LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
Data File : BF136109.D
Acq On : 02 Nov 2023 22:07
Operator : CG\JU
Sample : 05050-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136109.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	493	504	510	rBV	67837	85714	3.29%	0.533%
2	5.445	566	571	574	rBV	2168627	2163497	83.13%	13.460%
3	6.451	736	742	745	rBV	2151674	2153474	82.74%	13.397%
4	6.645	772	775	781	rBV	41032	39484	1.52%	0.246%
5	6.816	801	804	808	rVB	747683	587433	22.57%	3.655%
6	7.381	895	900	903	rBV	1681983	1419385	54.54%	8.830%
7	8.098	1018	1022	1025	rBV	1073138	785872	30.20%	4.889%
8	9.180	1202	1206	1209	rBV	3285760	2602638	100.00%	16.192%
9	9.857	1317	1321	1324	rBV	1096202	850041	32.66%	5.288%
10	10.645	1451	1455	1459	rBV	1630969	1445409	55.54%	8.992%
11	11.351	1571	1575	1578	rBV	834529	743580	28.57%	4.626%
12	11.886	1662	1666	1671	rBV	185782	175320	6.74%	1.091%
13	12.680	1797	1801	1814	rBV	60687	78186	3.00%	0.486%
14	12.951	1842	1847	1850	rBV	2166751	1933887	74.30%	12.031%
