

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135438.D
 Acq On : 25 Sep 2023 20:55
 Operator : CG\JU
 Sample : 04567-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-3

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: BF135438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	489	492	502	rBV	51361	72200	2.40%	0.357%
2	5.363	550	557	558	rBV	30715	34772	1.15%	0.172%
3	5.387	558	561	573	rVV	3017996	2929649	97.27%	14.503%
4	5.475	573	576	586	rVB	42827	63020	2.09%	0.312%
5	6.398	729	733	751	rBV	3057047	3011789	100.00%	14.910%
6	6.751	790	793	807	rVB	1112355	929982	30.88%	4.604%
7	7.316	885	889	892	rBV	2116389	1850420	61.44%	9.161%
8	8.034	1007	1011	1029	rVB	1313772	1202724	39.93%	5.954%
9	9.110	1189	1194	1197	rBV	3437407	2817390	93.55%	13.947%
10	9.228	1210	1214	1218	rVB	40037	38695	1.28%	0.192%
11	9.786	1305	1309	1313	rBV	1400971	1156944	38.41%	5.727%
12	10.580	1440	1444	1459	rBV	1509726	1394316	46.30%	6.903%
13	11.280	1559	1563	1572	rBV	1104537	928650	30.83%	4.597%
14	11.816	1651	1654	1669	rBV2	115745	164781	5.47%	0.816%
15	12.610	1786	1789	1796	rBV3	20248	33307	1.11%	0.165%
16	12.874	1830	1834	1838	rBV	2182354	1814401	60.24%	8.982%
17	13.874	1996	2004	2011	rBV7	35253	122100	4.05%	0.604%
18	13.939	2011	2015	2025	rVB	795309	806372	26.77%	3.992%
19	15.051	2201	2204	2209	rVB2	35021	38008	1.26%	0.188%
20	15.404	2259	2264	2274	rBV	558398	750342	24.91%	3.715%
21	15.863	2340	2342	2348	rVB3	29689	40119	1.33%	0.199%

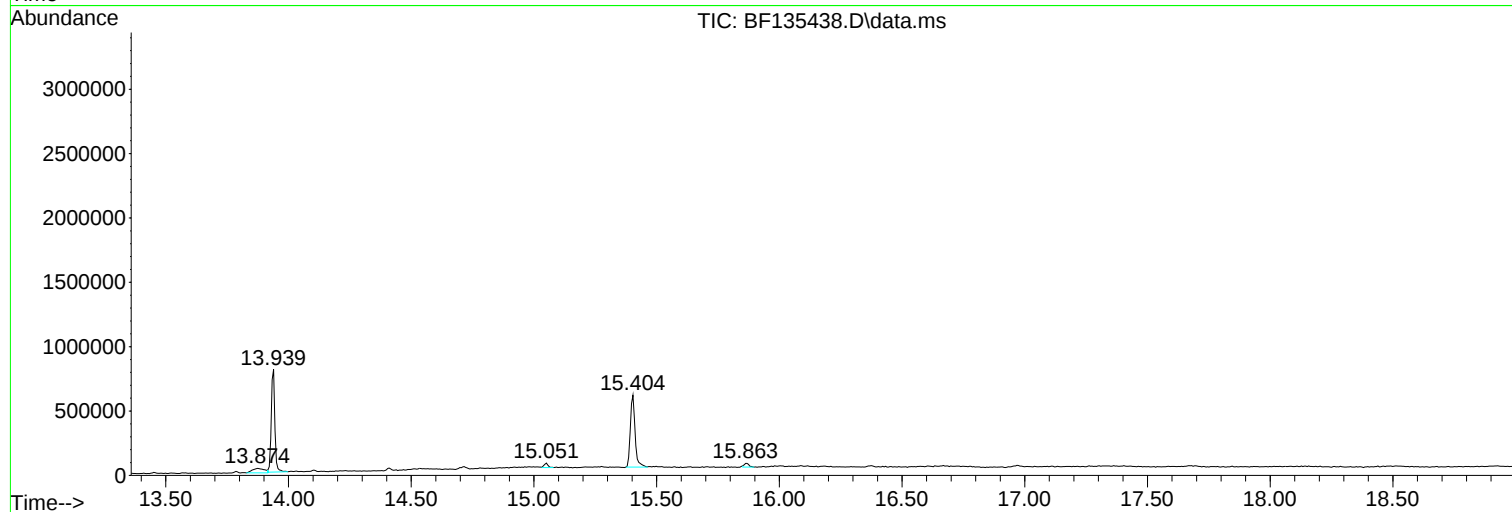
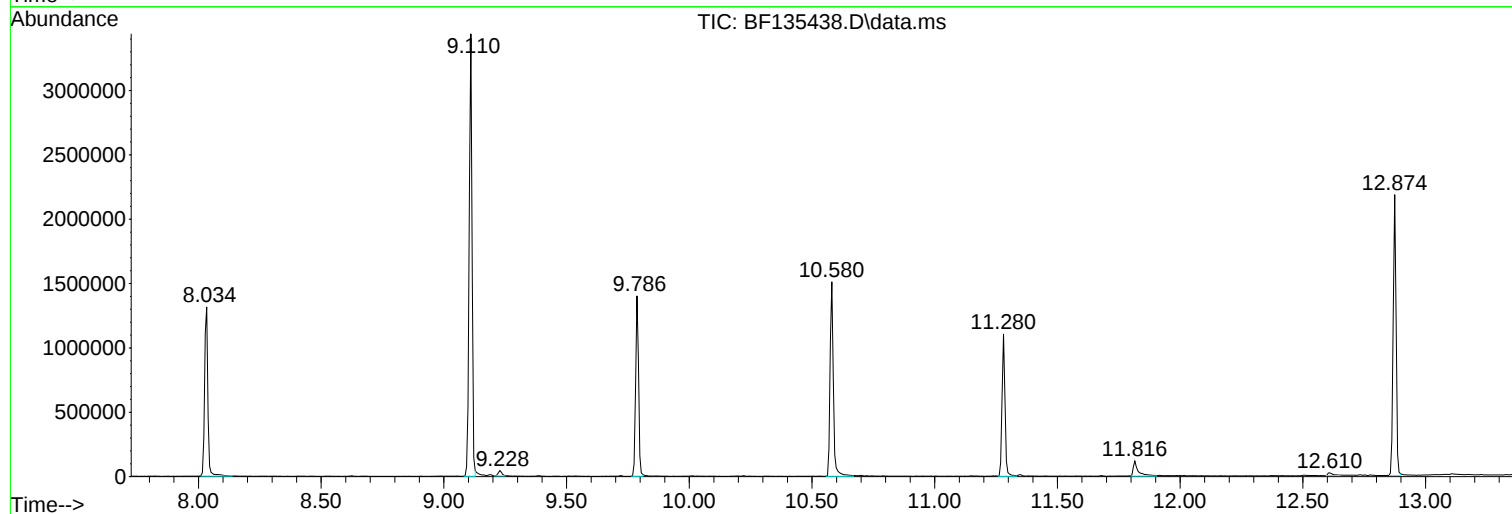
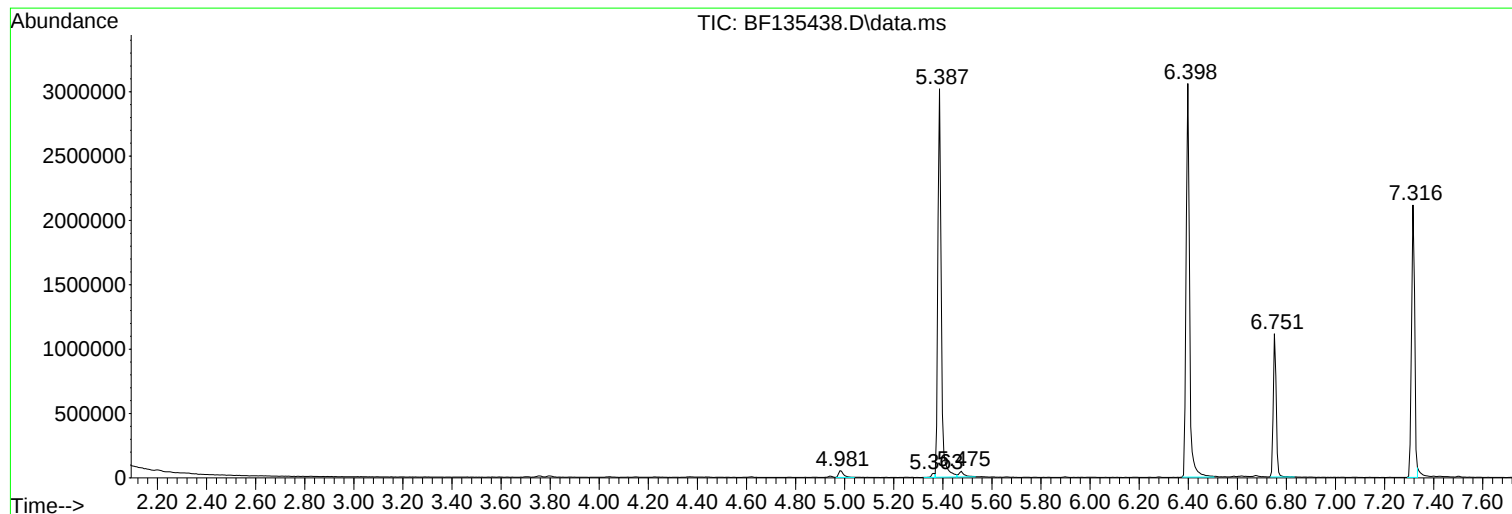
