LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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	5.661	399	404	411	rBV	42801	70767	1.85%	0.338%
2	6.172	484	491	500	rBV	760100	1295208	33.95%	6.180%
3	7.853	769	777	787	rBV	735543	1411459	37.00%	6.735%
4	8.258	837	846	857	rBV	781014	1461502	38.31%	6.974%
5	8.740	921	928	938	rVB	164927	295722	7.75%	1.411%
6	9.075	978	985	1000	rVB	629953	1211436	31.75%	5.780%
7	9.939	1124	1132	1142	rVB	454277	840040	22.02%	4.008%
8	11.625	1412	1419	1427	rBV	223444	414073	10.85%	1.976%
9	12.882	1627	1633	1640	rBV	33358	52707	1.38%	0.251%
10	14.004	1817	1824	1832	rBV	1434107	2280605	59.78%	10.882%
11	14.803	1953	1960	1966	rBV	147958	221867	5.82%	1.059%
12	15.379	2051	2058	2071	rBV2	404640	692466	18.15%	3.304%
13	16.707	2278	2284	2292	rBV	162015	241860	6.34%	1.154%
14	16.854	2301	2309	2317	rBV	1552664	2458266	64.44%	11.730%
15	18.111	2516	2523	2531	rBV2	573953	913743	23.95%	4.360%
16	18.928	2657	2662	2672	rBV2	174928	285389	7.48%	1.362%
17	20.162	2868	2872	2880	rBV2	99354	170493	4.47%	0.814%
18	20.650	2948	2955	2965	rVB	2812537	3814988	100.00%	18.204%
19	21.989	3177	3183	3193	rBV	214857	358113	9.39%	1.709%
20	22.447	3253	3261	3270	rBV	618841	1156018	30.30%	5.516%
21	23.323	3401	3410	3417	rBV7	26259	78890	2.07%	0.376%
22	26.149	3879	3891	3903	rBV	357891	1181283	30.96%	5.637%
23	27.624	4137	4142	4154	rVB	15288	50547	1.32%	0.241%

Sum of corrected areas: 20957442

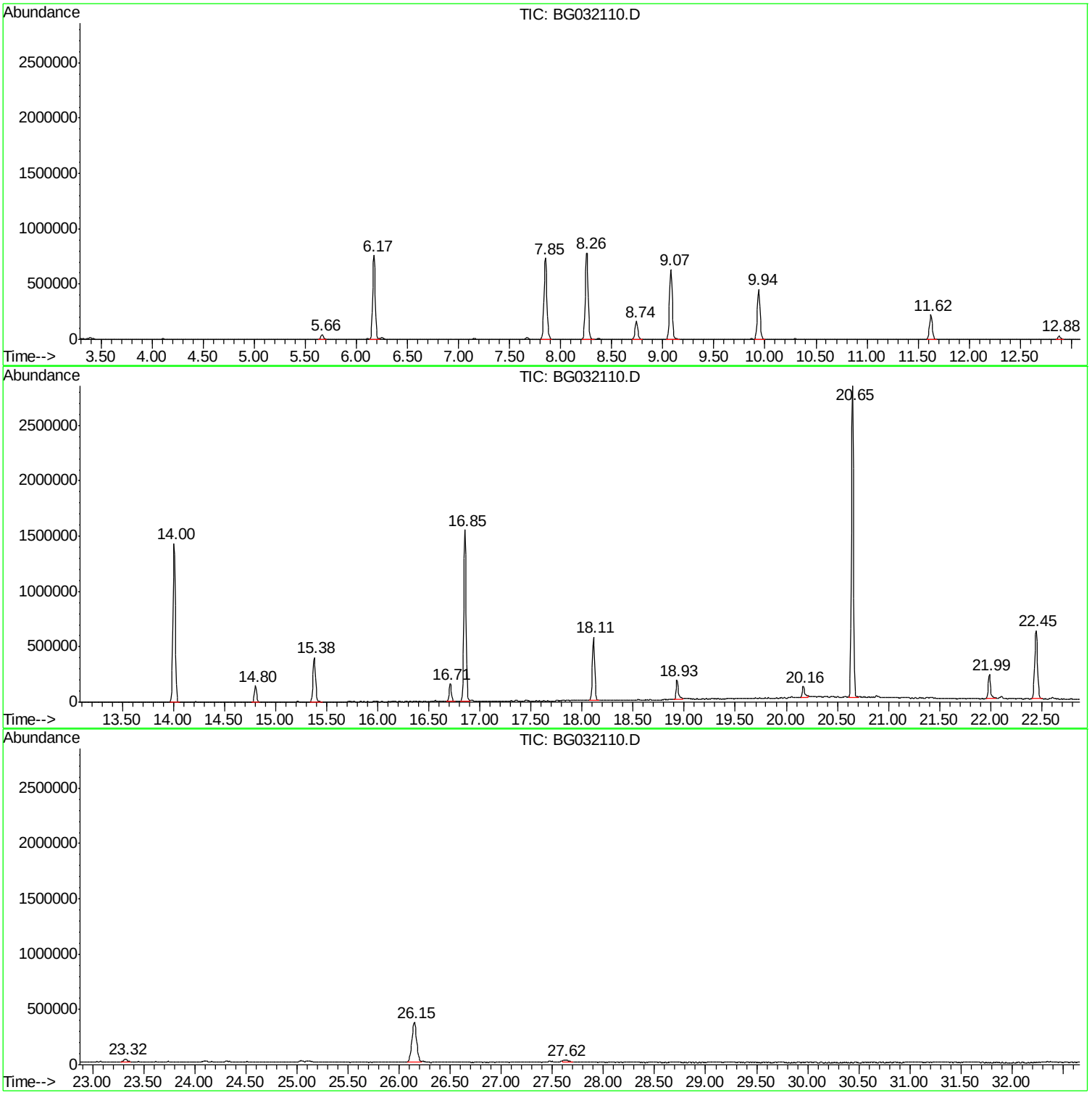
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

