LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031925.D
Acq On : 4 Jan 2018 21:14
Operator : SJ/JU
Sample : J1025-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(70-72)

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-BG122117.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	3.422	16	23	34	rBV2	47962	102375	2.44%	0.510%
2	3.510	34	38	46	rVB	30585	46023	1.10%	0.229%
3	5.702	404	411	421	rBV	66373	109216	2.60%	0.544%
4	6.213	489	498	512	rBV	707525	1235280	29.46%	6.157%
5	7.888	775	783	794	rBV	692988	1360828	32.45%	6.783%
6	8.299	844	853	863	rBV	759855	1385980	33.05%	6.908%
7	8.787	929	936	945	rVB	139406	249513	5.95%	1.244%
8	9.121	982	993	1004	rBV	553444	1010620	24.10%	5.037%
9	9.985	1131	1140	1153	rBV	398866	767573	18.30%	3.826%
10	11.671	1418	1427	1437	rBV	190579	356231	8.49%	1.776%
11	14.045	1823	1831	1842	rBV	1332635	2172395	51.80%	10.828%
12	14.838	1960	1966	1973	rBV	176348	268248	6.40%	1.337%
13	15.414	2057	2064	2073	rVB3	347659	580092	13.83%	2.891%
14	16.889	2308	2315	2330	rBV	1550819	2548865	60.78%	12.705%
15	18.146	2522	2529	2539	rVB2	564258	899606	21.45%	4.484%
16	18.963	2662	2668	2683	rBV2	127808	213781	5.10%	1.066%
17	20.203	2874	2879	2887	rBV2	60829	94139	2.24%	0.469%
18	20.684	2954	2961	2969	rBV	2944101	4193598	100.00%	20.903%
19	22.030	3185	3190	3198	rBV	138987	205480	4.90%	1.024%
20	22.494	3261	3269	3282	rVB2	632066	1170679	27.92%	5.835%
21	26.231	3893	3905	3920	rVB2	307470	1092019	26.04%	5.443%

