

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061821\  
 Data File : BG049024.D  
 Acq On : 18 Jun 2021 17:54  
 Operator : CG/JU  
 Sample : M2709-12  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0344-AMND-COMP-O(CL-24)

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-BG061121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049024.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.152       | 15            | 19          | 29           | rBV      | 50543          | 105056        | 4.10%           | 1.008%        |
| 2         | 3.234       | 29            | 33          | 42           | rVB      | 17891          | 30241         | 1.18%           | 0.290%        |
| 3         | 4.585       | 256           | 263         | 275          | rVB      | 847561         | 1335784       | 52.19%          | 12.813%       |
| 4         | 5.196       | 358           | 367         | 376          | rBV      | 1523288        | 2559315       | 100.00%         | 24.550%       |
| 5         | 7.265       | 713           | 719         | 727          | rVB2     | 26237          | 46281         | 1.81%           | 0.444%        |
| 6         | 8.111       | 856           | 863         | 870          | rBV      | 95590          | 165263        | 6.46%           | 1.585%        |
| 7         | 9.274       | 1052          | 1061        | 1070         | rBV      | 253285         | 473318        | 18.49%          | 4.540%        |
| 8         | 10.696      | 1296          | 1303        | 1311         | rBV      | 34699          | 61019         | 2.38%           | 0.585%        |
| 9         | 10.931      | 1336          | 1343        | 1351         | rVB      | 112403         | 208482        | 8.15%           | 2.000%        |
| 10        | 13.375      | 1751          | 1759        | 1767         | rBV      | 608745         | 952496        | 37.22%          | 9.137%        |
| 11        | 14.756      | 1986          | 1994        | 2002         | rVB      | 180615         | 294184        | 11.49%          | 2.822%        |
| 12        | 17.500      | 2455          | 2461        | 2470         | rBV      | 269365         | 420118        | 16.42%          | 4.030%        |
| 13        | 20.108      | 2899          | 2905        | 2912         | rVB      | 1690374        | 2180639       | 85.20%          | 20.917%       |
| 14        | 20.784      | 3016          | 3020        | 3027         | rVB2     | 43296          | 58027         | 2.27%           | 0.557%        |
| 15        | 21.419      | 3123          | 3128        | 3139         | rBV3     | 67370          | 115685        | 4.52%           | 1.110%        |
| 16        | 21.789      | 3184          | 3191        | 3197         | rBV2     | 365438         | 607821        | 23.75%          | 5.830%        |
| 17        | 22.447      | 3299          | 3303        | 3310         | rVB3     | 16630          | 29534         | 1.15%           | 0.283%        |
| 18        | 22.846      | 3359          | 3371        | 3375         | rVB8     | 40978          | 136289        | 5.33%           | 1.307%        |
| 19        | 23.316      | 3445          | 3451        | 3460         | rBV10    | 16702          | 38847         | 1.52%           | 0.373%        |
| 20        | 25.114      | 3746          | 3757        | 3768         | rBV2     | 212737         | 606634        | 23.70%          | 5.819%        |

