LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048684.D
Acq On : 13 Apr 2021 21:43
Operator : CG/JU
Sample : M1966-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB_2021-04-06_GW

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-BG033021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048684.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.632	384	390	399	rBV	164260	262129	15.78%	4.396%
2	7.242	655	664	676	rVB	113847	205059	12.35%	3.439%
3	8.082	799	807	812	rBV3	62424	104666	6.30%	1.755%
4	9.251	999	1006	1014	rBV	200260	357427	21.52%	5.994%
5	10.908	1281	1288	1295	rVB	80666	134425	8.09%	2.254%
6	13.358	1698	1705	1715	rVB	531969	785013	47.27%	13.165%
7	14.181	1838	1845	1850	rBV2	23846	38392	2.31%	0.644%
8	14.739	1932	1940	1946	rBV	125530	199817	12.03%	3.351%
9	16.231	2185	2194	2201	rBV	497446	752597	45.31%	12.621%
10	17.489	2403	2408	2415	rBV	191168	284289	17.12%	4.768%
11	17.606	2423	2428	2432	rVB4	14614	19329	1.16%	0.324%
12	18.376	2553	2559	2565	rBV2	111668	154827	9.32%	2.596%
13	19.645	2769	2775	2780	rBV3	38855	58872	3.54%	0.987%
