 | rBV4 | 145276 | 501639 | 12.20% | 1.456% |
| 36 | 16.468 | 2442 | 2445 | 2455 | rVB4 | 36566 | 64216 | 1.56% | 0.186% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
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Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
R-LA-36-2-WC

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 16.762 | 2489 | 2495 | 2501 | rVB3 | 69183 | 134828 | 3.28% | 0.391% |
| 38 | 17.056 | 2543 | 2545 | 2552 | rVB3 | 57912 | 102437 | 2.49% | 0.297% |
| 39 | 17.139 | 2553 | 2559 | 2565 | rBV6 | 132872 | 355714 | 8.65% | 1.032% |
| 40 | 17.309 | 2584 | 2588 | 2598 | rVB4 | 76353 | 172372 | 4.19% | 0.500% |
| 41 | 17.580 | 2627 | 2634 | 2651 | rBV4 | 96998 | 368993 | 8.97% | 1.071% |
| 42 | 17.945 | 2692 | 2696 | 2701 | rVB6 | 35560 | 66543 | 1.62% | 0.193% |
| 43 | 18.186 | 2734 | 2737 | 2744 | rVB9 | 28649 | 56141 | 1.36% | 0.163% |
| 44 | 18.580 | 2797 | 2804 | 2812 | rBV6 | 73545 | 193880 | 4.71% | 0.563% |

Sum of corrected areas: 34457742

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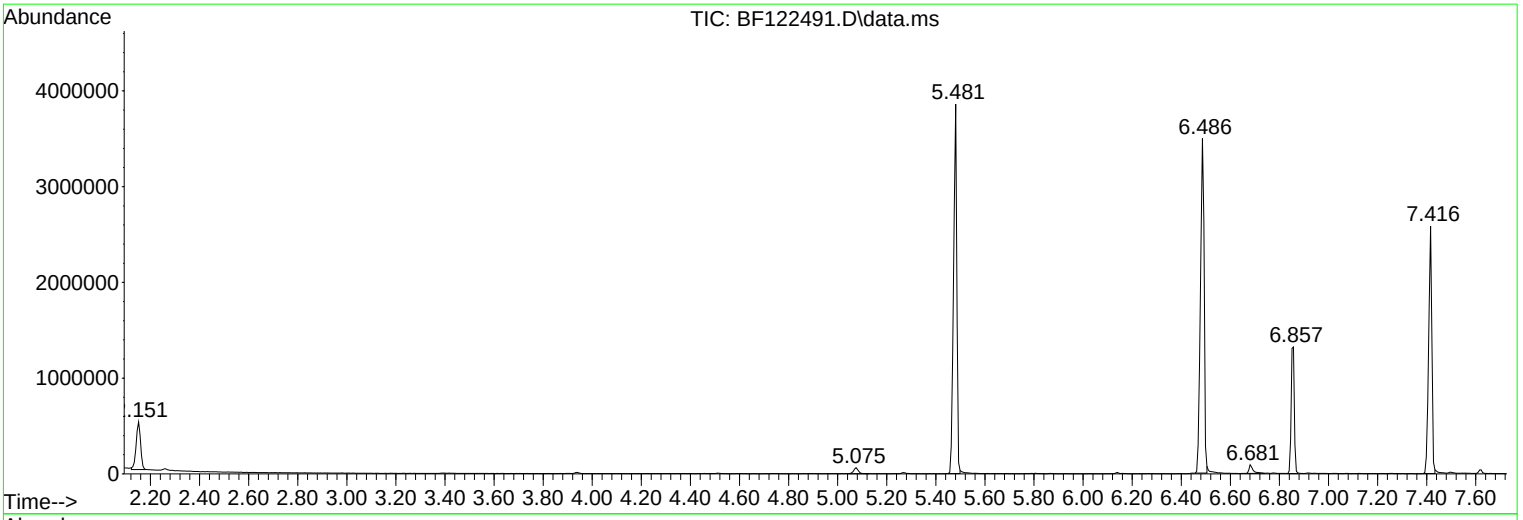
