LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP2-0815

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129929.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.004 | 460 | 462 | 475 | rBV | 107168 | 154757 | 4.82% | 0.594% |
| 2 | 5.422 | 529 | 533 | 556 | rBV | 2894926 | 2767359 | 86.15% | 10.628% |
| 3 | 6.440 | 702 | 706 | 721 | rBV | 2922978 | 2827011 | 88.01% | 10.857% |
| 4 | 6.787 | 761 | 765 | 774 | rBV | 949226 | 832439 | 25.92% | 3.197% |
| 5 | 7.357 | 857 | 862 | 871 | rBV | 1773264 | 1763077 | 54.89% | 6.771% |
| 6 | 8.069 | 979 | 983 | 986 | rBV | 1340756 | 1152836 | 35.89% | 4.428% |
| 7 | 9.139 | 1161 | 1165 | 1168 | rBV | 3696275 | 3212099 | 100.00% | 12.336% |
| 8 | 9.822 | 1277 | 1281 | 1284 | rBV | 1758900 | 1353922 | 42.15% | 5.200% |
| 9 | 10.616 | 1412 | 1416 | 1429 | rBV | 2600643 | 2231372 | 69.47% | 8.570% |
| 10 | 11.310 | 1531 | 1534 | 1537 | rBV | 1596814 | 1363654 | 42.45% | 5.237% |
| 11 | 11.333 | 1537 | 1538 | 1543 | rVB | 209085 | 143572 | 4.47% | 0.551% |
| 12 | 11.686 | 1596 | 1598 | 1601 | rVB | 49239 | 40756 | 1.27% | 0.157% |
| 13 | 11.816 | 1617 | 1620 | 1621 | rBV | 110406 | 101248 | 3.15% | 0.389% |
| 14 | 11.839 | 1621 | 1624 | 1628 | rVB2 | 132533 | 162928 | 5.07% | 0.626% |
| 15 | 11.922 | 1635 | 1638 | 1641 | rBV2 | 123253 | 132021 | 4.11% | 0.507% |
| 16 | 11.945 | 1641 | 1642 | 1647 | rVB | 87622 | 73529 | 2.29% | 0.282% |
| 17 | 12.110 | 1666 | 1670 | 1674 | rBV2 | 43645 | 51345 | 1.60% | 0.197% |
| 18 | 12.363 | 1709 | 1713 | 1715 | rBV | 105296 | 100104 | 3.12% | 0.384% |
| 19 | 12.398 | 1715 | 1719 | 1721 | rVV3 | 84430 | 107831 | 3.36% | 0.414% |
| 20 | 12.463 | 1725 | 1730 | 1736 | rVB3 | 45326 | 87285 | 2.72% | 0.335% |
| 21 | 12.527 | 1737 | 1741 | 1745 | rBV | 299178 | 255582 | 7.96% | 0.982% |
| 22 | 12.757 | 1777 | 1780 | 1786 | rVB | 402278 | 358226 | 11.15% | 1.376% |
| 23 | 12.810 | 1786 | 1789 | 1792 | rVB | 42870 | 39227 | 1.22% | 0.151% |
| 24 | 12.898 | 1799 | 1804 | 1807 | rBV | 3108000 | 2946630 | 91.74% | 11.317% |
| 25 | 12.975 | 1813 | 1817 | 1823 | rBV5 | 50052 | 88519 | 2.76% | 0.340% |
| 26 | 13.063 | 1829 | 1832 | 1834 | rBV3 | 39523 | 50884 | 1.58% | 0.195% |
| 27 | 13.086 | 1834 | 1836 | 1838 | rVB2 | 51475 | 43585 | 1.36% | 0.167% |
| 28 | 13.192 | 1850 | 1854 | 1858 | rVB | 77957 | 72388 | 2.25% | 0.278% |
| 29 | 13.286 | 1866 | 1870 | 1872 | rVB | 57581 | 50332 | 1.57% | 0.193% |
| 30 | 13.316 | 1872 | 1875 | 1878 | rBV | 60903 | 58611 | 1.82% | 0.225% |
| 31 | 13.604 | 1921 | 1924 | 1927 | rVB | 36199 | 37641 | 1.17% | 0.145% |
| 32 | 13.710 | 1937 | 1942 | 1944 | rBV2 | 46838 | 56628 | 1.76% | 0.217% |
| 33 | 13.786 | 1951 | 1955 | 1969 | rVB5 | 186312 | 467713 | 14.56% | 1.796% |
| 34 | 13.957 | 1979 | 1984 | 1987 | rBV | 1001759 | 997670 | 31.06% | 3.832% |
| 35 | 13.986 | 1987 | 1989 | 1992 | rVV | 131044 | 117338 | 3.65% | 0.451% |
| 36 | 14.045 | 1996 | 1999 | 2005 | rVV | 74910 | 78470 | 2.44% | 0.301% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP2-0815