Sum of corrected areas: 20199981

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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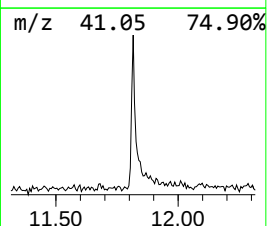
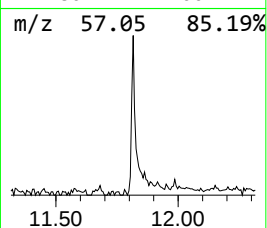
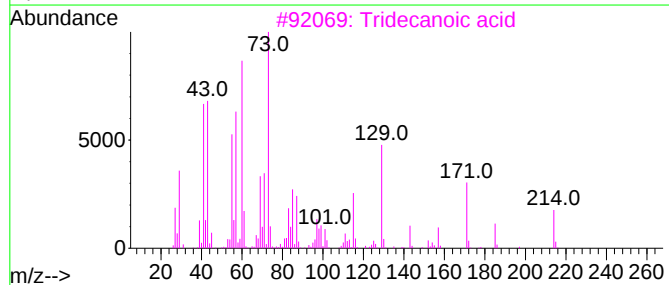
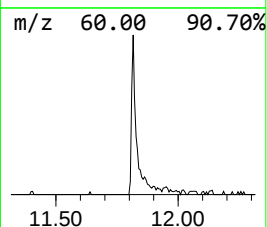
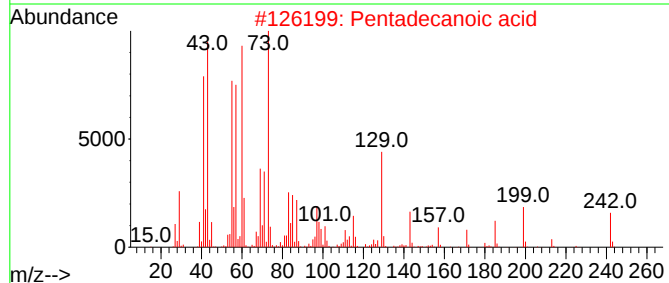
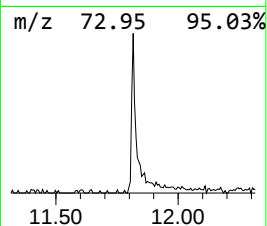
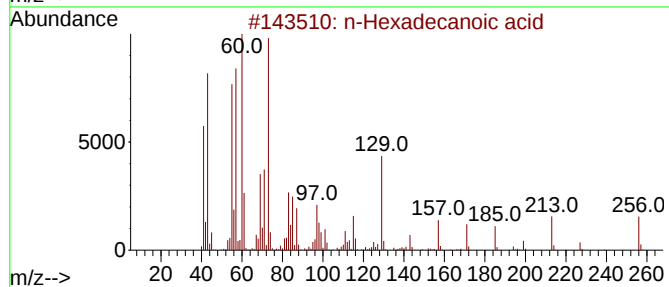
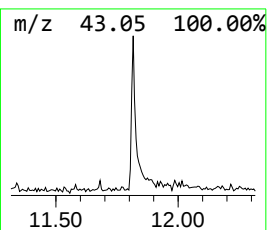
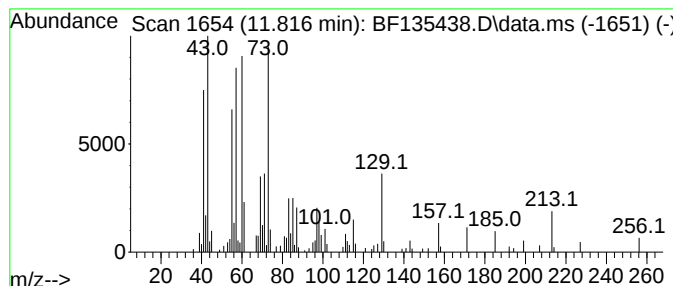
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	3.55 ng	164781	Phenanthrene-d10	11.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



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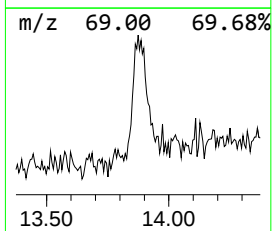
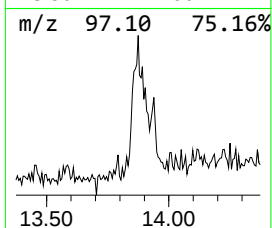
