LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123629.D
Acq On : 19 Apr 2021 18:48
Operator : JU/CG
Sample : M2063-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP3-2-4

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123629.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.146 | 3 | 10 | 16 | rVB | 2411962 | 3109018 | 39.54% | 5.954% |
| 2 | 5.093 | 503 | 511 | 519 | rBV | 137303 | 176938 | 2.25% | 0.339% |
| 3 | 5.493 | 575 | 579 | 582 | rBV | 8577705 | 7638476 | 97.15% | 14.628% |
| 4 | 6.498 | 745 | 750 | 753 | rBV | 7667965 | 7862535 | 100.00% | 15.057% |
| 5 | 6.863 | 808 | 812 | 815 | rBV | 2053377 | 1513901 | 19.25% | 2.899% |
| 6 | 7.428 | 902 | 908 | 911 | rBV | 5107399 | 5132672 | 65.28% | 9.829% |
| 7 | 8.145 | 1026 | 1030 | 1033 | rBV | 2258000 | 1878540 | 23.89% | 3.597% |
| 8 | 9.228 | 1209 | 1214 | 1217 | rBV | 8203748 | 6784536 | 86.29% | 12.993% |
| 9 | 9.616 | 1277 | 1280 | 1284 | rBV | 387623 | 285575 | 3.63% | 0.547% |
| 10 | 9.904 | 1325 | 1329 | 1333 | rBV | 2293649 | 1898682 | 24.15% | 3.636% |
| 11 | 10.698 | 1459 | 1464 | 1467 | rBV | 5119373 | 4722545 | 60.06% | 9.044% |
| 12 | 11.392 | 1578 | 1582 | 1585 | rBV | 1976602 | 1752500 | 22.29% | 3.356% |
| 13 | 11.463 | 1589 | 1594 | 1599 | rVB3 | 89600 | 96477 | 1.23% | 0.185% |
| 14 | 11.922 | 1669 | 1672 | 1677 | rBV | 190979 | 164301 | 2.09% | 0.315% |
| 15 | 12.610 | 1784 | 1789 | 1792 | rBV | 244459 | 228024 | 2.90% | 0.437% |
| 16 | 12.839 | 1823 | 1828 | 1830 | rBV | 207050 | 194965 | 2.48% | 0.373% |
| 17 | 12.986 | 1848 | 1853 | 1856 | rBV | 5829820 | 4904828 | 62.38% | 9.393% |
| 18 | 13.916 | 2005 | 2011 | 2024 | rVB5 | 199145 | 608949 | 7.74% | 1.166% |
| 19 | 14.039 | 2027 | 2032 | 2035 | rBV | 1625829 | 1490585 | 18.96% | 2.855% |
| 20 | 15.086 | 2207 | 2210 | 2222 | rVB3 | 126091 | 294223 | 3.74% | 0.563% |
| 21 | 15.527 | 2279 | 2285 | 2289 | rBV | 1098444 | 1389429 | 17.67% | 2.661% |
| 22 | 16.010 | 2363 | 2367 | 2372 | rVB3 | 62457 | 90577 | 1.15% | 0.173% |