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.474 | 2070 | 2072 | 2079 | rVB2 | 43486 | 59093 | 1.84% | 0.227% |
| 38 | 14.698 | 2107 | 2110 | 2113 | rVB | 39233 | 40081 | 1.25% | 0.154% |
| 39 | 14.998 | 2157 | 2161 | 2163 | rBV | 67102 | 97344 | 3.03% | 0.374% |
| 40 | 15.021 | 2163 | 2165 | 2173 | rVB2 | 92910 | 109806 | 3.42% | 0.422% |
| 41 | 15.298 | 2208 | 2212 | 2217 | rVB | 55743 | 70785 | 2.20% | 0.272% |
| 42 | 15.357 | 2218 | 2222 | 2225 | rBV | 75863 | 92769 | 2.89% | 0.356% |
| 43 | 15.416 | 2228 | 2232 | 2240 | rVB | 643736 | 747294 | 23.26% | 2.870% |
| 44 | 15.810 | 2295 | 2299 | 2306 | rVB | 57656 | 79317 | 2.47% | 0.305% |
| 45 | 16.292 | 2377 | 2381 | 2391 | rVB3 | 56894 | 110637 | 3.44% | 0.425% |
| 46 | 16.874 | 2473 | 2480 | 2489 | rVB3 | 56931 | 147359 | 4.59% | 0.566% |
| 47 | 17.327 | 2553 | 2557 | 2565 | rVB3 | 26297 | 49058 | 1.53% | 0.188% |
| 48 | 17.533 | 2588 | 2592 | 2599 | rVB3 | 26888 | 55552 | 1.73% | 0.213% |

