LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

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-BG082318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.162	313	319	326	rBV	58542	87027	1.62%	0.318%
2	5.626	391	398	410	rBV	743088	1202845	22.33%	4.394%
3	7.206	659	667	682	rBV	520150	919138	17.07%	3.358%
4	7.588	722	732	740	rBV	1197005	2058617	38.22%	7.520%
5	8.058	804	812	818	rBV	217055	372483	6.92%	1.361%
6	8.381	859	867	877	rVB	1017217	1787014	33.18%	6.528%
7	9.216	1000	1009	1018	rBV	894872	1625775	30.19%	5.939%
8	10.861	1281	1289	1297	rBV	305775	552278	10.25%	2.017%
9	11.689	1418	1430	1437	rBV5	45910	110260	2.05%	0.403%
10	13.305	1697	1705	1716	rBV2	2408547	4386914	81.45%	16.025%
11	13.987	1812	1821	1832	rBV4	23807	97120	1.80%	0.355%
12	14.128	1840	1845	1850	rBV	183052	263641	4.90%	0.963%
13	14.398	1885	1891	1902	rBV3	118282	245094	4.55%	0.895%
14	14.680	1932	1939	1948	rBV2	507177	801536	14.88%	2.928%
15	16.025	2163	2168	2178	rBV	114253	171495	3.18%	0.626%
16	16.166	2185	2192	2200	rBV	1951244	3037260	56.39%	11.095%
17	16.360	2219	2225	2233	rBV	102384	176843	3.28%	0.646%
18	17.218	2367	2371	2377	rBV3	42045	60265	1.12%	0.220%
19	17.424	2400	2406	2414	rVB2	642378	1003975	18.64%	3.668%
20	18.311	2552	2557	2565	rBV2	138655	228100	4.24%	0.833%
21	19.275	2718	2721	2725	rVB	48418	64019	1.19%	0.234%
22	19.574	2768	2772	2782	rBV2	196711	300970	5.59%	1.099%
23	20.032	2844	2850	2856	rBV	4115702	5385809	100.00%	19.674%
24	21.354	3072	3075	3087	rVB4	79781	173261	3.22%	0.633%
25	21.689	3126	3132	3142	rVB	674764	1131787	21.01%	4.134%
26	24.891	3668	3677	3690	rBV2	376979	1131293	21.01%	4.133%

Sum of corrected areas: 27374819

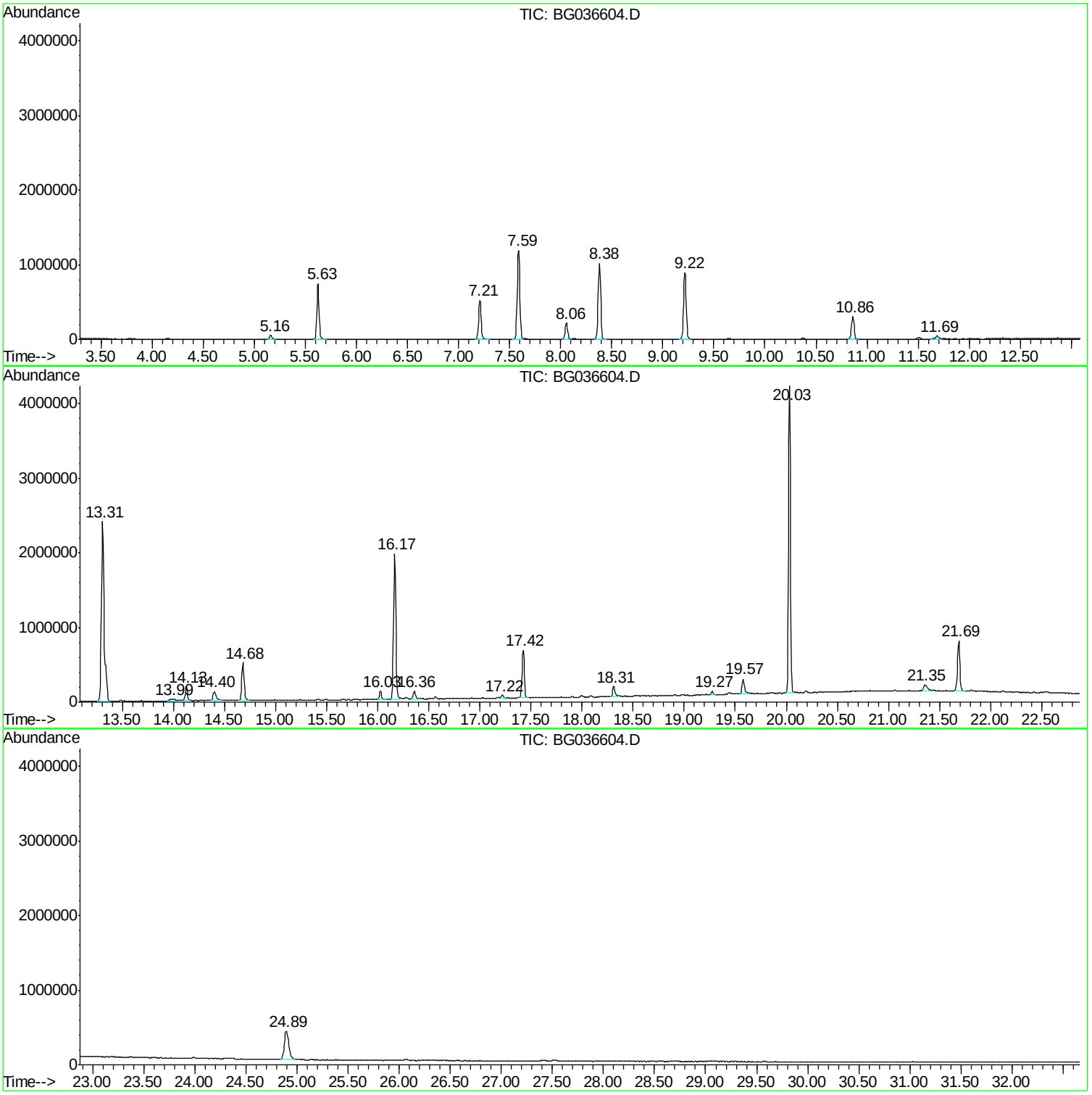
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

