LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134474.D
Acq On : 25 Jul 2023 21:23
Operator : CG\JU
Sample : 03654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
72-12016

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134474.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.175 | 3 | 15 | 21 | rVB | 199538 | 294019 | 8.84% | 1.266% |
| 2 | 5.104 | 510 | 513 | 525 | rVB | 34913 | 50552 | 1.52% | 0.218% |
| 3 | 5.481 | 573 | 577 | 599 | rBV | 3008095 | 2935867 | 88.25% | 12.645% |
| 4 | 6.481 | 742 | 747 | 750 | rBV | 2965431 | 2890315 | 86.88% | 12.448% |
| 5 | 6.834 | 803 | 807 | 817 | rBV | 748920 | 666482 | 20.03% | 2.870% |
| 6 | 7.398 | 899 | 903 | 906 | rBV | 2036013 | 1814148 | 54.53% | 7.813% |
| 7 | 8.110 | 1021 | 1024 | 1036 | rBV | 1119234 | 845783 | 25.42% | 3.643% |
| 8 | 9.186 | 1203 | 1207 | 1211 | rBV | 3508695 | 3326781 | 100.00% | 14.328% |
| 9 | 9.492 | 1256 | 1259 | 1262 | rBV | 83393 | 65547 | 1.97% | 0.282% |
| 10 | 9.586 | 1270 | 1275 | 1279 | rVB2 | 71803 | 82397 | 2.48% | 0.355% |
| 11 | 9.869 | 1319 | 1323 | 1326 | rBV | 985222 | 771028 | 23.18% | 3.321% |
| 12 | 9.898 | 1326 | 1328 | 1337 | rVB | 38244 | 34145 | 1.03% | 0.147% |
| 13 | 10.663 | 1454 | 1458 | 1472 | rBV | 1906776 | 1713217 | 51.50% | 7.379% |
| 14 | 11.363 | 1573 | 1577 | 1579 | rBV | 732354 | 585059 | 17.59% | 2.520% |
| 15 | 11.386 | 1579 | 1581 | 1585 | rVV | 427131 | 324736 | 9.76% | 1.399% |
| 16 | 11.439 | 1587 | 1590 | 1593 | rVB | 74493 | 65724 | 1.98% | 0.283% |
| 17 | 11.869 | 1659 | 1663 | 1665 | rBV | 39439 | 36890 | 1.11% | 0.159% |
| 18 | 11.892 | 1665 | 1667 | 1674 | rVB3 | 128687 | 143404 | 4.31% | 0.618% |
| 19 | 11.980 | 1679 | 1682 | 1684 | rBV | 84390 | 75936 | 2.28% | 0.327% |
| 20 | 12.198 | 1716 | 1719 | 1724 | rVB | 41497 | 38479 | 1.16% | 0.166% |
| 21 | 12.457 | 1760 | 1763 | 1769 | rVB3 | 25250 | 36133 | 1.09% | 0.156% |
| 22 | 12.586 | 1781 | 1785 | 1789 | rBV | 551728 | 530567 | 15.95% | 2.285% |
| 23 | 12.816 | 1818 | 1824 | 1830 | rVB | 605314 | 600072 | 18.04% | 2.584% |
| 24 | 12.963 | 1842 | 1849 | 1852 | rBV | 2592922 | 2458871 | 73.91% | 10.590% |
| 25 | 13.145 | 1873 | 1880 | 1884 | rBV | 70763 | 98675 | 2.97% | 0.425% |
| 26 | 13.216 | 1889 | 1892 | 1894 | rVB | 48874 | 43086 | 1.30% | 0.186% |
| 27 | 13.251 | 1894 | 1898 | 1900 | rBV3 | 39218 | 38442 | 1.16% | 0.166% |
| 28 | 13.774 | 1984 | 1987 | 1989 | rBV | 56428 | 54651 | 1.64% | 0.235% |
| 29 | 13.880 | 1999 | 2005 | 2012 | rVB6 | 77664 | 148702 | 4.47% | 0.640% |
| 30 | 14.027 | 2021 | 2030 | 2032 | rBV2 | 645685 | 840595 | 25.27% | 3.620% |
| 31 | 14.051 | 2032 | 2034 | 2042 | rVV | 257889 | 248763 | 7.48% | 1.071% |
| 32 | 14.127 | 2042 | 2047 | 2050 | rVB2 | 49292 | 60294 | 1.81% | 0.260% |
| 33 | 14.415 | 2094 | 2096 | 2101 | rBV2 | 32103 | 52193 | 1.57% | 0.225% |
| 34 | 14.592 | 2124 | 2126 | 2128 | rBV3 | 30532 | 34661 | 1.04% | 0.149% |
| 35 | 14.668 | 2135 | 2139 | 2140 | rBV3 | 39964 | 43743 | 1.31% | 0.188% |
| 36 | 14.698 | 2142 | 2144 | 2150 | rVB3 | 60292 | 93394 | 2.81% | 0.402% |