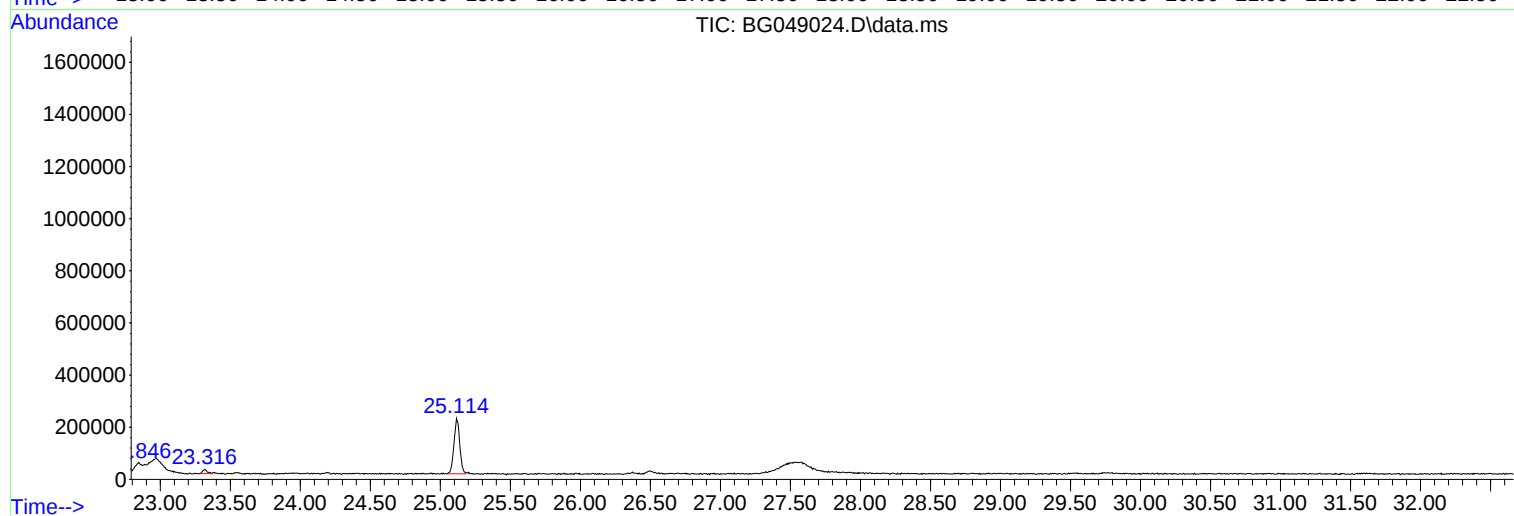
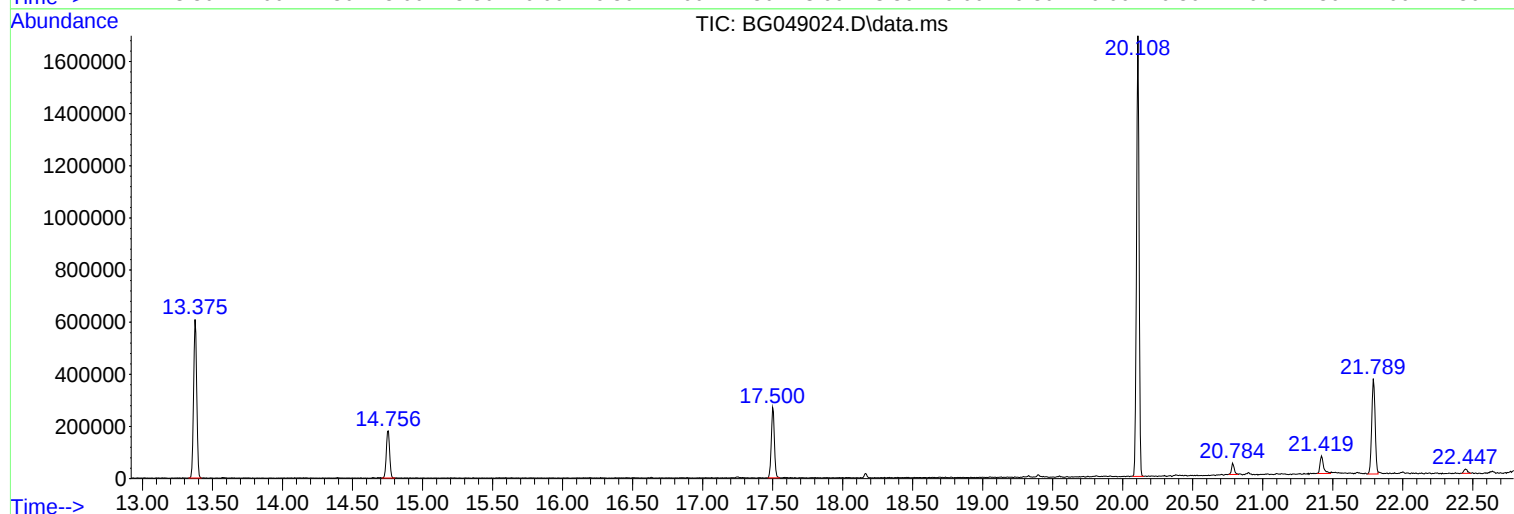
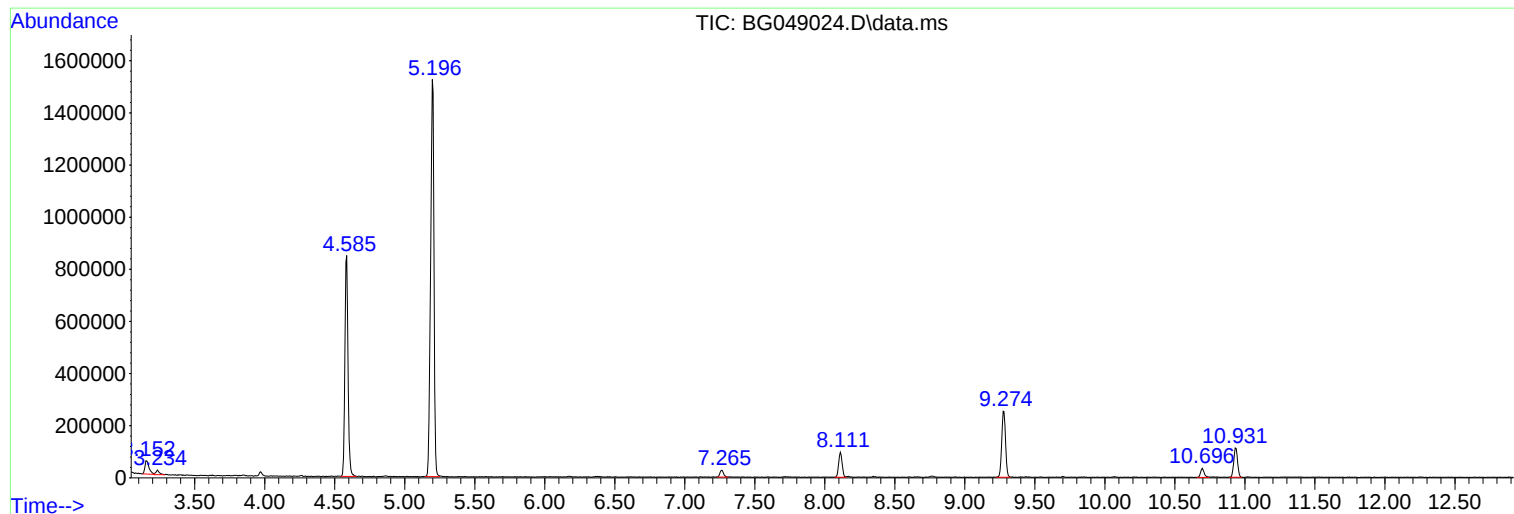
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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
0344-AMND-COMP-O(CL-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061821\  
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0344-AMND-COMP-O(CL-24)

