LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135782.D
Acq On : 16 Oct 2023 18:14
Operator : CG\JU
Sample : 04656-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-101S

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135782.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.757	279	284	294	rVB	40000	68124	2.15%	0.393%
2	4.963	486	489	498	rBV	21522	36955	1.17%	0.213%
3	5.369	555	558	586	rBV	929159	1309709	41.41%	7.560%
4	6.392	729	732	755	rBV	490965	789225	24.95%	4.555%
5	6.734	787	790	804	rBV	659287	586292	18.54%	3.384%
6	7.304	883	887	900	rBV	2019704	1991992	62.98%	11.498%
7	8.016	1005	1008	1017	rBV	908322	778085	24.60%	4.491%
8	8.439	1077	1080	1093	rBV	75626	103128	3.26%	0.595%
9	9.098	1188	1192	1195	rBV	3667337	3162908	100.00%	18.256%
10	9.774	1303	1307	1317	rBV	1024743	838693	26.52%	4.841%
11	9.992	1340	1344	1351	rBV2	33242	47522	1.50%	0.274%
12	10.574	1439	1443	1459	rBV	1940928	2014356	63.69%	11.627%
13	11.269	1558	1561	1571	rBV	1009234	855542	27.05%	4.938%
14	11.804	1647	1652	1665	rBV	390048	480365	15.19%	2.773%
15	12.516	1767	1773	1782	rBV6	28333	61952	1.96%	0.358%