Sum of corrected areas: 52218276

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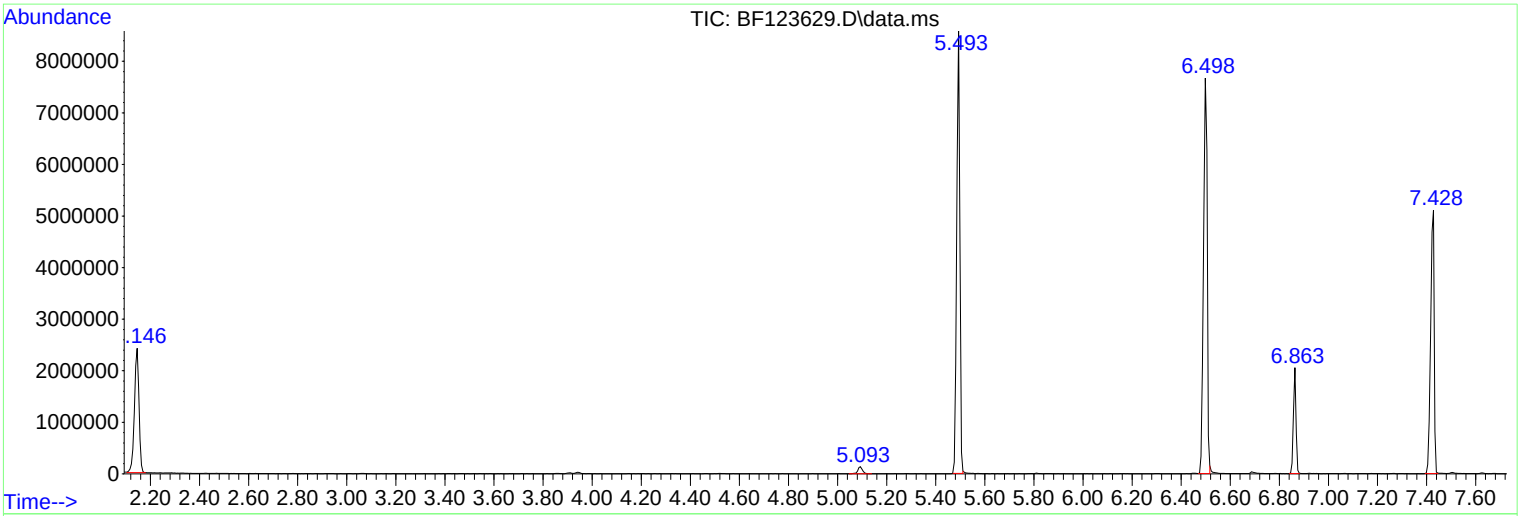
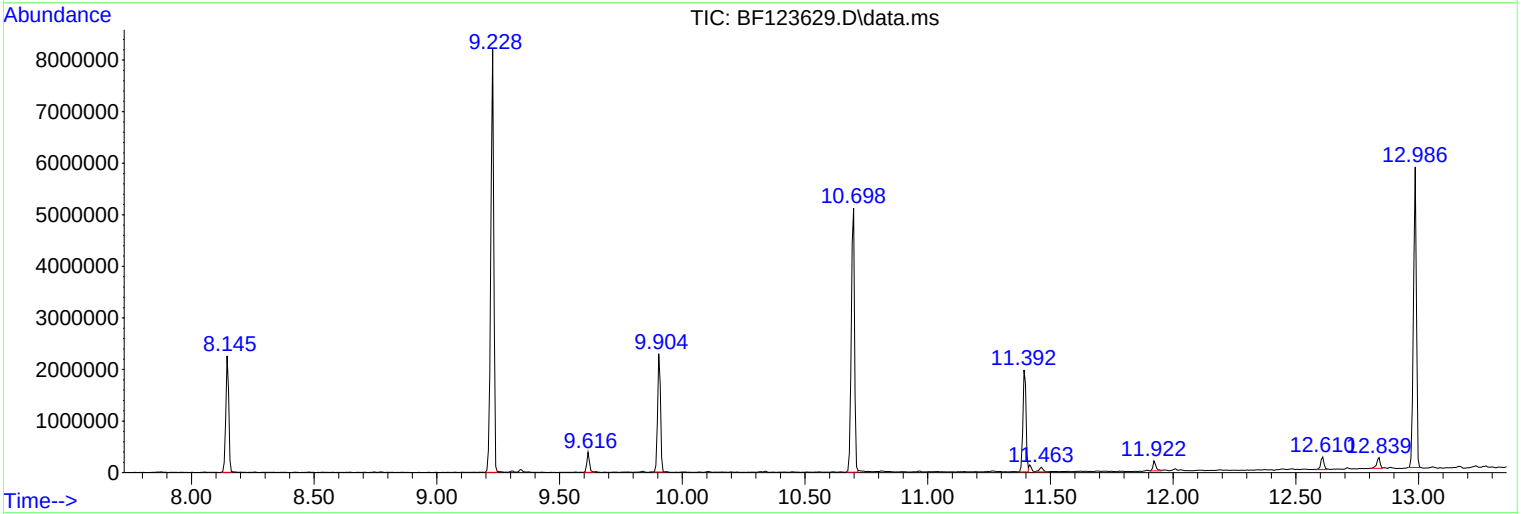
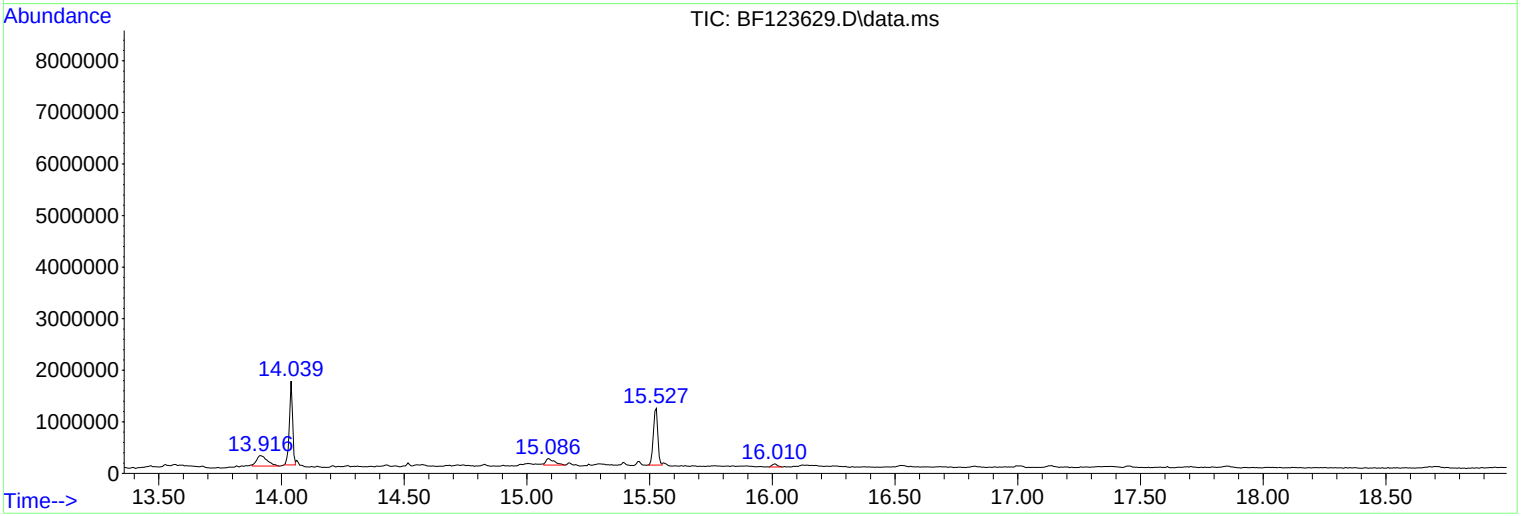
**Instrument :**
BNA_F
