LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027329.D
Acq On : 8 Jun 2017 22:55
Operator : SJ/MA
Sample : I3479-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-6-20170603

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-BG060517.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	5.702	334	343	352	rBV	66969	108328	2.21%	0.473%
2	6.143	410	418	427	rVB	530378	907603	18.51%	3.961%
3	7.688	670	681	691	rBV	357819	659419	13.45%	2.878%
4	8.088	740	749	759	rBV	907616	1670481	34.07%	7.291%
5	8.558	822	829	836	rBV	169576	315786	6.44%	1.378%
6	8.881	873	884	895	rBV	694280	1326402	27.06%	5.789%
7	9.721	1018	1027	1035	rBV	665719	1265976	25.82%	5.525%
8	11.378	1301	1309	1316	rBV	266992	523402	10.68%	2.284%
9	13.763	1705	1715	1725	rBV	2012230	3211416	65.50%	14.016%
10	14.568	1846	1852	1859	rVB	99790	151499	3.09%	0.661%
11	15.138	1939	1949	1962	rVB2	462315	794315	16.20%	3.467%
12	16.619	2194	2201	2213	rBV	1696527	2691850	54.91%	11.748%
13	17.888	2410	2417	2430	rBV2	593834	982857	20.05%	4.290%
14	18.728	2554	2560	2568	rBV	129728	200570	4.09%	0.875%
15	19.986	2769	2774	2784	rBV	153214	232335	4.74%	1.014%
16	20.467	2849	2856	2863	rBV	3422662	4902602	100.00%	21.397%
17	21.266	2988	2992	2997	rVB2	49562	62489	1.27%	0.273%
18	21.830	3083	3088	3099	rVB	103035	160891	3.28%	0.702%
19	22.271	3156	3163	3173	rVB	606102	1150679	23.47%	5.022%
20	22.447	3187	3193	3198	rBV	94339	145267	2.96%	0.634%
21	23.141	3305	3311	3316	rBV	86290	150245	3.06%	0.656%
22	23.934	3441	3446	3456	rVB	54031	111672	2.28%	0.487%
23	24.868	3601	3605	3614	rVB5	28791	67896	1.38%	0.296%
24	25.961	3779	3791	3803	rVB3	331583	1118970	22.82%	4.884%

Sum of corrected areas: 22912950

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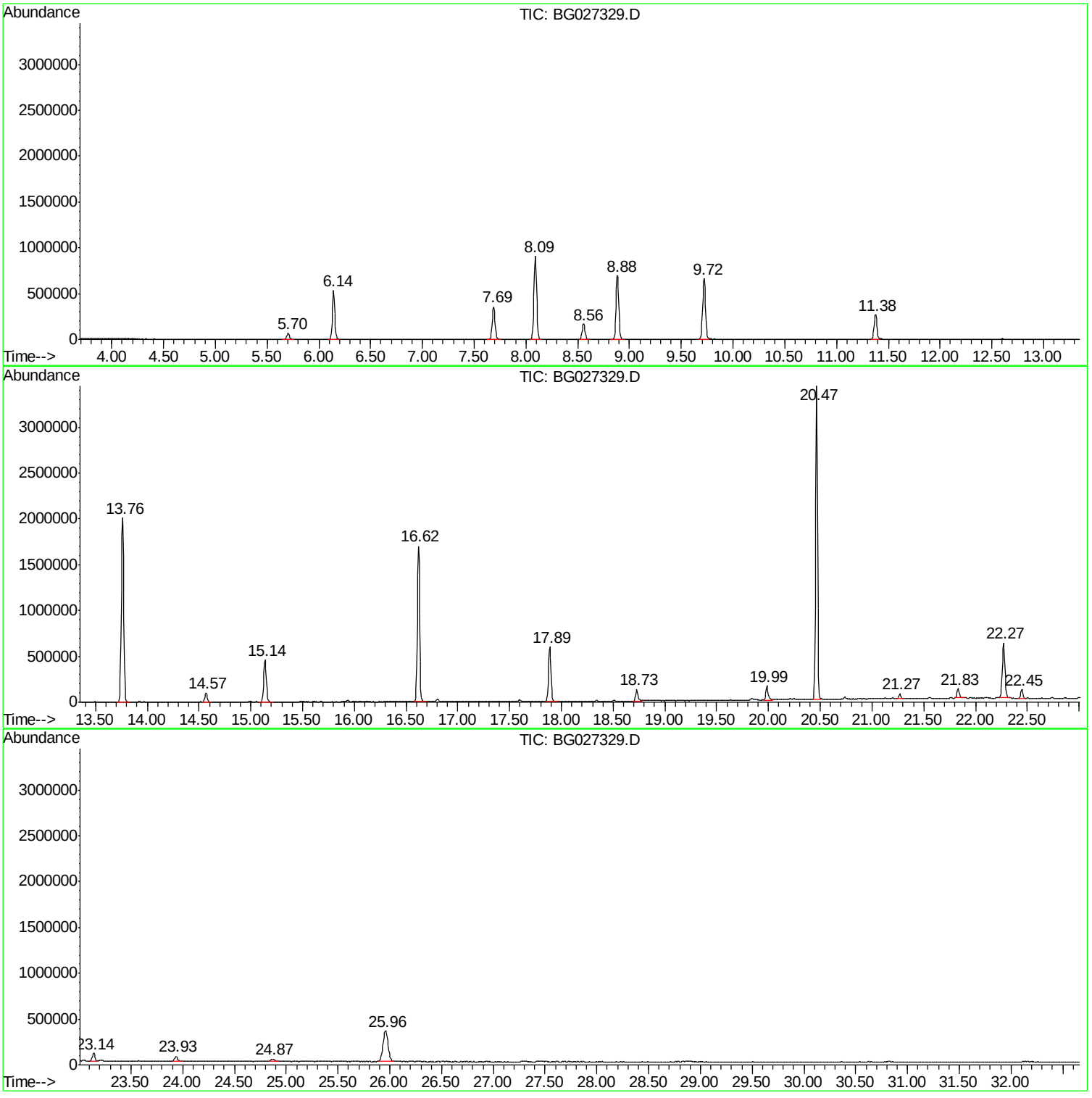
BNA_G
ClientSampleId :
TW-6-20170603