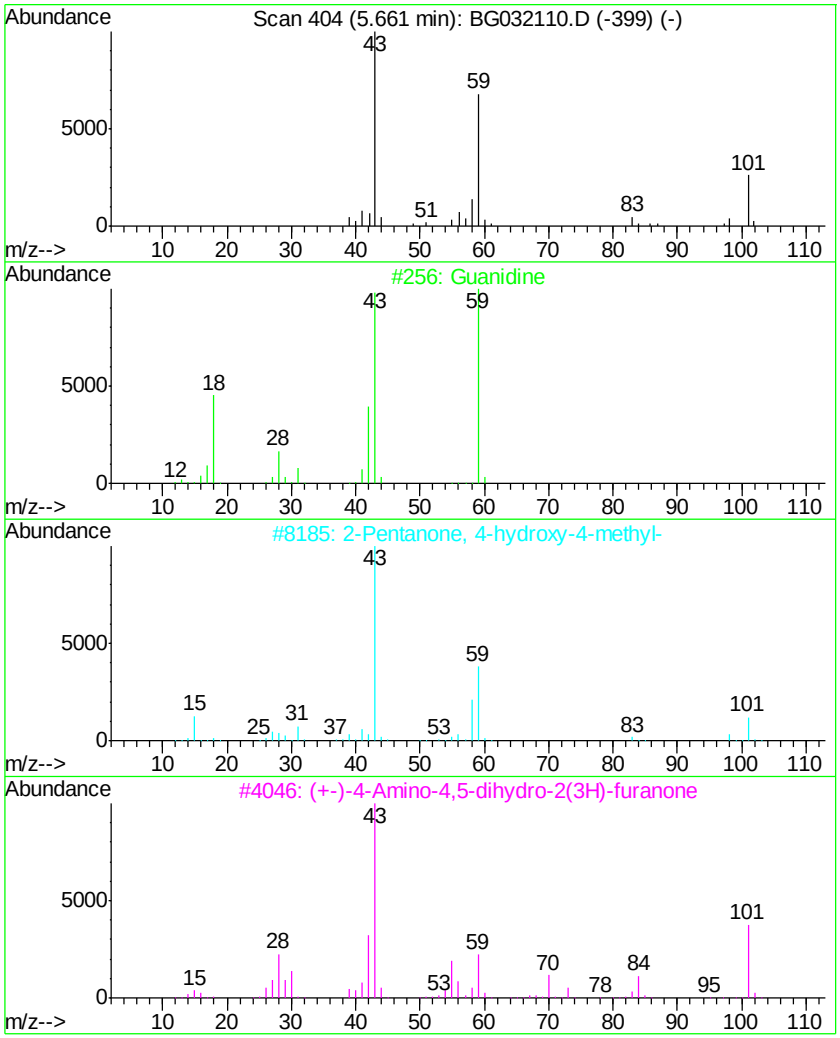
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