**ClientSampleId :**
TP3-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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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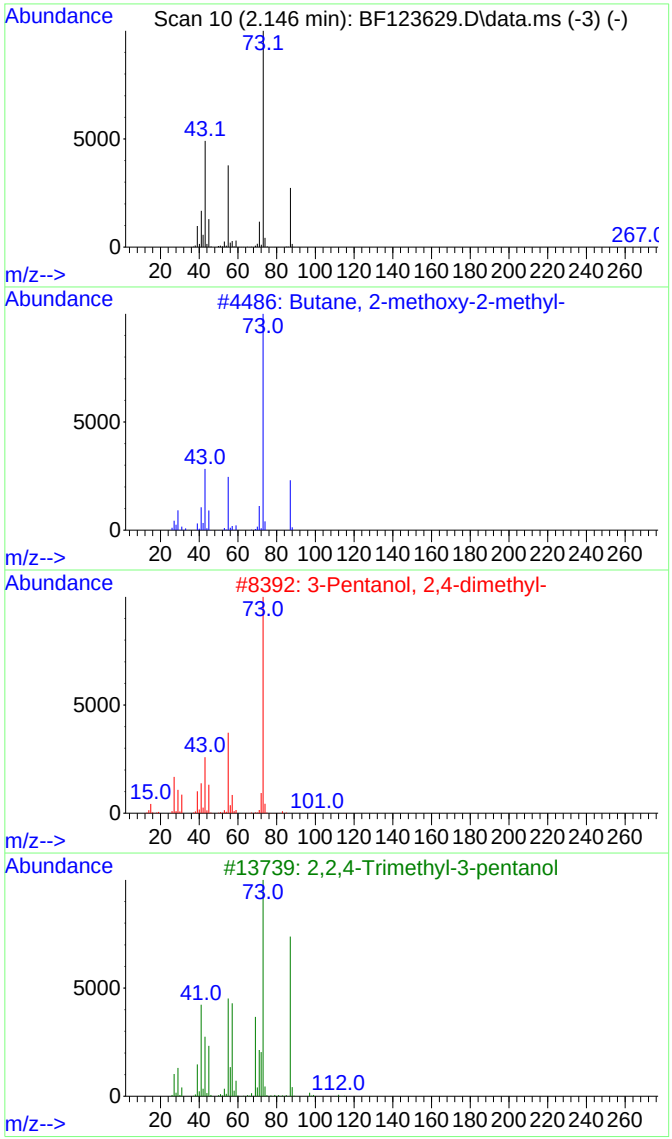
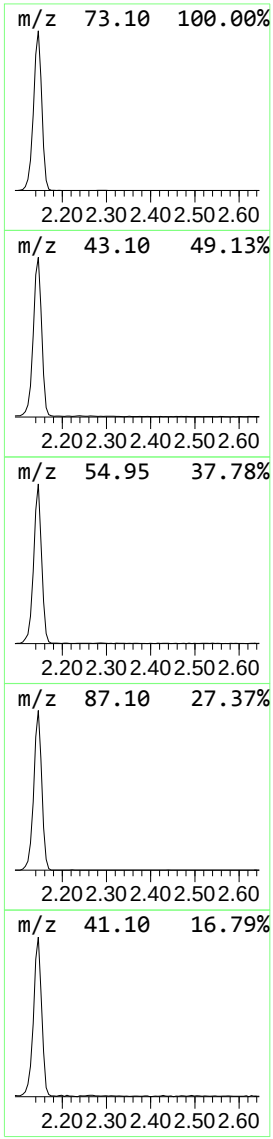
**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.146 | 41.07 ng | 3109020 | 1,4-Dichlorobenzene-d4 | 6.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 43 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 38 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 23 |