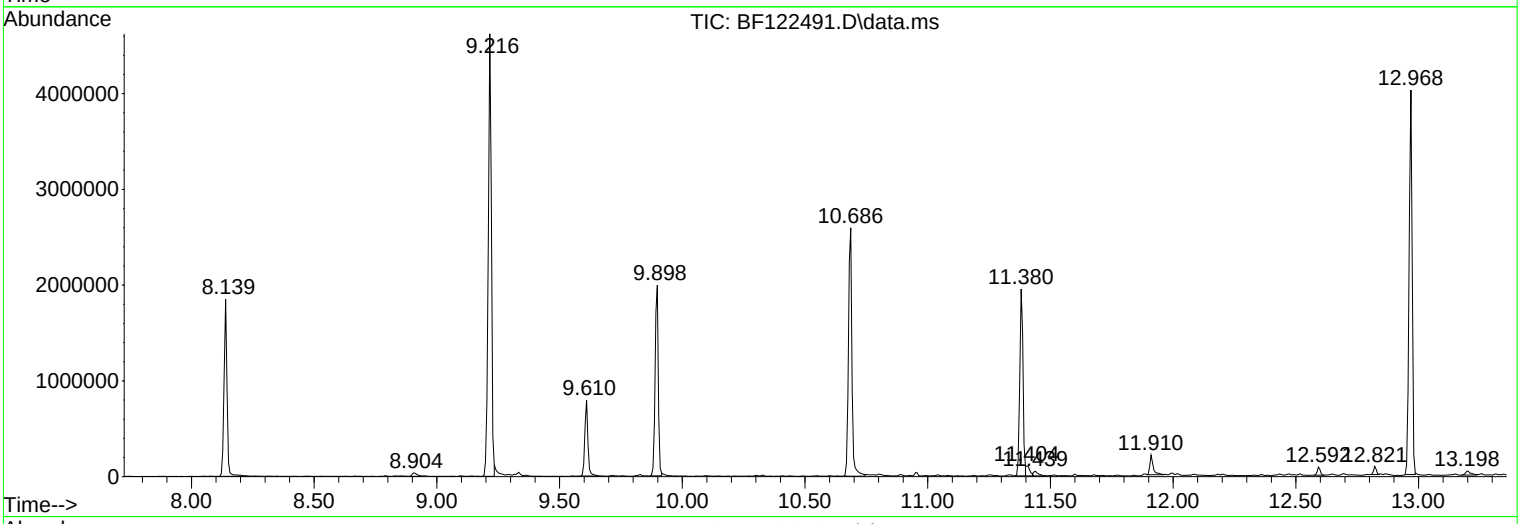
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

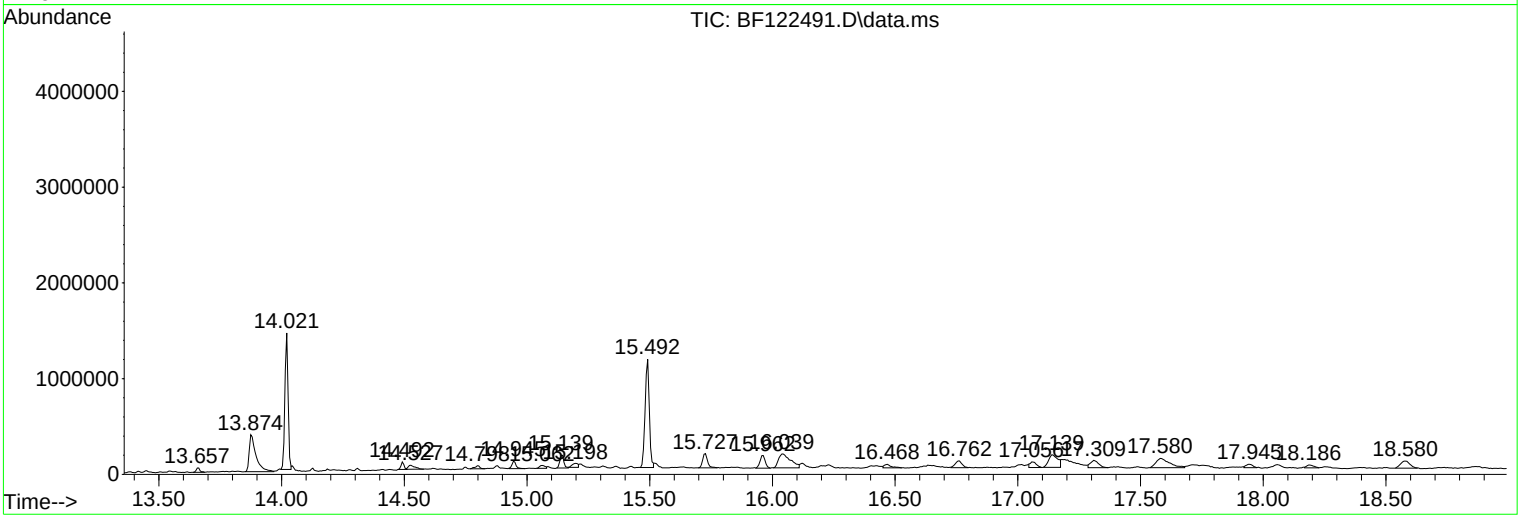
**Instrument :**
BNA_F
**ClientSampleId :**
R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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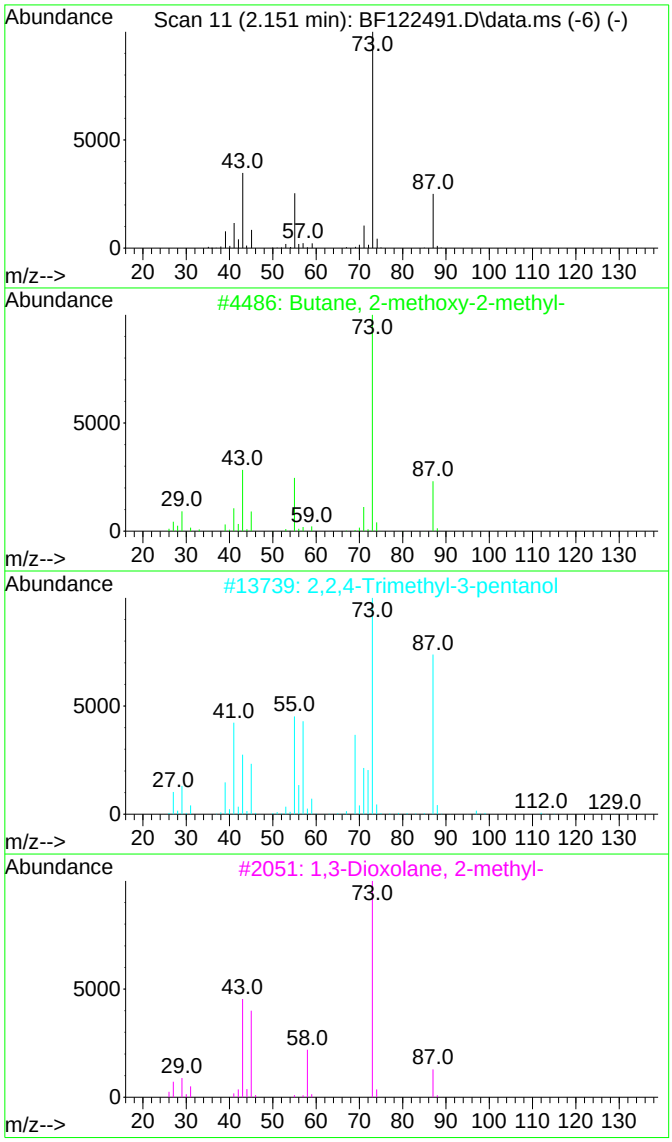
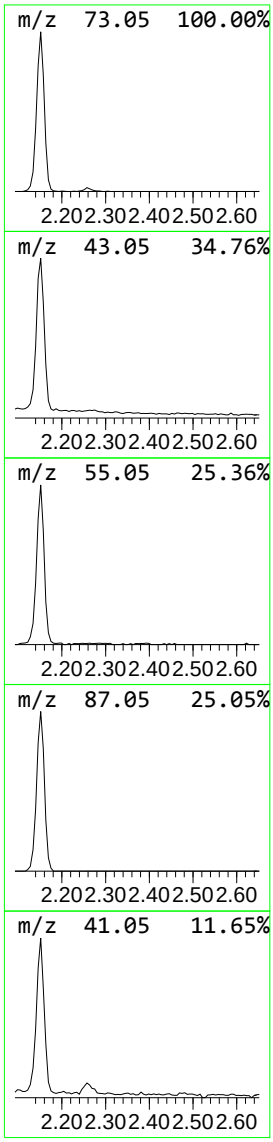
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.151 | 10.63 ng | 625302 | 1,4-Dichlorobenzene-d4 | 6.857 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 86 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 23 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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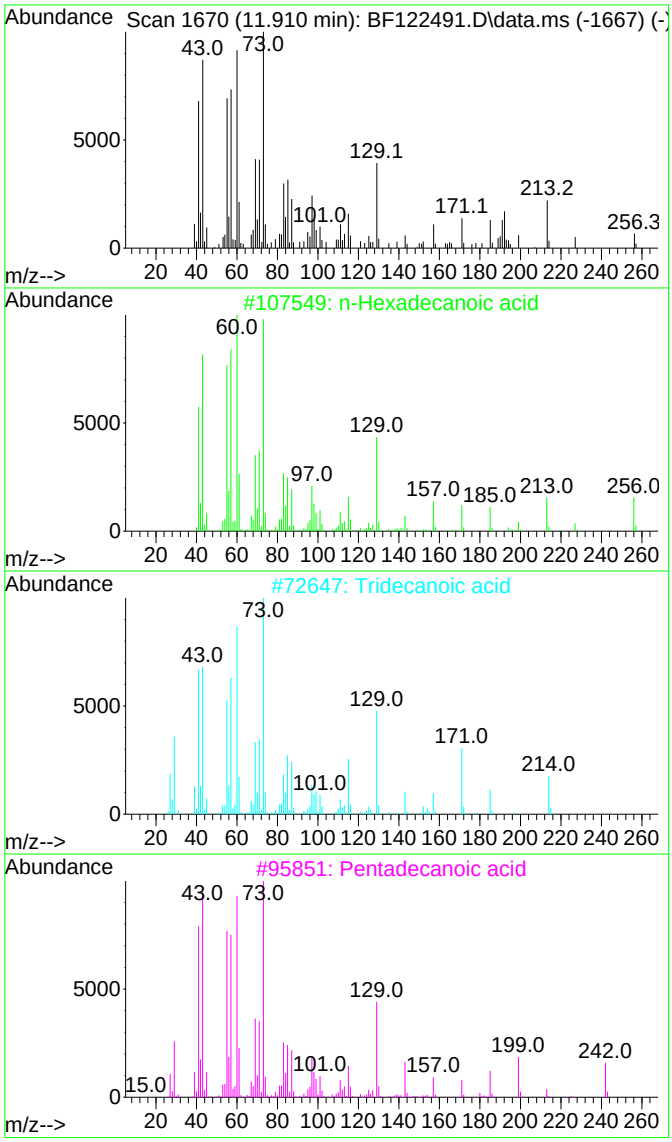
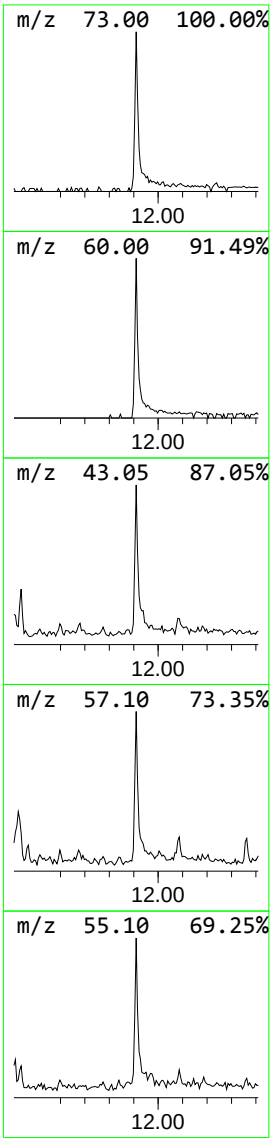
Peak Number 2 n-Hexadecanoic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.910 | 2.24 ng | 194747 | Phenanthrene-d10 | 11.380 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 94 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 76 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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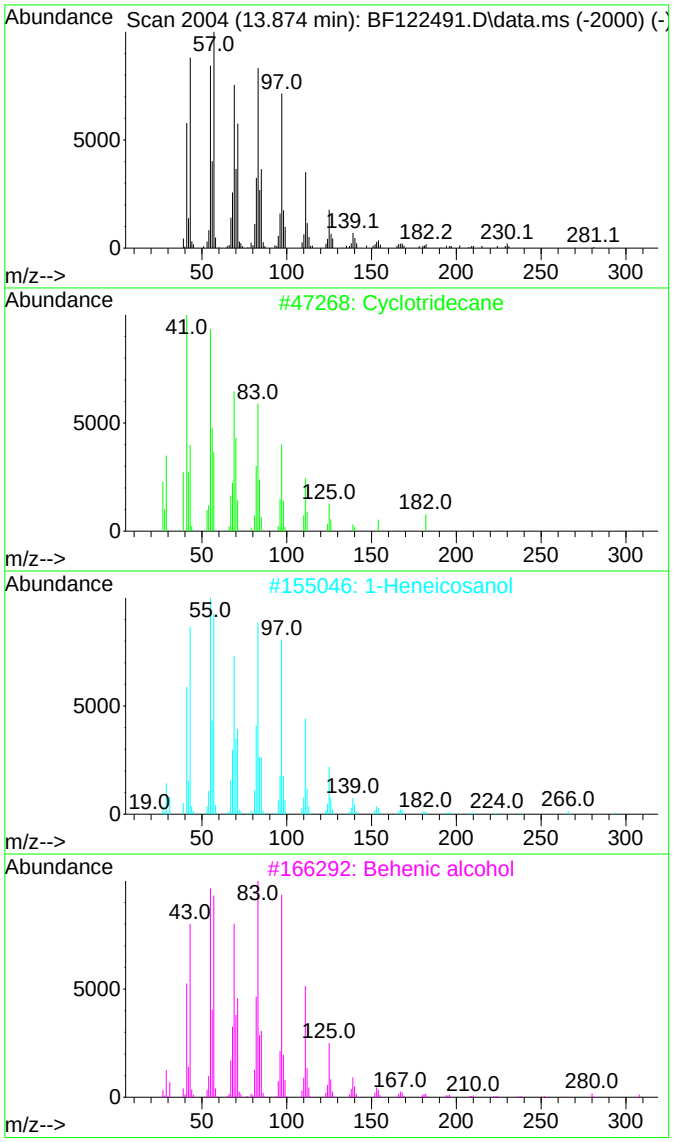