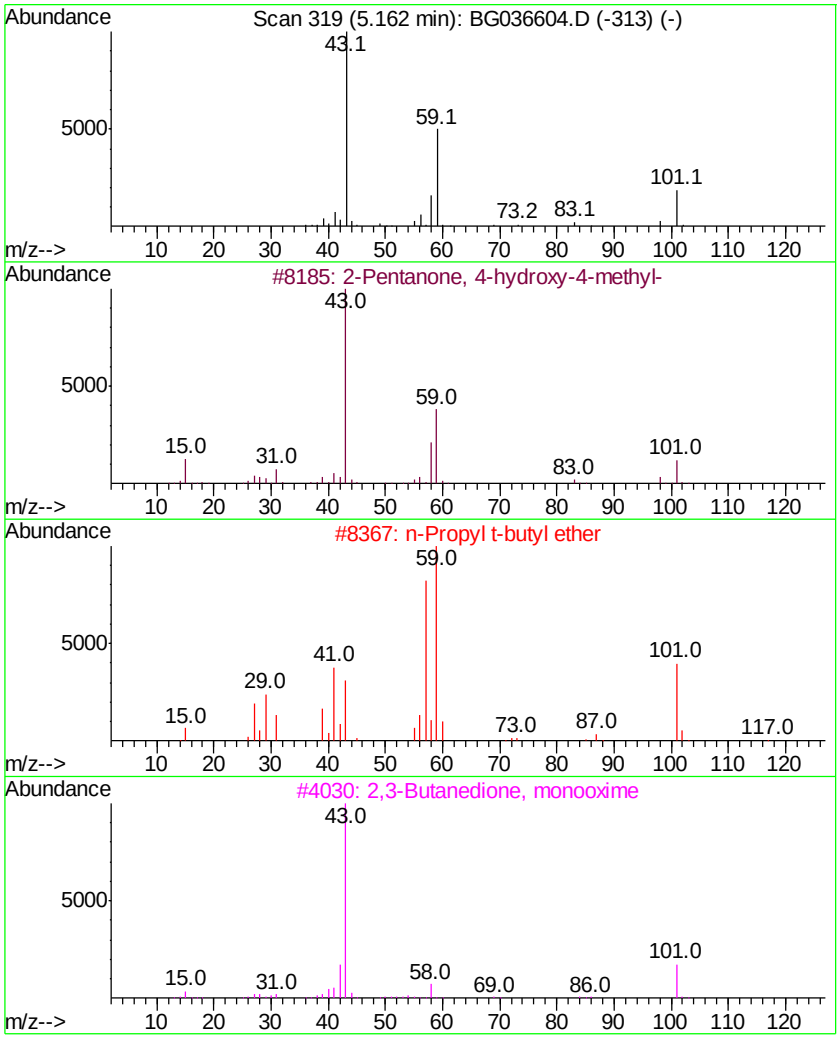
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

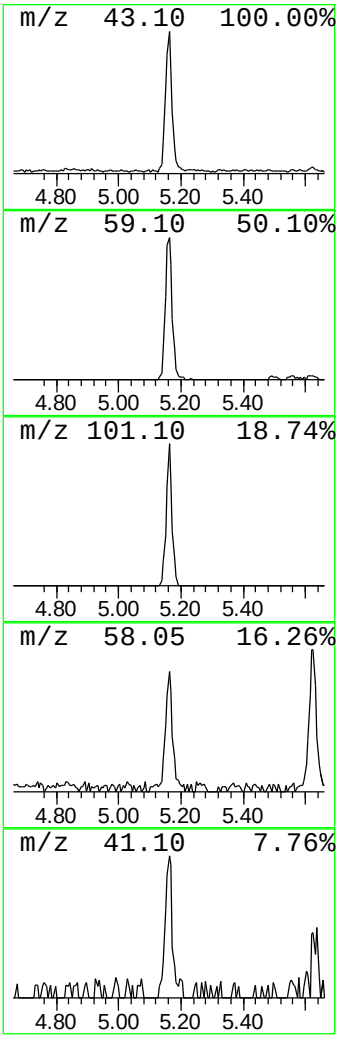
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	4.67 ng	87027	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

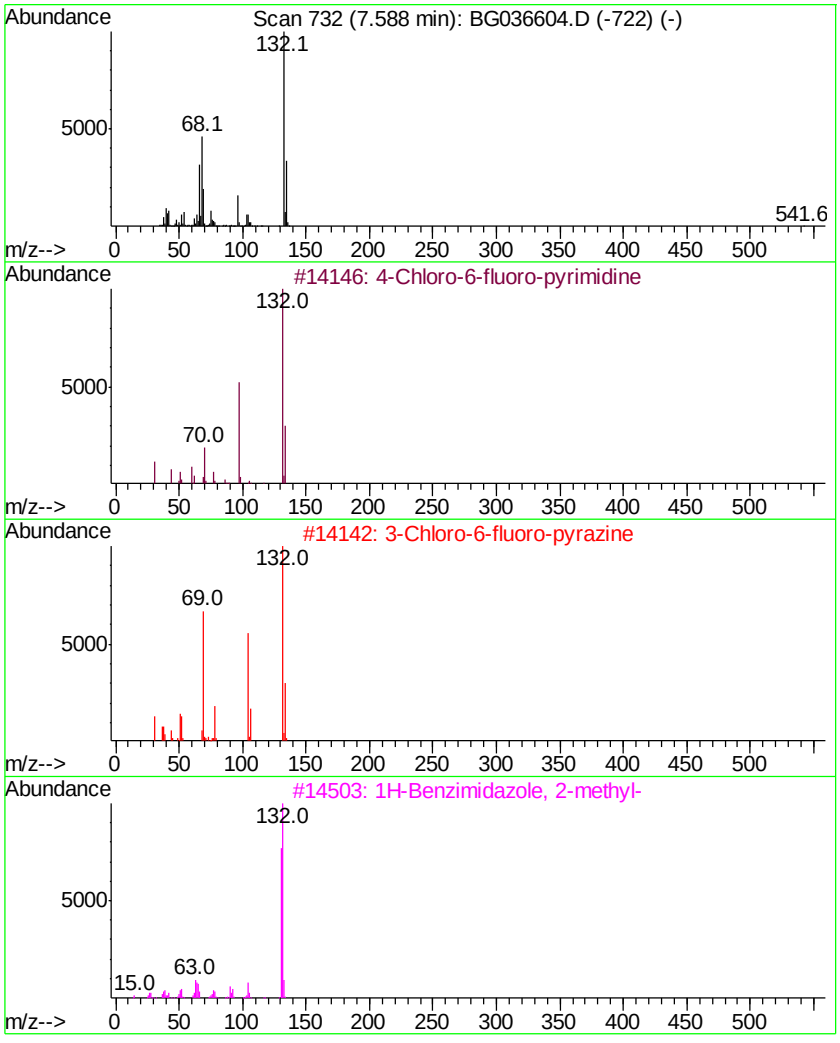
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

