LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
Data File : BG053458.D
Acq On : 5 May 2022 19:54
Operator : CG/JU
Sample : N2677-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1,9

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053458.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.180	300	305	314	rVB2	16449	28577	1.30%	0.330%
2	5.655	380	386	396	rBV	419201	685959	31.31%	7.915%
3	7.253	650	658	669	rBV	434983	771315	35.20%	8.900%
4	8.087	793	800	809	rBV	77548	139233	6.35%	1.607%
5	9.251	989	998	1013	rBV	278314	510588	23.30%	5.891%
6	10.901	1272	1279	1286	rBV	108397	193078	8.81%	2.228%
7	13.339	1686	1694	1704	rBV	723963	1137183	51.90%	13.121%
8	14.714	1922	1928	1938	rBV	185889	288812	13.18%	3.332%
9	16.200	2175	2181	2192	rBV	622716	980114	44.73%	11.309%
10	17.457	2389	2395	2405	rBV	265925	397564	18.14%	4.587%
11	18.344	2542	2546	2560	rBV2	36508	71784	3.28%	0.828%
12	20.059	2832	2838	2847	rBV	1683492	2191211	100.00%	25.283%
13	21.358	3053	3059	3073	rBV	136191	250149	11.42%	2.886%
14	21.739	3116	3124	3132	rBV	294265	495905	22.63%	5.722%
15	25.017	3671	3682	3694	rBV2	167724	492662	22.48%	5.685%
