LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131942.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.358 | 31 | 46 | 52 | rBV | 1022677 | 1549835 | 100.00% | 10.745% |
| 2 | 3.787 | 283 | 289 | 295 | rVB | 197925 | 274459 | 17.71% | 1.903% |
| 3 | 4.993 | 489 | 494 | 501 | rVB | 448934 | 526243 | 33.95% | 3.649% |
| 4 | 5.251 | 534 | 538 | 542 | rVB | 145691 | 141142 | 9.11% | 0.979% |
| 5 | 5.363 | 553 | 557 | 562 | rBV | 637910 | 791159 | 51.05% | 5.485% |
| 6 | 5.410 | 562 | 565 | 574 | rVB | 1253196 | 1154220 | 74.47% | 8.002% |
| 7 | 5.628 | 598 | 602 | 606 | rBV | 422677 | 350223 | 22.60% | 2.428% |
| 8 | 5.734 | 616 | 620 | 626 | rBV | 18197 | 25007 | 1.61% | 0.173% |
| 9 | 6.098 | 678 | 682 | 686 | rBV | 28593 | 26968 | 1.74% | 0.187% |
| 10 | 6.375 | 726 | 729 | 736 | rVB | 646673 | 567966 | 36.65% | 3.938% |
| 11 | 6.440 | 736 | 740 | 752 | rBV | 1299125 | 1227249 | 79.19% | 8.509% |
| 12 | 6.534 | 752 | 756 | 760 | rVB | 86136 | 70914 | 4.58% | 0.492% |
| 13 | 6.622 | 766 | 771 | 774 | rBV3 | 37312 | 38895 | 2.51% | 0.270% |
| 14 | 6.798 | 797 | 801 | 804 | rBV | 447074 | 367979 | 23.74% | 2.551% |
| 15 | 7.369 | 893 | 898 | 901 | rBV | 988013 | 860957 | 55.55% | 5.969% |
| 16 | 7.875 | 981 | 984 | 987 | rBV | 28043 | 21946 | 1.42% | 0.152% |
| 17 | 8.087 | 1013 | 1020 | 1023 | rBV | 564524 | 459901 | 29.67% | 3.189% |
| 18 | 9.169 | 1199 | 1204 | 1207 | rBV | 1834868 | 1442938 | 93.10% | 10.004% |
| 19 | 9.239 | 1212 | 1216 | 1219 | rBV3 | 43666 | 45462 | 2.93% | 0.315% |
| 20 | 9.551 | 1266 | 1269 | 1273 | rBV2 | 51730 | 59756 | 3.86% | 0.414% |
| 21 | 9.610 | 1276 | 1279 | 1283 | rVV4 | 25374 | 32586 | 2.10% | 0.226% |
| 22 | 9.686 | 1289 | 1292 | 1294 | rBV | 395090 | 307510 | 19.84% | 2.132% |
| 23 | 9.710 | 1294 | 1296 | 1298 | rVV2 | 58902 | 56487 | 3.64% | 0.392% |
| 24 | 9.751 | 1301 | 1303 | 1306 | rVB | 85332 | 69212 | 4.47% | 0.480% |
| 25 | 9.822 | 1312 | 1315 | 1316 | rBV2 | 36480 | 36784 | 2.37% | 0.255% |
| 26 | 9.851 | 1316 | 1320 | 1323 | rVB | 535328 | 463458 | 29.90% | 3.213% |
| 27 | 9.881 | 1323 | 1325 | 1330 | rBV3 | 34416 | 42534 | 2.74% | 0.295% |
| 28 | 9.963 | 1336 | 1339 | 1344 | rVB | 381780 | 304996 | 19.68% | 2.115% |
| 29 | 10.216 | 1379 | 1382 | 1385 | rVB2 | 40261 | 40874 | 2.64% | 0.283% |
| 30 | 10.251 | 1385 | 1388 | 1390 | rBV2 | 97907 | 81106 | 5.23% | 0.562% |
| 31 | 10.569 | 1439 | 1442 | 1449 | rBV | 194879 | 165924 | 10.71% | 1.150% |
| 32 | 10.645 | 1451 | 1455 | 1458 | rBV | 782006 | 682031 | 44.01% | 4.729% |
| 33 | 11.345 | 1571 | 1574 | 1577 | rBV | 530190 | 436957 | 28.19% | 3.030% |
| 34 | 12.939 | 1842 | 1845 | 1849 | rBV | 1106521 | 1035463 | 66.81% | 7.179% |
| 35 | 14.004 | 2023 | 2026 | 2030 | rVB | 406936 | 369317 | 23.83% | 2.561% |
| 36 | 15.486 | 2275 | 2278 | 2282 | rVB | 264279 | 294850 | 19.02% | 2.044% |

LSC Area Percent Report

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Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

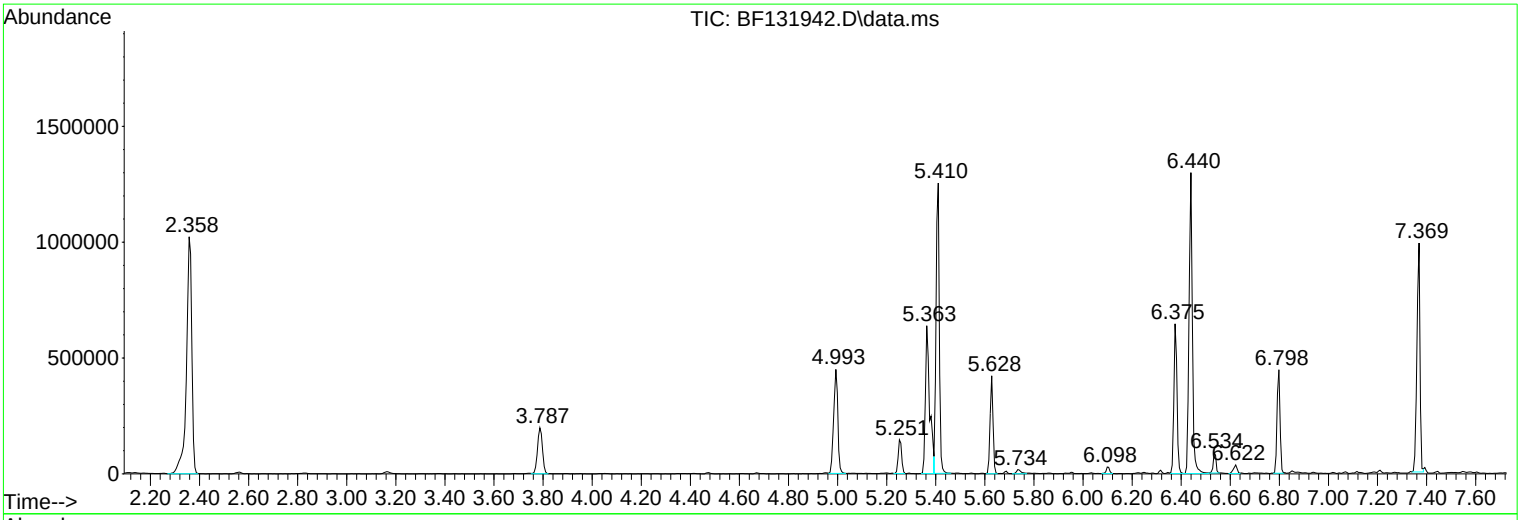
Sum of corrected areas: 14423308

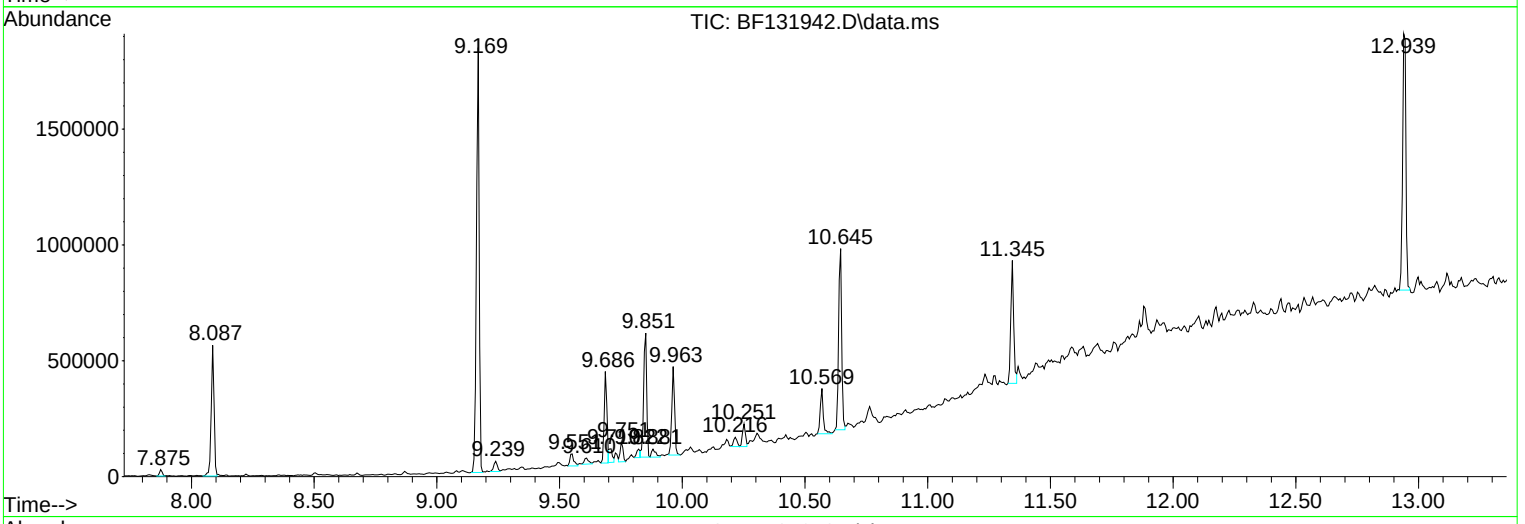
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