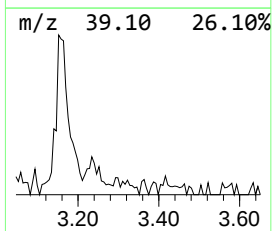
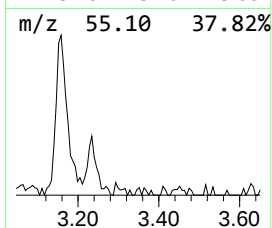
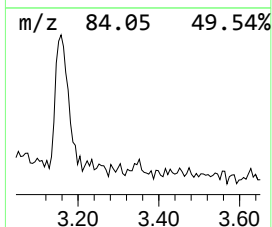
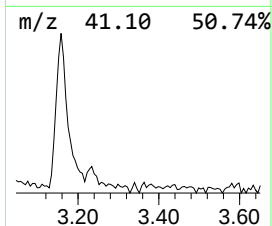
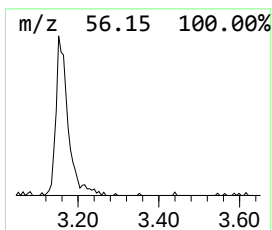
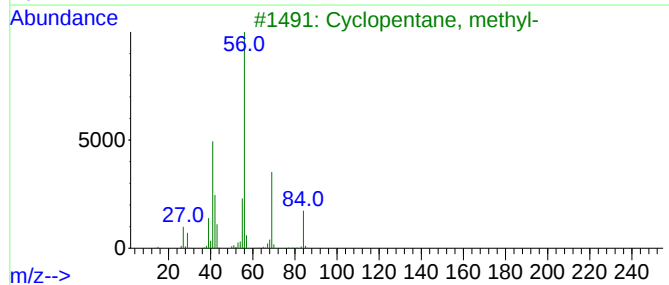
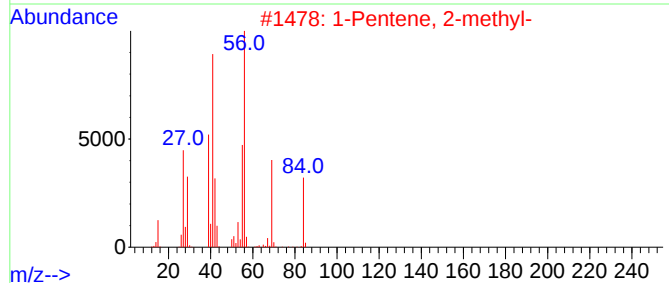
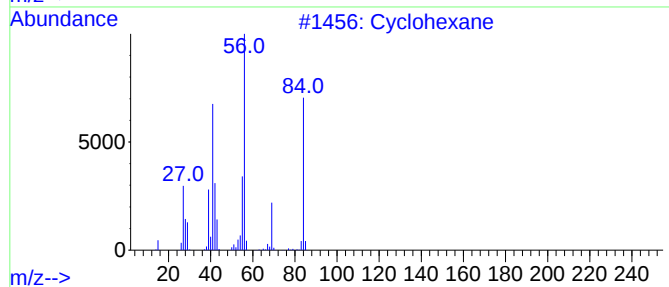
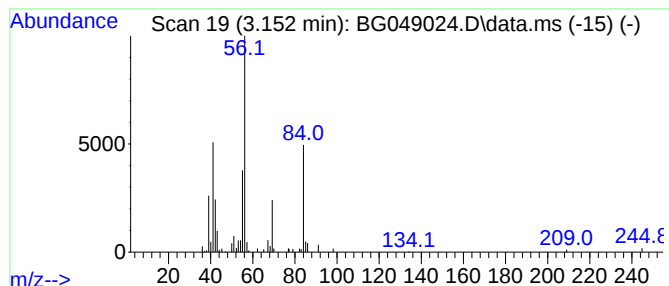
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Cyclohexane Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.152 | 12.71 ng | 105056 | 1,4-Dichlorobenzene-d4 | 8.111 |

| Hit# | of | 5 | Tentative ID                    | MW | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexane                     | 84 | C6H12   | 000110-82-7 | 90   |
| 2    |    |   | 1-Pentene, 2-methyl-            | 84 | C6H12   | 000763-29-1 | 83   |
| 3    |    |   | Cyclopentane, methyl-           | 84 | C6H12   | 000096-37-7 | 72   |
| 4    |    |   | Cyclopropane, 1-ethyl-1-methyl- | 84 | C6H12   | 053778-43-1 | 47   |
| 5    |    |   | Cyclobutane                     | 56 | C4H8    | 000287-23-0 | 43   |



