LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019877.D
Acq On : 3 Dec 2015 19:23
Operator : UM/NP
Sample : G4617-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-10

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-BG120215.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	5.197	395	401	409	rVB	36075	54319	1.94%	0.412%
2	5.661	473	480	490	rVB	243046	383725	13.71%	2.907%
3	7.259	745	752	764	rVB	166052	287195	10.26%	2.176%
4	7.647	810	818	832	rVB	451804	766701	27.40%	5.809%
5	8.123	892	899	906	rBV	112358	184717	6.60%	1.400%
6	8.446	946	954	962	rBV	405029	687534	24.57%	5.209%
7	9.292	1088	1098	1106	rBV	364605	643408	23.00%	4.875%
8	10.943	1372	1379	1385	rBV	166240	291899	10.43%	2.212%
9	13.382	1786	1794	1803	rVB	1132382	1732185	61.91%	13.124%
10	14.751	2020	2027	2034	rBV2	288025	475449	16.99%	3.602%
11	14.815	2034	2038	2043	rVB	32528	46840	1.67%	0.355%
12	15.796	2199	2205	2209	rBV	22819	32892	1.18%	0.249%
13	16.237	2272	2280	2288	rBV	1023193	1542721	55.14%	11.688%
14	17.494	2488	2494	2499	rBV2	422680	632415	22.60%	4.792%
15	17.535	2499	2501	2508	rVV	73037	94652	3.38%	0.717%
16	17.629	2512	2517	2522	rVB	36174	54305	1.94%	0.411%
17	18.376	2639	2644	2649	rBV2	68767	101127	3.61%	0.766%
18	18.564	2670	2676	2682	rBV2	12936	31824	1.14%	0.241%
19	19.539	2837	2842	2848	rVB	66764	103881	3.71%	0.787%
20	19.645	2855	2860	2868	rBV	99834	155243	5.55%	1.176%
21	19.897	2900	2903	2912	rVB	47311	70163	2.51%	0.532%
22	20.103	2931	2938	2943	rBV	2215102	2797989	100.00%	21.199%
23	20.309	2969	2973	2977	rBV2	21266	28618	1.02%	0.217%
24	20.385	2978	2986	2993	rVV8	12544	40534	1.45%	0.307%
25	20.790	3051	3055	3060	rVB	41517	55656	1.99%	0.422%
26	20.861	3063	3067	3074	rVB7	20198	39848	1.42%	0.302%
27	21.008	3088	3092	3095	rBV3	22317	32635	1.17%	0.247%
28	21.055	3096	3100	3104	rVV	49243	61289	2.19%	0.464%
29	21.120	3108	3111	3118	rVB2	24632	33389	1.19%	0.253%
30	21.413	3159	3161	3170	rVB9	19310	34417	1.23%	0.261%
31	21.566	3183	3187	3192	rVB2	35729	50026	1.79%	0.379%
32	21.642	3195	3200	3203	rBV4	21226	36774	1.31%	0.279%
33	21.772	3214	3222	3228	rBV	476702	849608	30.36%	6.437%
34	25.068	3773	3783	3794	rBV	274309	764694	27.33%	5.794%

LSC Area Percent Report

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Misc :
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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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 13198672