15	13.904	2005	2009	2020	rVB7	17319	42801	1.64%	0.266%
16	14.004	2022	2026	2034	rVB	614602	532460	20.46%	3.313%
17	15.492	2274	2279	2286	rVB	381309	434584	16.70%	2.704%

Sum of corrected areas: 16073765

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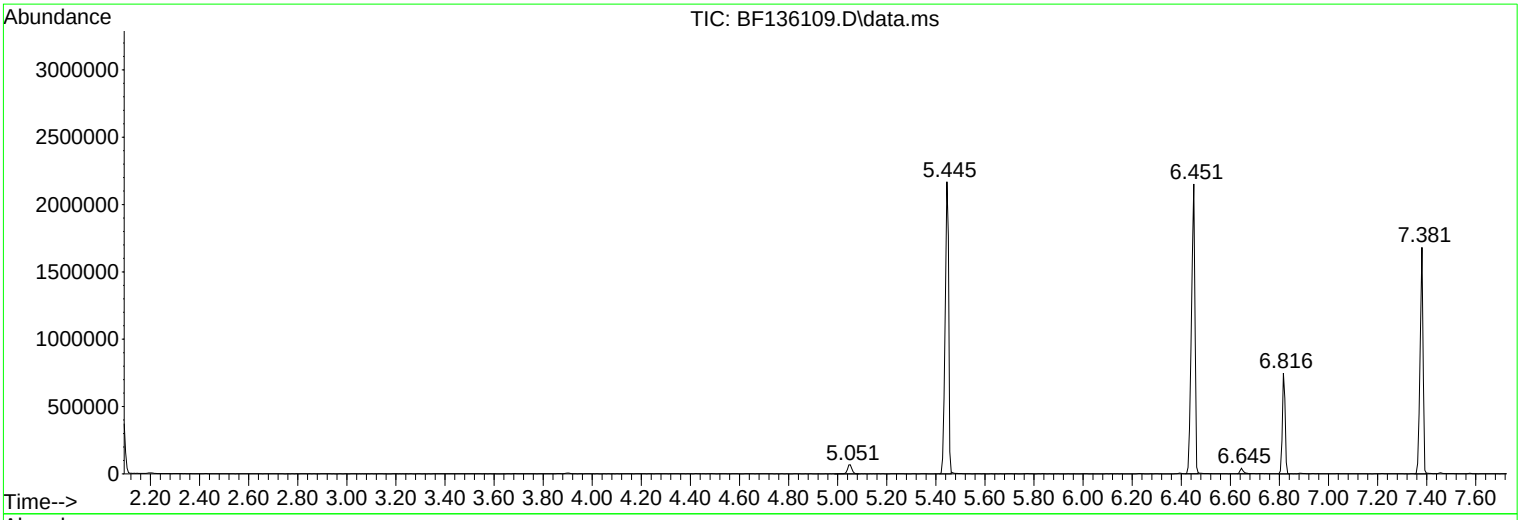
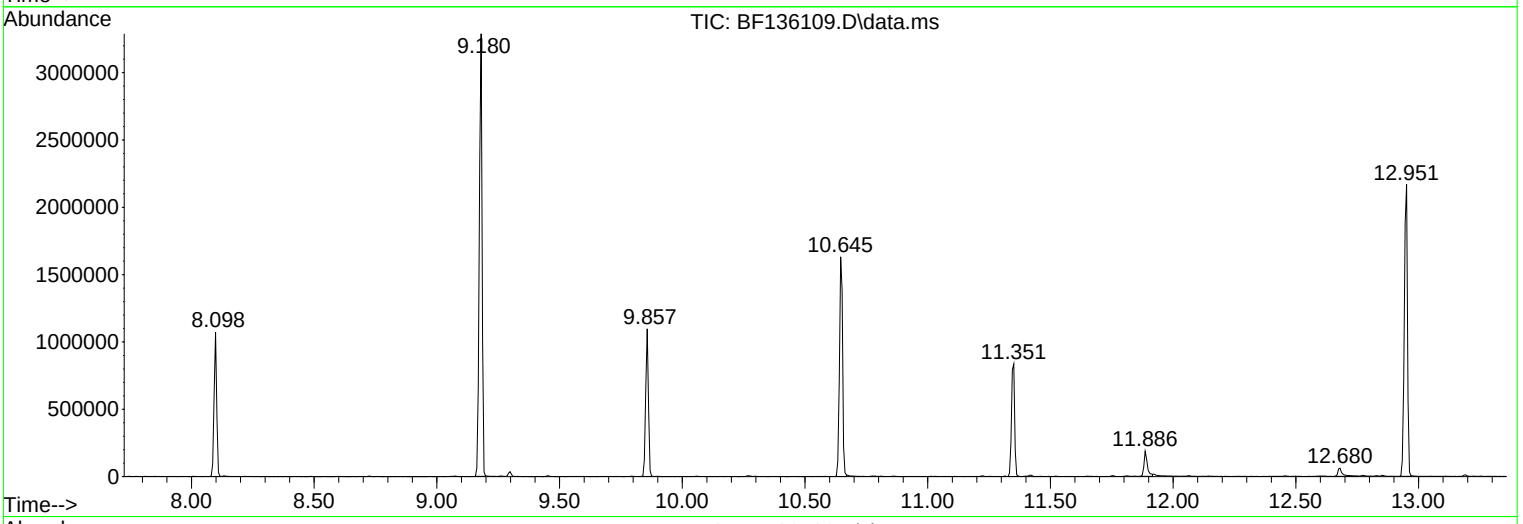
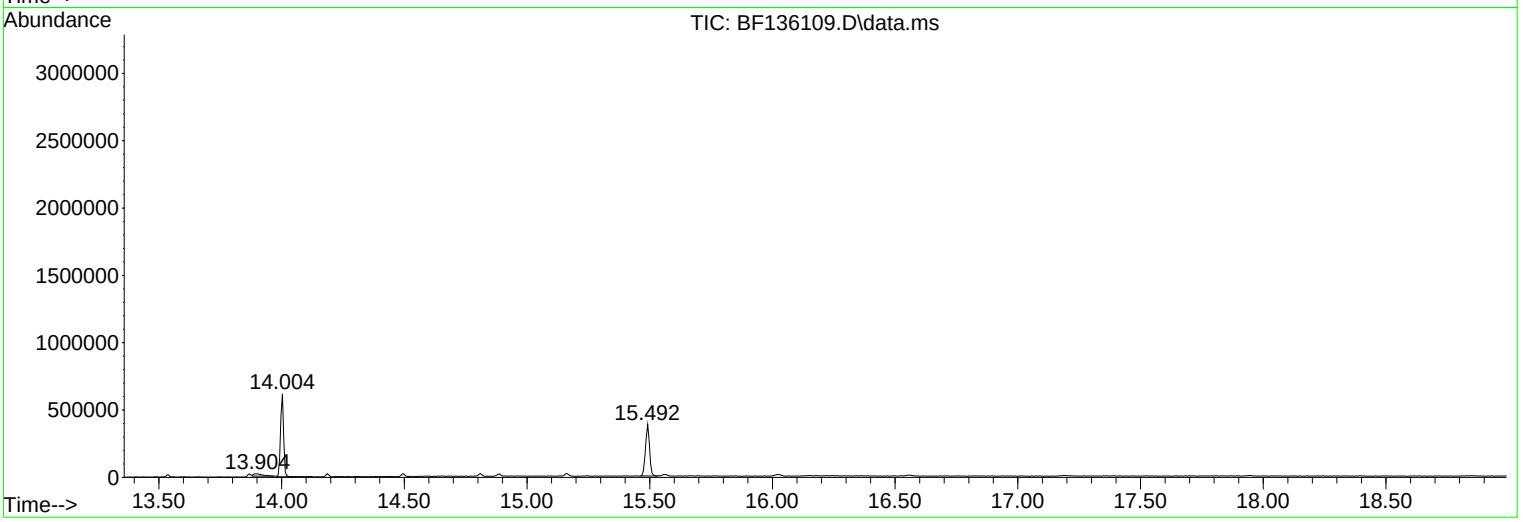
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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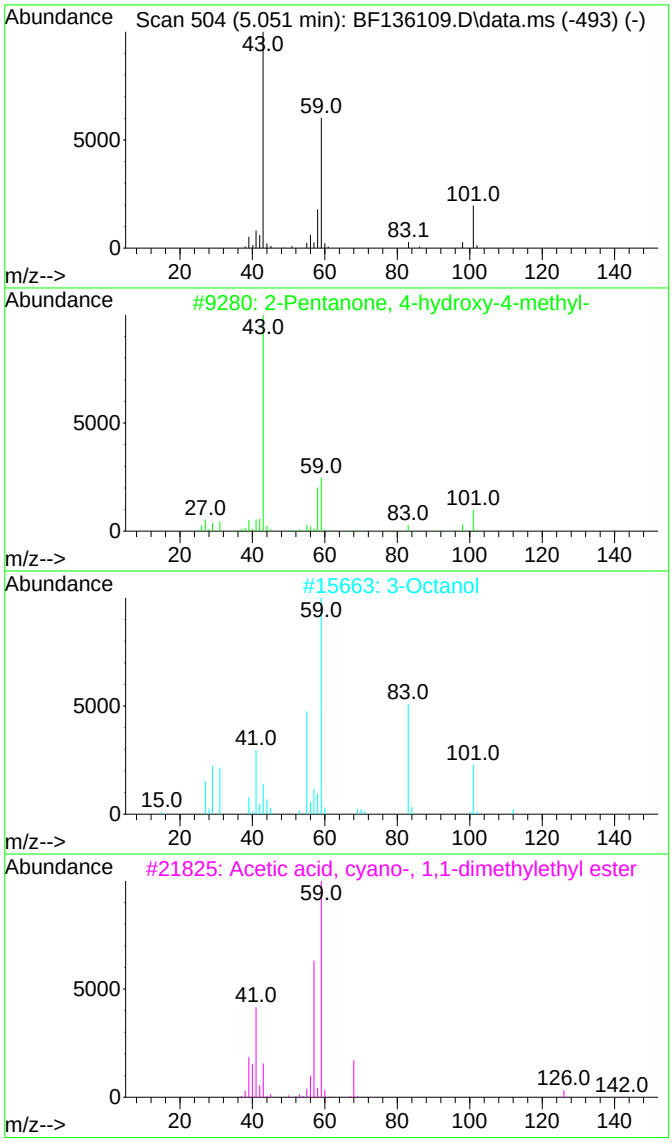