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ClientSampleId :  
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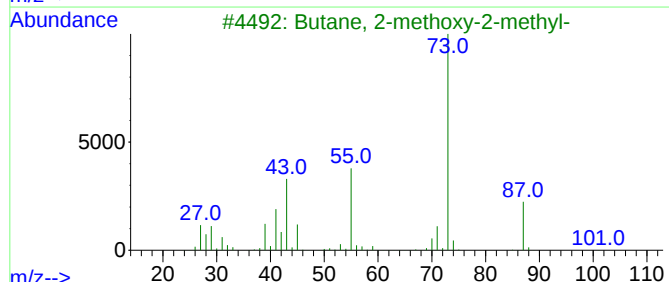
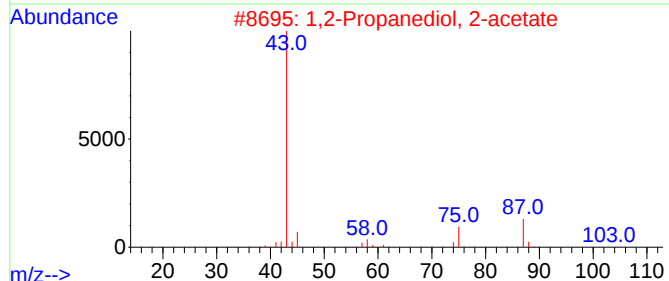
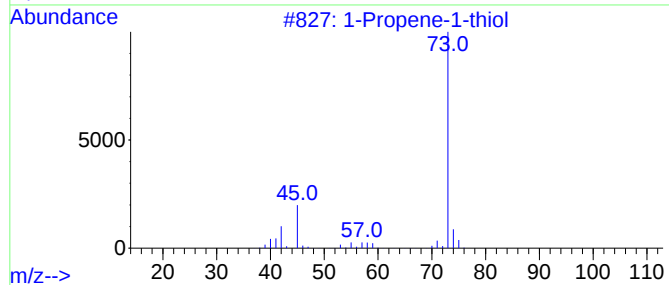
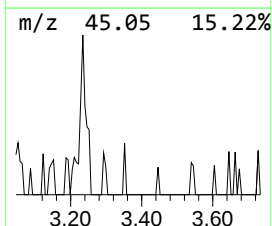
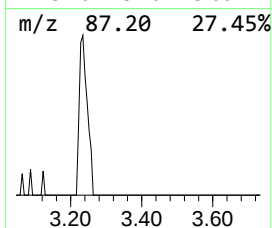
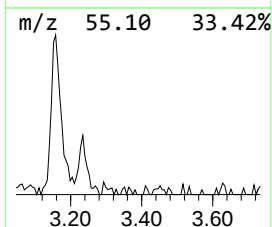
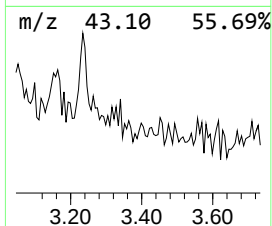
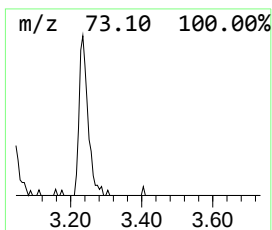
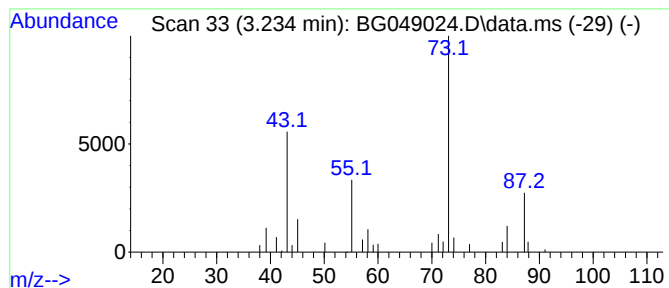
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown3.234 Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 3.234 | 3.66 ng | 30241 | 1,4-Dichlorobenzene-d4 | 8.111 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | 1-Propene-1-thiol           | 74  | C3H6S   | 000925-89-3 | 35   |
| 2    |      | 1,2-Propanediol, 2-acetate  | 118 | C5H10O3 | 006214-01-3 | 17   |
| 3    |      | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 12   |
| 4    |      | 2-Pentanone, 4-hydroxy-     | 102 | C5H10O2 | 004161-60-8 | 10   |
| 5    |      | Methane, isothiocyanato-    | 73  | C2H3NS  | 000556-61-6 | 9    |



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ALS Vial : 10 Sample Multiplier: 1

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BNA\_G  
ClientSampleId :  
0344-AMND-COMP-O(CL-24)

