LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
Data File : BG056255.D
Acq On : 11 Jan 2023 18:02
Operator : CG/JU
Sample : 01055-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-J

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-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056255.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.329	3	7	21	rVB	501267	765410	16.85%	4.967%
2	5.351	346	351	357	rBV	54344	84042	1.85%	0.545%
3	5.832	426	433	442	rBV	338583	537457	11.83%	3.488%
4	7.448	701	708	716	rBV	204140	353619	7.79%	2.295%
5	8.318	845	856	862	rBV	125358	217286	4.78%	1.410%
6	9.487	1046	1055	1063	rBV	425012	778592	17.14%	5.053%
7	11.150	1329	1338	1348	rBV	166441	301662	6.64%	1.958%
8	13.553	1740	1747	1755	rVB	1673363	2617638	57.63%	16.987%
9	14.928	1973	1981	1991	rVB	341666	527547	11.62%	3.424%
10	16.408	2225	2233	2247	rBV	1304261	2021393	44.51%	13.118%
11	17.666	2440	2447	2453	rBV	482828	748096	16.47%	4.855%
12	18.506	2585	2590	2598	rBV2	57571	82059	1.81%	0.533%
13	20.239	2879	2885	2894	rBV	3622852	4541752	100.00%	29.474%
14	21.543	3102	3107	3115	rBV5	36654	80960	1.78%	0.525%
15	21.955	3170	3177	3184	rBV	498808	831143	18.30%	5.394%