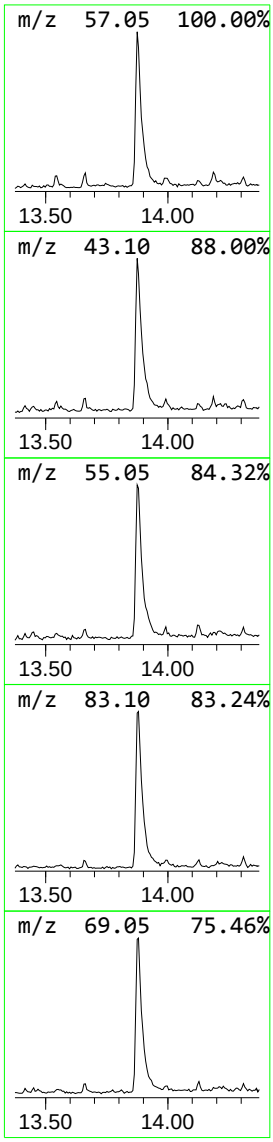
Peak Number 3 Cyclotridecane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.874 | 11.34 ng | 734157 | Chrysene-d12 | 14.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotridecane | 182 | C13H26 | 000295-02-3 | 95 |
| 2 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 95 |
| 4 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 94 |
| 5 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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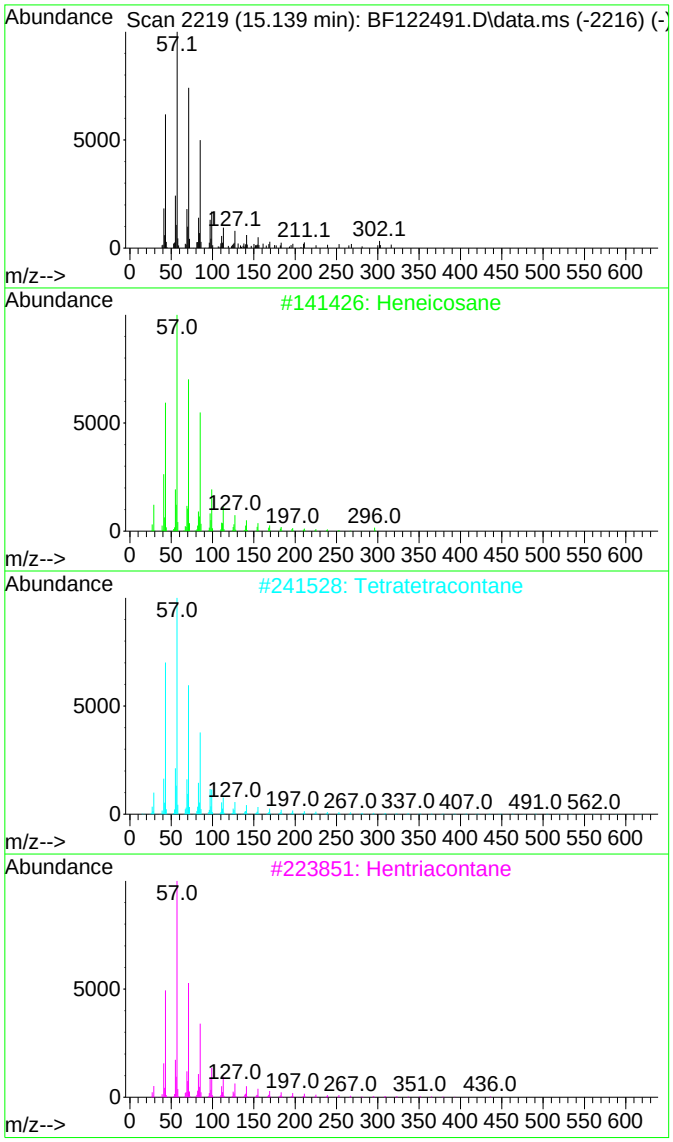
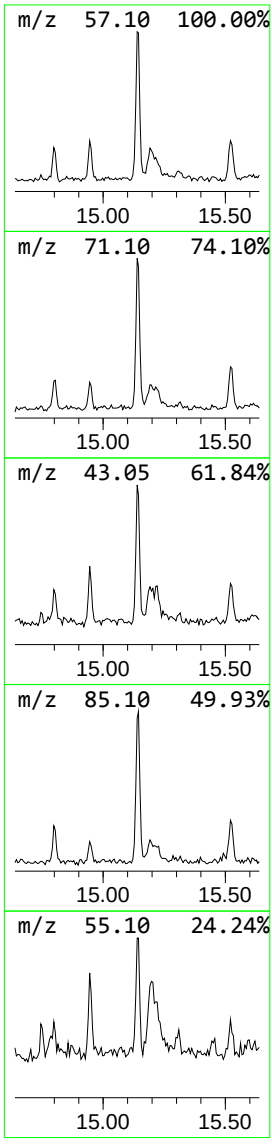
Peak Number 4 Heneicosane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.139 | 2.27 ng | 153417 | Perylene-d12 | 15.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 3 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 91 |
| 4 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

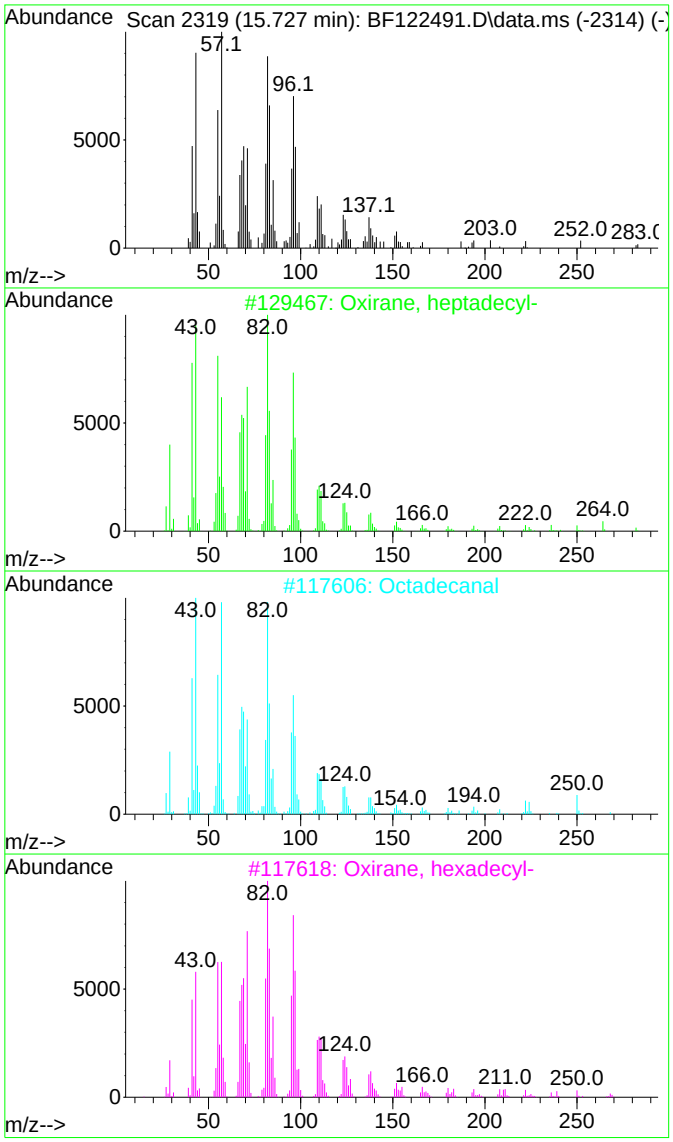
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

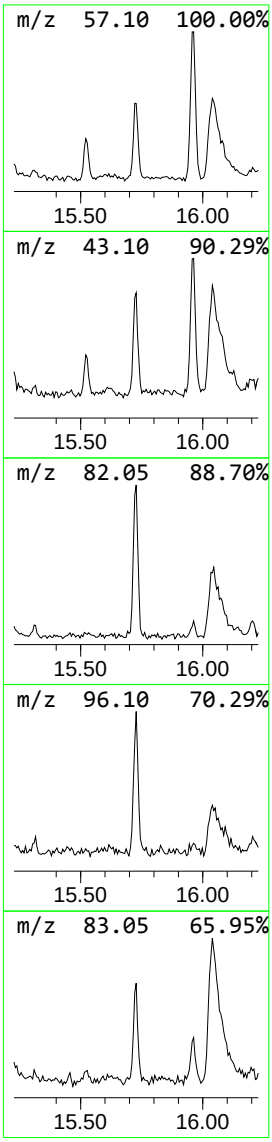