LSC Area Percent Report

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Operator : CG\JU
Sample : 03654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
72-12016

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.086 | 2206 | 2210 | 2213 | rBV | 145649 | 205117 | 6.17% | 0.883% |
| 38 | 15.398 | 2259 | 2263 | 2269 | rVB | 82281 | 106003 | 3.19% | 0.457% |
| 39 | 15.468 | 2270 | 2275 | 2281 | rBV | 104337 | 164975 | 4.96% | 0.711% |
| 40 | 15.527 | 2281 | 2285 | 2289 | rBV | 293802 | 393376 | 11.82% | 1.694% |
| 41 | 15.992 | 2361 | 2364 | 2367 | rBV4 | 24718 | 37585 | 1.13% | 0.162% |
| 42 | 17.068 | 2544 | 2547 | 2553 | rBV2 | 45811 | 78896 | 2.37% | 0.340% |
| 43 | 17.545 | 2624 | 2628 | 2637 | rVB2 | 35937 | 89095 | 2.68% | 0.384% |

Sum of corrected areas: 23218398

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
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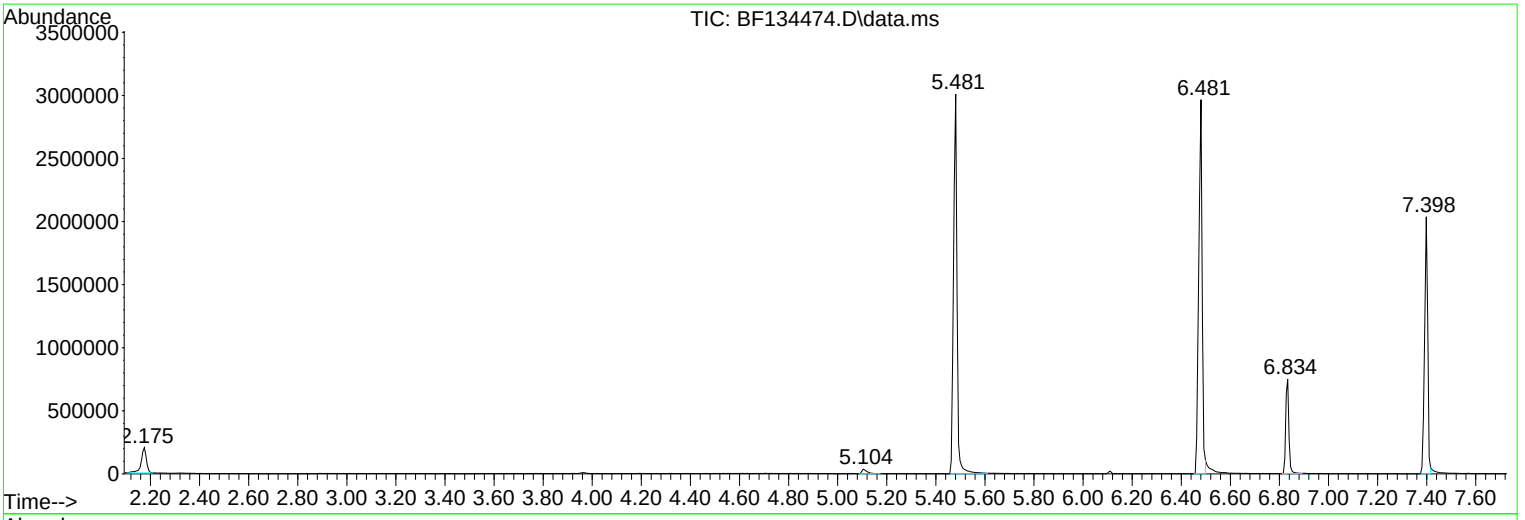
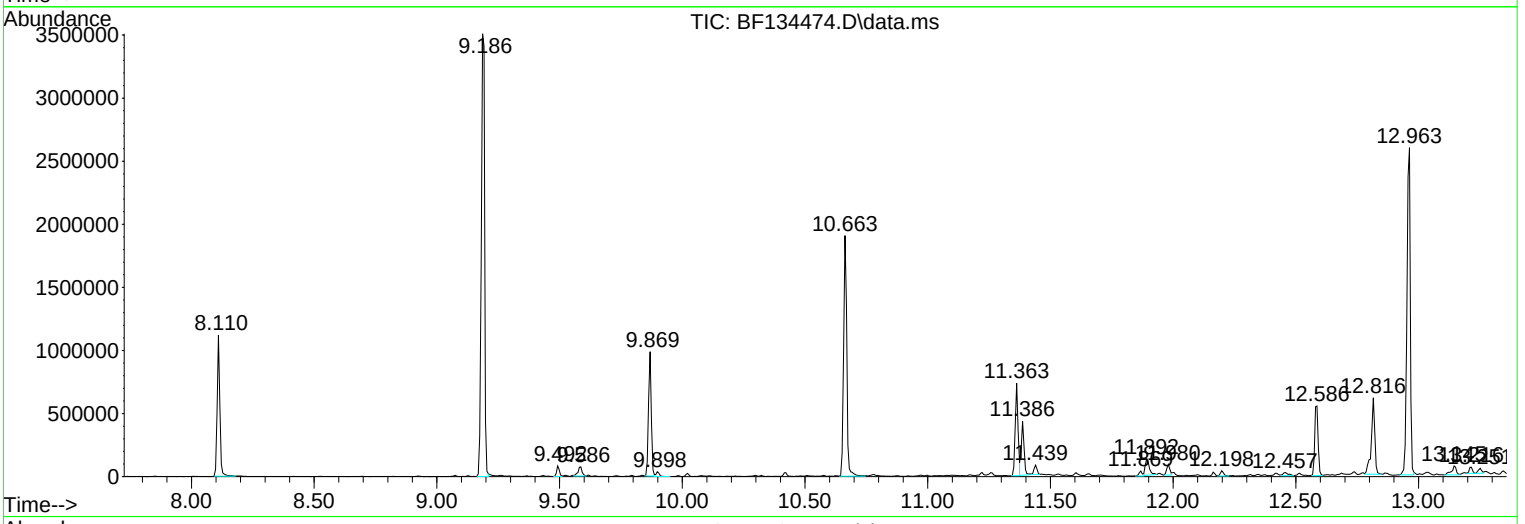
Misc :
ALS Vial : 17 Sample Multiplier: 1