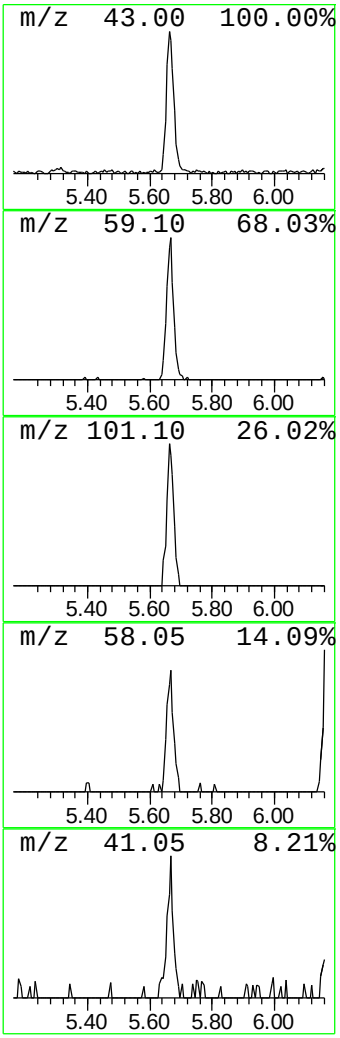
****

Peak Number 1 unknown5.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	4.79 ng	70767	1,4-Dichlorobenzene-d4	8.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	37