**********

Peak Number 5 Oxirane, heptadecyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.727 | 3.08 ng | 207761 | Perylene-d12 | 15.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 93 |
| 2 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |
| 3 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 87 |
| 4 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 74 |
| 5 | Heptadecanal | 254 | C17H34O | 1000376-70-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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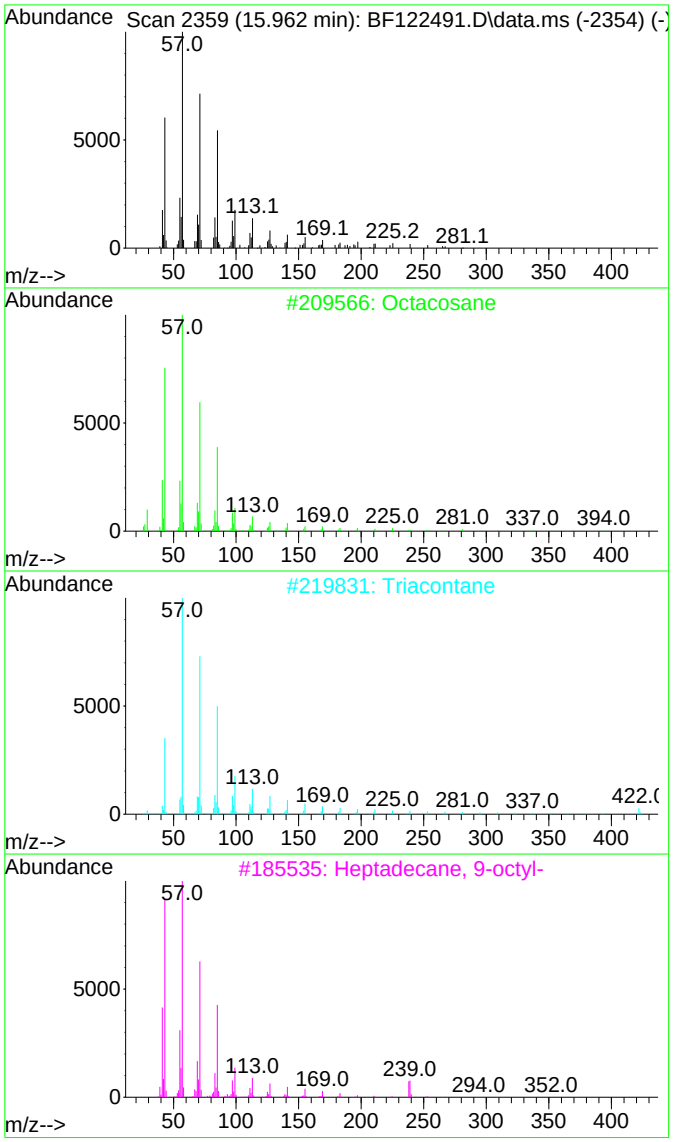
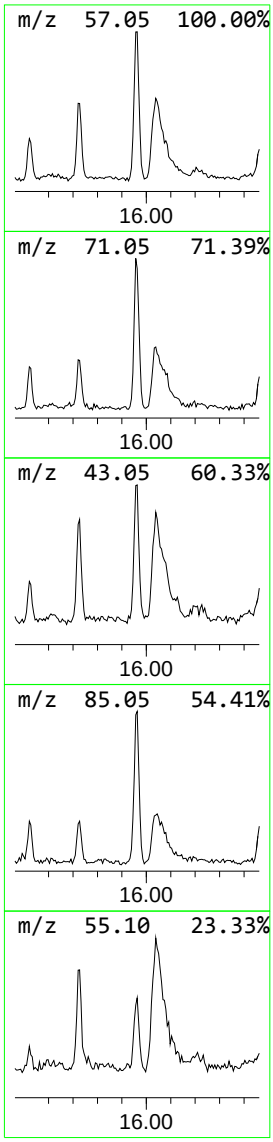
Peak Number 6 Octacosane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.962 | 2.87 ng | 193559 | Perylene-d12 | 15.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 2 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 3 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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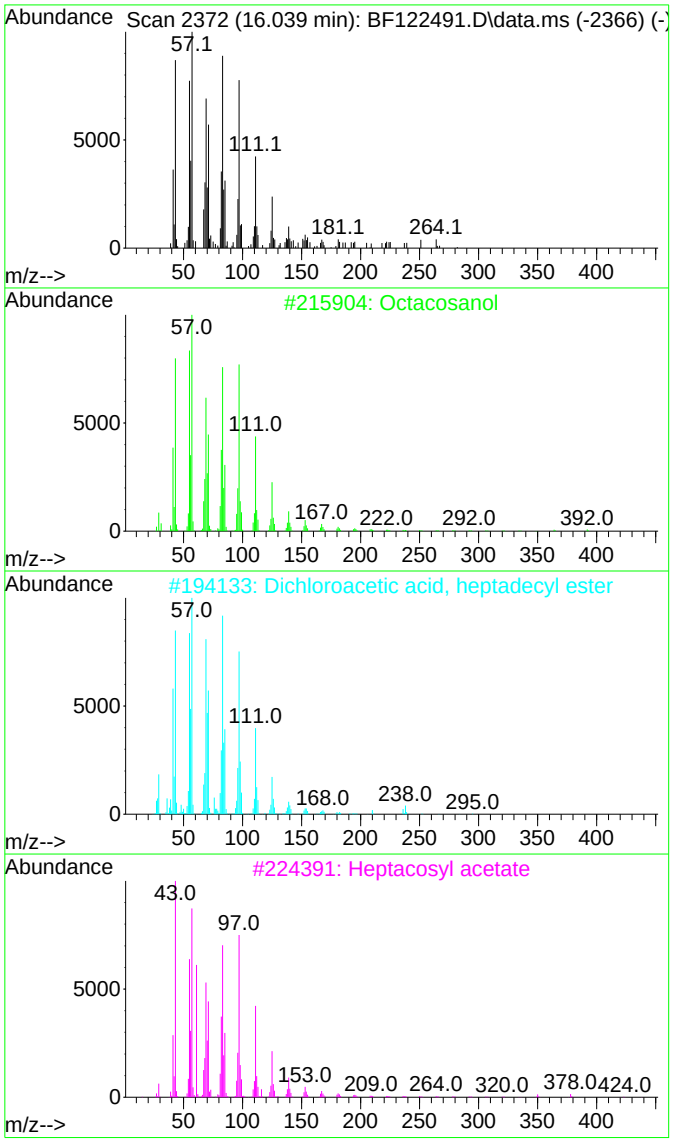
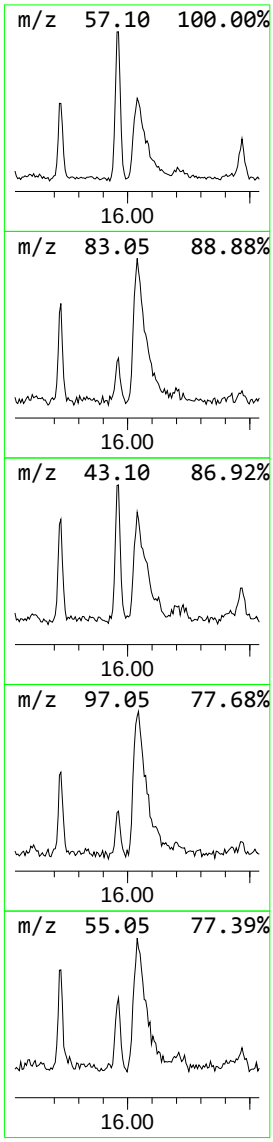