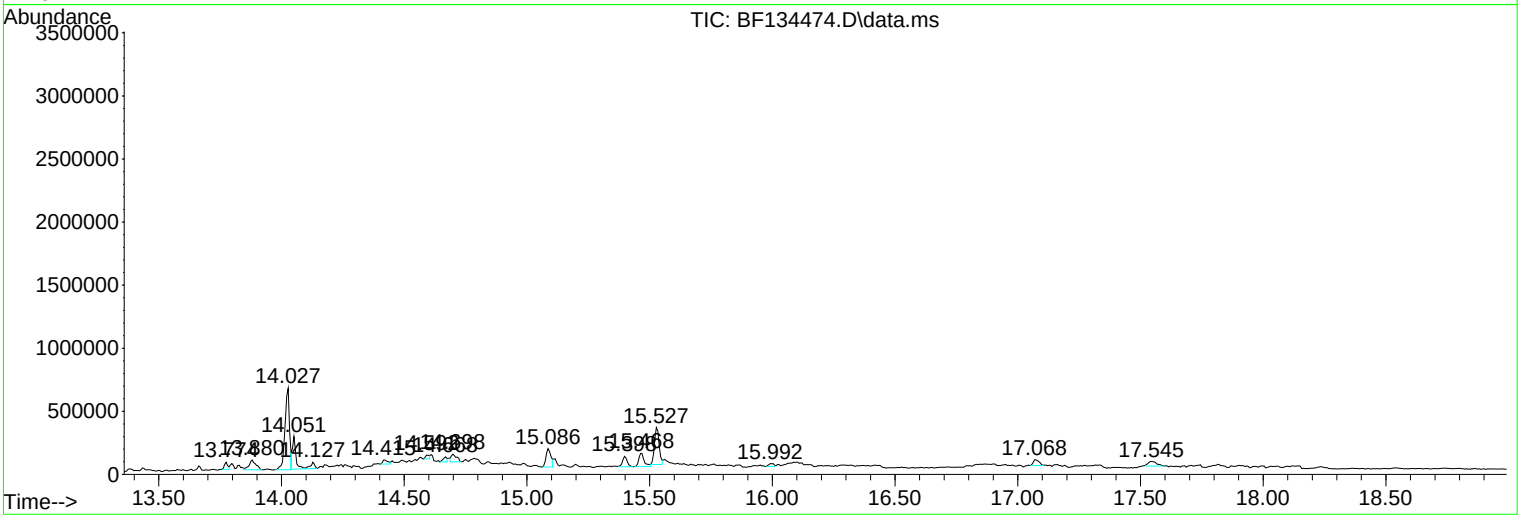
**Instrument :**
BNA_F
**ClientSampleId :**
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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\BF072523\
Data File : BF134474.D
Acq On : 25 Jul 2023 21:23
Operator : CG\JU
Sample : 03654-01
Misc :
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**Instrument :**
BNA_F
**ClientSampleId :**
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

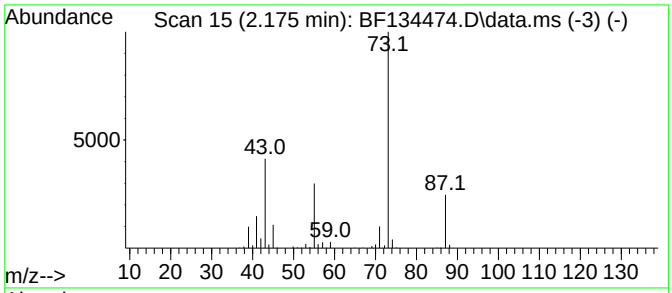
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