16	12.592	1783	1786	1799	rVV	89026	141715	4.48%	0.818%
17	12.868	1828	1833	1836	rBV	3090313	2863866	90.55%	16.530%
18	13.862	1993	2002	2007	rBV8	36972	117795	3.72%	0.680%
19	13.939	2011	2015	2025	rVB	486642	511239	16.16%	2.951%
20	14.774	2153	2157	2160	rVB	32948	37425	1.18%	0.216%
21	15.415	2261	2266	2275	rBV	370375	527949	16.69%	3.047%

Sum of corrected areas: 17324837

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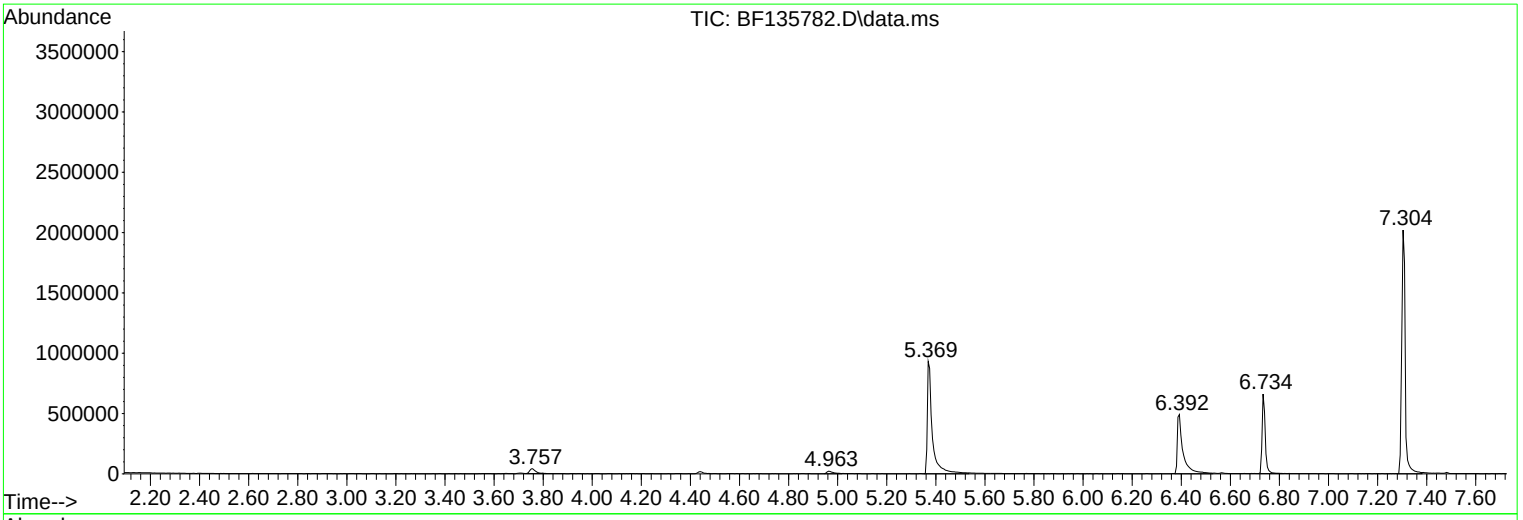
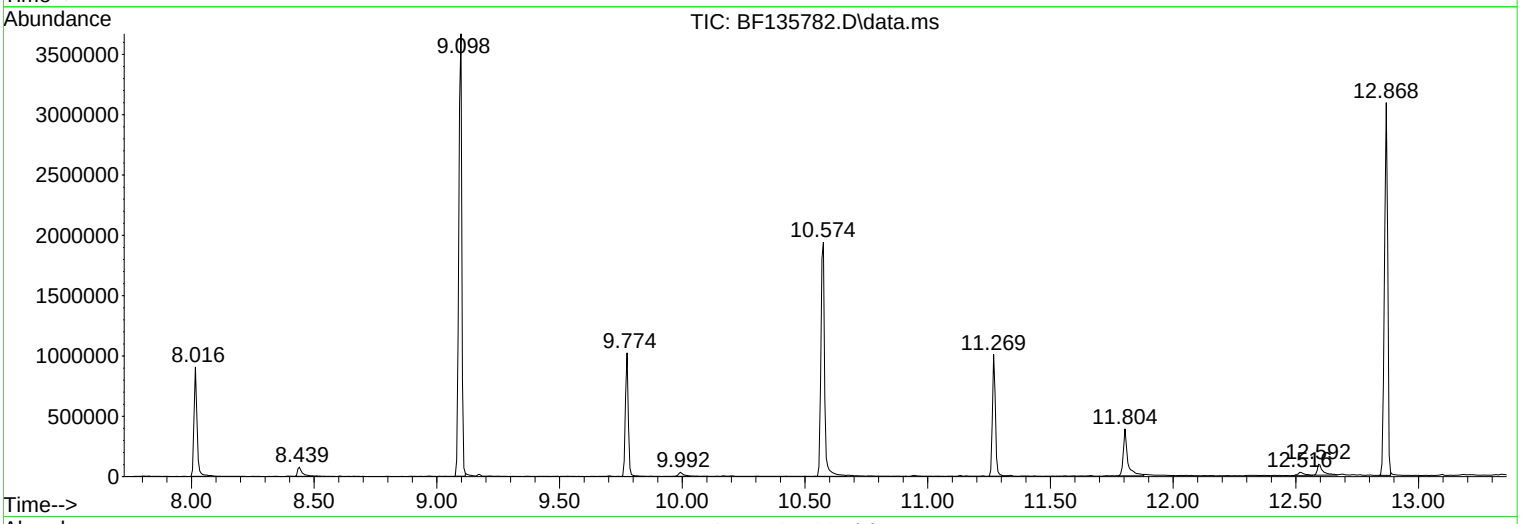
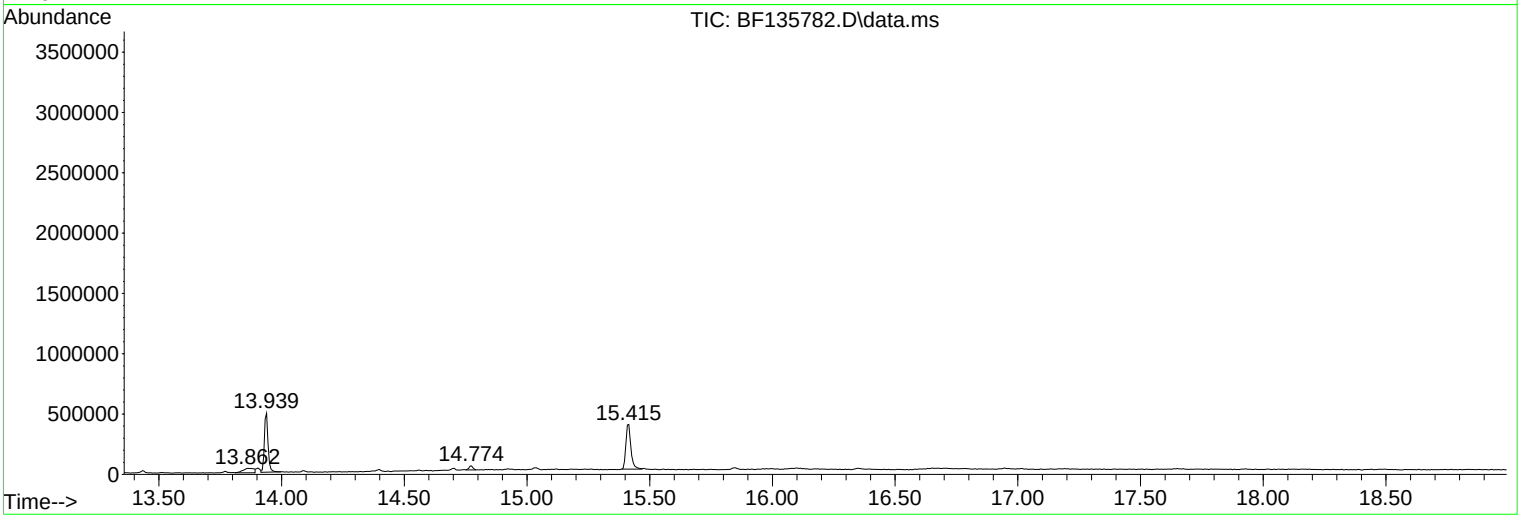