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Operator : JU/CG
Sample : M2063-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP3-2-4

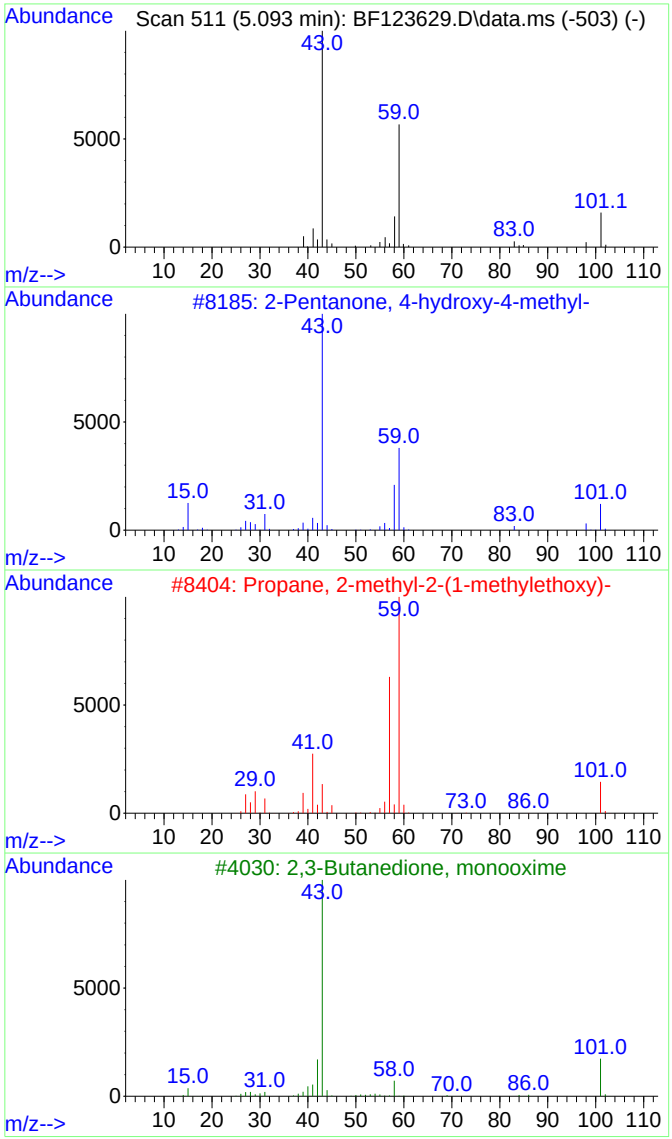
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

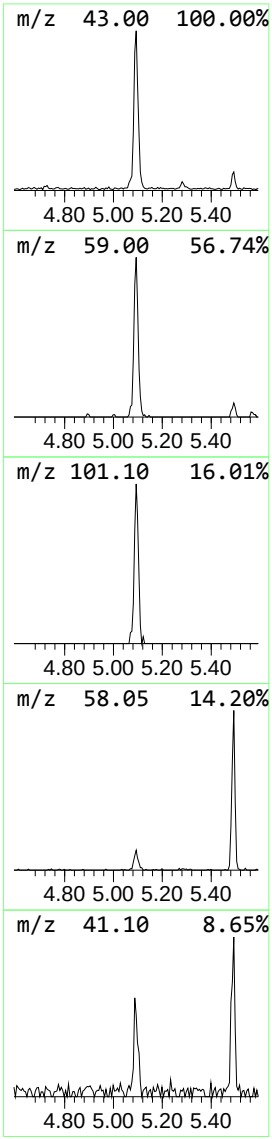
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.093 | 2.34 ng | 176938 | 1,4-Dichlorobenzene-d4 | 6.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 33 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 25 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 25 |
| 5 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9 |



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Operator : JU/CG
Sample : M2063-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP3-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