Peak Number 7 Octacosanol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.039 | 7.43 ng | 501639 | Perylene-d12 | 15.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosanol | 410 | C28H58O | 000557-61-9 | 94 |
| 2 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 91 |
| 3 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 90 |
| 4 | Acetic acid n-octadecyl ester | 312 | C20H40O2 | 000822-23-1 | 87 |
| 5 | Tetracosyl heptafluorobutyrate | 550 | C28H49F7O2 | 1000351-83-7 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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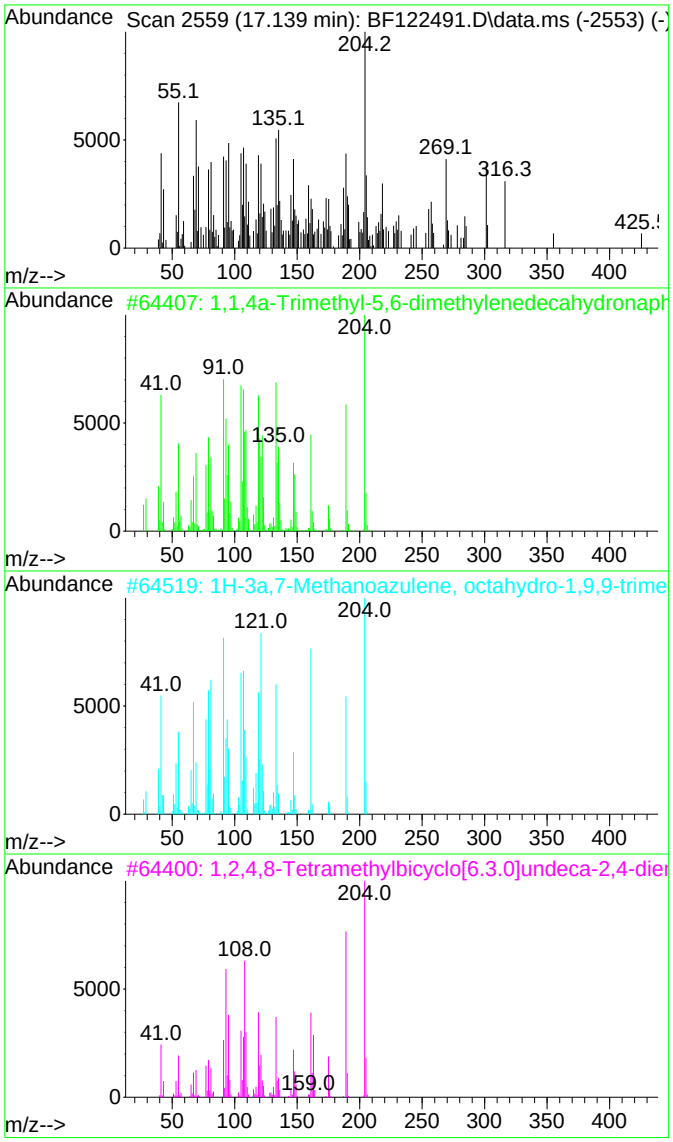
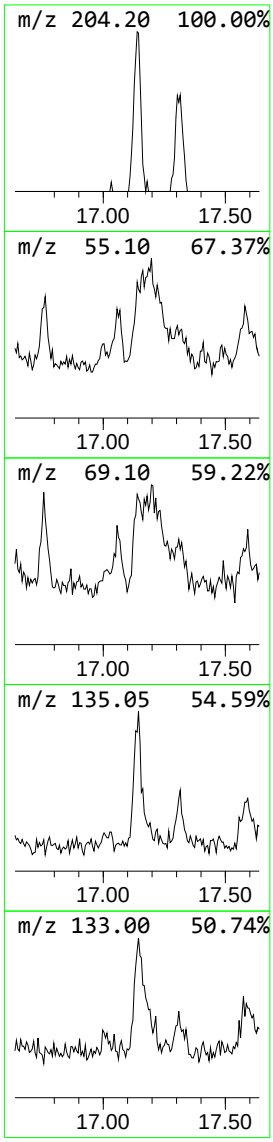
Peak Number 8 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.139 | 5.27 ng | 355714 | Perylene-d12 | 15.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1,4a-Trimethyl-5,6-dimethylene... | 204 | C15H24 | 1000193-60-8 | 83 |
| 2 | 1H-3a,7-Methanoazulene, octahydr... | 204 | C15H24 | 000508-55-4 | 43 |
| 3 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 43 |
| 4 | Naphthalene, 1,2,3,5,6,7,8,8a-oc... | 204 | C15H24 | 004630-07-3 | 42 |