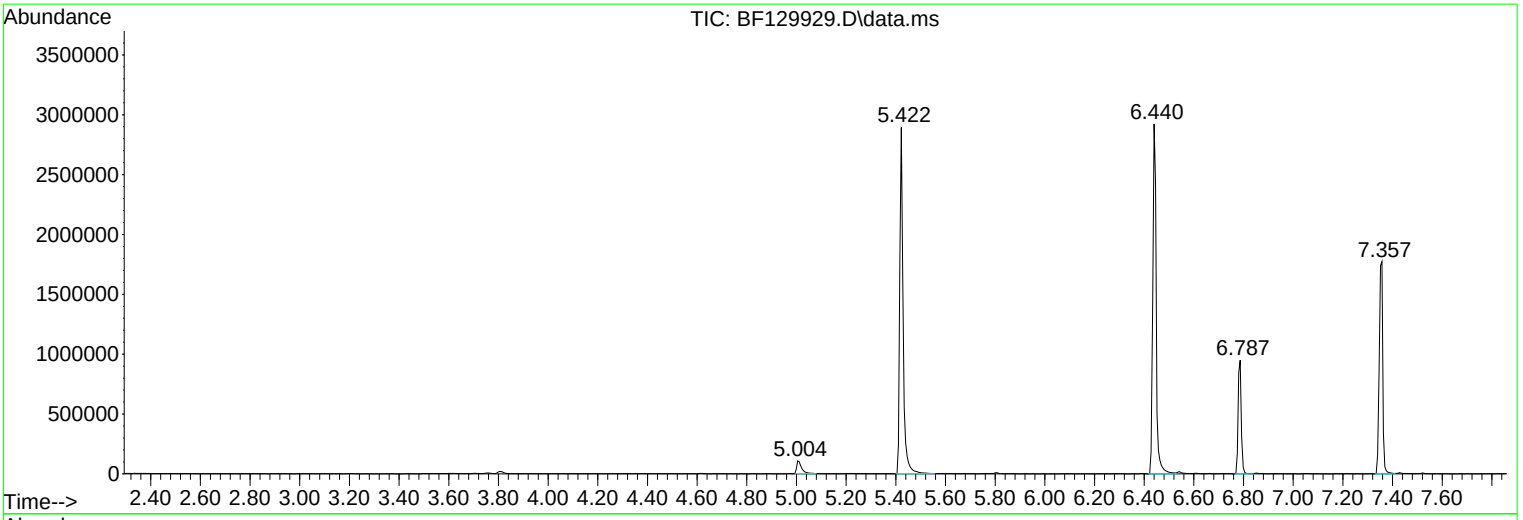
Sum of corrected areas: 26037684

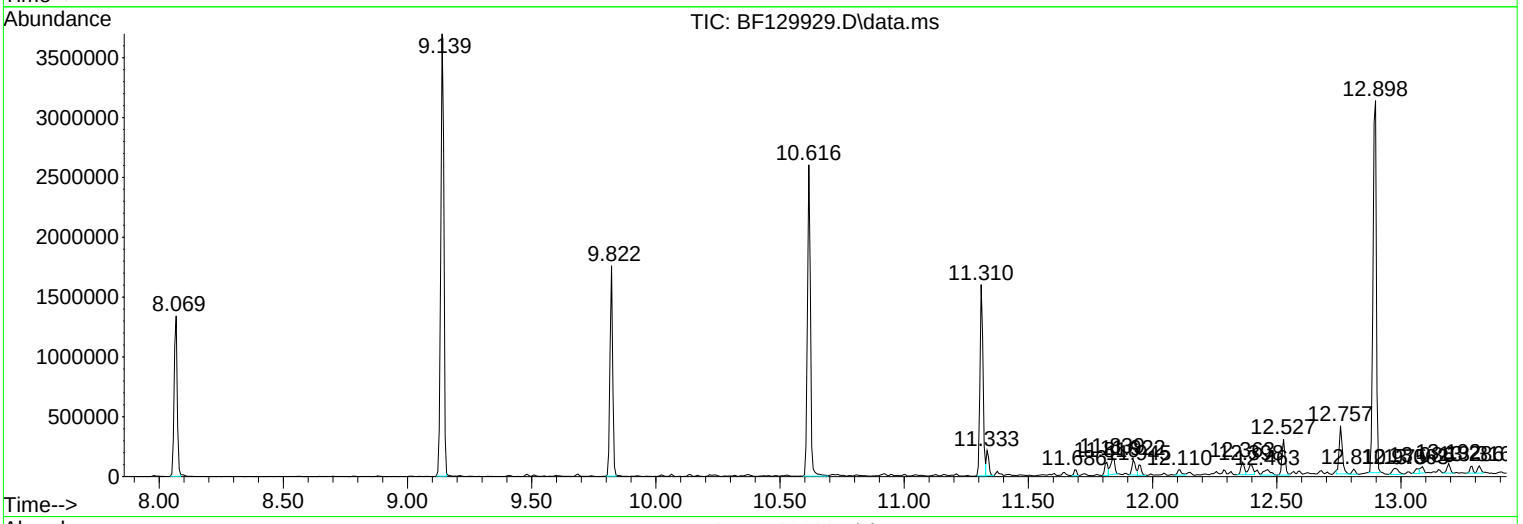
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

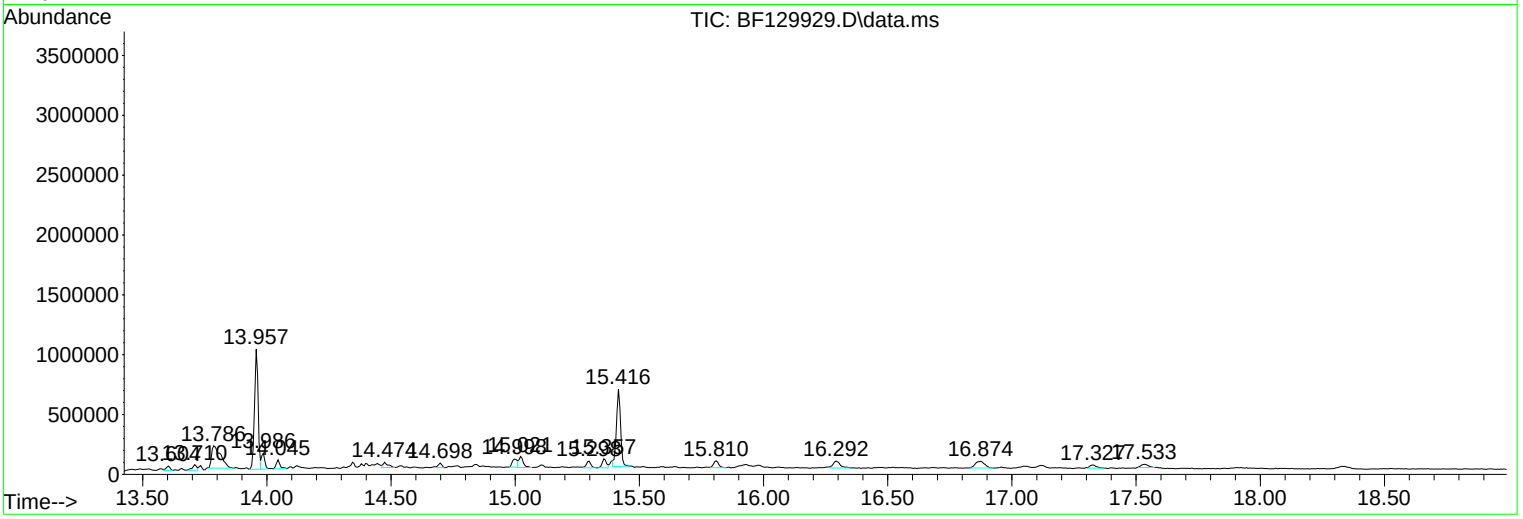
**Instrument :**
BNA_F
**ClientSampleId :**
TP2-0815

