LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

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_G\Methods\8270-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059725.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.731 | 222 | 228 | 236 | rBV2 | 97081 | 166183 | 2.00% | 0.291% |
| 2 | 5.318 | 319 | 328 | 335 | rBV | 223268 | 411189 | 4.95% | 0.720% |
| 3 | 5.530 | 356 | 364 | 370 | rBV | 872524 | 1527155 | 18.37% | 2.673% |
| 4 | 5.835 | 409 | 416 | 429 | rVB | 303104 | 546525 | 6.57% | 0.957% |
| 5 | 6.452 | 514 | 521 | 525 | rBV | 205042 | 358751 | 4.32% | 0.628% |
| 6 | 6.517 | 525 | 532 | 537 | rVV3 | 213349 | 463070 | 5.57% | 0.811% |
| 7 | 6.728 | 561 | 568 | 574 | rBV | 69491 | 126548 | 1.52% | 0.222% |
| 8 | 6.940 | 598 | 604 | 612 | rVB4 | 97608 | 201600 | 2.43% | 0.353% |
| 9 | 7.093 | 624 | 630 | 637 | rVB2 | 204872 | 362595 | 4.36% | 0.635% |
| 10 | 7.433 | 680 | 688 | 691 | rBV2 | 359422 | 632690 | 7.61% | 1.108% |
| 11 | 7.469 | 691 | 694 | 700 | rVB | 228817 | 363561 | 4.37% | 0.636% |
| 12 | 7.586 | 708 | 714 | 722 | rVB3 | 173349 | 293749 | 3.53% | 0.514% |
| 13 | 7.950 | 770 | 776 | 782 | rVB3 | 186202 | 297019 | 3.57% | 0.520% |
| 14 | 8.338 | 837 | 842 | 845 | rBV4 | 156604 | 293140 | 3.53% | 0.513% |
| 15 | 8.385 | 845 | 850 | 856 | rVV2 | 395695 | 748868 | 9.01% | 1.311% |
| 16 | 8.526 | 867 | 874 | 879 | rBV5 | 69997 | 140595 | 1.69% | 0.246% |
| 17 | 8.614 | 879 | 889 | 894 | rBV3 | 248926 | 514849 | 6.19% | 0.901% |
| 18 | 8.726 | 901 | 908 | 911 | rBV | 135747 | 249410 | 3.00% | 0.437% |
| 19 | 8.773 | 911 | 916 | 922 | rVV2 | 396104 | 673342 | 8.10% | 1.179% |
| 20 | 8.979 | 942 | 951 | 956 | rBV8 | 64855 | 165457 | 1.99% | 0.290% |
| 21 | 9.120 | 967 | 975 | 979 | rBV7 | 53291 | 145361 | 1.75% | 0.254% |
| 22 | 9.178 | 980 | 985 | 992 | rVB5 | 93764 | 162762 | 1.96% | 0.285% |
| 23 | 9.272 | 992 | 1001 | 1004 | rBV6 | 100659 | 229922 | 2.77% | 0.402% |
| 24 | 9.319 | 1005 | 1009 | 1015 | rVB2 | 103580 | 183464 | 2.21% | 0.321% |
| 25 | 9.455 | 1024 | 1032 | 1038 | rBV | 1288282 | 2290543 | 27.55% | 4.010% |
| 26 | 9.543 | 1038 | 1047 | 1052 | rBV | 387875 | 712728 | 8.57% | 1.248% |
| 27 | 9.772 | 1074 | 1086 | 1090 | rBV8 | 91218 | 200214 | 2.41% | 0.350% |
| 28 | 9.836 | 1091 | 1097 | 1102 | rVV3 | 127540 | 272944 | 3.28% | 0.478% |
| 29 | 9.889 | 1102 | 1106 | 1113 | rVB5 | 184445 | 306009 | 3.68% | 0.536% |
| 30 | 10.107 | 1139 | 1143 | 1154 | rVB6 | 87750 | 204092 | 2.46% | 0.357% |
| 31 | 10.248 | 1160 | 1167 | 1174 | rBV8 | 59151 | 164504 | 1.98% | 0.288% |
| 32 | 10.324 | 1174 | 1180 | 1182 | rVV3 | 142795 | 255936 | 3.08% | 0.448% |
| 33 | 10.354 | 1182 | 1185 | 1194 | rVB | 178020 | 290149 | 3.49% | 0.508% |
| 34 | 10.630 | 1217 | 1232 | 1236 | rBV2 | 117443 | 282978 | 3.40% | 0.495% |
| 35 | 10.788 | 1248 | 1259 | 1265 | rBV8 | 82092 | 231635 | 2.79% | 0.405% |
| 36 | 10.947 | 1278 | 1286 | 1290 | rVV2 | 82181 | 190763 | 2.29% | 0.334% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

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_G\Methods\8270-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.017 | 1293 | 1298 | 1301 | rVV5 | 96297 | 208685 | 2.51% | 0.365% |
| 38 | 11.070 | 1301 | 1307 | 1315 | rVB2 | 1074397 | 1887343 | 22.70% | 3.304% |
| 39 | 11.194 | 1320 | 1328 | 1329 | rBV | 187651 | 318833 | 3.84% | 0.558% |
| 40 | 11.299 | 1340 | 1346 | 1354 | rVB8 | 93033 | 224709 | 2.70% | 0.393% |
| 41 | 11.493 | 1371 | 1379 | 1390 | rBV6 | 133133 | 394598 | 4.75% | 0.691% |
| 42 | 11.687 | 1407 | 1412 | 1420 | rBV6 | 72520 | 174951 | 2.10% | 0.306% |
| 43 | 11.758 | 1420 | 1424 | 1430 | rVB6 | 69108 | 146300 | 1.76% | 0.256% |
| 44 | 12.310 | 1511 | 1518 | 1524 | rBV | 601788 | 1003988 | 12.08% | 1.757% |
| 45 | 12.410 | 1531 | 1535 | 1545 | rVB4 | 73994 | 153281 | 1.84% | 0.268% |
| 46 | 12.569 | 1555 | 1562 | 1569 | rVB5 | 124676 | 243642 | 2.93% | 0.426% |
| 47 | 12.833 | 1598 | 1607 | 1612 | rBV5 | 44696 | 130934 | 1.58% | 0.229% |
| 48 | 13.174 | 1656 | 1665 | 1671 | rVV | 1008808 | 1985809 | 23.89% | 3.476% |
| 49 | 13.244 | 1671 | 1677 | 1685 | rVB | 1346444 | 2064436 | 24.83% | 3.614% |
| 50 | 13.327 | 1685 | 1691 | 1697 | rBV6 | 205174 | 325840 | 3.92% | 0.570% |
| 51 | 13.438 | 1705 | 1710 | 1721 | rVB2 | 157878 | 361831 | 4.35% | 0.633% |
| 52 | 13.591 | 1726 | 1736 | 1749 | rVB | 1030233 | 1857393 | 22.34% | 3.251% |
| 53 | 14.114 | 1820 | 1825 | 1829 | rBV5 | 127214 | 200619 | 2.41% | 0.351% |
| 54 | 14.302 | 1850 | 1857 | 1863 | rBV | 753971 | 1154692 | 13.89% | 2.021% |
| 55 | 14.419 | 1872 | 1877 | 1885 | rBV | 106061 | 304008 | 3.66% | 0.532% |
| 56 | 14.701 | 1921 | 1925 | 1934 | rVB6 | 70496 | 145699 | 1.75% | 0.255% |
| 57 | 14.819 | 1937 | 1945 | 1950 | rBV | 446180 | 709134 | 8.53% | 1.241% |
| 58 | 14.966 | 1966 | 1970 | 1976 | rVB2 | 241137 | 401655 | 4.83% | 0.703% |
| 59 | 15.083 | 1985 | 1990 | 1997 | rVB | 432918 | 635557 | 7.65% | 1.113% |
| 60 | 15.213 | 2006 | 2012 | 2018 | rBV | 661171 | 980999 | 11.80% | 1.717% |
| 61 | 15.471 | 2050 | 2056 | 2060 | rBV | 229301 | 366703 | 4.41% | 0.642% |
| 62 | 15.747 | 2099 | 2103 | 2108 | rVB2 | 133462 | 201980 | 2.43% | 0.354% |
| 63 | 15.806 | 2108 | 2113 | 2119 | rVB2 | 184802 | 263979 | 3.18% | 0.462% |
| 64 | 15.871 | 2119 | 2124 | 2127 | rBV3 | 91441 | 152248 | 1.83% | 0.267% |
| 65 | 16.047 | 2146 | 2154 | 2167 | rVB | 5472311 | 8312983 | 100.00% | 14.552% |
| 66 | 16.317 | 2195 | 2200 | 2208 | rVB | 323992 | 590509 | 7.10% | 1.034% |
| 67 | 16.470 | 2220 | 2226 | 2232 | rVB | 820158 | 1345016 | 16.18% | 2.354% |
| 68 | 16.681 | 2259 | 2262 | 2270 | rVB | 120921 | 219836 | 2.64% | 0.385% |
| 69 | 16.981 | 2308 | 2313 | 2320 | rBV | 314557 | 509720 | 6.13% | 0.892% |
| 70 | 17.093 | 2328 | 2332 | 2340 | rVB4 | 156420 | 238257 | 2.87% | 0.417% |
| 71 | 17.234 | 2351 | 2356 | 2361 | rBV | 405810 | 588971 | 7.08% | 1.031% |
| 72 | 17.686 | 2429 | 2433 | 2435 | rVV3 | 102773 | 162440 | 1.95% | 0.284% |
| 73 | 17.721 | 2435 | 2439 | 2445 | rVV2 | 334812 | 687287 | 8.27% | 1.203% |
| 74 | 17.774 | 2445 | 2448 | 2453 | rVB4 | 210169 | 316794 | 3.81% | 0.555% |
| 75 | 17.974 | 2477 | 2482 | 2489 | rVB5 | 160136 | 309041 | 3.72% | 0.541% |
| 76 | 18.168 | 2511 | 2515 | 2525 | rBV4 | 91676 | 198061 | 2.38% | 0.347% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

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_G\Methods\8270-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.421 | 2554 | 2558 | 2567 | rVB5 | 99858 | 187843 | 2.26% | 0.329% |
| 78 | 18.538 | 2575 | 2578 | 2583 | rVB4 | 161956 | 200999 | 2.42% | 0.352% |
| 79 | 18.685 | 2599 | 2603 | 2608 | rBV4 | 126587 | 190738 | 2.29% | 0.334% |
| 80 | 18.908 | 2636 | 2641 | 2649 | rVV6 | 268461 | 484020 | 5.82% | 0.847% |
| 81 | 20.113 | 2842 | 2846 | 2850 | rBV2 | 187971 | 278684 | 3.35% | 0.488% |
| 82 | 20.295 | 2871 | 2877 | 2882 | rVV | 1990787 | 2439661 | 29.35% | 4.271% |
| 83 | 20.377 | 2886 | 2891 | 2897 | rBV10 | 54706 | 132725 | 1.60% | 0.232% |
| 84 | 21.106 | 3009 | 3015 | 3021 | rVB10 | 62475 | 136700 | 1.64% | 0.239% |
| 85 | 21.458 | 3070 | 3075 | 3077 | rBV4 | 104120 | 154348 | 1.86% | 0.270% |
| 86 | 21.493 | 3078 | 3081 | 3087 | rVB5 | 123661 | 219354 | 2.64% | 0.384% |
| 87 | 21.611 | 3094 | 3101 | 3104 | rBV9 | 83055 | 190940 | 2.30% | 0.334% |
| 88 | 22.040 | 3168 | 3174 | 3182 | rBV | 310680 | 674550 | 8.11% | 1.181% |
| 89 | 22.151 | 3190 | 3193 | 3198 | rVB7 | 95512 | 155045 | 1.87% | 0.271% |
| 90 | 22.574 | 3259 | 3265 | 3279 | rVB6 | 183437 | 556196 | 6.69% | 0.974% |
| 91 | 23.285 | 3382 | 3386 | 3399 | rVB7 | 176910 | 435472 | 5.24% | 0.762% |
| 92 | 23.426 | 3407 | 3410 | 3414 | rBV5 | 59357 | 129276 | 1.56% | 0.226% |
| 93 | 23.479 | 3414 | 3419 | 3428 | rVB2 | 257293 | 581674 | 7.00% | 1.018% |
| 94 | 23.691 | 3449 | 3455 | 3462 | rBV8 | 72605 | 174479 | 2.10% | 0.305% |
| 95 | 24.566 | 3596 | 3604 | 3617 | rVB3 | 284555 | 838907 | 10.09% | 1.469% |
| 96 | 25.630 | 3776 | 3785 | 3798 | rBV3 | 176229 | 606975 | 7.30% | 1.063% |
| 97 | 25.900 | 3821 | 3831 | 3841 | rBV4 | 302007 | 994921 | 11.97% | 1.742% |
| 98 | 27.580 | 4103 | 4117 | 4126 | rBV7 | 211233 | 864627 | 10.40% | 1.514% |
| 99 | 29.672 | 4456 | 4473 | 4486 | rBV8 | 206072 | 1128178 | 13.57% | 1.975% |
| 100 | 32.304 | 4910 | 4921 | 4922 | rBV9 | 97945 | 230891 | 2.78% | 0.404% |