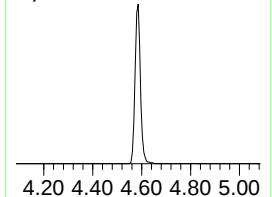
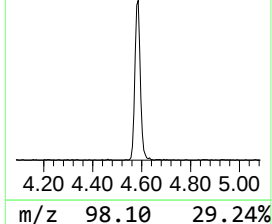
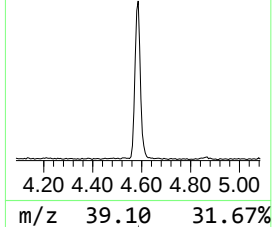
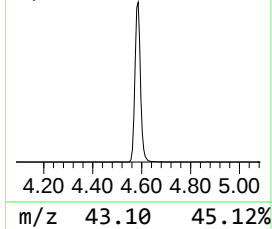
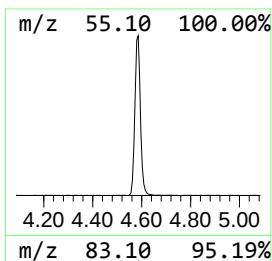
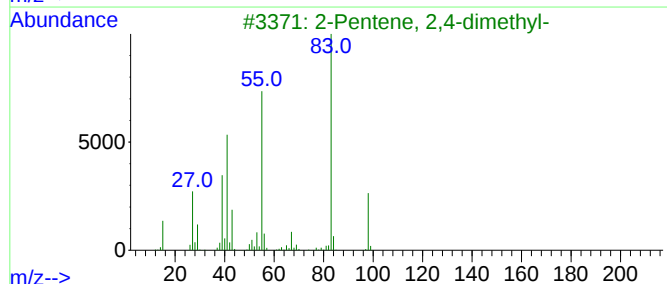
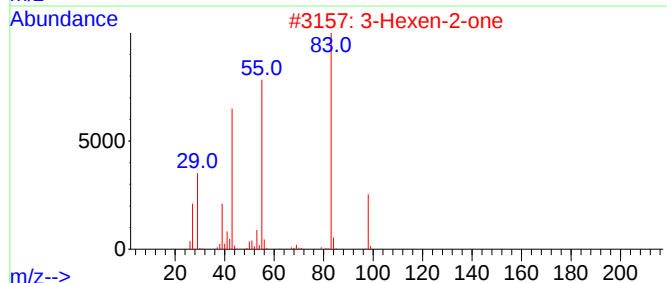
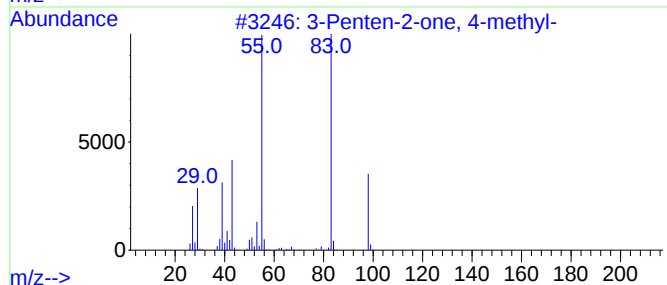
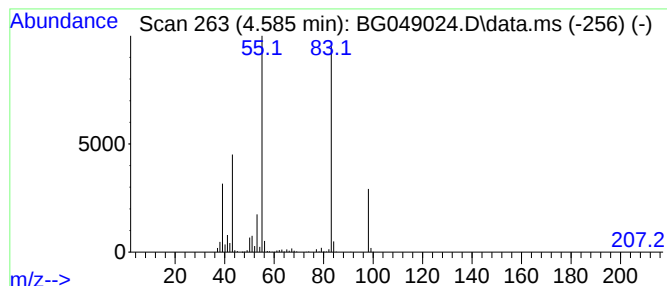
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 2

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 4.585 | 161.66 ng | 1335780 | 1,4-Dichlorobenzene-d4 | 8.111 |

| Hit# | of | 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|----|---------|-------------|------|
| 1    |    |   | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 91   |
| 2    |    |   | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 91   |
| 3    |    |   | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 80   |
| 4    |    |   | 2-Pentene, 4,4-dimethyl-, (Z)- | 98 | C7H14   | 000762-63-0 | 72   |
| 5    |    |   | 1-Butene, 2,3,3-trimethyl-     | 98 | C7H14   | 000594-56-9 | 64   |



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BNA\_G  
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0344-AMND-COMP-O(CL-24)

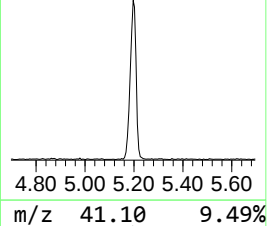
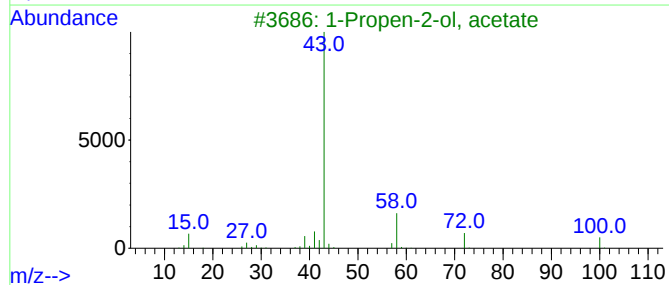
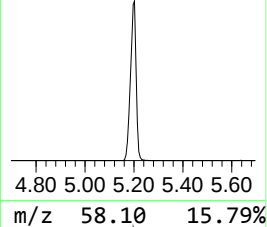
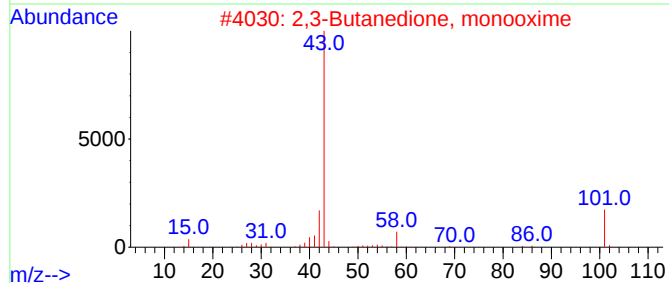
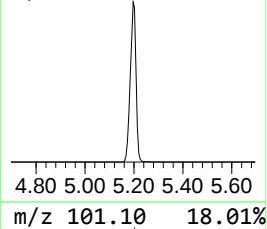
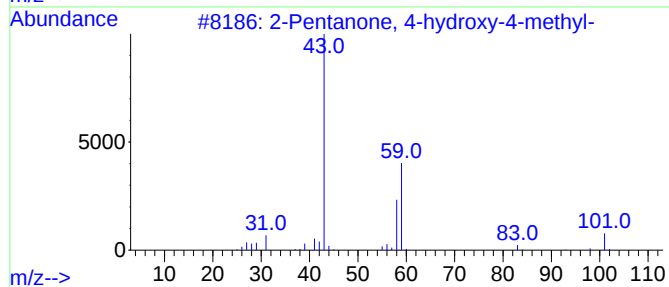
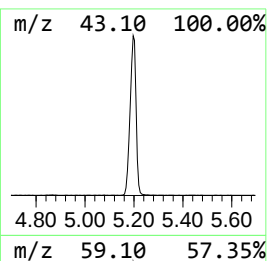
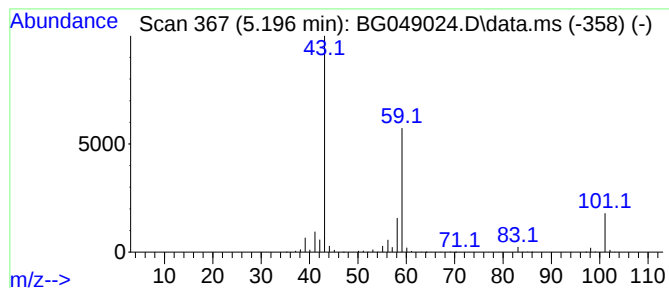
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 5.196 | 309.73 ng | 2559320 | 1,4-Dichlorobenzene-d4 | 8.111 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 45   |
| 2    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 27   |
| 3    |    |   | 1-Propen-2-ol, acetate           | 100 | C5H8O2  | 000108-22-5 | 10   |
| 4    |    |   | Acetone                          | 58  | C3H6O   | 000067-64-1 | 9    |
| 5    |    |   | Morpholine, 4-methyl-            | 101 | C5H11NO | 000109-02-4 | 9    |