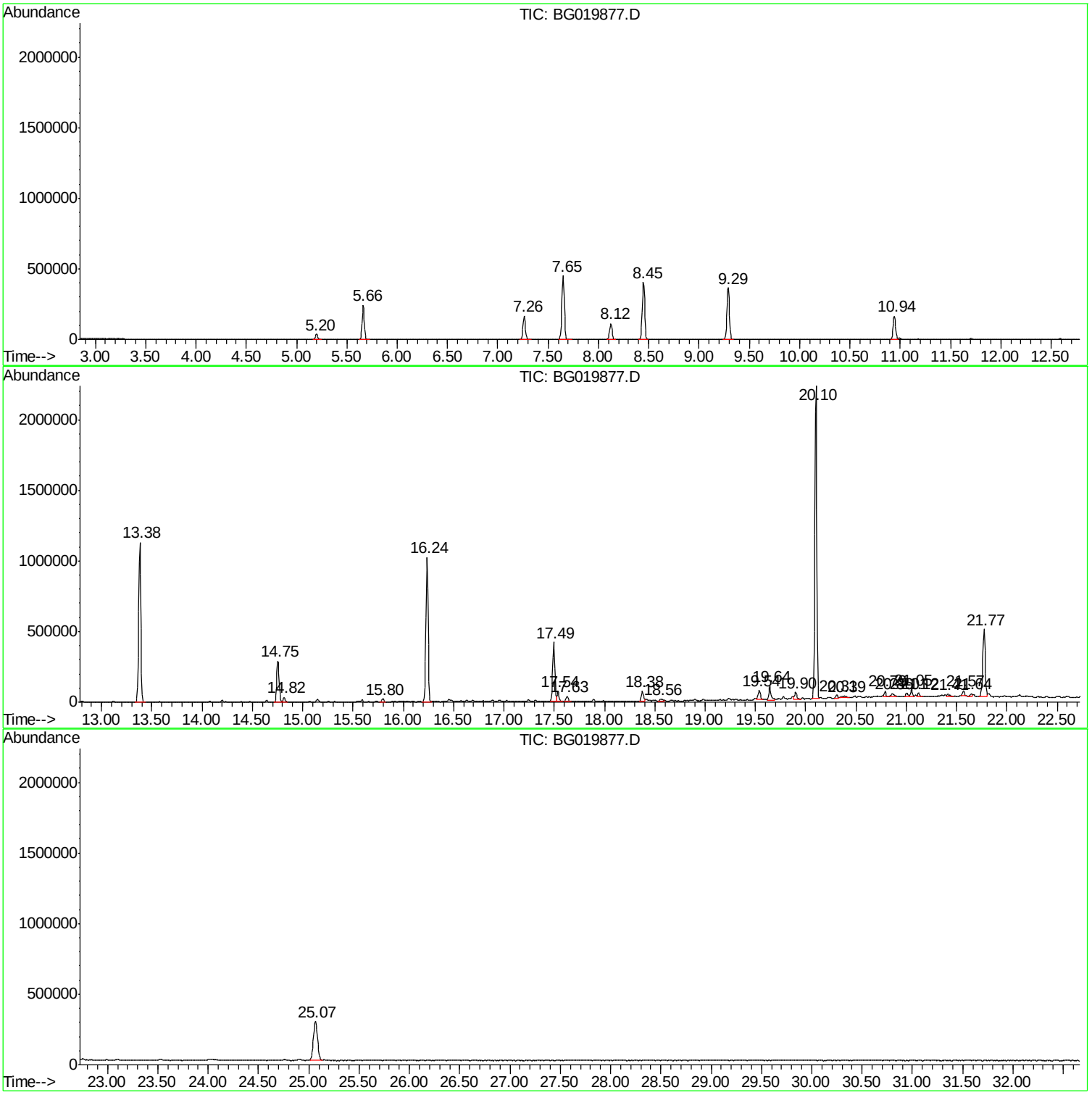
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019877.D
Acq On : 3 Dec 2015 19:23
Operator : UM/NP
Sample : G4617-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019877.D
Acq On : 3 Dec 2015 19:23
Operator : UM/NP
Sample : G4617-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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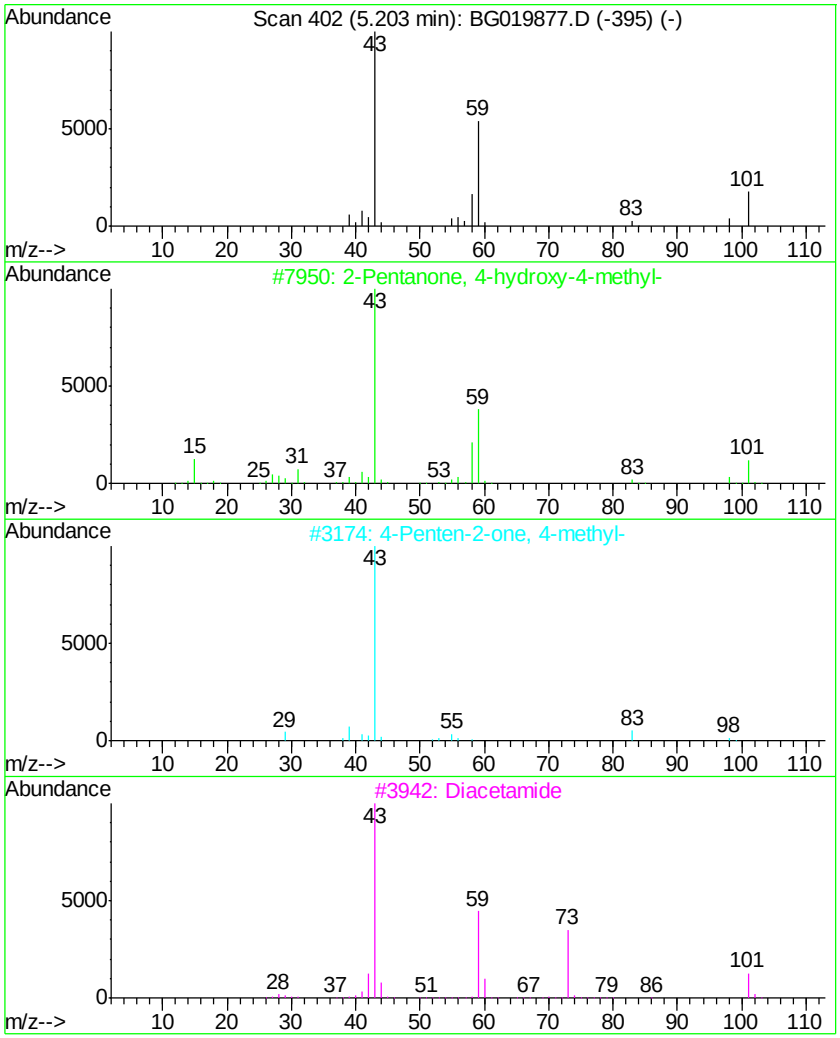
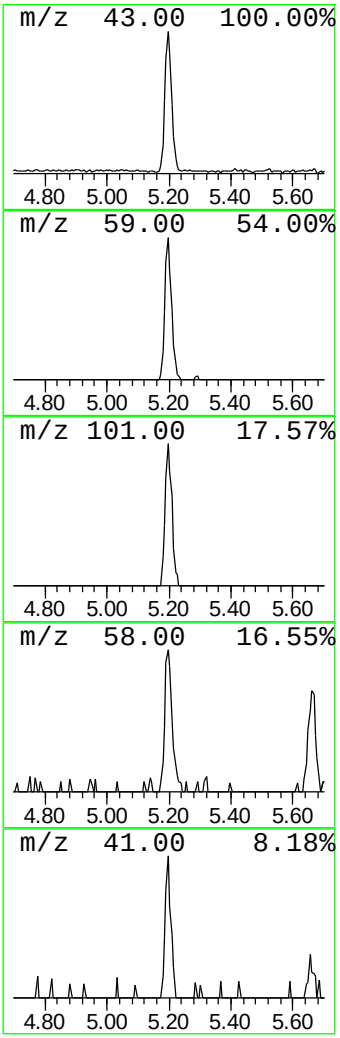
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	5.88 ng	54319	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	12
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019877.D
Acq On : 3 Dec 2015 19:23
Operator : UM/NP
Sample : G4617-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

