LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053498.D
Acq On : 9 May 2022 18:23
Operator : CG/JU
Sample : N2745-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-31S

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: BG053498.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.656	380	386	399	rBV	447142	764915	42.76%	8.857%
2	7.254	650	658	671	rBV	460549	842981	47.13%	9.761%
3	8.088	791	800	808	rBV	100723	177289	9.91%	2.053%
4	9.251	990	998	1015	rBV	294035	540084	30.19%	6.254%
5	10.902	1271	1279	1289	rBV	131204	244220	13.65%	2.828%
6	13.334	1686	1693	1702	rBV	752919	1152570	64.44%	13.346%
7	14.714	1918	1928	1938	rVB	217959	353442	19.76%	4.093%
8	16.200	2174	2181	2197	rBV	609029	963342	53.86%	11.155%
9	17.457	2388	2395	2405	rBV	290693	448123	25.05%	5.189%
10	18.339	2541	2545	2553	rBV4	25663	47384	2.65%	0.549%
11	20.060	2832	2838	2844	rBV	1372457	1788712	100.00%	20.712%
12	21.358	3054	3059	3072	rBV	101133	193533	10.82%	2.241%
13	21.734	3117	3123	3131	rBV2	299071	509510	28.48%	5.900%
14	22.556	3255	3263	3276	rBV7	37158	113011	6.32%	1.309%