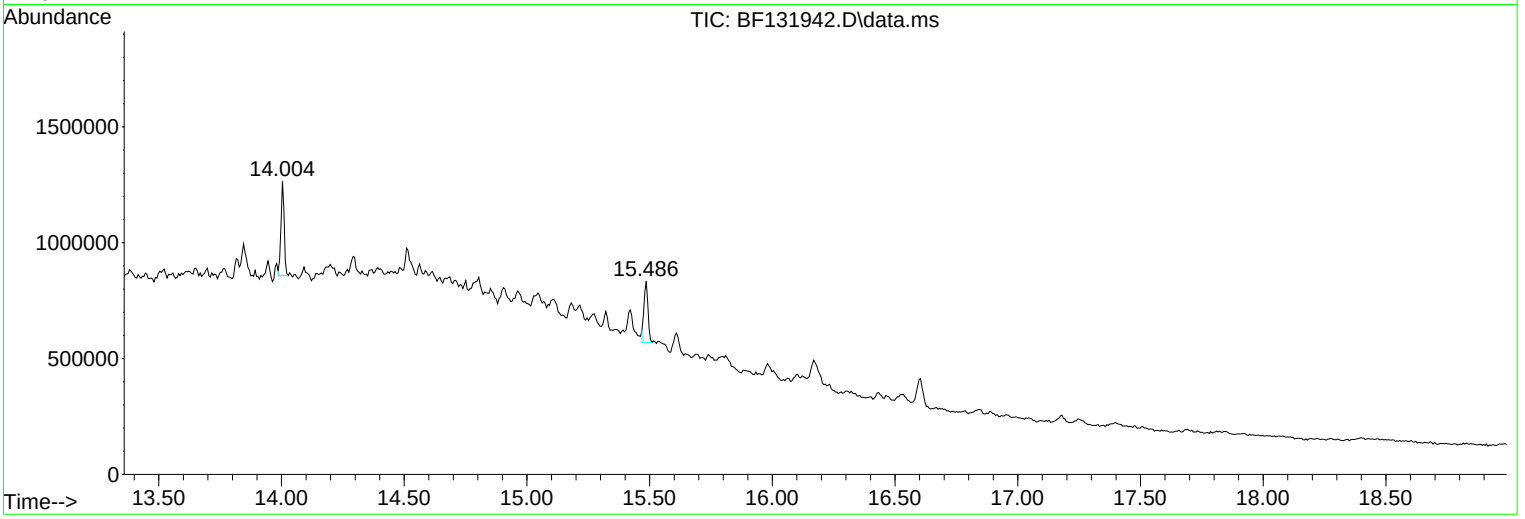
**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

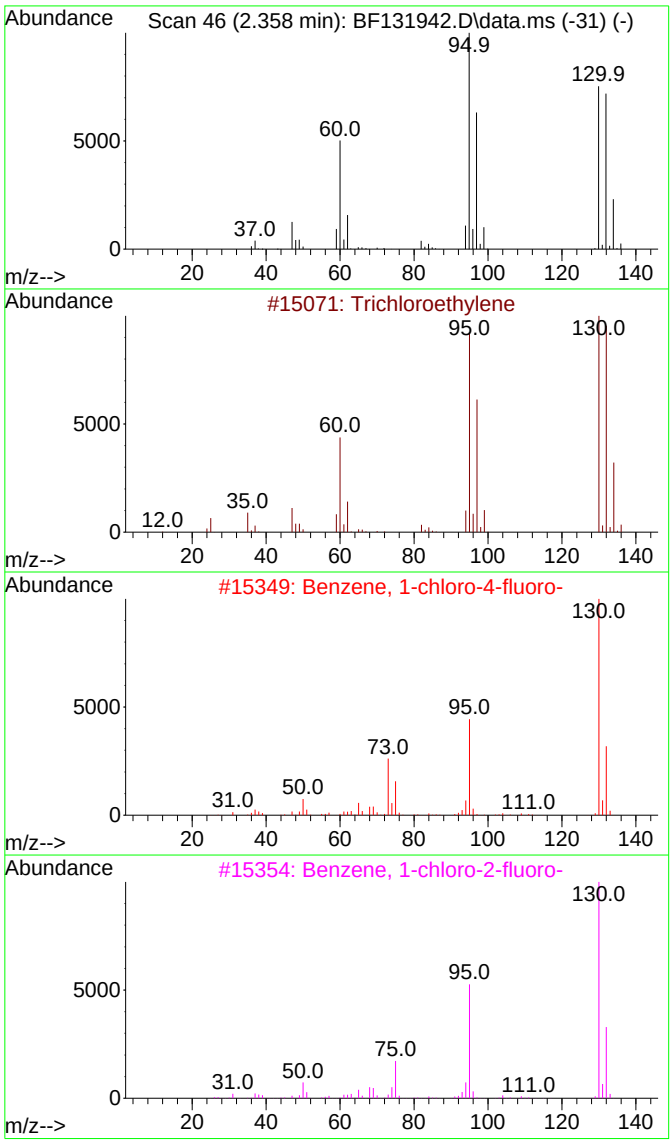
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

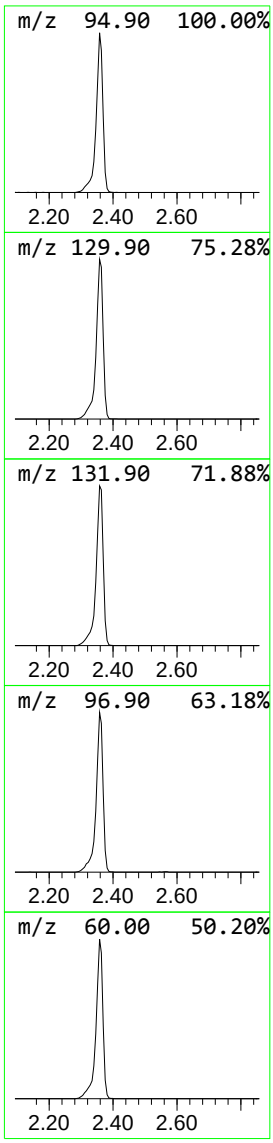
**********

Peak Number 1 Trichloroethylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.358 | 84.23 ng | 1549840 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trichloroethylene | 130 | C2HCl3 | 000079-01-6 | 98 |
| 2 | Benzene, 1-chloro-4-fluoro- | 130 | C6H4ClF | 000352-33-0 | 35 |
| 3 | Benzene, 1-chloro-2-fluoro- | 130 | C6H4ClF | 000348-51-6 | 32 |
| 4 | Benzene, 1-chloro-3-fluoro- | 130 | C6H4ClF | 000625-98-9 | 32 |
| 5 | 2-Fluoro-5-chloropyrimidine | 132 | C4H2ClFN2 | 062802-37-3 | 16 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

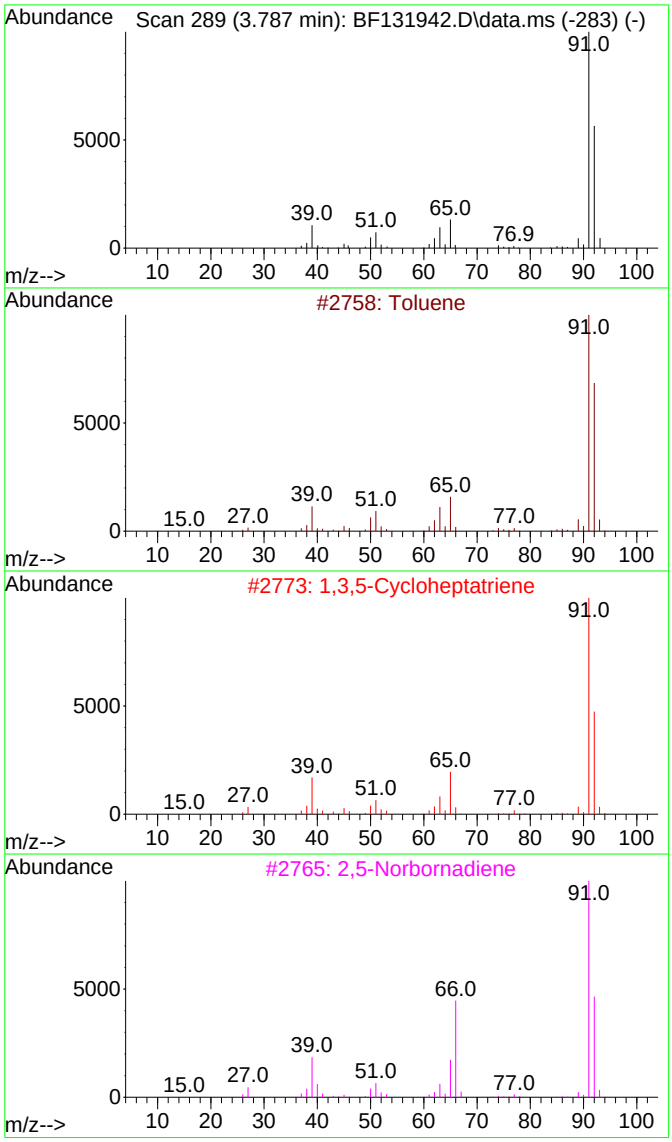
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

