LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035224.D
Acq On : 24 May 2022 18:08
Operator : CG/JU
Sample : N2981-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-7(3.5-4)

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_M\Methods\8270-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035224.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	400	407	424	rBV	1672900	2542357	49.28%	9.201%
2	7.069	670	677	696	rBV	1545398	2545637	49.34%	9.212%
3	7.898	811	818	827	rBV	462832	733498	14.22%	2.654%
4	9.057	1007	1015	1025	rBV	990720	1648477	31.95%	5.966%
5	10.698	1286	1294	1310	rBV	562739	975444	18.91%	3.530%
6	13.163	1705	1713	1731	rBV	2494587	3736939	72.43%	13.524%
7	14.539	1940	1947	1962	rBV	767323	1240231	24.04%	4.488%
8	16.027	2193	2200	2220	rBV	1757992	2736025	53.03%	9.901%
9	17.280	2407	2413	2429	rBV	1015972	1445217	28.01%	5.230%
10	18.186	2561	2567	2576	rBV	347200	510256	9.89%	1.847%
11	19.462	2780	2784	2791	rBV	129720	199319	3.86%	0.721%
12	19.903	2854	2859	2866	rBV	4142614	5159240	100.00%	18.671%
13	21.186	3073	3077	3084	rBV	380884	519283	10.07%	1.879%
14	21.462	3120	3124	3135	rBV	1314527	1747234	33.87%	6.323%
15	23.850	3524	3530	3543	rVB2	916139	1893642	36.70%	6.853%

Sum of corrected areas: 27632799

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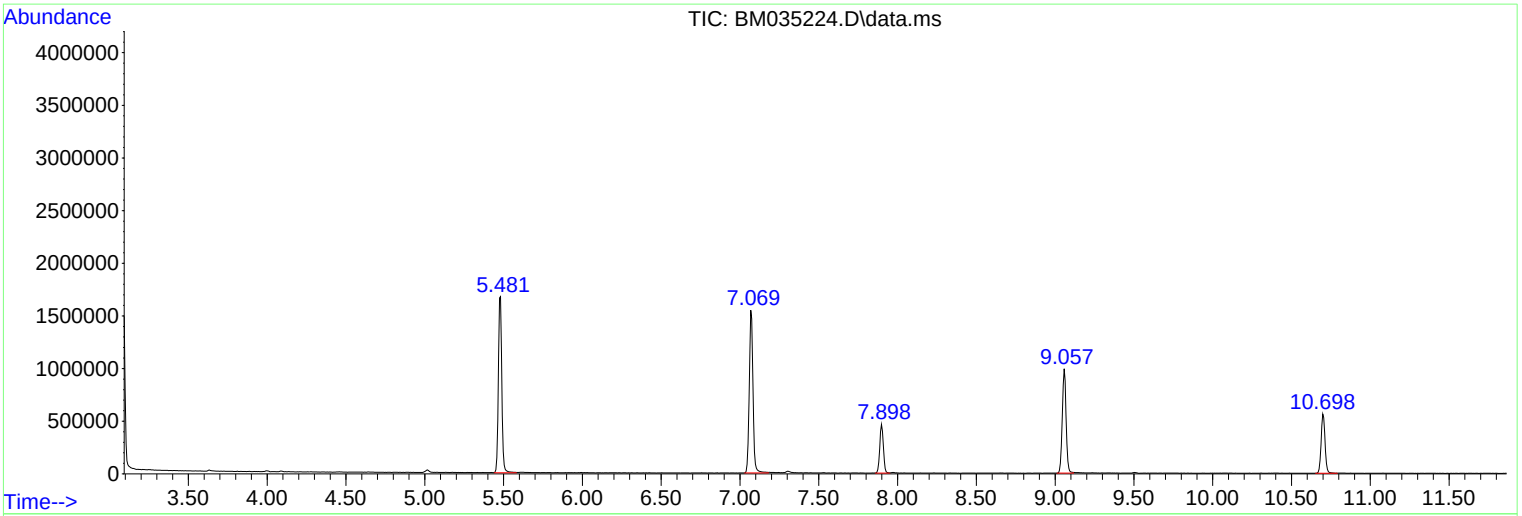
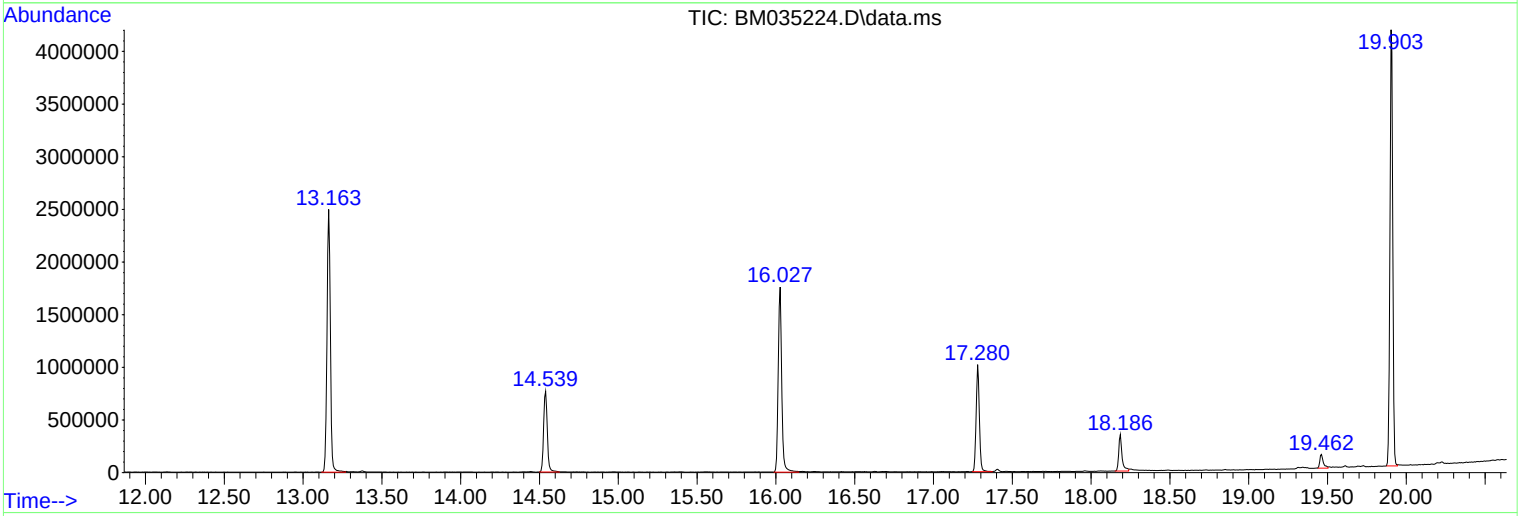
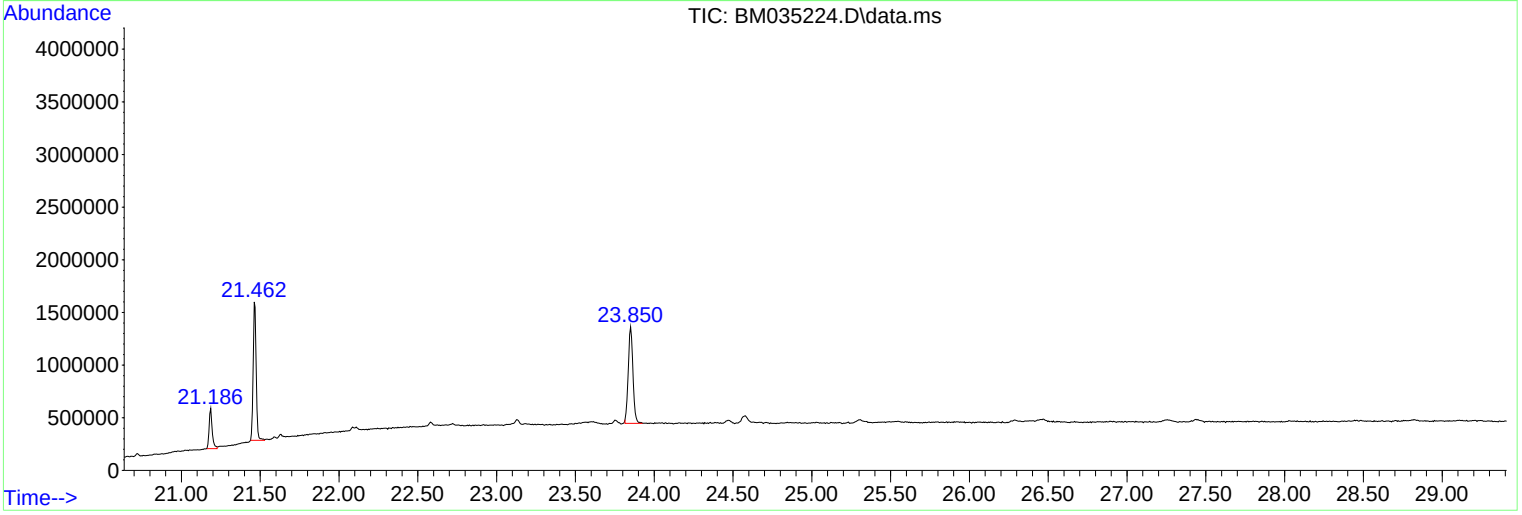