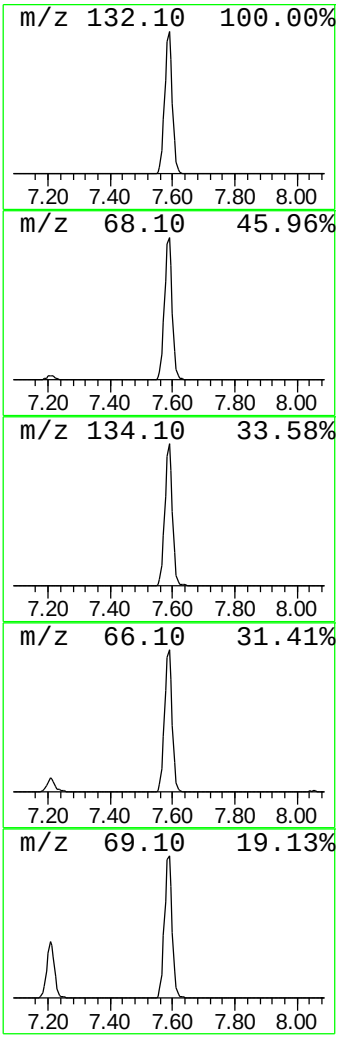
****

Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	110.54 ng	2058620	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

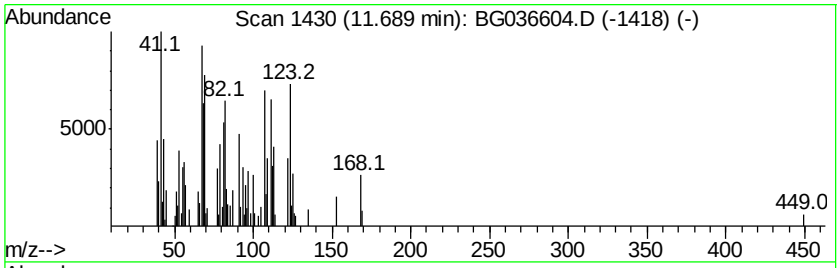
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

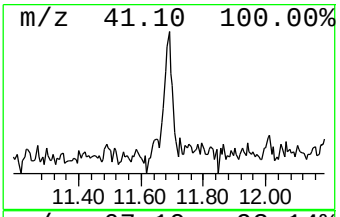
****

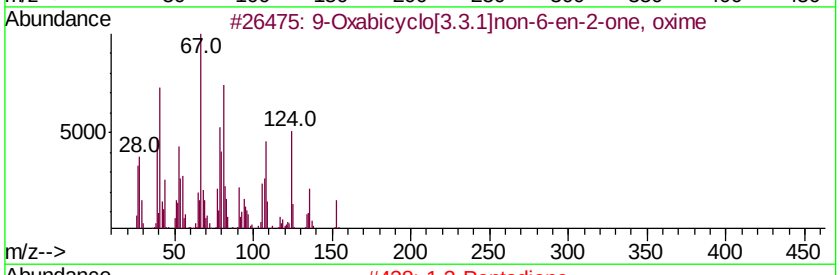
Peak Number 4 unknown11.69 Concentration Rank 8

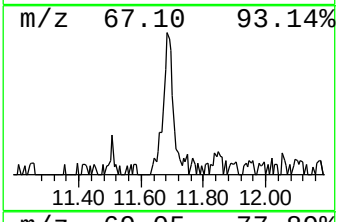
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.99 ng	110260	Naphthalene-d8	10.86

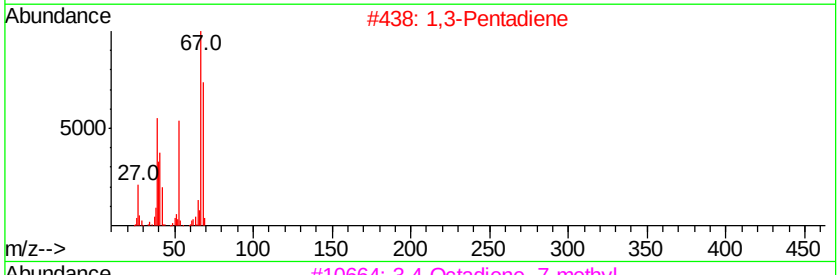
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Oxabicyclo[3.3.1]non-6-en-2-on...	153	C8H11NO2	063827-16-7	45
2	1,3-Pentadiene	68	C5H8	000504-60-9	41
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	38
4	1,4-Pentadiene	68	C5H8	000591-93-5	38
5	3-Octyne	110	C8H14	015232-76-5	35