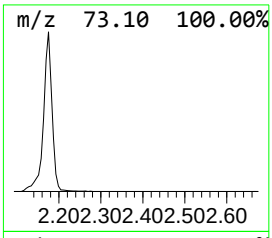
**********

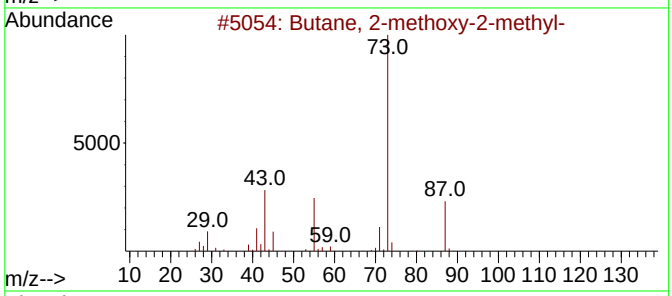
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

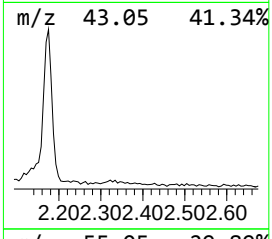
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.175 | 8.82 ng | 294019 | 1,4-Dichlorobenzene-d4 | 6.834 |

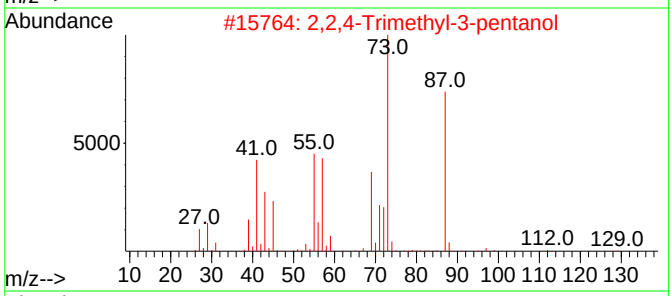
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | 1,3-Dioxolane, 2-propyl- | 116 | C6H12O2 | 003390-13-4 | 23 |
| 4 | 2-Methyl-5-hexen-3-ol | 114 | C7H14O | 032815-70-6 | 23 |
| 5 | 3-Hexanol, 2-methyl- | 116 | C7H16O | 000617-29-8 | 23 |

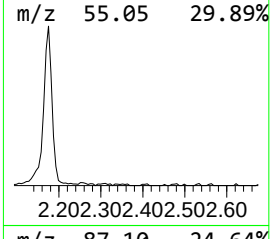


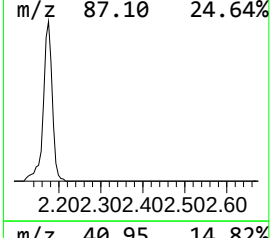



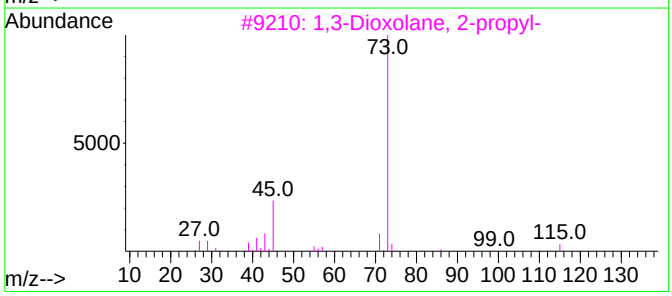



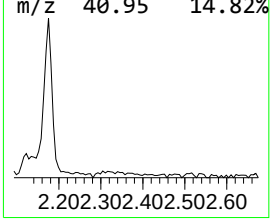



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134474.D
Acq On : 25 Jul 2023 21:23
Operator : CG\JU
Sample : 03654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