15	25.012	3671	3681	3692	rBV2	166847	497046	27.79%	5.755%

Sum of corrected areas: 8636162

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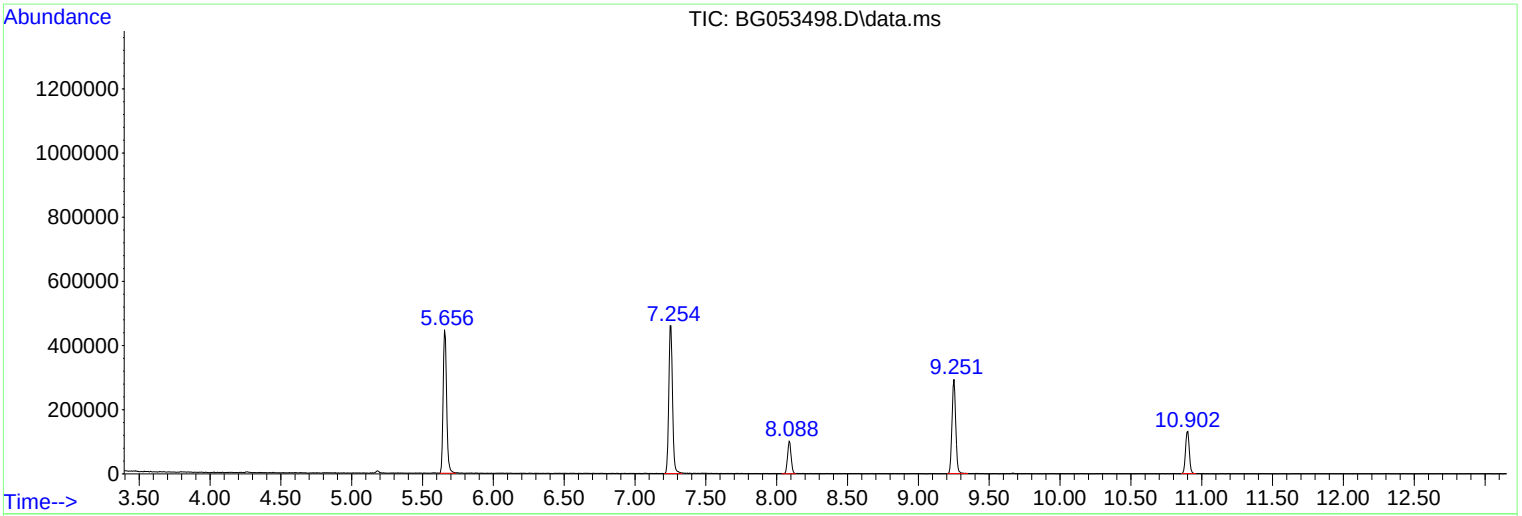
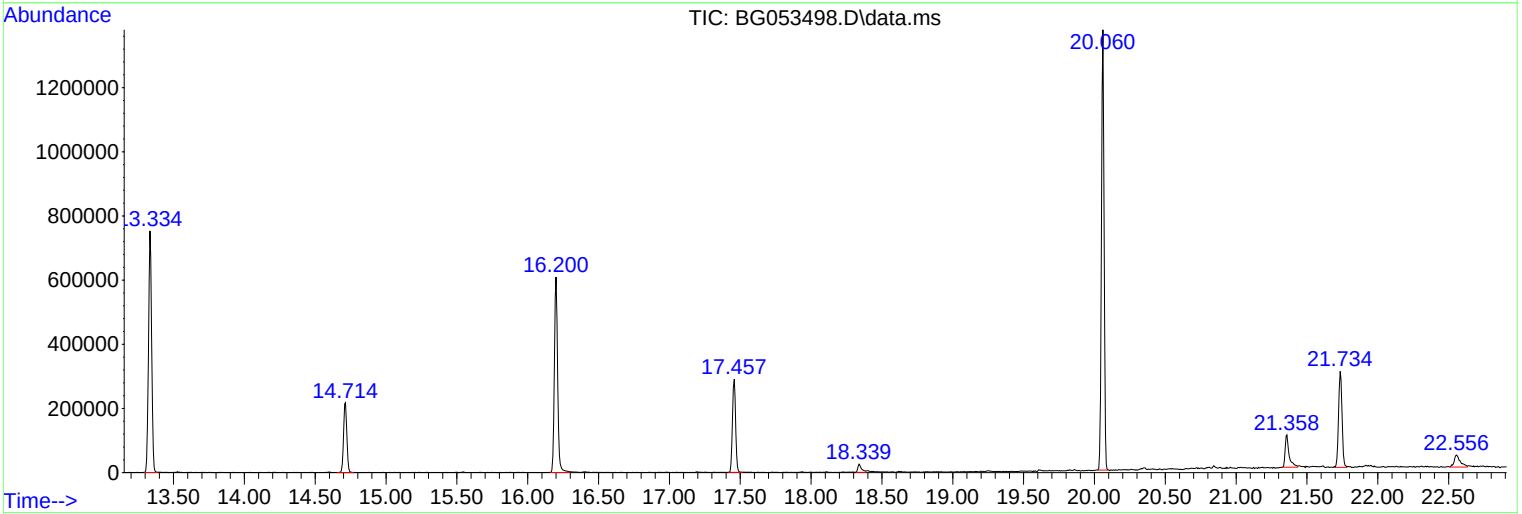
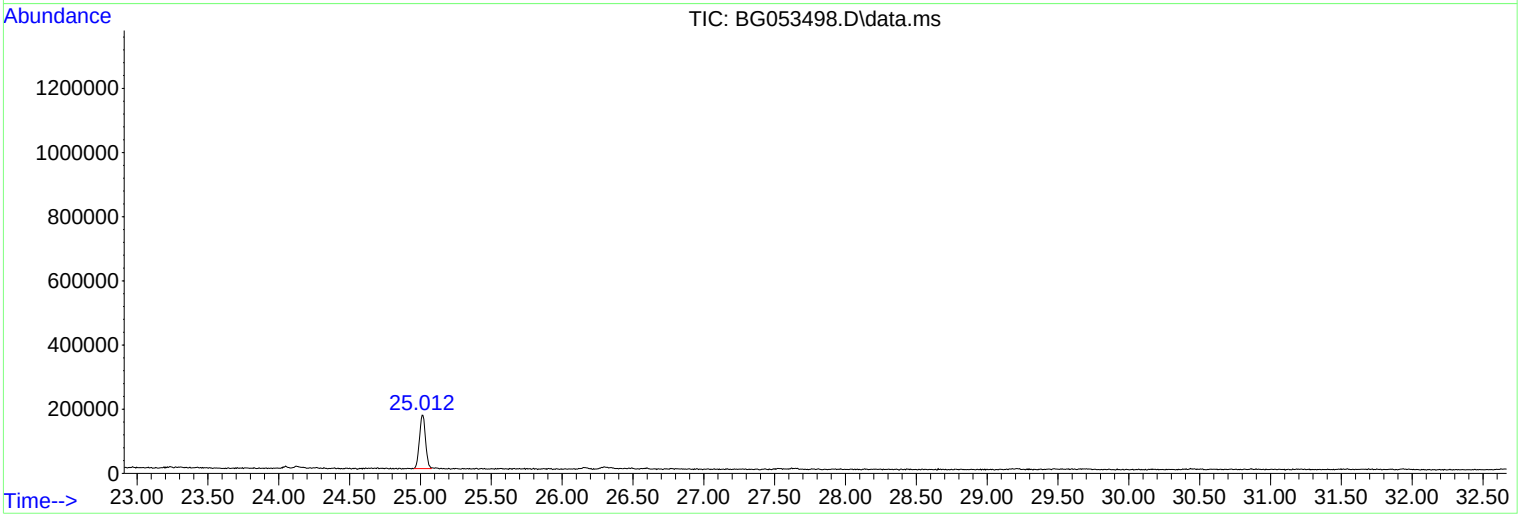
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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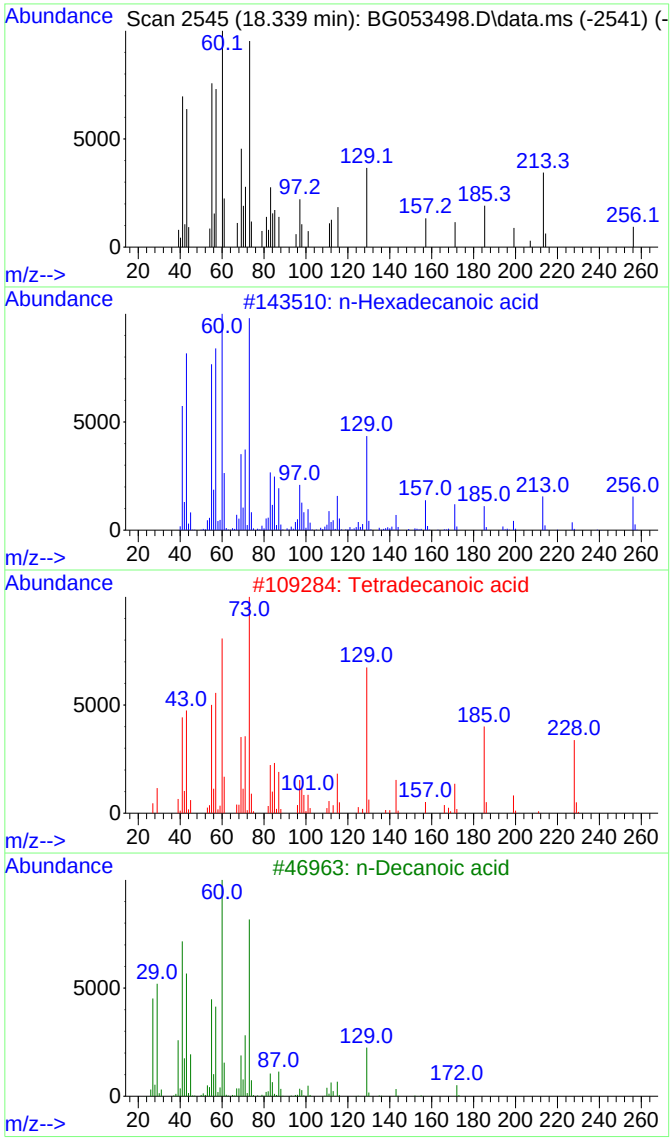
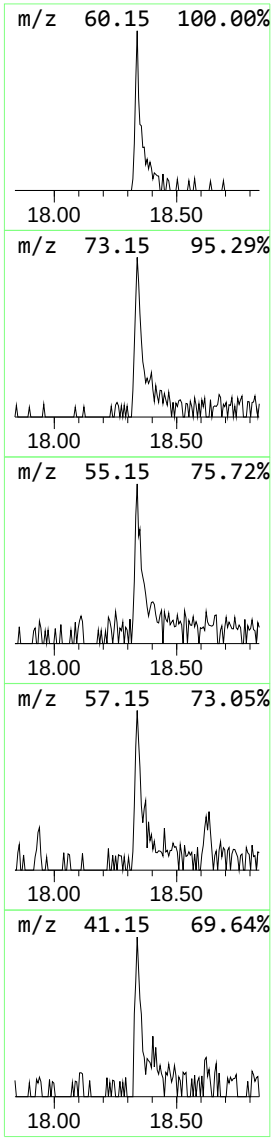
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	2.11 ng	47384	