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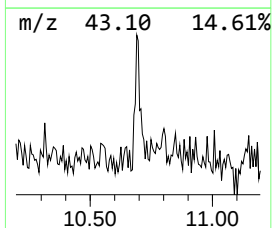
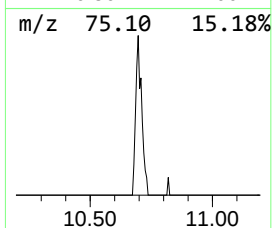
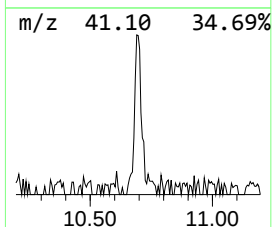
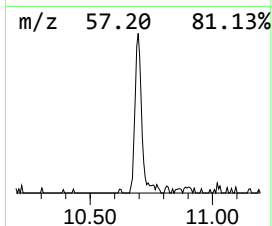
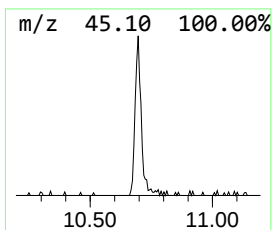
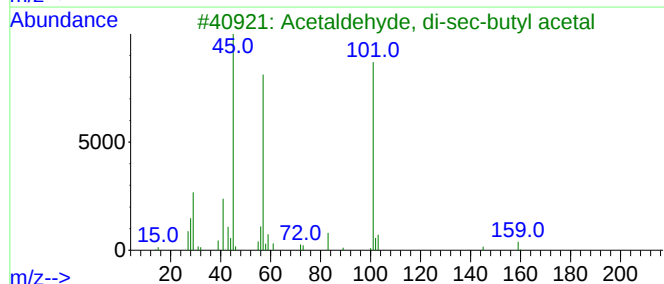
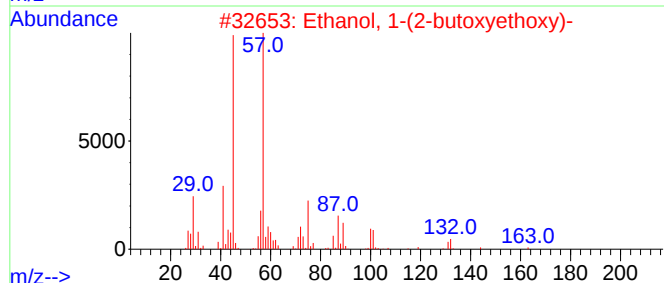
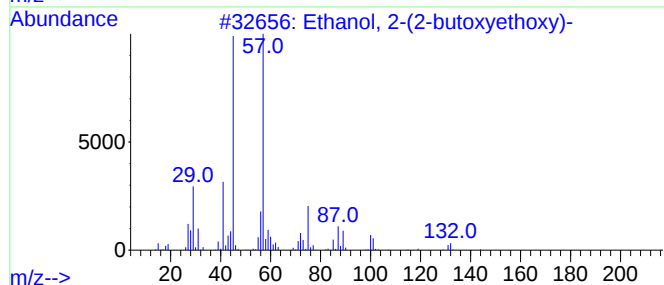
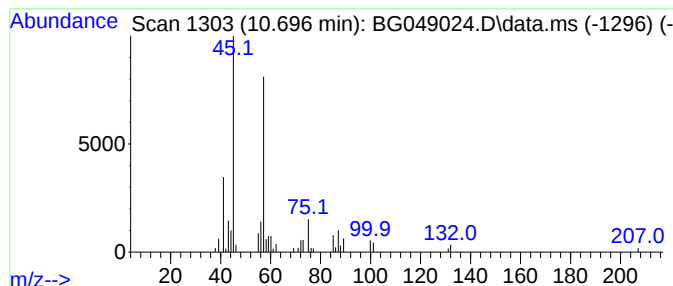
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 10.696 | 5.85 ng | 61019 | Naphthalene-d8   | 10.937 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3  | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3  | 054446-78-5 | 83   |
| 3    |    |   | Acetaldehyde, di-sec-butyl acetal   | 174 | C10H22O2 | 005314-41-0 | 53   |
| 4    |    |   | Heptaethylene glycol                | 326 | C14H30O8 | 005617-32-3 | 50   |
| 5    |    |   | Ethanol, 2-[2-(2-butoxyethoxy)et... | 206 | C10H22O4 | 000143-22-6 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061821\  
Data File : BG049024.D  
Acq On : 18 Jun 2021 17:54  
Operator : CG/JU  
Sample : M2709-12  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
0344-AMND-COMP-O(CL-24)