16	23.706	3471	3475	3485	rVB4	23498	48657	1.07%	0.316%
17	25.398	3751	3763	3774	rBV2	281876	872049	19.20%	5.659%

Sum of corrected areas: 15409362

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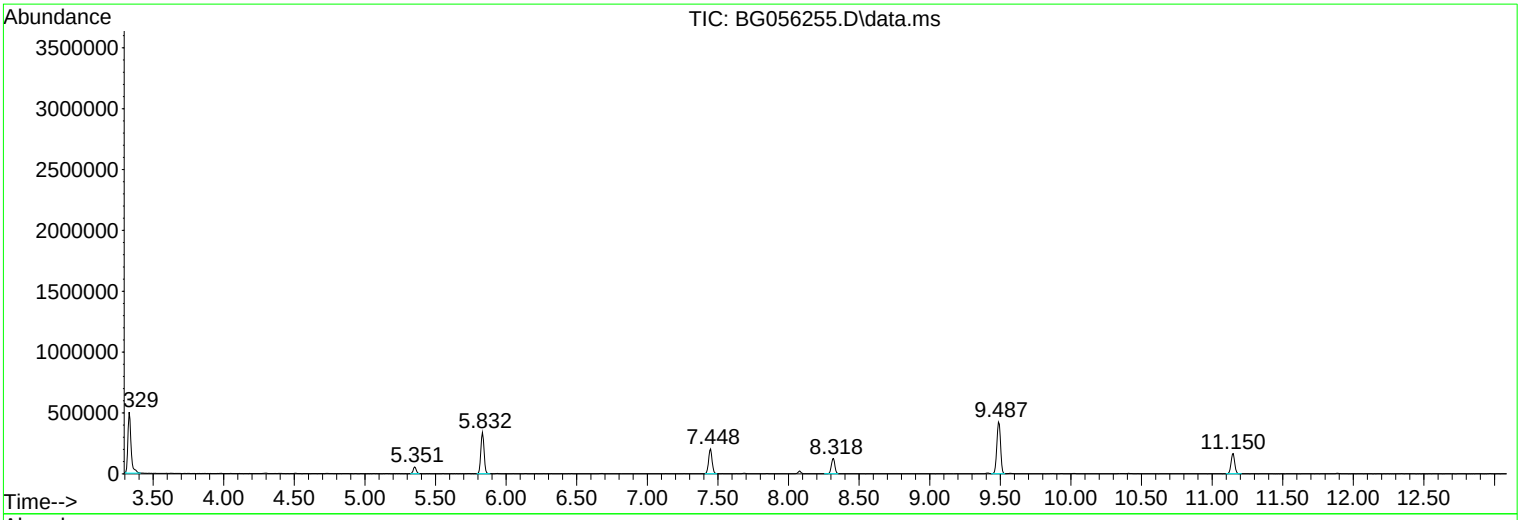
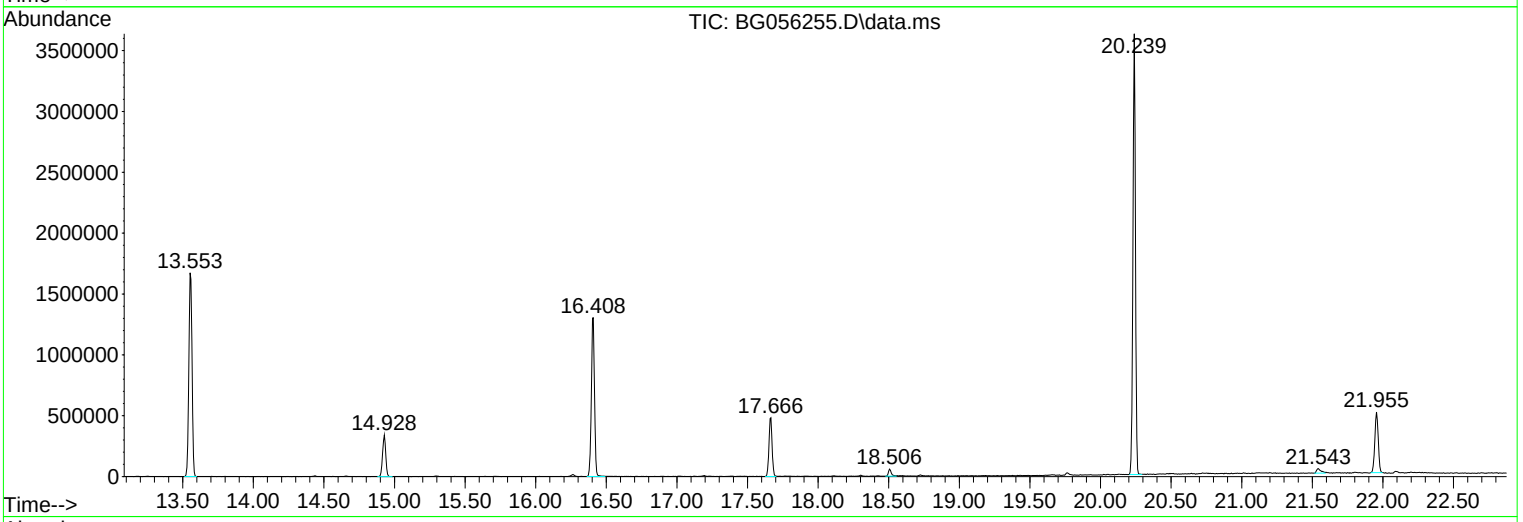
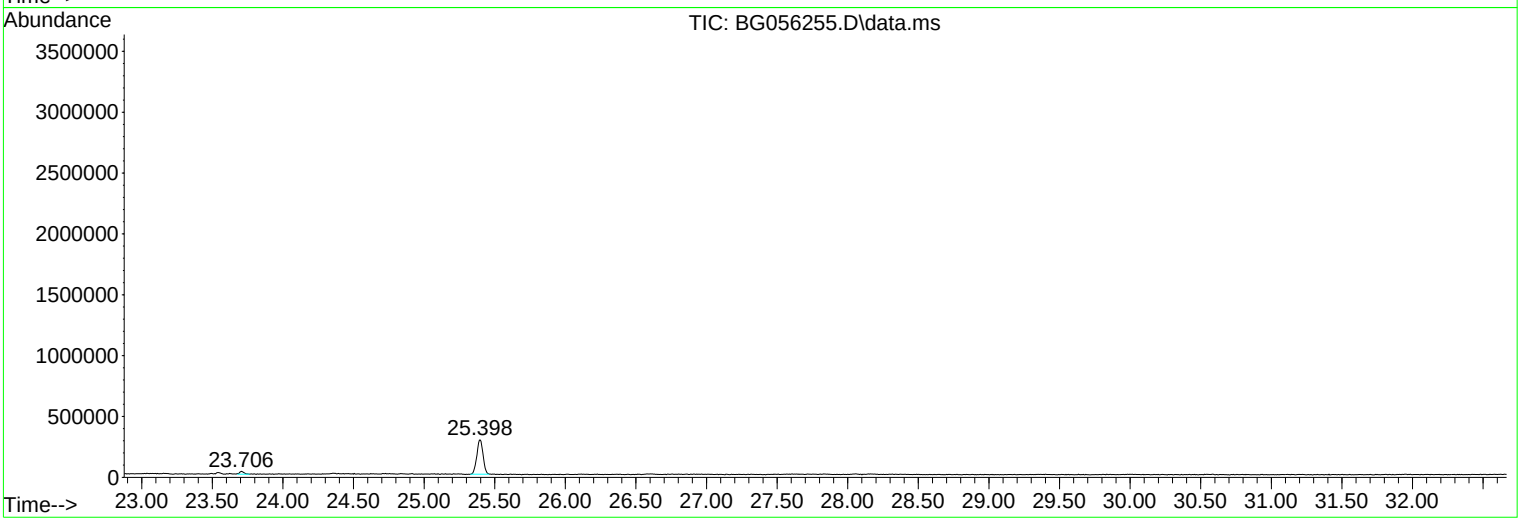
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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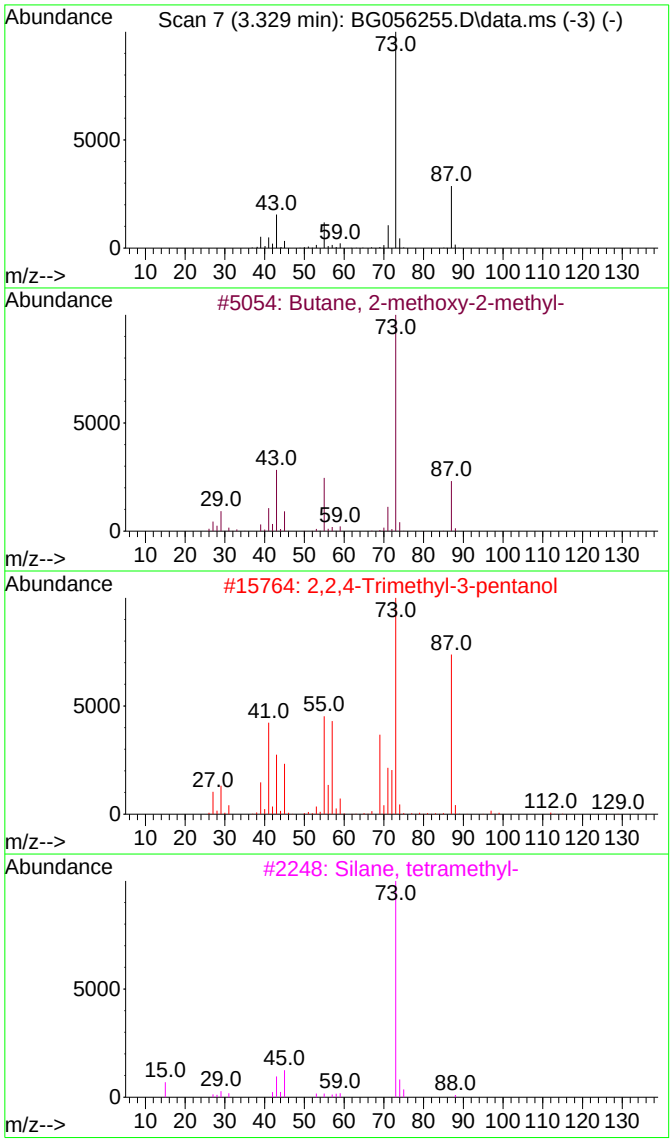
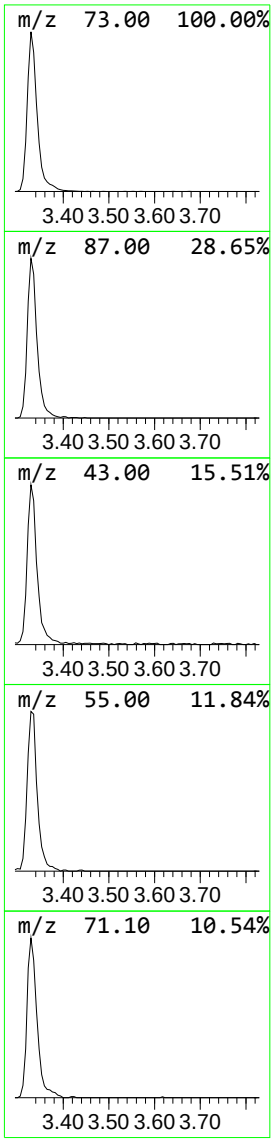
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.329	70.45 ng	765410	1,4-Dichlorobenzene-d4	8.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9