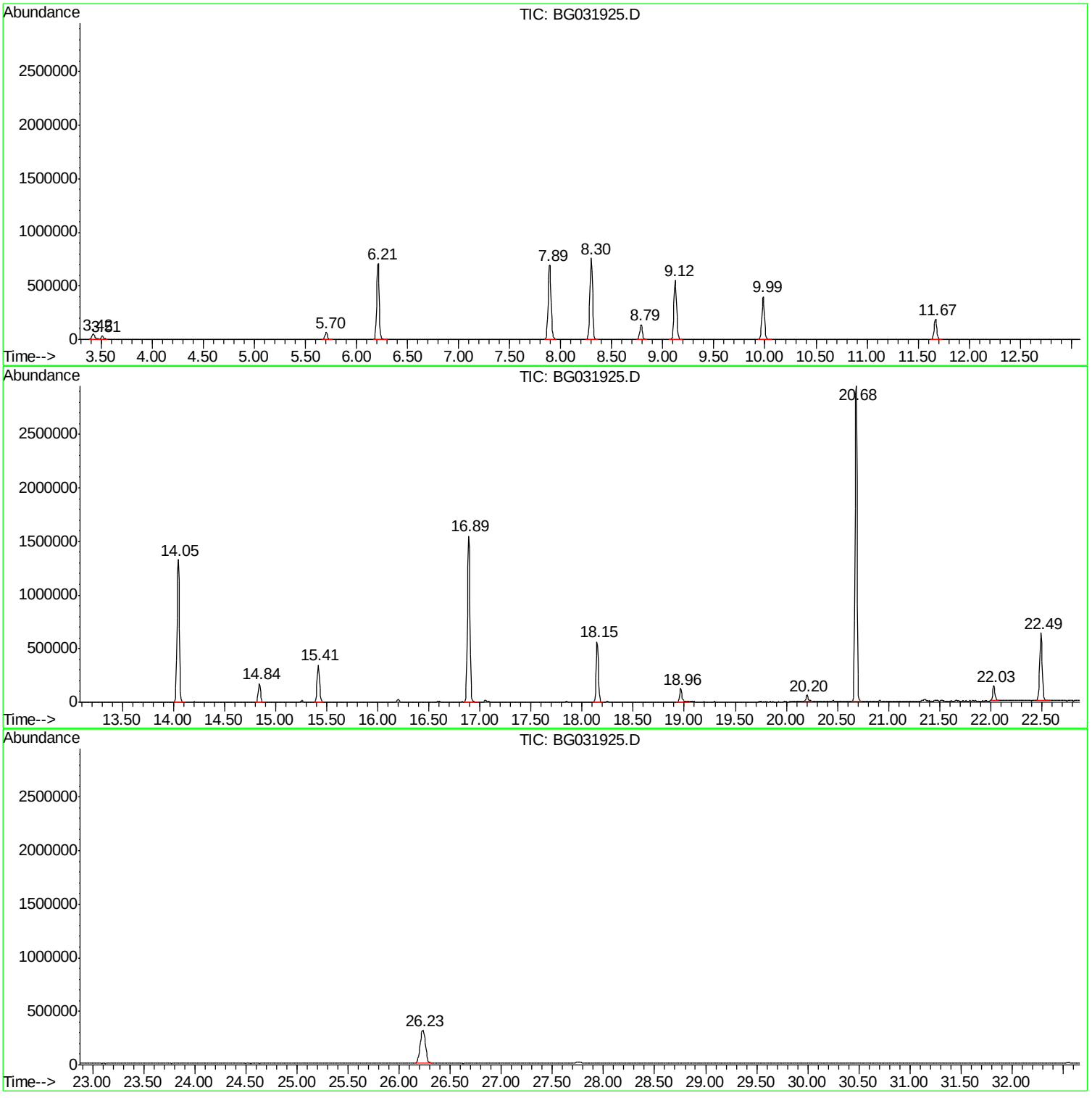
Sum of corrected areas: 20062541

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031925.D
Acq On : 4 Jan 2018 21:14
Operator : SJ/JU
Sample : J1025-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-2(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031925.D
Acq On : 4 Jan 2018 21:14
Operator : SJ/JU
Sample : J1025-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

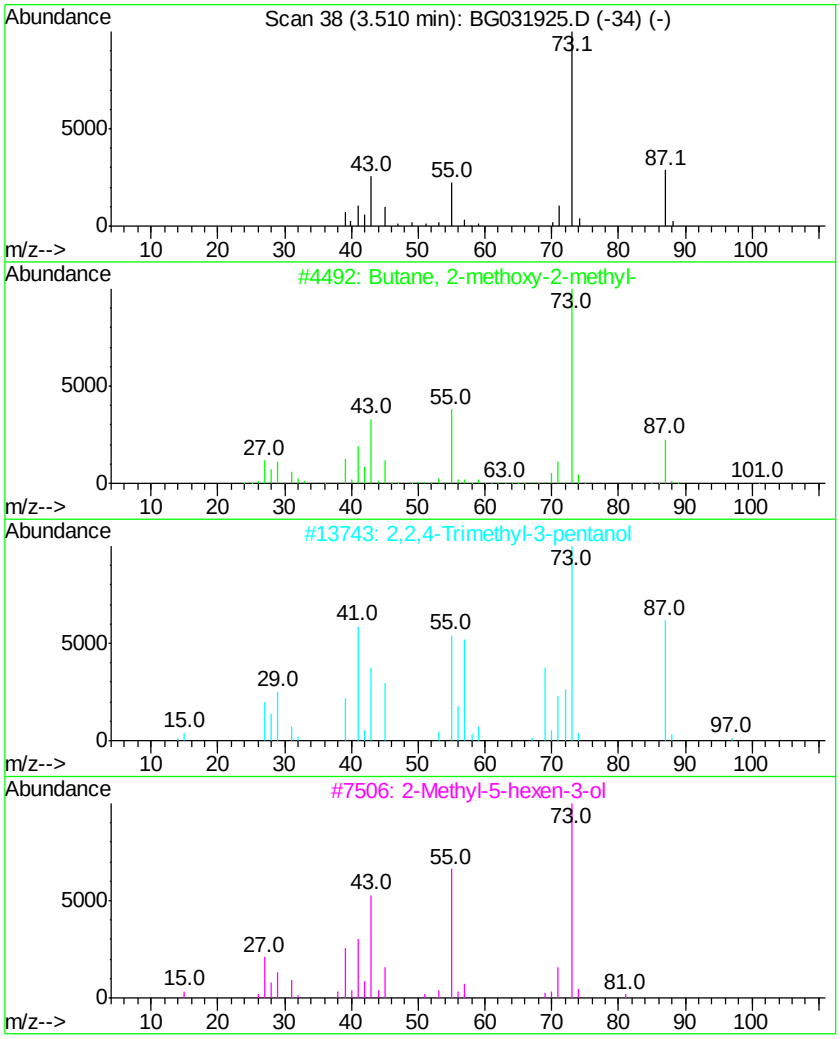
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