| 5 | 1H-Cycloprop[e]azulene, 1a,2,3,4... | 204 | C15H24 | 000489-40-7 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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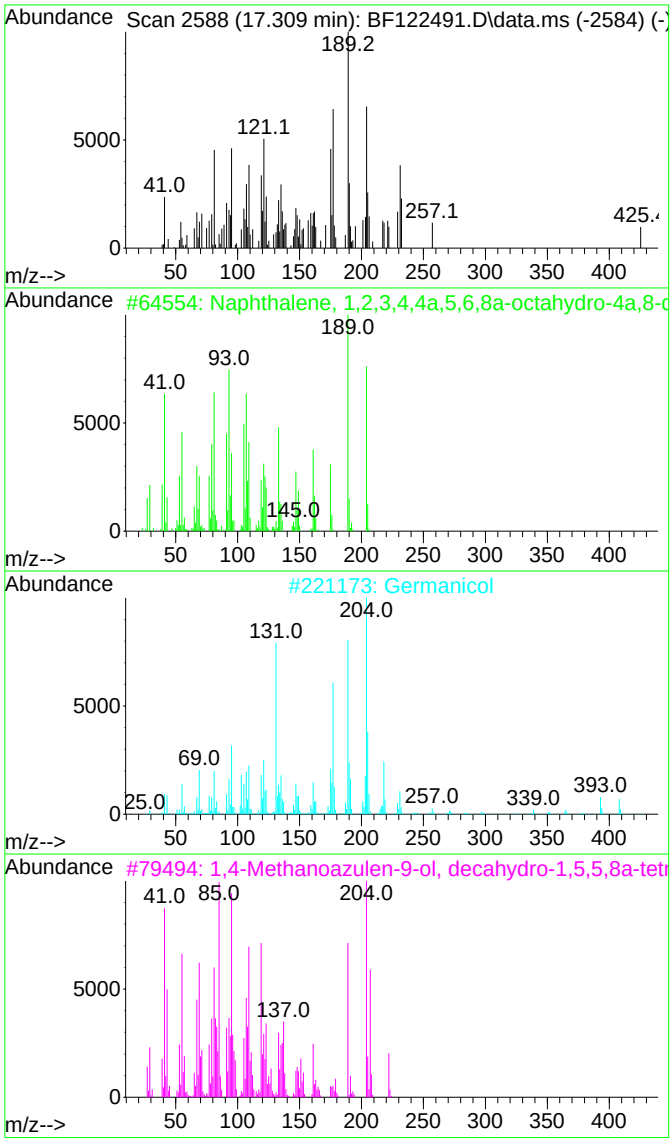
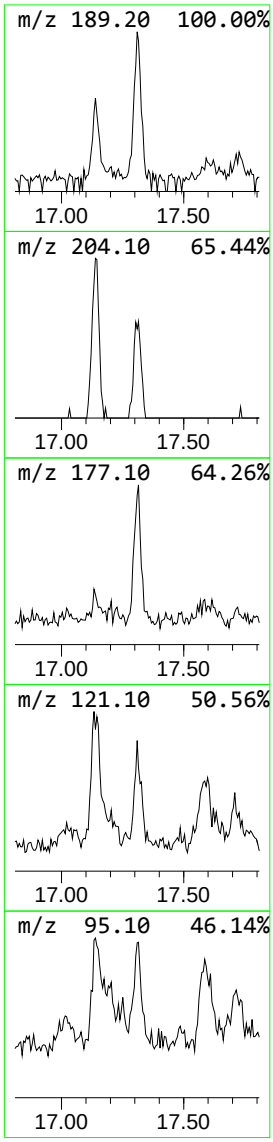
Peak Number 9 unknown17.309 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.309 | 2.55 ng | 172372 | Perylene-d12 | 15.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4,4a,5,6,8a-o... | 204 | C15H24 | 000473-13-2 | 49 |
| 2 | Germanicol | 426 | C30H50O | 000465-02-1 | 43 |
| 3 | 1,4-Methanoazulen-9-ol, decahydr... | 222 | C15H26O | 000465-24-7 | 38 |
| 4 | Spiro[5.5]undec-2-ene, 3,7,7-tri... | 204 | C15H24 | 018431-82-8 | 27 |
| 5 | Benzene, 1,3,5-tris(1-methylethyl)- | 204 | C15H24 | 000717-74-8 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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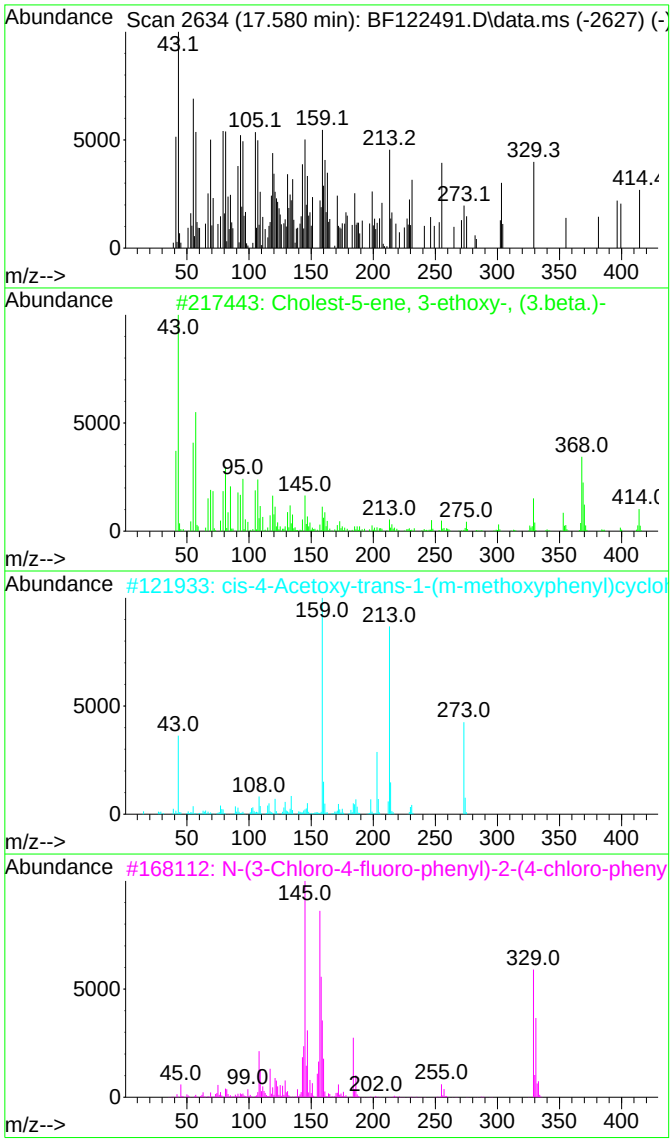
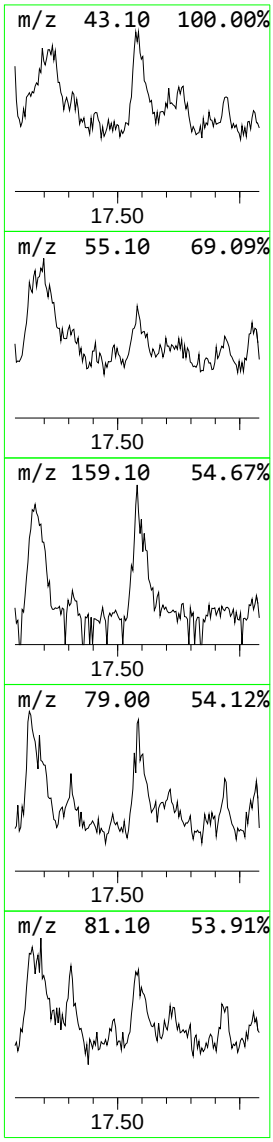
Peak Number 10 unknown17.580 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.580 | 5.47 ng | 368993 | Perylene-d12 | 15.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cholest-5-ene, 3-ethoxy-, (3.bet... | 414 | C29H50O | 000986-19-6 | 44 |