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP2-0815

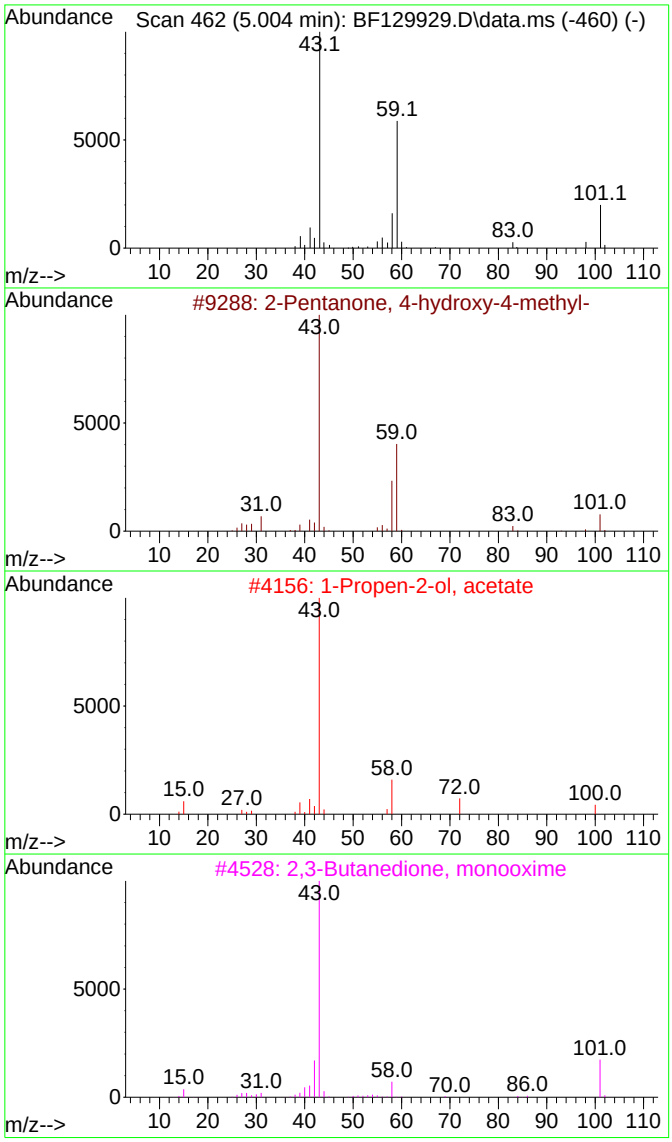
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

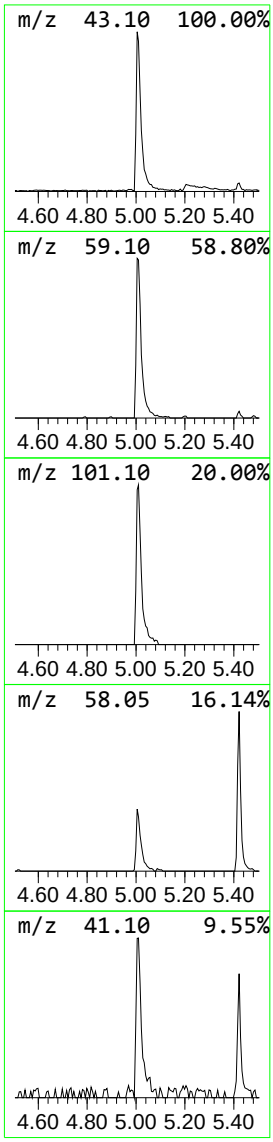
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.004 | 3.72 ng | 154757 | 1,4-Dichlorobenzene-d4 | 6.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 42 |
| 2 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 4 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |
| 5 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP2-0815