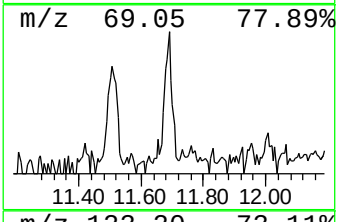


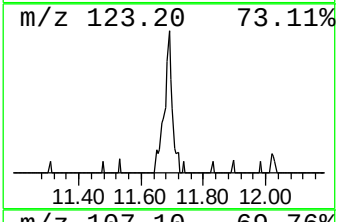


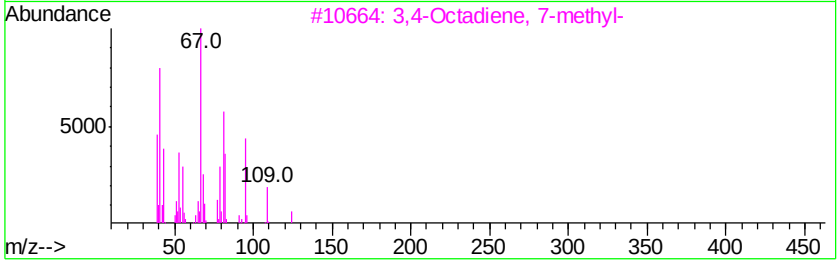


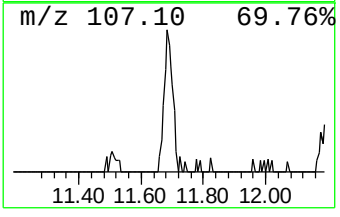












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

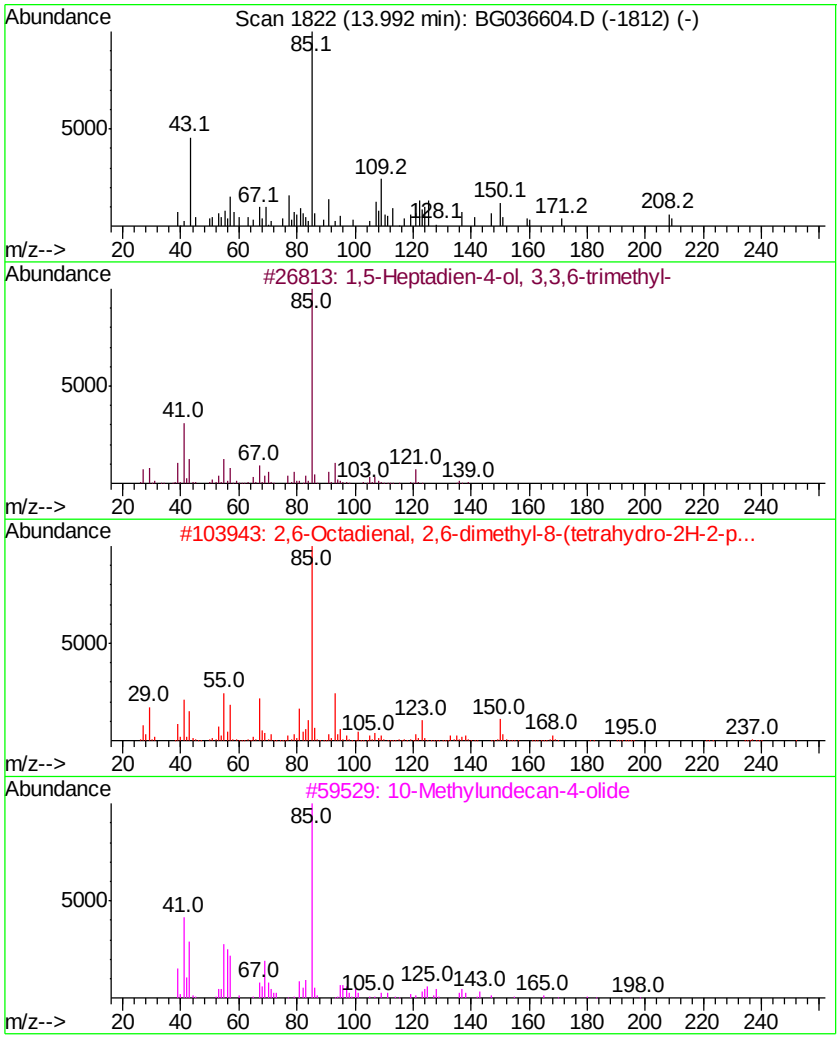
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

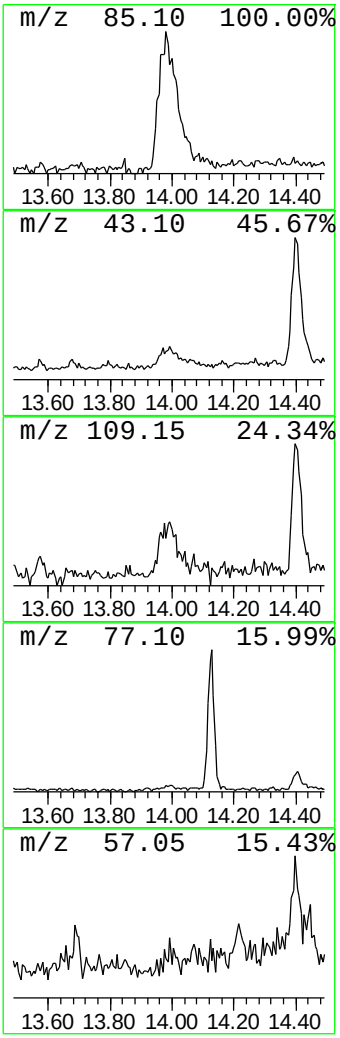
****

Peak Number 5 unknown13.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.42 ng	97120	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Heptadien-4-ol, 3,3,6-trimet...	154	C10H18O	027644-04-8	43
2	2,6-Octadienal, 2,6-dimethyl-8-(...	252	C15H24O3	1000196-64-1	38
3	10-Methylundecan-4-olide	198	C12H22O2	1000370-40-5	37
4	2,6-Dimethyl-8-(tetrahydropyran-...	254	C15H26O3	038290-53-8	37
5	7-Amino-1-(tetrahydropyran-2-ylo...	211	C12H21NO2	1000252-79-0	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

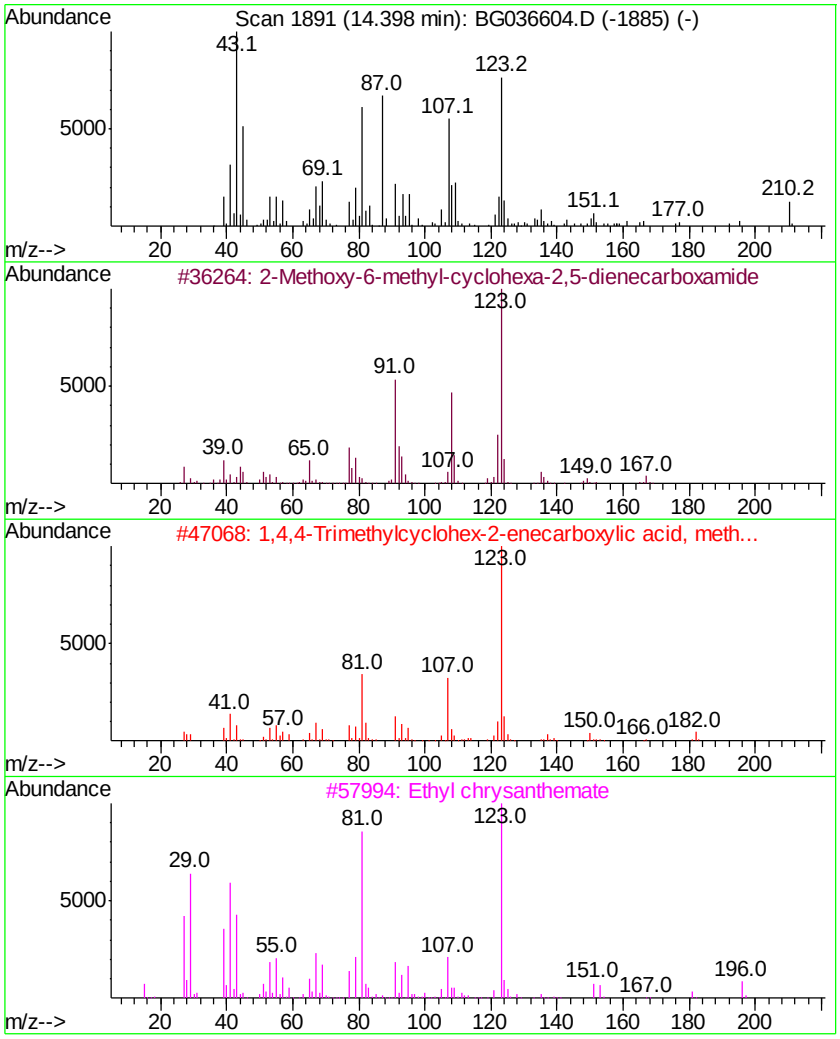
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

