LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
Data File : BF135411.D
Acq On : 22 Sep 2023 21:15
Operator : CG\JU
Sample : 04436-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPT102-16

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: BF135411.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	11	rBV	45721	61593	1.99%	0.283%
2	4.992	490	494	505	rVB	113515	151953	4.90%	0.697%
3	5.392	558	562	587	rBV	3153092	3099583	100.00%	14.225%
4	6.404	729	734	758	rBV	3049900	3085460	99.54%	14.160%
5	6.757	790	794	804	rBV	1204755	986611	31.83%	4.528%
6	7.322	885	890	893	rBV	2172606	1922629	62.03%	8.824%
7	8.033	1007	1011	1017	rBV	1405793	1266189	40.85%	5.811%
8	9.116	1190	1195	1198	rBV	3058328	2881898	92.98%	13.226%
9	9.233	1211	1215	1220	rVB	38862	40242	1.30%	0.185%
10	9.792	1306	1310	1314	rBV	1475072	1263283	40.76%	5.798%
11	10.586	1441	1445	1461	rBV	1712736	1630290	52.60%	7.482%
12	11.286	1560	1564	1567	rBV	1307195	1123587	36.25%	5.156%
13	11.821	1651	1655	1663	rBV2	195633	252502	8.15%	1.159%
14	12.504	1768	1771	1775	rBV	38684	42429	1.37%	0.195%
15	12.610	1786	1789	1794	rBV5	39828	50616	1.63%	0.232%
16	12.880	1831	1835	1838	rBV	1924934	1685651	54.38%	7.736%