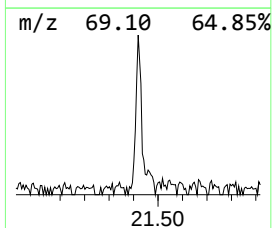
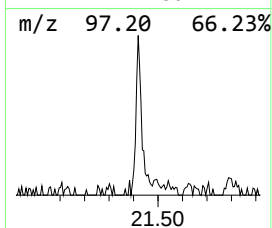
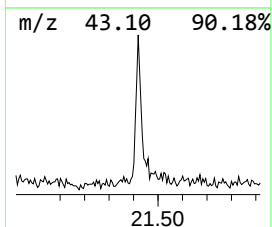
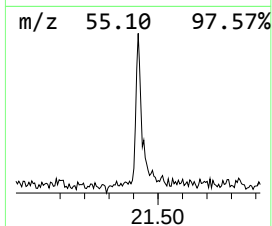
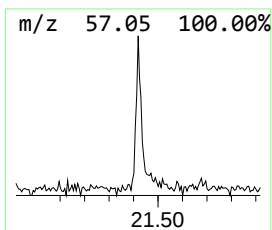
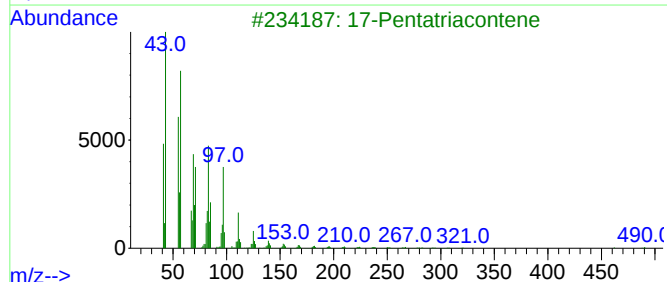
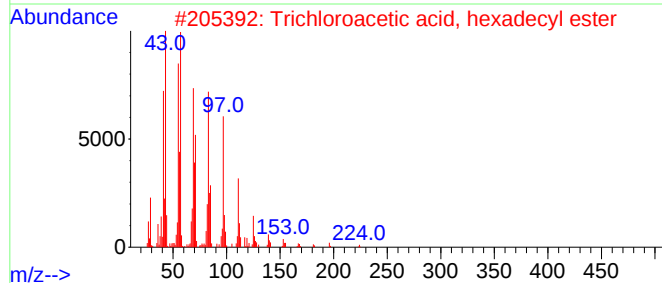
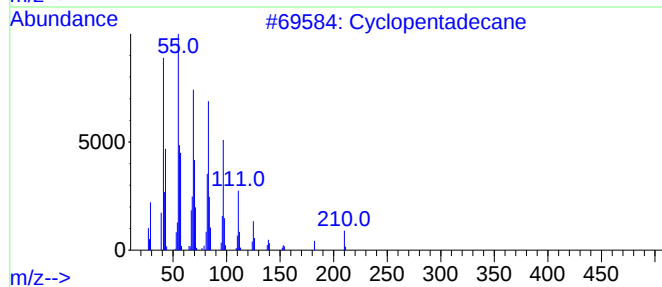
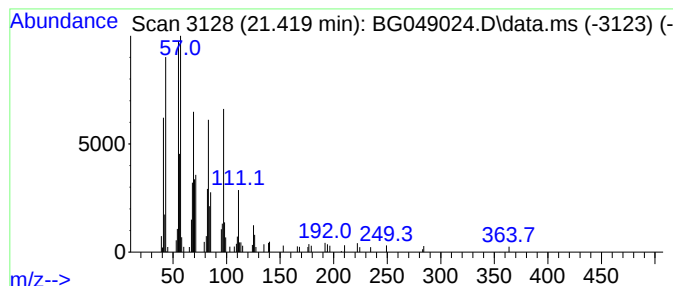
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Cyclopentadecane Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.419 | 3.81 ng | 115685 | Chrysene-d12     | 21.789 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7 | 95   |
| 2    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 90   |
| 3    |    |   | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0 | 90   |
| 4    |    |   | 1,2-Octadecanediol                  | 286 | C18H38O2    | 020294-76-2 | 90   |
| 5    |    |   | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061821\  
Data File : BG049024.D  
Acq On : 18 Jun 2021 17:54  
Operator : CG/JU  
Sample : M2709-12  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
0344-AMND-COMP-O(CL-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

