LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135190.D
Acq On : 12 Sep 2023 19:54
Operator : CG\JU
Sample : 04336-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUCT-BANK-A

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_F\Methods\8270-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135190.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	10	14	22	rVB	33769	47003	1.31%	0.196%
2	5.010	492	497	507	rVB	191828	287245	8.03%	1.195%
3	5.399	558	563	567	rBV	2977241	3224490	90.13%	13.415%
4	6.404	729	734	737	rBV	2823413	3376502	94.38%	14.048%
5	6.763	791	795	799	rBV	768851	624846	17.47%	2.600%
6	7.328	885	891	894	rBV	2142297	2148219	60.05%	8.938%
7	7.763	961	965	975	rBV2	21283	43976	1.23%	0.183%
8	8.040	1007	1012	1015	rBV	991562	825989	23.09%	3.437%
9	9.122	1190	1196	1199	rBV	3799729	3577629	100.00%	14.885%
10	9.239	1211	1216	1220	rVB2	41856	41808	1.17%	0.174%
11	9.798	1305	1311	1314	rBV	1158687	939476	26.26%	3.909%
12	10.592	1441	1446	1449	rBV	2369338	2272920	63.53%	9.456%
13	11.286	1560	1564	1568	rBV	1159293	1029546	28.78%	4.283%
14	11.828	1652	1656	1667	rBV2	155673	191423	5.35%	0.796%
15	12.616	1786	1790	1796	rBV5	29889	42439	1.19%	0.177%