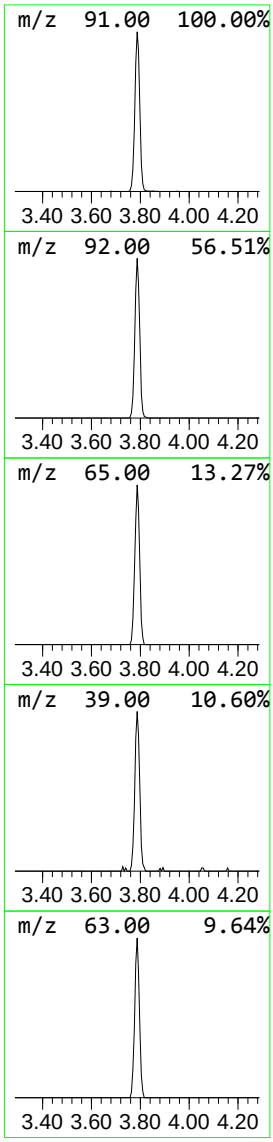
**********

Peak Number 2 Toluene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.787 | 14.92 ng | 274459 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Toluene | 92 | C7H8 | 000108-88-3 | 95 |
| 2 | 1,3,5-Cycloheptatriene | 92 | C7H8 | 000544-25-2 | 87 |
| 3 | 2,5-Norbornadiene | 92 | C7H8 | 000121-46-0 | 72 |
| 4 | Molybdenum, di-.mu.-chlorobis[(1... | 532 | C20H26Cl2Mo2 | 035625-66-2 | 72 |
| 5 | Cyclobutene, 2-propenylidene- | 92 | C7H8 | 052097-85-5 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

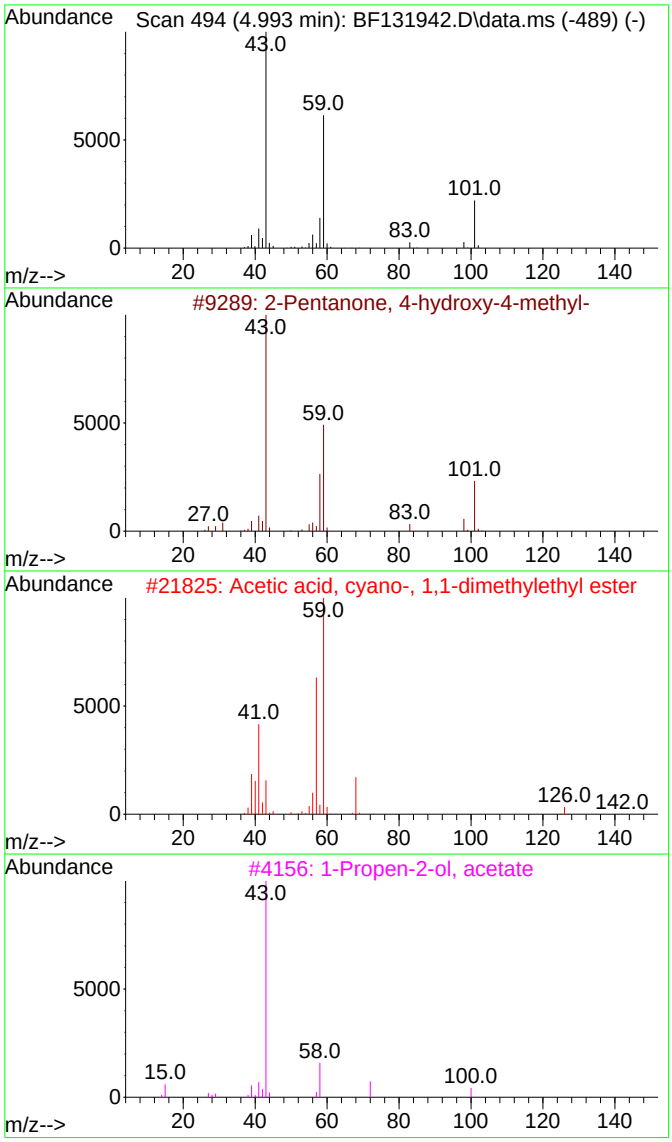
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

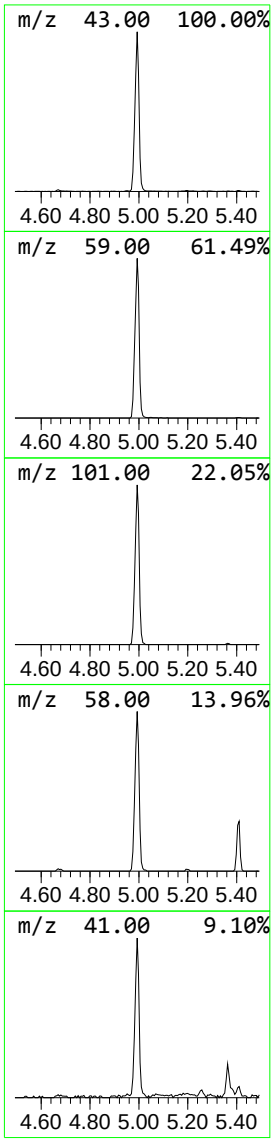
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.993 | 28.60 ng | 526243 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 72 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 32 |
| 3 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 4 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |
| 5 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

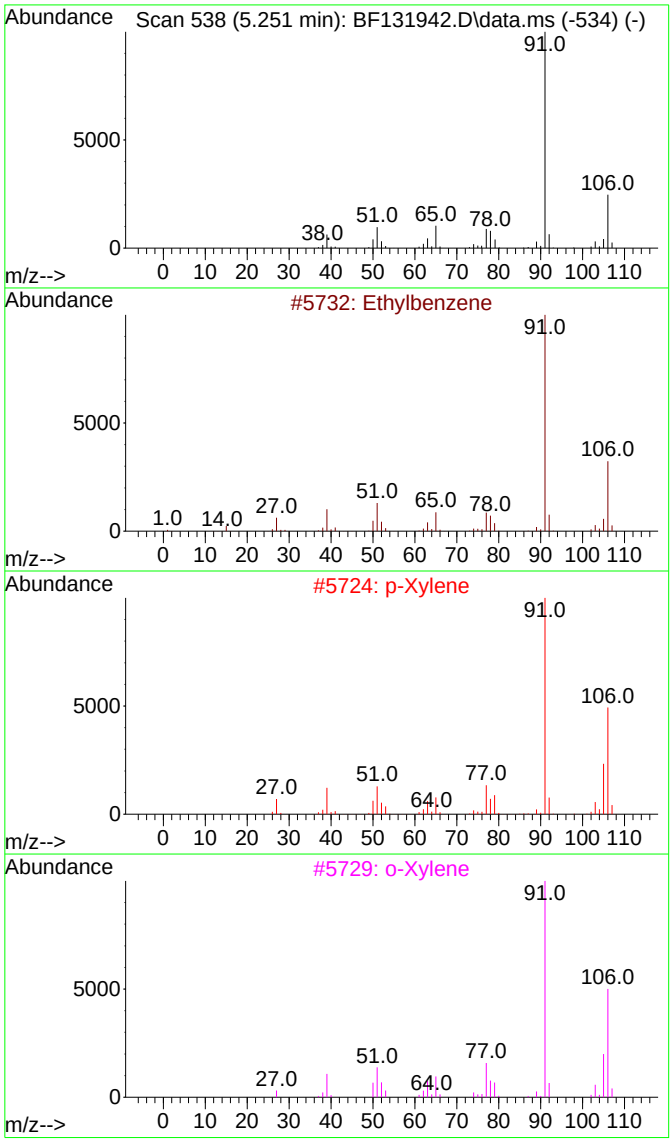
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

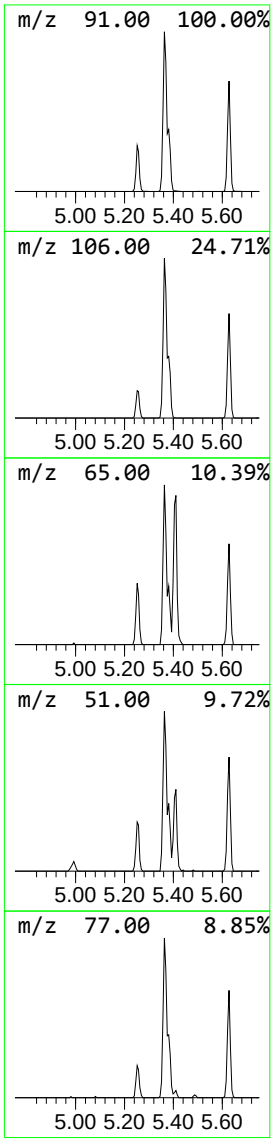
**********

Peak Number 4 Ethylbenzene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.251 | 7.67 ng | 141142 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 86 |
| 3 | o-Xylene | 106 | C8H10 | 000095-47-6 | 86 |
| 4 | N-(Benzyloxy)-2,2,2-trifluoroace... | 219 | C9H8F3NO2 | 174075-91-3 | 53 |
| 5 | 1,3-Cyclopentadiene, 5-(1-methyl... | 106 | C8H10 | 002175-91-9 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