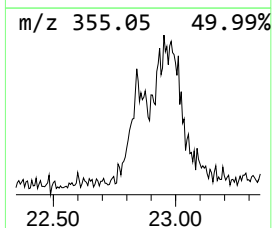
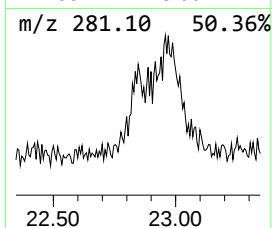
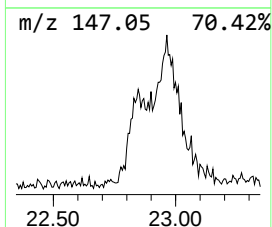
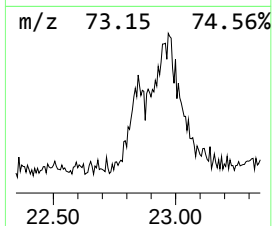
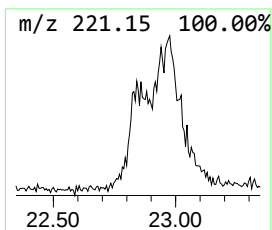
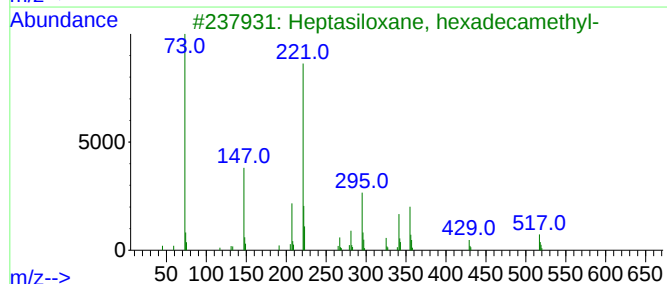
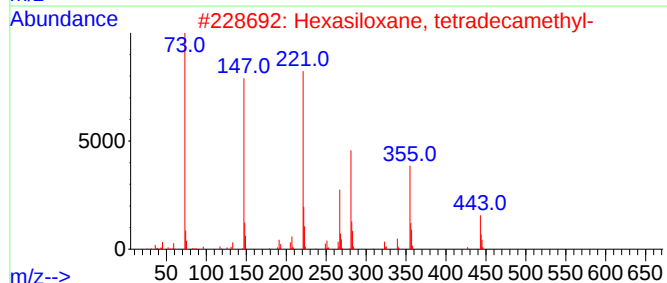
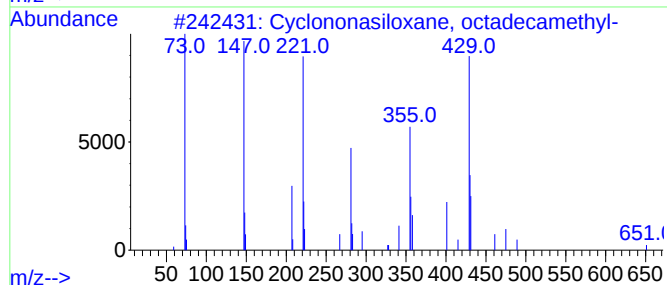
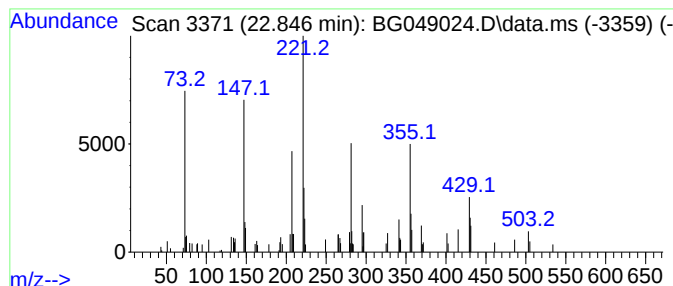
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Cyclononasiloxane, octadeca... Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 22.846 | 4.48 ng | 136289 | Chrysene-d12     | 21.789 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------------|--------------|------|
| 1    |    |   | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9   | 000556-71-8  | 64   |
| 2    |    |   | Hexasiloxane, tetradecamethyl-      | 458 | C14H42O5Si6   | 000107-52-8  | 53   |
| 3    |    |   | Heptasiloxane, hexadecamethyl-      | 532 | C16H48O6Si7   | 000541-01-5  | 38   |
| 4    |    |   | Cyclodecasiloxane, eicosamethyl-    | 740 | C20H60O10Si10 | 018772-36-6  | 37   |
| 5    |    |   | 1,3(2H,4H)-Isoquinolinedione, 6,... | 369 | C20H19NO6     | 1000115-82-7 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061821\  
Data File : BG049024.D  
Acq On : 18 Jun 2021 17:54  
Operator : CG/JU  
Sample : M2709-12  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
0344-AMND-COMP-O(CL-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Cyclohexane        | 3.152  | 12.7    | ng    | 105056   | 1                     | 8.111  | 165263 | 20.0 |
| unknown3.234       | 3.234  | 3.7     | ng    | 30241    | 1                     | 8.111  | 165263 | 20.0 |
| 3-Penten-2-one,... | 4.585  | 161.7   | ng    | 1335780  | 1                     | 8.111  | 165263 | 20.0 |
| 2-Pentanone, 4-... | 5.196  | 309.7   | ng    | 2559320  | 1                     | 8.111  | 165263 | 20.0 |
| Ethanol, 2-(2-b... | 10.696 | 5.8     | ng    | 61019    | 2                     | 10.937 | 208482 | 20.0 |
| Cyclopentadecane   | 21.419 | 3.8     | ng    | 115685   | 5                     | 21.789 | 607821 | 20.0 |
| Cyclononasiloxa... | 22.846 | 4.5     | ng    | 136289   | 5                     | 21.789 | 607821 | 20.0 |