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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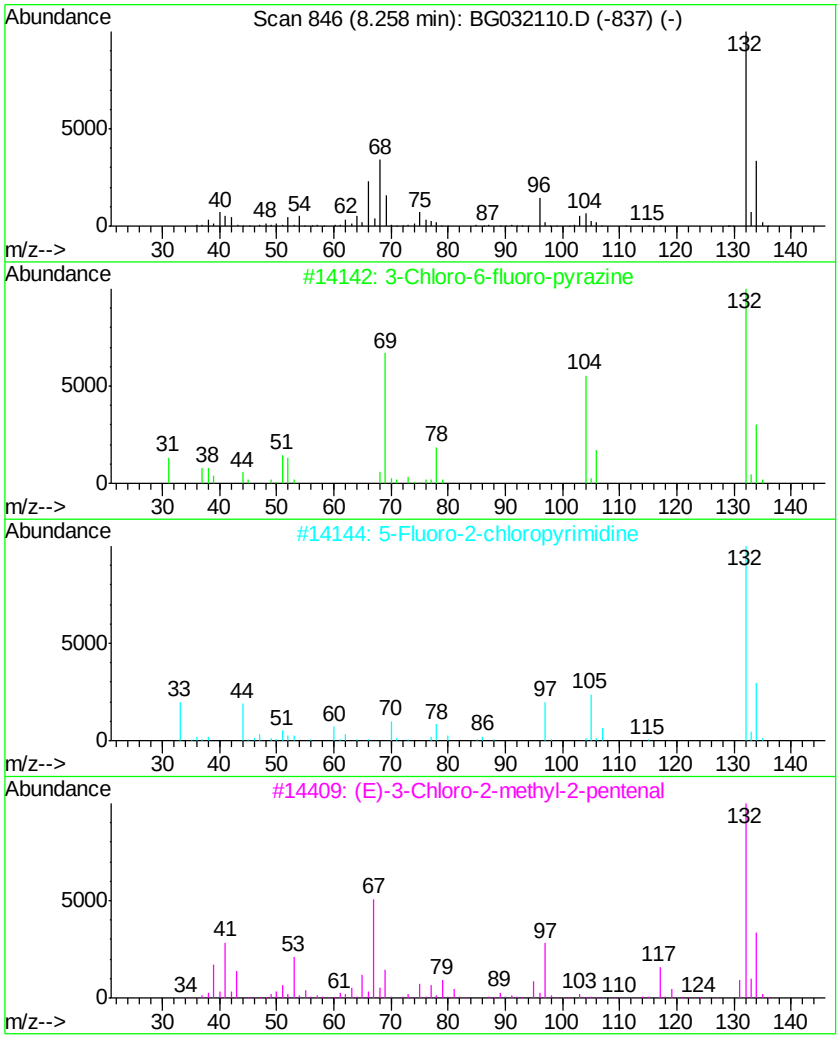
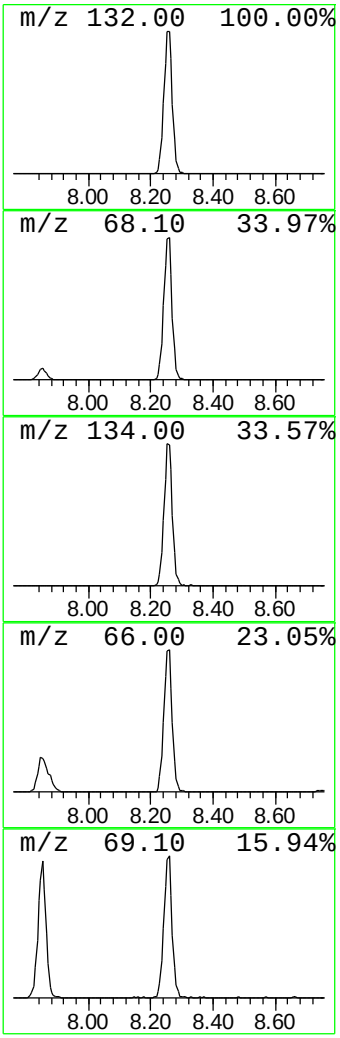
Peak Number 2 unknown8.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	98.84 ng	1461500	1,4-Dichlorobenzene-d4	8.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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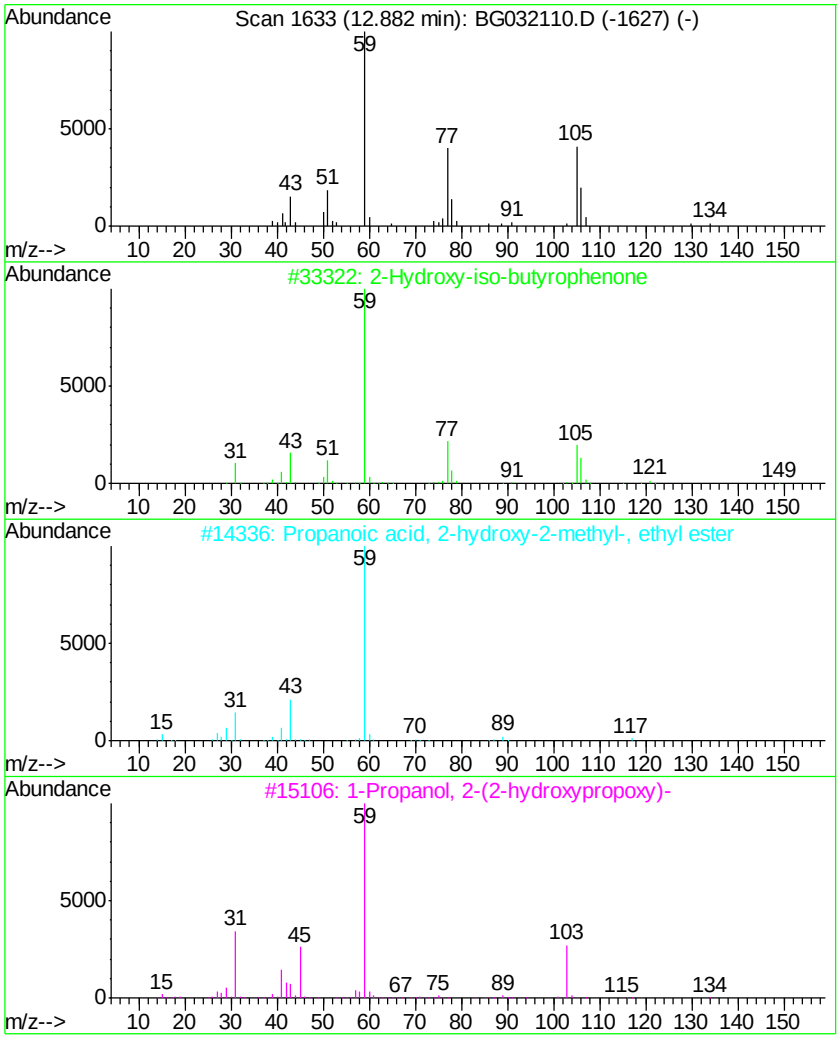
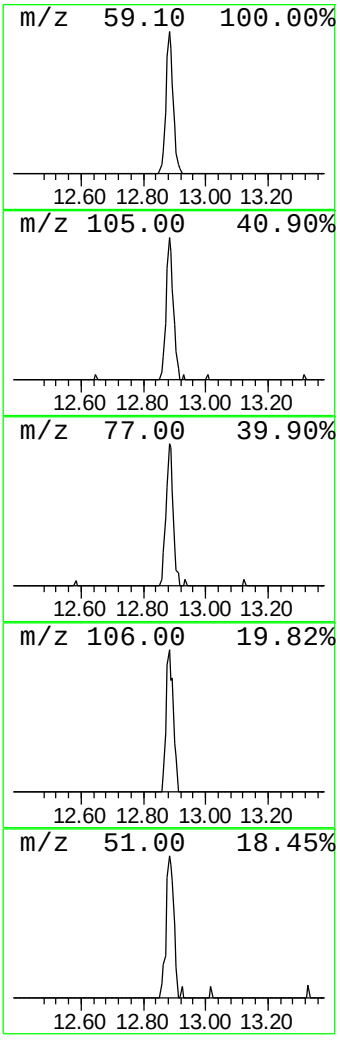
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	2.55 ng	52707	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	72
2	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	9
4	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9
5	Formamide, N-methyl-	59	C2H5NO	000123-39-7	7