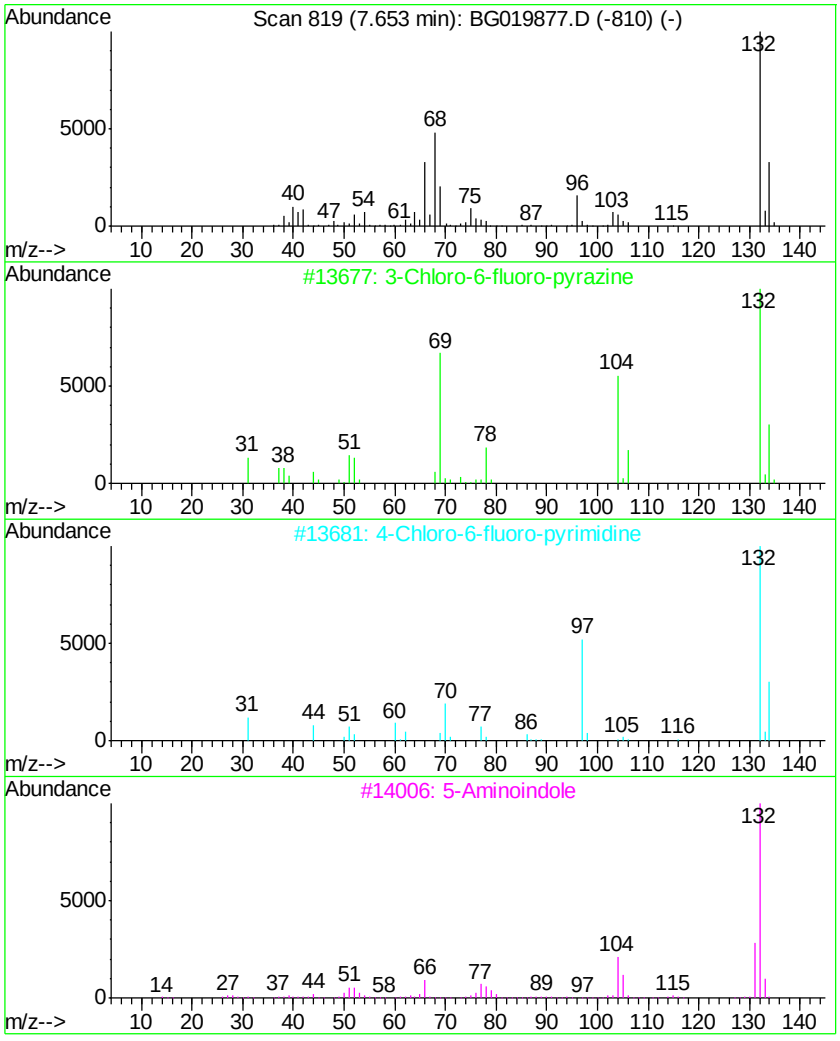
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