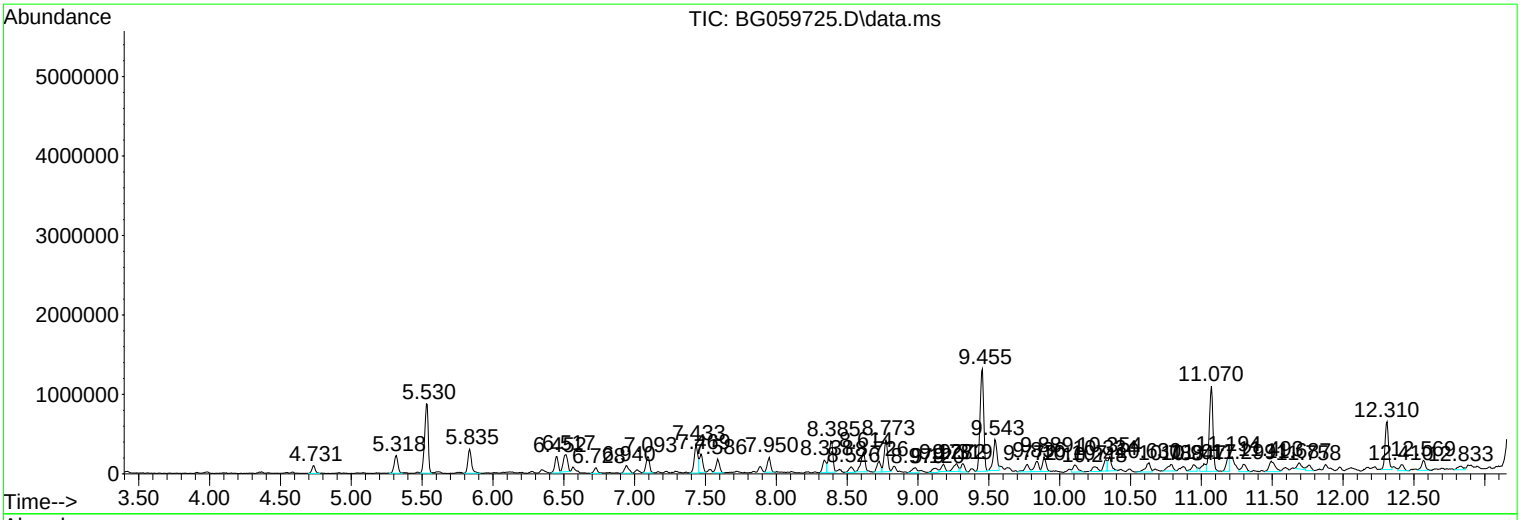
Sum of corrected areas: 57126264

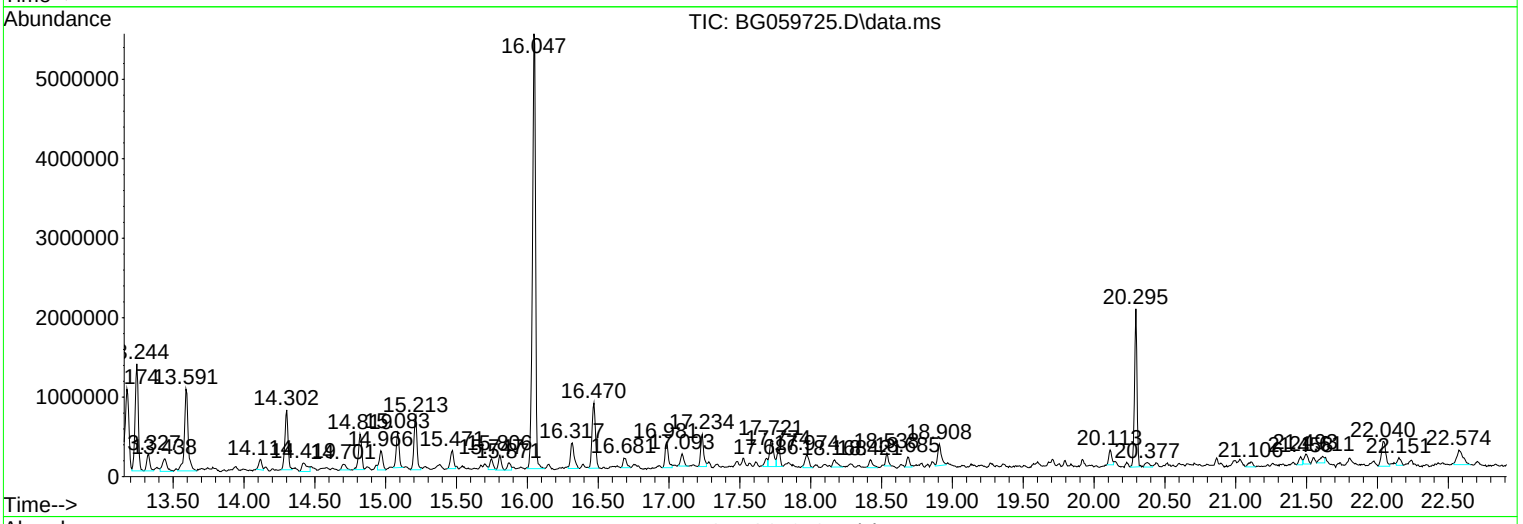
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

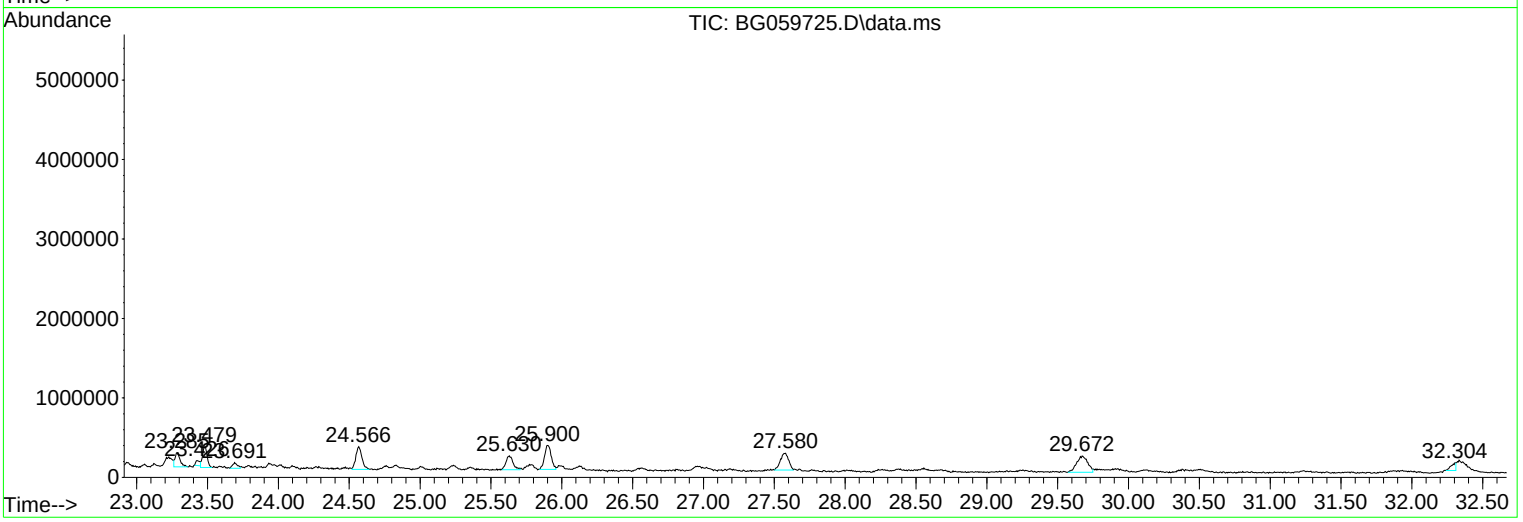
**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.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_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

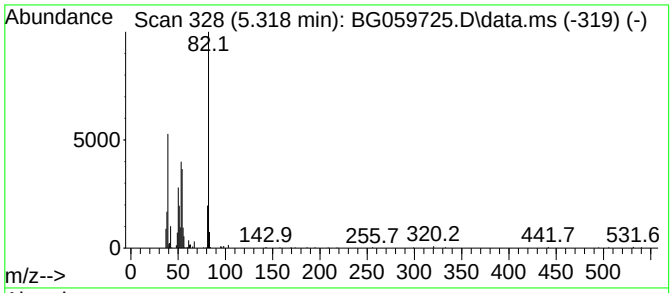
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

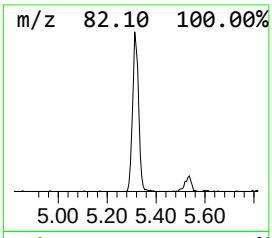
**********

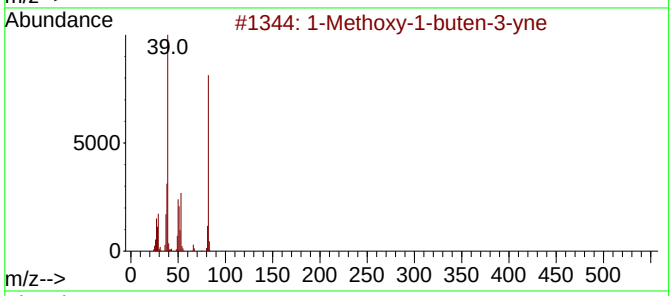
Peak Number 1 1-Methoxy-1-buten-3-yne Concentration Rank 18

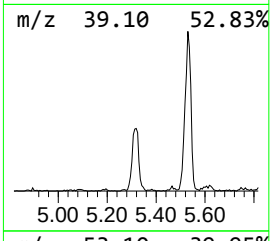
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.318 | 28.05 ng | 411189 | 1,4-Dichlorobenzene-d4 | 8.344 |

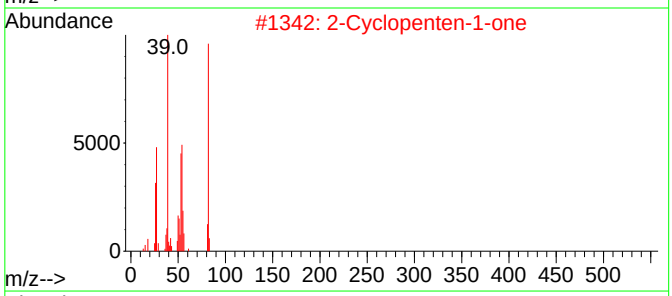
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methoxy-1-buten-3-yne | 82 | C5H6O | 002798-73-4 | 90 |
| 2 | 2-Cyclopenten-1-one | 82 | C5H6O | 000930-30-3 | 78 |
| 3 | Furan, 3-methyl- | 82 | C5H6O | 000930-27-8 | 59 |
| 4 | 2,5-Furandione, 3,4-dimethyl- | 126 | C6H6O3 | 000766-39-2 | 56 |
| 5 | 3-Cyclobutene-1,2-dione, 3,4-dim... | 110 | C6H6O2 | 001121-15-9 | 50 |

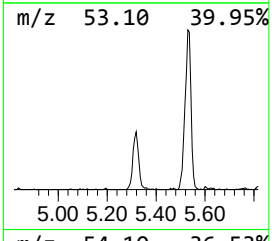


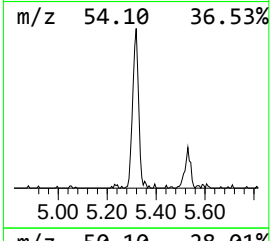



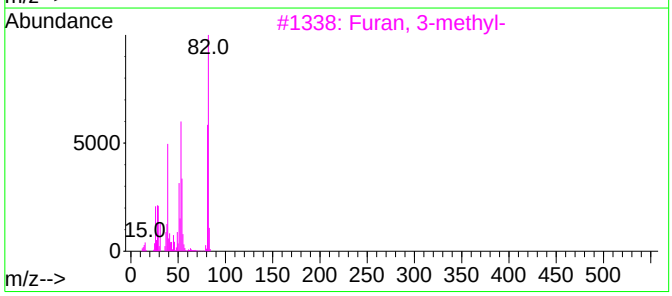



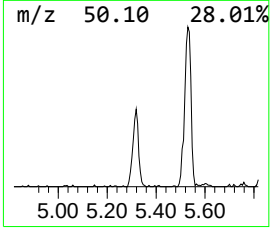



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

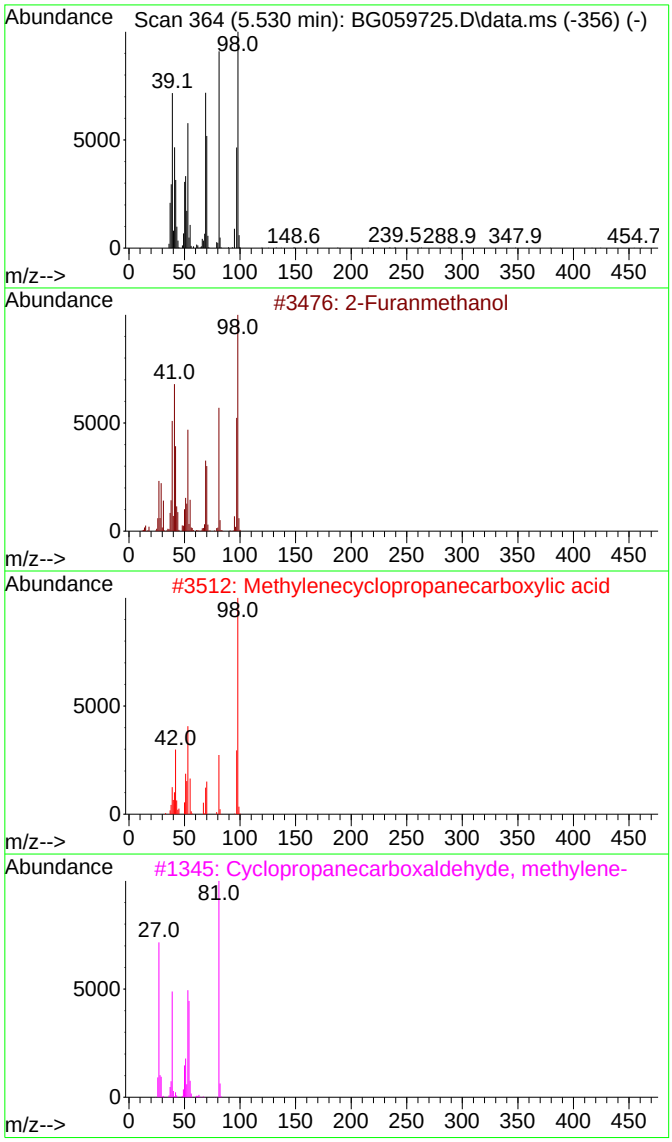
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

