LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
Data File : BG053717.D
Acq On : 26 May 2022 15:06
Operator : CG/JU
Sample : N3026-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
N48967

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: BG053717.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.092	11	17	37	rVB	601469	1065552	54.36%	12.212%
2	5.547	429	435	447	rBV	193222	343035	17.50%	3.932%
3	7.163	704	710	725	rVB	127028	228326	11.65%	2.617%
4	7.979	842	849	857	rBV	82315	141217	7.20%	1.618%
5	9.148	1040	1048	1058	rBV	343842	605497	30.89%	6.940%
6	10.793	1320	1328	1335	rBV	109189	193273	9.86%	2.215%
7	13.243	1738	1745	1754	rBV	937966	1421449	72.52%	16.291%
8	14.623	1973	1980	1987	rVB	181695	285330	14.56%	3.270%
9	16.115	2227	2234	2247	rBV	703063	1116486	56.96%	12.796%
10	17.366	2439	2447	2455	rBV	245191	370328	18.89%	4.244%
11	18.265	2593	2600	2607	rBV5	18367	42463	2.17%	0.487%
12	19.528	2811	2815	2825	rBV6	39517	78869	4.02%	0.904%
13	19.975	2885	2891	2897	rBV	1514234	1960127	100.00%	22.465%
14	21.267	3107	3111	3119	rBV7	20739	32091	1.64%	0.368%
15	21.631	3167	3173	3181	rVB	264913	421986	21.53%	4.836%
16	24.827	3709	3717	3727	rVB2	157072	419164	21.38%	4.804%

Sum of corrected areas: 8725193

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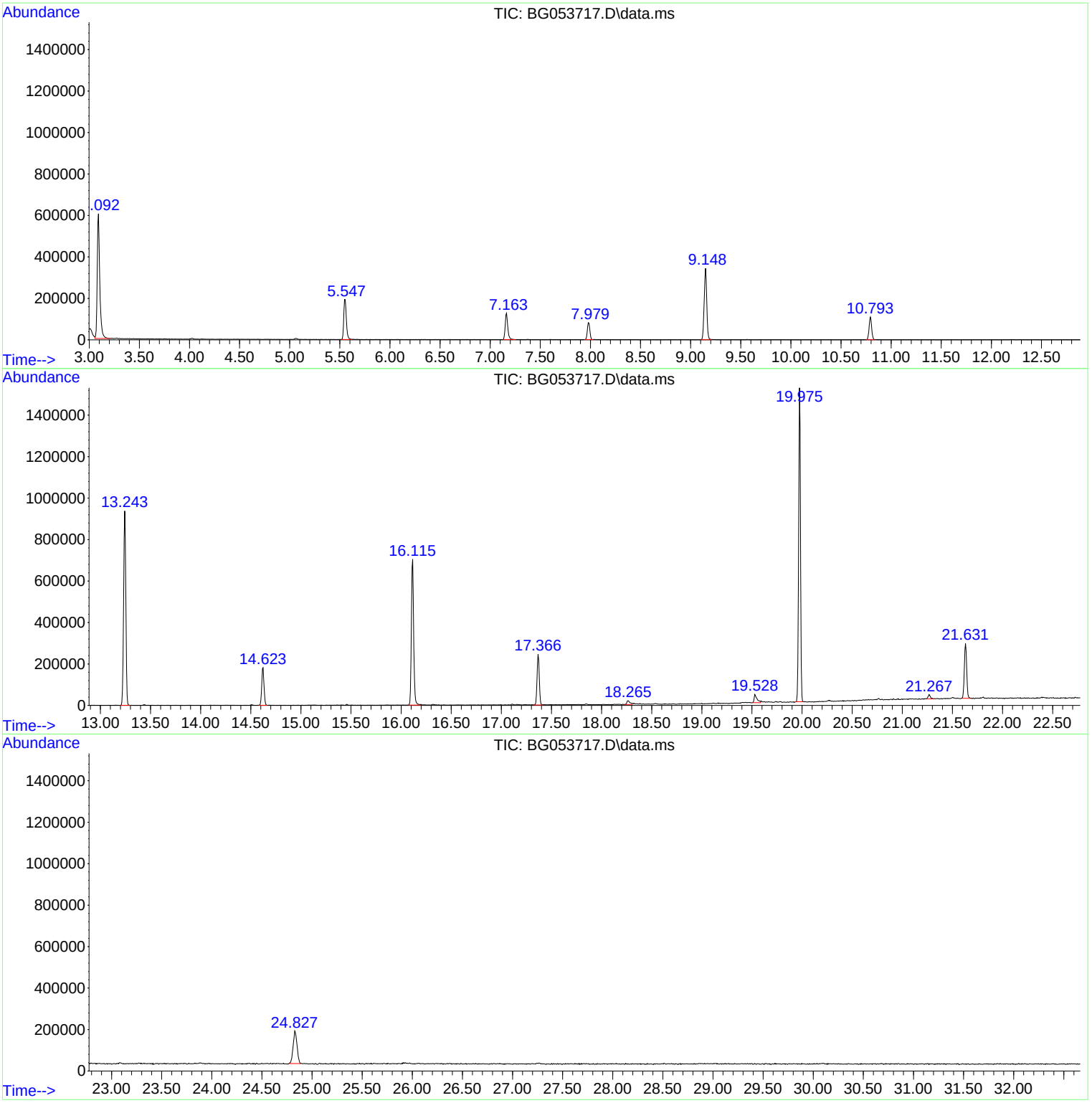