17	13.368	1914	1918	1925	rVB	418556	433680	13.99%	1.990%
18	13.939	2012	2015	2019	rVB	774006	740721	23.90%	3.399%
19	15.409	2261	2265	2276	rVB	724860	1070868	34.55%	4.915%

Sum of corrected areas: 21789785

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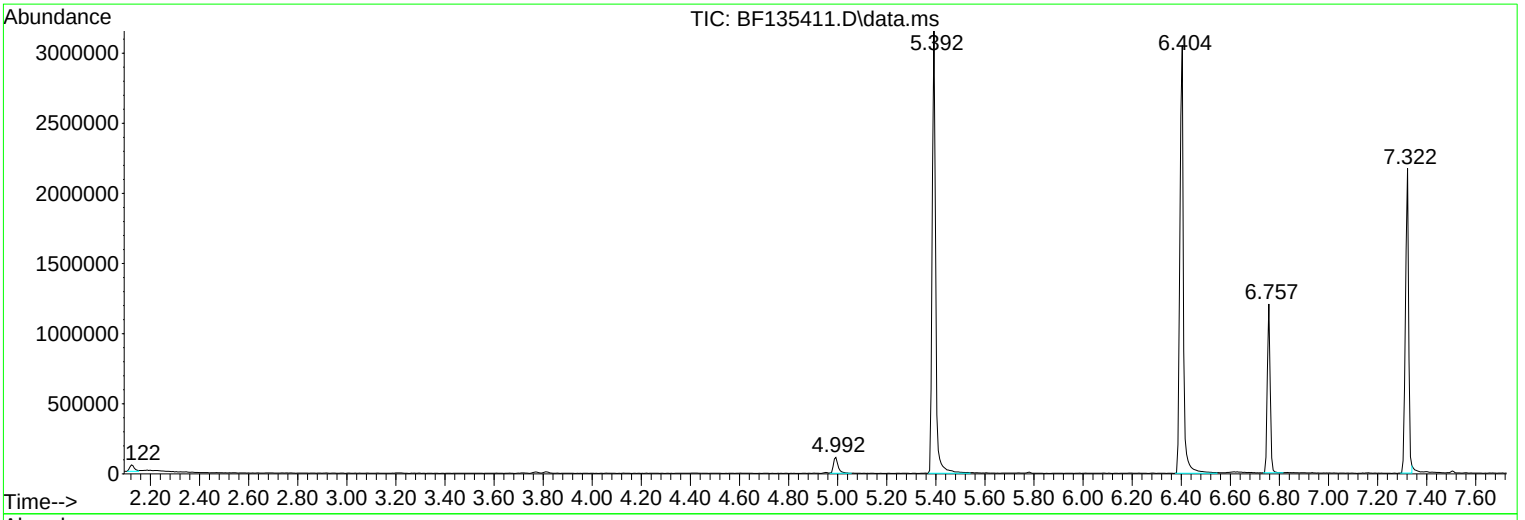
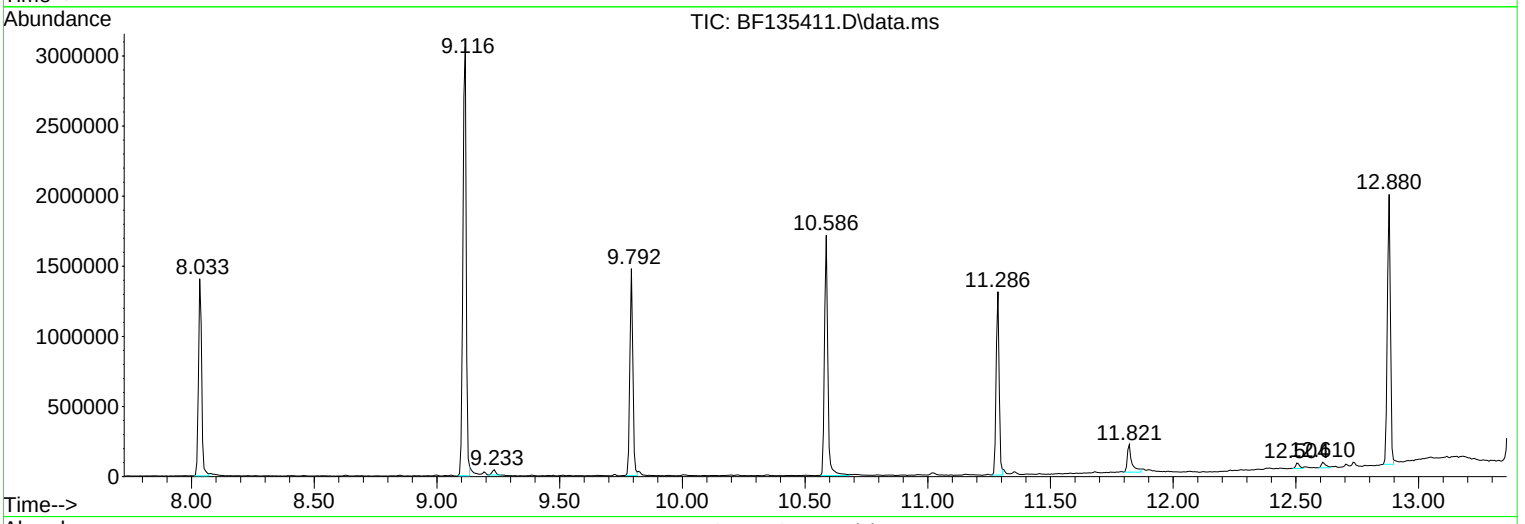
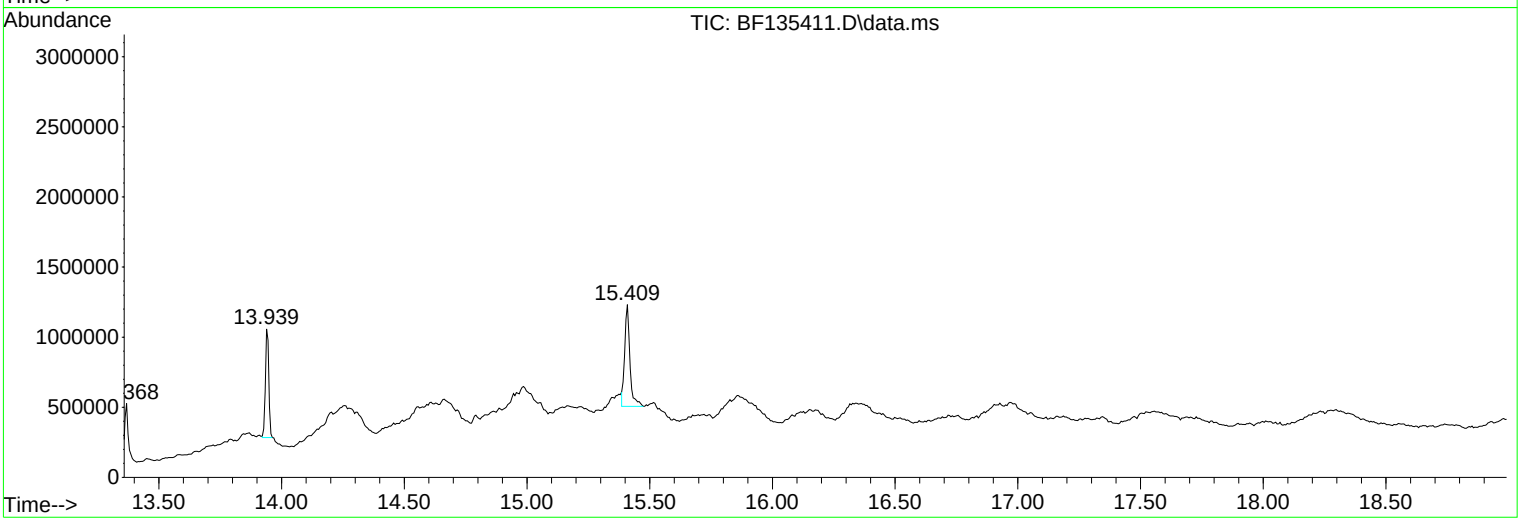
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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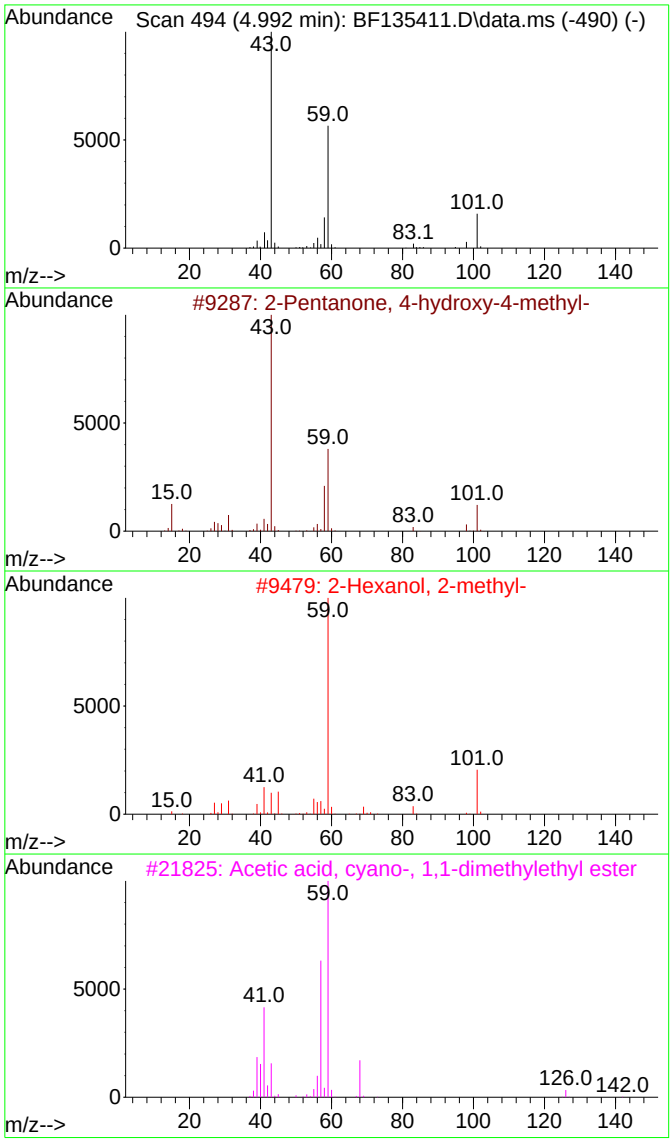
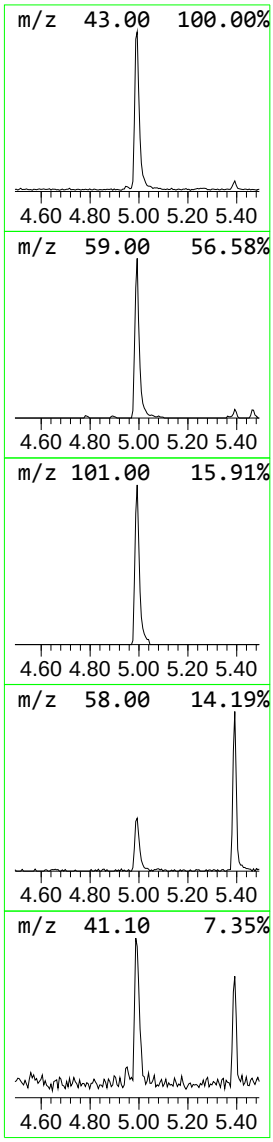