14	20.103	2847	2853	2858	rBV	1323629	1660855	100.00%	27.853%
15	20.849	2976	2980	2983	rBV2	27823	29970	1.80%	0.503%
16	21.408	3068	3075	3088	rBV2	113491	207926	12.52%	3.487%
17	21.789	3133	3140	3147	rVB2	205375	342113	20.60%	5.737%
18	25.121	3696	3707	3720	rBV	120348	365312	22.00%	6.126%

Sum of corrected areas: 5963018

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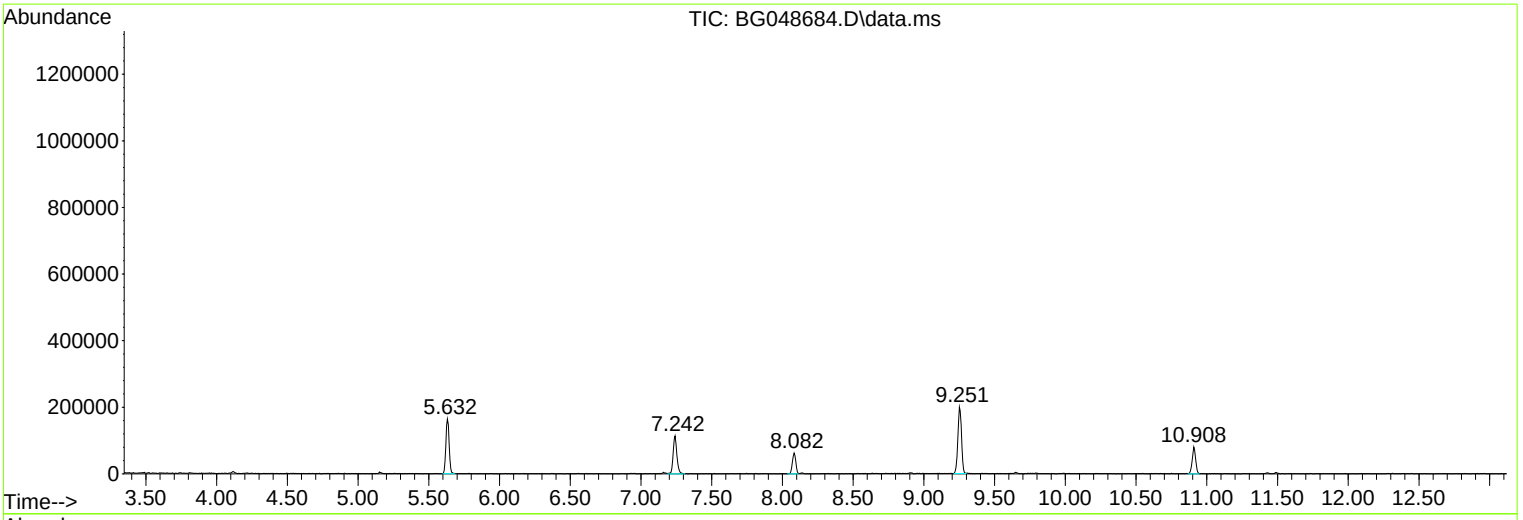
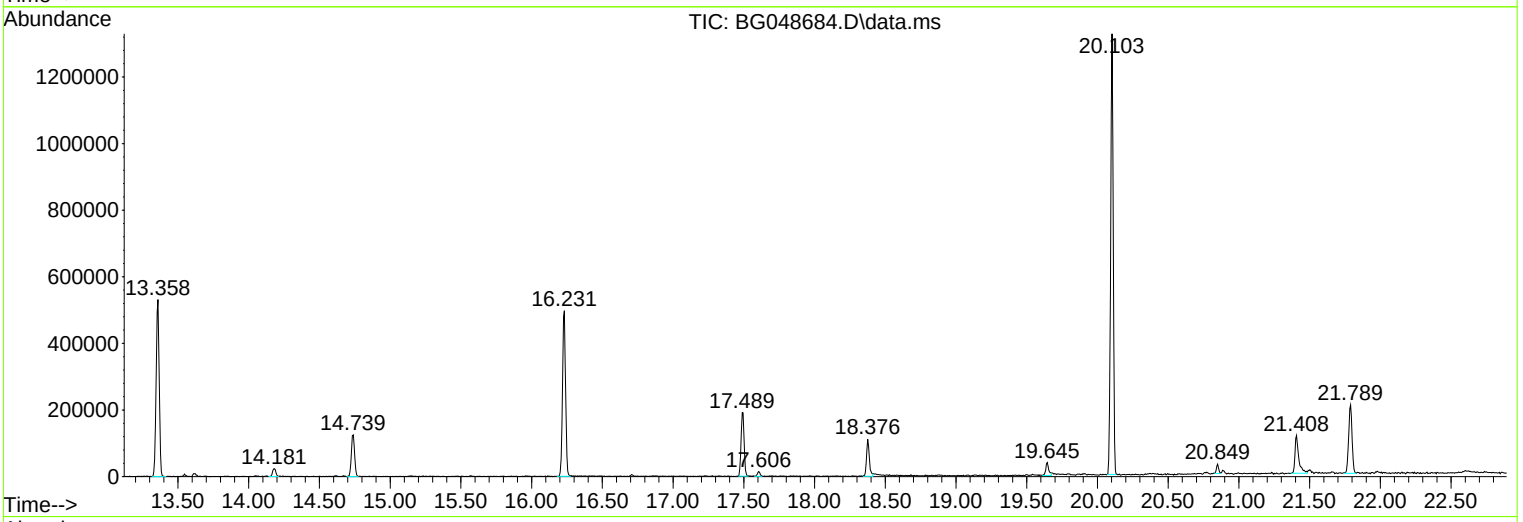
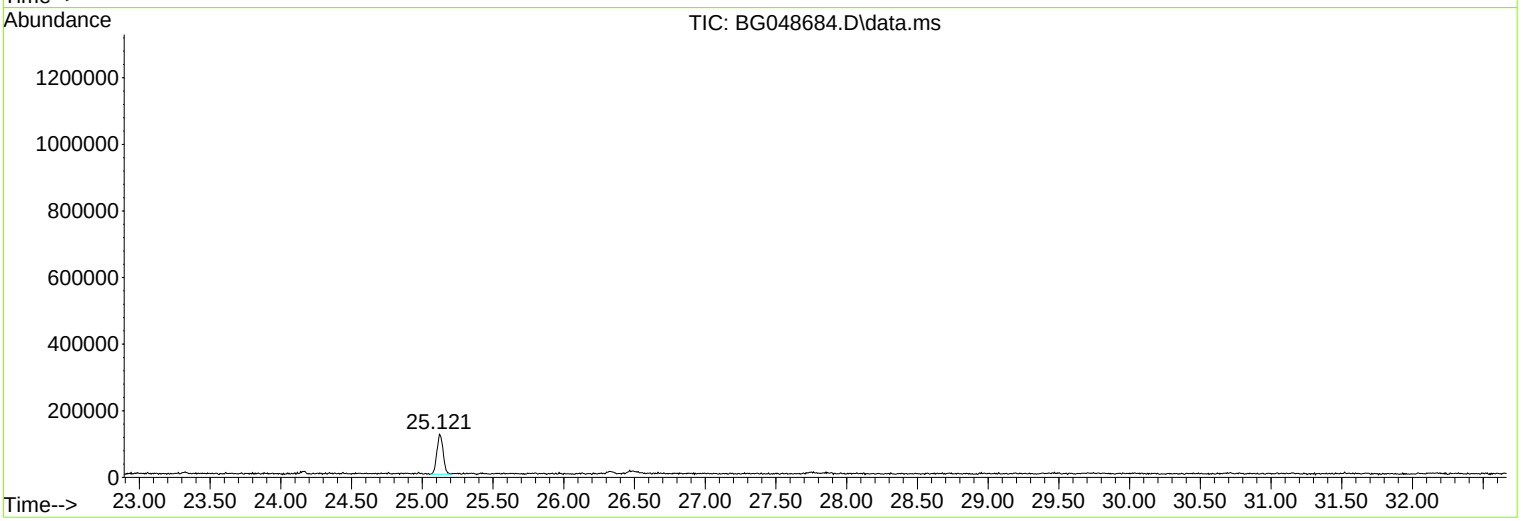