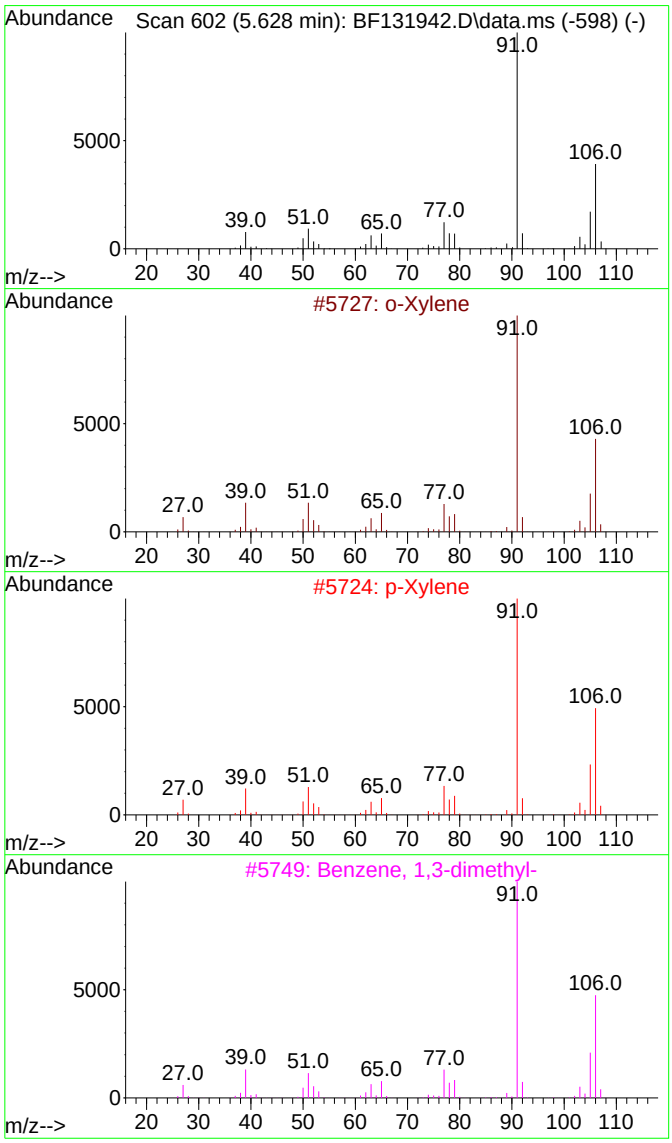
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

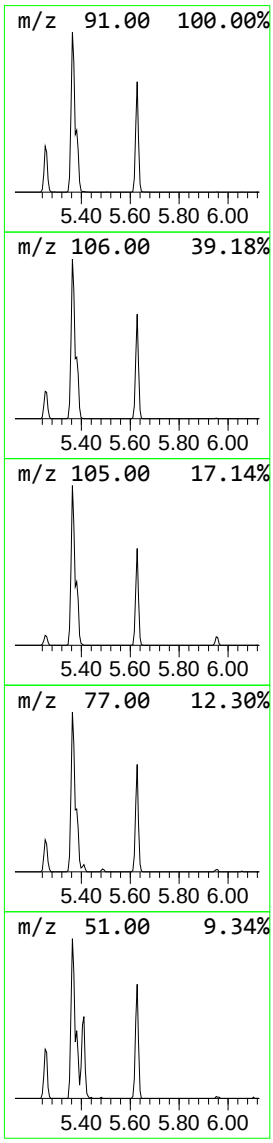
**********

Peak Number 5 o-Xylene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.628 | 19.03 ng | 350223 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# of 4 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 4 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

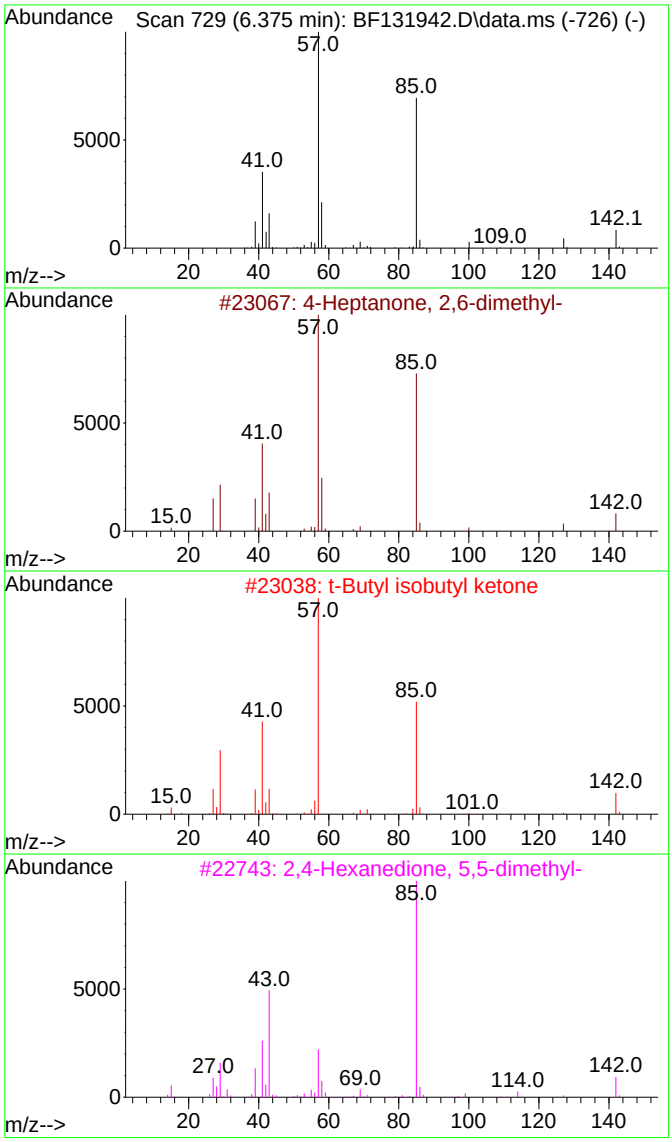
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

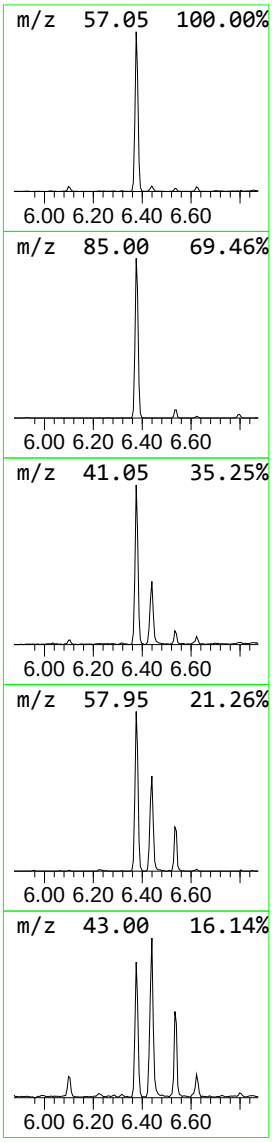
**********

Peak Number 6 4-Heptanone, 2,6-dimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.375 | 30.87 ng | 567966 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Heptanone, 2,6-dimethyl- | 142 | C9H18O | 000108-83-8 | 94 |
| 2 | t-Butyl isobutyl ketone | 142 | C9H18O | 014705-50-1 | 53 |
| 3 | 2,4-Hexanedione, 5,5-dimethyl- | 142 | C8H14O2 | 007307-04-2 | 50 |
| 4 | 4-Octanone, 2-methyl- | 142 | C9H18O | 007492-38-8 | 45 |
| 5 | 3-Buten-2-ol, 2,3-dimethyl- | 100 | C6H12O | 010473-13-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

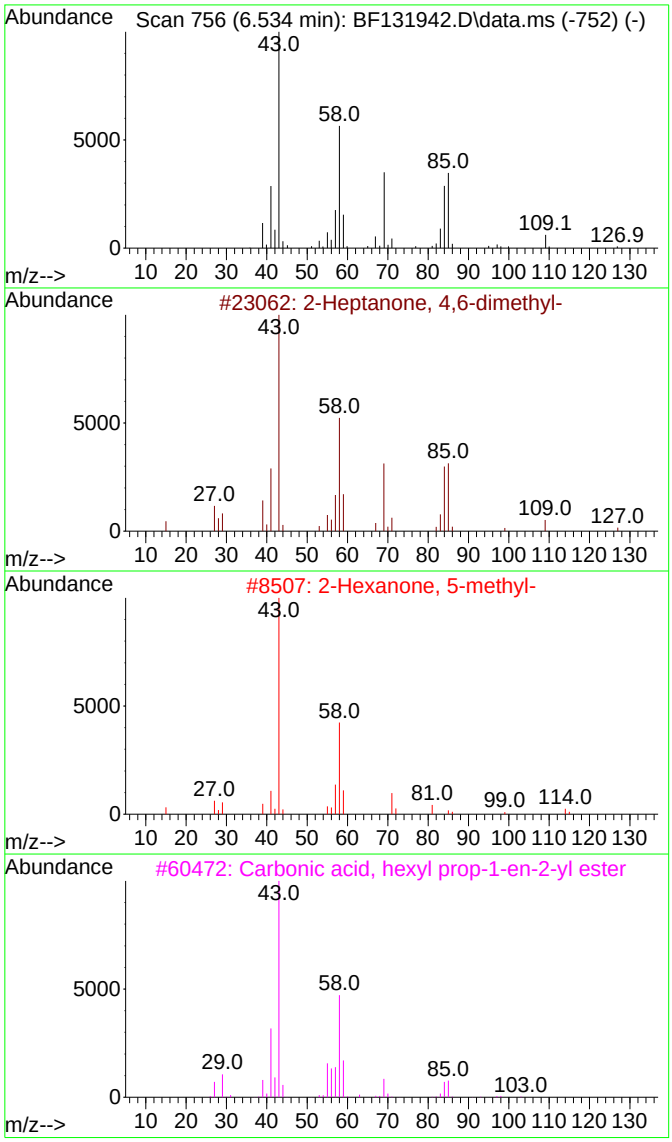
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