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.992	3.08 ng	151953	1,4-Dichlorobenzene-d4	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Guanidine	59	CH5N3	000113-00-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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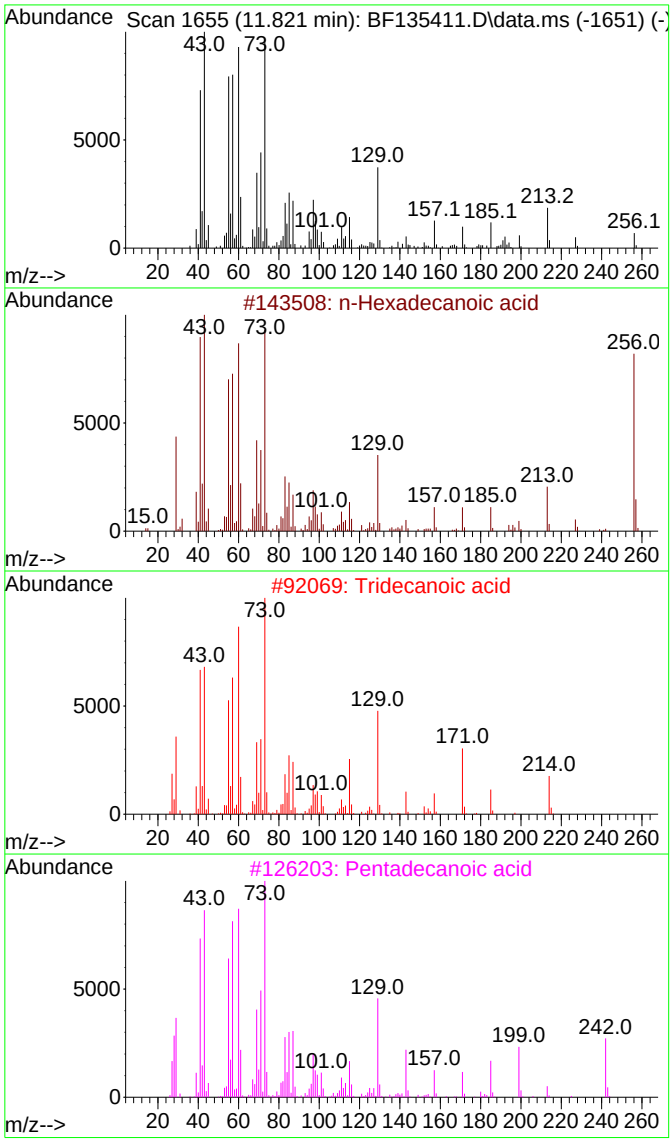
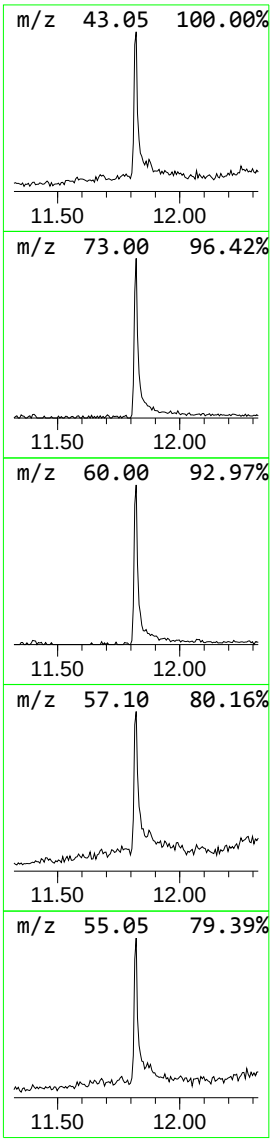
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.821	4.49 ng	252502	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78





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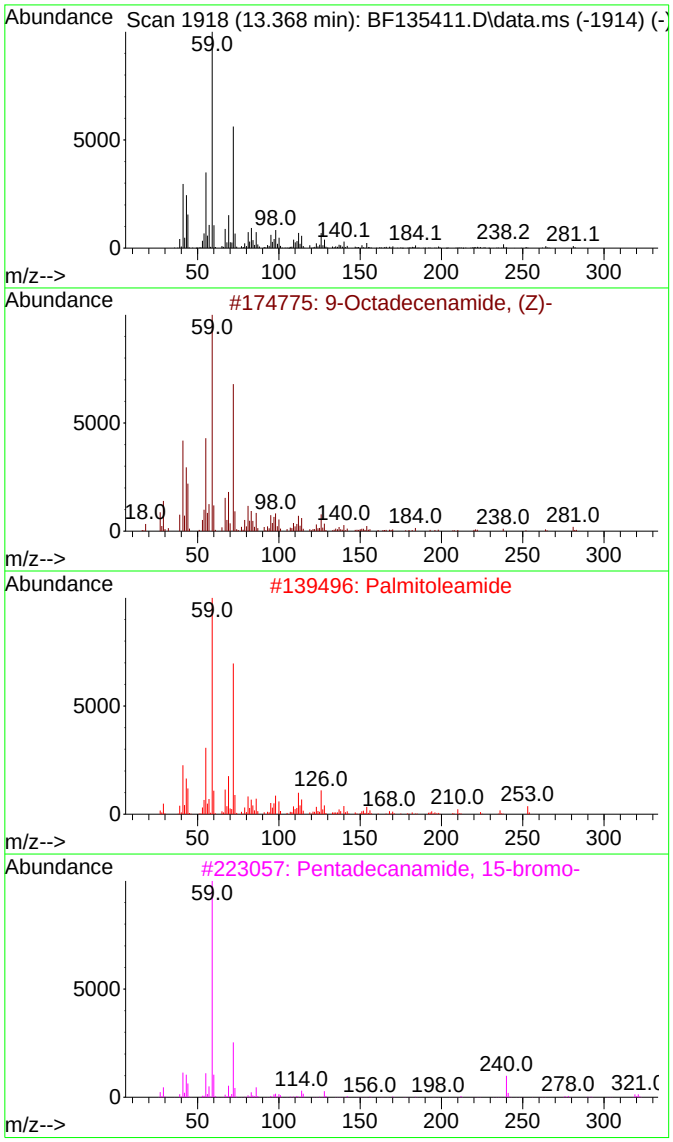
