LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
Data File : BG058578.D
Acq On : 2 Aug 2023 14:44
Operator : MA/JU
Sample : 03686-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-20-2-4-20230720

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: BG058578.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.385	384	391	403	rBV	663641	1040038	47.14%	8.442%
2	6.983	656	663	680	rBV	638713	1090292	49.41%	8.850%
3	7.811	797	804	812	rBV	172142	275381	12.48%	2.235%
4	8.975	994	1002	1016	rBV	365166	666423	30.20%	5.409%
5	10.614	1273	1281	1290	rBV	227746	414902	18.80%	3.368%
6	13.082	1694	1701	1713	rBV	911688	1434289	65.00%	11.642%
7	14.462	1927	1936	1943	rBV	367887	601191	27.25%	4.880%
8	15.949	2183	2189	2208	rBV	807536	1276709	57.86%	10.363%
9	17.206	2396	2403	2408	rBV	461288	740888	33.58%	6.014%
10	17.247	2408	2410	2418	rVV	49564	63677	2.89%	0.517%
11	17.324	2418	2423	2431	rVB6	15594	26416	1.20%	0.214%
12	18.093	2548	2554	2567	rBV3	101232	193737	8.78%	1.573%
13	19.263	2745	2753	2761	rBV	88293	129827	5.88%	1.054%
14	19.374	2767	2772	2782	rBV6	26308	56439	2.56%	0.458%
15	19.627	2811	2815	2823	rVB	75217	109674	4.97%	0.890%
16	19.821	2843	2848	2863	rBV	1651271	2206468	100.00%	17.910%
17	21.137	3061	3072	3077	rBV9	35823	128000	5.80%	1.039%