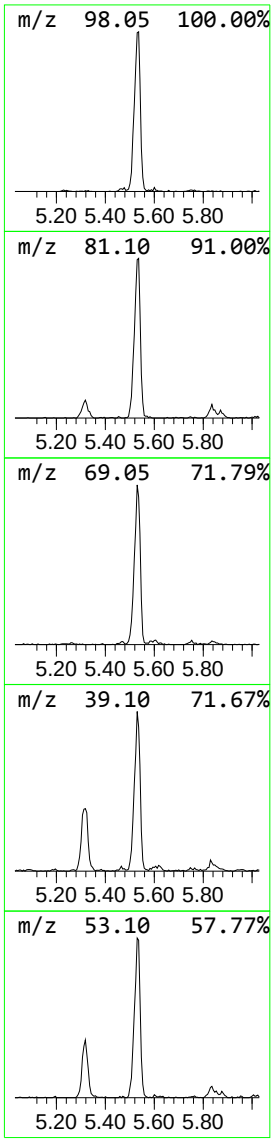
**********

Peak Number 2 2-Furanmethanol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.530 | 104.19 ng | 1527160 | 1,4-Dichlorobenzene-d4 | 8.344 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Furanmethanol | 98 | C5H6O2 | 000098-00-0 | 70 |
| 2 | Methylenecyclopropanecarboxylic ... | 98 | C5H6O2 | 062266-36-8 | 38 |
| 3 | Cyclopropanecarboxaldehyde, meth... | 82 | C5H6O | 142423-24-3 | 38 |
| 4 | 2-Butyn-1-ol | 70 | C4H6O | 000764-01-2 | 37 |
| 5 | Guanosine, 2'-deoxy-6-thio- | 283 | C10H13N5O3S | 000789-61-7 | 36 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

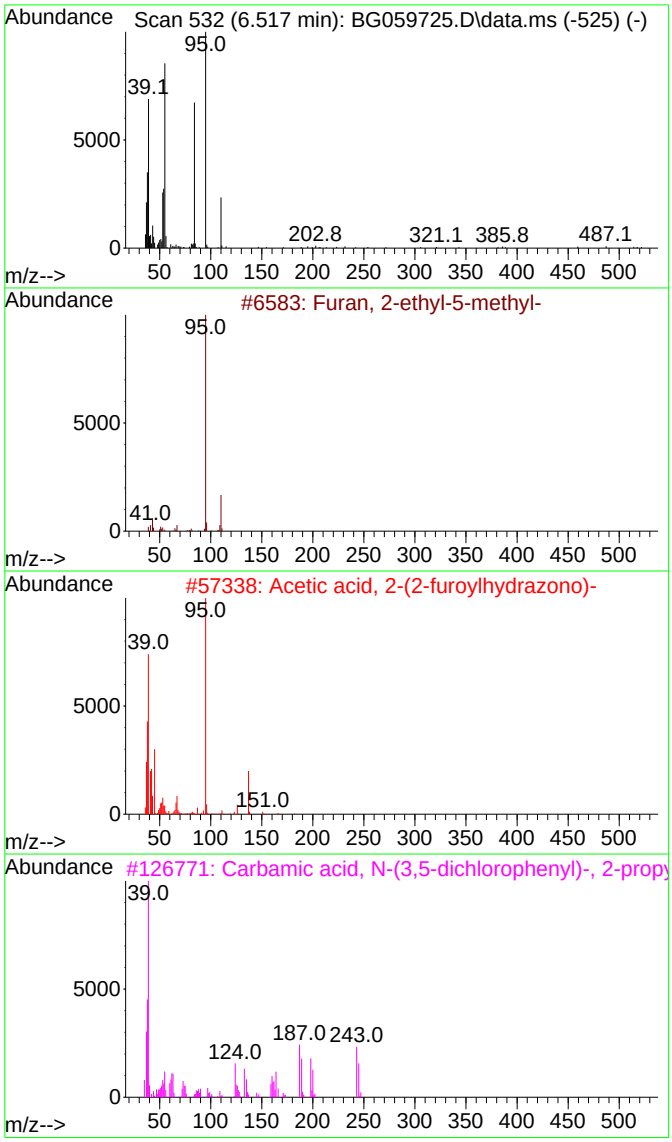
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

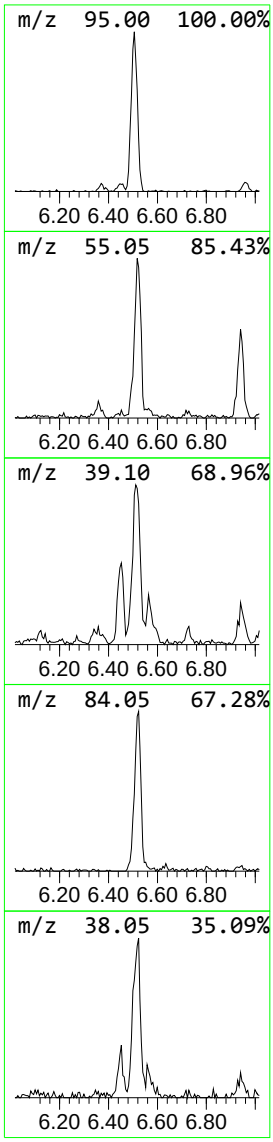
**********

Peak Number 3 unknown6.517 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.517 | 31.59 ng | 463070 | 1,4-Dichlorobenzene-d4 | 8.344 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Furan, 2-ethyl-5-methyl- | 110 | C7H10O | 001703-52-2 | 43 |
| 2 | Acetic acid, 2-(2-furoylhydrazono)- | 182 | C7H6N2O4 | 139397-87-8 | 36 |
| 3 | Carbamic acid, N-(3,5-dichloroph... | 243 | C10H7Cl2NO2 | 025216-52-8 | 35 |
| 4 | 2(5H)-Furanone | 84 | C4H4O2 | 000497-23-4 | 25 |
| 5 | Cyclopropene | 40 | C3H4 | 002781-85-3 | 25 |



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Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

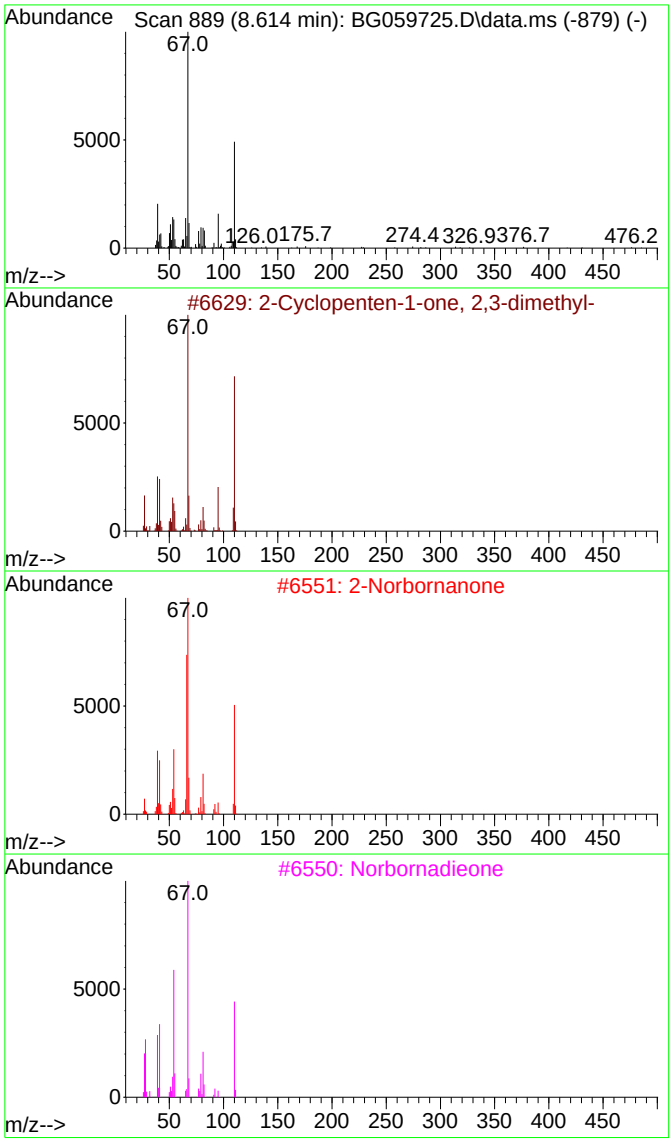
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

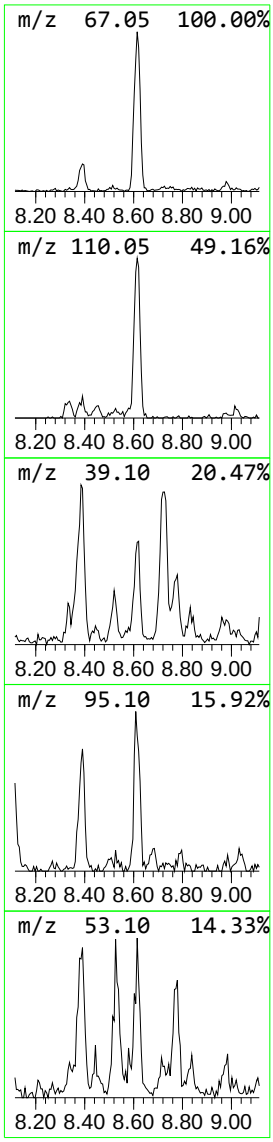
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.614 | 35.13 ng | 514849 | 1,4-Dichlorobenzene-d4 | 8.344 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Cyclopenten-1-one, 2,3-dimethyl- | 110 | C7H10O | 001121-05-7 | 87 |
| 2 | 2-Norbornanone | 110 | C7H10O | 000497-38-1 | 72 |
| 3 | Norbornadieone | 110 | C7H10O | 010218-02-7 | 72 |
| 4 | 1,4-Pentadiene, 2-methyl- | 82 | C6H10 | 000763-30-4 | 49 |
| 5 | 1,4-Pentadiene, 3-methyl- | 82 | C6H10 | 001115-08-8 | 49 |



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Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

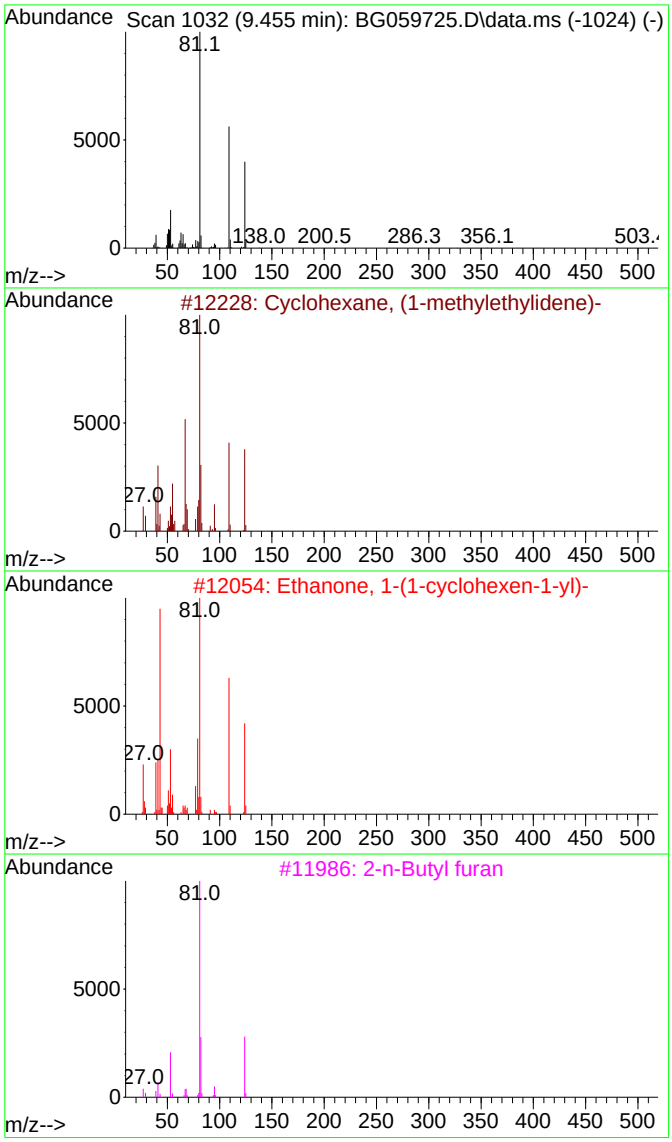
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

