LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
Data File : BG058548.D
Acq On : 31 Jul 2023 18:10
Operator : MA/JU
Sample : 03741-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-P26A

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-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058548.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.916	305	311	319	rVB	19339	33387	1.22%	0.242%
2	5.387	384	391	408	rBV	761666	1248020	45.53%	9.032%
3	6.985	656	663	674	rBV	773533	1307520	47.70%	9.463%
4	7.813	797	804	815	rBV	179444	304870	11.12%	2.206%
5	8.976	994	1002	1015	rBV	449261	805930	29.40%	5.833%
6	10.616	1272	1281	1296	rBV	232458	437769	15.97%	3.168%
7	13.078	1693	1700	1712	rBV	1095796	1752119	63.92%	12.681%
8	13.912	1835	1842	1854	rBV	50364	82364	3.00%	0.596%
9	14.458	1928	1935	1946	rBV	388746	624989	22.80%	4.523%
10	15.951	2182	2189	2205	rBV	940318	1515933	55.30%	10.971%
11	17.202	2396	2402	2411	rBV	486916	791114	28.86%	5.726%
12	18.036	2540	2544	2550	rBV4	14203	28805	1.05%	0.208%
13	18.095	2550	2554	2564	rVV	108476	185153	6.75%	1.340%
14	19.376	2768	2772	2783	rBV5	17558	37162	1.36%	0.269%
15	19.828	2842	2849	2861	rBV	2026280	2741154	100.00%	19.839%
16	21.192	3071	3081	3082	rBV7	20578	55036	2.01%	0.398%
17	21.444	3118	3124	3135	rBV	506886	829354	30.26%	6.002%