16	26.292	3891	3899	3904	rBV9	10833	32623	1.49%	0.376%

Sum of corrected areas: 8666757

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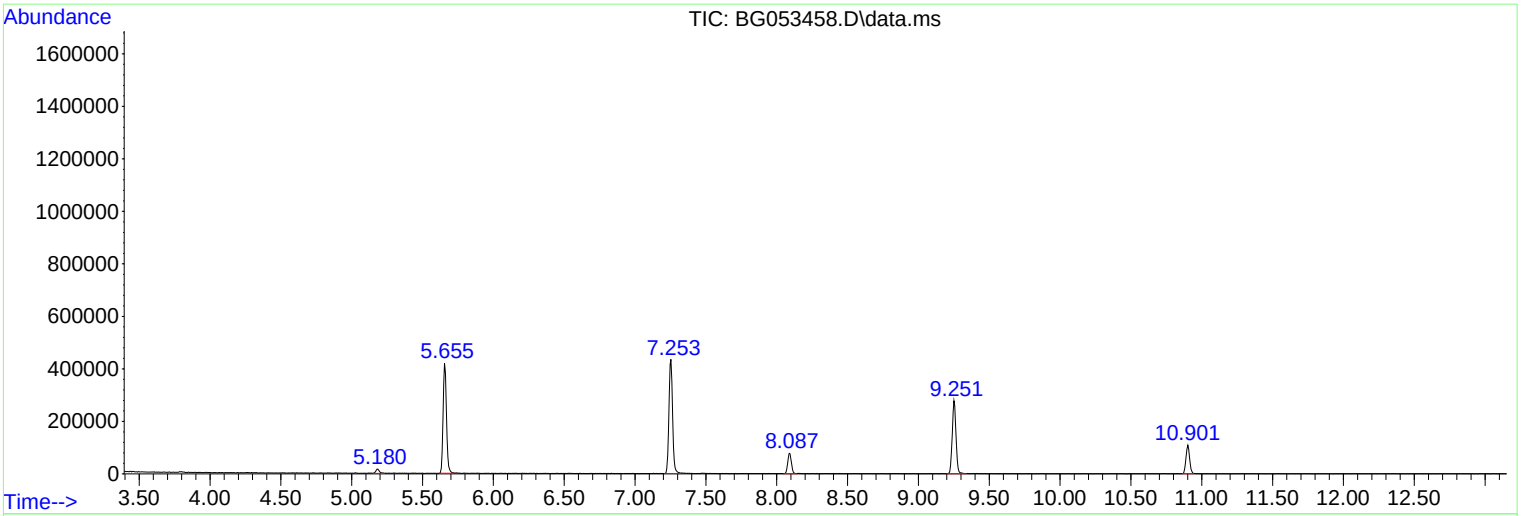
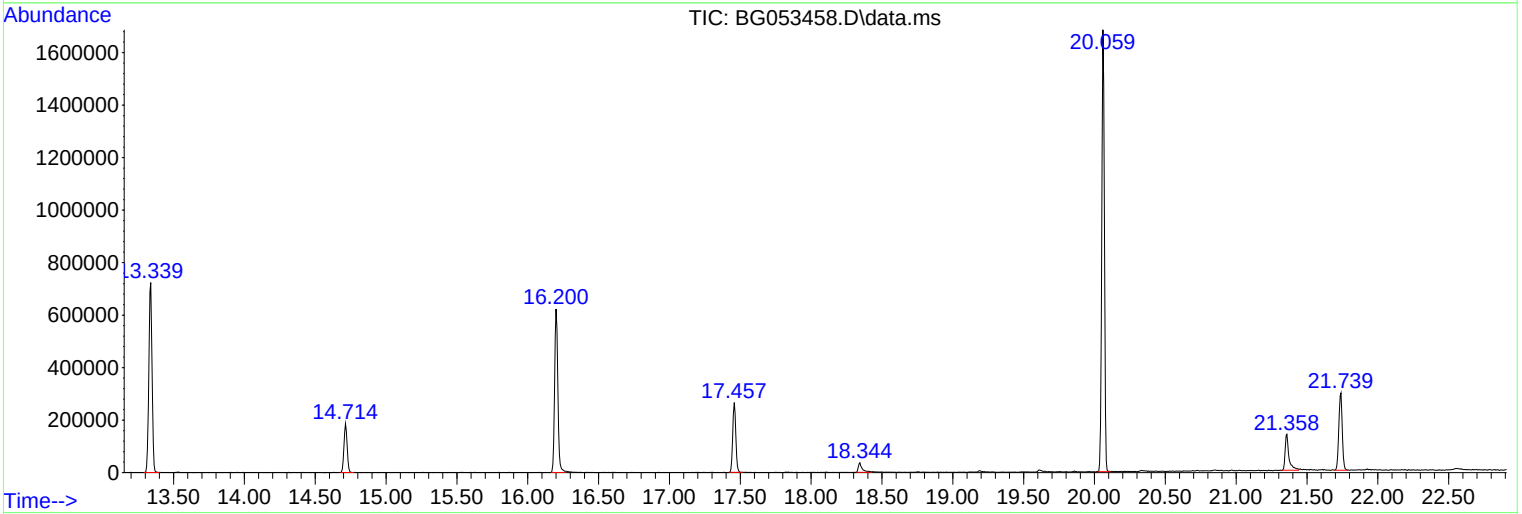
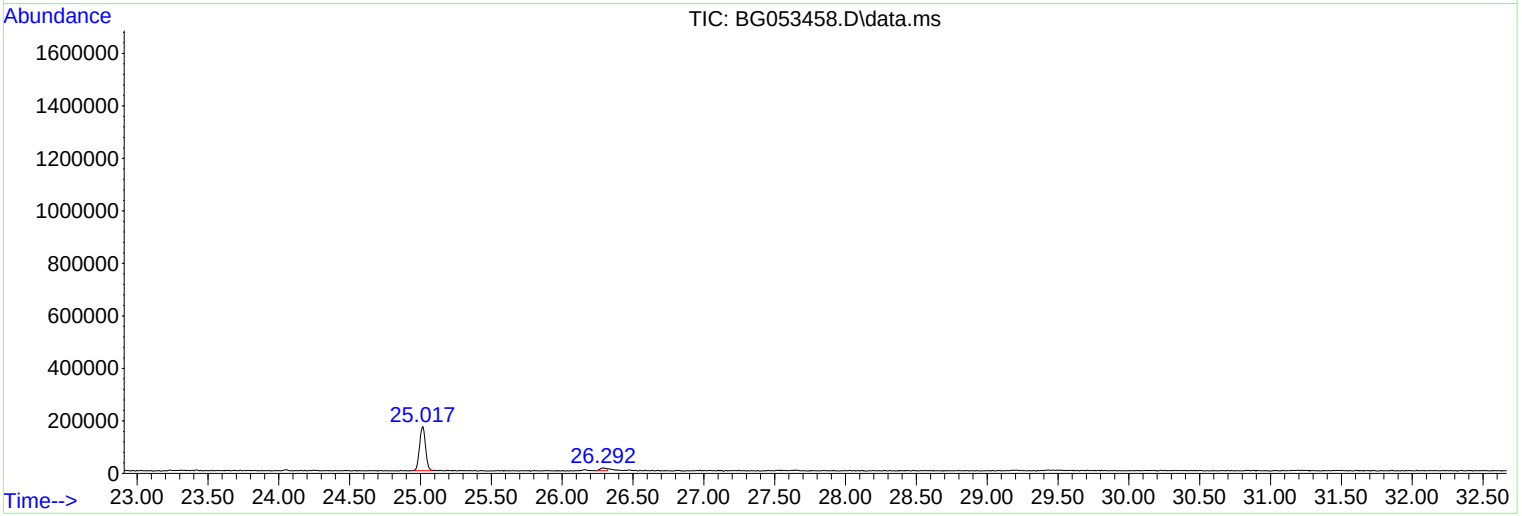
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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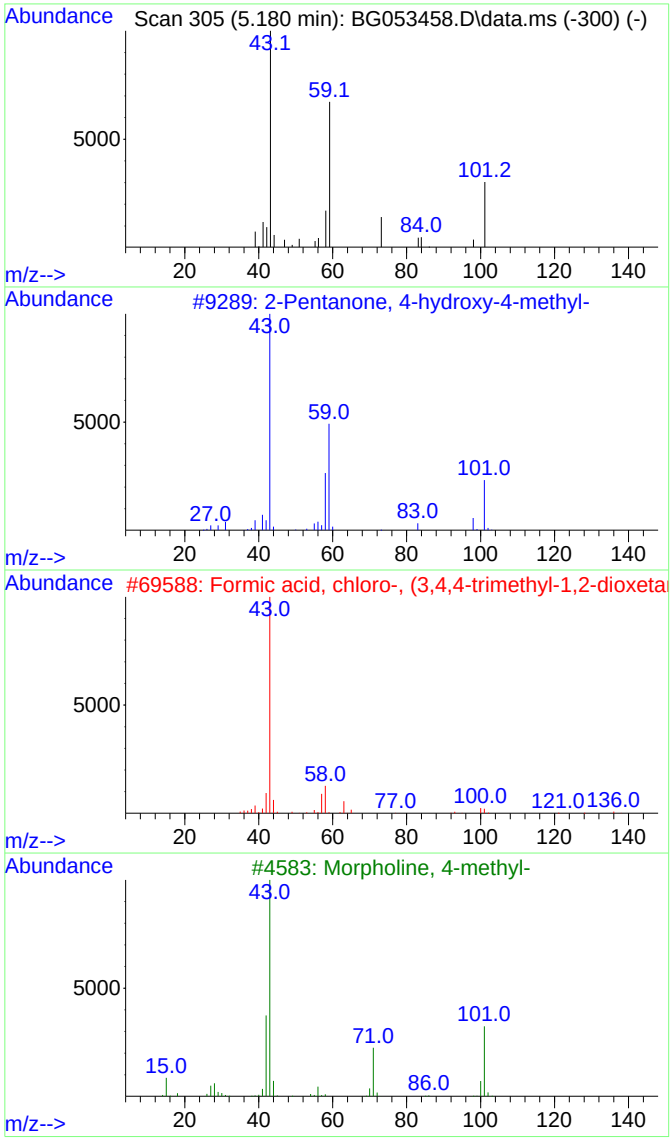
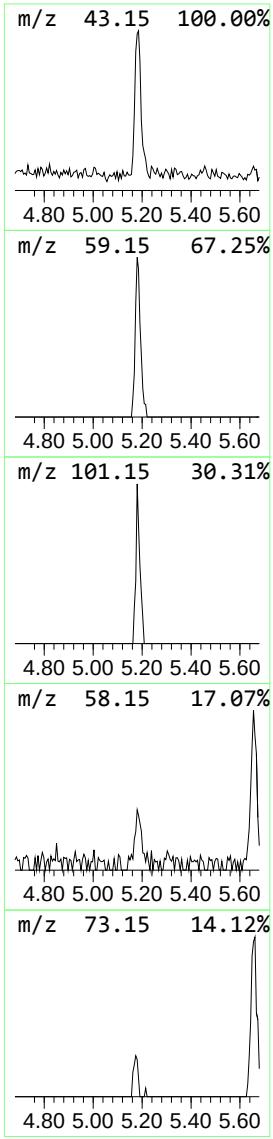
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.180	4.10 ng	28577	1,4-Dichlorobenzene-d4	8.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