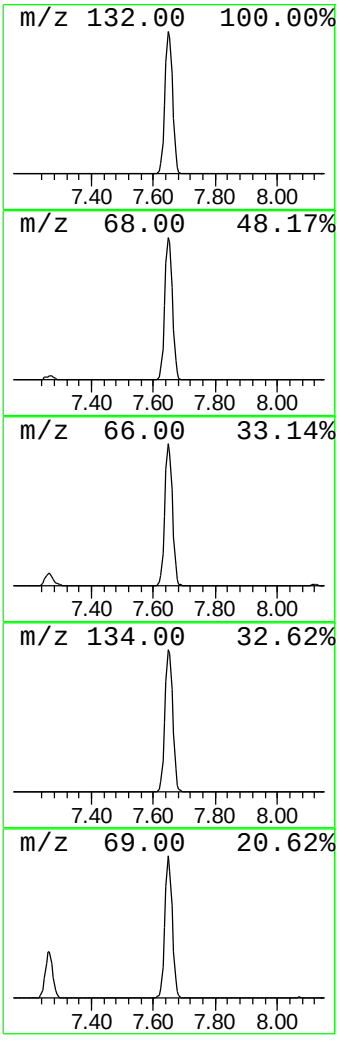
****

Peak Number 2 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	83.01 ng	766701	1,4-Dichlorobenzene-d4	8.12