18	23.612	3489	3493	3499	rVB3	15795	31446	1.15%	0.228%
19	24.517	3636	3647	3661	rBV	327359	954461	34.82%	6.908%
20	25.563	3821	3825	3833	rVB6	21079	50554	1.84%	0.366%

Sum of corrected areas: 13817140

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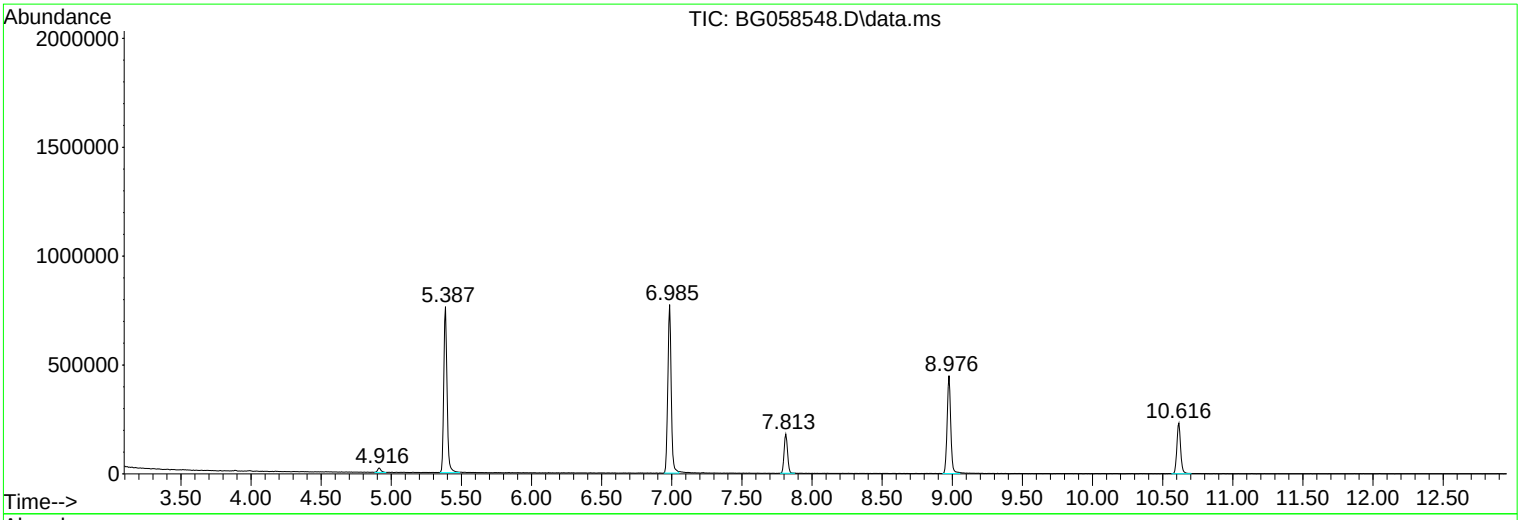
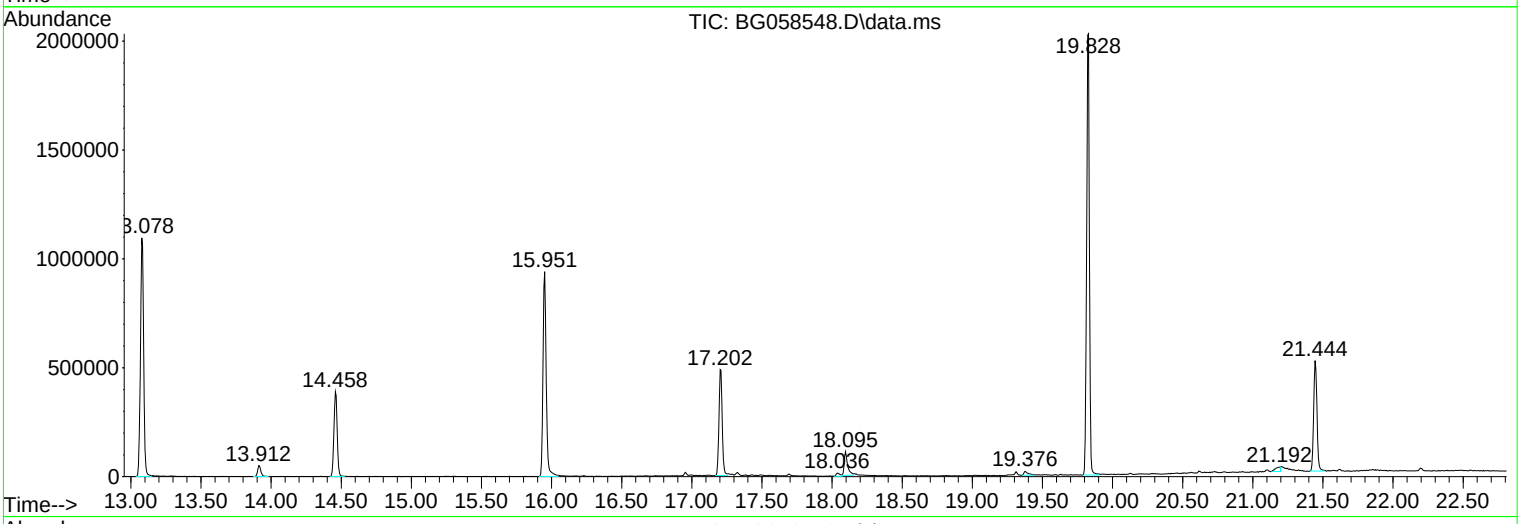
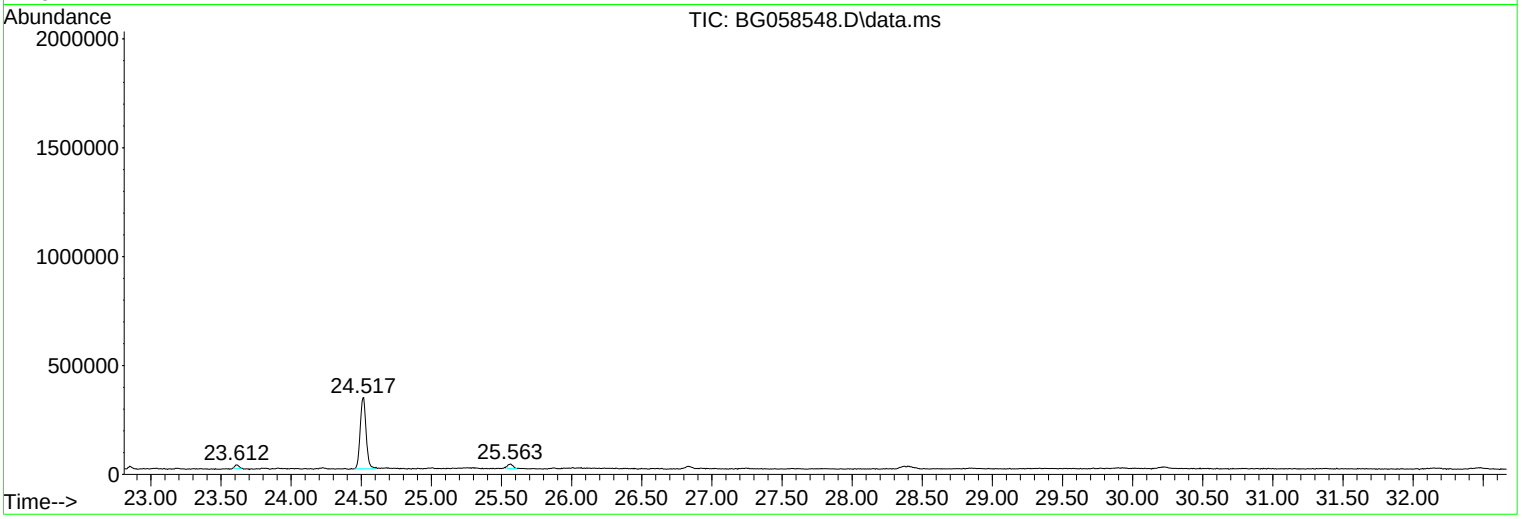
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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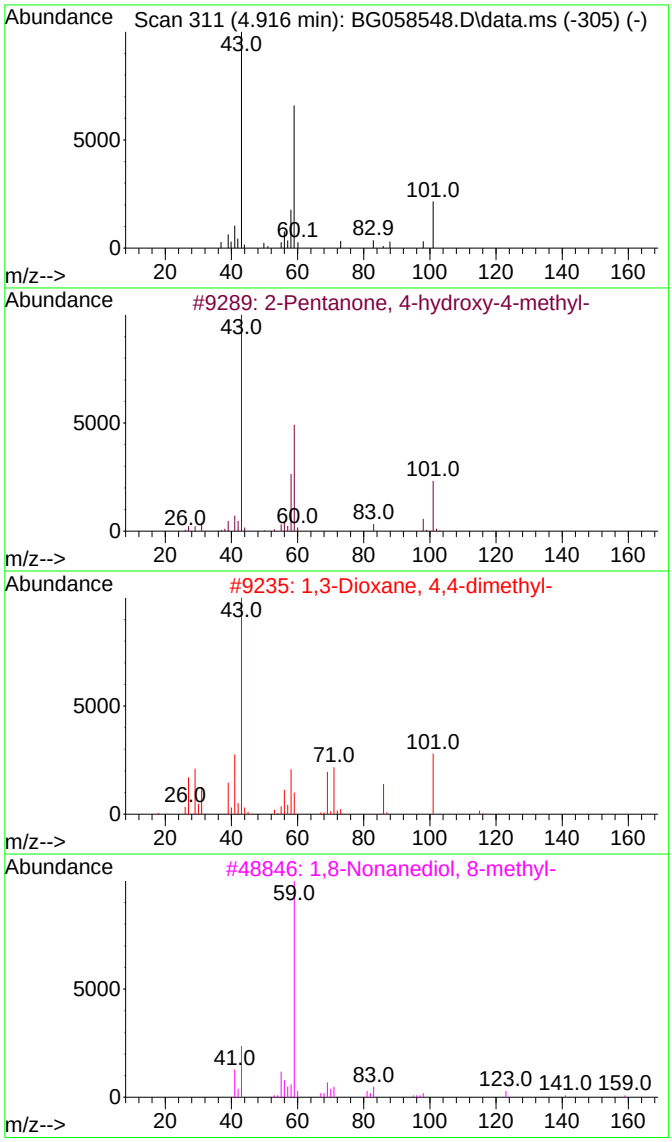
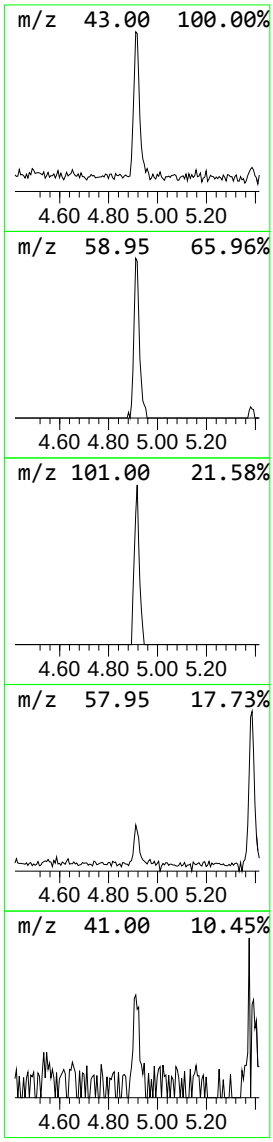
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.916	2.19 ng	33387	1,4-Dichlorobenzene-d4	7.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	25