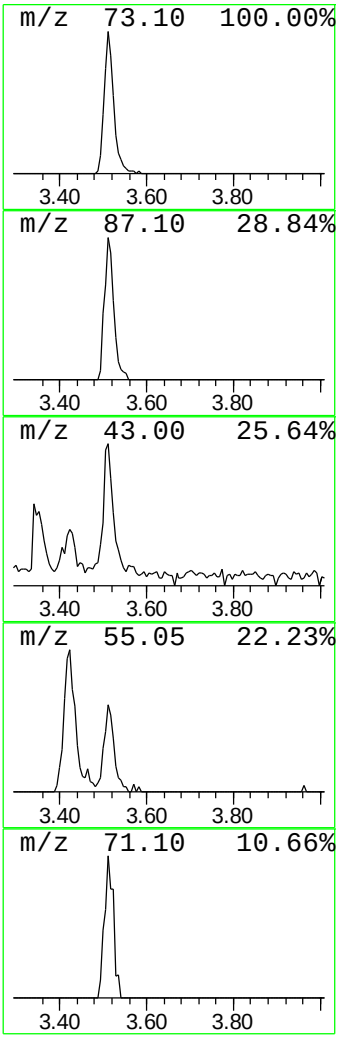
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	3.69 ng	46023	1,4-Dichlorobenzene-d4	8.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031925.D
Acq On : 4 Jan 2018 21:14
Operator : SJ/JU
Sample : J1025-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

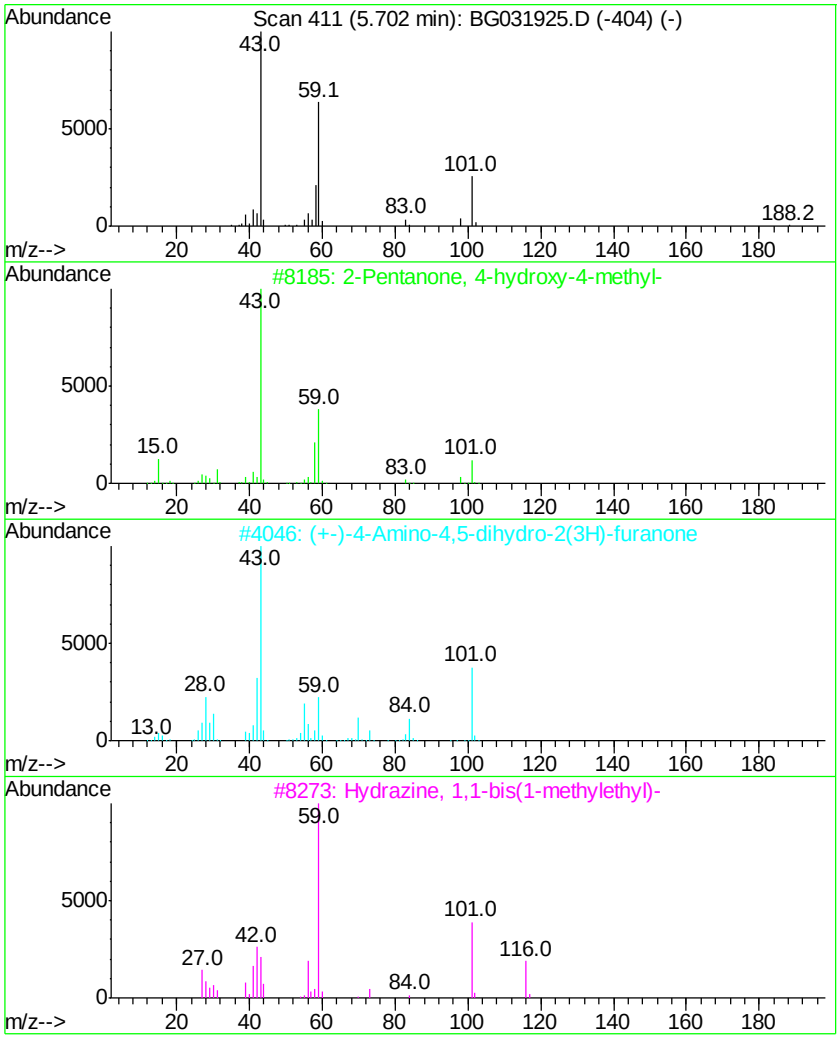
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