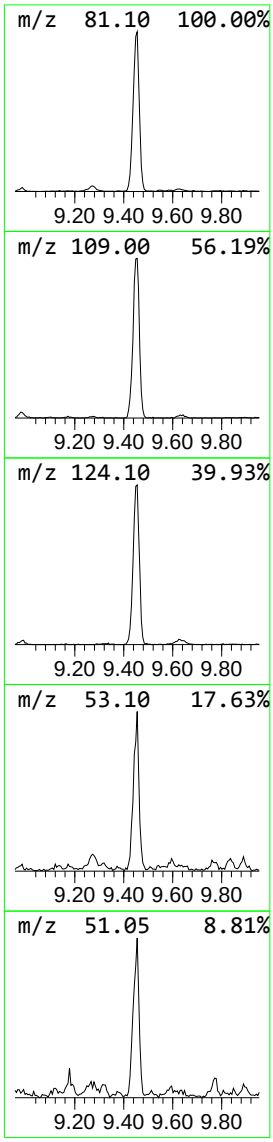
**********

Peak Number 5 Cyclohexane, (1-methylethyl... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.455 | 156.28 ng | 2290540 | 1,4-Dichlorobenzene-d4 | 8.344 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (1-methylethylidene)- | 124 | C9H16 | 005749-72-4 | 74 |
| 2 | Ethanone, 1-(1-cyclohexen-1-yl)- | 124 | C8H12O | 000932-66-1 | 59 |
| 3 | 2-n-Butyl furan | 124 | C8H12O | 004466-24-4 | 53 |
| 4 | Mequinol | 124 | C7H8O2 | 000150-76-5 | 46 |
| 5 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 46 |



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Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

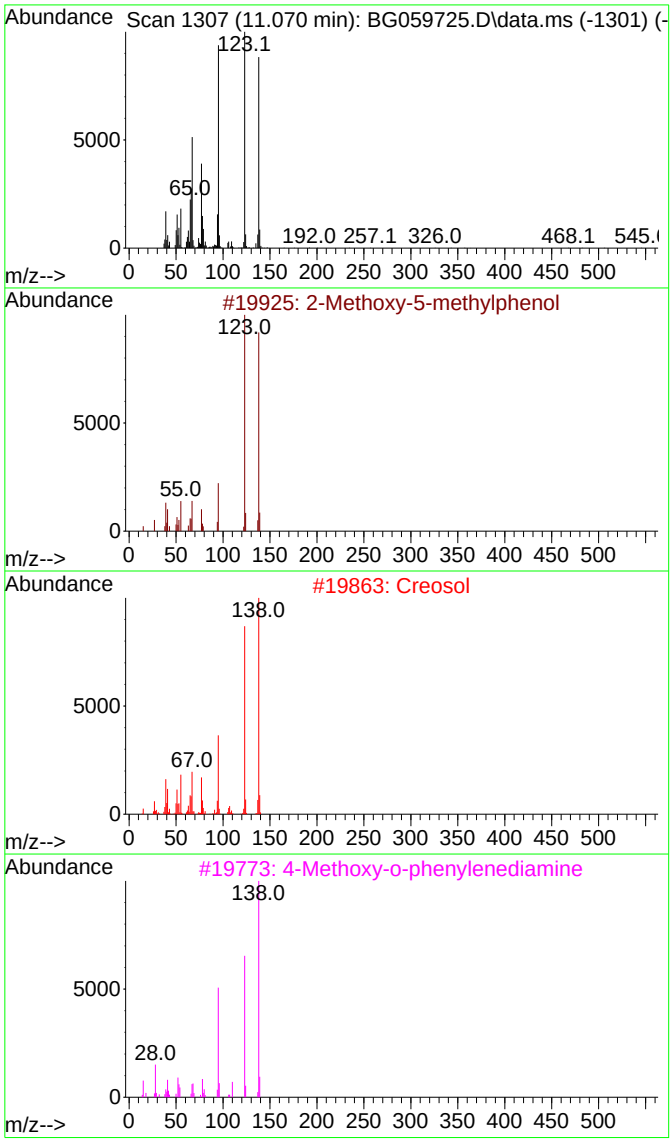
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

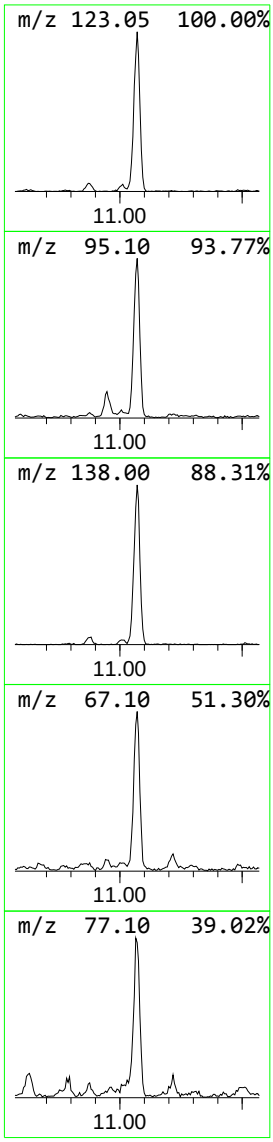
**********

Peak Number 6 2-Methoxy-5-methylphenol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.070 | 118.39 ng | 1887340 | Naphthalene-d8 | 11.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methoxy-5-methylphenol | 138 | C8H10O2 | 001195-09-1 | 90 |
| 2 | Creosol | 138 | C8H10O2 | 000093-51-6 | 74 |
| 3 | 4-Methoxy-o-phenylenediamine | 138 | C7H10N2O | 000102-51-2 | 49 |
| 4 | 4-Acetyl-1-methylcyclohexene | 138 | C9H14O | 006090-09-1 | 49 |
| 5 | 2-Methoxy-p-phenylenediamine | 138 | C7H10N2O | 1000237-93-1 | 43 |



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Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

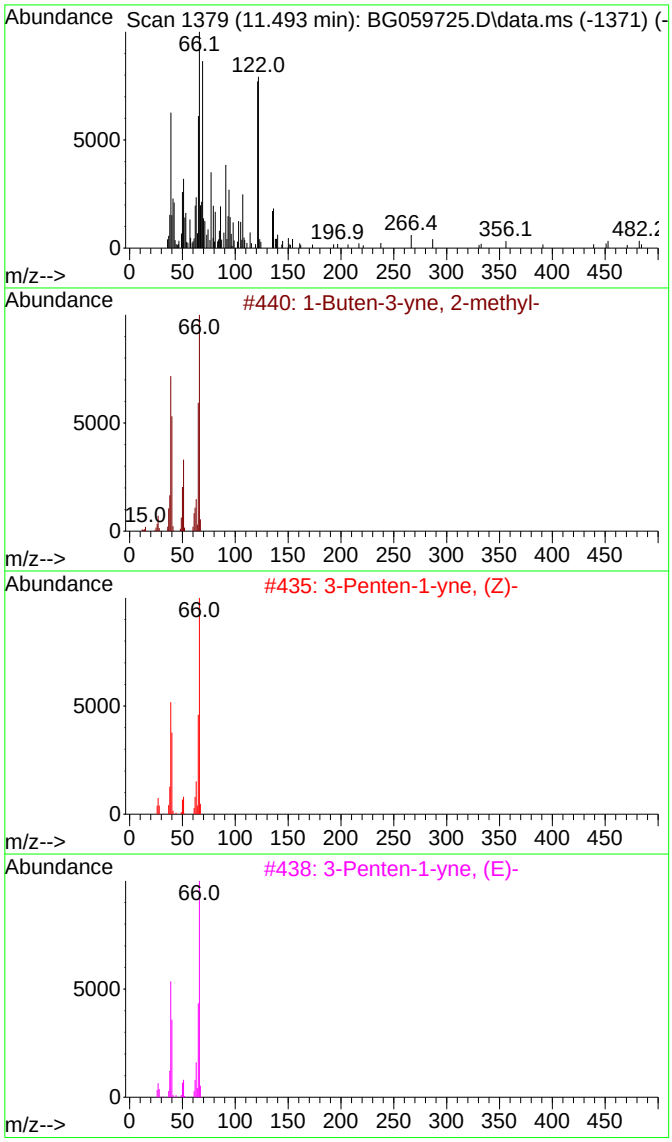
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

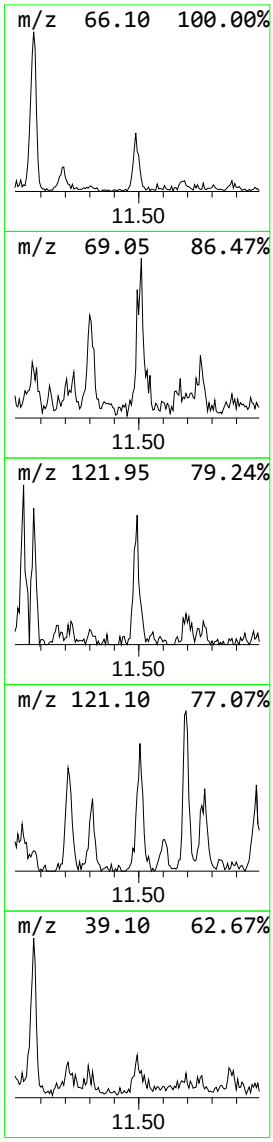
**********

Peak Number 7 unknown11.493 Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.493 | 24.75 ng | 394598 | Naphthalene-d8 | 11.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Buten-3-yne, 2-methyl- | 66 | C5H6 | 000078-80-8 | 49 |
| 2 | 3-Penten-1-yne, (Z)- | 66 | C5H6 | 001574-40-9 | 46 |
| 3 | 3-Penten-1-yne, (E)- | 66 | C5H6 | 002004-69-5 | 46 |
| 4 | 1(2H)-Pentalenone, 3,3a,4,6a-tet... | 122 | C8H10O | 056138-05-7 | 43 |
| 5 | Cyclopropylacetylene | 66 | C5H6 | 006746-94-7 | 43 |



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Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

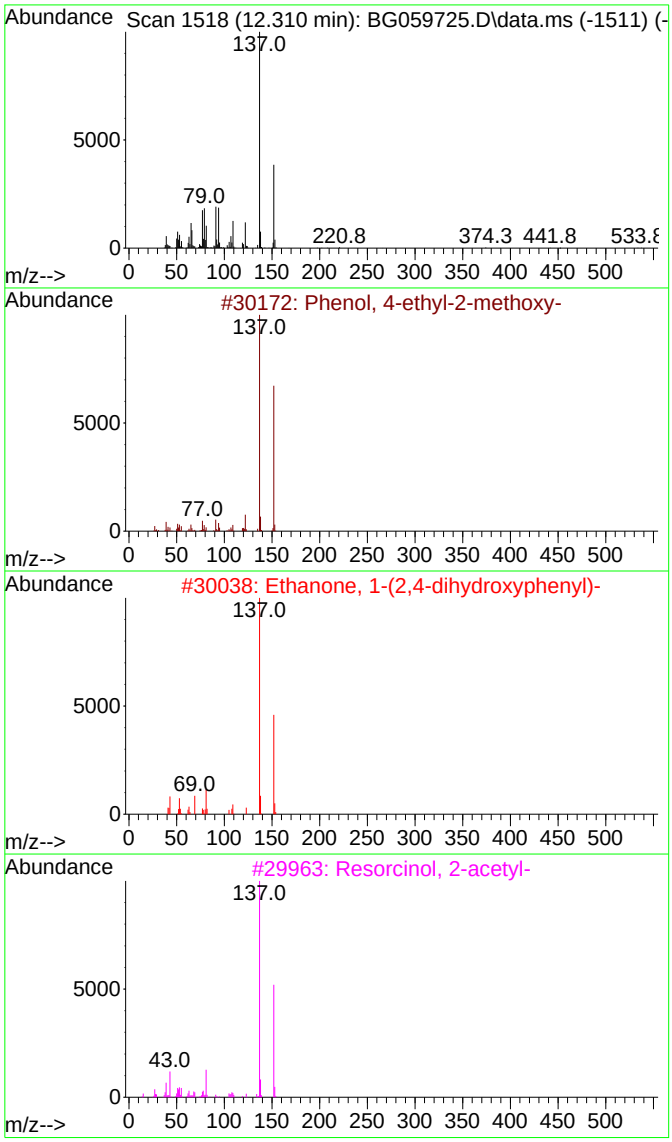
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

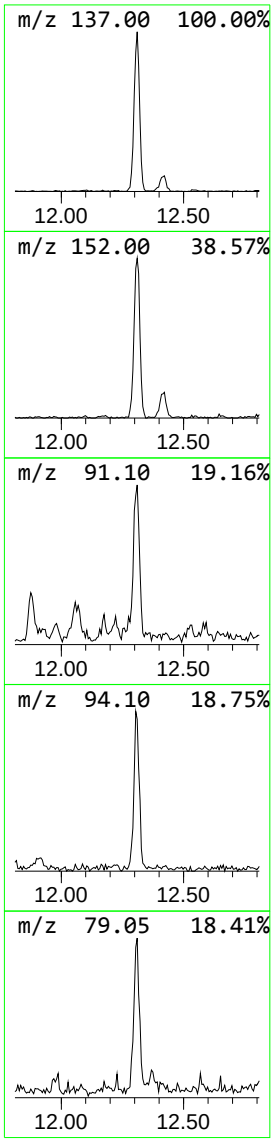
**********

Peak Number 8 Phenol, 4-ethyl-2-methoxy- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.310 | 62.98 ng | 1003990 | Naphthalene-d8 | 11.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-ethyl-2-methoxy- | 152 | C9H12O2 | 002785-89-9 | 90 |
| 2 | Ethanone, 1-(2,4-dihydroxyphenyl)- | 152 | C8H8O3 | 000089-84-9 | 74 |
| 3 | Resorcinol, 2-acetyl- | 152 | C8H8O3 | 000699-83-2 | 72 |
| 4 | 1-(2,3-Dihydroxyphenyl)ethanone | 152 | C8H8O3 | 1000434-39-0 | 72 |
| 5 | O-Methoxy-.alpha.-methylbenzyl a... | 152 | C9H12O2 | 013513-82-1 | 72 |