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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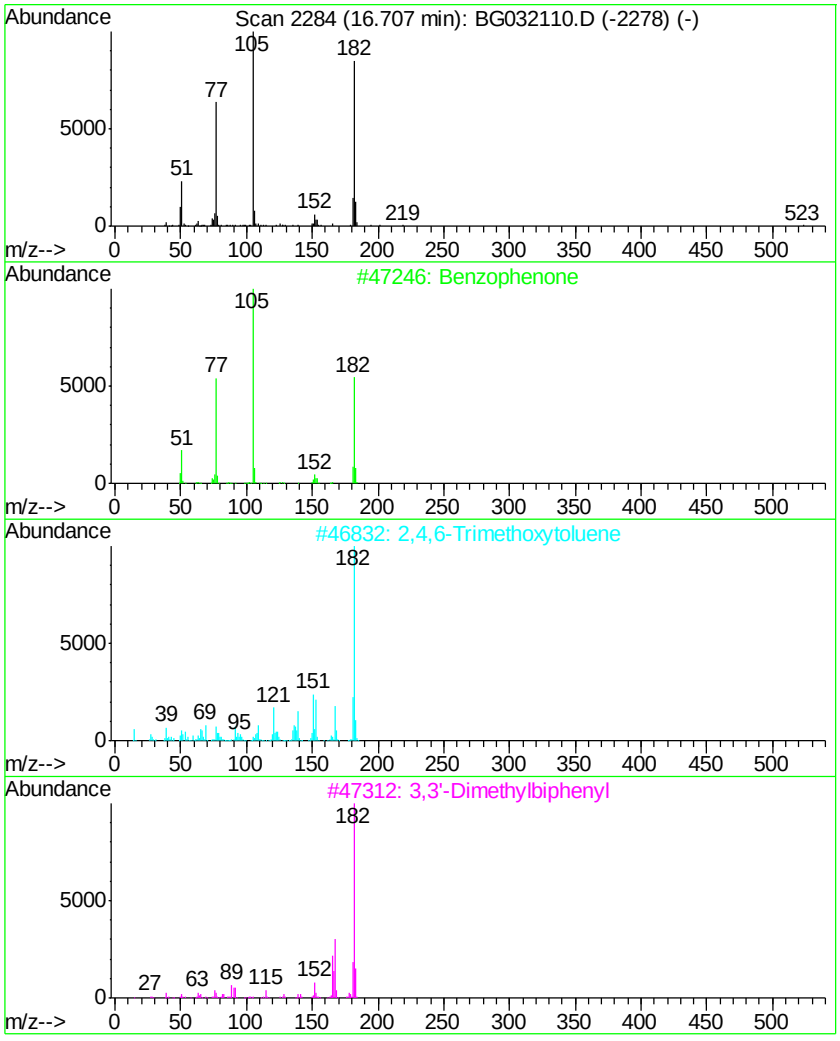
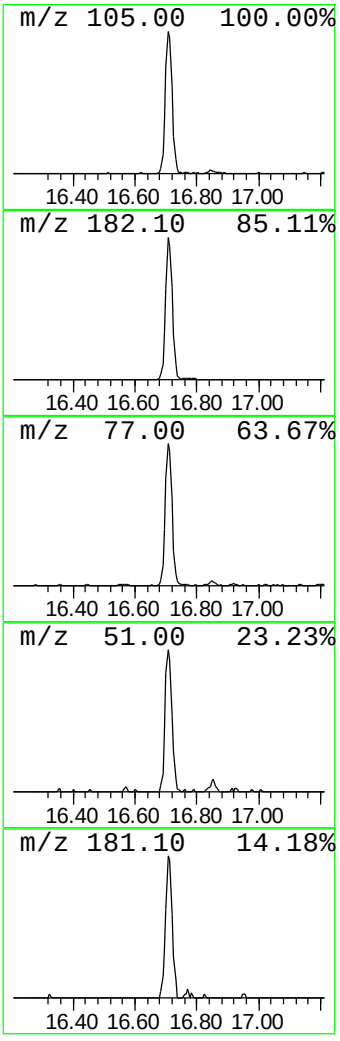
Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	6.99 ng	241860	Acenaphthene-d10	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	43
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	43
4	Bicyclo[3.2.1]octane-6-carboxyli...	182	C10H14O3	1000362-16-3	42
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