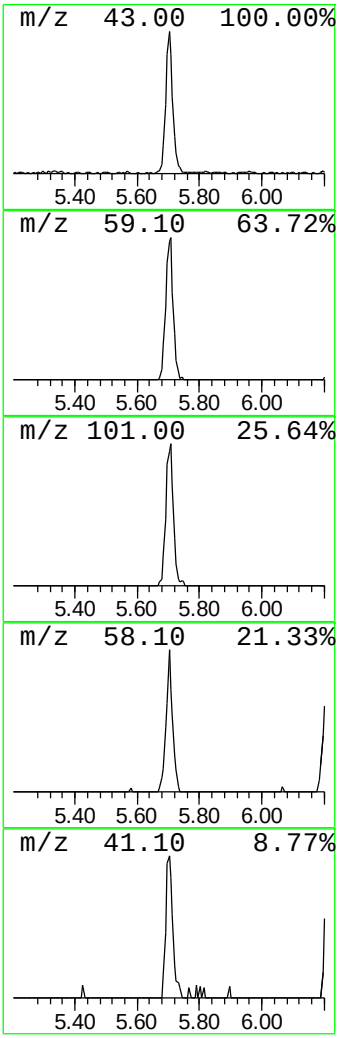
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	8.75 ng	109216	1,4-Dichlorobenzene-d4	8.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12





Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031925.D
Acq On : 4 Jan 2018 21:14
Operator : SJ/JU
Sample : J1025-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

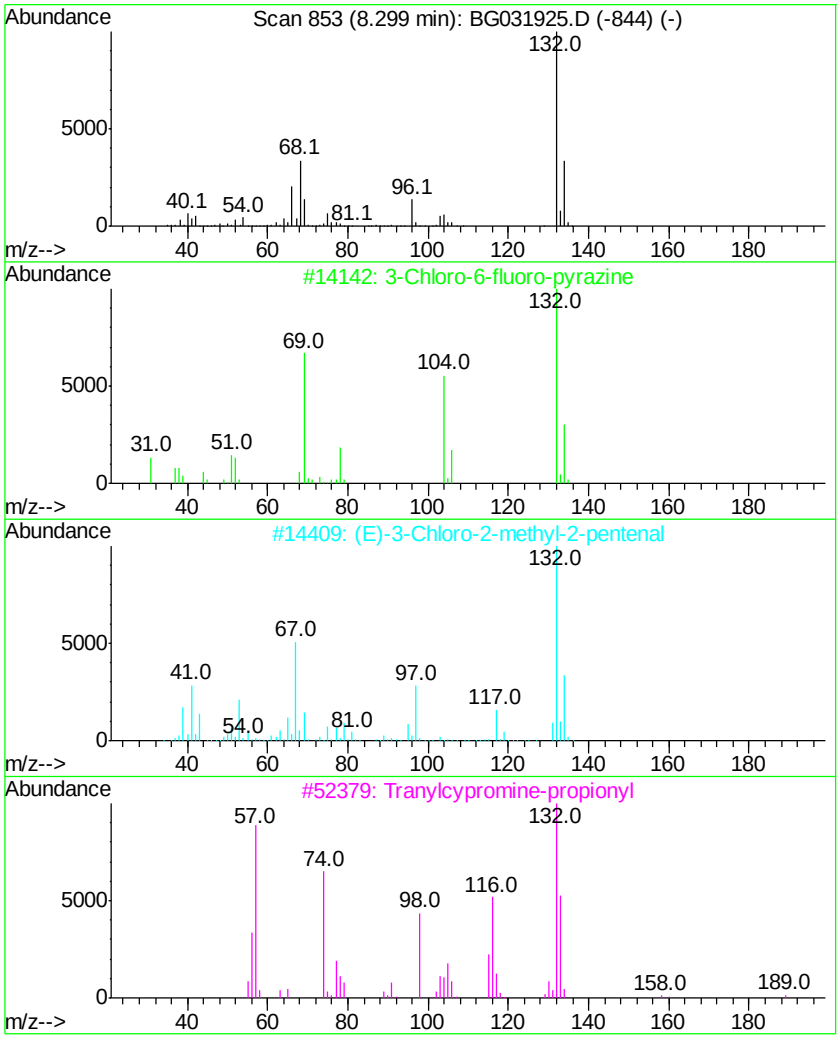
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