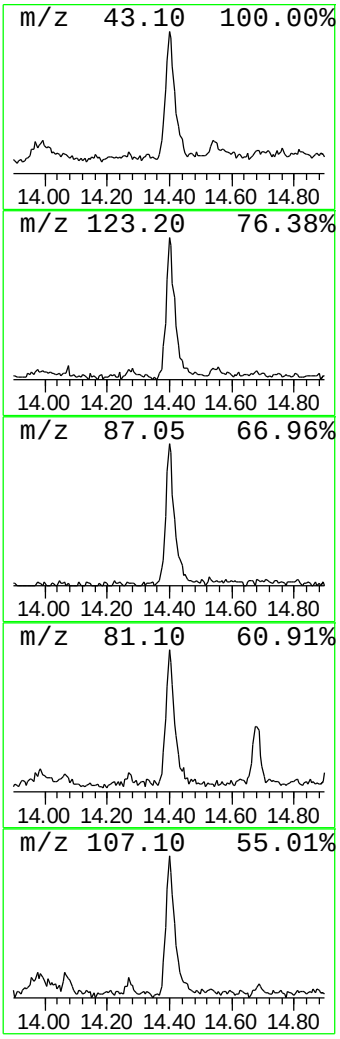
****

Peak Number 6 unknown14.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	6.12 ng	245094	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-6-methyl-cyclohexa-2,5...	167	C9H13NO2	1000189-91-0	35
2	1,4,4-Trimethylcyclohex-2-enecar...	182	C11H18O2	1000187-21-8	35
3	Ethyl chrysanthemate	196	C12H20O2	000097-41-6	30
4	trans-Chrysanthemal	152	C10H16O	020104-05-6	30
5	Spirio-10-(2,11-dioxabicyclo[4.4...	236	C14H20O3	1000192-74-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

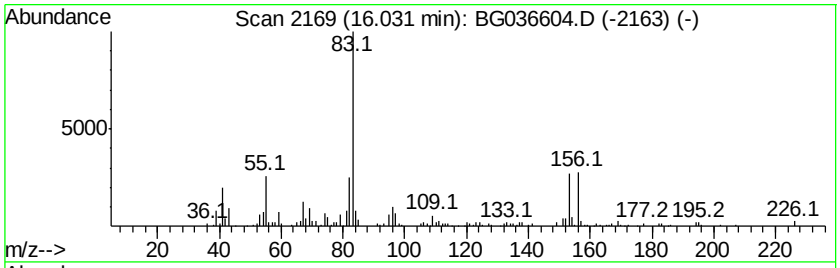
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

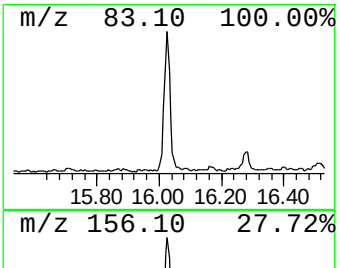
****

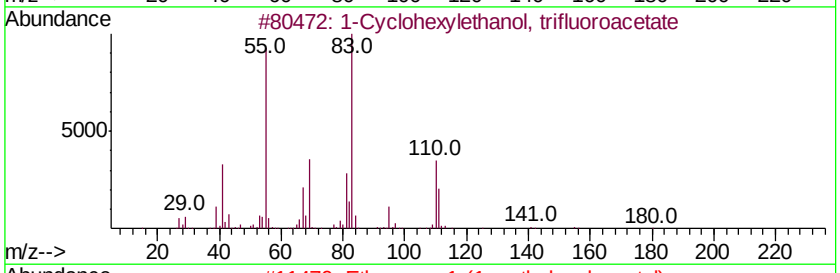
Peak Number 7 unknown16.03 Concentration Rank 7

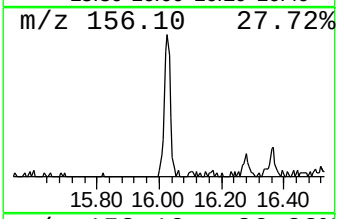
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.28 ng	171495	Acenaphthene-d10	14.68

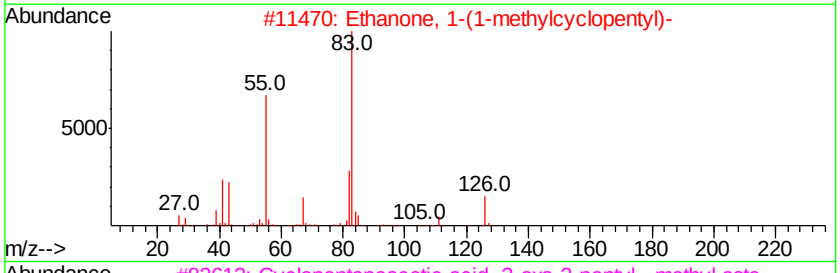
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylethanol, trifluoroac...	224	C10H15F3O2	1000365-19-2	43
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	43
3	Cyclopentaneacetic acid, 3-oxo-2...	226	C13H22O3	024851-98-7	38
4	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	38
5	1,5-Dicyano-2,4-dimethyl-2,4-dia...	152	C7H12N4	1000289-23-5	38