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Undecanoic acid, 10-bromo-	264	C11H21BrO2	018294-93-4	47
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	47





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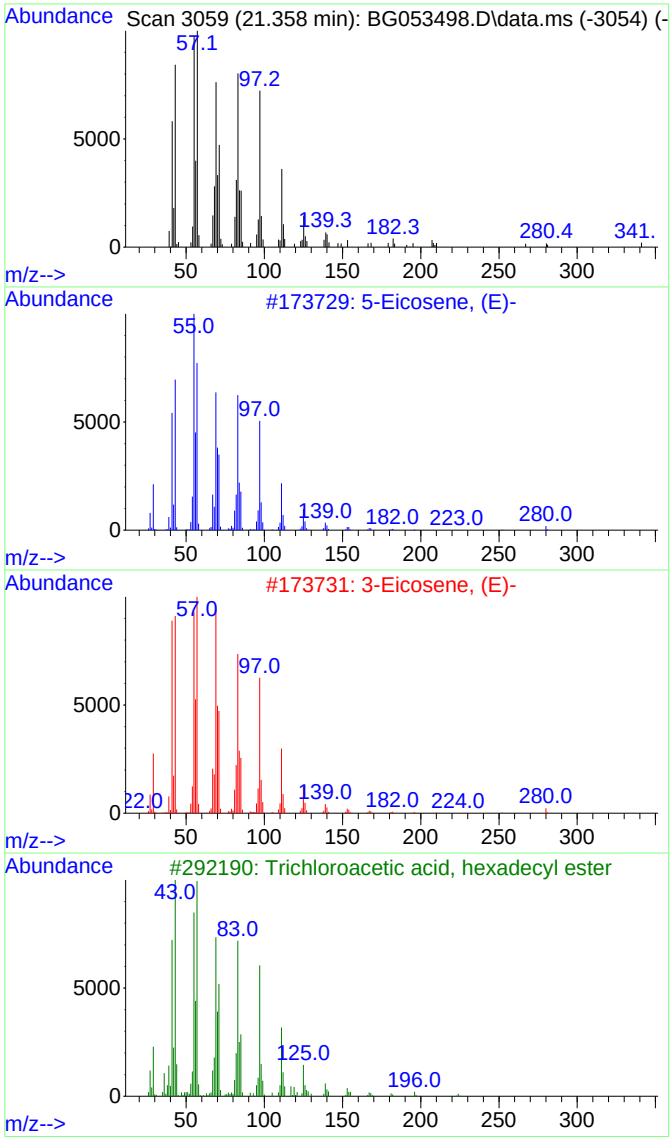
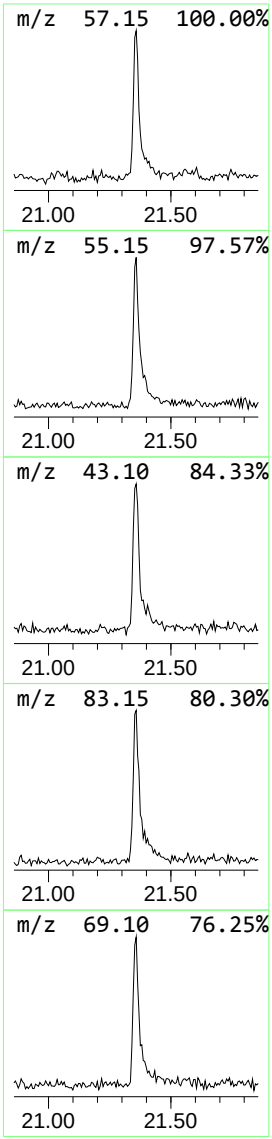
Peak Number 2 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.358	7.60 ng	193533	Chrysene-d12	21.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





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BNA_G
ClientSampleId :
MH-31S