16	12.892	1832	1837	1840	rBV	3481164	3462300	96.78%	14.405%
17	13.827	1988	1996	2008	rBV3	93525	302213	8.45%	1.257%
18	13.939	2011	2015	2019	rBV	762229	765152	21.39%	3.183%
19	14.480	2101	2107	2114	rBV9	26568	75544	2.11%	0.314%
20	15.280	2239	2243	2247	rVB2	45079	53516	1.50%	0.223%
21	15.339	2249	2253	2258	rVV	30978	42098	1.18%	0.175%
22	15.404	2259	2264	2280	rVB	458348	580365	16.22%	2.415%
23	16.868	2509	2513	2523	rVB3	18183	39832	1.11%	0.166%
24	17.315	2585	2589	2597	rVB2	20700	41107	1.15%	0.171%

Sum of corrected areas: 24035638

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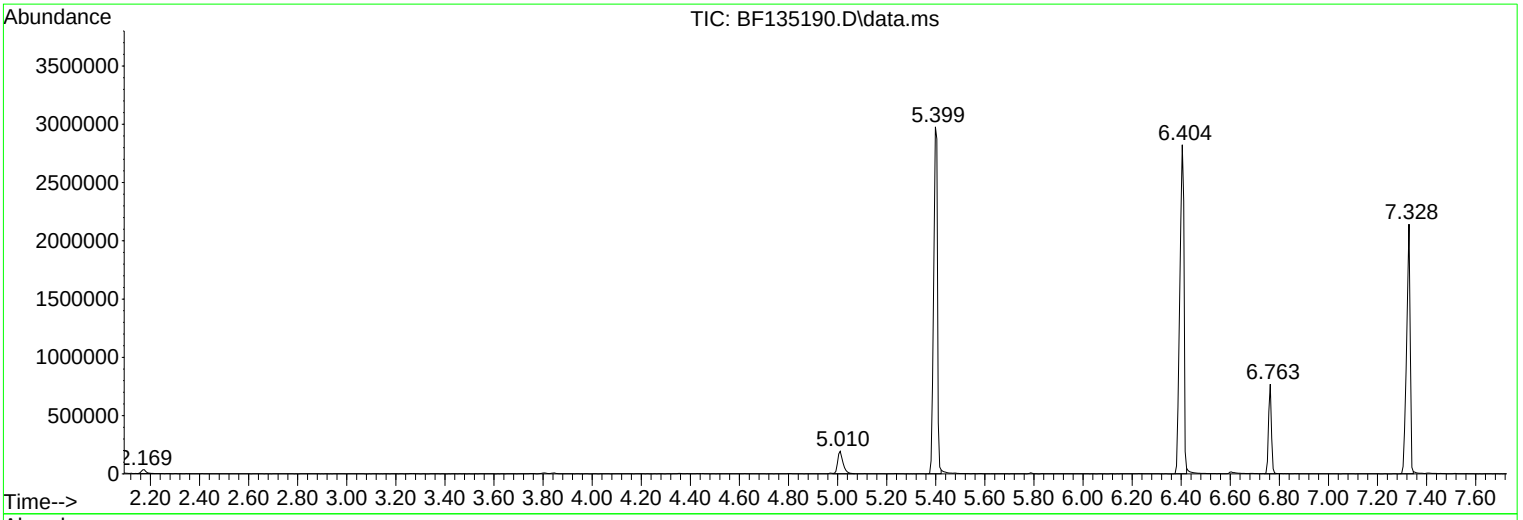