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.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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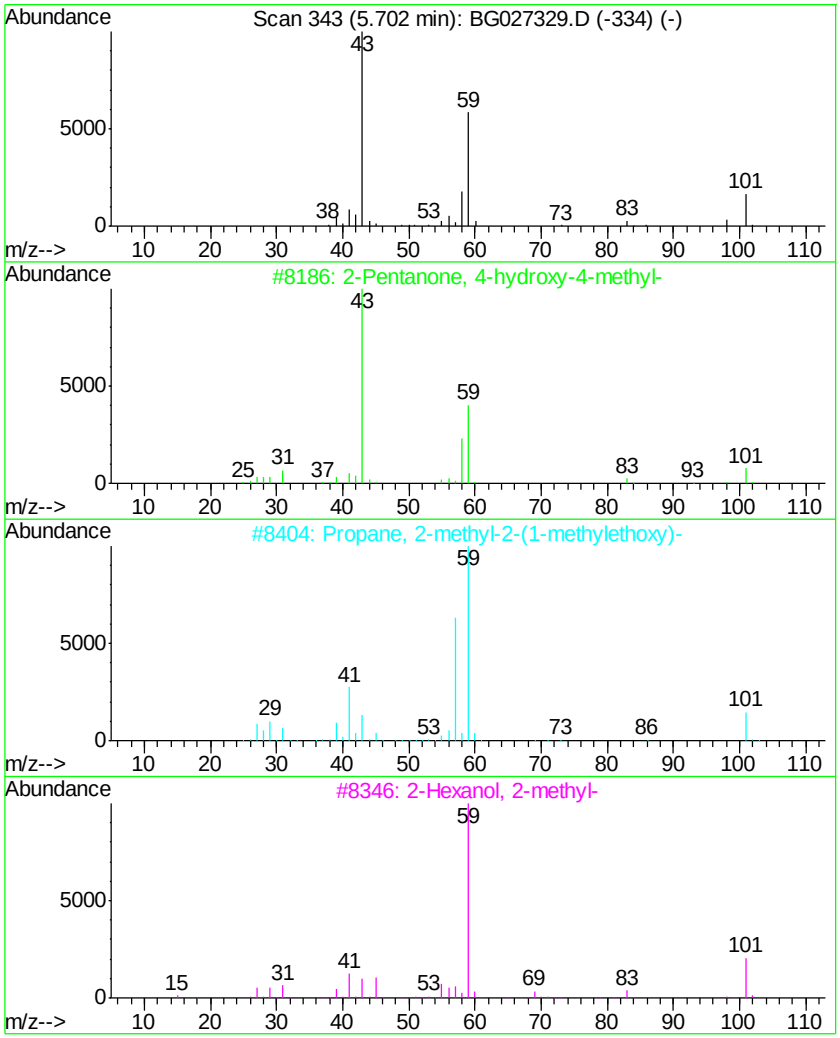
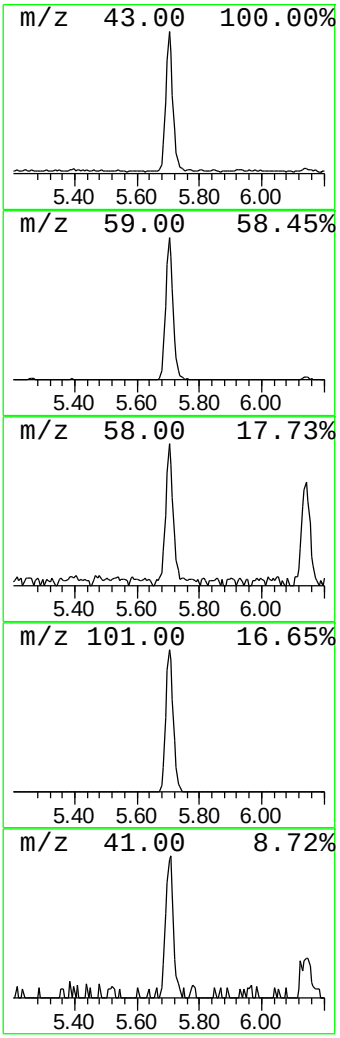
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	6.86 ng	108328	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetone	58	C3H6O	000067-64-1	22
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : TW-6-20170603