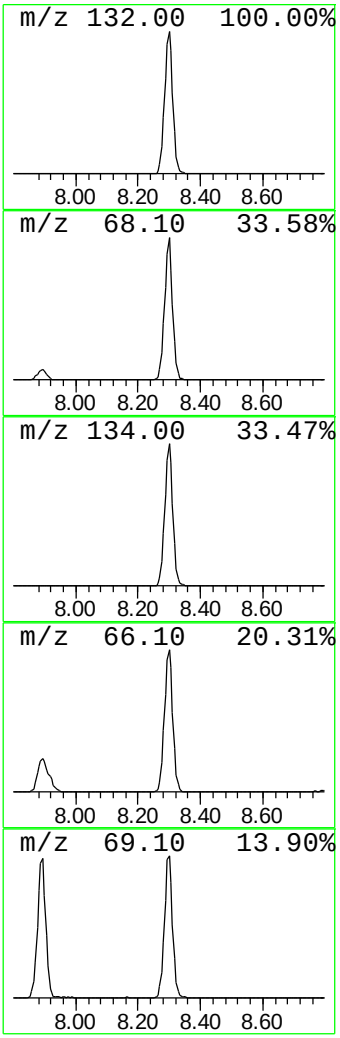
****

Peak Number 4 unknown8.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	111.10 ng	1385980	1,4-Dichlorobenzene-d4	8.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031925.D
Acq On : 4 Jan 2018 21:14
Operator : SJ/JU
Sample : J1025-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

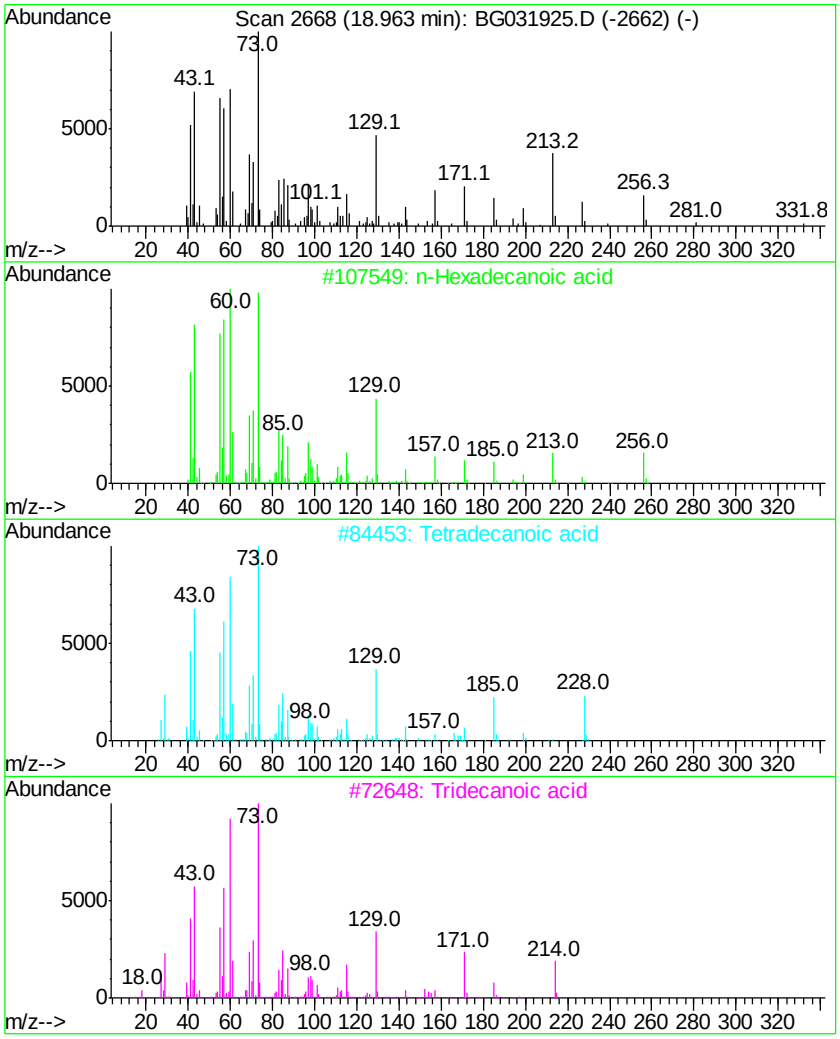
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