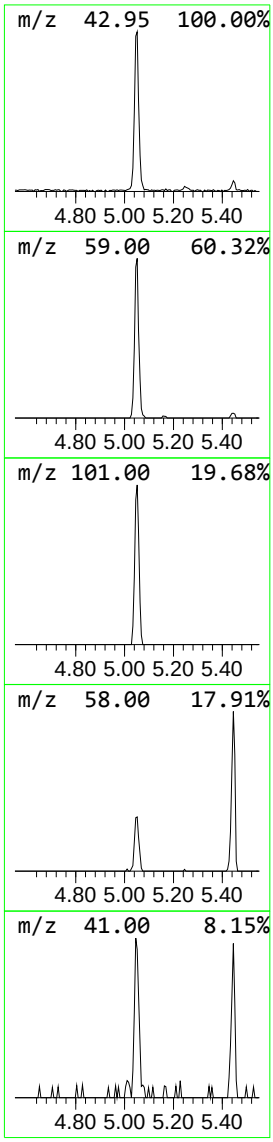
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	2.92 ng	85714	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Octanol	130	C8H18O	000589-98-0	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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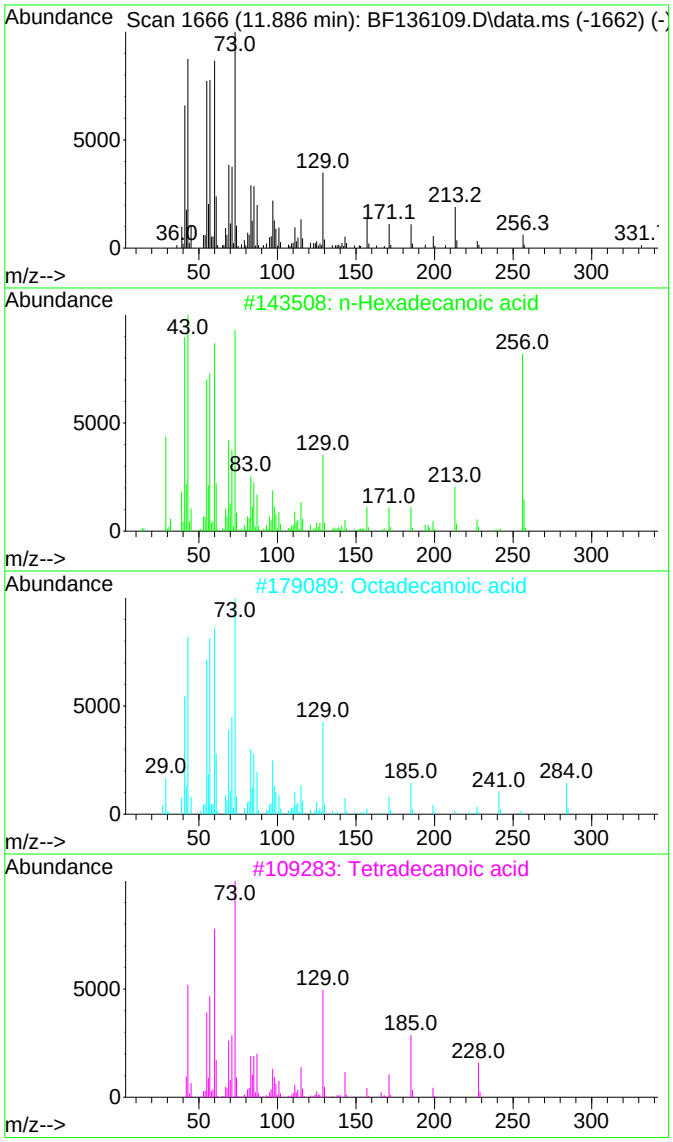
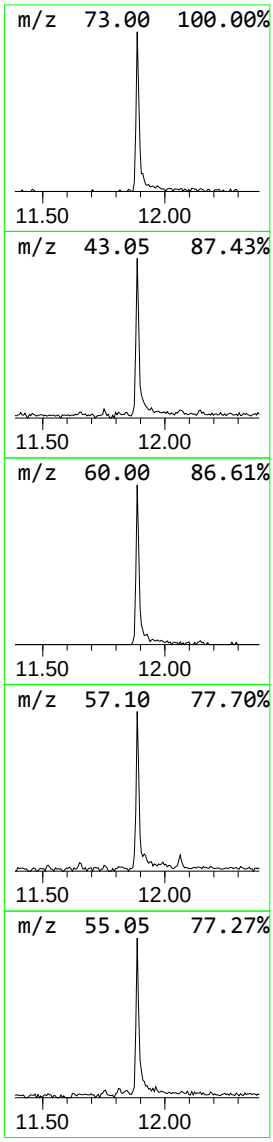
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	4.72 ng	175320	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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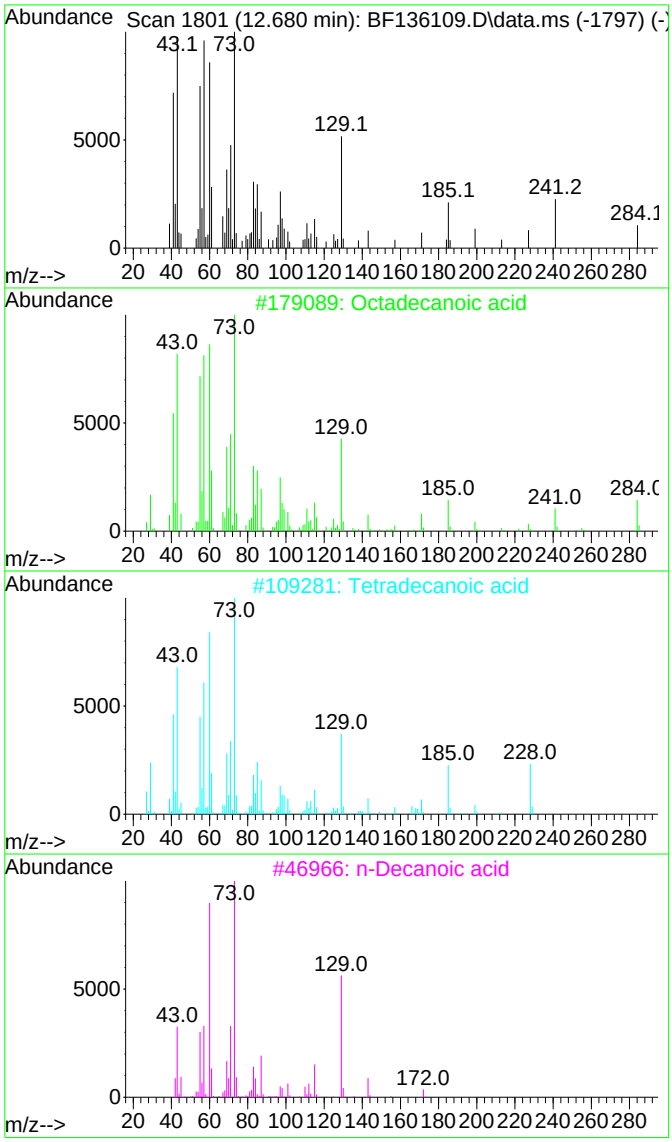
