LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134665.D
Acq On : 08 Aug 2023 11:35
Operator : CG\JU
Sample : 03881-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-2

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134665.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	202	205	222	rBV	38987	99623	1.94%	0.365%
2	5.422	562	567	570	rBV	2251315	1941063	37.89%	7.117%
3	6.422	733	737	740	rBV	1436997	1175979	22.96%	4.312%
4	6.551	755	759	763	rVB	72953	59675	1.16%	0.219%
5	6.798	797	801	804	rBV	1209747	1089813	21.27%	3.996%
6	7.357	890	896	899	rBV	3041966	3000794	58.58%	11.002%
7	8.075	1013	1018	1021	rBV	1758964	1478551	28.86%	5.421%
8	9.151	1196	1201	1205	rBV	5015751	5122596	100.00%	18.782%
9	9.827	1311	1316	1320	rBV	1876987	1630416	31.83%	5.978%
10	10.545	1435	1438	1441	rVB	95338	75798	1.48%	0.278%
11	10.622	1446	1451	1454	rBV	3285179	3068143	59.89%	11.249%
12	11.192	1545	1548	1550	rBV	123935	109915	2.15%	0.403%
13	11.316	1566	1569	1573	rVB	1680694	1478715	28.87%	5.422%
14	11.857	1658	1661	1665	rBV	474130	430147	8.40%	1.577%