18	21.442	3117	3124	3130	rBV2	483286	827755	37.51%	6.719%
19	21.625	3151	3155	3161	rVB2	16231	24973	1.13%	0.203%
20	23.540	3475	3481	3488	rBV	22142	68210	3.09%	0.554%
21	24.368	3615	3622	3628	rBV3	19079	50838	2.30%	0.413%
22	24.515	3637	3647	3662	rBV	308497	893744	40.51%	7.254%

Sum of corrected areas: 12319871

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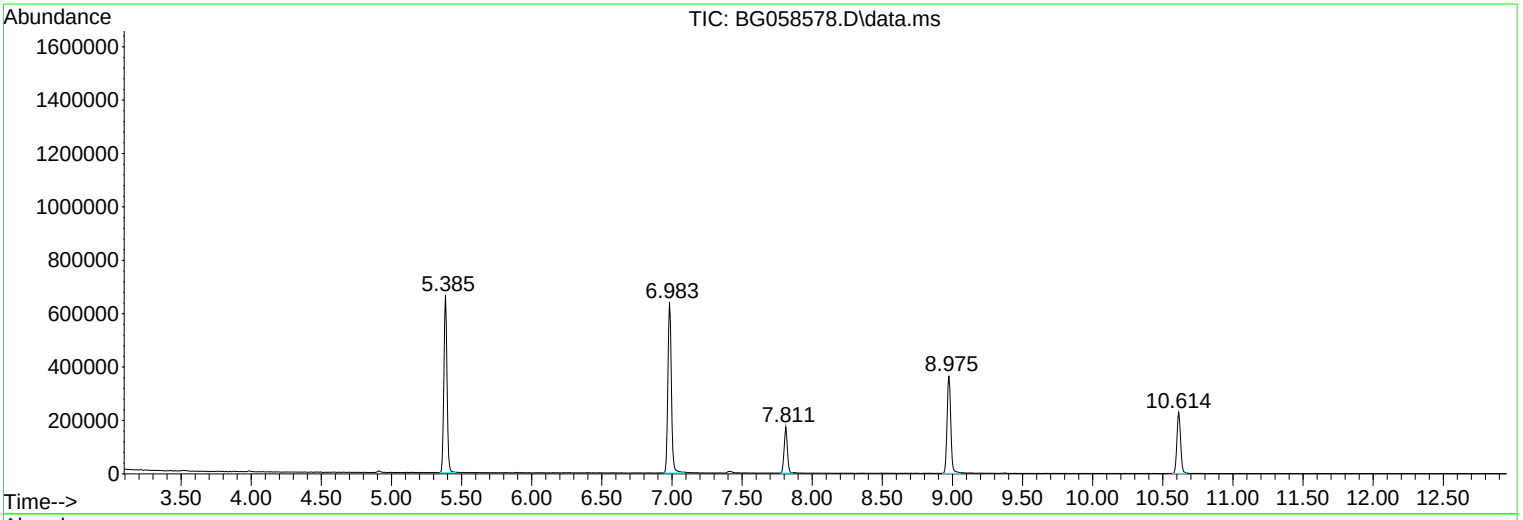
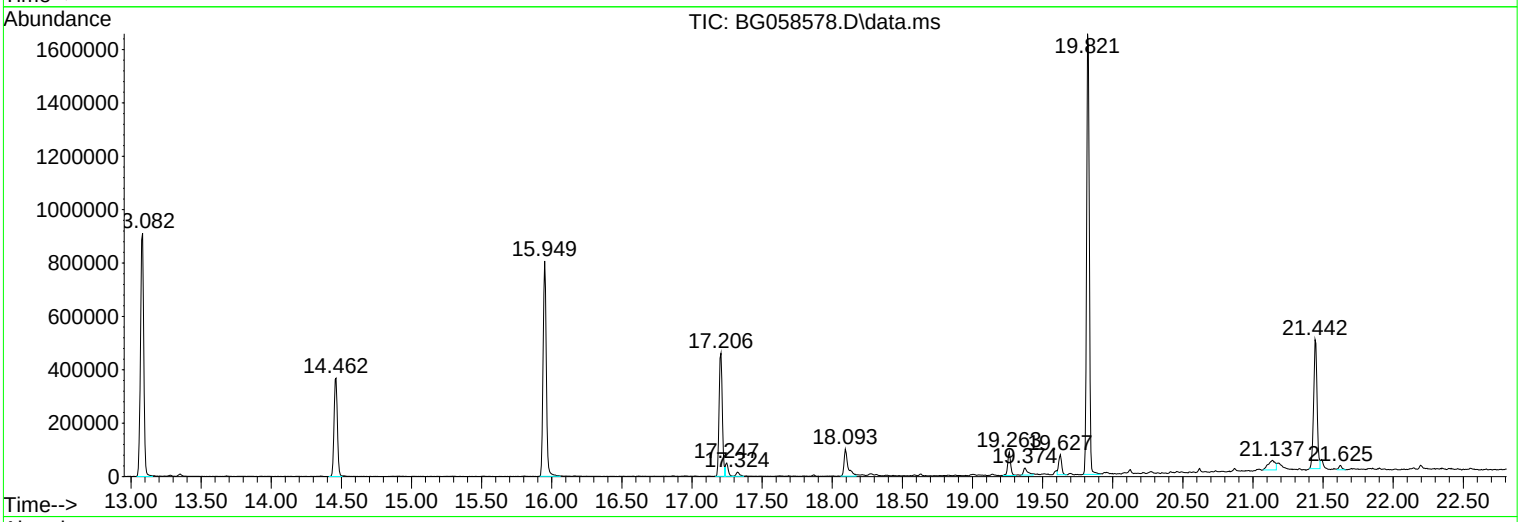
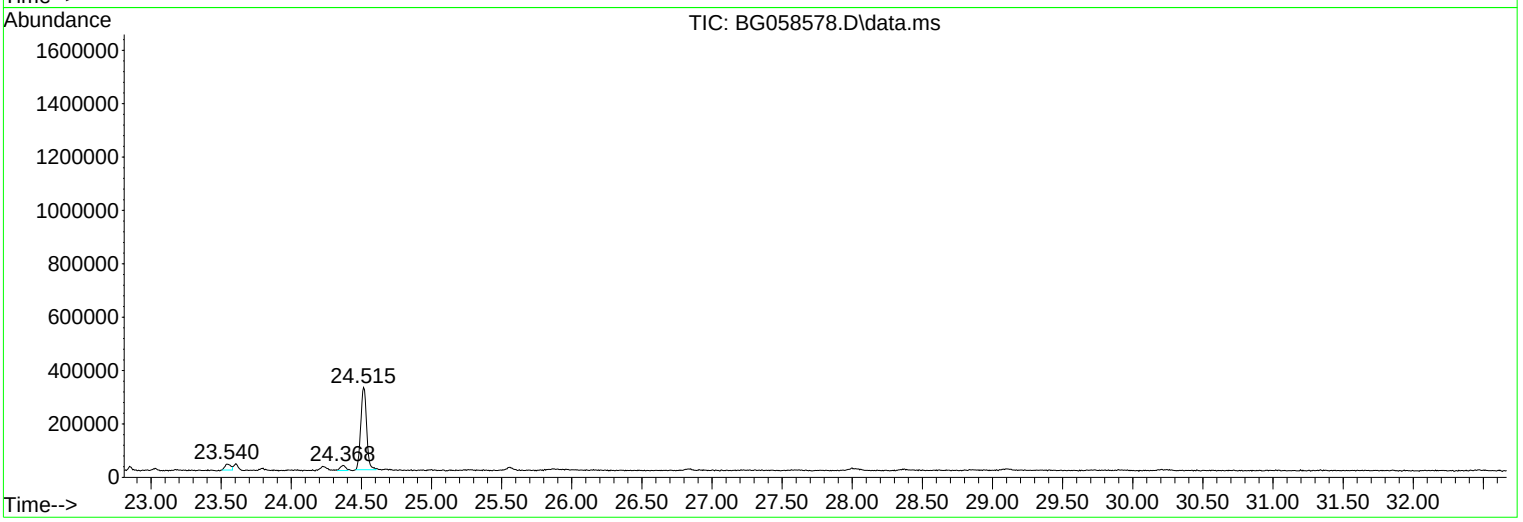
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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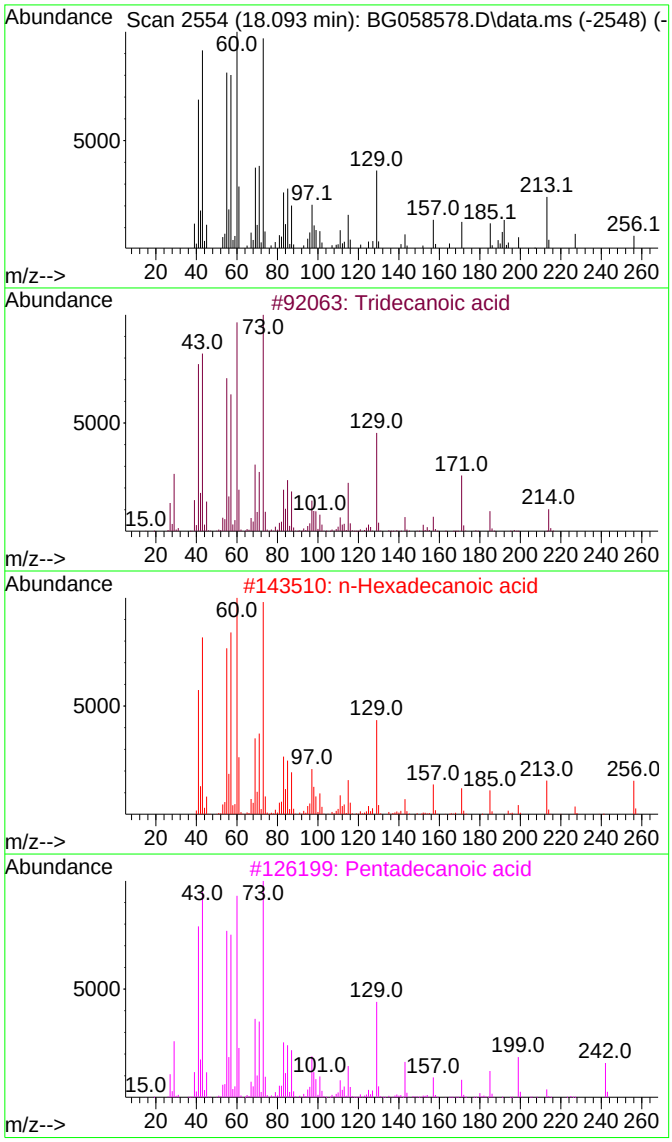
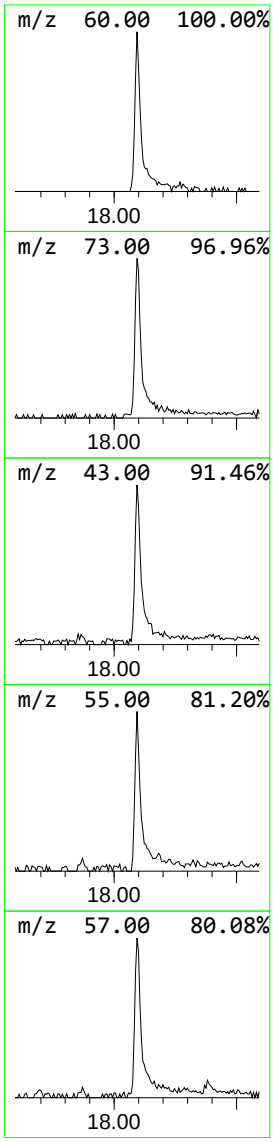
Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.093	5.23 ng	193737	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Octanoic acid	144	C8H16O2	000124-07-2	46





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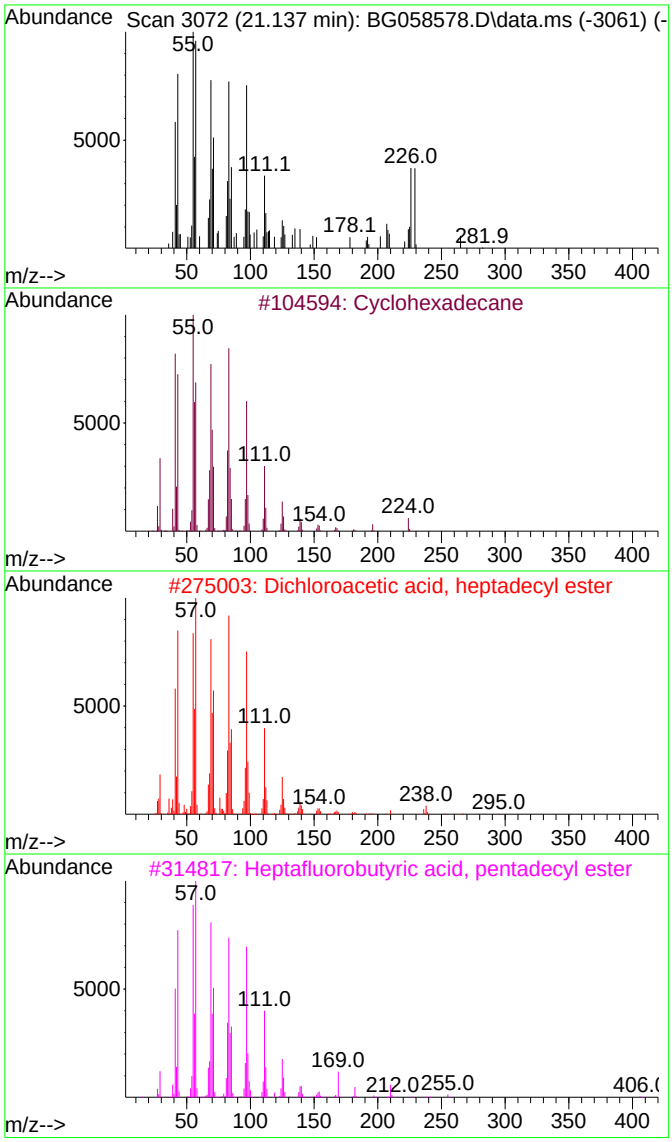
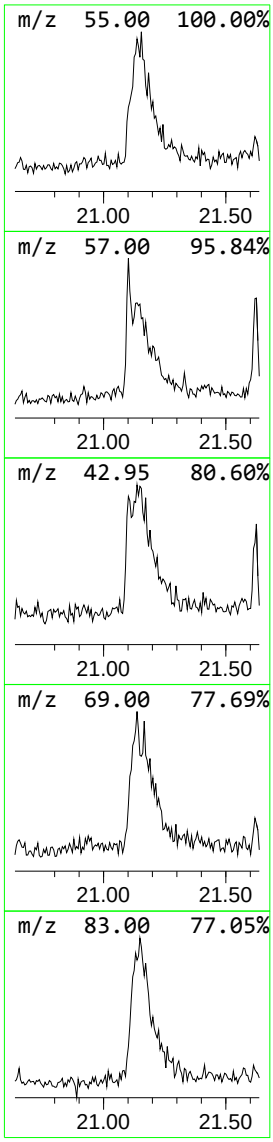
Peak Number 2 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.137	3.09 ng	128000	Chrysene-d12	21.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	86





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
Tridecanoic acid	18.093	5.2	ng	193737	4	17.206	740888	20.0
Cyclohexadecane	21.137	3.1	ng	128000	5	21.442	827755	20.0