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

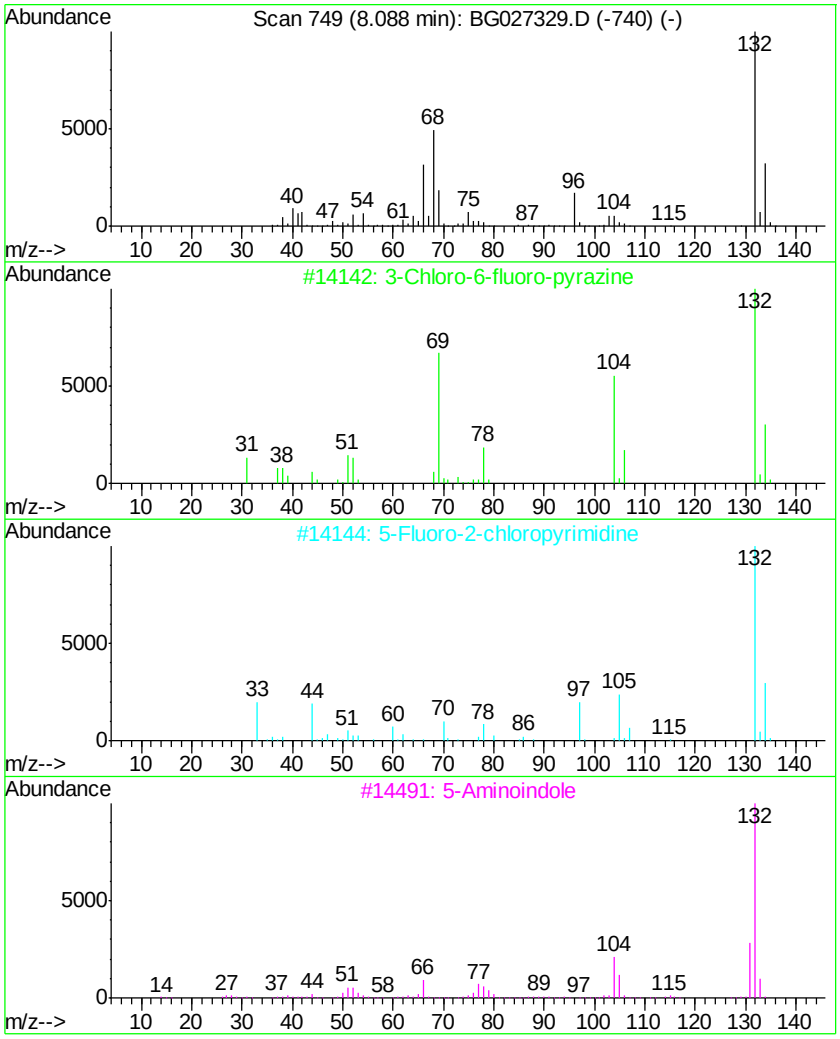
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