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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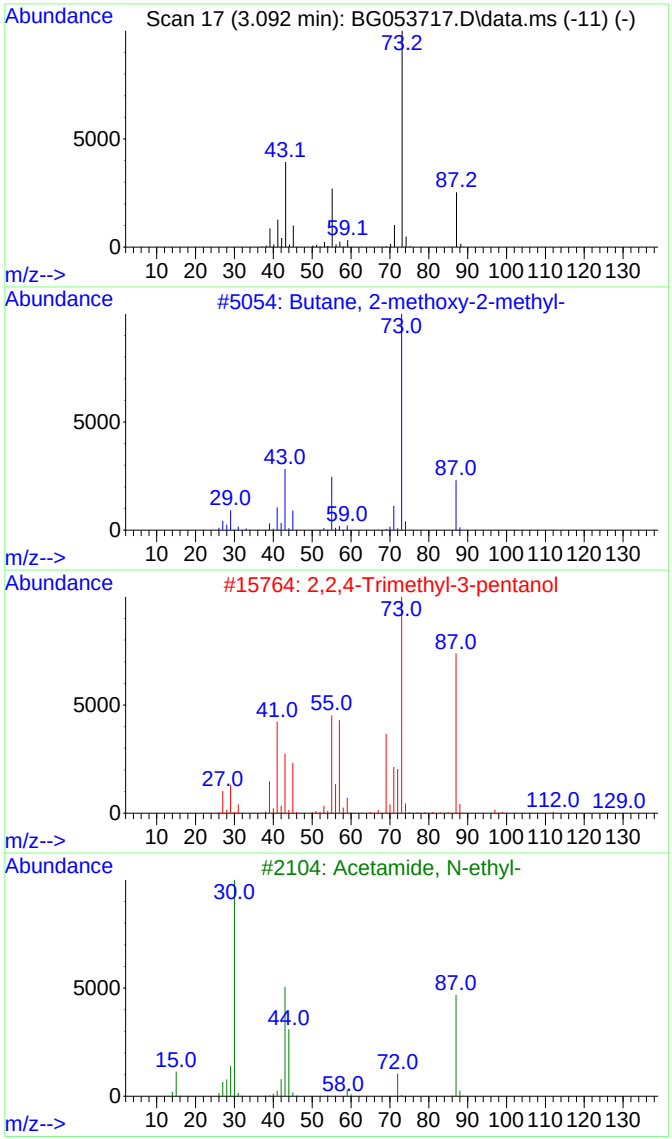
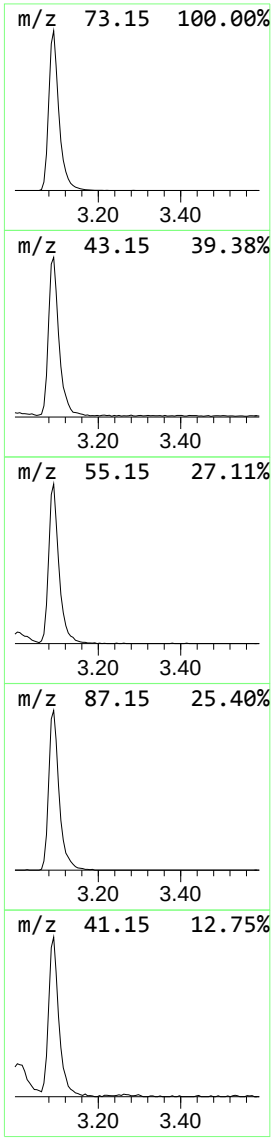
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.092	150.91 ng	1065550	1,4-Dichlorobenzene-d4	7.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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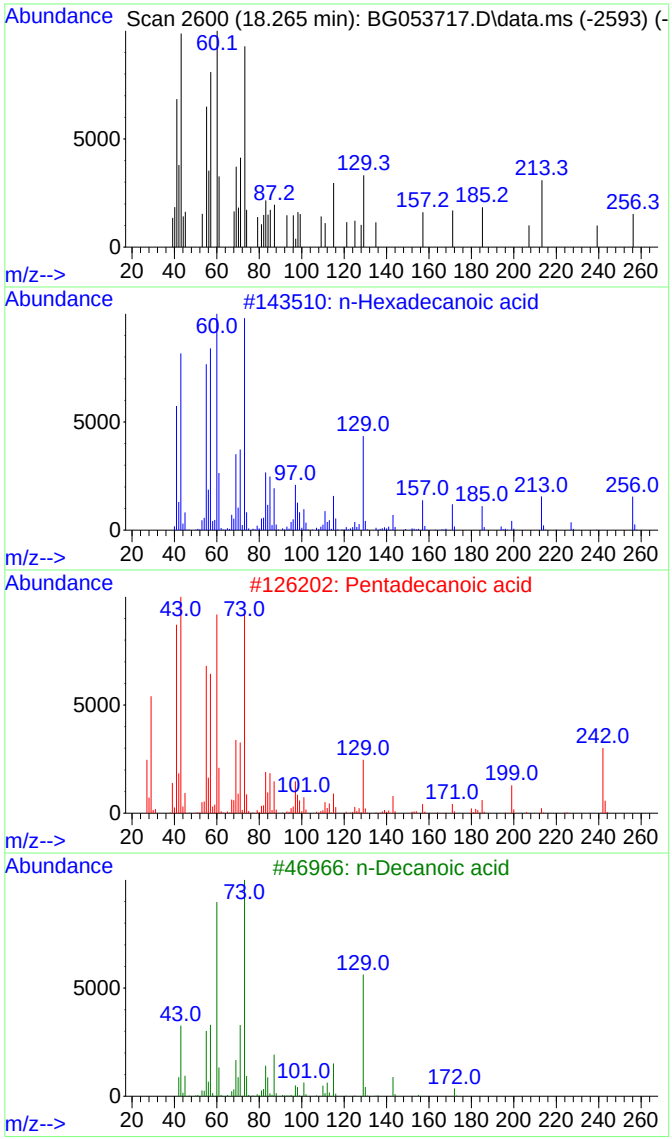
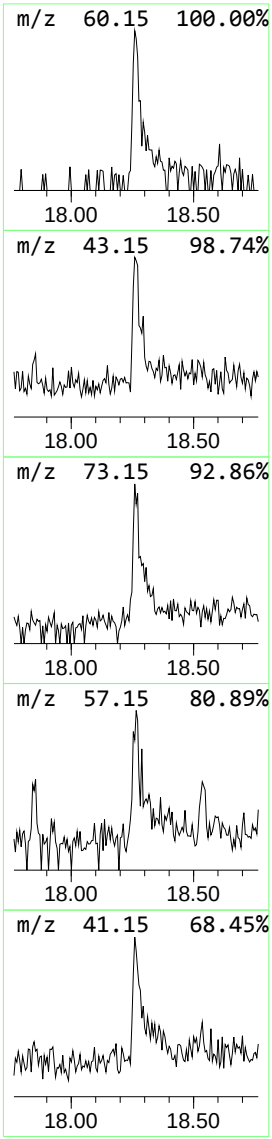
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.265	2.29 ng	42463	Phenanthrene-d10	17.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	40