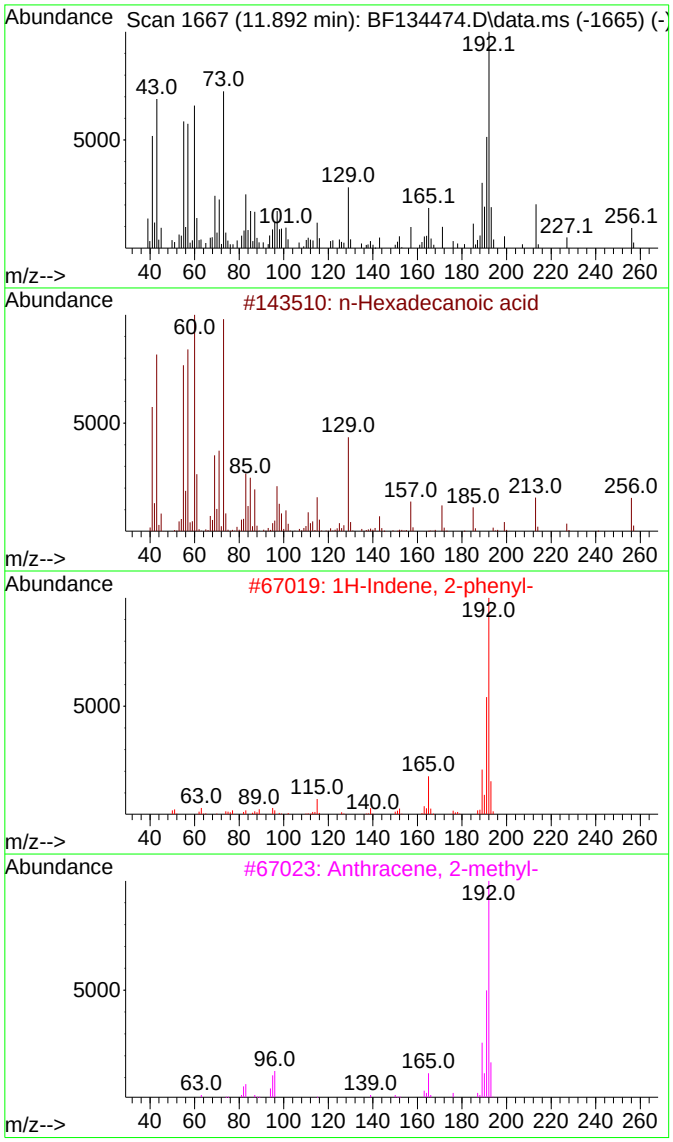
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

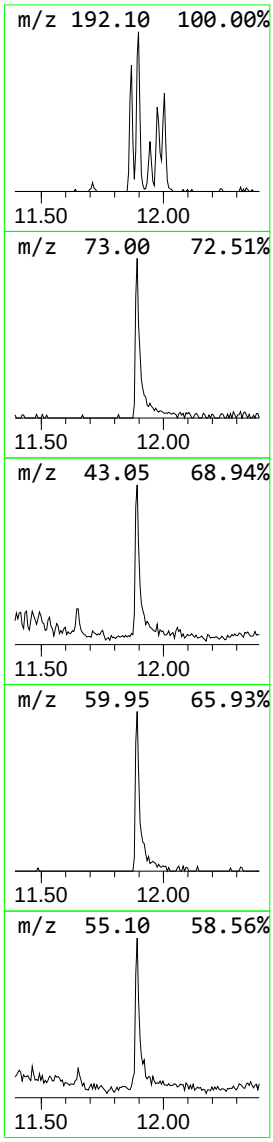
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.892 | 4.90 ng | 143404 | Phenanthrene-d10 | 11.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |
| 2 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 86 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 78 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 70 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134474.D
Acq On : 25 Jul 2023 21:23
Operator : CG\JU
Sample : 03654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
72-12016

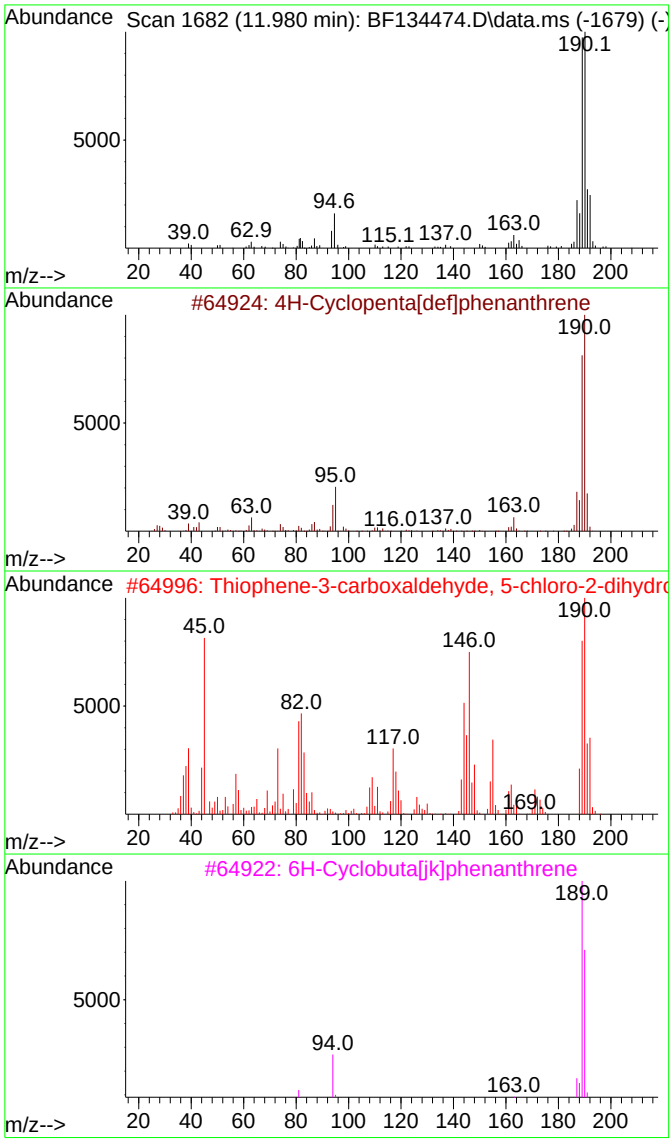
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