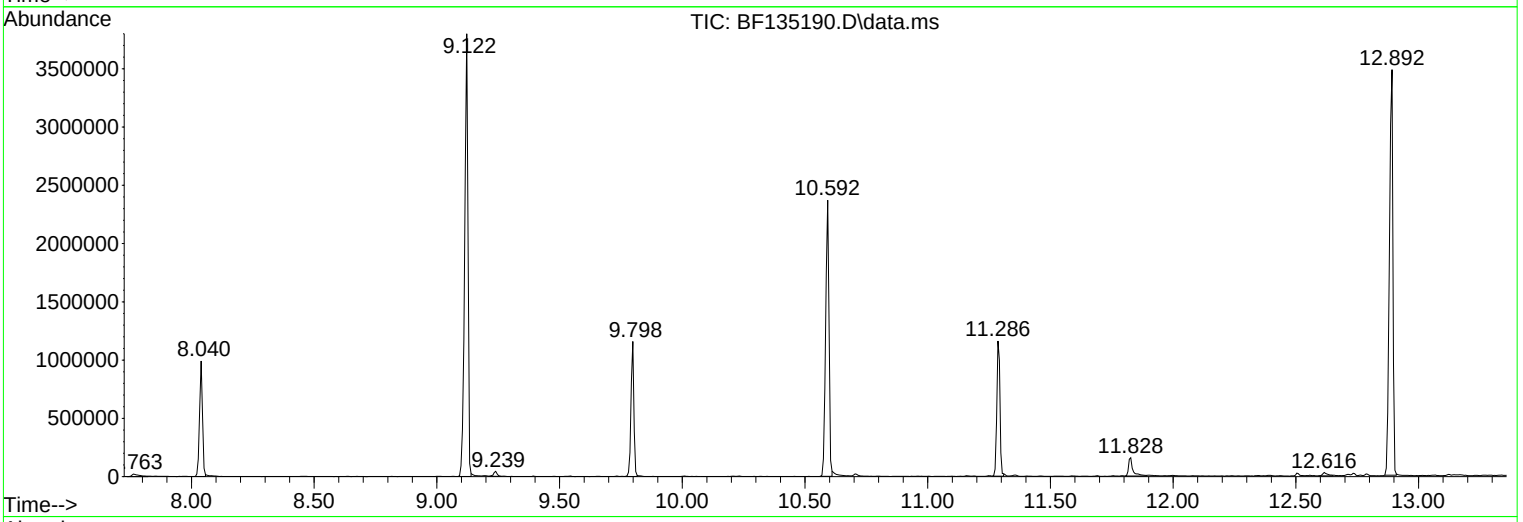
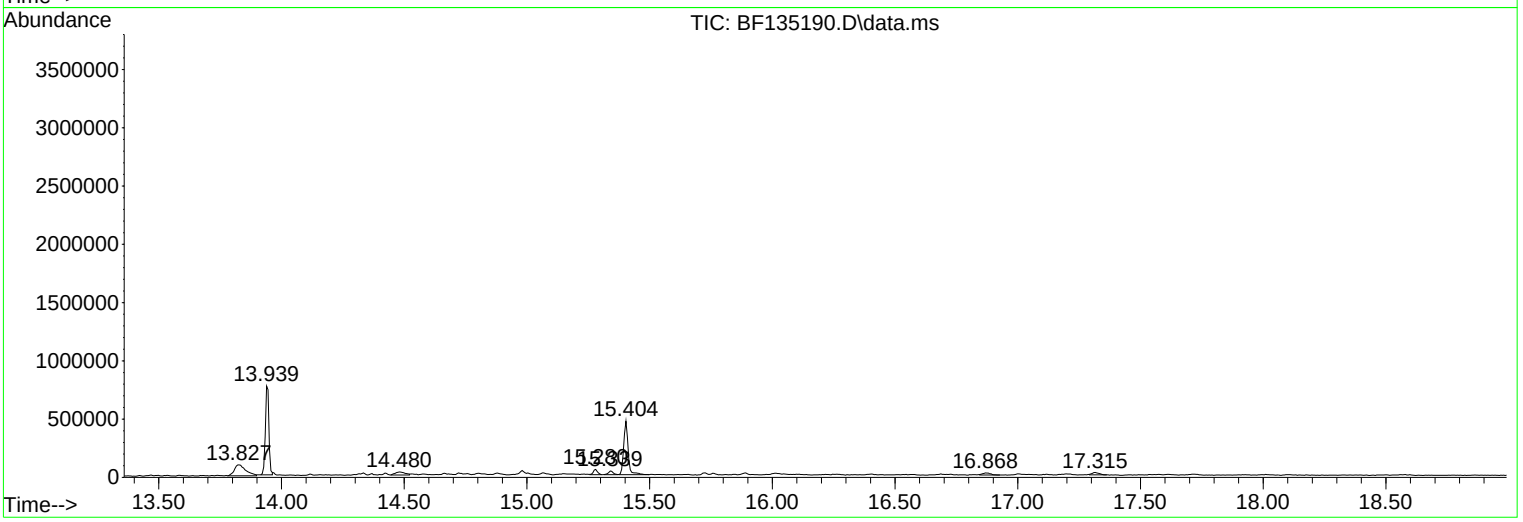
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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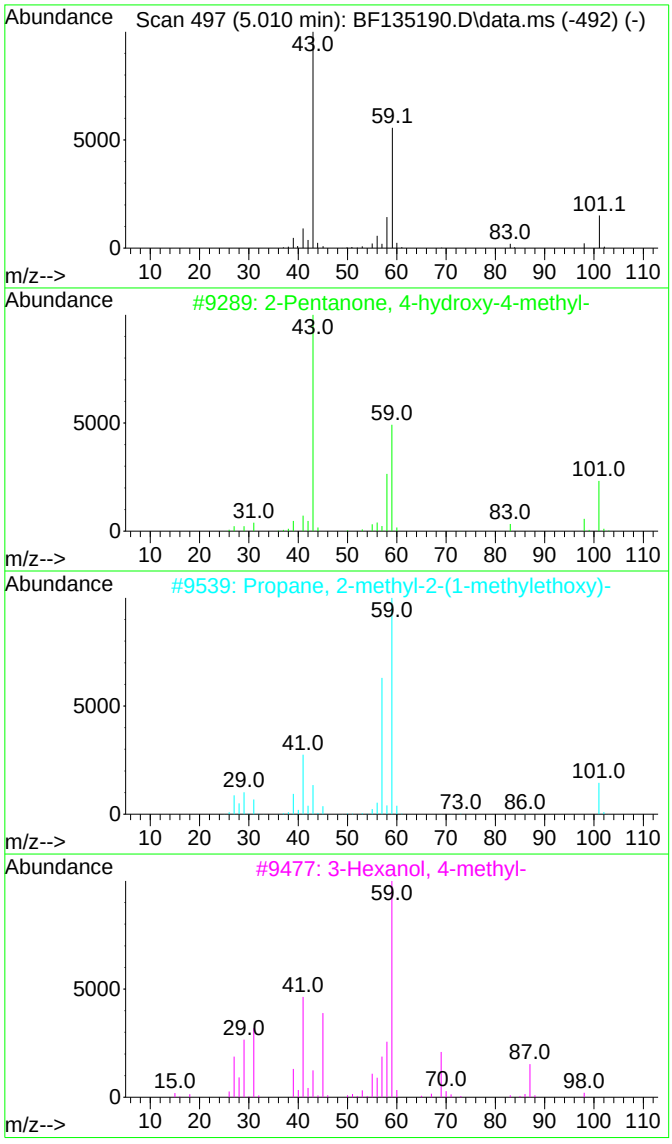
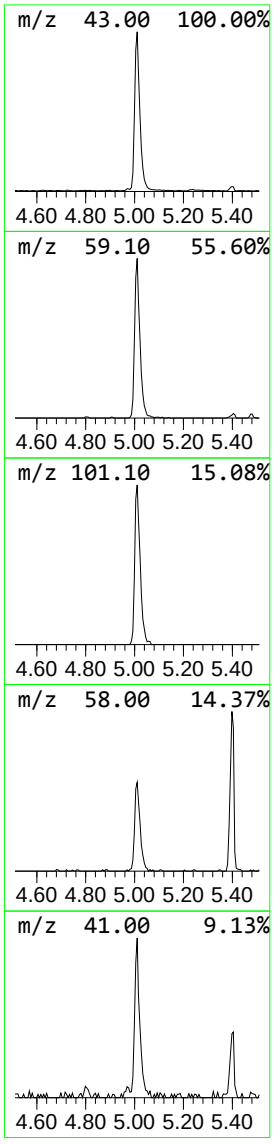
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	9.19 ng	287245	1,4-Dichlorobenzene-d4	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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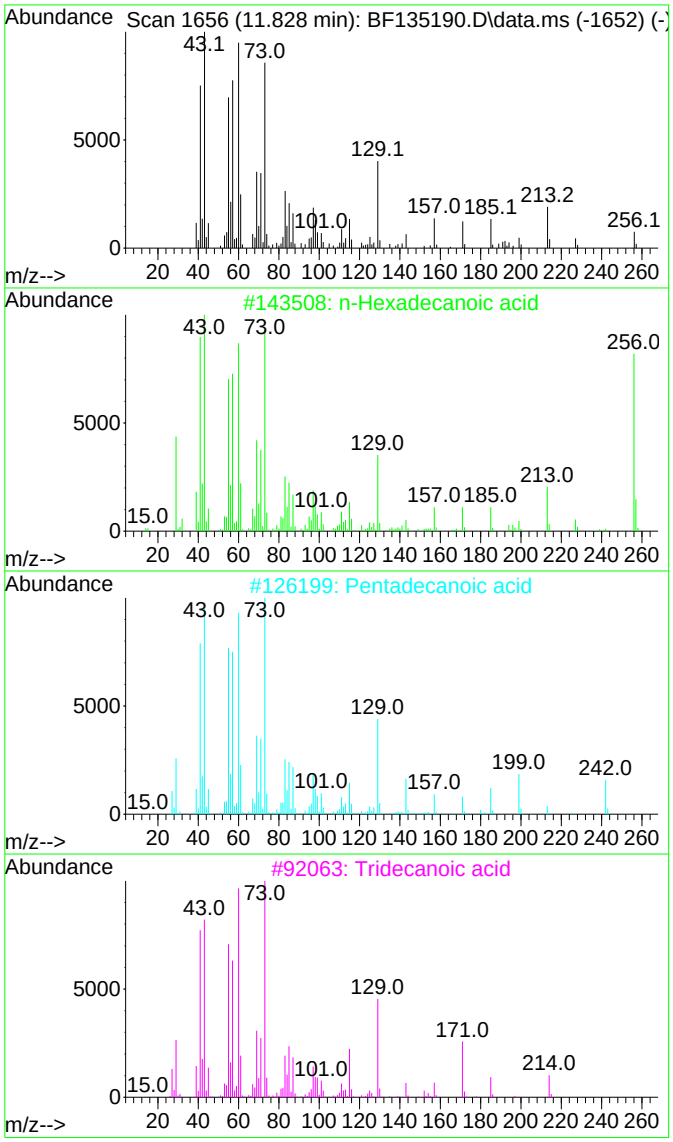
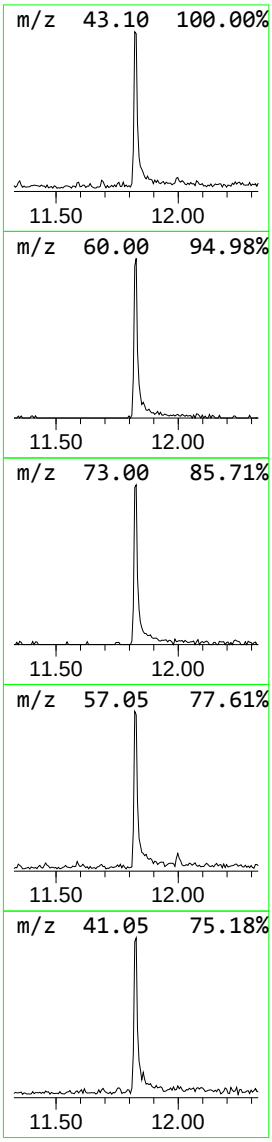