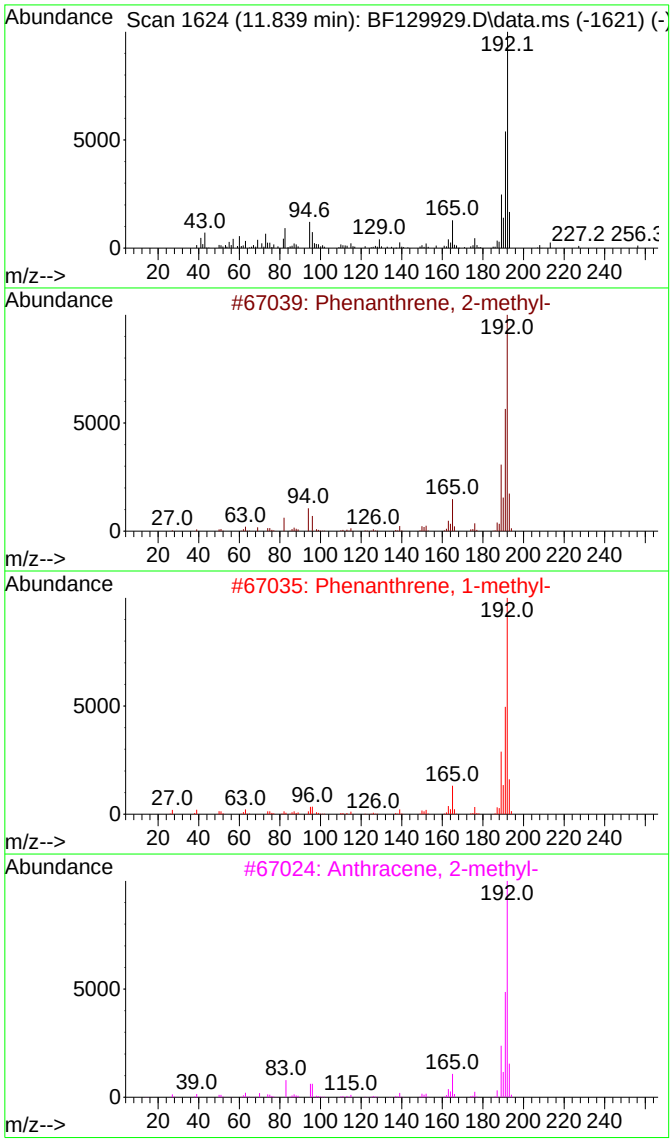
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

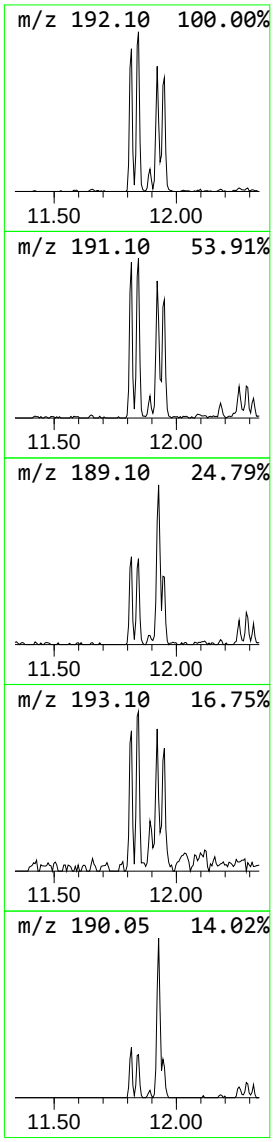
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.839 | 2.39 ng | 162928 | Phenanthrene-d10 | 11.310 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP2-0815

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

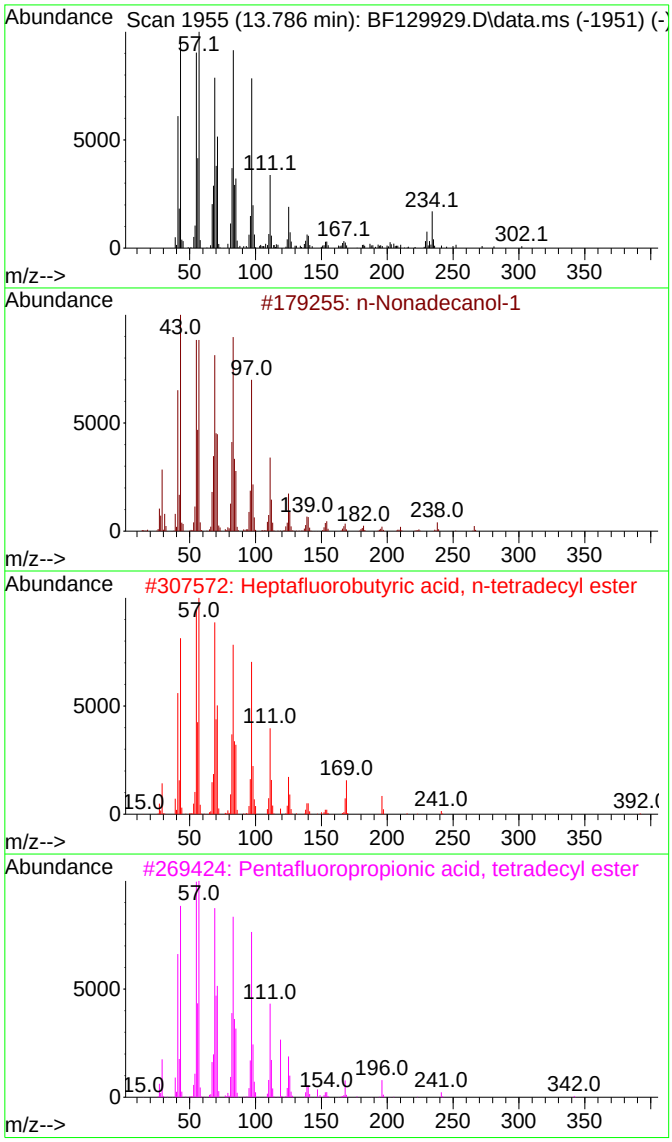
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