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Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

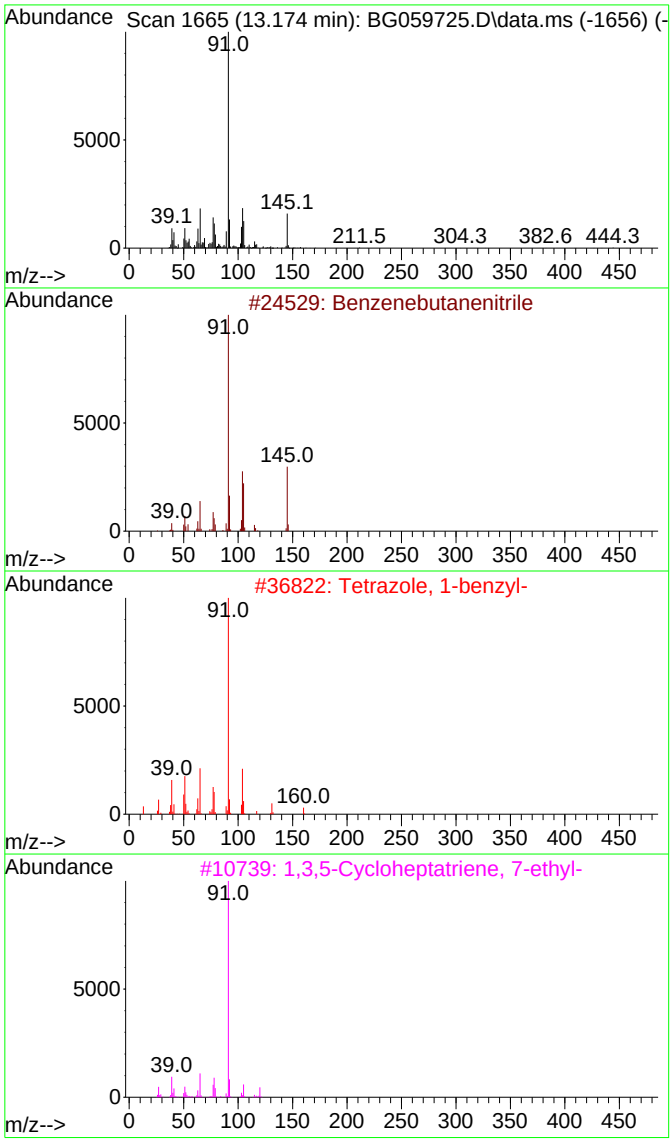
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

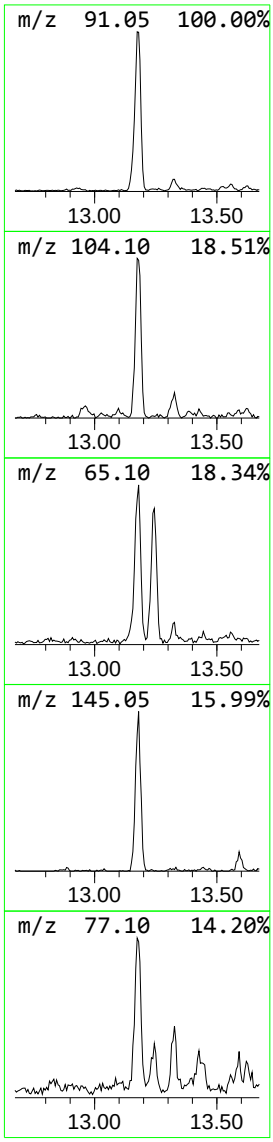
**********

Peak Number 9 Benzenebutanenitrile Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.174 | 98.88 ng | 1985810 | Acenaphthene-d10 | 14.966 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenebutanenitrile | 145 | C10H11N | 002046-18-6 | 72 |
| 2 | Tetrazole, 1-benzyl- | 160 | C8H8N4 | 006926-50-7 | 53 |
| 3 | 1,3,5-Cycloheptatriene, 7-ethyl- | 120 | C9H12 | 017634-51-4 | 50 |
| 4 | Cyclopropylphenylmethane | 132 | C10H12 | 001667-00-1 | 50 |
| 5 | N-(Benzyloxy)-2,2,2-trifluoroace... | 219 | C9H8F3NO2 | 174075-91-3 | 46 |



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Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

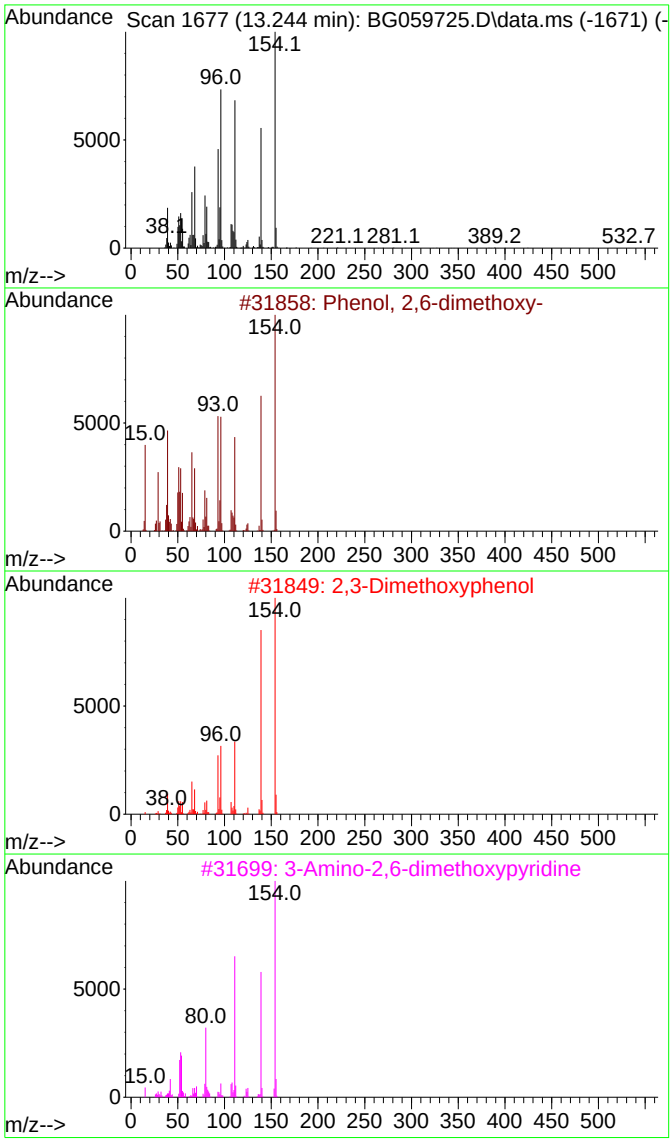
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

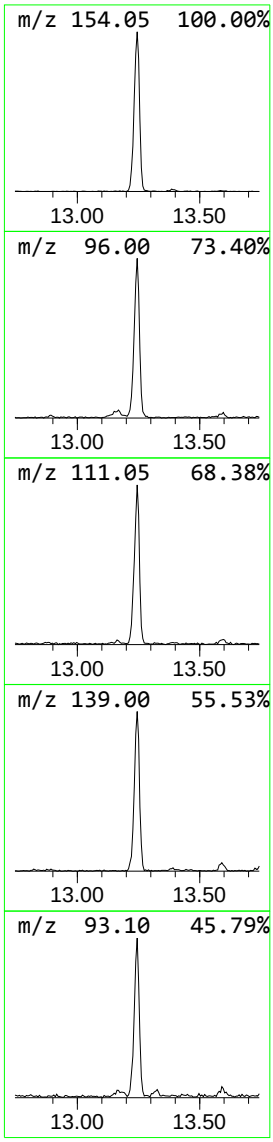
**********

Peak Number 10 Phenol, 2,6-dimethoxy- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.244 | 102.80 ng | 2064440 | Acenaphthene-d10 | 14.966 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-dimethoxy- | 154 | C8H10O3 | 000091-10-1 | 81 |
| 2 | 2,3-Dimethoxyphenol | 154 | C8H10O3 | 005150-42-5 | 64 |
| 3 | 3-Amino-2,6-dimethoxypyridine | 154 | C7H10N2O2 | 028020-37-3 | 49 |
| 4 | 2(3H)-Furanone, 3-(dihydro-2(3H)... | 154 | C8H10O3 | 055164-40-4 | 43 |
| 5 | Phenol, 3-methyl-4-(methylthio)- | 154 | C8H10OS | 003120-74-9 | 38 |



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Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

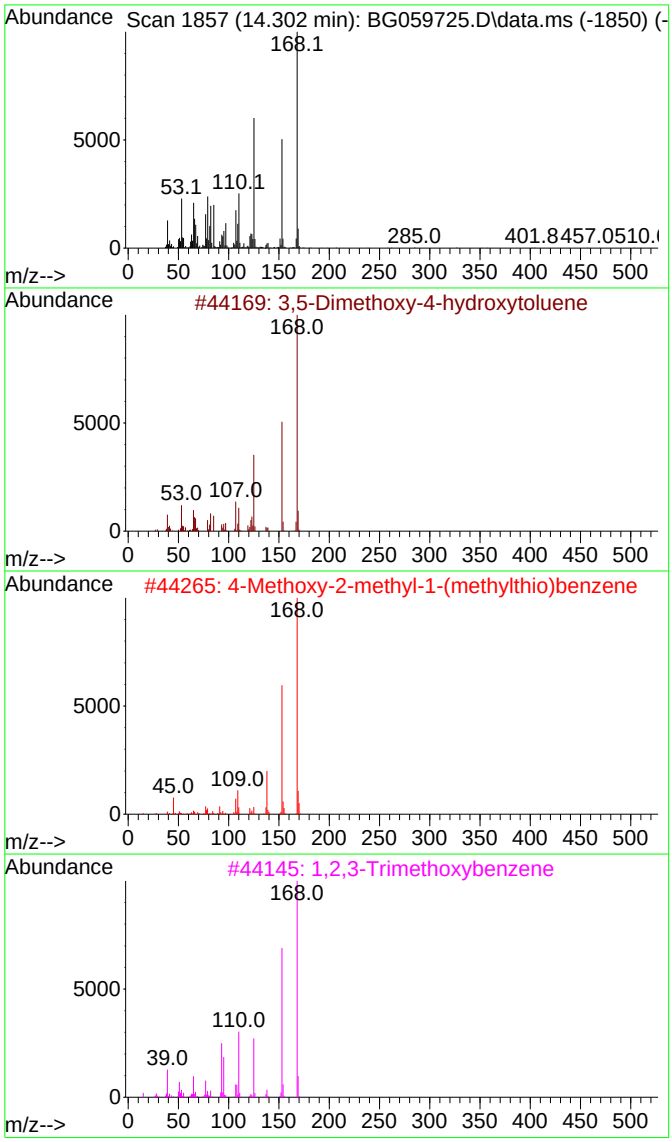
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

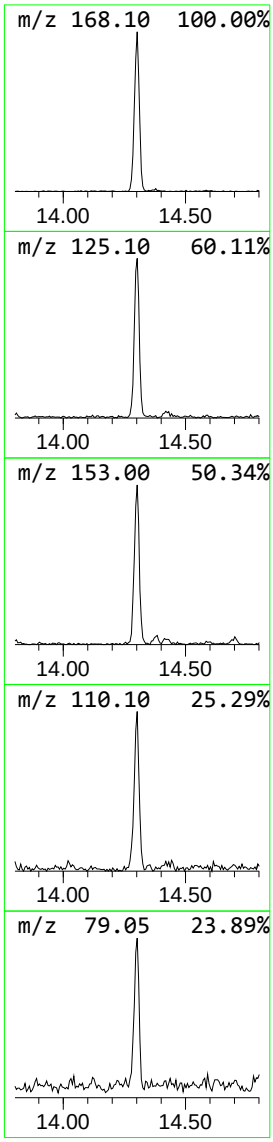
**********

Peak Number 11 unknown14.302 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.302 | 57.50 ng | 1154690 | Acenaphthene-d10 | 14.966 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,5-Dimethoxy-4-hydroxytoluene | 168 | C9H12O3 | 006638-05-7 | 49 |
| 2 | 4-Methoxy-2-methyl-1-(methylthio... | 168 | C9H12OS | 022583-04-6 | 43 |
| 3 | 1,2,3-Trimethoxybenzene | 168 | C9H12O3 | 000634-36-6 | 43 |
| 4 | Benzenamine, 2-methoxy-4-nitro- | 168 | C7H8N2O3 | 000097-52-9 | 38 |
| 5 | 2,5-Dimethoxybenzyl alcohol | 168 | C9H12O3 | 033524-31-1 | 38 |



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Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