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019877.D
Acq On : 3 Dec 2015 19:23
Operator : UM/NP
Sample : G4617-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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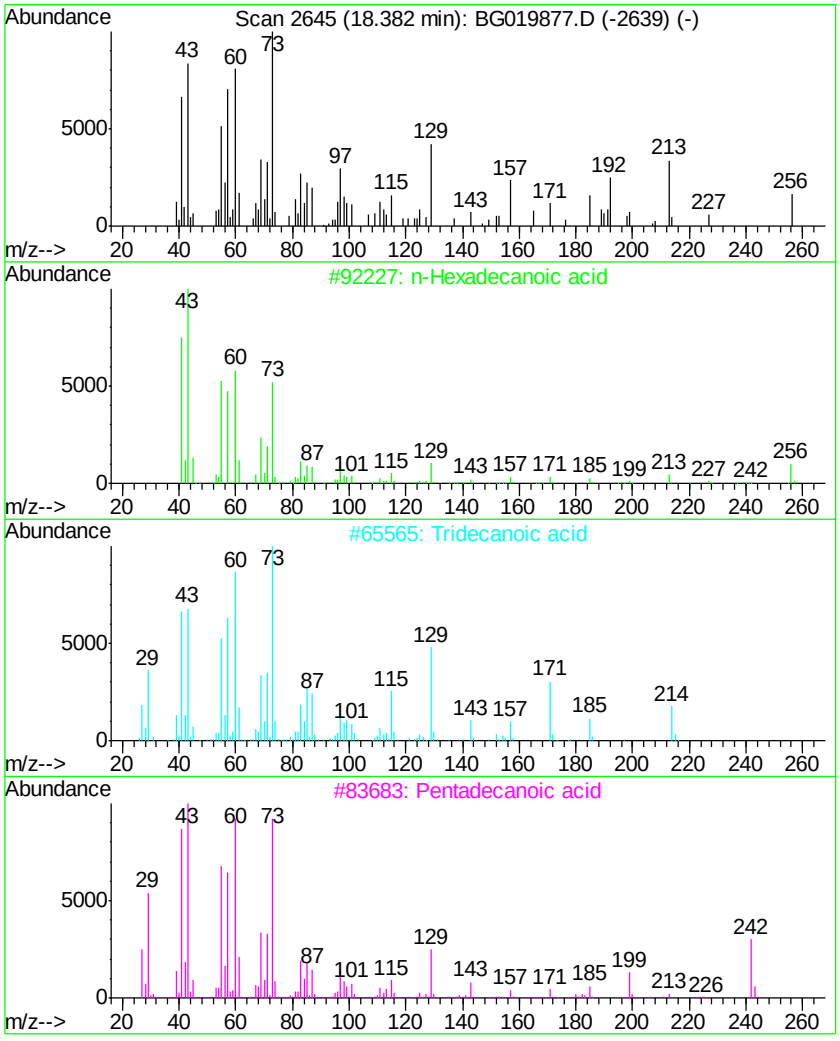
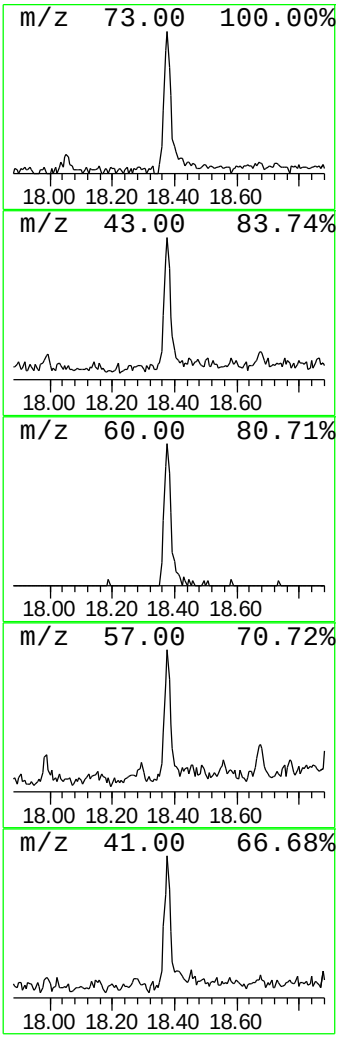
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.20 ng	101127	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019877.D
Acq On : 3 Dec 2015 19:23
Operator : UM/NP
Sample : G4617-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