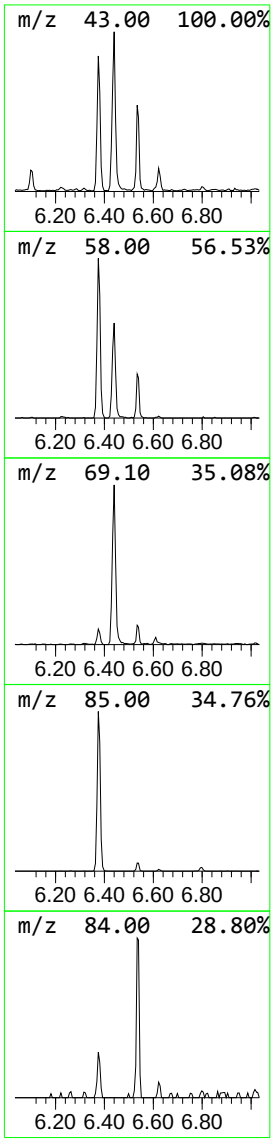
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 2-Heptanone, 4,6-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.534 | 3.85 ng | 70914 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Heptanone, 4,6-dimethyl- | 142 | C9H18O | 019549-80-5 | 83 |
| 2 | 2-Hexanone, 5-methyl- | 114 | C7H14O | 000110-12-3 | 43 |
| 3 | Carbonic acid, hexyl prop-1-en-2... | 186 | C10H18O3 | 1000382-54-2 | 40 |
| 4 | 2-Nonanone, 9-[(tetrahydro-2H-py... | 242 | C14H26O3 | 054699-41-1 | 38 |
| 5 | Pentanal, 2,4-dimethyl- | 114 | C7H14O | 027944-79-2 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

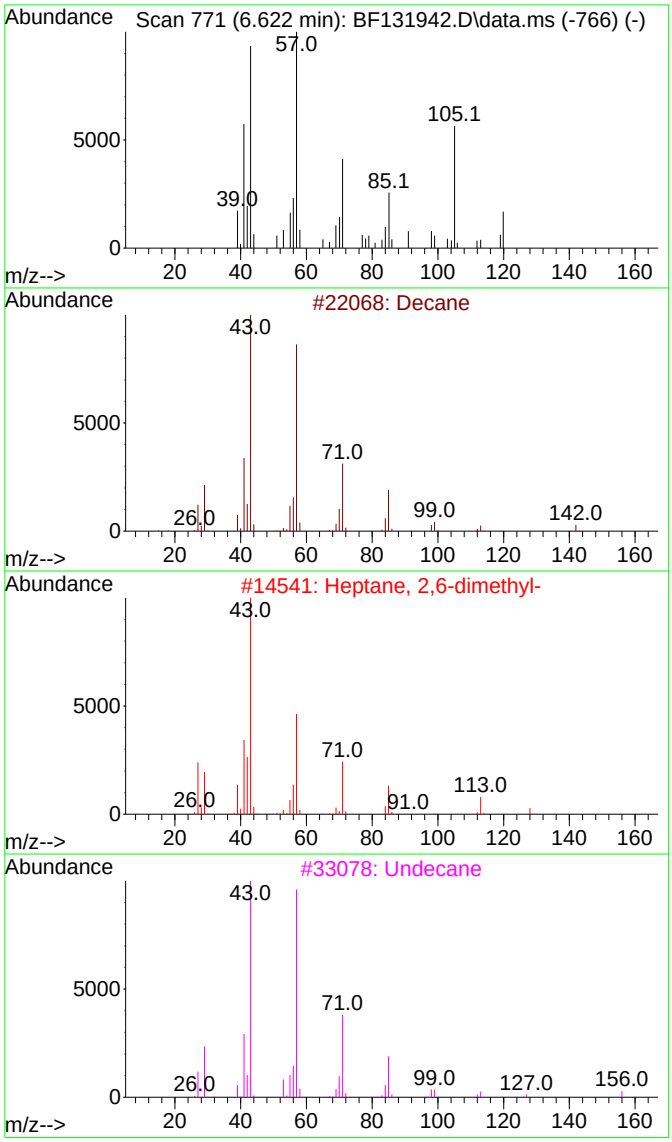
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

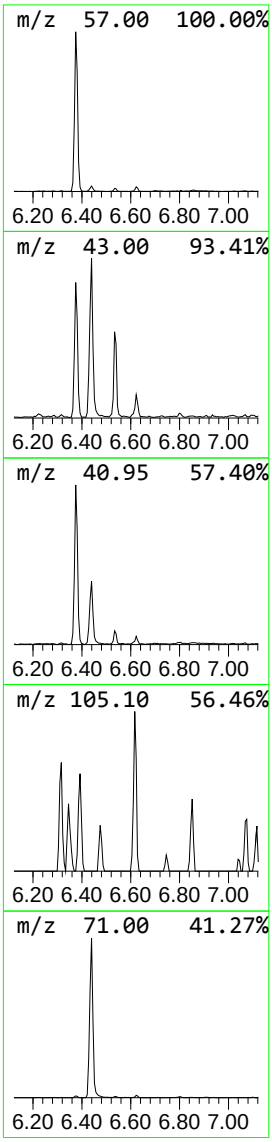
**********

Peak Number 8 Decane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.622 | 2.11 ng | 38895 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 72 |
| 2 | Heptane, 2,6-dimethyl- | 128 | C9H20 | 001072-05-5 | 64 |
| 3 | Undecane | 156 | C11H24 | 001120-21-4 | 59 |
| 4 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 59 |
| 5 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

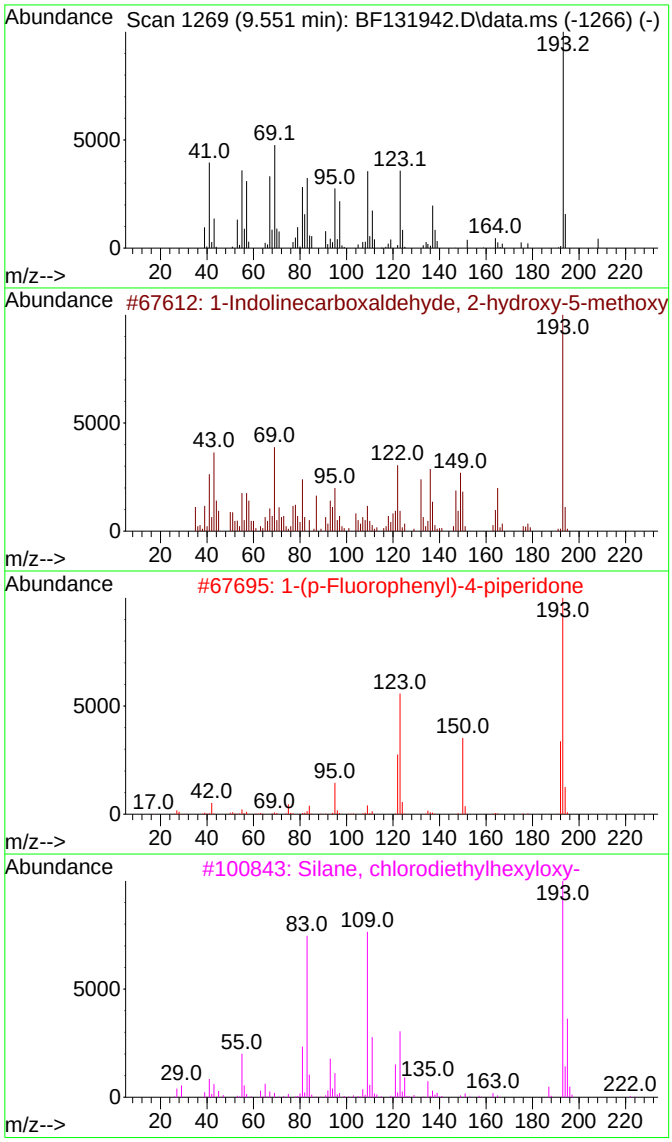
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