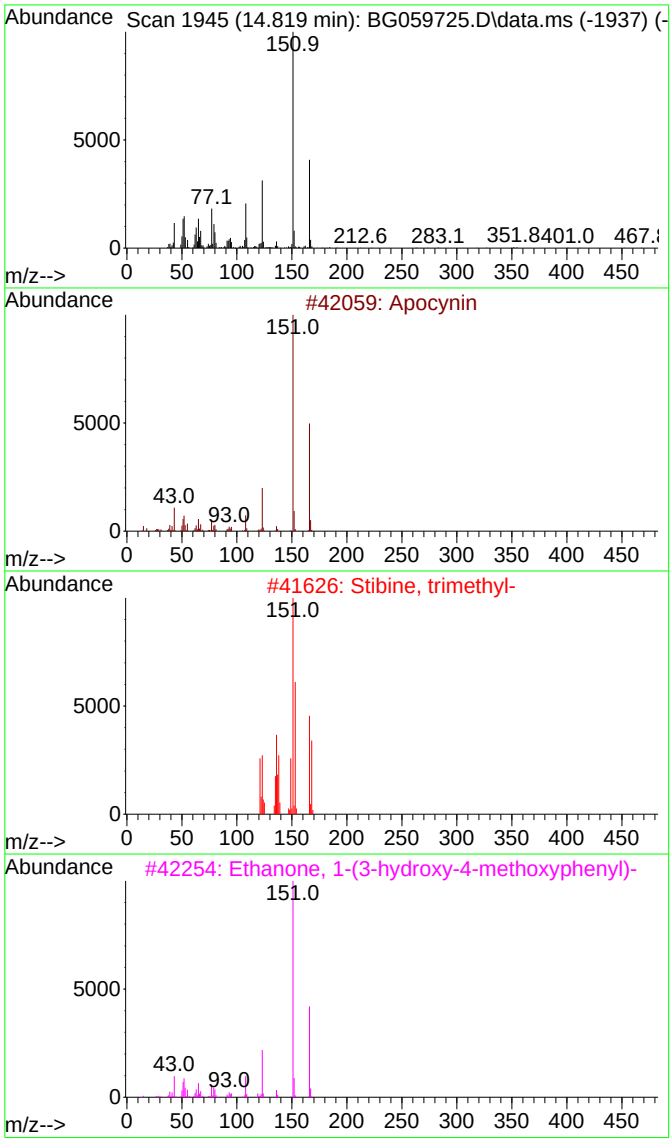
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

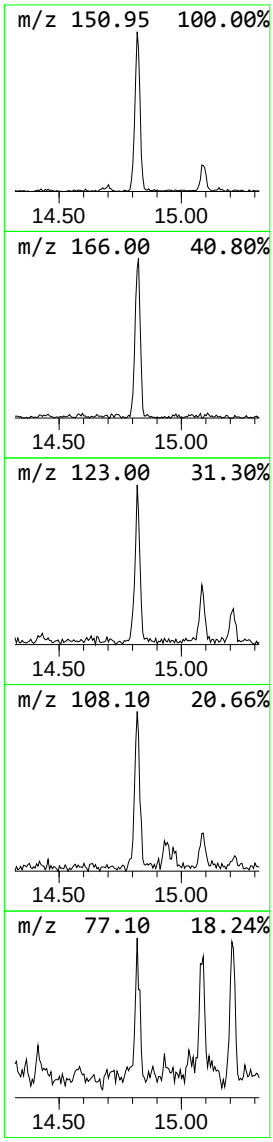
**********

Peak Number 12 Apocynin Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.819 | 35.31 ng | 709134 | Acenaphthene-d10 | 14.966 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Apocynin | 166 | C9H10O3 | 000498-02-2 | 91 |
| 2 | Stibine, trimethyl- | 166 | C3H9Sb | 000594-10-5 | 83 |
| 3 | Ethanone, 1-(3-hydroxy-4-methoxy... | 166 | C9H10O3 | 006100-74-9 | 72 |
| 4 | 1-(2-Hydroxy-3-methoxyphenyl)eth... | 166 | C9H10O3 | 1000434-39-1 | 64 |
| 5 | Ethanone, 1-(2-hydroxy-6-methoxy... | 166 | C9H10O3 | 000703-23-1 | 64 |



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Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

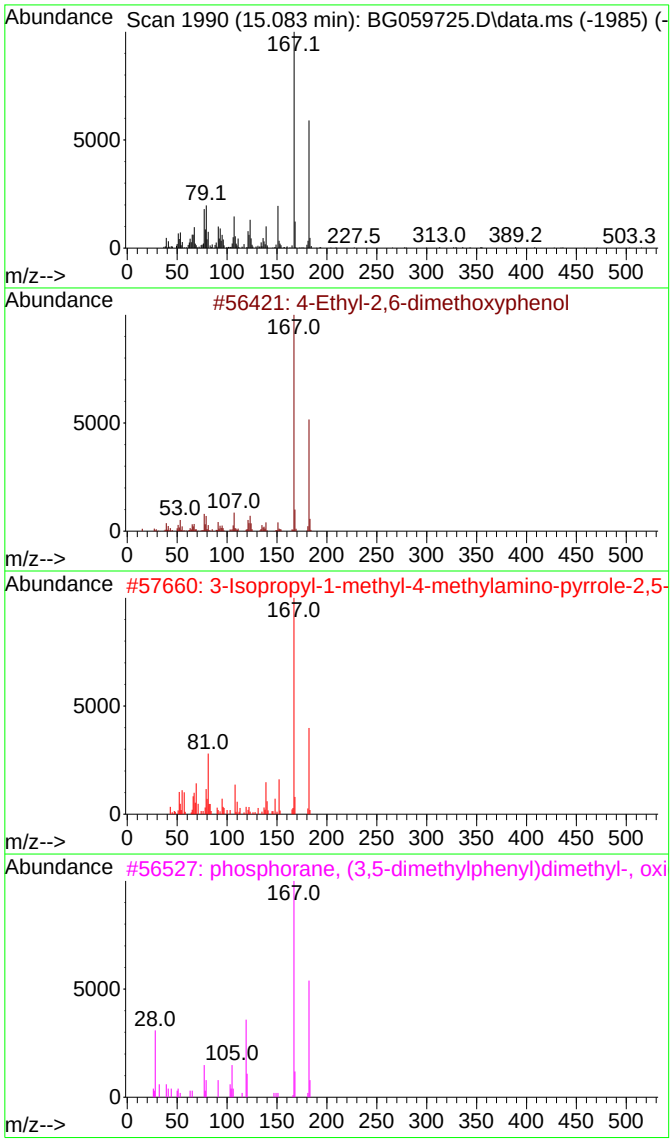
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

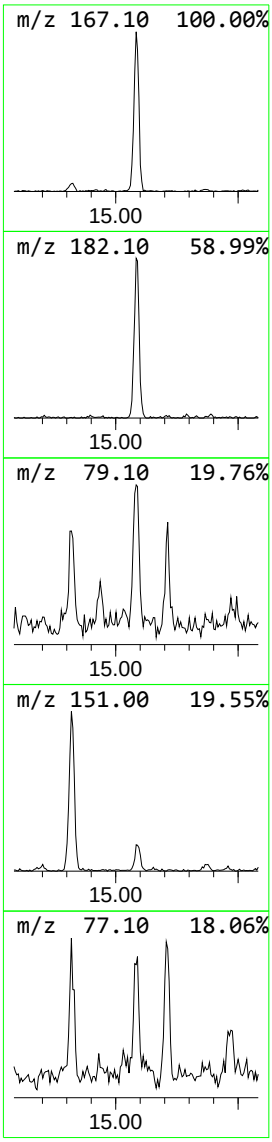
**********

Peak Number 13 4-Ethyl-2,6-dimethoxyphenol Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.083 | 31.65 ng | 635557 | Acenaphthene-d10 | 14.966 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Ethyl-2,6-dimethoxyphenol | 182 | C10H14O3 | 014059-92-8 | 76 |
| 2 | 3-Isopropyl-1-methyl-4-methylami... | 182 | C9H14N2O2 | 1000296-12-2 | 53 |
| 3 | phosphorane, (3,5-dimethylphenyl... | 182 | C10H15OP | 1000404-87-3 | 52 |
| 4 | Ethanone, 1-(2,6-dihydroxy-4-met... | 182 | C9H10O4 | 007507-89-3 | 50 |
| 5 | 2,5-Dimethoxybenzoic acid | 182 | C9H10O4 | 002785-98-0 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

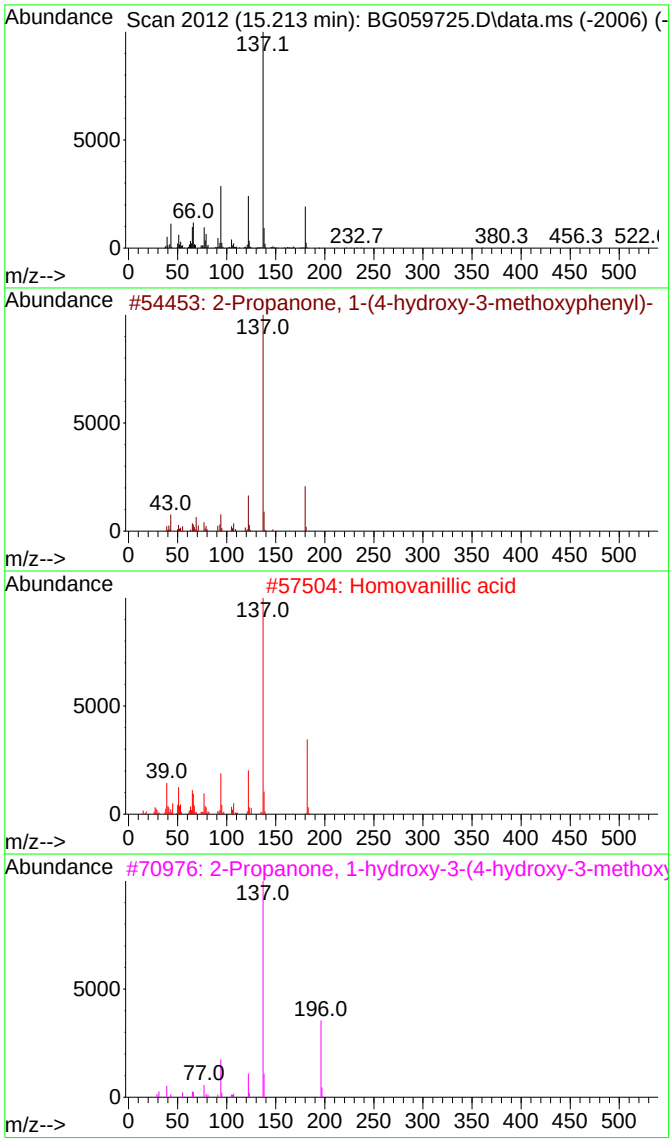
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

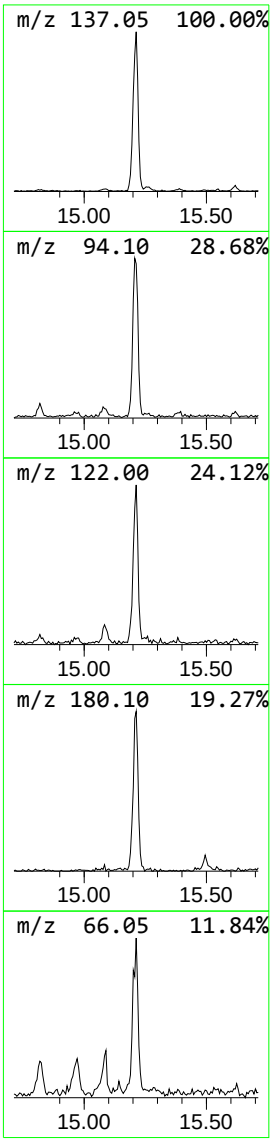
**********

Peak Number 14 2-Propanone, 1-(4-hydroxy-3... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.213 | 48.85 ng | 980999 | Acenaphthene-d10 | 14.966 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanone, 1-(4-hydroxy-3-meth... | 180 | C10H12O3 | 002503-46-0 | 86 |
| 2 | Homovanillic acid | 182 | C9H10O4 | 000306-08-1 | 64 |
| 3 | 2-Propanone, 1-hydroxy-3-(4-hydr... | 196 | C10H12O4 | 004899-74-5 | 59 |
| 4 | 1-(4-methylthiophenyl)-2-propanone | 180 | C10H12OS | 1000378-99-8 | 58 |
| 5 | Homovanillyl alcohol | 168 | C9H12O3 | 002380-78-1 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