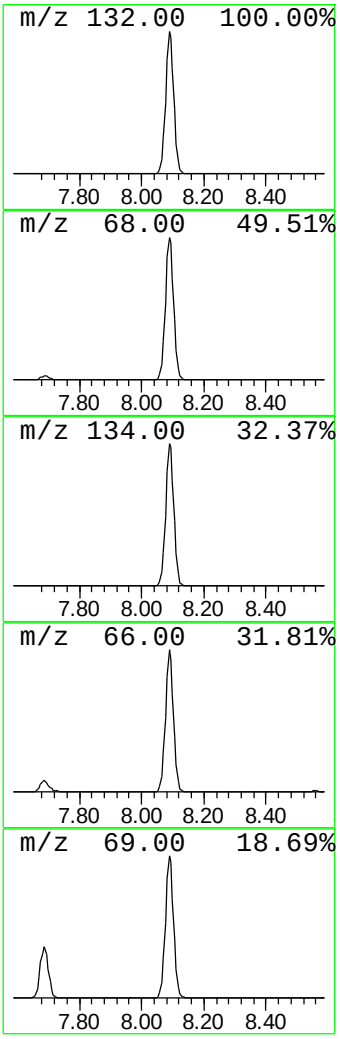
****

Peak Number 2 unknown8.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	105.80 ng	1670480	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Operator : SJ/MA
Sample : I3479-06
Misc :
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Instrument : BNA_G
ClientSampleId : TW-6-20170603

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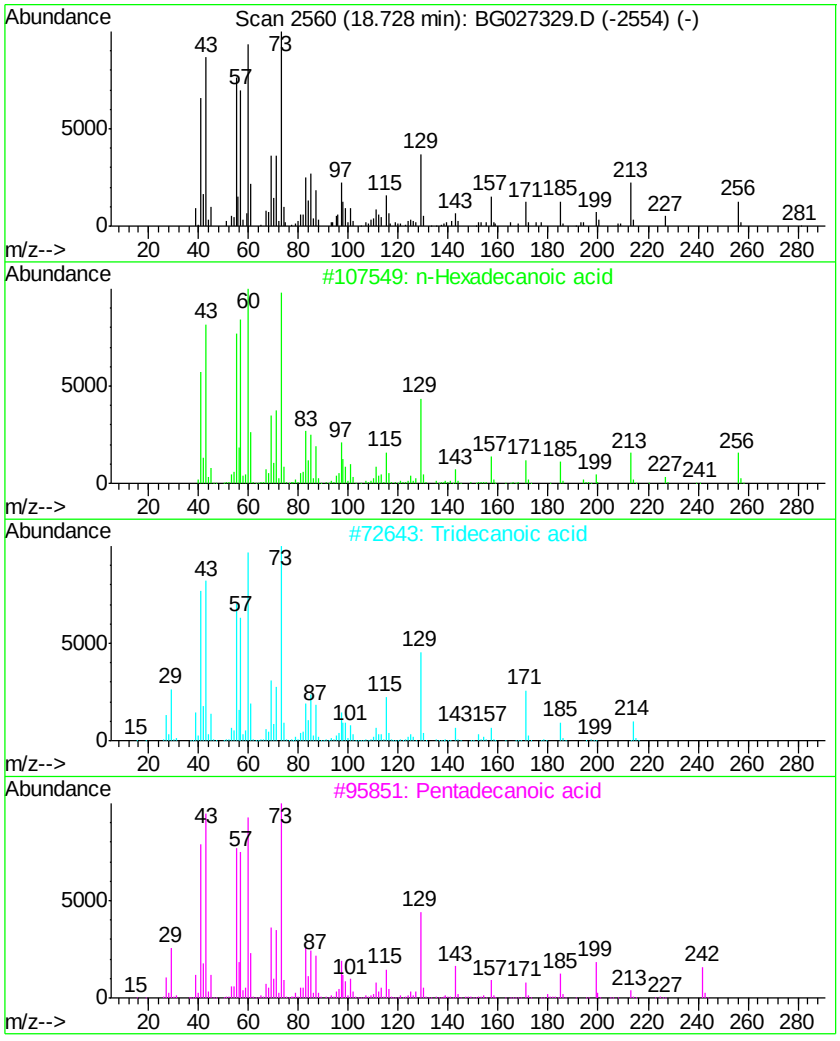
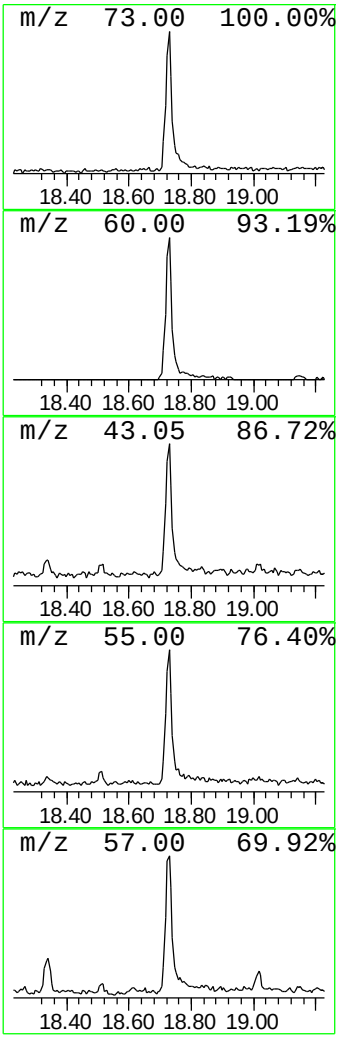
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	4.08 ng	200570	Phenanthrene-d10	17.89