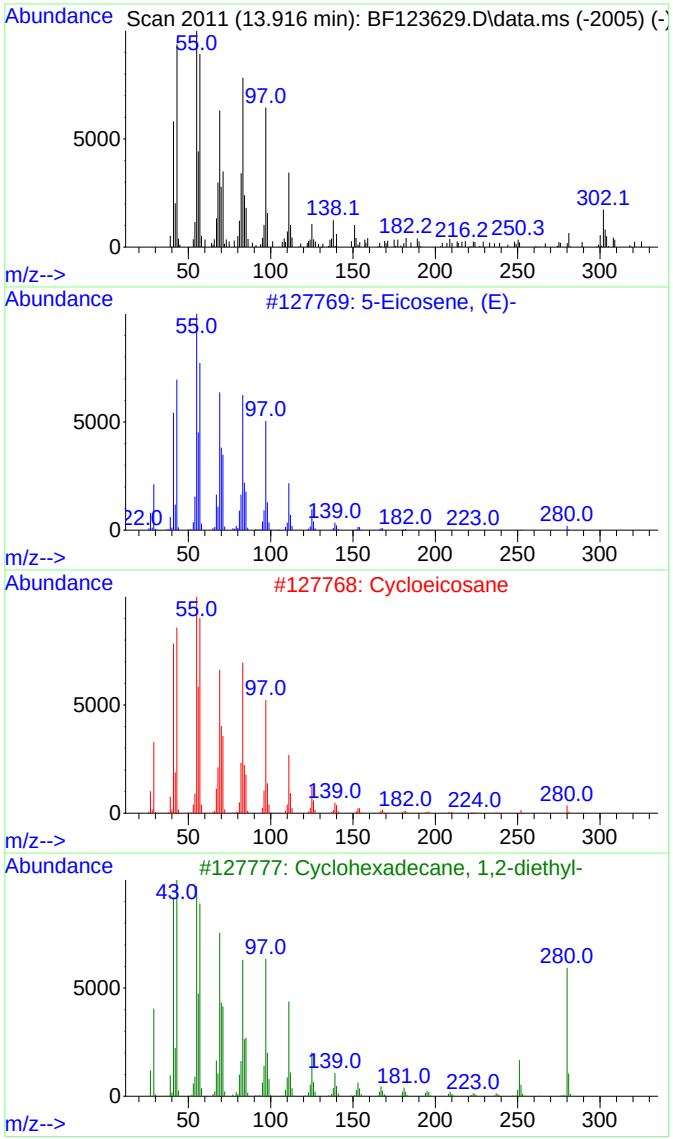
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

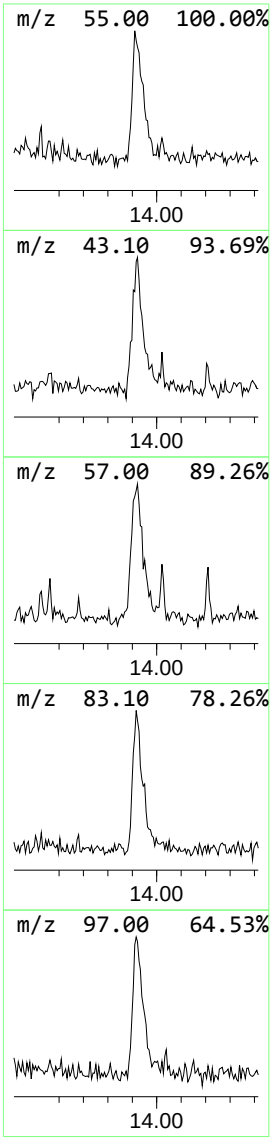
**********

Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.916 | 8.17 ng | 608949 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 94 |
| 2 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 91 |
| 3 | Cyclohexadecane, 1,2-diethyl- | 280 | C20H40 | 1000155-85-3 | 89 |
| 4 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 89 |
| 5 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 87 |



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Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP3-2-4