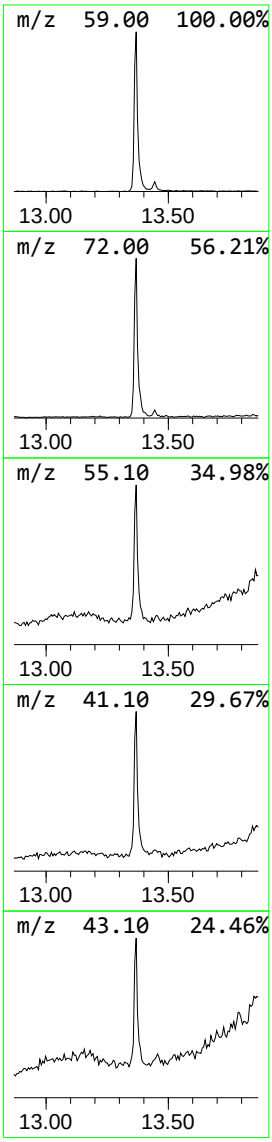
Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	11.71 ng	433680	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Palmitoleamide	253	C16H31NO	106010-22-4	83
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
4	Nonanamide	157	C9H19NO	001120-07-6	59
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50





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-...	4.992	3.1	ng	151953	1	6.757	986611	20.0
n-Hexadecanoic ...	11.821	4.5	ng	252502	4	11.286	1123590	20.0
9-Octadecenamid...	13.368	11.7	ng	433680	5	13.939	740721	20.0