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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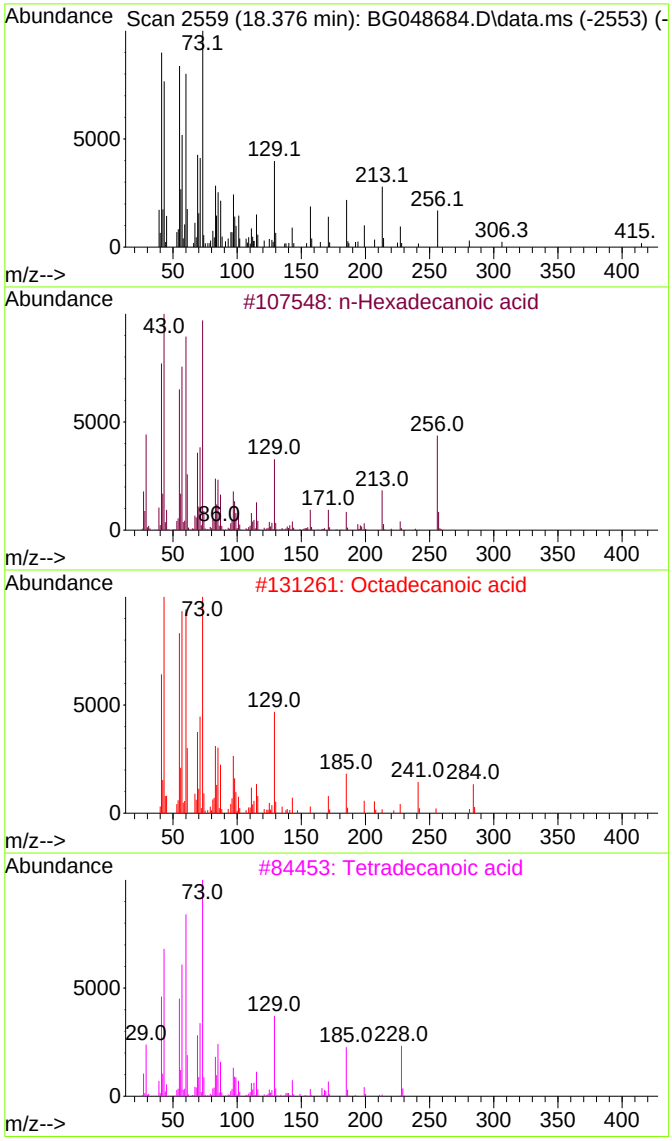
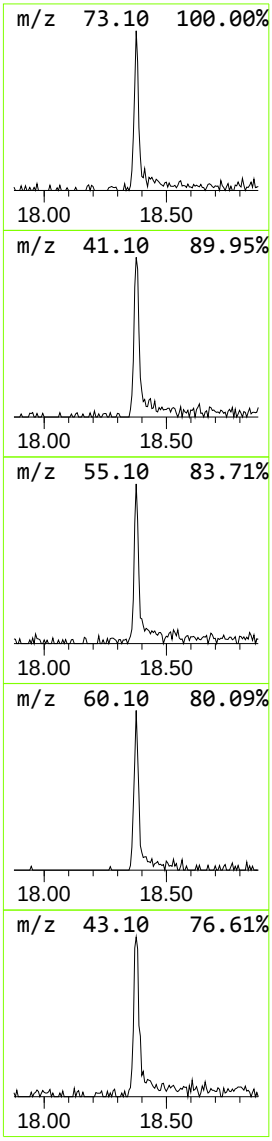
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.376	10.89 ng	154827	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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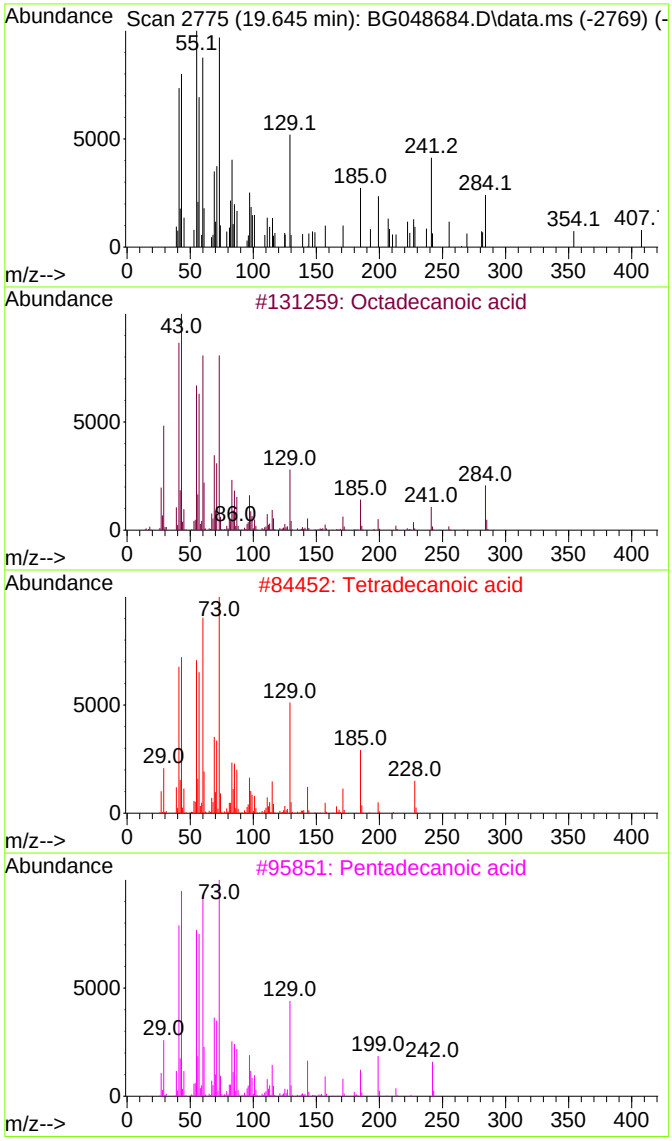
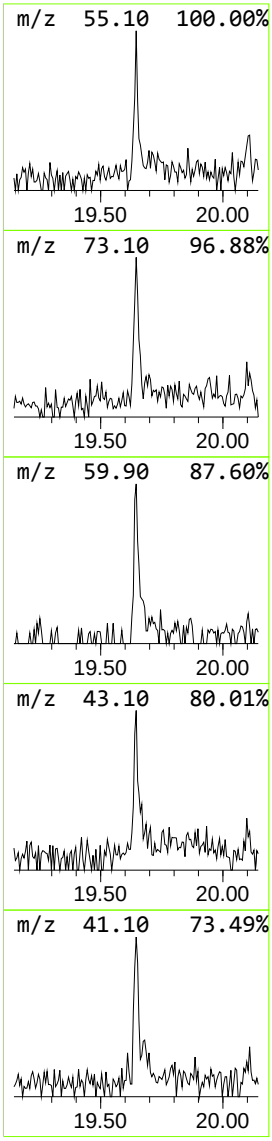
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.645	3.44 ng	58872	Chrysene-d12	21.784

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	35