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	DL-Lactamide, N,O-dimethyl-	117	C5H11NO2	1000452-56-3	23
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23





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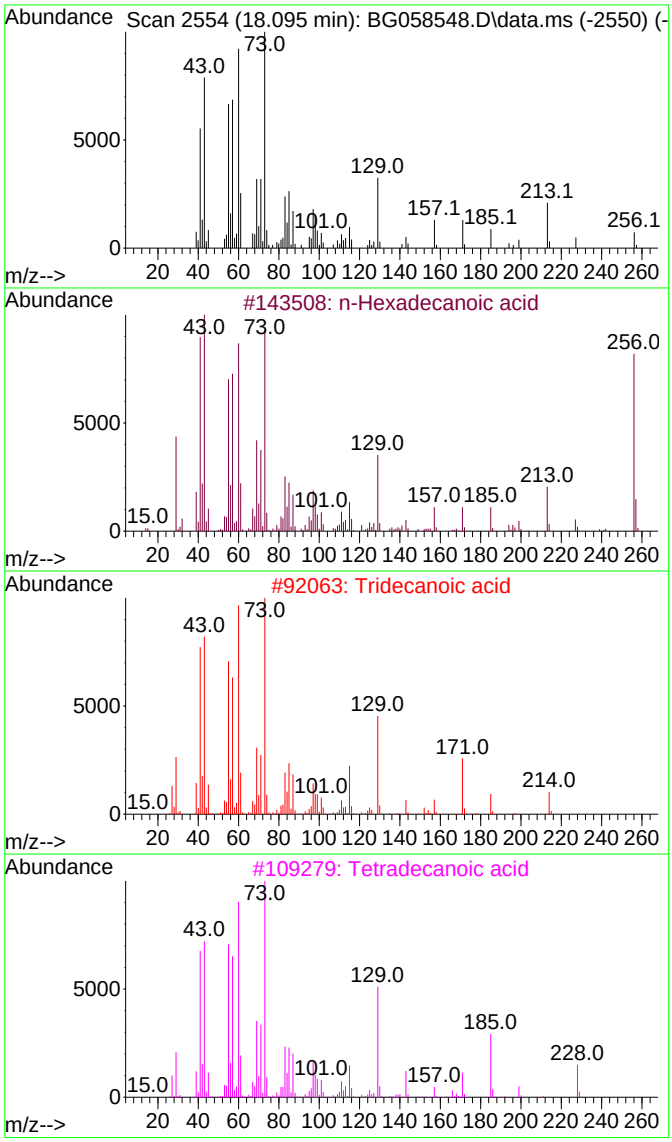
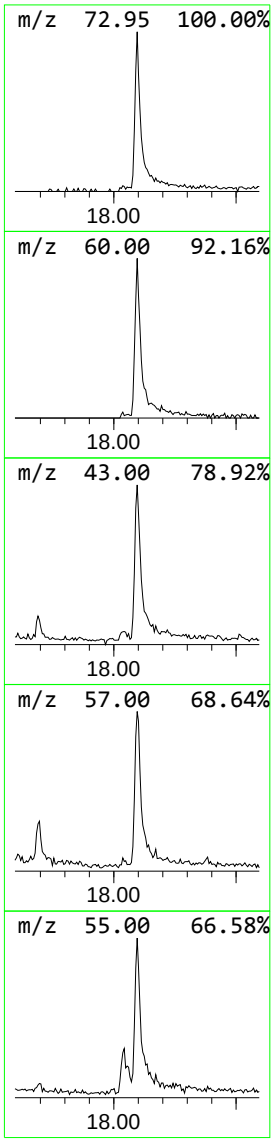
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	4.68 ng	185153	Phenanthrene-d10	17.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	53





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.916	2.2	ng	33387	1	7.813	304870	20.0
n-Hexadecanoic ...	18.095	4.7	ng	185153	4	17.208	791114	20.0