| 2 | cis-4-Acetoxy-trans-1-(m-methoxy... | 273 | C16H19NO3 | 1000241-10-4 | 25 |
| 3 | N-(3-Chloro-4-fluoro-phenyl)-2-(... | 329 | C14H10Cl2FNOS | 1000295-12-7 | 9 |
| 4 | 2,6-Diamino-9-[2,6-dichlorobenzy... | 308 | C12H10Cl2N6 | 1000212-70-6 | 7 |
| 5 | Glutaric acid, 2-methylhex-3-yl ... | 388 | C20H27F3O4 | 1000377-36-7 | 4 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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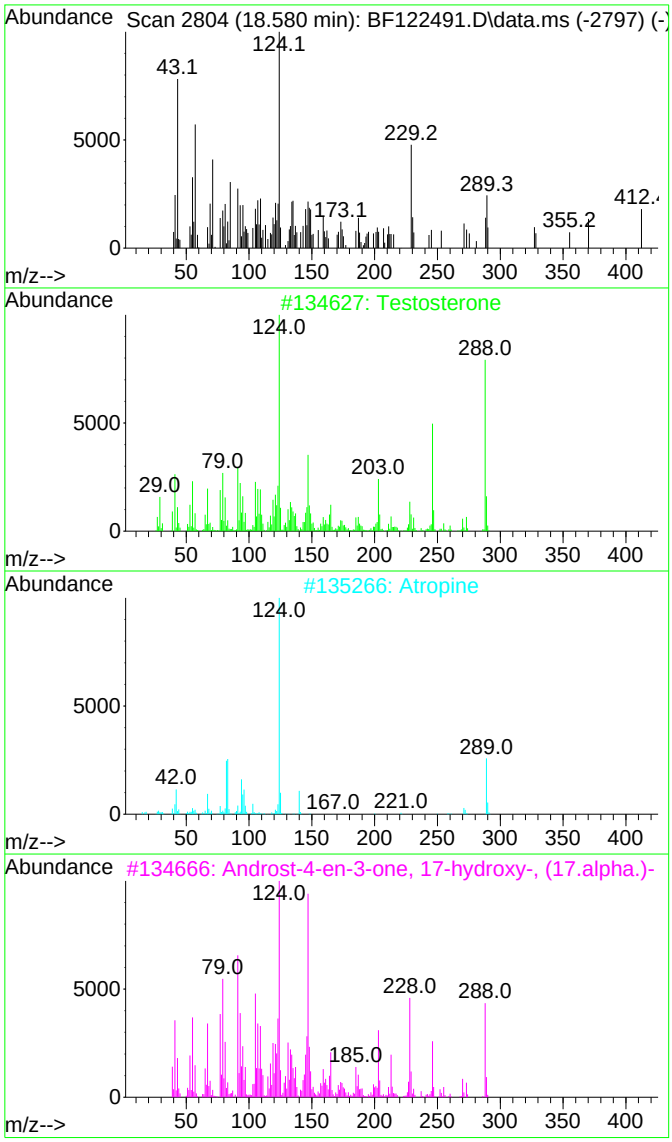
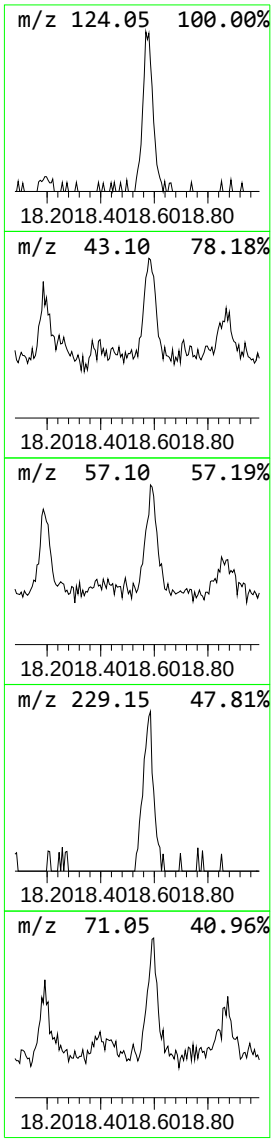
Peak Number 11 Testosterone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.580 | 2.87 ng | 193880 | Perylene-d12 | 15.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Testosterone | 288 | C19H28O2 | 000058-22-0 | 50 |
| 2 | Atropine | 289 | C17H23NO3 | 000051-55-8 | 38 |
| 3 | Androst-4-en-3-one, 17-hydroxy-,... | 288 | C19H28O2 | 000481-30-1 | 35 |
| 4 | Phosphonic acid, 2-phenylethenyl... | 290 | C15H15O4P | 330855-58-8 | 30 |