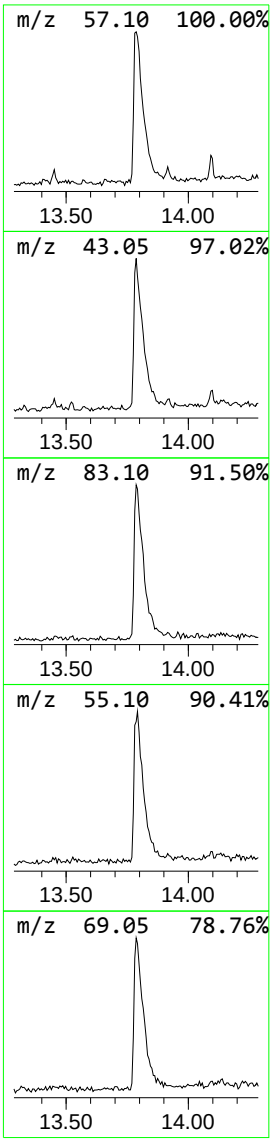
**********

Peak Number 3 n-Nonadecanol-1 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.786 | 9.38 ng | 467713 | Chrysene-d12 | 13.957 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 2 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 94 |
| 3 | Pentafluoropropionic acid, tetra... | 360 | C17H29F5O2 | 006222-06-6 | 94 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |
| 5 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP2-0815

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

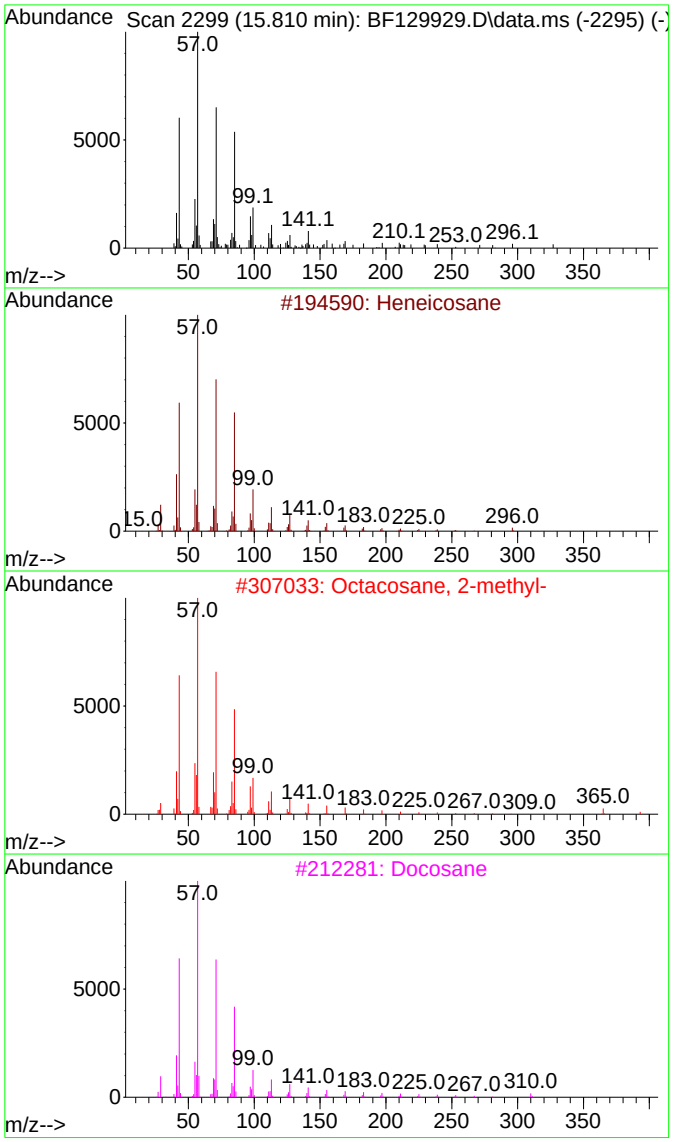
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