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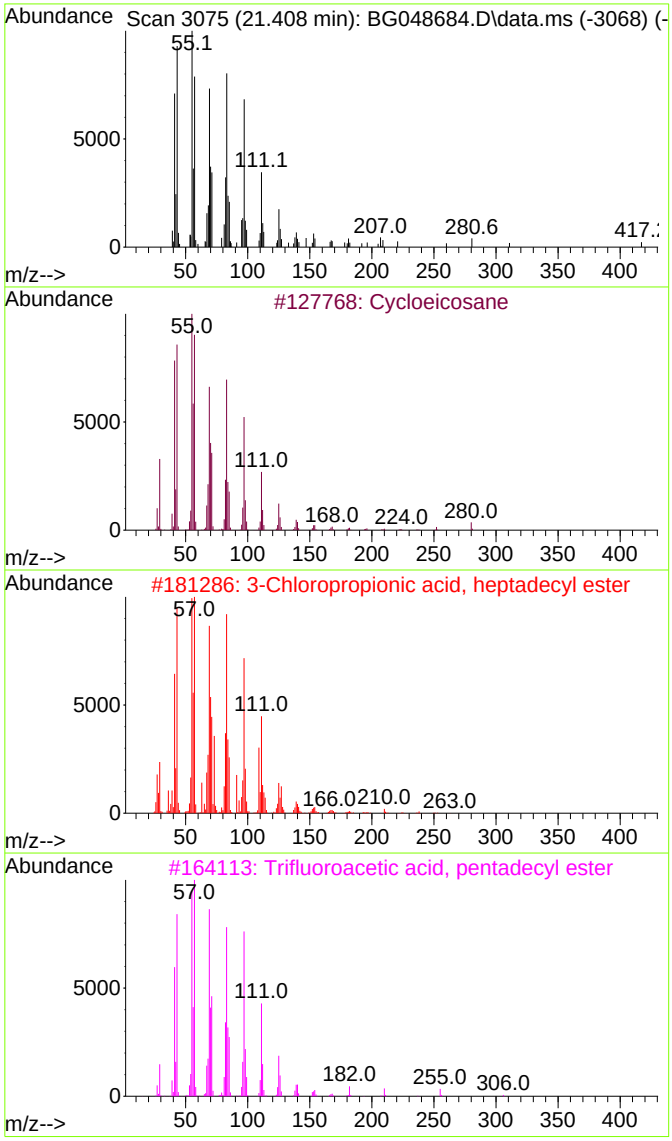
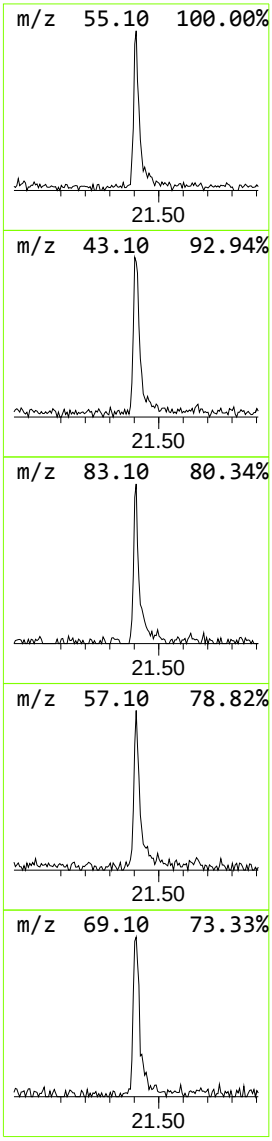
Peak Number 3 Cycloeicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.408	12.16 ng	207926	Chrysene-d12	21.784

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Eicosene	280	C20H40	003452-07-1	86





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.376	10.9	ng	154827	4	17.489	284289	20.0
Octadecanoic acid	19.645	3.4	ng	58872	5	21.784	342113	20.0
Cycloeicosane	21.408	12.2	ng	207926	5	21.784	342113	20.0