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Instrument : BNA_G
ClientSampleId : TW-6-20170603

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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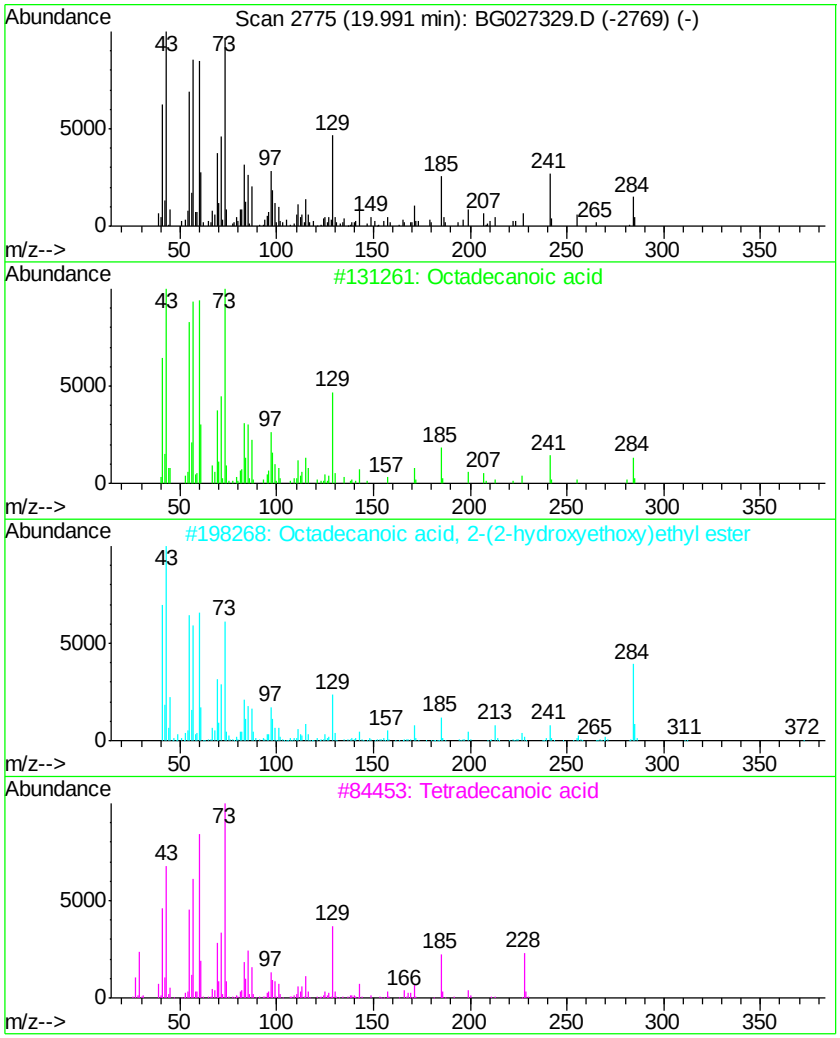
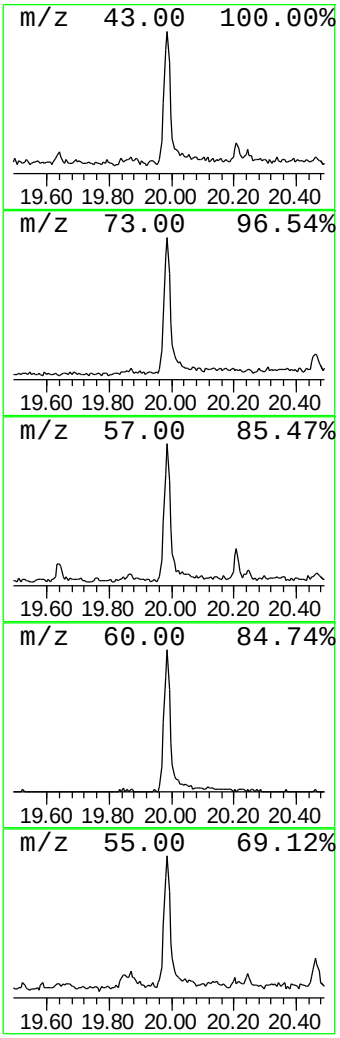
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	4.73 ng	232335	Phenanthrene-d10	17.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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ClientSampleId : TW-6-20170603