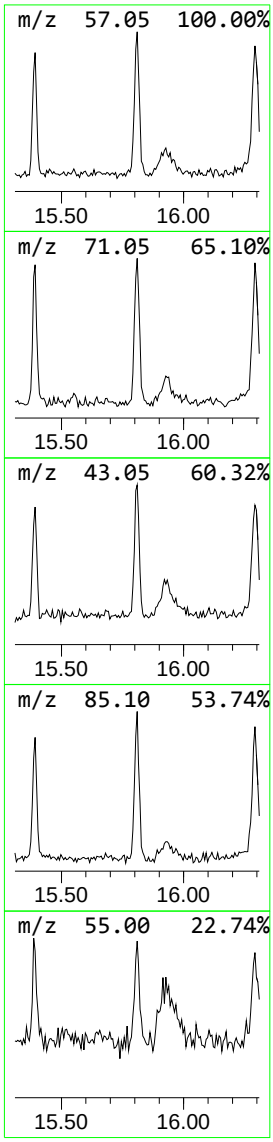
**********

Peak Number 4 Heneicosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.810 | 2.12 ng | 79317 | Perylene-d12 | 15.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 98 |
| 2 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 87 |
| 3 | Docosane | 310 | C22H46 | 000629-97-0 | 86 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 86 |
| 5 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP2-0815

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

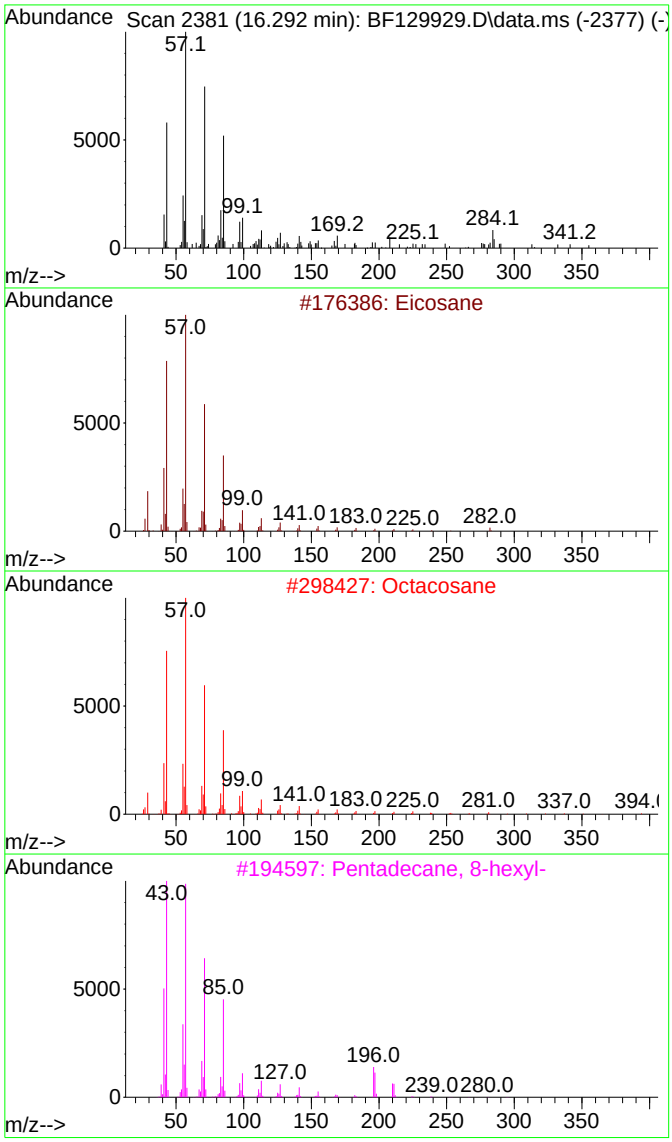
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

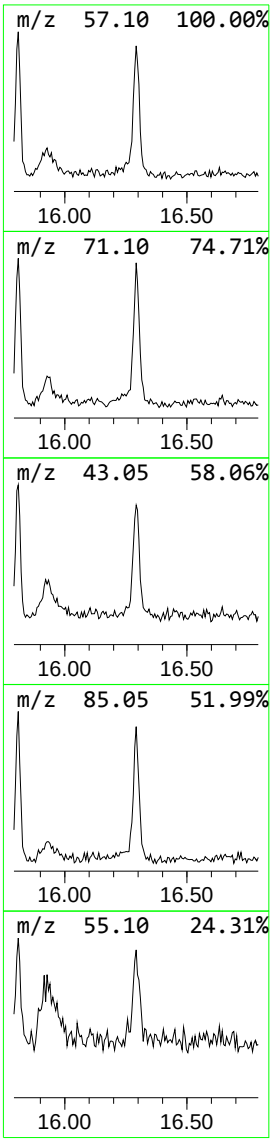
**********

Peak Number 5 Eicosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.292 | 2.96 ng | 110637 | Perylene-d12 | 15.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 3 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 86 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 86 |
| 5 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP2-0815