2	Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Sulfurous acid, dipropyl ester	166	C6H14O3S	000623-98-3	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





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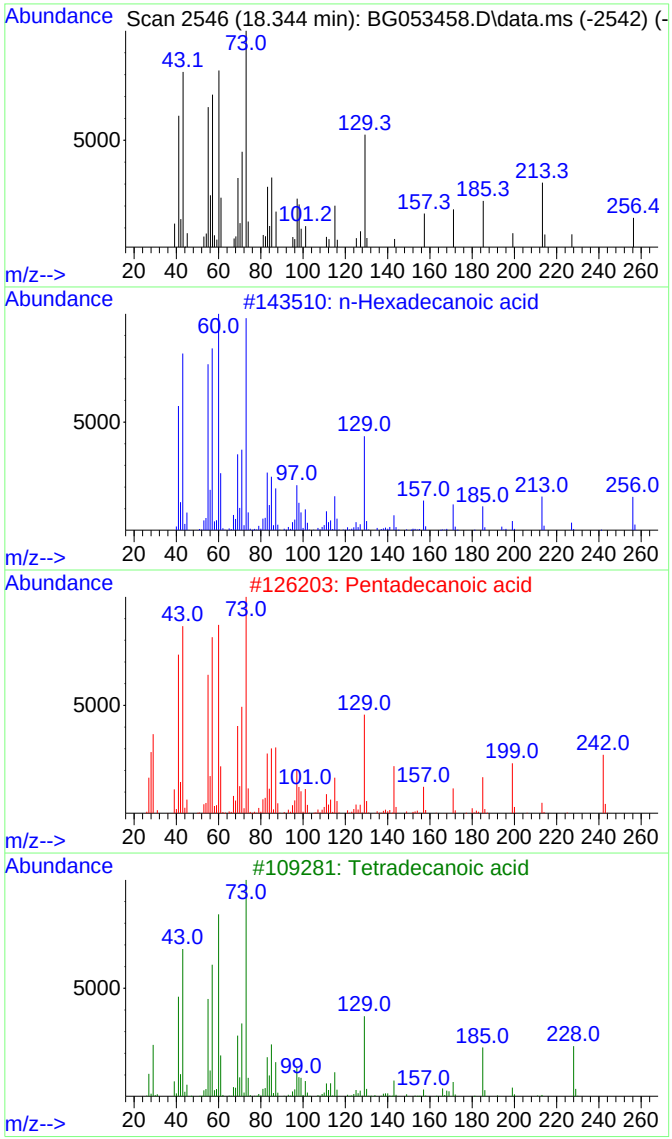
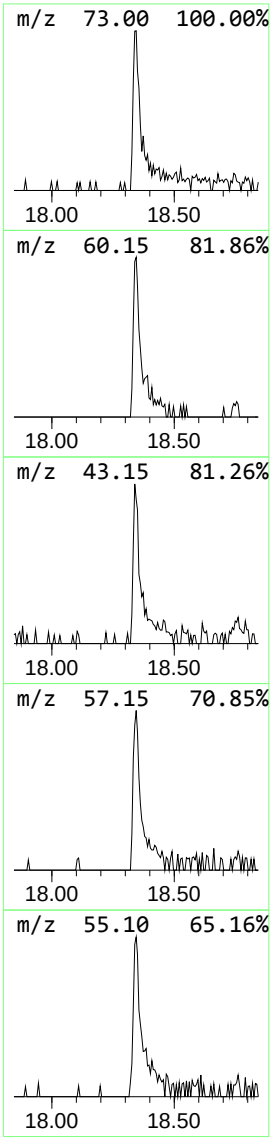
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.344	3.61 ng	71784	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	55
5	Decyl heptyl ether	256	C17H36O	1000406-39-1	14





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BNA_G