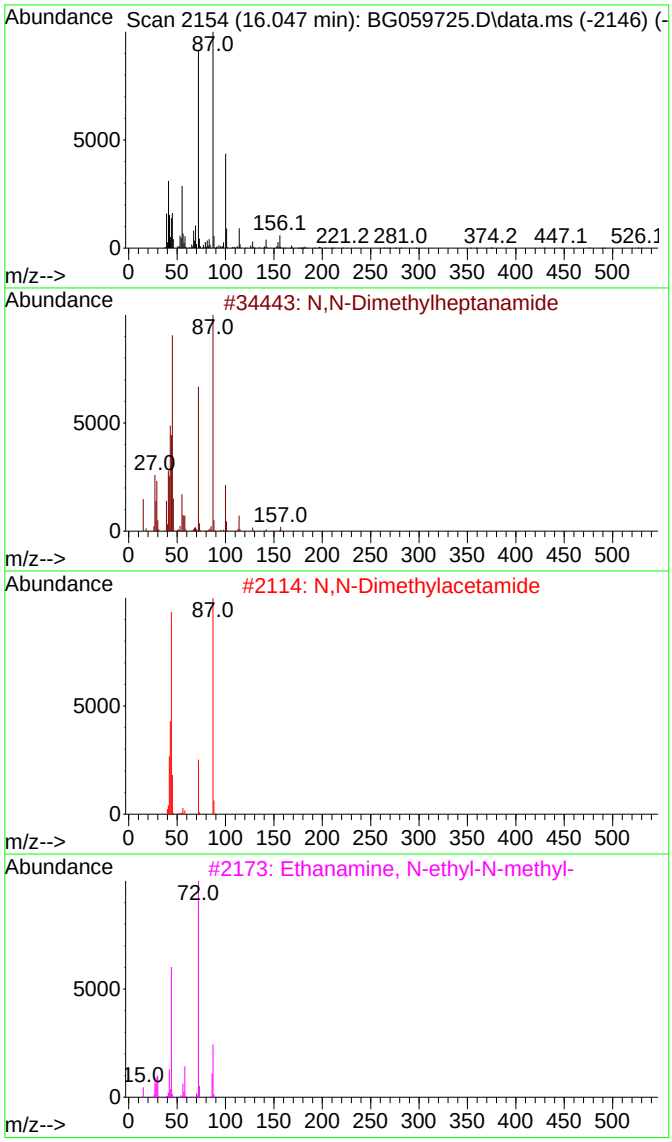
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

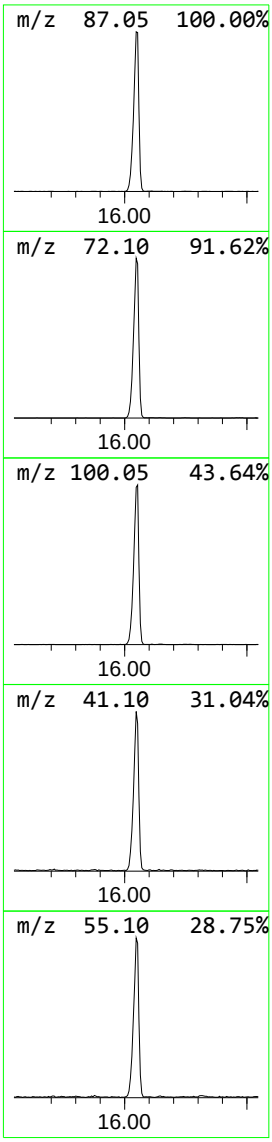
**********

Peak Number 15 N,N-Dimethylheptanamide Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.047 | 413.94 ng | 8312980 | Acenaphthene-d10 | 14.966 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N,N-Dimethylheptanamide | 157 | C9H19NO | 001115-96-4 | 56 |
| 2 | N,N-Dimethylacetamide | 87 | C4H9NO | 000127-19-5 | 53 |
| 3 | Ethanamine, N-ethyl-N-methyl- | 87 | C5H13N | 000616-39-7 | 50 |
| 4 | 4-Methylheptanamide, N,N-dimethyl- | 171 | C10H21NO | 1000139-77-1 | 47 |
| 5 | Isooctanamide, N,N-dimethyl- | 171 | C10H21NO | 1000139-76-9 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

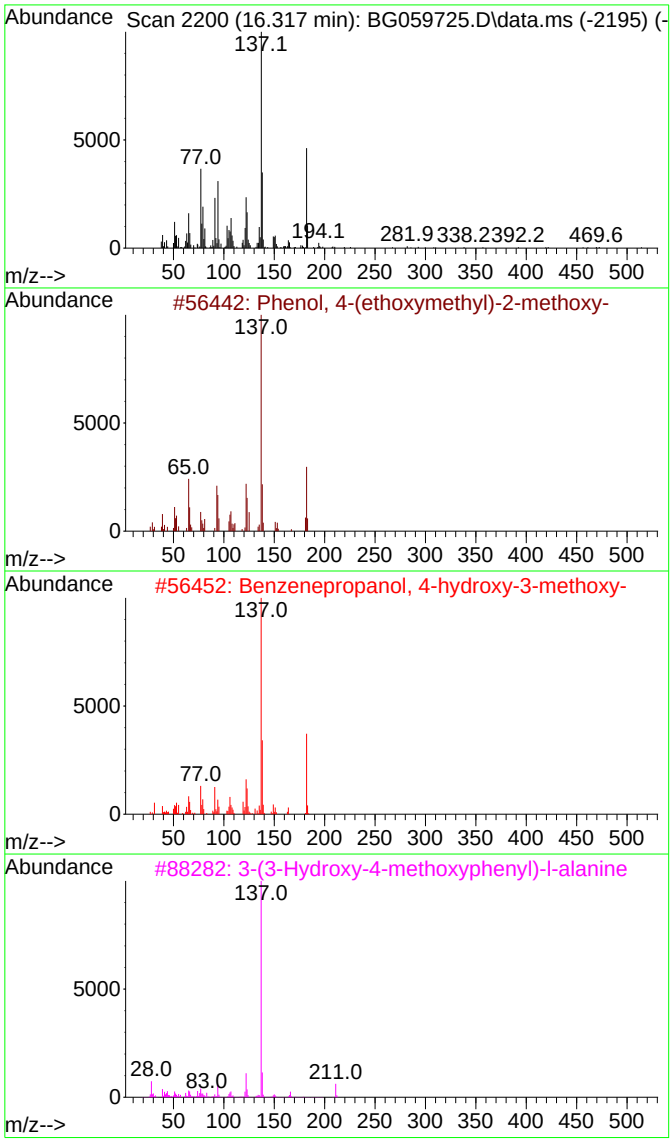
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

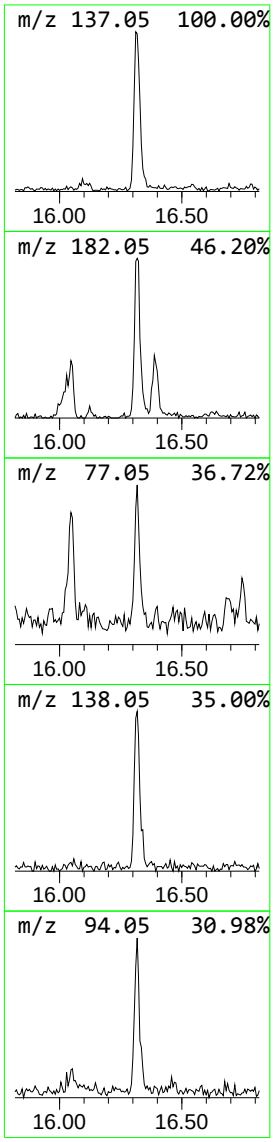
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Phenol, 4-(ethoxymethyl)-2-... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.317 | 29.40 ng | 590509 | Acenaphthene-d10 | 14.966 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-(ethoxymethyl)-2-methoxy- | 182 | C10H14O3 | 013184-86-6 | 87 |
| 2 | Benzenepropanol, 4-hydroxy-3-met... | 182 | C10H14O3 | 002305-13-7 | 83 |
| 3 | 3-(3-Hydroxy-4-methoxyphenyl)-l-... | 211 | C10H13NO4 | 1000103-80-4 | 50 |
| 4 | Homovanillic acid | 182 | C9H10O4 | 000306-08-1 | 50 |
| 5 | Ethyl 3,4-dihydroxybenzoate | 182 | C9H10O4 | 003943-89-3 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

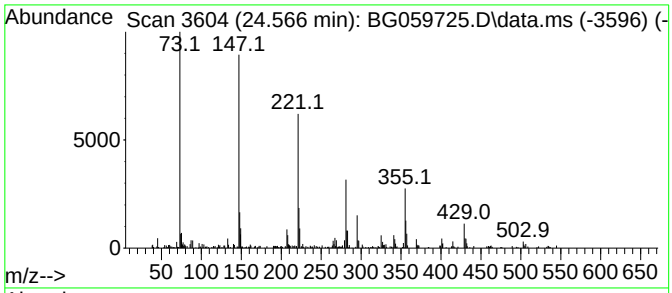
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

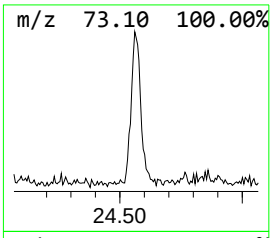
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

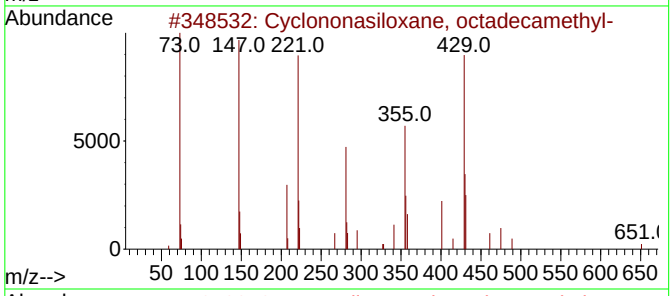
**********
Peak Number 17 Cyclononasiloxane, octadeca... Concentration Rank 19

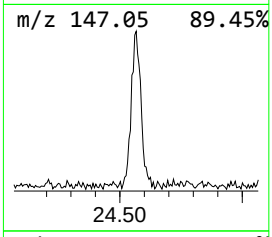
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.566 | 27.64 ng | 838907 | Perylene-d12 | 25.636 |

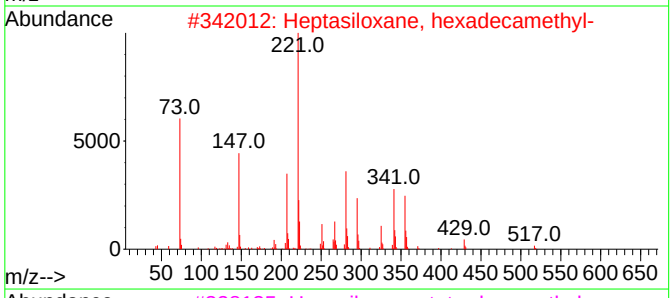
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclononasiloxane, octadecamethyl- | 666 | C18H54O9Si9 | 000556-71-8 | 87 |
| 2 | Heptasiloxane, hexadecamethyl- | 532 | C16H48O6Si7 | 000541-01-5 | 72 |
| 3 | Hexasiloxane, tetradecamethyl- | 458 | C14H42O5Si6 | 000107-52-8 | 64 |
| 4 | Pentasiloxane, dodecamethyl- | 384 | C12H36O4Si5 | 000141-63-9 | 43 |
| 5 | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO | 015089-22-2 | 37 |

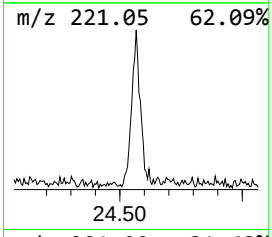


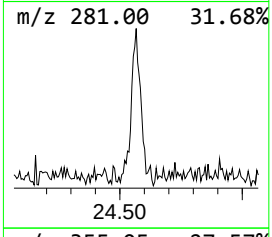



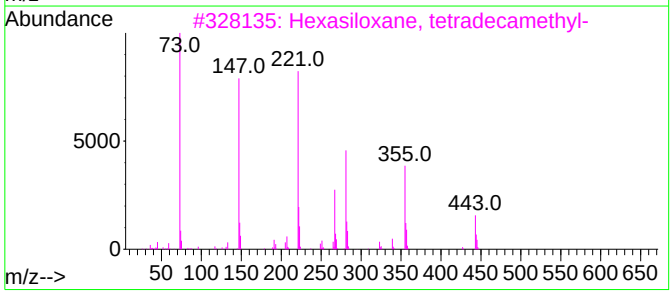



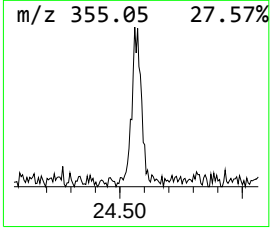



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

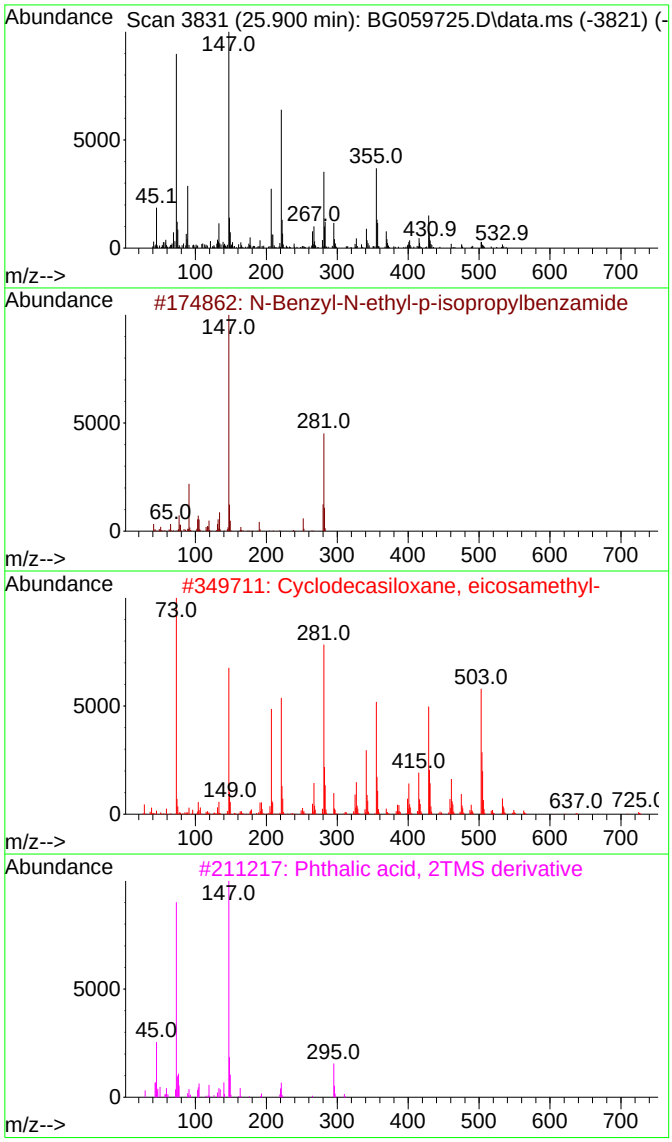
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