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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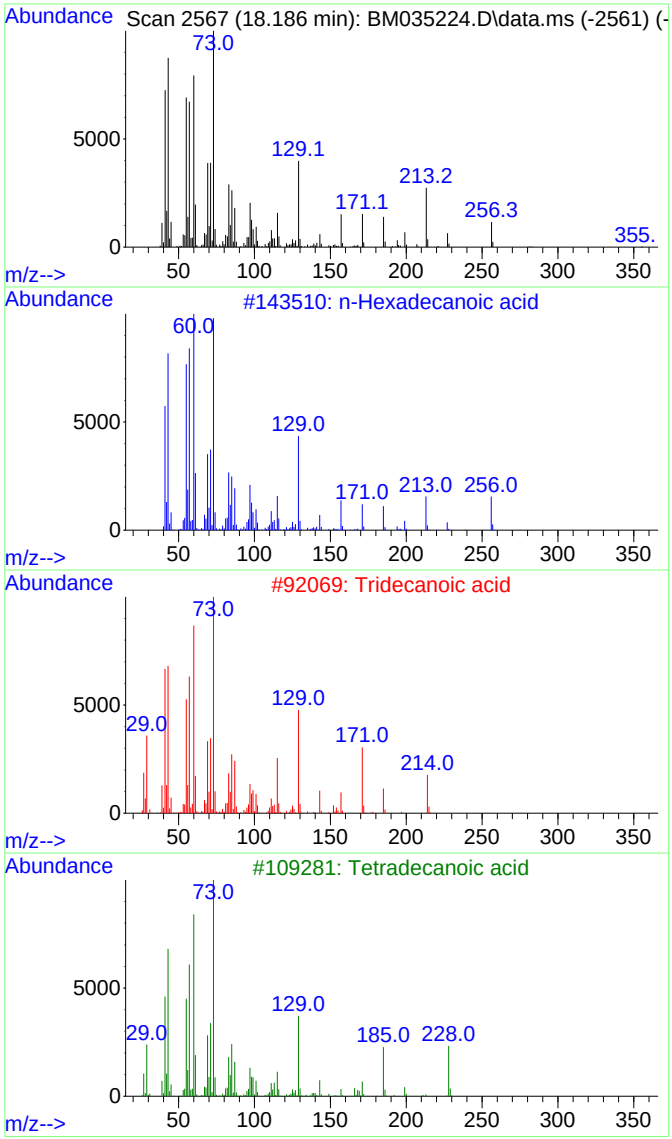
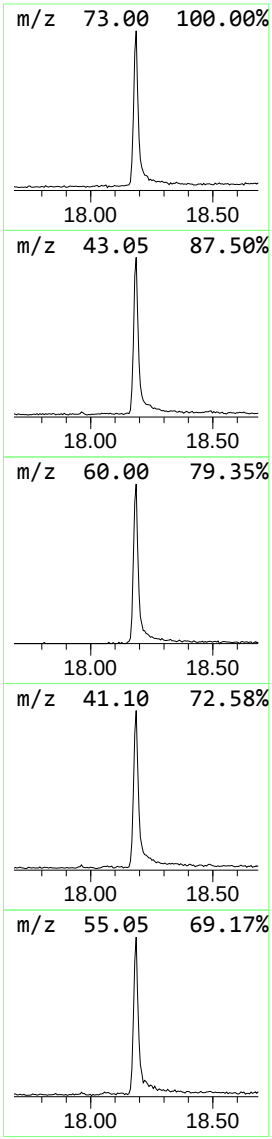
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	7.06 ng	510256	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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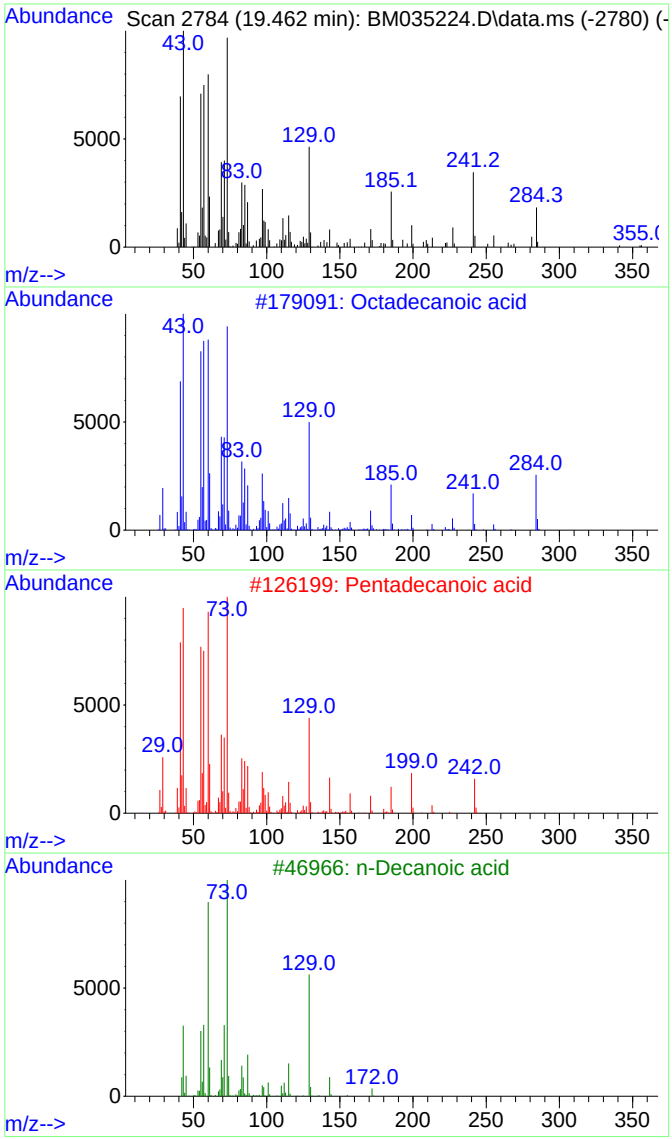
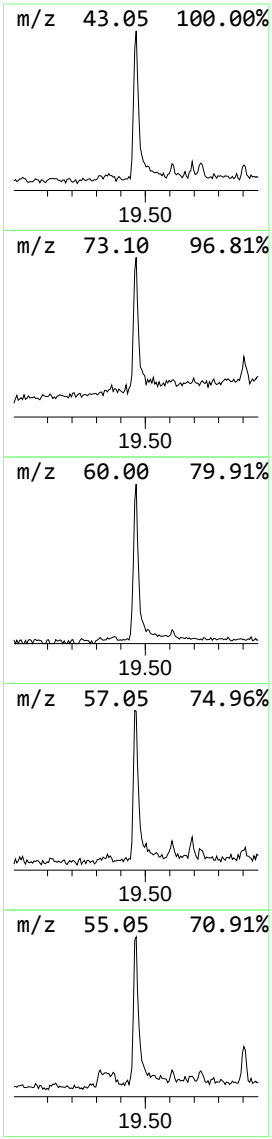