| 5 | Pyridine, 1-(chloroacetyl)-1,2,3... | 159 | C7H10ClNO | 063177-40-2 | 30 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122491.D
Acq On : 25 Nov 2020 18:31
Operator : JU/CG
Sample : L4893-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** R-LA-36-2-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.151 | 10.6 | ng | 625302 | 1 | 6.857 | 1176920 | 20.0 |
| n-Hexadecanoic ... | 11.910 | 2.2 | ng | 194747 | 4 | 11.380 | 1736560 | 20.0 |
| Cyclotridecane | 13.874 | 11.3 | ng | 734157 | 5 | 14.021 | 1294770 | 20.0 |
| Heneicosane | 15.139 | 2.3 | ng | 153417 | 6 | 15.492 | 1349790 | 20.0 |
| Oxirane, heptad... | 15.727 | 3.1 | ng | 207761 | 6 | 15.492 | 1349790 | 20.0 |
| Octacosane | 15.962 | 2.9 | ng | 193559 | 6 | 15.492 | 1349790 | 20.0 |
| Octacosanol | 16.039 | 7.4 | ng | 501639 | 6 | 15.492 | 1349790 | 20.0 |
| 1,1,4a-Trimethy... | 17.139 | 5.3 | ng | 355714 | 6 | 15.492 | 1349790 | 20.0 |
| unknown17.309 | 17.309 | 2.5 | ng | 172372 | 6 | 15.492 | 1349790 | 20.0 |
| unknown17.580 | 17.580 | 5.5 | ng | 368993 | 6 | 15.492 | 1349790 | 20.0 |
| Testosterone | 18.580 | 2.9 | ng | 193880 | 6 | 15.492 | 1349790 | 20.0 |