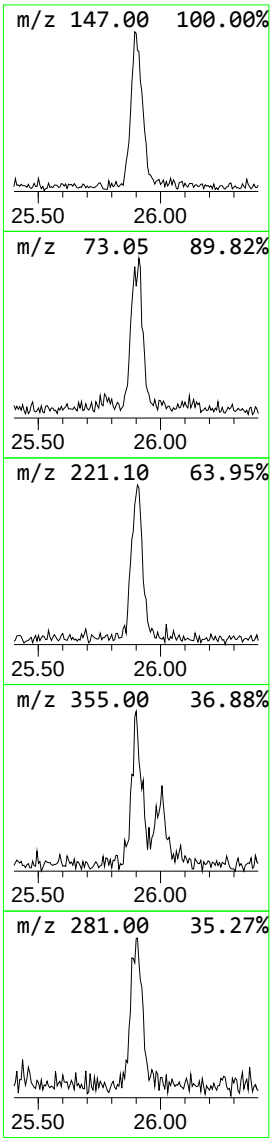
**********

Peak Number 18 unknown25.900 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.900 | 32.78 ng | 994921 | Perylene-d12 | 25.636 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO | 015089-22-2 | 43 |
| 2 | Cyclodecasiloxane, eicosamethyl- | 740 | C20H60O10Si10 | 018772-36-6 | 38 |
| 3 | Phthalic acid, 2TMS derivative | 310 | C14H22O4Si2 | 002078-22-0 | 35 |
| 4 | (Thiophen-2-ylformamido)olate, 2... | 287 | C11H21NO2SSi2 | 1000485-22-1 | 30 |
| 5 | 1,3-Dimethyl-5-pentamethyldisily... | 258 | C13H30OSi2 | 1000216-94-7 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

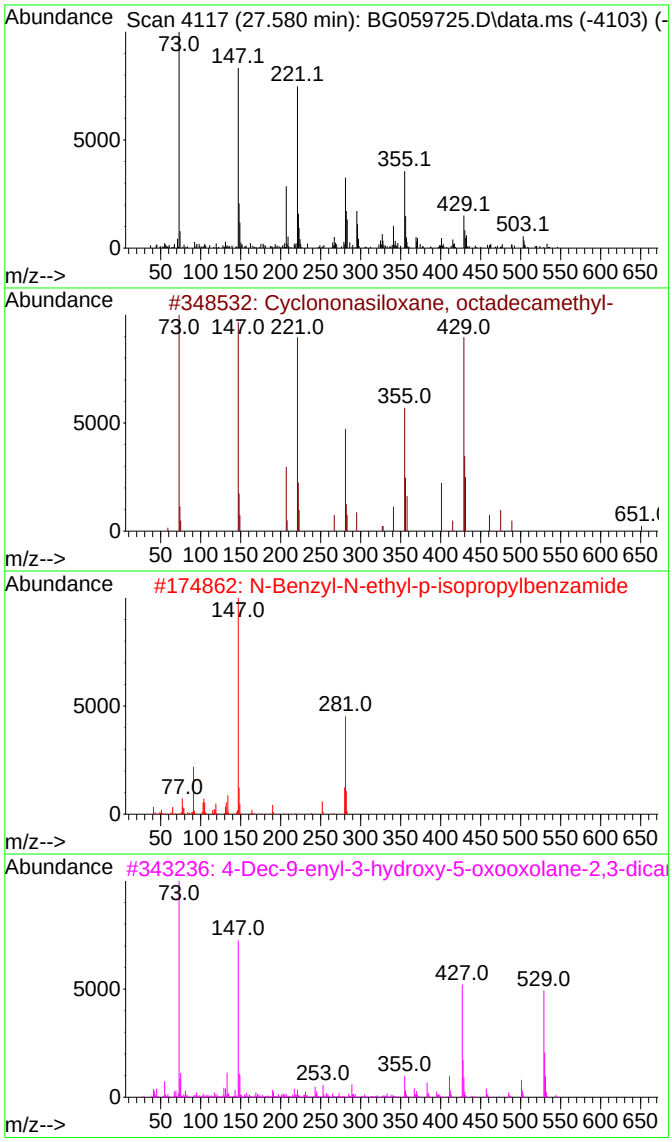
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

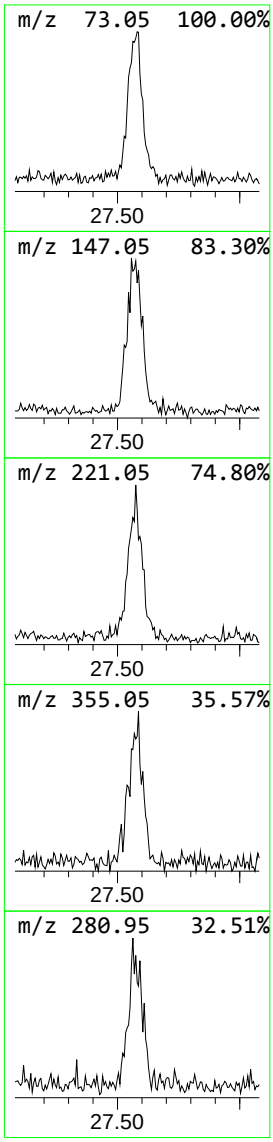
**********

Peak Number 19 unknown27.580 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.580 | 28.49 ng | 864627 | Perylene-d12 | 25.636 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclononasiloxane, octadecamethyl- | 666 | C18H54O9Si9 | 000556-71-8 | 80 |
| 2 | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO | 015089-22-2 | 27 |
| 3 | 4-Dec-9-enyl-3-hydroxy-5-oxooxol... | 544 | C25H48O7Si3 | 1000506-08-8 | 27 |
| 4 | Bis(4-tert-butyldimethylsiloxy)b... | 458 | C26H42O3Si2 | 1000431-17-0 | 25 |
| 5 | 1H-Naphtho[2,1-b]pyran-2-carboni... | 388 | C23H20N2O4 | 299198-80-4 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

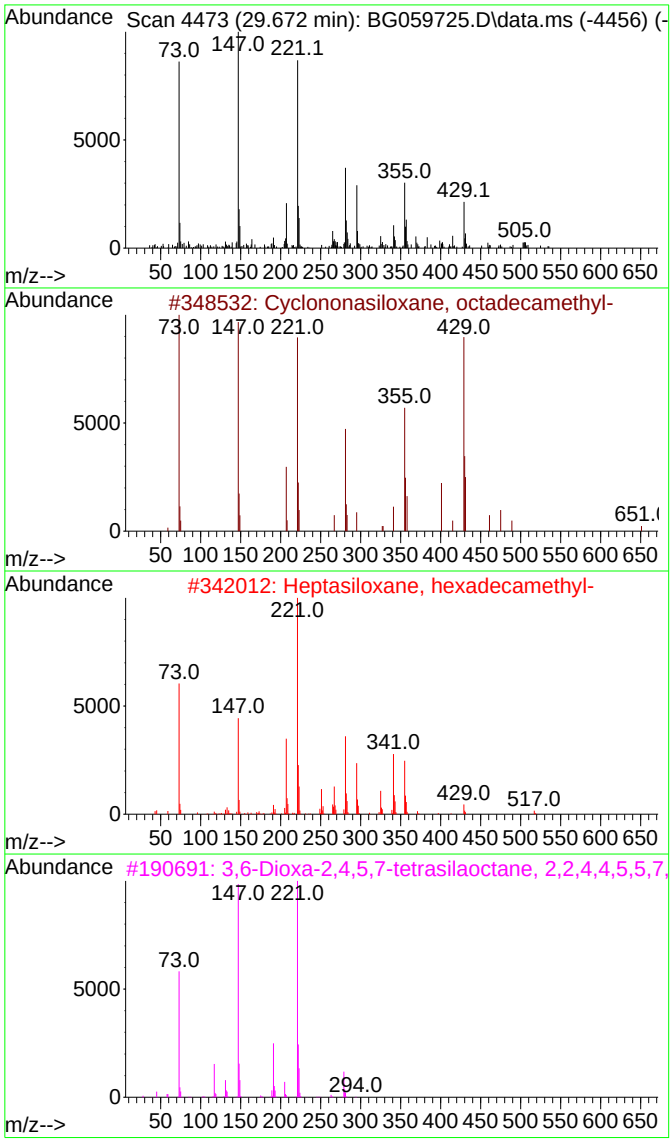
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

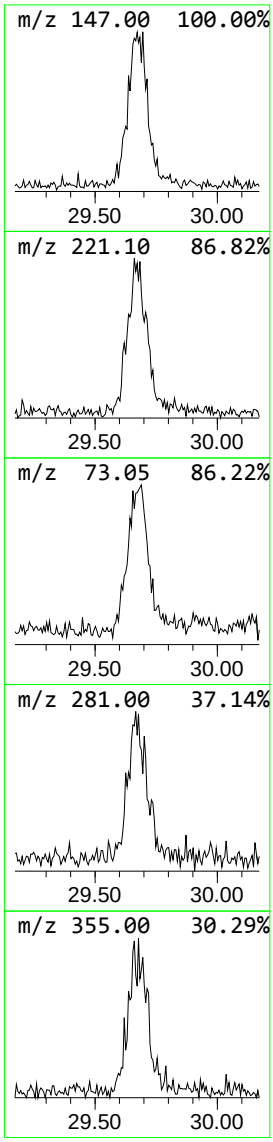
**********

Peak Number 20 unknown29.672 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 29.672 | 37.17 ng | 1128180 | Perylene-d12 | 25.636 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclononasiloxane, octadecamethyl- | 666 | C18H54O9Si9 | 000556-71-8 | 59 |
| 2 | Heptasiloxane, hexadecamethyl- | 532 | C16H48O6Si7 | 000541-01-5 | 47 |
| 3 | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4 | 004342-25-0 | 40 |
| 4 | 4-Hydroxybenzyl alcohol, 2TBDMS ... | 352 | C19H36O2Si2 | 1000364-43-9 | 25 |
| 5 | Pentasiloxane, dodecamethyl- | 384 | C12H36O4Si5 | 000141-63-9 | 22 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059725.D
Acq On : 16 Nov 2023 19:36
Operator : MA/JU
Sample : 05415-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
RD-SW-01-20231103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.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 |
| 1-Methoxy-1-but... | 5.318 | 28.1 | ng | 411189 | 1 | 8.344 | 293140 | 20.0 |
| 2-Furanmethanol | 5.530 | 104.2 | ng | 1527160 | 1 | 8.344 | 293140 | 20.0 |
| unknown6.517 | 6.517 | 31.6 | ng | 463070 | 1 | 8.344 | 293140 | 20.0 |
| 2-Cyclopenten-1... | 8.614 | 35.1 | ng | 514849 | 1 | 8.344 | 293140 | 20.0 |
| Cyclohexane, (1... | 9.455 | 156.3 | ng | 2290540 | 1 | 8.344 | 293140 | 20.0 |
| 2-Methoxy-5-met... | 11.070 | 118.4 | ng | 1887340 | 2 | 11.188 | 318833 | 20.0 |
| unknown11.493 | 11.493 | 24.8 | ng | 394598 | 2 | 11.188 | 318833 | 20.0 |
| Phenol, 4-ethyl... | 12.310 | 63.0 | ng | 1003990 | 2 | 11.188 | 318833 | 20.0 |
| Benzenebutaneni... | 13.174 | 98.9 | ng | 1985810 | 3 | 14.966 | 401655 | 20.0 |
| Phenol, 2,6-dim... | 13.244 | 102.8 | ng | 2064440 | 3 | 14.966 | 401655 | 20.0 |
| unknown14.302 | 14.302 | 57.5 | ng | 1154690 | 3 | 14.966 | 401655 | 20.0 |
| Apocynin | 14.819 | 35.3 | ng | 709134 | 3 | 14.966 | 401655 | 20.0 |
| 4-Ethyl-2,6-dim... | 15.083 | 31.6 | ng | 635557 | 3 | 14.966 | 401655 | 20.0 |
| 2-Propanone, 1-... | 15.213 | 48.9 | ng | 980999 | 3 | 14.966 | 401655 | 20.0 |
| N,N-Dimethylhep... | 16.047 | 413.9 | ng | 8312980 | 3 | 14.966 | 401655 | 20.0 |
| Phenol, 4-(etho... | 16.317 | 29.4 | ng | 590509 | 3 | 14.966 | 401655 | 20.0 |
| Cyclononasiloxa... | 24.566 | 27.6 | ng | 838907 | 6 | 25.636 | 606975 | 20.0 |
| unknown25.900 | 25.900 | 32.8 | ng | 994921 | 6 | 25.636 | 606975 | 20.0 |
| unknown27.580 | 27.580 | 28.5 | ng | 864627 | 6 | 25.636 | 606975 | 20.0 |
| unknown29.672 | 29.672 | 37.2 | ng | 1128180 | 6 | 25.636 | 606975 | 20.0 |