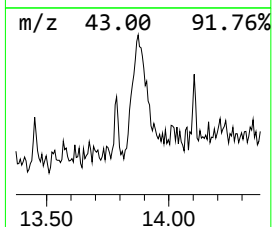
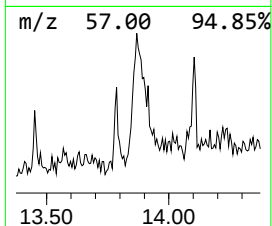
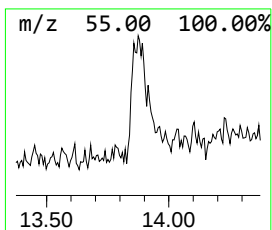
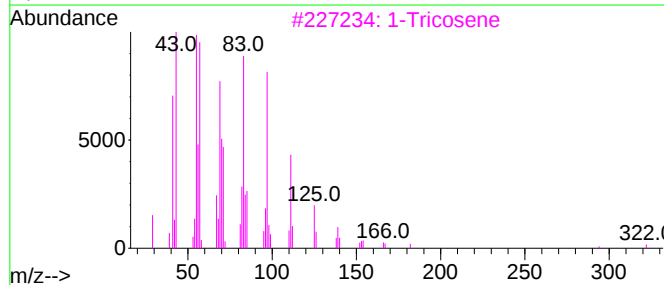
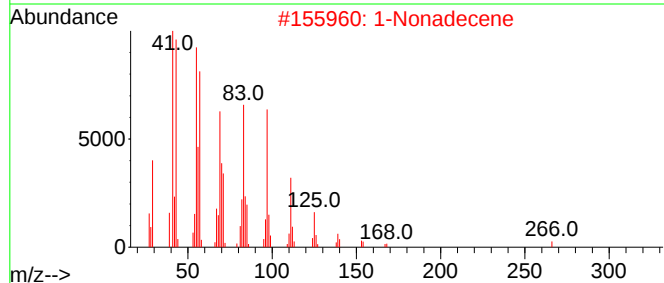
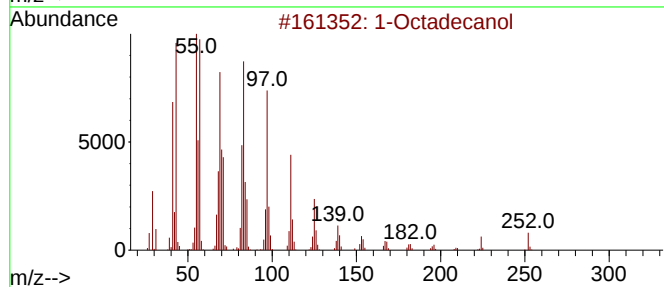
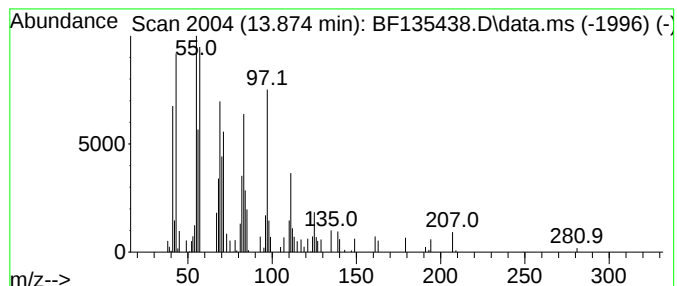
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Peak Number 2 1-Octadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.03 ng	122100	Chrysene-d12	13.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanol	270	C18H38O	000112-92-5	93
2		1-Nonadecene	266	C19H38	018435-45-5	87
3		1-Tricosene	322	C23H46	018835-32-0	81
4		1-Hexacosene	364	C26H52	018835-33-1	81
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.816	3.5	ng	164781	4	11.280	928650	20.0
1-Octadecanol	13.874	3.0	ng	122100	5	13.939	806372	20.0