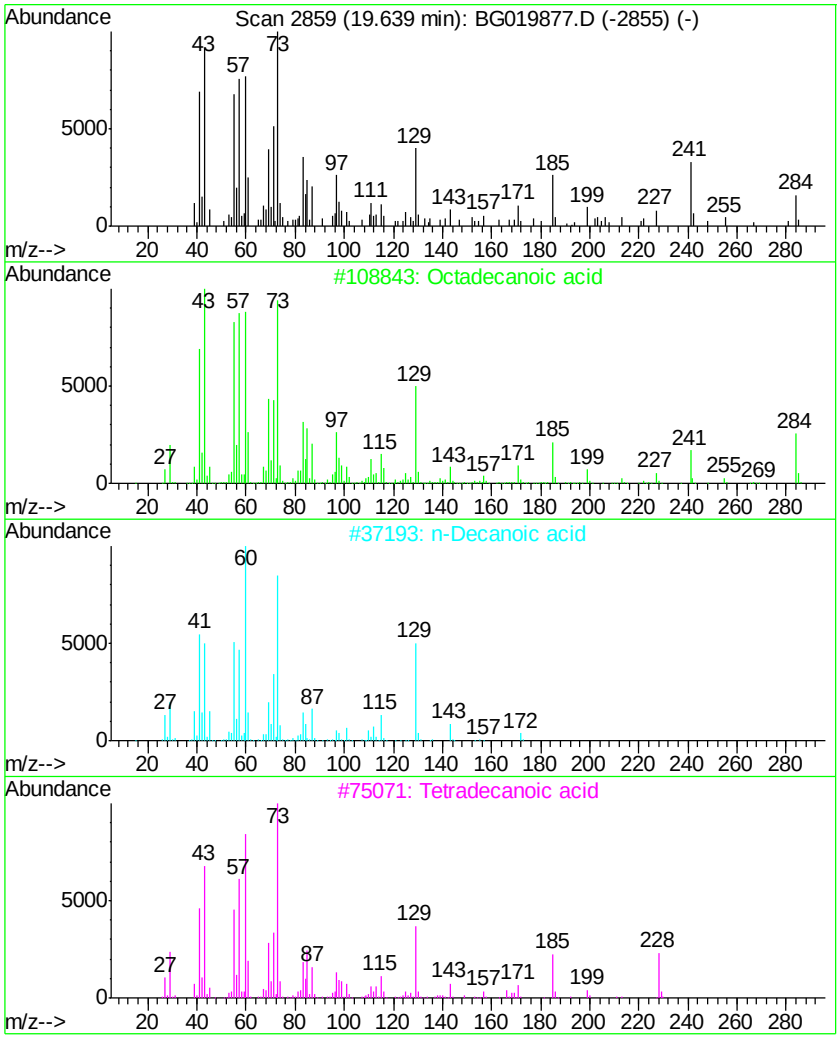
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

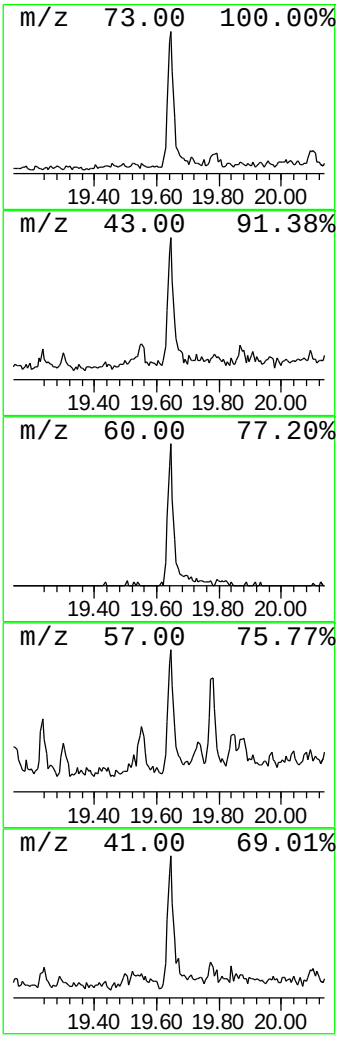
****

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	3.65 ng	155243	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
Data File : BG019877.D
Acq On : 3 Dec 2015 19:23
Operator : UM/NP
Sample : G4617-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.20	5.9	ng	54319	1	8.12	184717	20.0
unknown7.65	7.65	83.0	ng	766701	1	8.12	184717	20.0
n-Hexadecanoic acid	18.38	3.2	ng	101127	4	17.49	632415	20.0
Octadecanoic acid	19.64	3.6	ng	155243	5	21.77	849608	20.0