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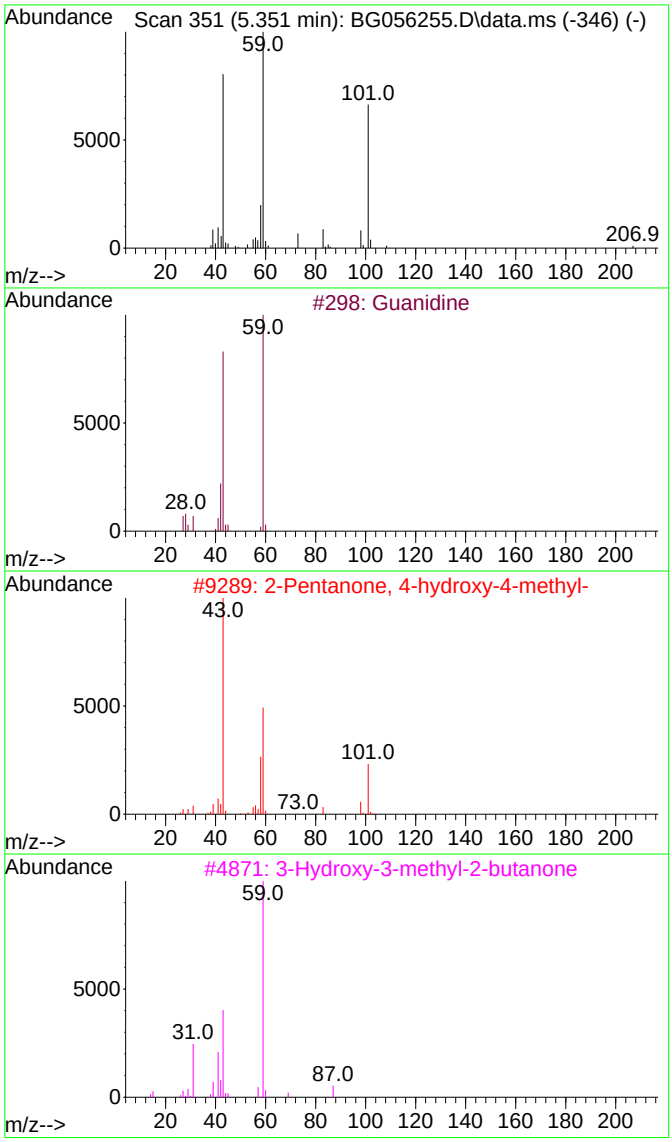
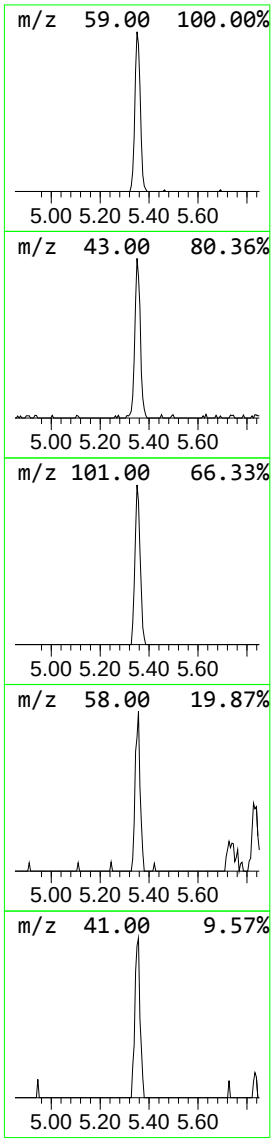
Peak Number 2 unknown5.351 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.351	7.74 ng	84042	1,4-Dichlorobenzene-d4	8.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	37
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	27
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	2-Pentanol, 3-chloro-2-methyl-	136	C6H13ClO	074685-49-7	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	23