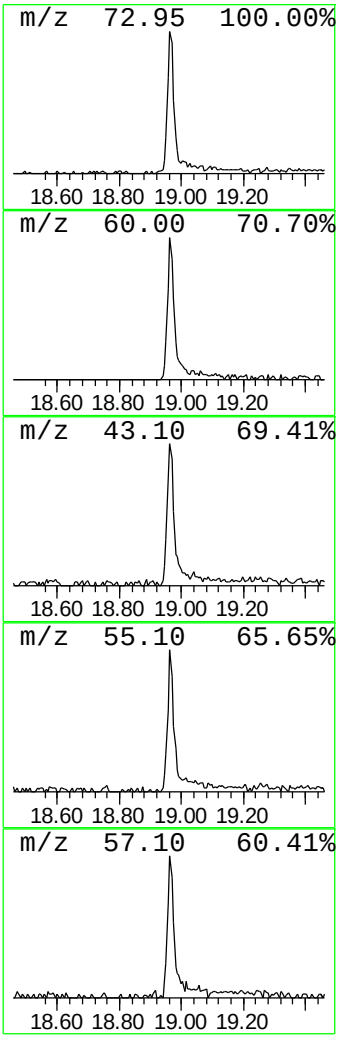
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	4.75 ng	213781	Phenanthrene-d10	18.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	55





Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031925.D
Acq On : 4 Jan 2018 21:14
Operator : SJ/JU
Sample : J1025-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

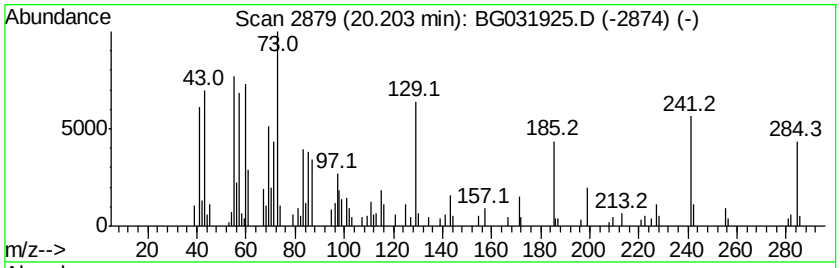
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