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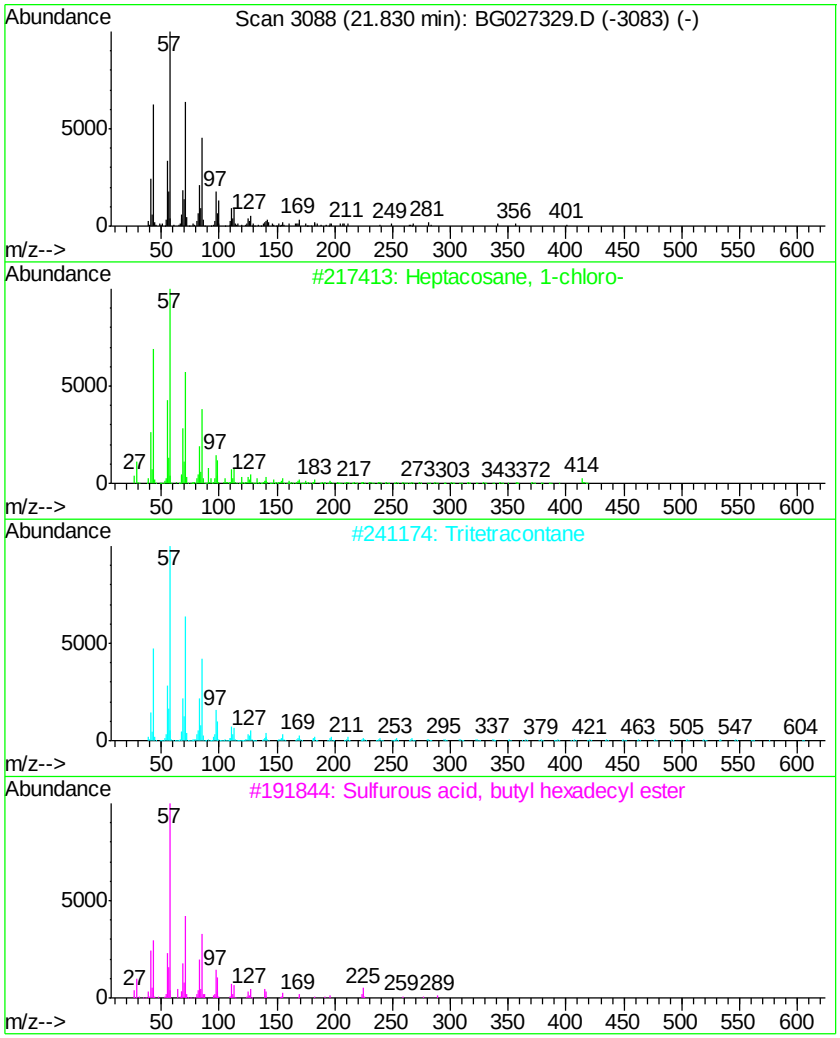
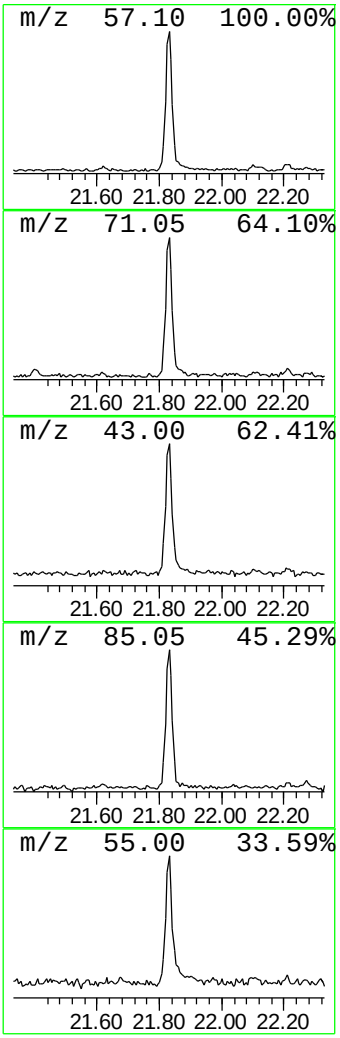
Peak Number 6 Heptacosane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.80 ng	160891	Chrysene-d12	22.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	91
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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