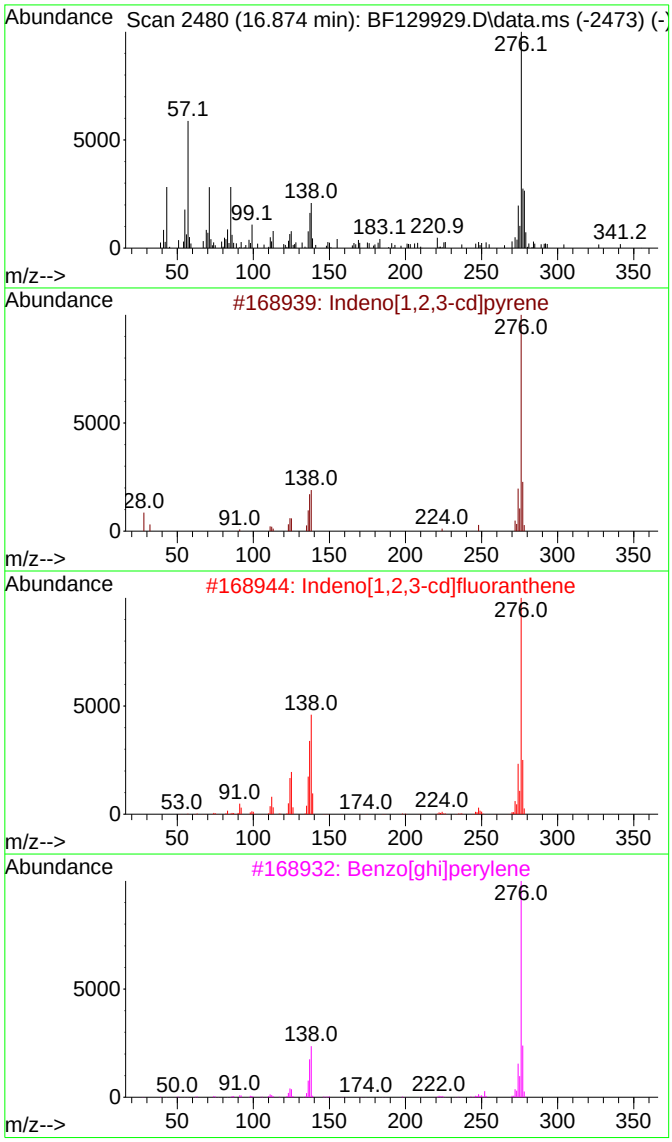
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

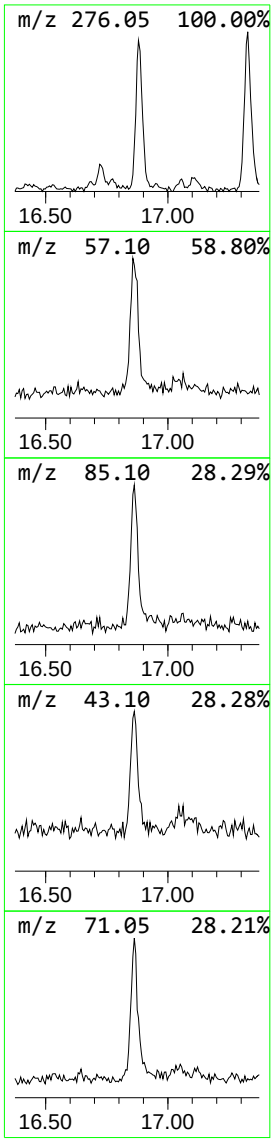
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Indeno[1,2,3-cd]fluoranthene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.874 | 3.94 ng | 147359 | Perylene-d12 | 15.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indeno[1,2,3-cd]pyrene | 276 | C22H12 | 000193-39-5 | 93 |
| 2 | Indeno[1,2,3-cd]fluoranthene | 276 | C22H12 | 000193-43-1 | 93 |
| 3 | Benzo[ghi]perylene | 276 | C22H12 | 000191-24-2 | 70 |
| 4 | Dibenzo[def,mno]chrysene | 276 | C22H12 | 000191-26-4 | 64 |
| 5 | Propionamide, N-[1-(2-chloropyri... | 349 | C11H10ClF6N3O | 1000269-44-7 | 47 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129929.D
Acq On : 20 Aug 2022 01:51
Operator : CG\JU
Sample : N4217-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP2-0815

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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-... | 5.004 | 3.7 | ng | 154757 | 1 | 6.787 | 832439 | 20.0 |
| Phenanthrene, 2... | 11.839 | 2.4 | ng | 162928 | 4 | 11.310 | 1363650 | 20.0 |
| n-Nonadecanol-1 | 13.786 | 9.4 | ng | 467713 | 5 | 13.957 | 997670 | 20.0 |
| Heneicosane | 15.810 | 2.1 | ng | 79317 | 6 | 15.416 | 747294 | 20.0 |
| Eicosane | 16.292 | 3.0 | ng | 110637 | 6 | 15.416 | 747294 | 20.0 |
| Indeno[1,2,3-cd... | 16.874 | 3.9 | ng | 147359 | 6 | 15.416 | 747294 | 20.0 |