15	12.645	1792	1795	1804	rVB	172786	197489	3.86%	0.724%
16	12.916	1836	1841	1844	rBV	4280375	3939847	76.91%	14.445%
17	13.092	1868	1871	1873	rBV	104677	81440	1.59%	0.299%
18	13.821	1992	1995	2002	rBV	201289	206814	4.04%	0.758%
19	13.962	2015	2019	2023	rBV	1162747	1014003	19.79%	3.718%
20	14.833	2164	2167	2171	rVB	78074	78832	1.54%	0.289%
21	15.433	2264	2269	2276	rBV	833171	994250	19.41%	3.645%

Sum of corrected areas: 27273903

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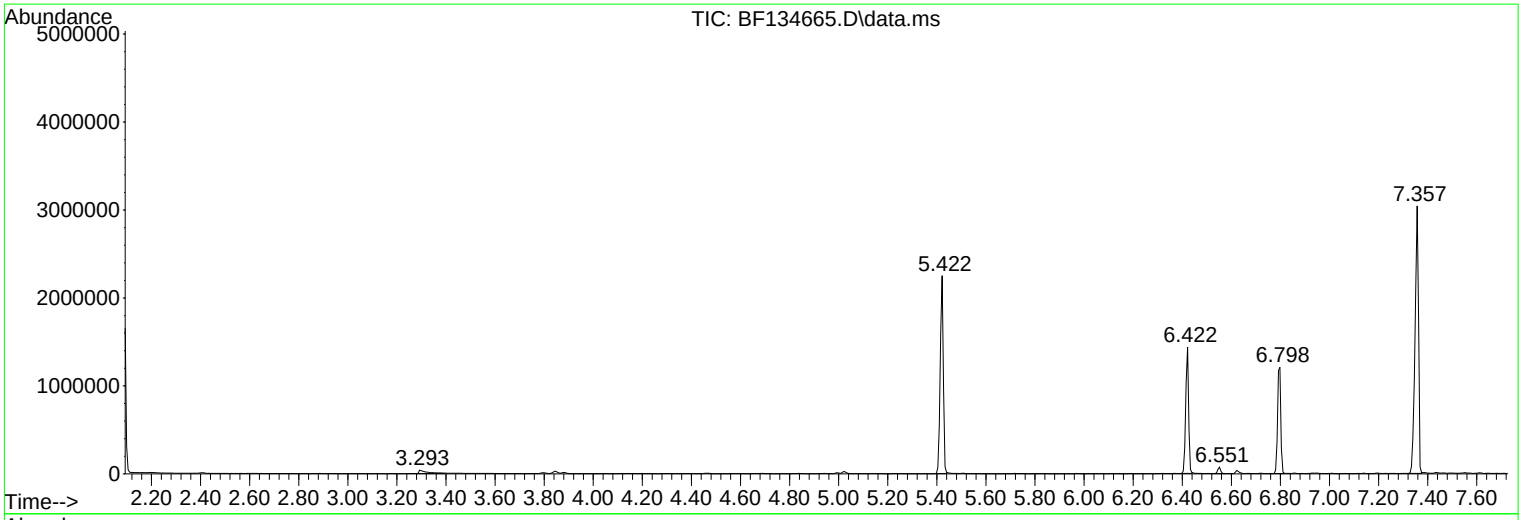