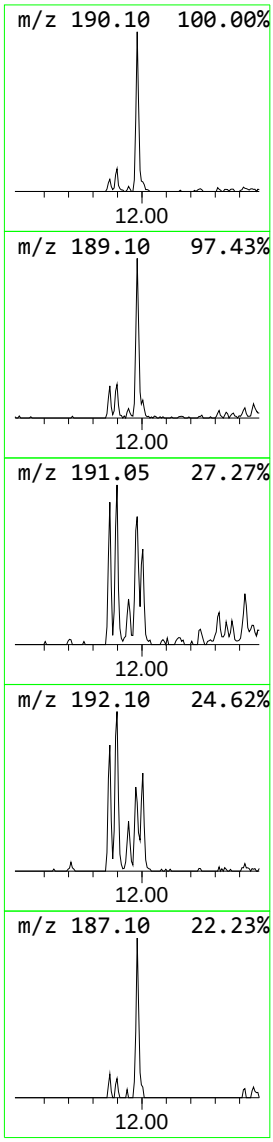
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.980 | 2.60 ng | 75936 | Phenanthrene-d10 | 11.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 89 |
| 2 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 59 |
| 3 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 50 |
| 4 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 36 |
| 5 | Cyclohexanone, 2-(2-furanylmethy... | 190 | C12H14O2 | 056053-07-7 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134474.D
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Sample : 03654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

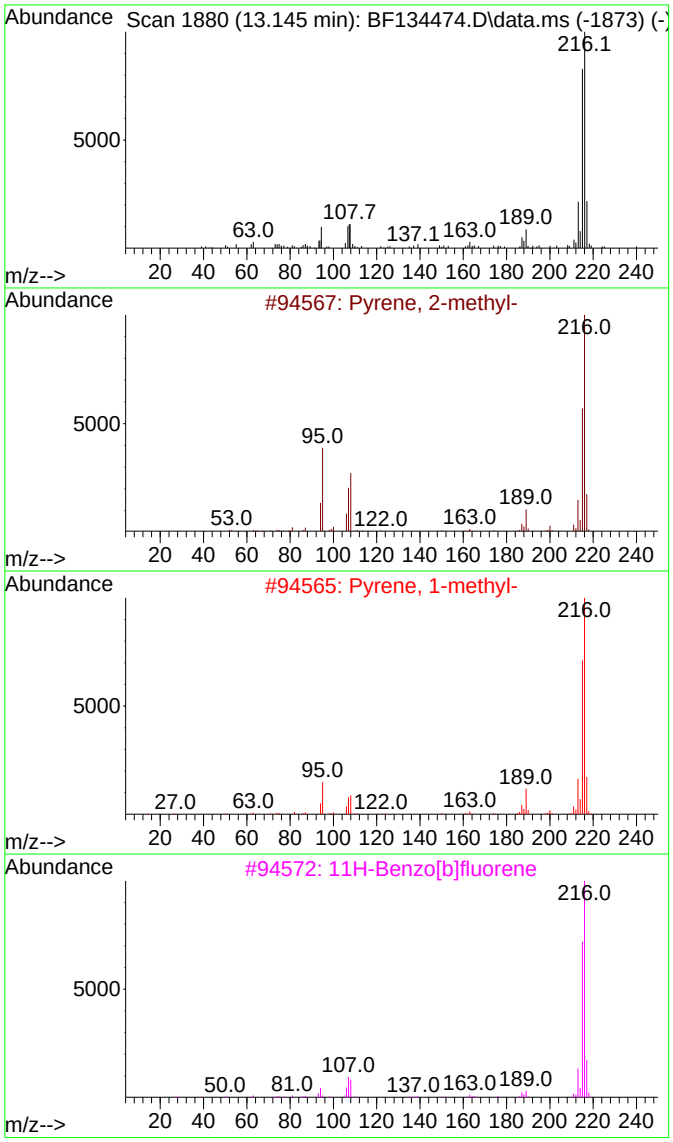
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

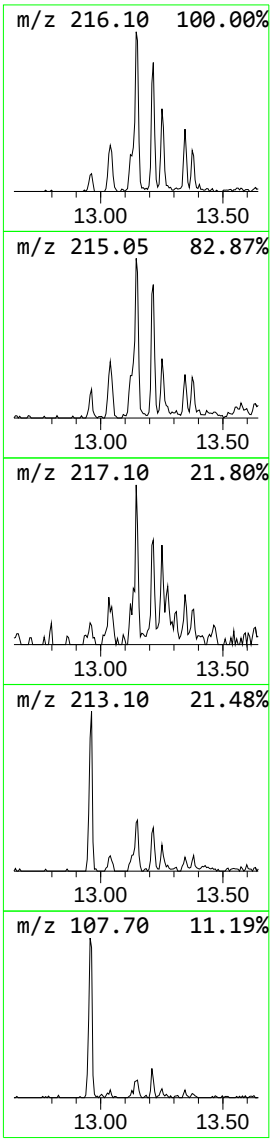
**********

Peak Number 4 Pyrene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.145 | 2.35 ng | 98675 | Chrysene-d12 | 14.027 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 94 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 90 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |