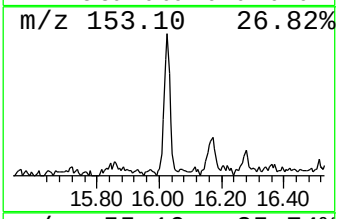


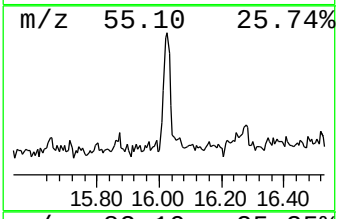


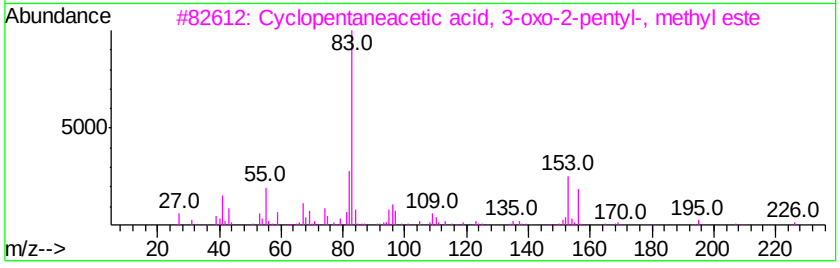


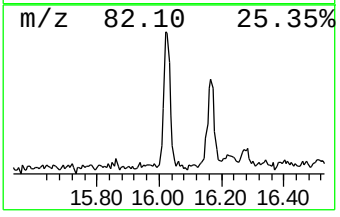












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

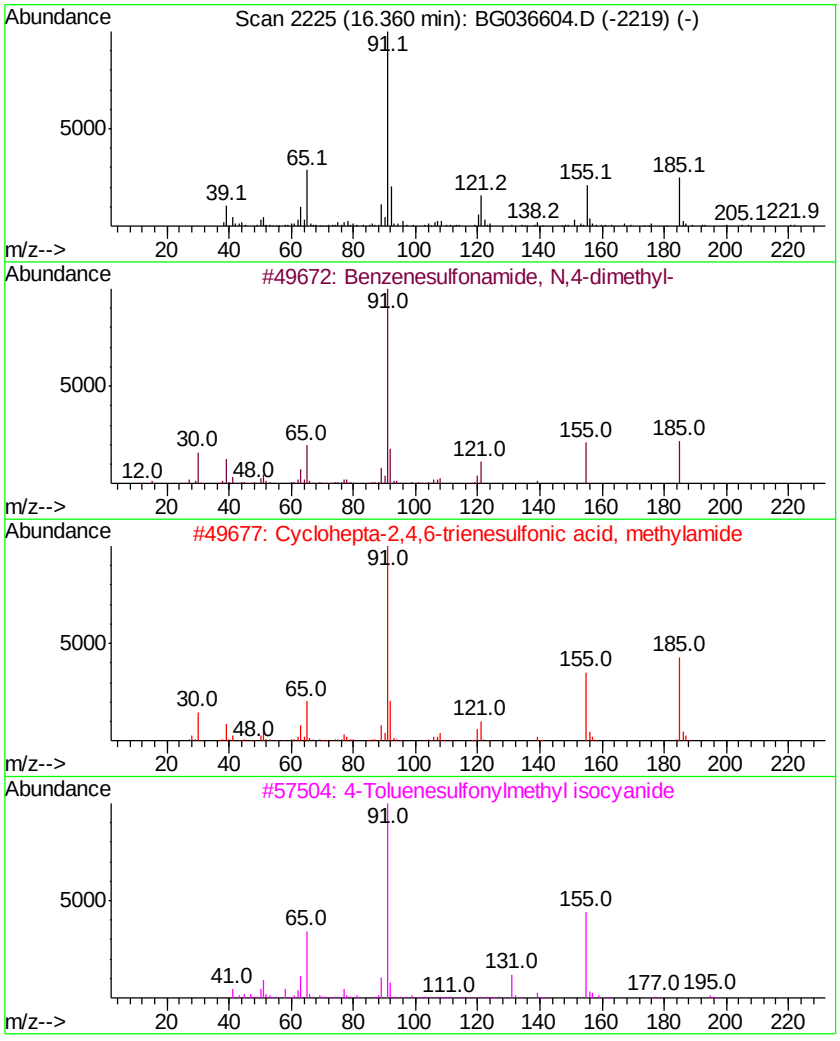
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

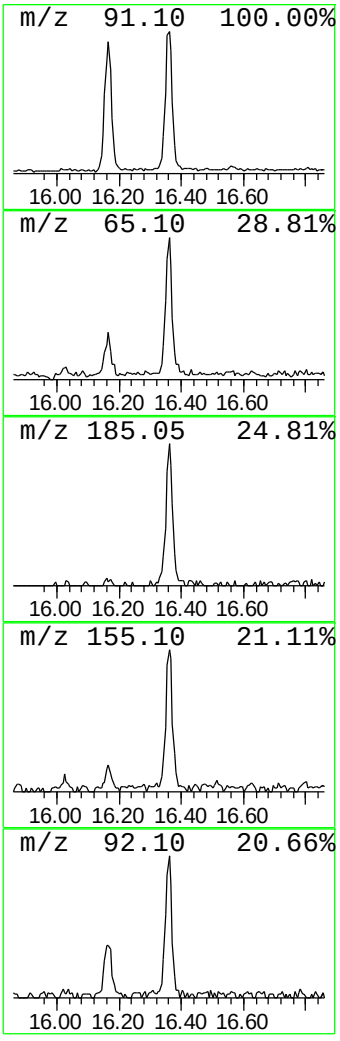
****

Peak Number 8 Benzenesulfonamide, N,4-dim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	3.52 ng	176843	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	93
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	49
3	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	43
4	Benzene, 1-[(chloromethyl)sulfon...	204	C8H9ClO2S	007569-26-8	43
5	3-Oxo-4-phenylbutyronitrile	159	C10H9NO	019212-27-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