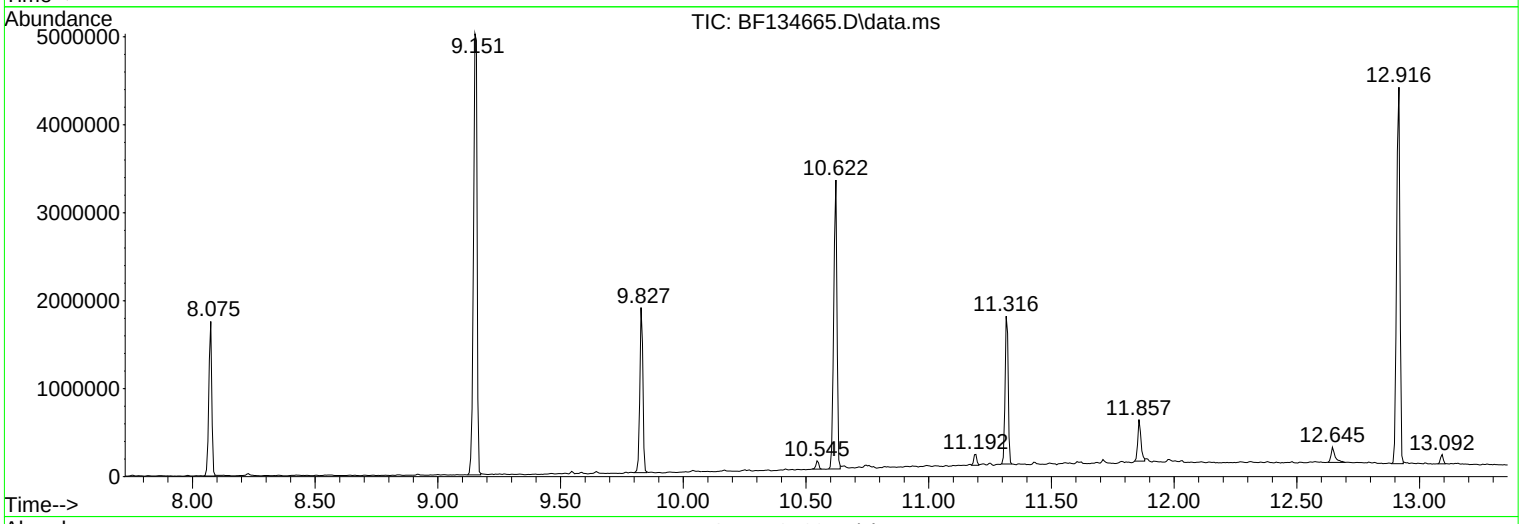
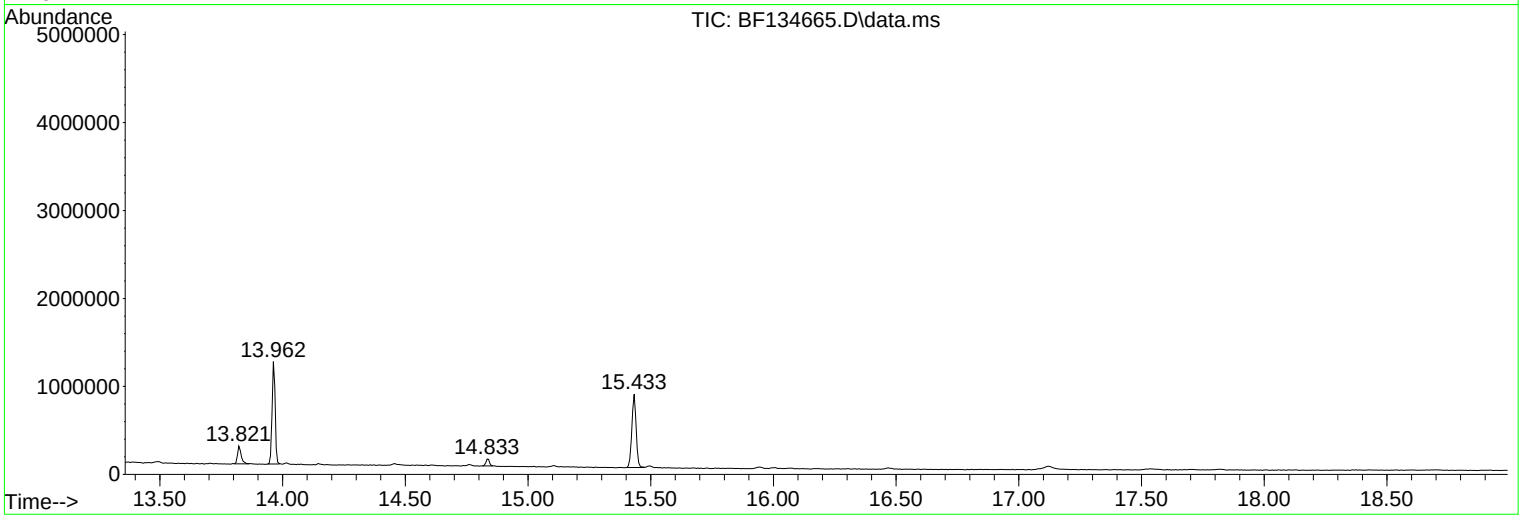
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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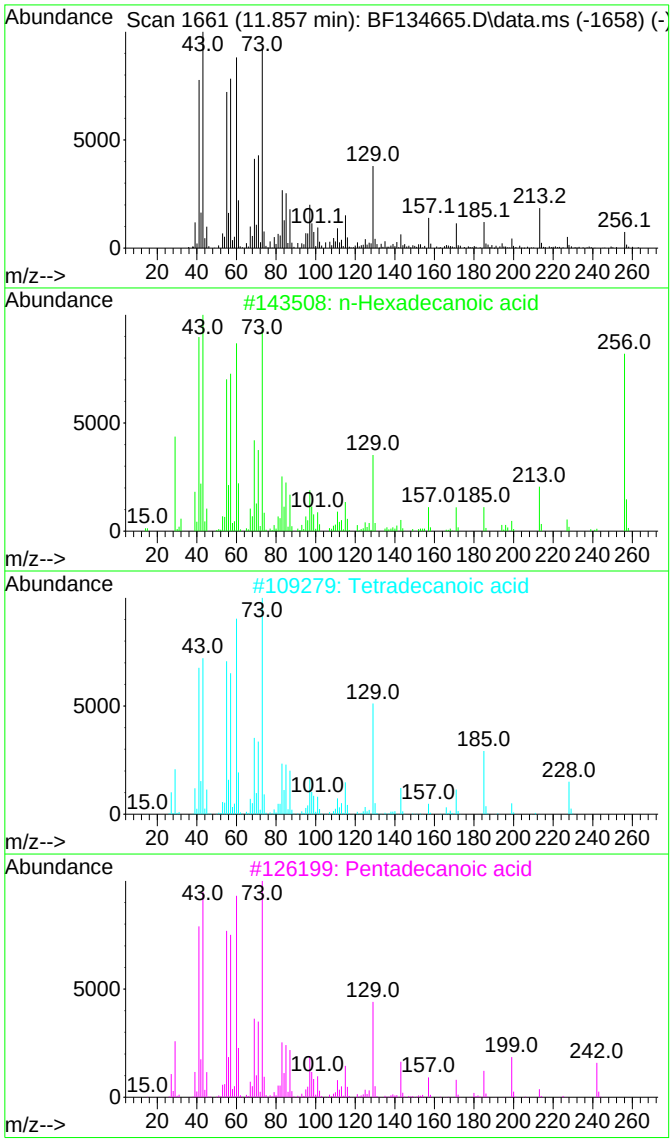
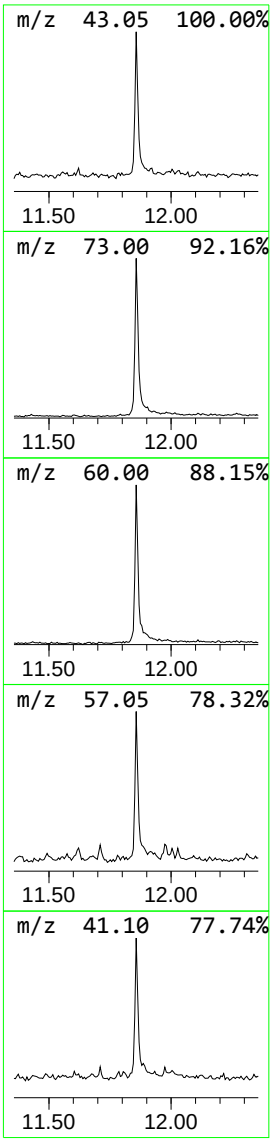
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	5.82 ng	430147	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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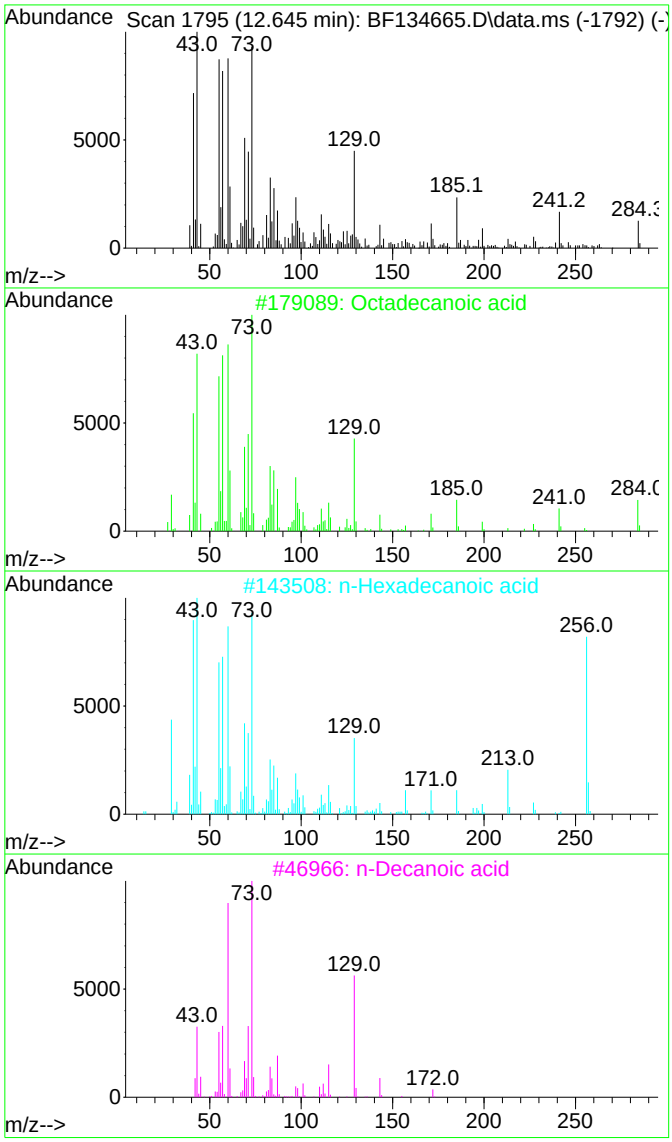
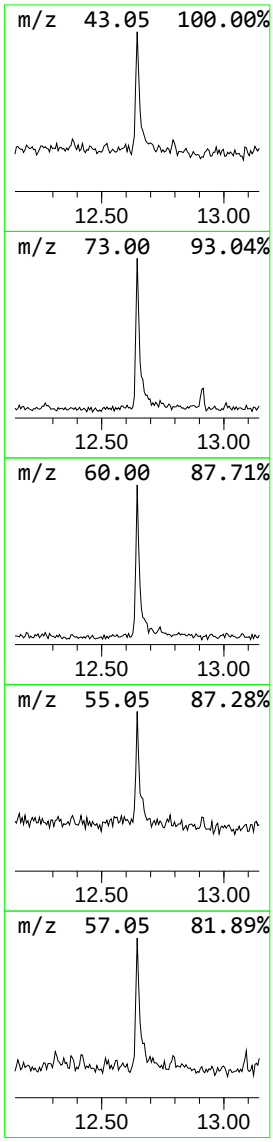