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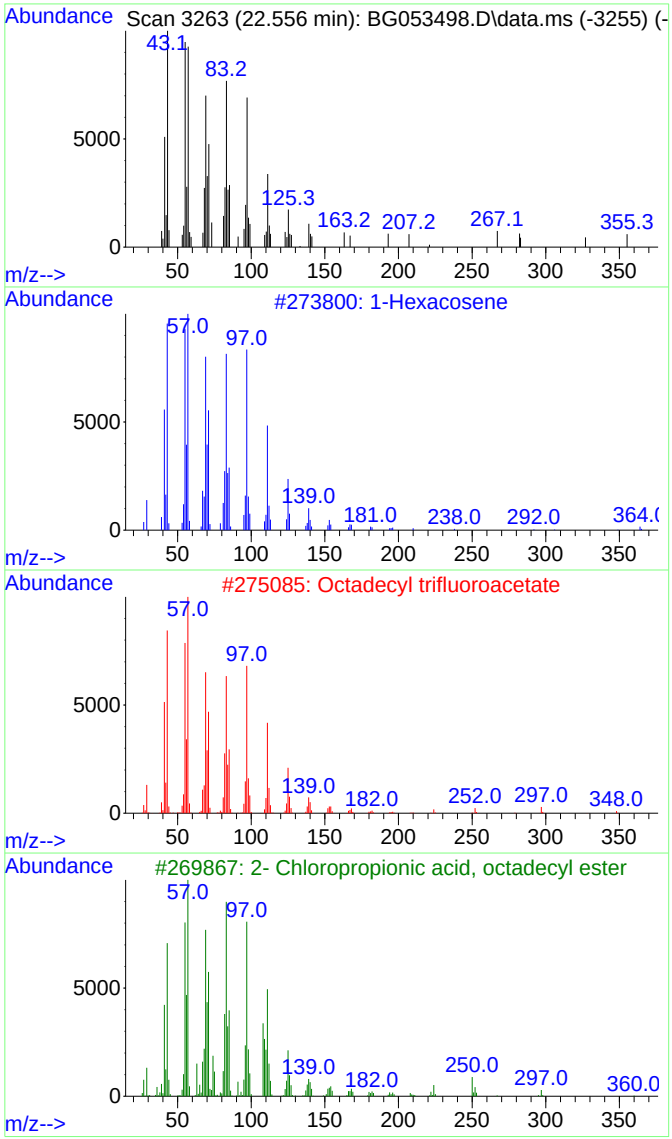
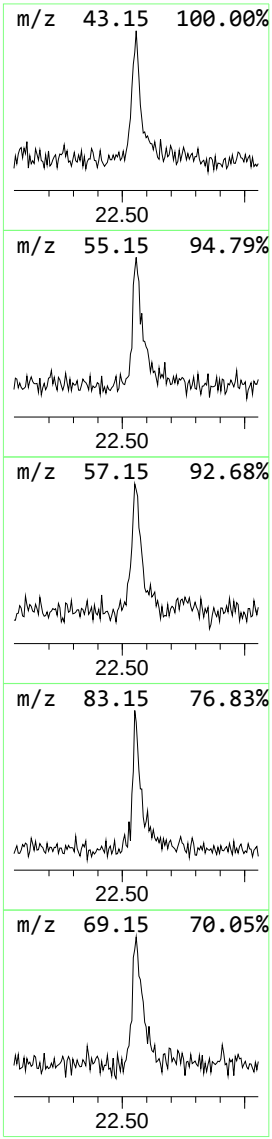
Peak Number 3 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.556	4.44 ng	113011	Chrysene-d12	21.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Octacosyl acetate	452	C30H60O2	018206-97-8	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.339	2.1	ng	47384	4	17.457	448123	20.0
5-Eicosene, (E)-	21.358	7.6	ng	193533	5	21.734	509510	20.0
1-Hexacosene	22.556	4.4	ng	113011	5	21.734	509510	20.0