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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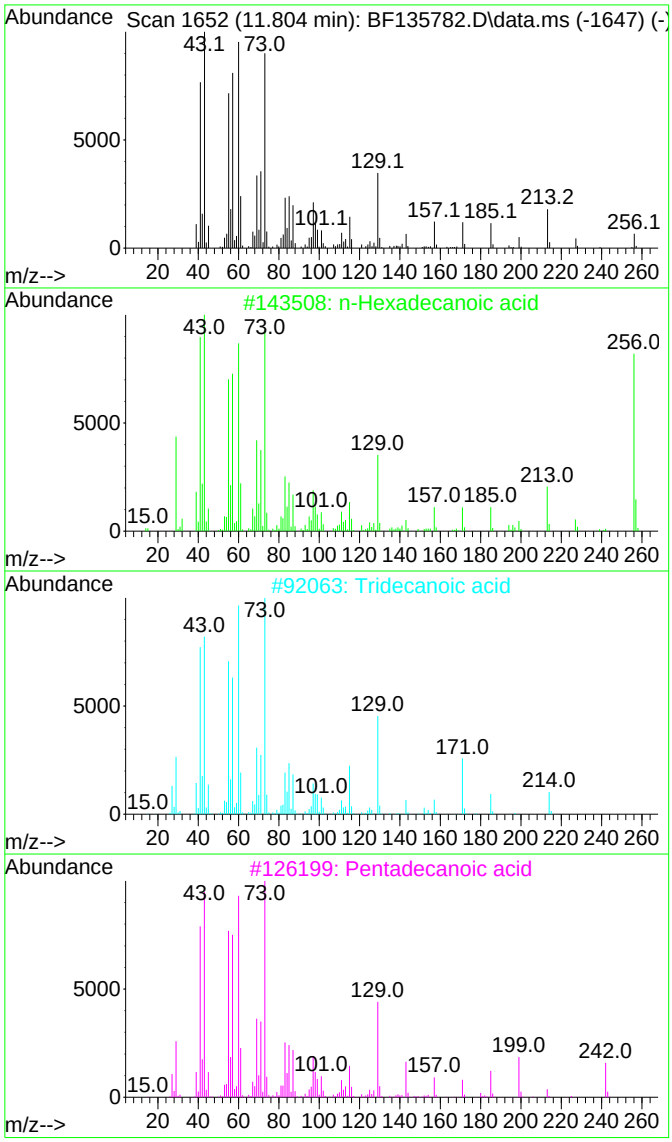
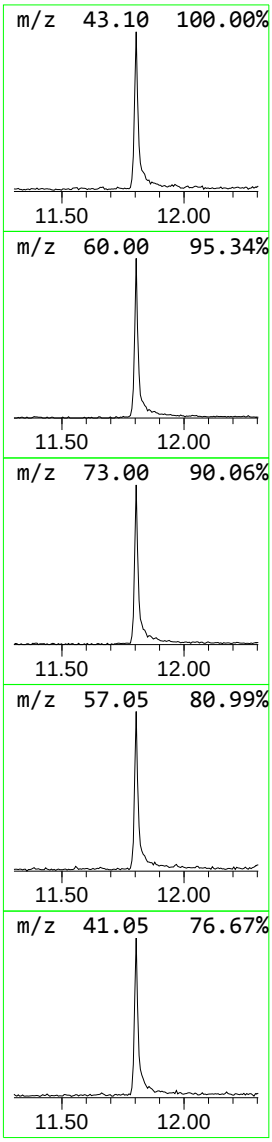
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	11.23 ng	480365	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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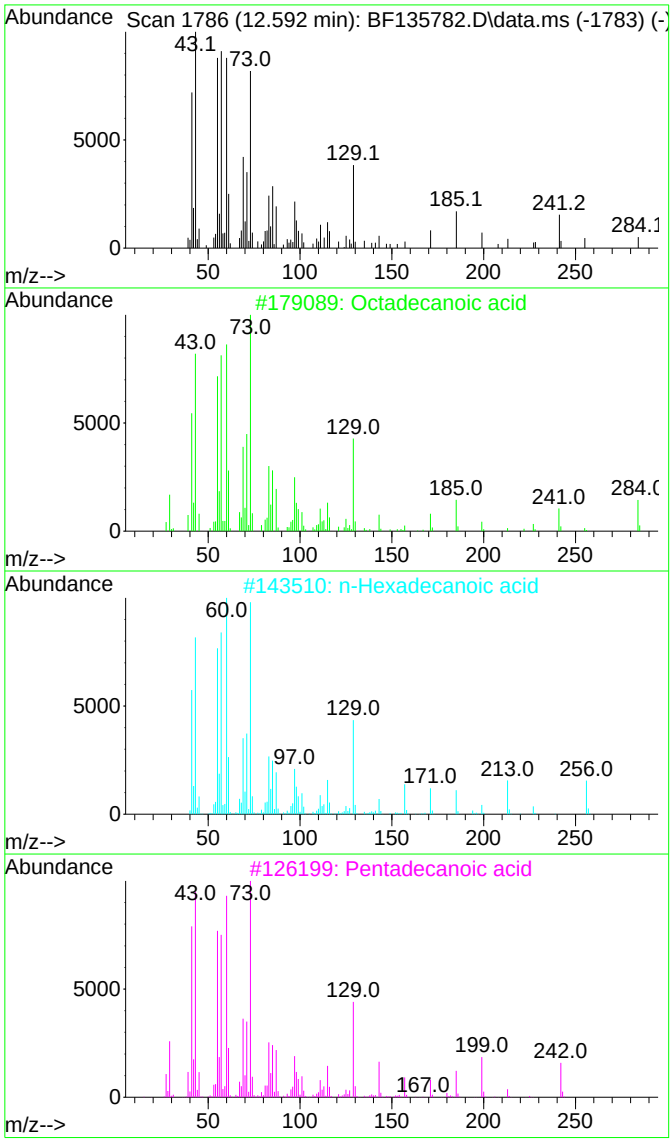
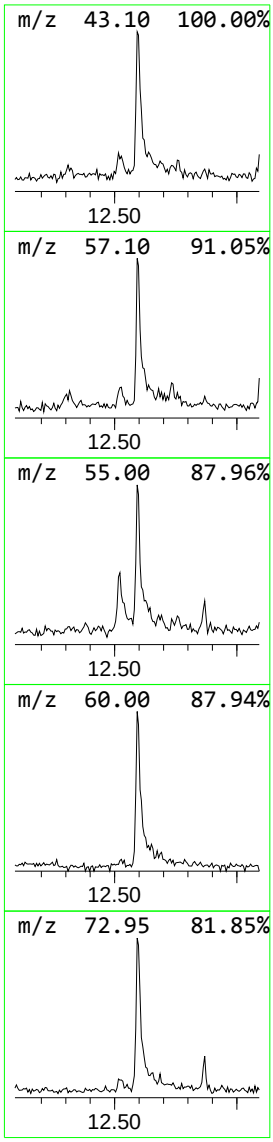
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	3.31 ng	141715	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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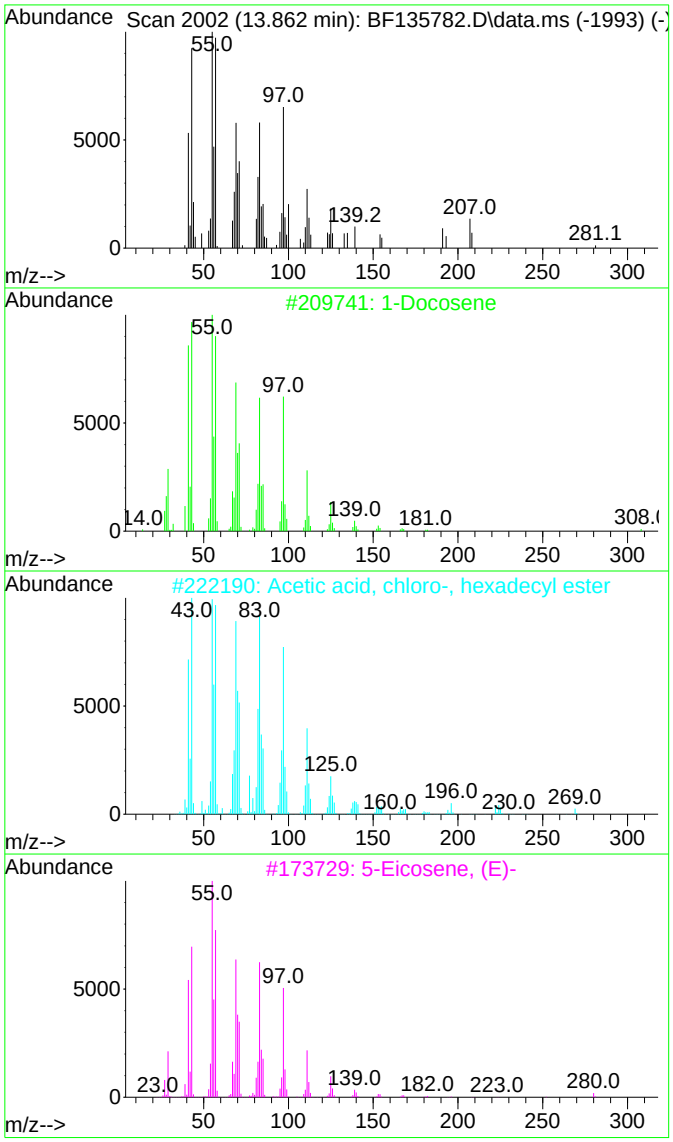