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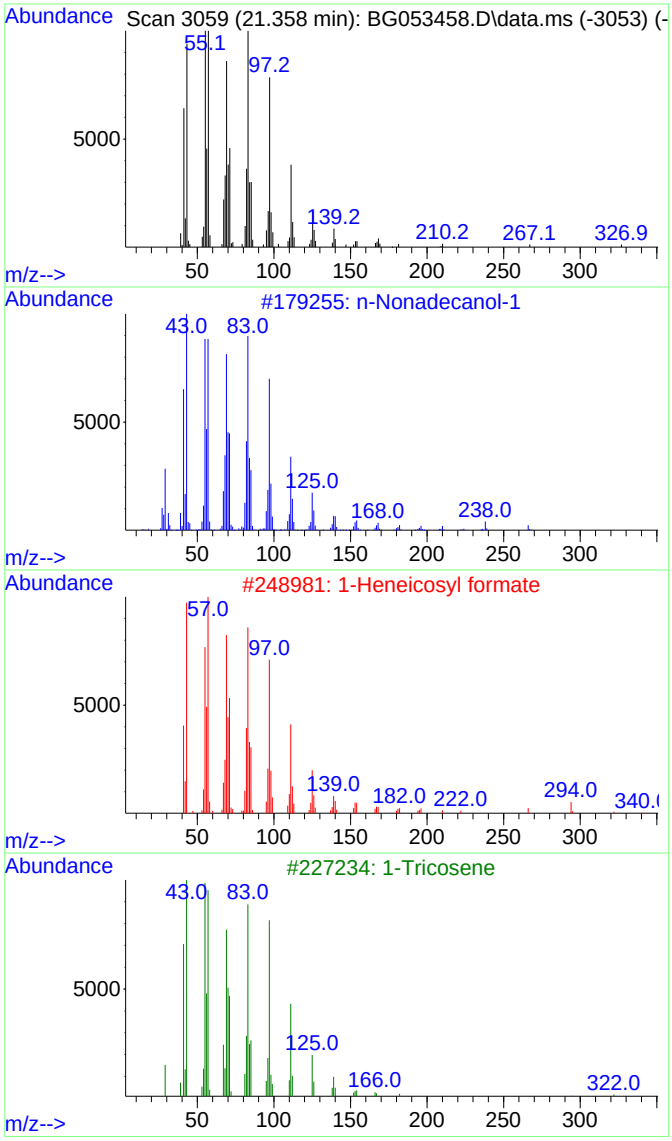
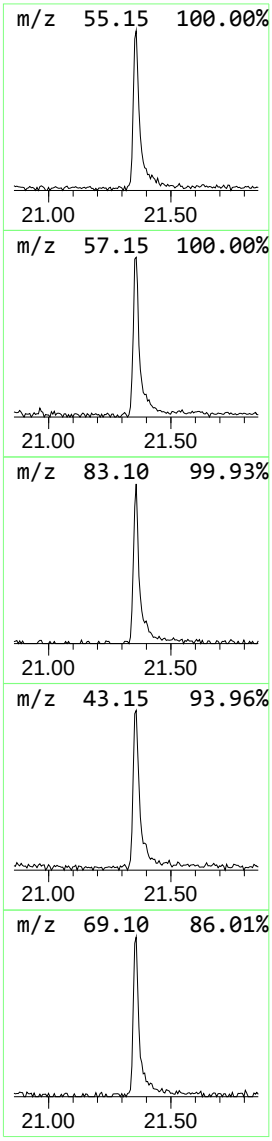
Peak Number 3 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.358	10.09 ng	250149	Chrysene-d12	21.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Tricosene	322	C23H46	018835-32-0	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.180	4.1	ng	28577	1	8.093	139233	20.0
n-Hexadecanoic ...	18.344	3.6	ng	71784	4	17.457	397564	20.0
n-Nonadecanol-1	21.358	10.1	ng	250149	5	21.740	495905	20.0