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	3.72 ng	191423	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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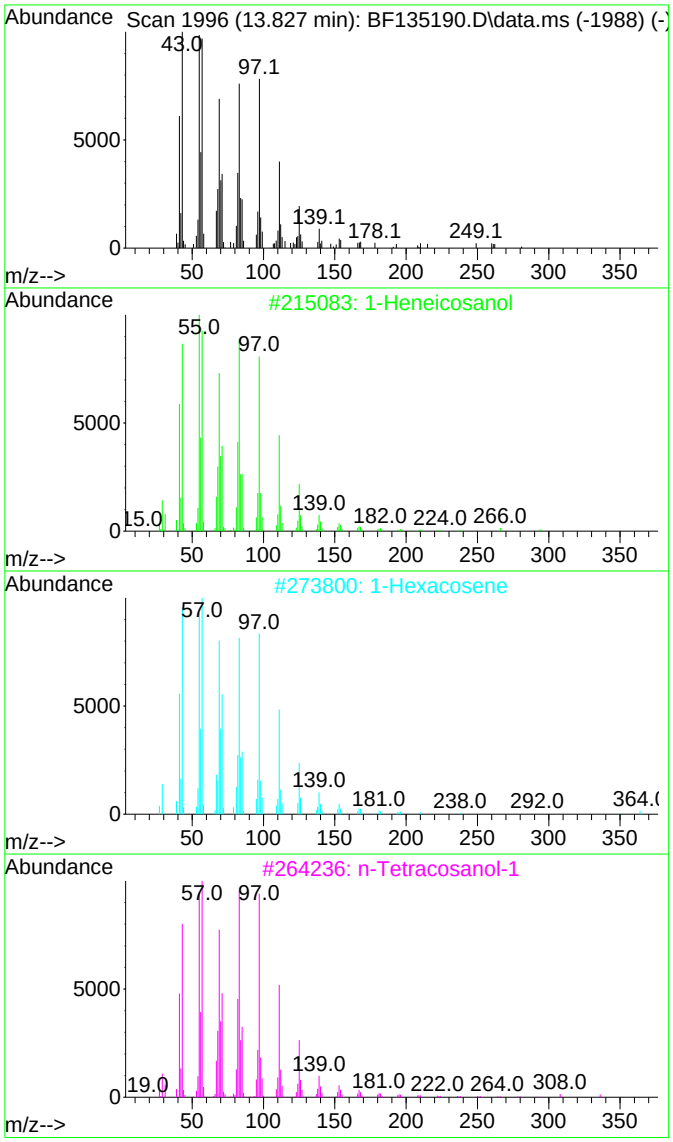
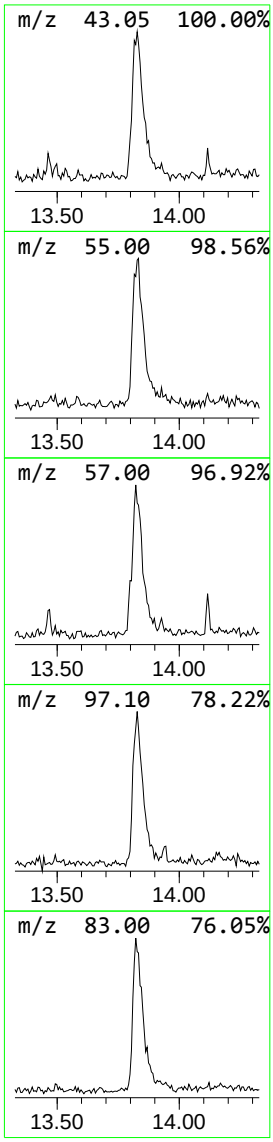
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	7.90 ng	302213	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Octadecanol	270	C18H38O	000112-92-5	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.010	9.2	ng	287245	1	6.763	624846	20.0
n-Hexadecanoic ...	11.828	3.7	ng	191423	4	11.286	1029550	20.0
1-Heneicosanol	13.827	7.9	ng	302213	5	13.939	765152	20.0