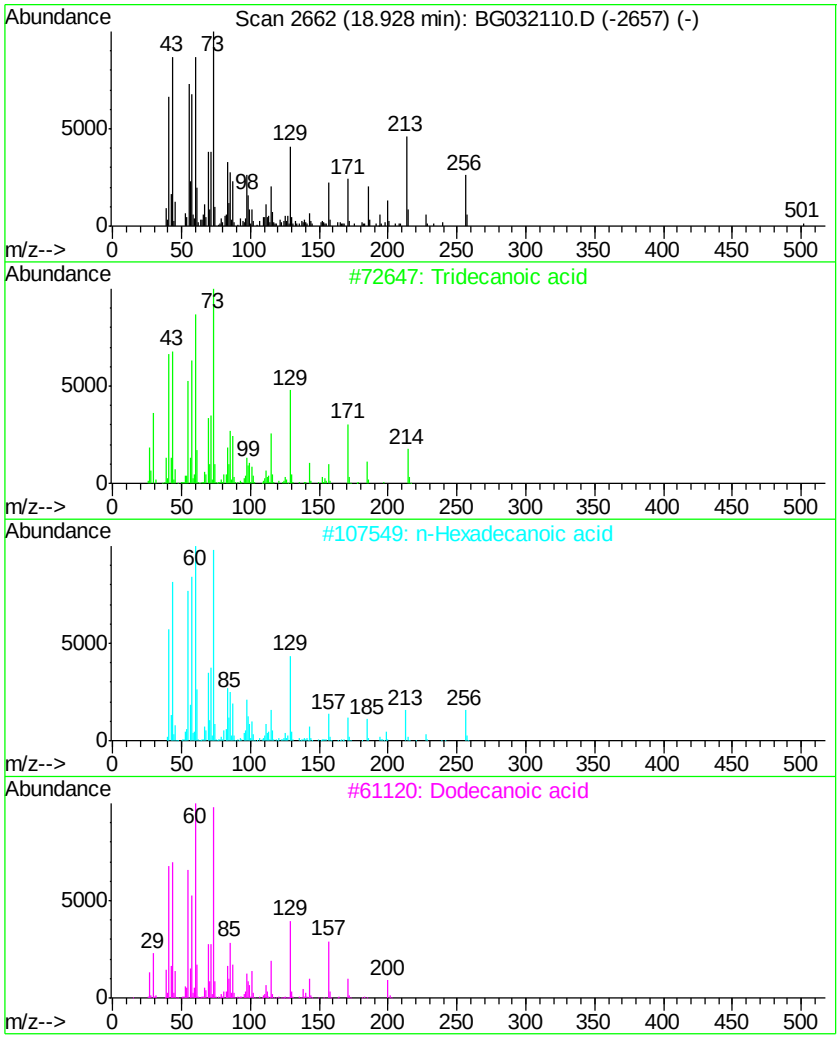
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

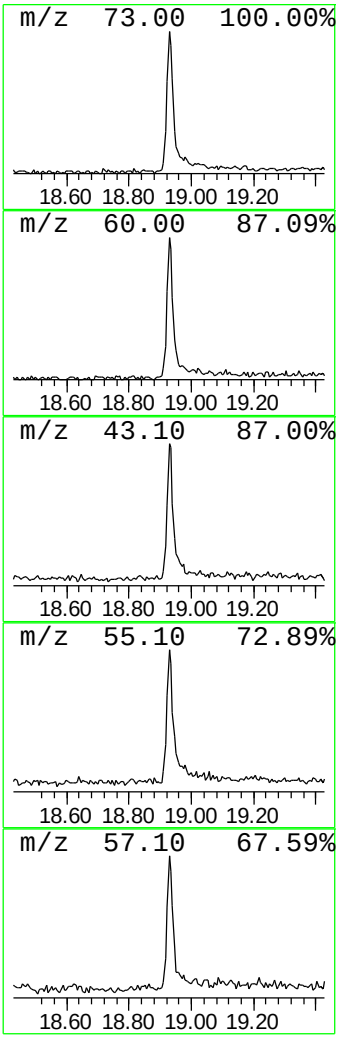
****

Peak Number 6 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	6.25 ng	285389	Phenanthrene-d10	18.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Dodecanoic acid	200	C12H24O2	000143-07-7	53
4	Octadecanoic acid	284	C18H36O2	000057-11-4	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