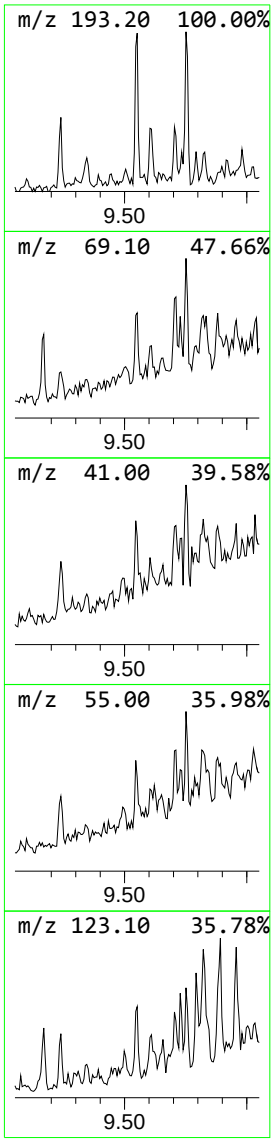
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 1-Indolinecarboxaldehyde, 2... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.551 | 2.58 ng | 59756 | Acenaphthene-d10 | 9.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Indolinecarboxaldehyde, 2-hydr... | 193 | C10H11NO3 | 013303-70-3 | 50 |
| 2 | 1-(p-Fluorophenyl)-4-piperidone | 193 | C11H12FNO | 1000238-56-7 | 43 |
| 3 | Silane, chlorodiethylhexyloxy- | 222 | C10H23ClOSi | 1000363-74-4 | 40 |
| 4 | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O | 313253-65-5 | 40 |
| 5 | Borinic acid, diethyl-, 3,3,5-tr... | 208 | C13H25BO | 057387-76-5 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

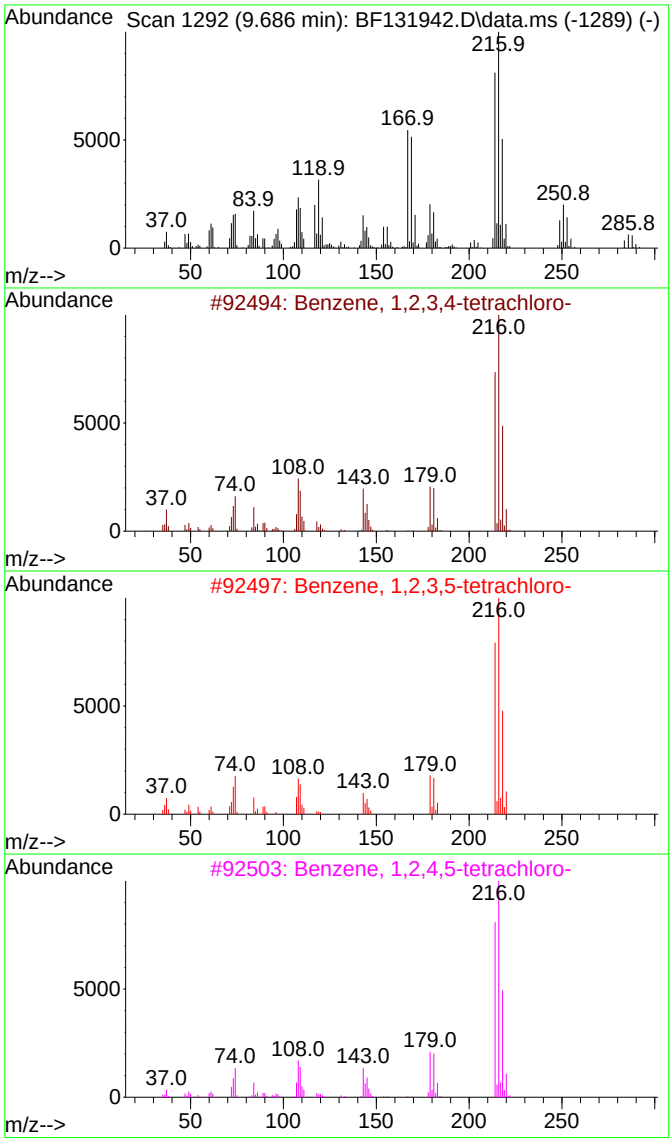
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

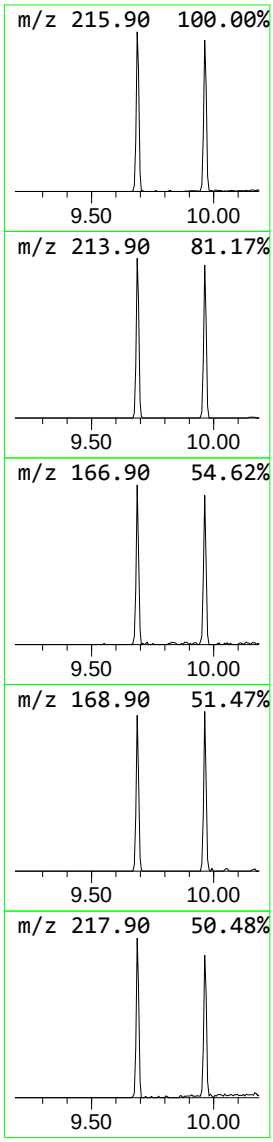
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.686 | 13.27 ng | 307510 | Acenaphthene-d10 | 9.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 96 |
| 2 | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 95 |
| 3 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 92 |
| 4 | 5-Bromo-6-fluoro-1H-benzo[d]imid... | 214 | C7H4BrFN2 | 1000494-67-9 | 45 |
| 5 | 6-Bromo-5-fluoro-1H-indazole | 214 | C7H4BrFN2 | 1286734-85-7 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

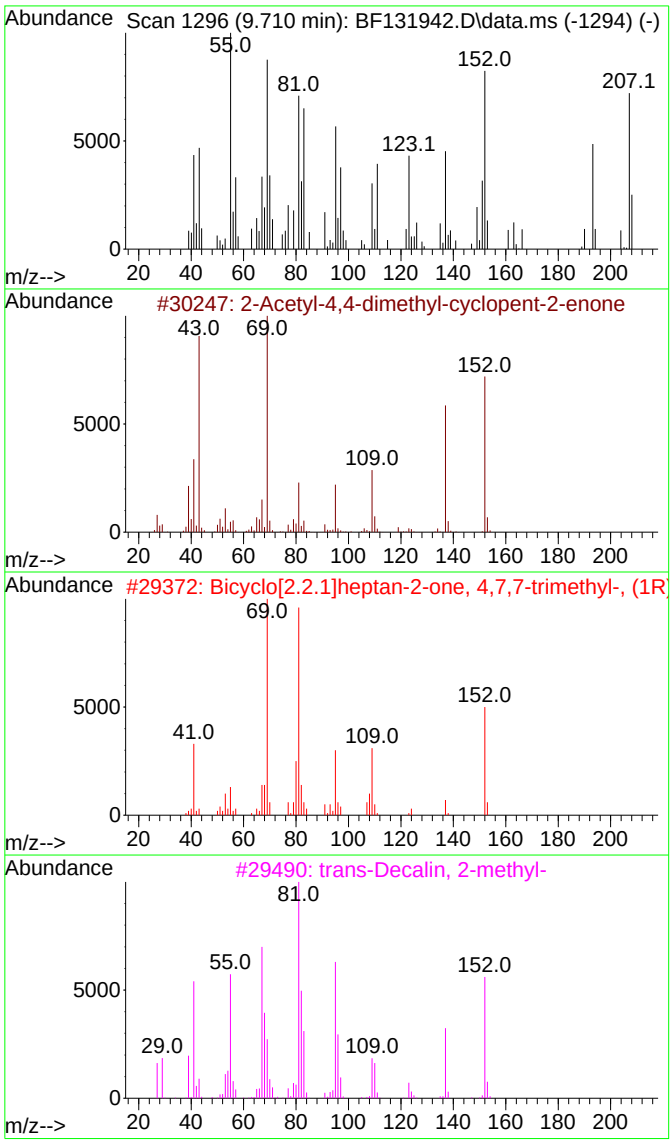
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

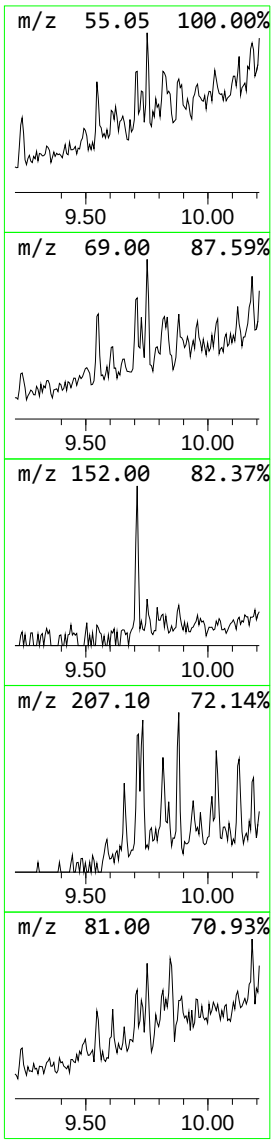
**********

Peak Number 11 unknown9.710 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.710 | 2.44 ng | 56487 | Acenaphthene-d10 | 9.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Acetyl-4,4-dimethyl-cyclopent-... | 152 | C9H12O2 | 081979-96-6 | 38 |
| 2 | Bicyclo[2.2.1]heptan-2-one, 4,7,... | 152 | C10H16O | 013854-85-8 | 27 |
| 3 | trans-Decalin, 2-methyl- | 152 | C11H20 | 1000152-47-3 | 25 |
| 4 | 2,3-Dimethoxytoluene | 152 | C9H12O2 | 004463-33-6 | 25 |
| 5 | 1,4-Benzenediol, 2,3,5-trimethyl- | 152 | C9H12O2 | 000700-13-0 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