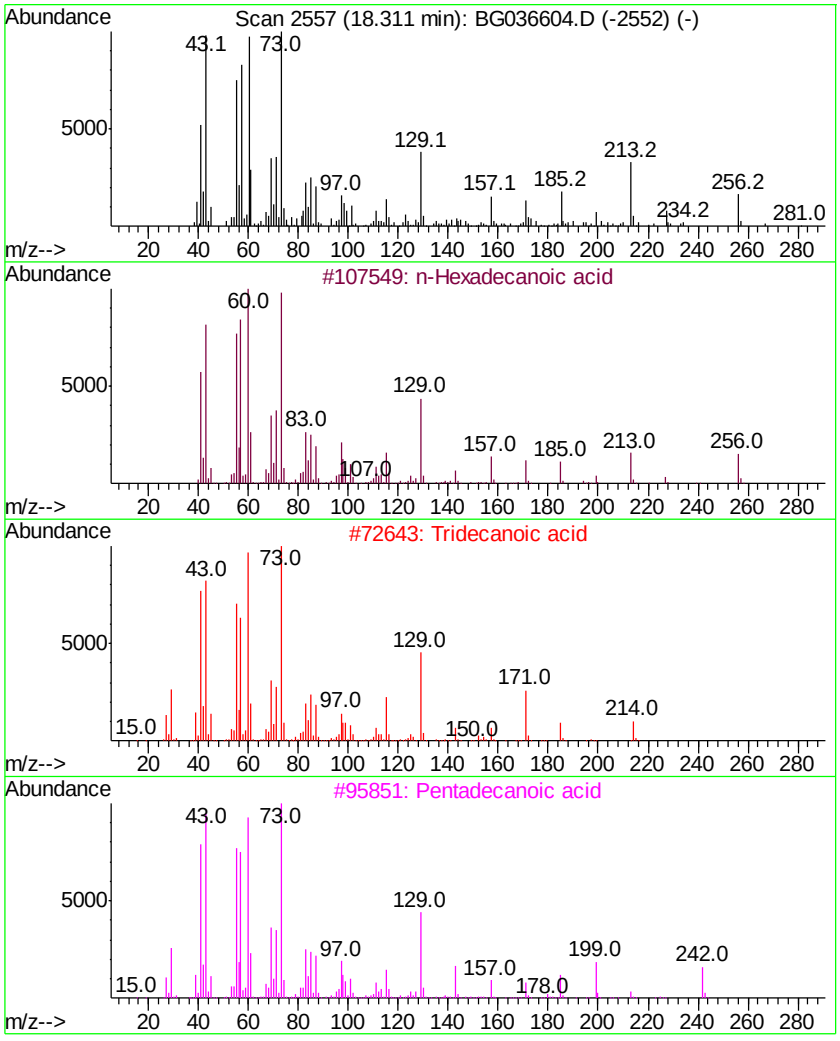
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

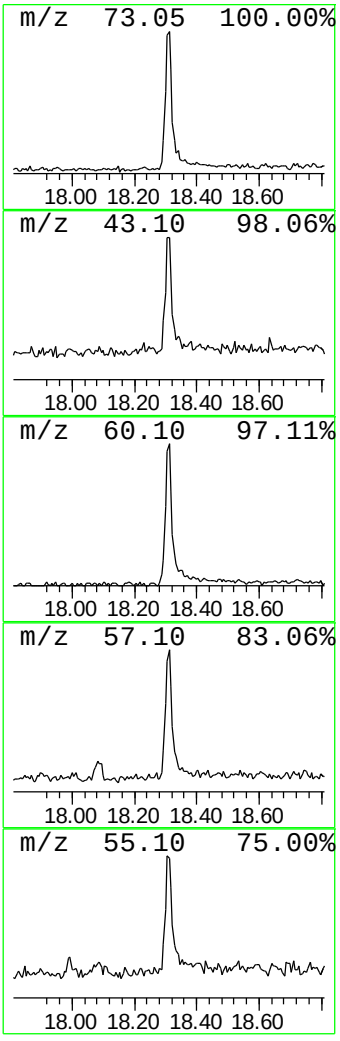
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.54 ng	228100	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

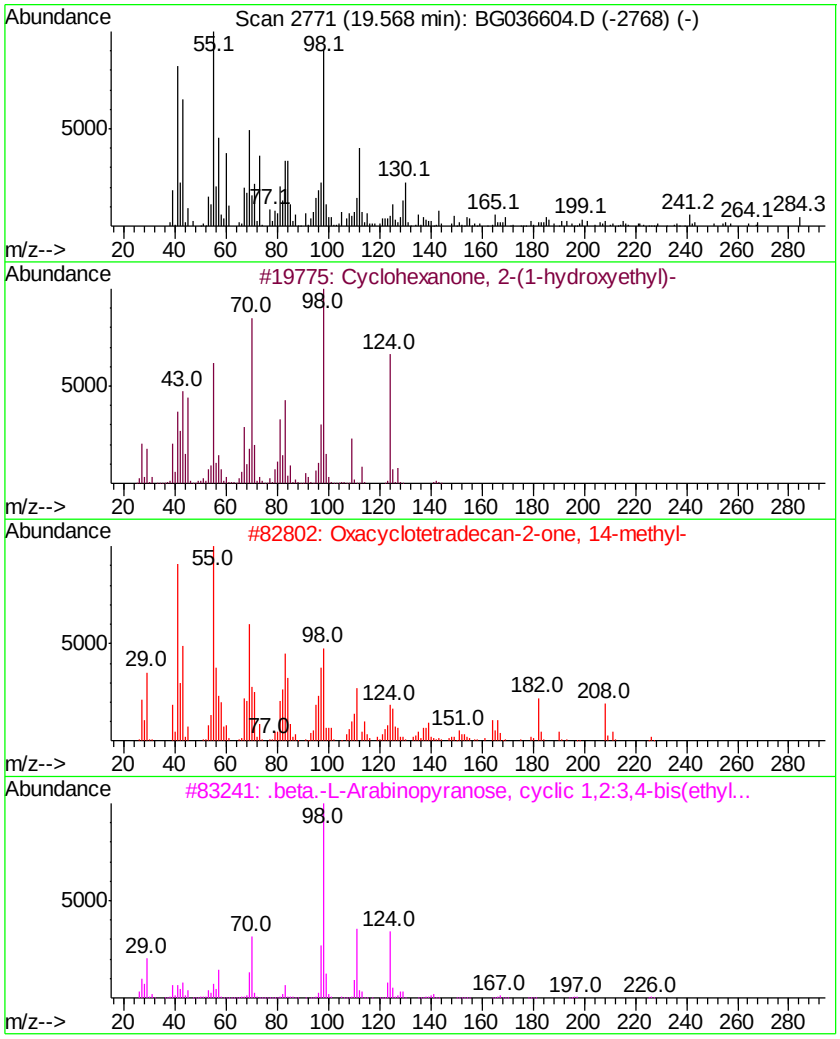
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