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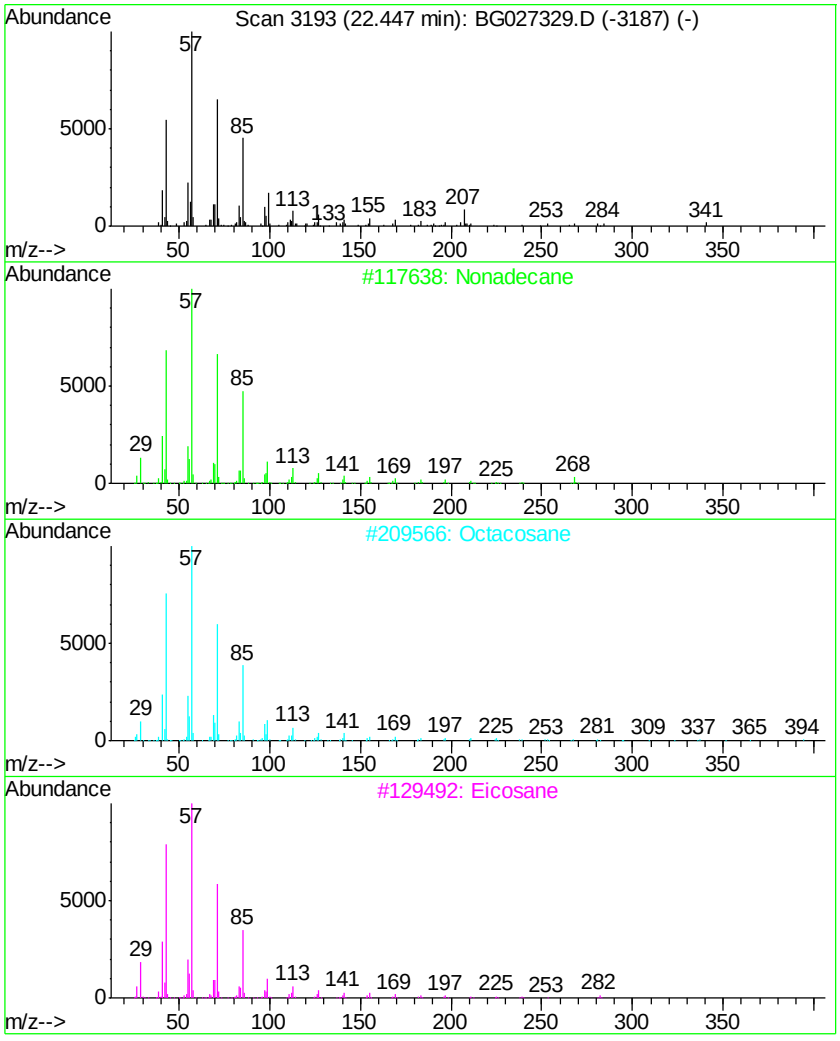
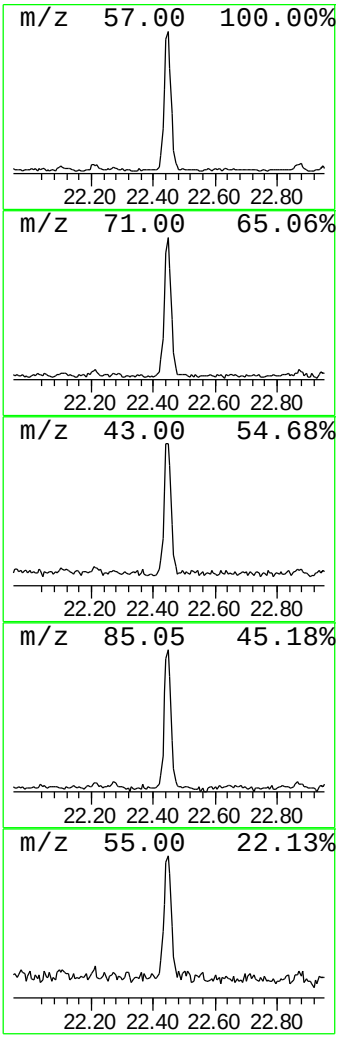
Peak Number 7 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.52 ng	145267	Chrysene-d12	22.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Octacosane	394	C28H58	000630-02-4	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Docosane	310	C22H46	000629-97-0	83