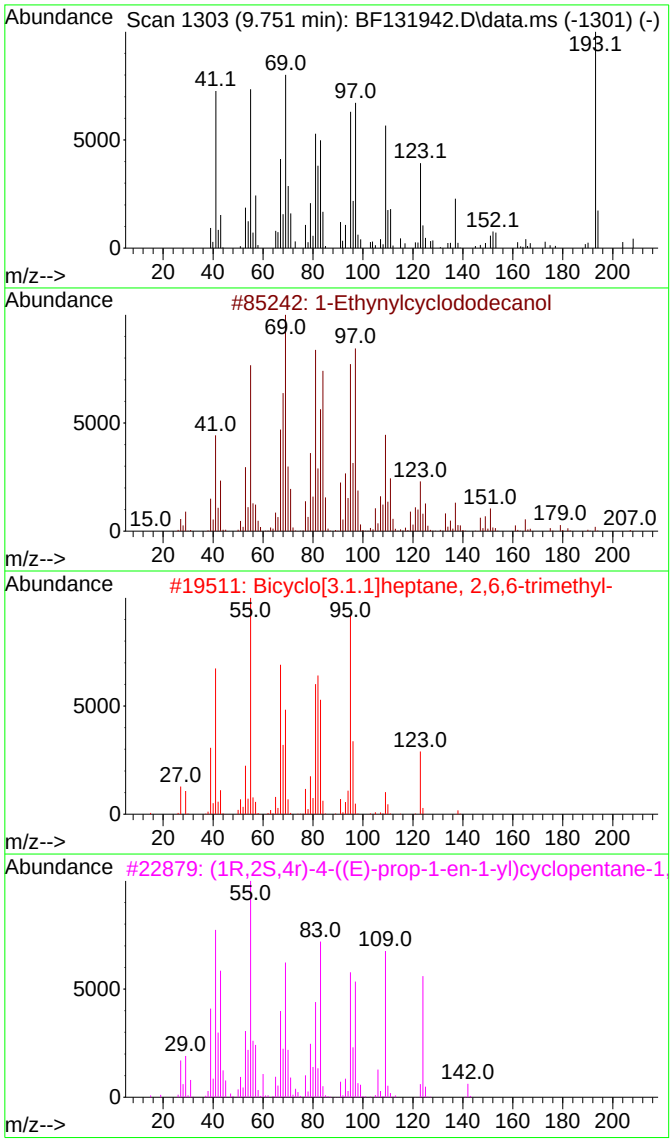
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

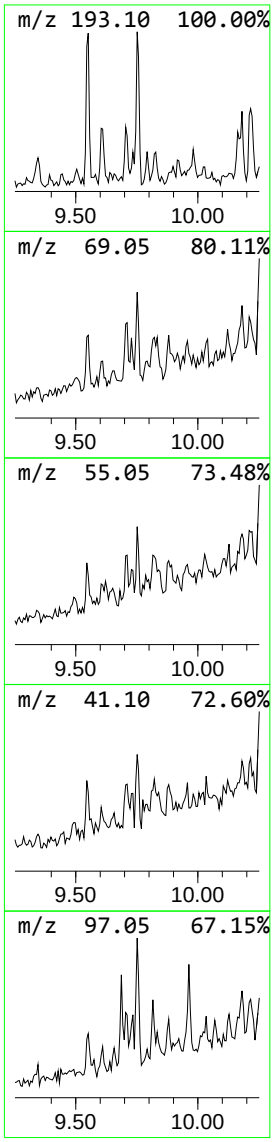
**********

Peak Number 12 unknown9.751 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.751 | 2.99 ng | 69212 | Acenaphthene-d10 | 9.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Ethynylcyclododecanol | 208 | C14H24O | 1000484-40-4 | 47 |
| 2 | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18 | 000473-55-2 | 35 |
| 3 | (1R,2S,4r)-4-((E)-prop-1-en-1-yl... | 142 | C8H14O2 | 1010481-89-9 | 27 |
| 4 | 3-((2R,5S)-7-(Methylsulfonyl)-1-... | 272 | C12H20N2O3S | 1465866-05-0 | 27 |
| 5 | Cyclododecanone, 2-methylene- | 194 | C13H22O | 003045-76-9 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

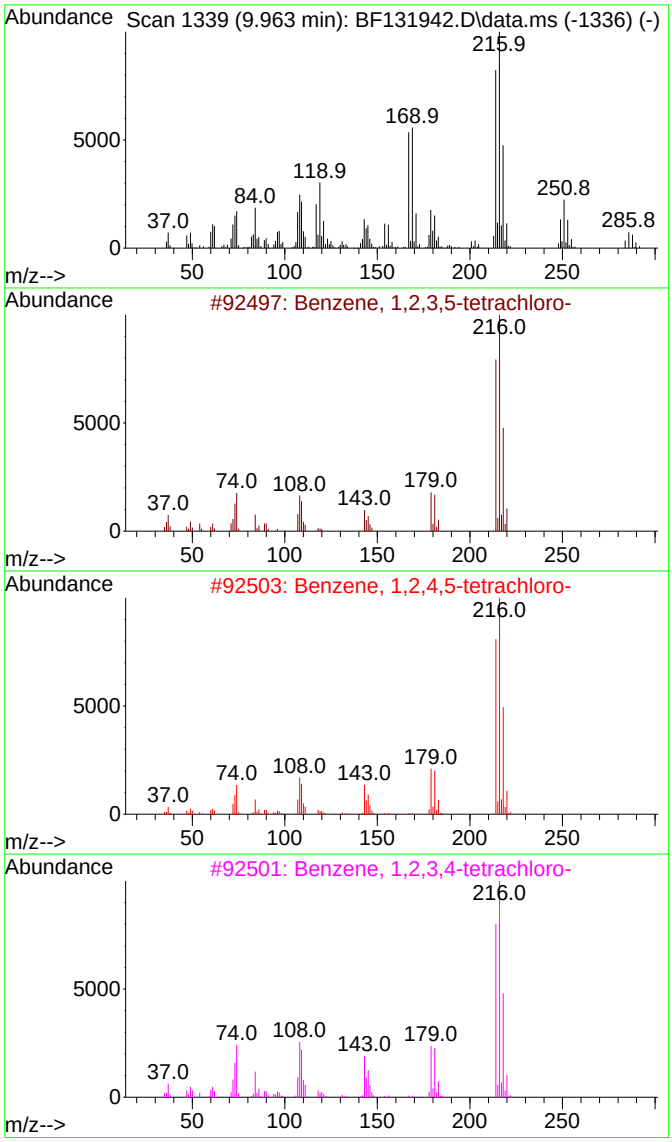
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

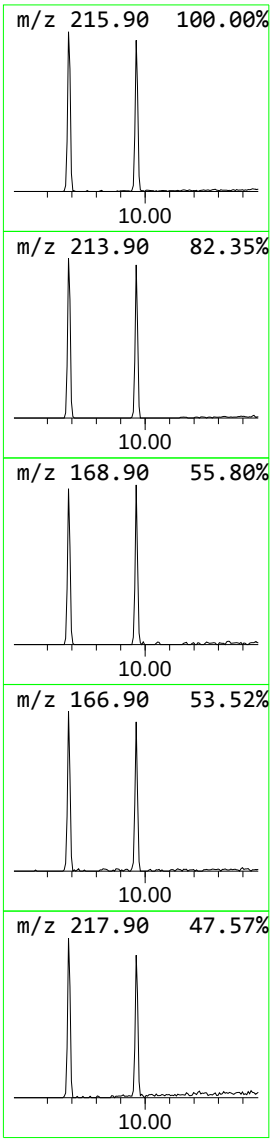
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1,2,3,5-tetrachloro- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.963 | 13.16 ng | 304996 | Acenaphthene-d10 | 9.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 96 |
| 2 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 95 |
| 3 | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 90 |
| 4 | 3-Bromo-4-fluoro-1H-indazole | 214 | C7H4BrFN2 | 885521-60-8 | 35 |
| 5 | 7-Bromothieno[3,2-d]pyrimidine | 214 | C6H3BrN2S | 021586-25-4 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