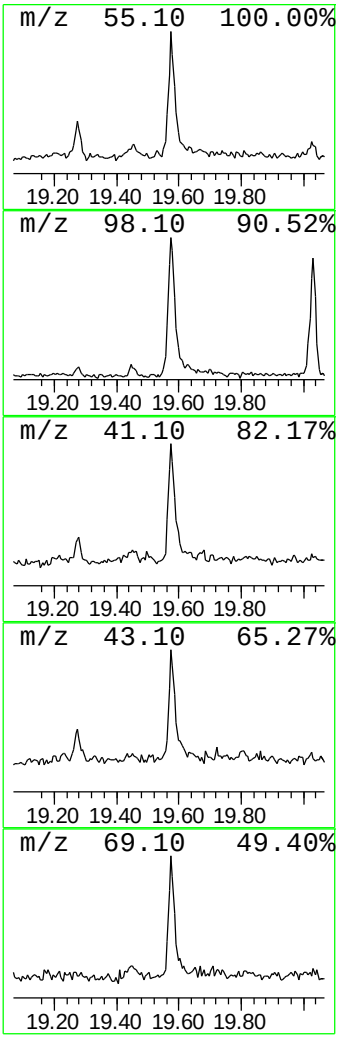
****

Peak Number 10 unknown19.57 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	5.32 ng	300970	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-(1-hydroxyethyl)-	142	C8H14O2	058372-28-4	46
2	Oxacyclotetradecan-2-one, 14-met...	226	C14H26O2	027198-63-6	42
3	.beta.-L-Arabinopyranose, cyclic...	226	C9H16B2O5	064780-31-0	38
4	Oxacyclohexadecan-2-one, 16-methyl-	254	C16H30O2	004459-57-8	35
5	Hexanoic acid, 4-oxo-6-(1-piperi...	213	C11H19NO3	339313-13-2	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

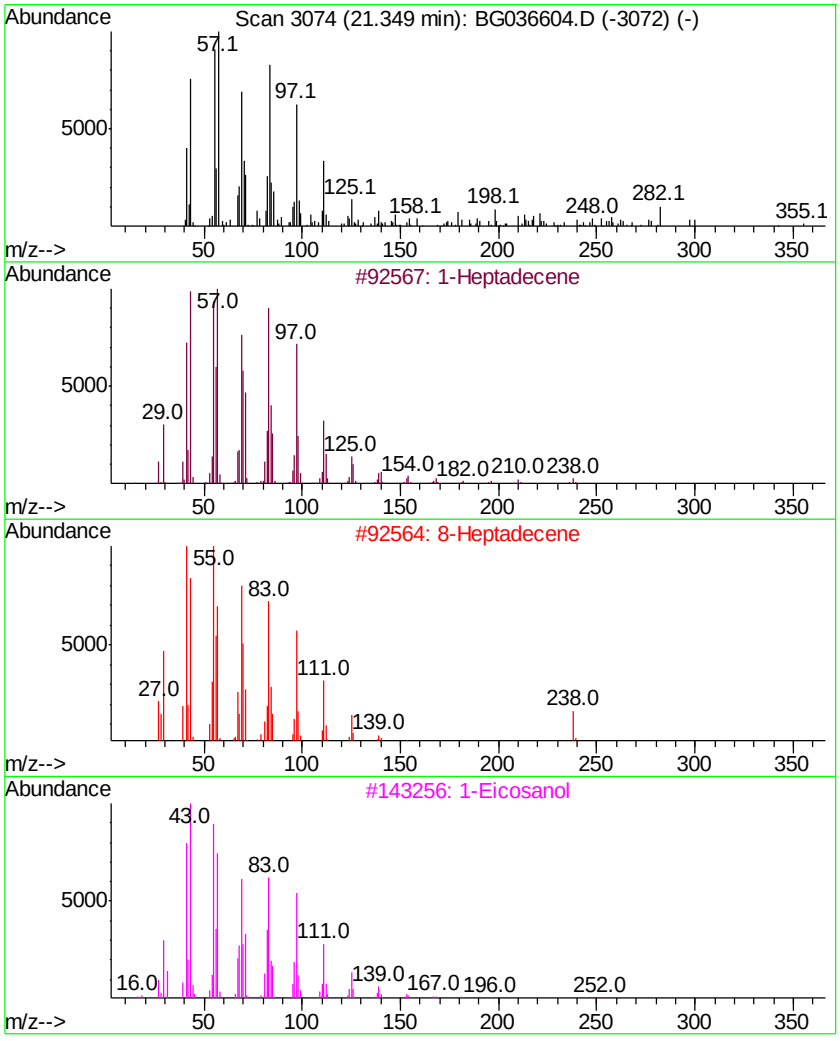
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

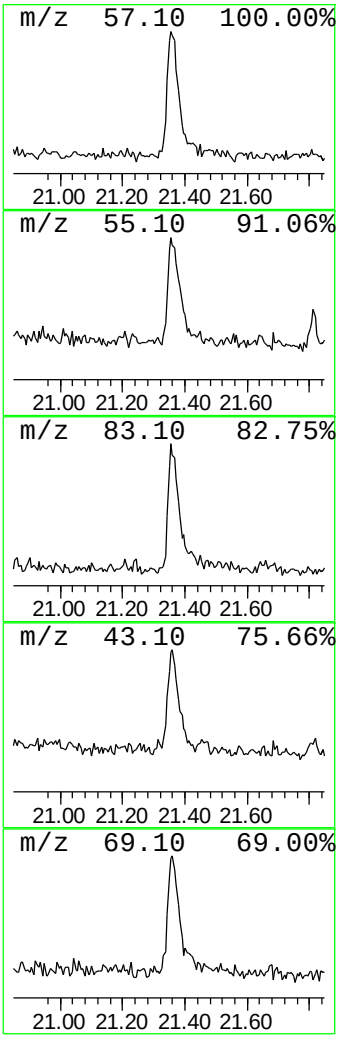
****

Peak Number 11 1-Heptadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.06 ng	173261	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	86
2	8-Heptadecene	238	C17H34	002579-04-6	83
3	1-Eicosanol	298	C20H42O	000629-96-9	76
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	74
5	E-7-Octadecene	252	C18H36	1000130-92-0	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG090718\
Data File : BG036604.D
Acq On : 7 Sep 2018 19:37
Operator : JU/SJ
Sample : J4801-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.16	4.7	ng	87027	1	8.06	372483	20.0
unknown7.59	7.59	110.5	ng	2058620	1	8.06	372483	20.0
unknown11.69	11.69	4.0	ng	110260	2	10.86	552278	20.0
unknown13.99	13.99	2.4	ng	97120	3	14.68	801536	20.0
unknown14.40	14.40	6.1	ng	245094	3	14.68	801536	20.0
unknown16.03	16.03	4.3	ng	171495	3	14.68	801536	20.0
Benzenesulfonamid...	16.36	3.5	ng	176843	4	17.42	1003980	20.0
n-Hexadecanoic acid	18.31	4.5	ng	228100	4	17.42	1003980	20.0
unknown19.57	19.57	5.3	ng	300970	5	21.69	1131790	20.0
1-Heptadecene	21.35	3.1	ng	173261	5	21.69	1131790	20.0