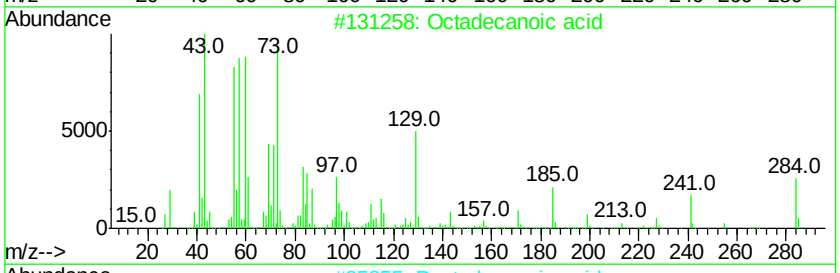
****

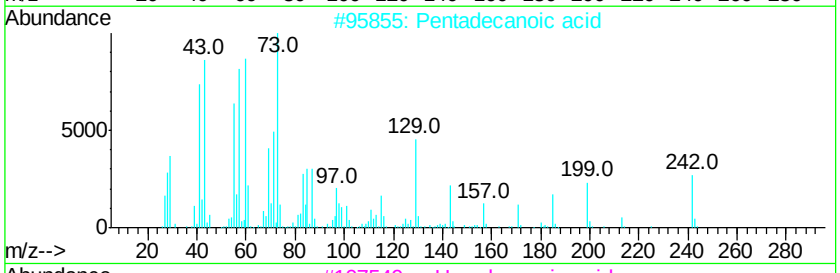
Peak Number 7 Octadecanoic acid Concentration Rank 8

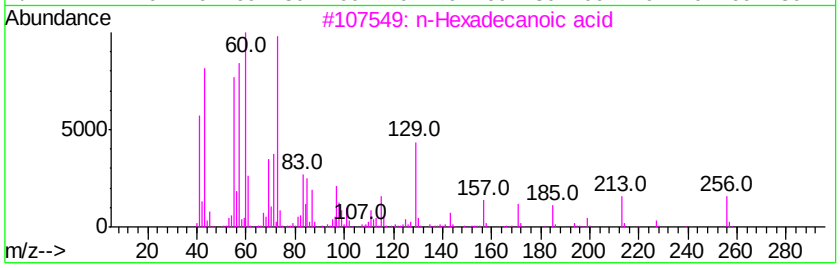
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	2.09 ng	94139	Phenanthrene-d10	18.15

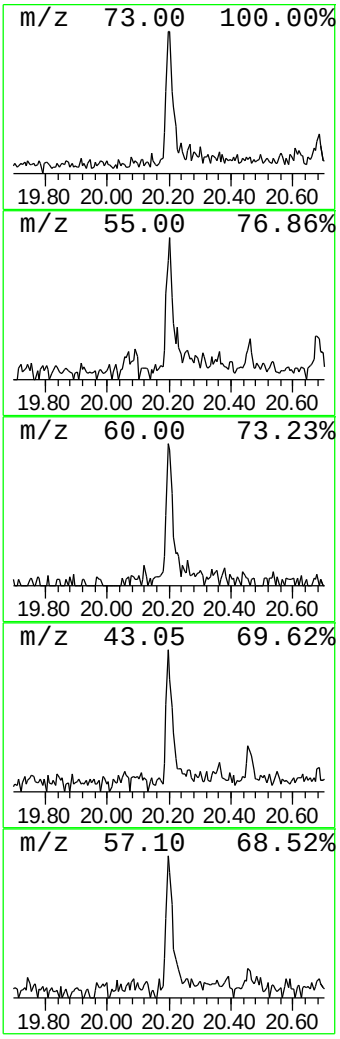
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
4	Undecanoic acid	186	C11H22O2	000112-37-8	45
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38











Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031925.D
Acq On : 4 Jan 2018 21:14
Operator : SJ/JU
Sample : J1025-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