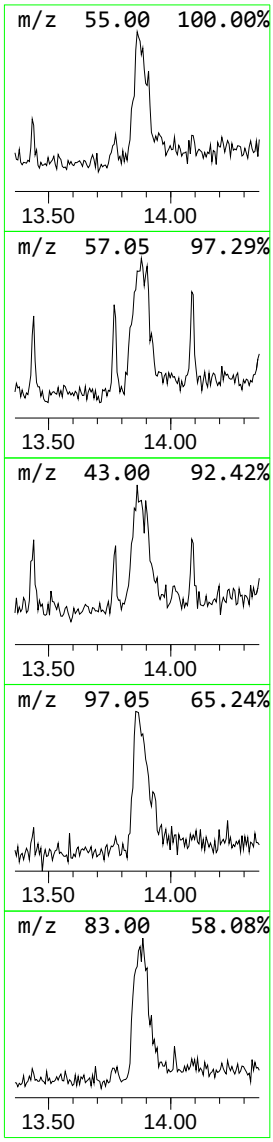
Peak Number 4 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	4.61 ng	117795	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	87
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
4	1-Heneicosanol	312	C21H44O	015594-90-8	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.804	11.2	ng	480365	4	11.269	855542	20.0
Octadecanoic acid	12.592	3.3	ng	141715	4	11.269	855542	20.0
1-Docosene	13.863	4.6	ng	117795	5	13.939	511239	20.0