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	38





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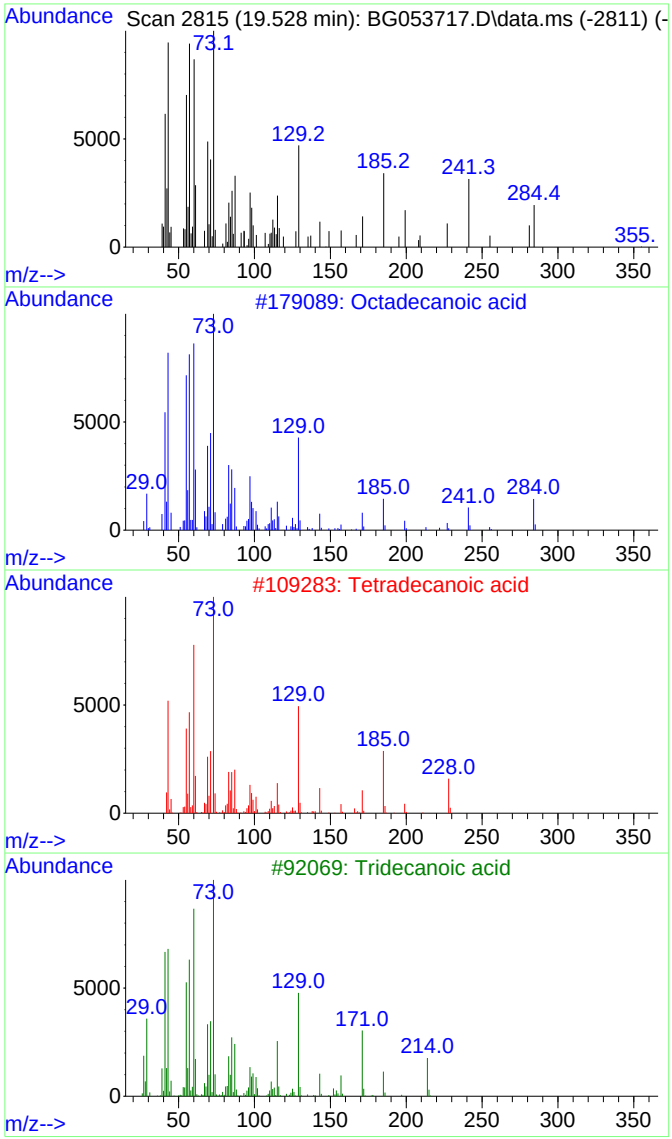
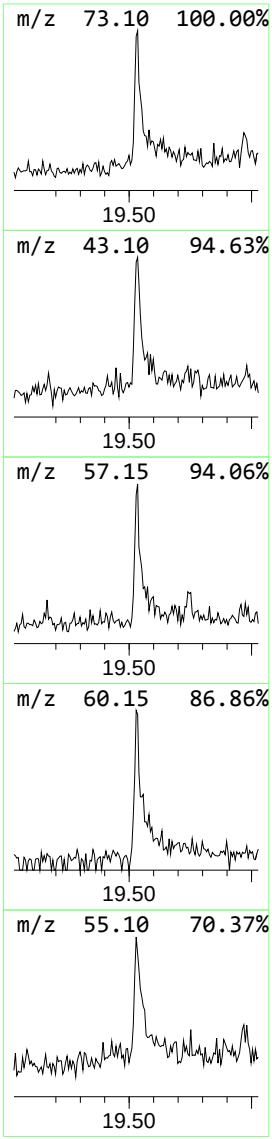
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.528	3.74 ng	78869	Chrysene-d12	21.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	74
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	47





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.092	150.9	ng	1065550	1	7.985	141217	20.0
n-Hexadecanoic ...	18.265	2.3	ng	42463	4	17.366	370328	20.0
Octadecanoic acid	19.528	3.7	ng	78869	5	21.631	421986	20.0