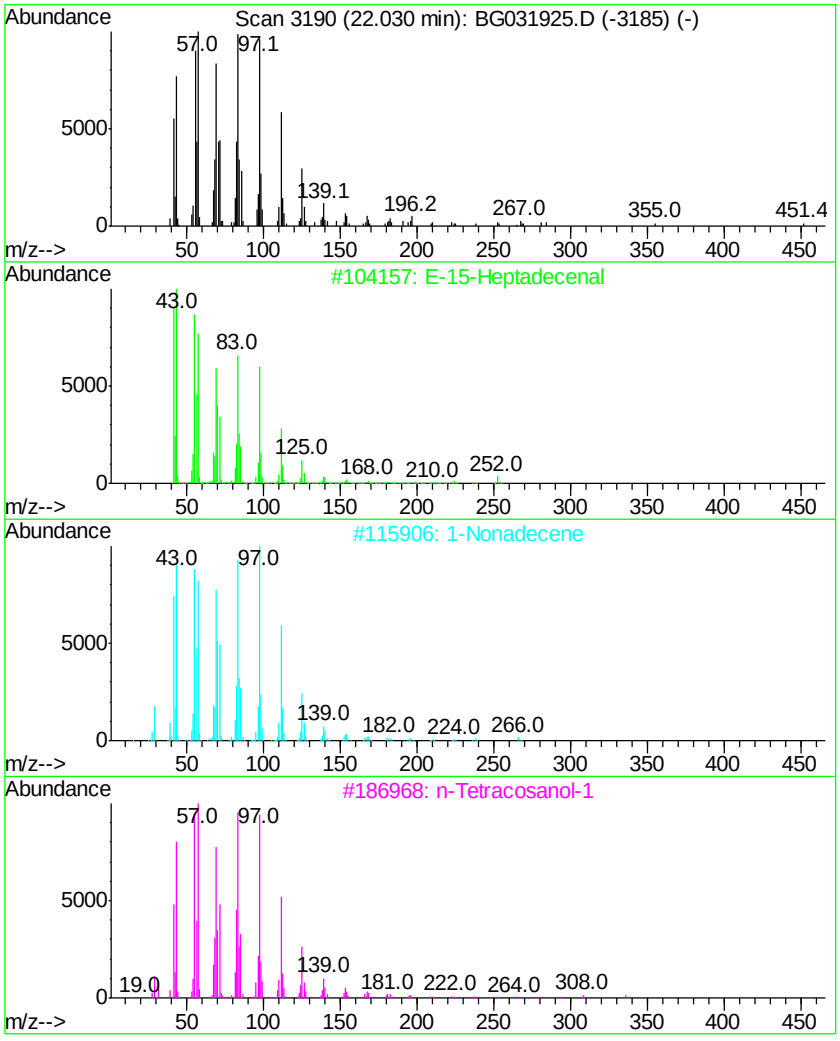
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

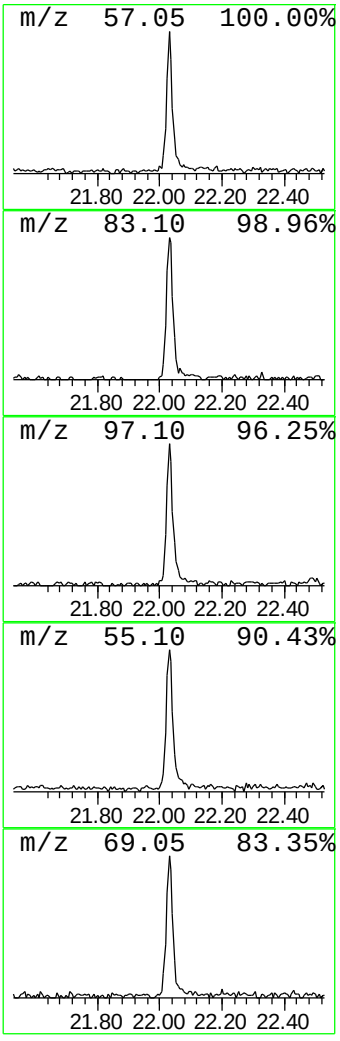
****

Peak Number 8 E-15-Heptadecenal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	3.51 ng	205480	Chrysene-d12	22.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	99
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_G\DATA\BG010418\
Data File : BG031925.D
Acq On : 4 Jan 2018 21:14
Operator : SJ/JU
Sample : J1025-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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
Butane, 2-methoxy...	3.51	3.7	ng	46023	1	8.79	249513	20.0
2-Pentanone, 4-hy...	5.70	8.8	ng	109216	1	8.79	249513	20.0
unknown8.30	8.30	111.1	ng	1385980	1	8.79	249513	20.0
n-Hexadecanoic acid	18.96	4.8	ng	213781	4	18.15	899606	20.0
Octadecanoic acid	20.20	2.1	ng	94139	4	18.15	899606	20.0
E-15-Heptadecenal	22.03	3.5	ng	205480	5	22.49	1170680	20.0