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BNA_G
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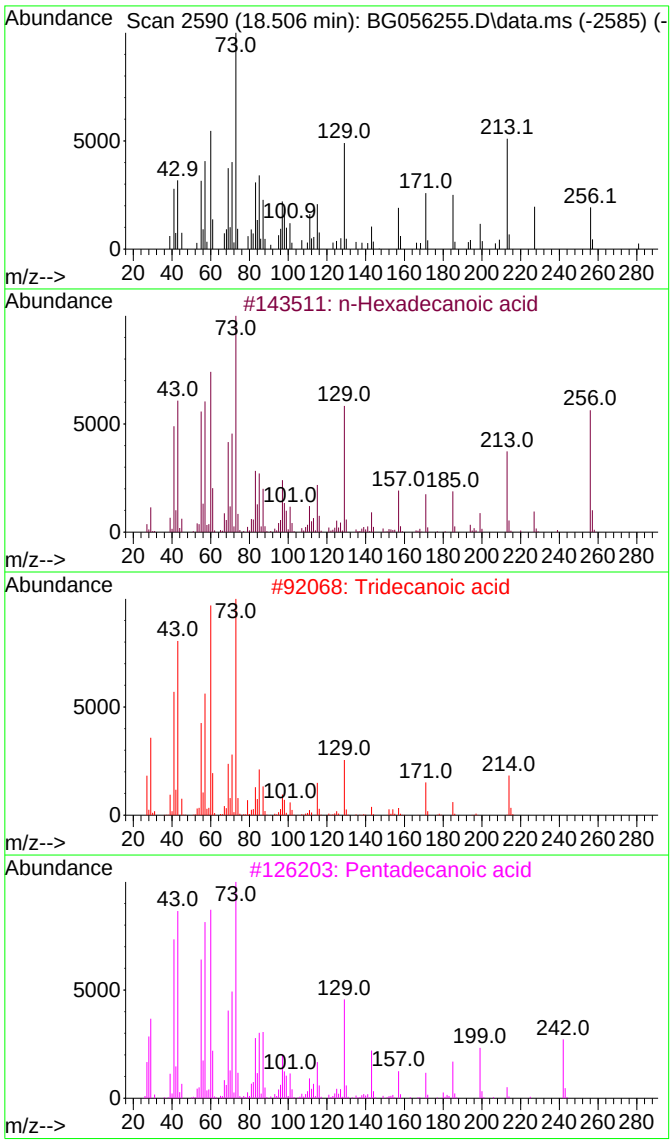
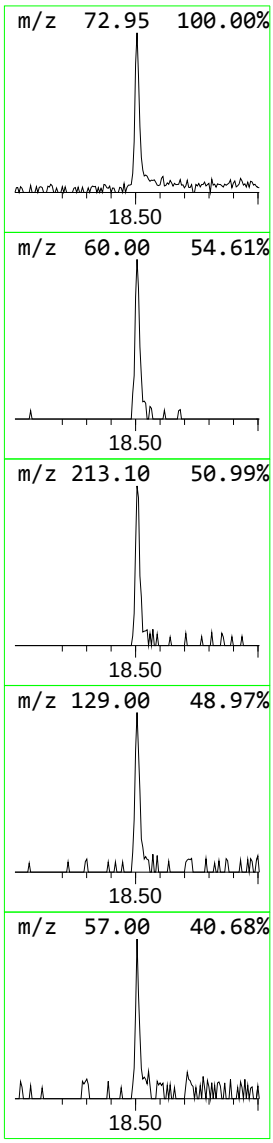
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.506	2.19 ng	82059	Phenanthrene-d10	17.666

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	35





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...	3.329	70.5	ng	765410	1	8.318	217286	20.0
unknown5.351	5.351	7.7	ng	84042	1	8.318	217286	20.0
n-Hexadecanoic ...	18.506	2.2	ng	82059	4	17.666	748096	20.0