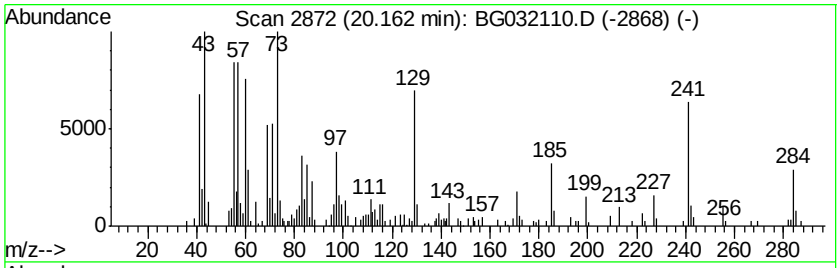
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

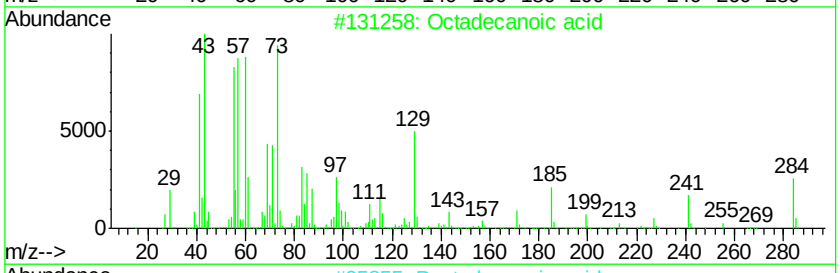
****

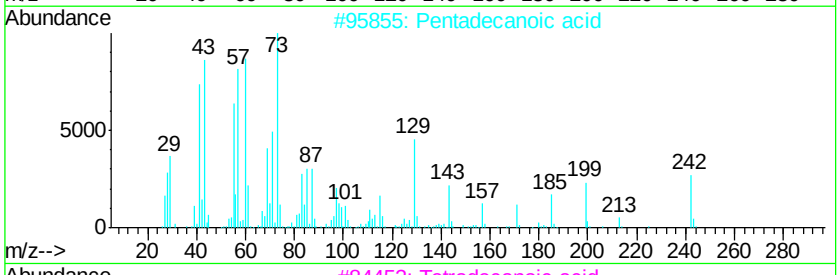
Peak Number 7 Octadecanoic acid Concentration Rank 7

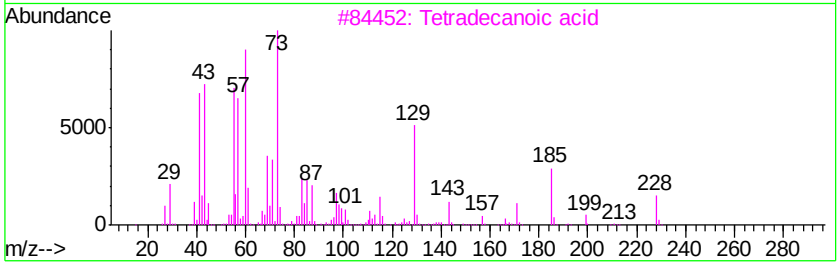
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	3.73 ng	170493	Phenanthrene-d10	18.11

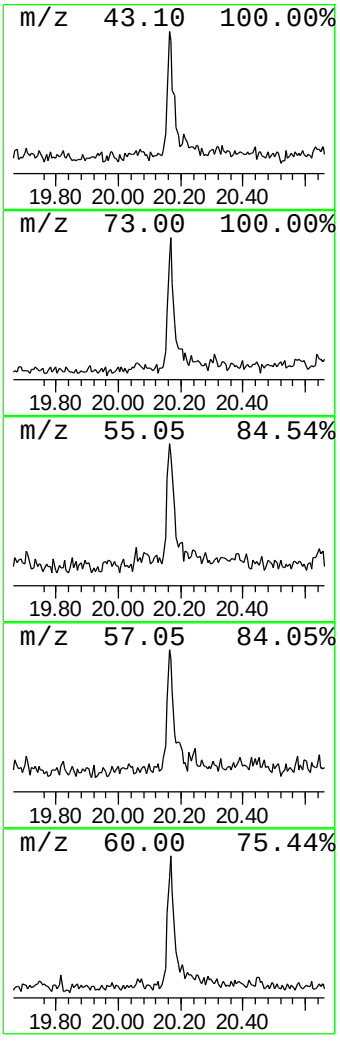
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	46











Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

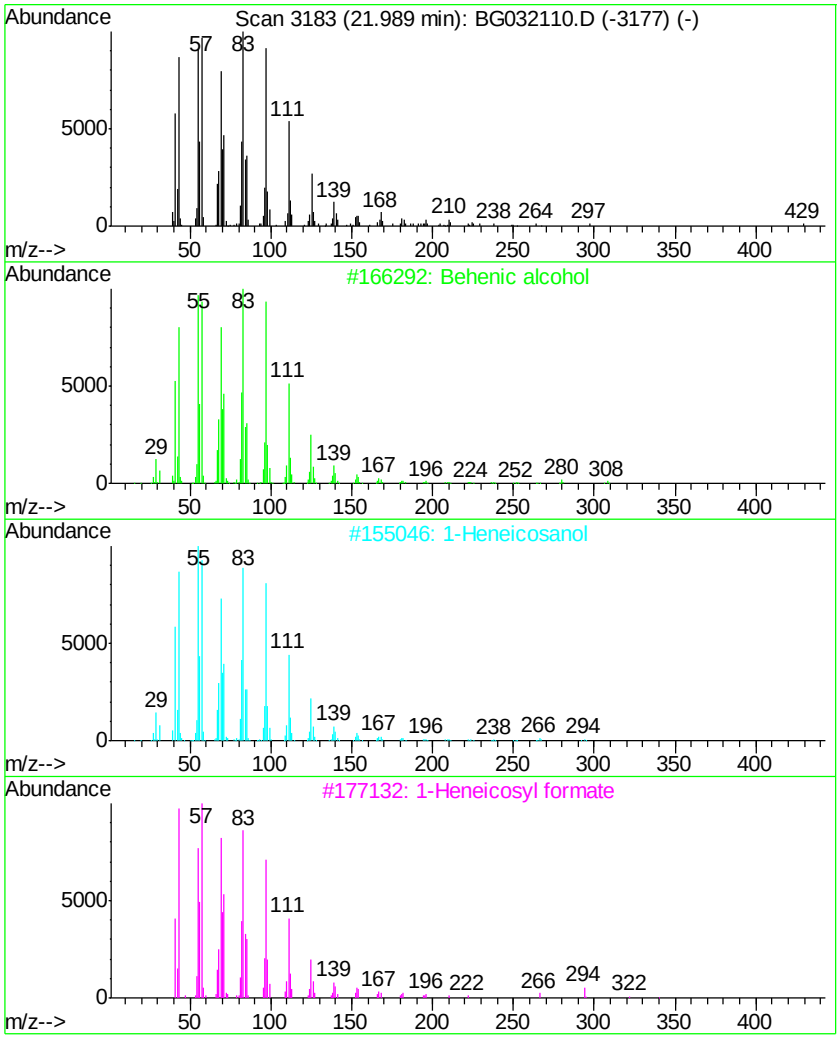
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

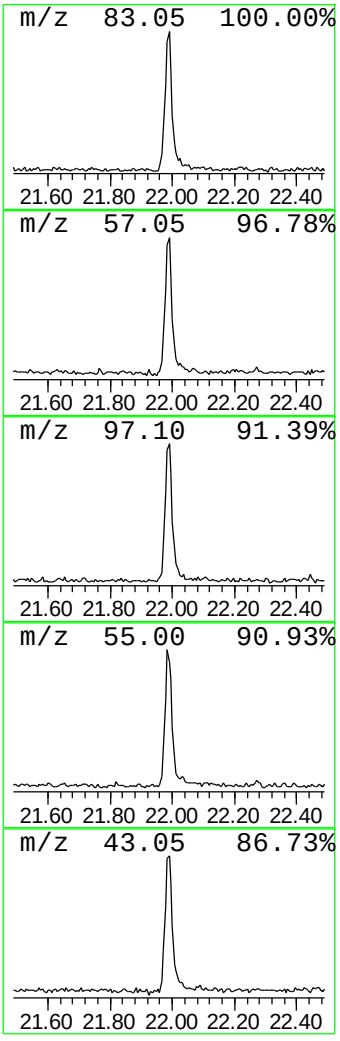
****

Peak Number 8 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	6.20 ng	358113	Chrysene-d12	22.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032110.D
Acq On : 17 Jan 2018 21:06
Operator : SJ/JU
Sample : J1165-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 19A-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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
unknown5.66	5.66	4.8	ng	70767	1	8.74	295722	20.0
unknown8.26	8.26	98.8	ng	1461500	1	8.74	295722	20.0
2-Hydroxy-iso-but...	12.88	2.5	ng	52707	2	11.62	414073	20.0
Benzophenone	16.71	7.0	ng	241860	3	15.38	692466	20.0
Tridecanoic acid	18.93	6.3	ng	285389	4	18.11	913743	20.0
Octadecanoic acid	20.16	3.7	ng	170493	4	18.11	913743	20.0
Behenic alcohol	21.99	6.2	ng	358113	5	22.45	1156020	20.0