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.462	2.28 ng	199319	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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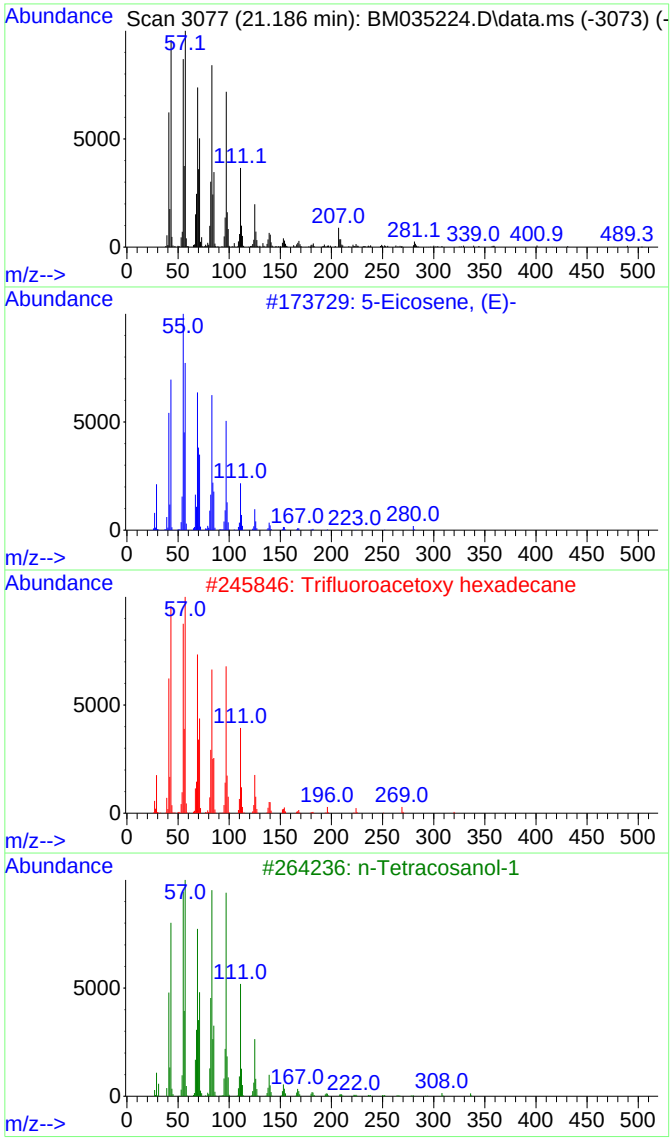
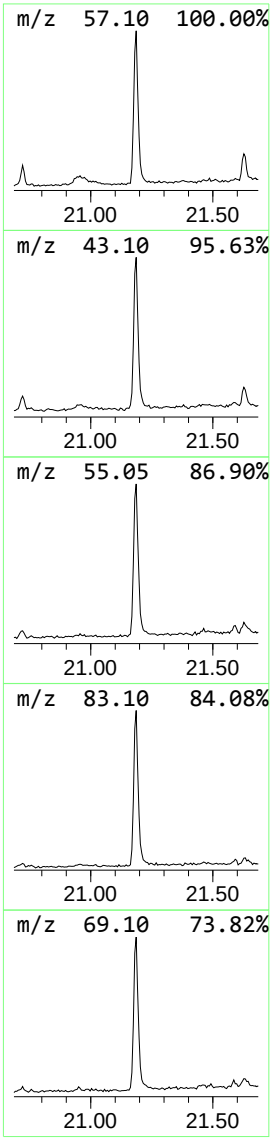
Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	5.94 ng	519283	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.186	7.1	ng	510256	4	17.280	1445220	20.0
Octadecanoic acid	19.462	2.3	ng	199319	5	21.462	1747230	20.0
5-Eicosene, (E)-	21.186	5.9	ng	519283	5	21.462	1747230	20.0