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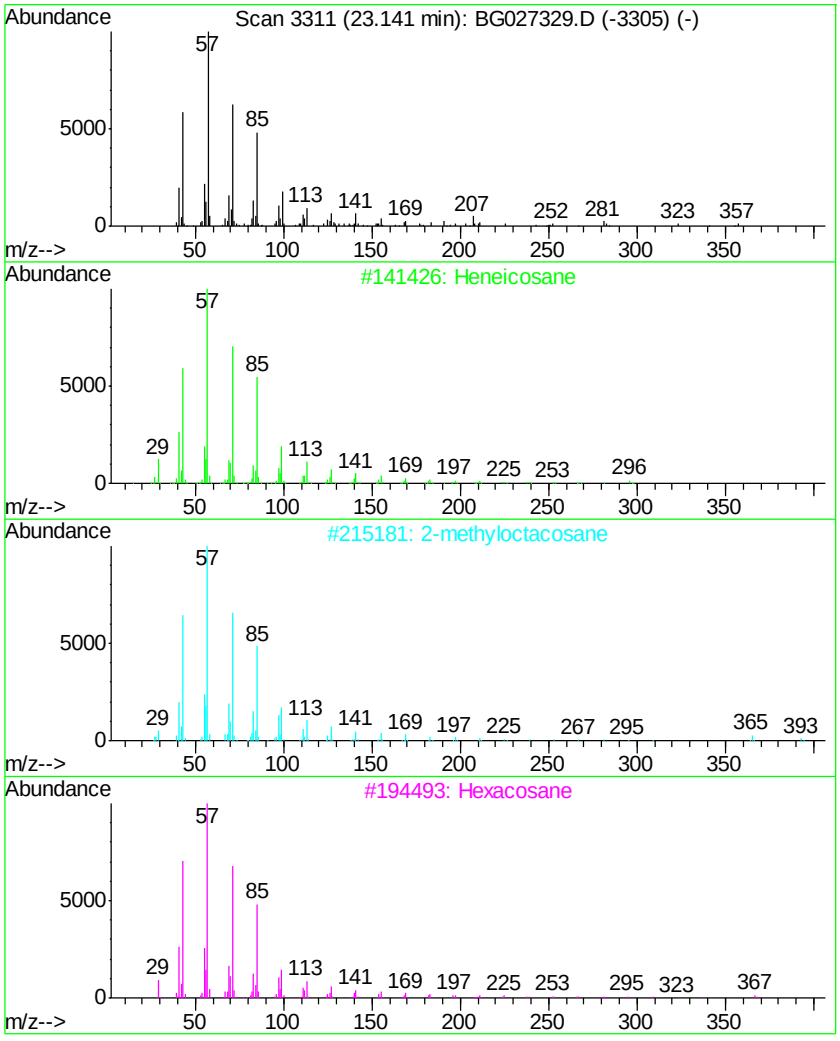
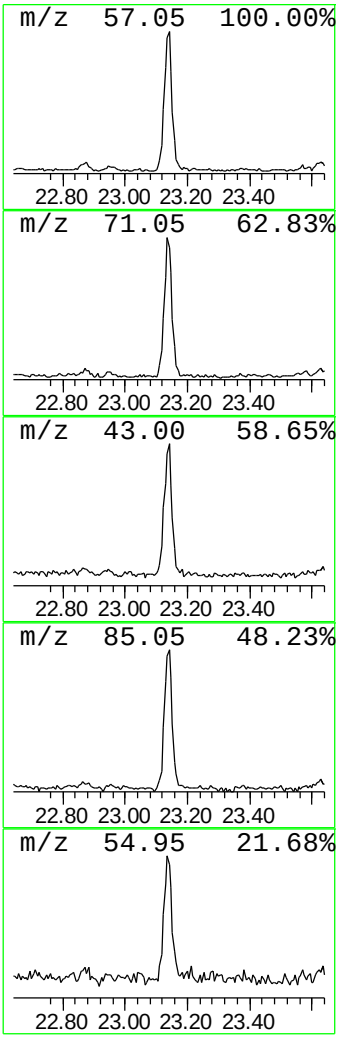
Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	2.61 ng	150245	Chrysene-d12	22.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Docosane	310	C22H46	000629-97-0	87





Tentatively Identified Compound (LSC) summary

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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...	5.70	6.9	ng	108328	1	8.56	315786	20.0
unknown8.09	8.09	105.8	ng	1670480	1	8.56	315786	20.0
n-Hexadecanoic acid	18.73	4.1	ng	200570	4	17.89	982857	20.0
Octadecanoic acid	19.99	4.7	ng	232335	4	17.89	982857	20.0
Heptacosane, 1-ch...	21.83	2.8	ng	160891	5	22.27	1150680	20.0
Nonadecane	22.45	2.5	ng	145267	5	22.27	1150680	20.0
Heneicosane	23.14	2.6	ng	150245	5	22.27	1150680	20.0