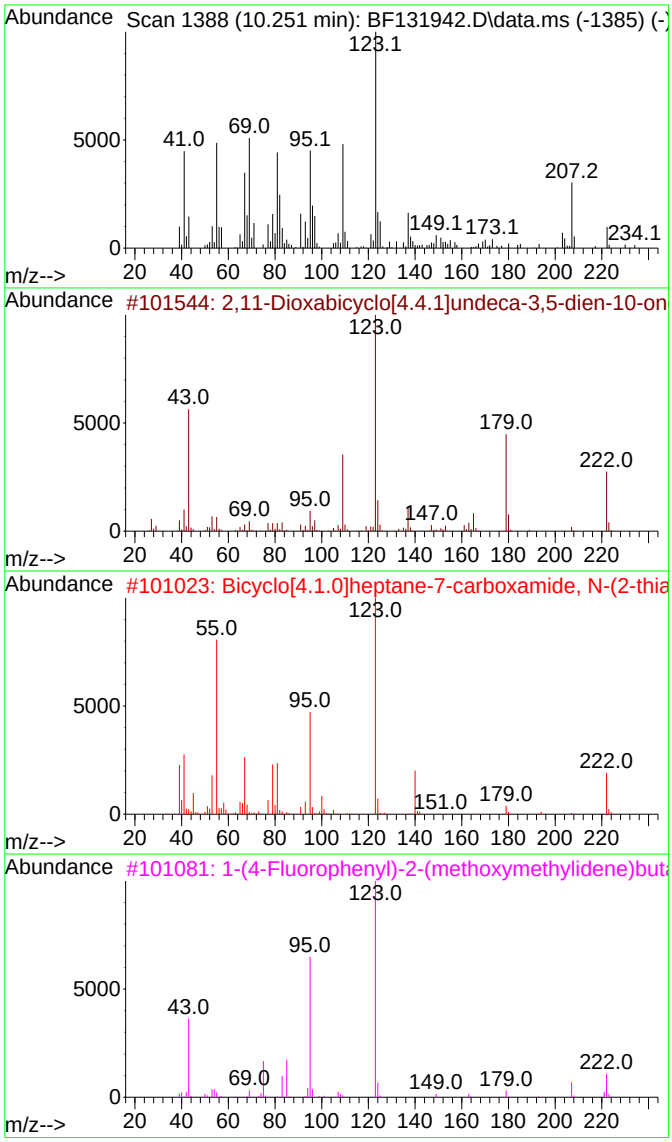
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

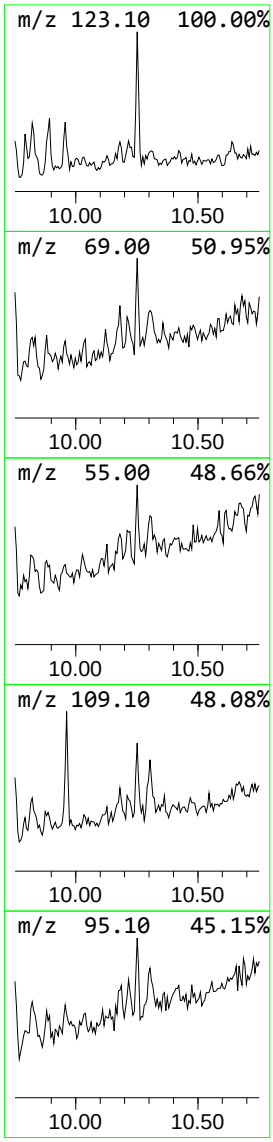
**********

Peak Number 14 unknown10.251 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.251 | 3.50 ng | 81106 | Acenaphthene-d10 | 9.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,11-Dioxabicyclo[4.4.1]undeca-3... | 222 | C13H18O3 | 070412-52-1 | 49 |
| 2 | Bicyclo[4.1.0]heptane-7-carboxam... | 222 | C11H14N2OS | 329912-72-3 | 46 |
| 3 | 1-(4-Fluorophenyl)-2-(methoxymet... | 222 | C12H11FO3 | 1000388-14-4 | 46 |
| 4 | Silane, dimethyldi(2,4-cyclopent... | 188 | C12H16Si | 018053-74-2 | 43 |
| 5 | 2-Fluoro-N-(1,3-thiazol-2-yl)ben... | 222 | C10H7FN2OS | 000319-38-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

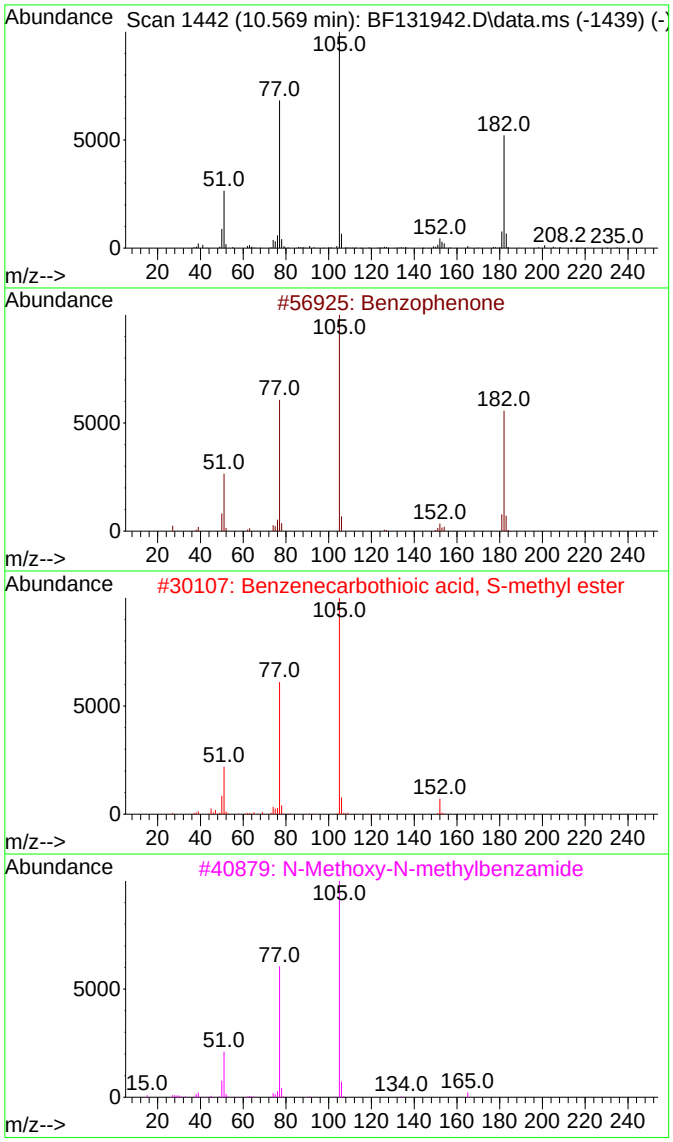
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

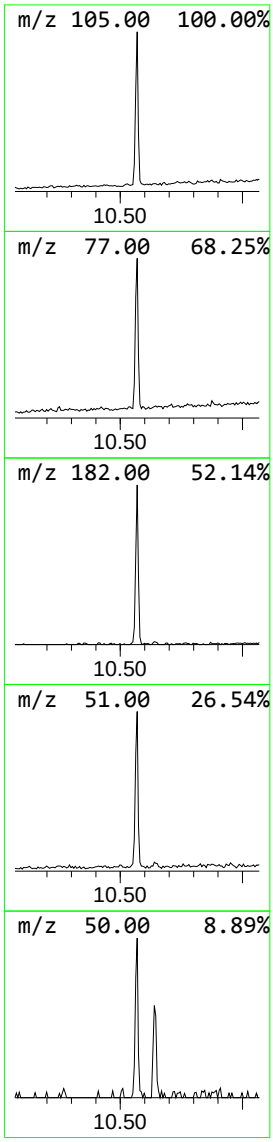
**********

Peak Number 15 Benzophenone Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.569 | 7.16 ng | 165924 | Acenaphthene-d10 | 9.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 58 |
| 3 | N-Methoxy-N-methylbenzamide | 165 | C9H11NO2 | 006919-61-5 | 47 |
| 4 | N-Methylbenzamide, N-trifluoroac... | 231 | C10H8F3NO2 | 1000446-91-5 | 47 |
| 5 | Ethanedione, diphenyl- | 210 | C14H10O2 | 000134-81-6 | 47 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131942.D
Acq On : 06 Jan 2023 15:25
Operator : CG\JU
Sample : N6244-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PE-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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 |
| Trichloroethylene | 2.358 | 84.2 | ng | 1549840 | 1 | 6.798 | 367979 | 20.0 |
| Toluene | 3.787 | 14.9 | ng | 274459 | 1 | 6.798 | 367979 | 20.0 |
| 2-Pentanone, 4-... | 4.993 | 28.6 | ng | 526243 | 1 | 6.798 | 367979 | 20.0 |
| Ethylbenzene | 5.251 | 7.7 | ng | 141142 | 1 | 6.798 | 367979 | 20.0 |
| o-Xylene | 5.628 | 19.0 | ng | 350223 | 1 | 6.798 | 367979 | 20.0 |
| 4-Heptanone, 2,... | 6.375 | 30.9 | ng | 567966 | 1 | 6.798 | 367979 | 20.0 |
| 2-Heptanone, 4,... | 6.534 | 3.9 | ng | 70914 | 1 | 6.798 | 367979 | 20.0 |
| Decane | 6.622 | 2.1 | ng | 38895 | 1 | 6.798 | 367979 | 20.0 |
| 1-Indolinecarbo... | 9.551 | 2.6 | ng | 59756 | 3 | 9.851 | 463458 | 20.0 |
| Benzene, 1,2,3,... | 9.686 | 13.3 | ng | 307510 | 3 | 9.851 | 463458 | 20.0 |
| unknown9.710 | 9.710 | 2.4 | ng | 56487 | 3 | 9.851 | 463458 | 20.0 |
| unknown9.751 | 9.751 | 3.0 | ng | 69212 | 3 | 9.851 | 463458 | 20.0 |
| Benzene, 1,2,3,... | 9.963 | 13.2 | ng | 304996 | 3 | 9.851 | 463458 | 20.0 |
| unknown10.251 | 10.251 | 3.5 | ng | 81106 | 3 | 9.851 | 463458 | 20.0 |
| Benzophenone | 10.569 | 7.2 | ng | 165924 | 3 | 9.851 | 463458 | 20.0 |