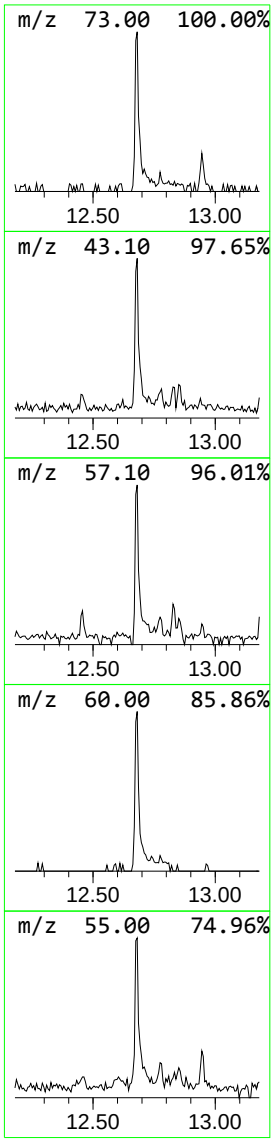
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	2.94 ng	78186	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	49
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30





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-...	5.051	2.9	ng	85714	1	6.816	587433	20.0
n-Hexadecanoic ...	11.886	4.7	ng	175320	4	11.351	743580	20.0
Octadecanoic acid	12.680	2.9	ng	78186	5	14.004	532460	20.0