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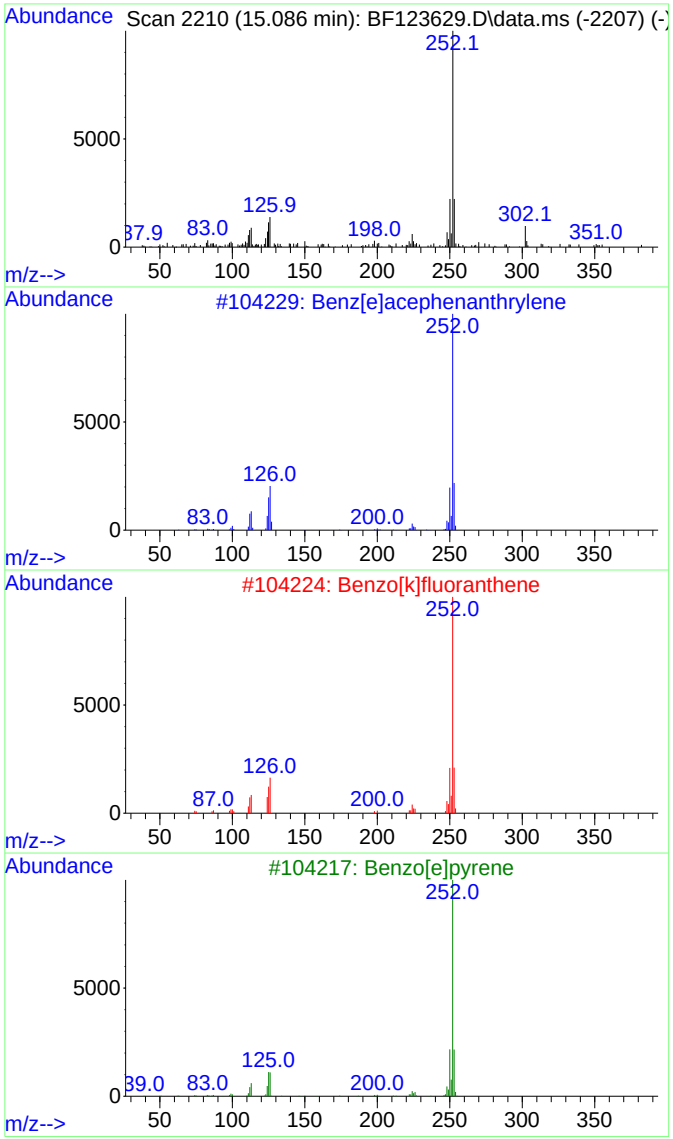
TIC Integration Parameters: LSCINT.P

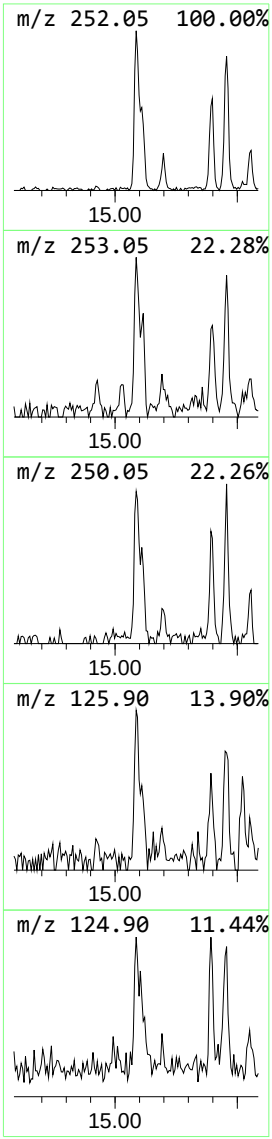
**********

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.086 | 4.24 ng | 294223 | Perylene-d12 | 15.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 96 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 94 |
| 3 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 93 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 81 |



Tentatively Identified Compound (LSC) summary

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ALS Vial : 15 Sample Multiplier: 1

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**ClientSampleId :** TP3-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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... | 2.146 | 41.1 | ng | 3109020 | 1 | 6.863 | 1513900 | 20.0 |
| 2-Pentanone, 4-... | 5.093 | 2.3 | ng | 176938 | 1 | 6.863 | 1513900 | 20.0 |
| 5-Eicosene, (E)- | 13.916 | 8.2 | ng | 608949 | 5 | 14.039 | 1490590 | 20.0 |
| Benzo[e]pyrene | 15.086 | 4.2 | ng | 294223 | 6 | 15.527 | 1389430 | 20.0 |