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Data File : BF134474.D
Acq On : 25 Jul 2023 21:23
Operator : CG\JU
Sample : 03654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

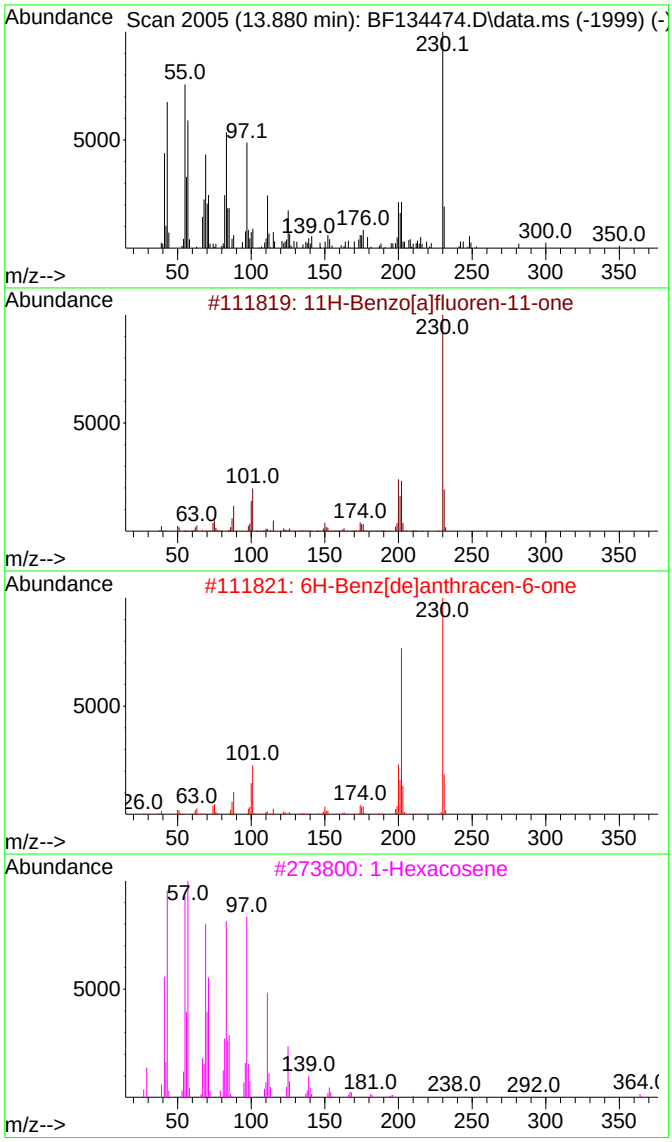
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

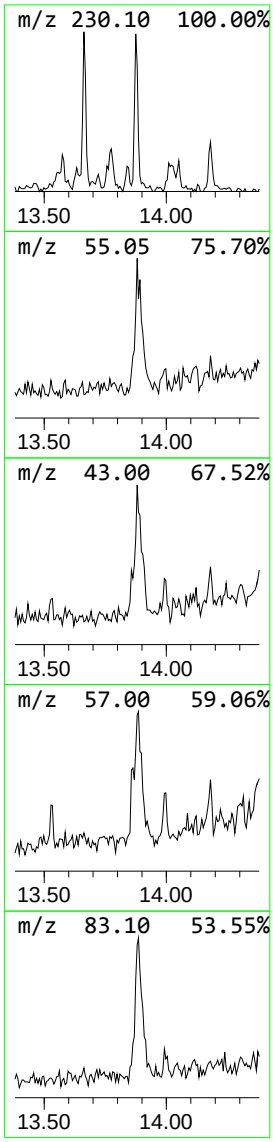
**********

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.880 | 3.54 ng | 148702 | Chrysene-d12 | 14.027 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 89 |
| 2 | 6H-Benz[de]anthracen-6-one | 230 | C17H10O | 080252-14-8 | 45 |
| 3 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 38 |
| 4 | 1-Eicosanol | 298 | C20H42O | 000629-96-9 | 38 |
| 5 | Eicosyl methyl ether | 312 | C21H44O | 1000406-29-4 | 30 |



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Operator : CG\JU
Sample : 03654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