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	3.90 ng	197489	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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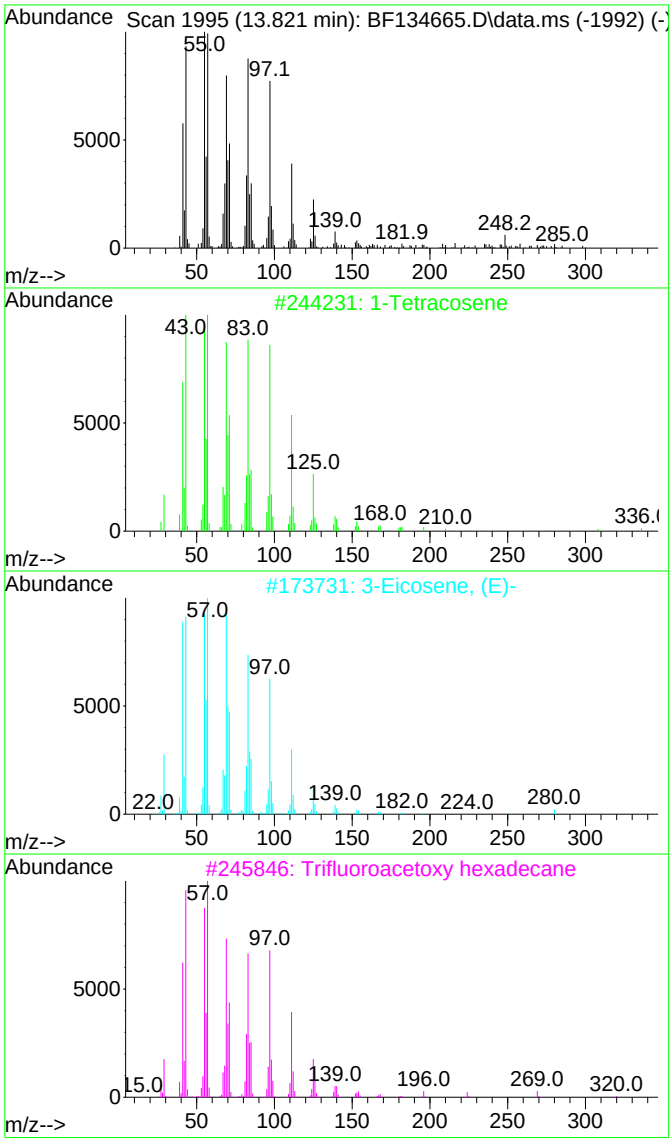
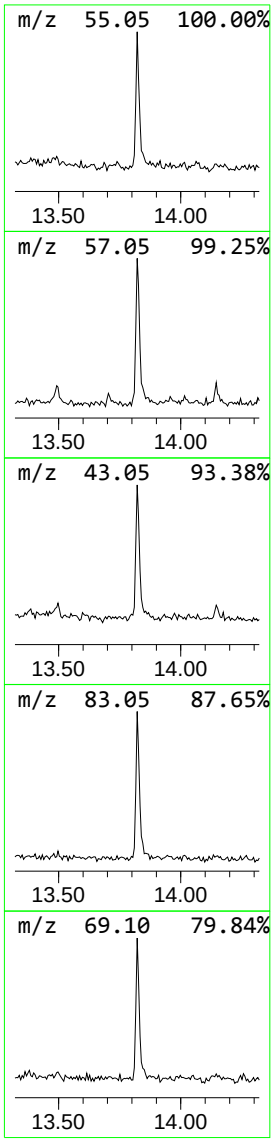
Peak Number 3 1-Tetracosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	4.08 ng	206814	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.857	5.8	ng	430147	4	11.316	1478720	20.0
Octadecanoic acid	12.645	3.9	ng	197489	5	13.963	1014000	20.0
1-Tetracosene	13.821	4.1	ng	206814	5	13.963	1014000	20.0