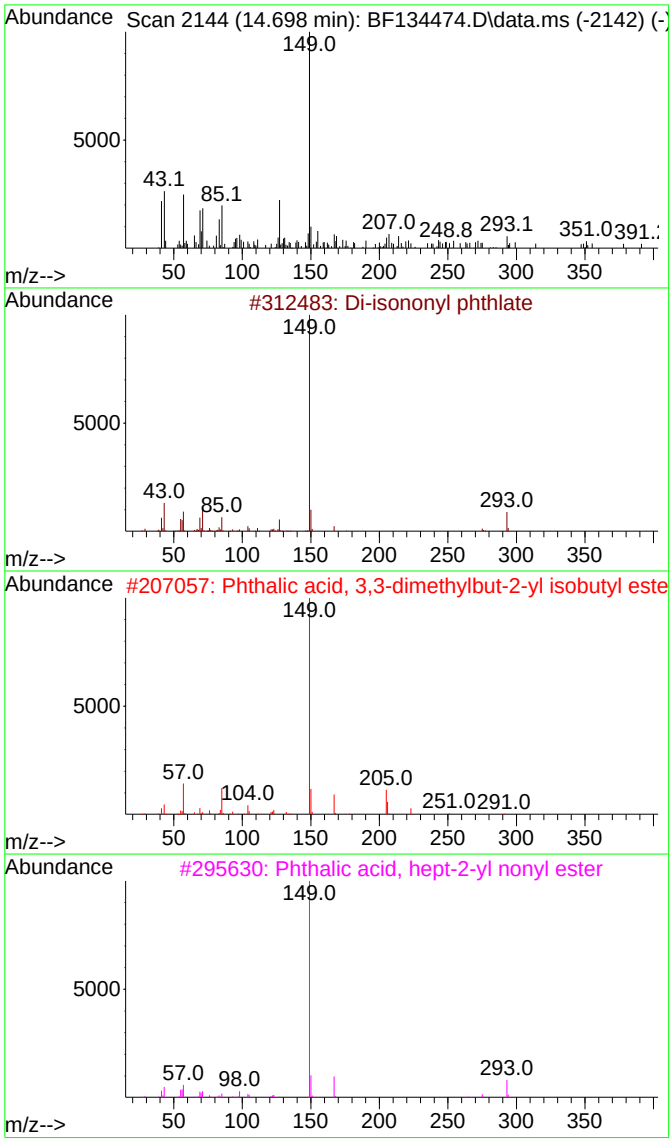
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

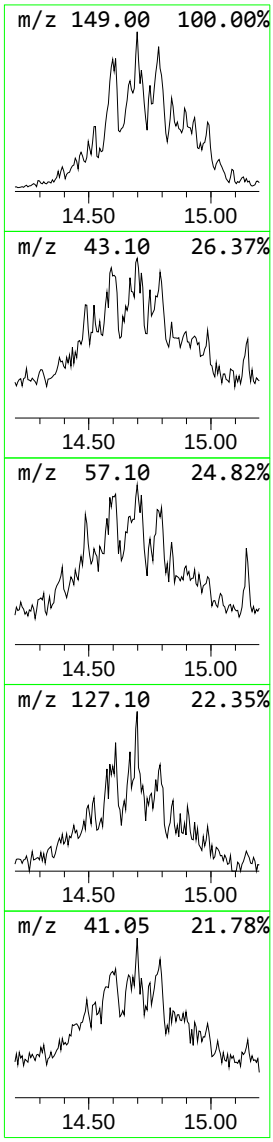
**********

Peak Number 6 Di-isononyl phthlate Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.698 | 2.22 ng | 93394 | Chrysene-d12 | 14.027 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Di-isononyl phthlate | 418 | C26H42O4 | 020548-62-3 | 50 |
| 2 | Phthalic acid, 3,3-dimethylbut-2... | 306 | C18H26O4 | 1000357-00-1 | 50 |
| 3 | Phthalic acid, hept-2-yl nonyl e... | 390 | C24H38O4 | 1000356-97-6 | 47 |
| 4 | Phthalic acid, hept-4-yl nonyl e... | 390 | C24H38O4 | 1000356-79-0 | 47 |
| 5 | Phthalic acid, neopentyl pentyl ... | 306 | C18H26O4 | 1000315-29-8 | 43 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134474.D
Acq On : 25 Jul 2023 21:23
Operator : CG\JU
Sample : 03654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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 |
| Butane, 2-metho... | 2.175 | 8.8 | ng | 294019 | 1 | 6.834 | 666482 | 20.0 |
| n-Hexadecanoic ... | 11.892 | 4.9 | ng | 143404 | 4 | 11.363 | 585059 | 20.0 |
| 4H-Cyclopenta[d... | 11.980 | 2.6 | ng | 75936 | 4 | 11.363 | 585059 | 20.0 |
| Pyrene, 2-methyl- | 13.145 | 2.4 | ng | 98675 | 5 | 14.027 | 840595 | 20.0 |
| 11H-Benzo[a]flu... | 13.880 | 3.5 | ng | 148702 | 5 | 14.027 | 840595 | 20.0 |
| Di-isononyl pht... | 14.698 | 2.2 | ng | 93394 | 5 | 14.027 | 840595 | 20.0 |