LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
Data File : BM035209.D
Acq On : 24 May 2022 00:14
Operator : CG/JU
Sample : N2874-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P007-SS005-0006-01

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: BM035209.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	401	407	423	rBV	2058387	3030242	46.43%	8.135%
2	7.075	670	678	696	rBV	1952869	3216302	49.28%	8.635%
3	7.904	811	819	826	rBV	612140	997257	15.28%	2.677%
4	9.057	1008	1015	1027	rBV	1222796	2082773	31.91%	5.592%
5	10.704	1287	1295	1308	rBV	775260	1333084	20.43%	3.579%
6	13.163	1706	1713	1723	rBV	3077471	4568717	70.01%	12.265%
7	14.539	1940	1947	1954	rBV	1144991	1716857	26.31%	4.609%
8	16.027	2193	2200	2211	rBV	2519622	3615677	55.40%	9.707%
9	17.280	2404	2413	2419	rBV	1350310	2025021	31.03%	5.437%
10	17.339	2419	2423	2427	rVV2	79602	97766	1.50%	0.262%
11	18.186	2562	2567	2577	rBV	829483	1224753	18.77%	3.288%
12	19.462	2780	2784	2796	rBV	510980	756394	11.59%	2.031%
13	19.904	2854	2859	2869	rBV	5296099	6526058	100.00%	17.520%
14	21.180	3072	3076	3087	rBV	829332	1143500	17.52%	3.070%
15	21.462	3119	3124	3136	rBV	1839703	2553055	39.12%	6.854%
16	23.844	3524	3529	3538	rVB2	1193508	2361140	36.18%	6.339%

Sum of corrected areas: 37248596

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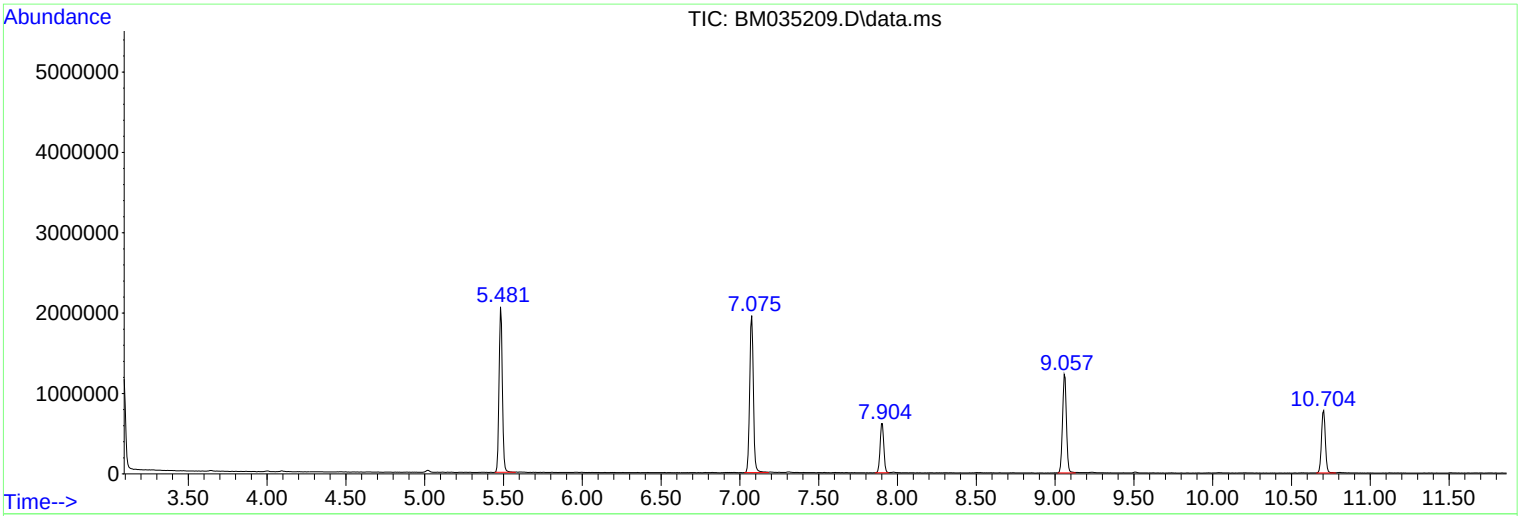
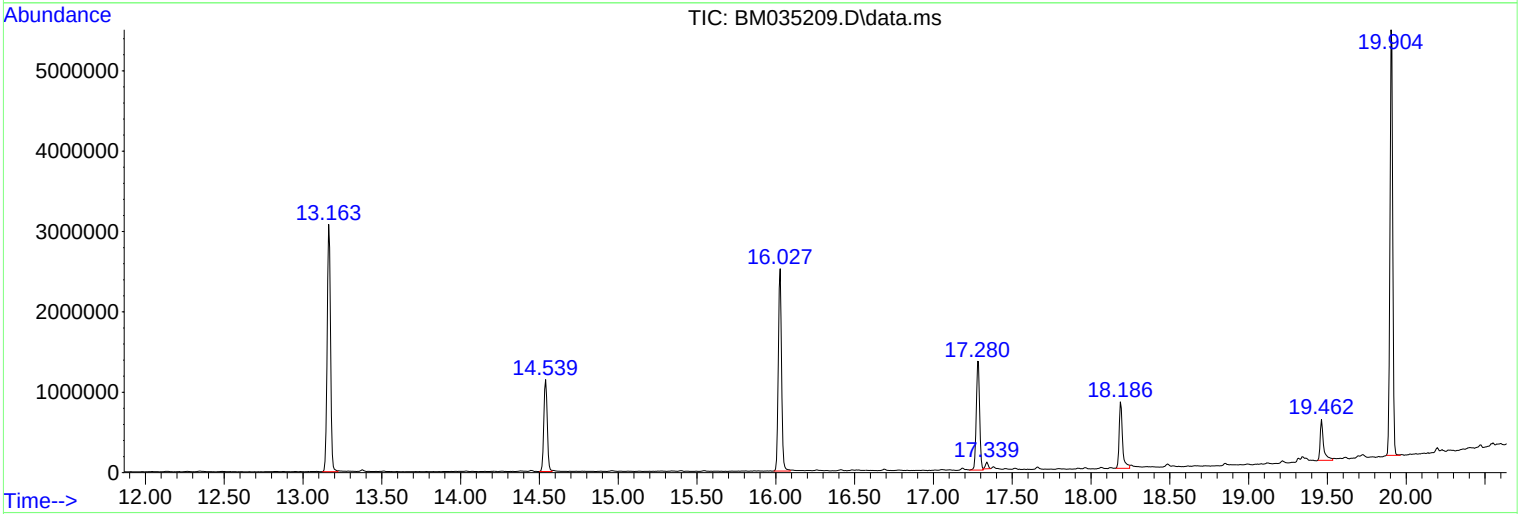
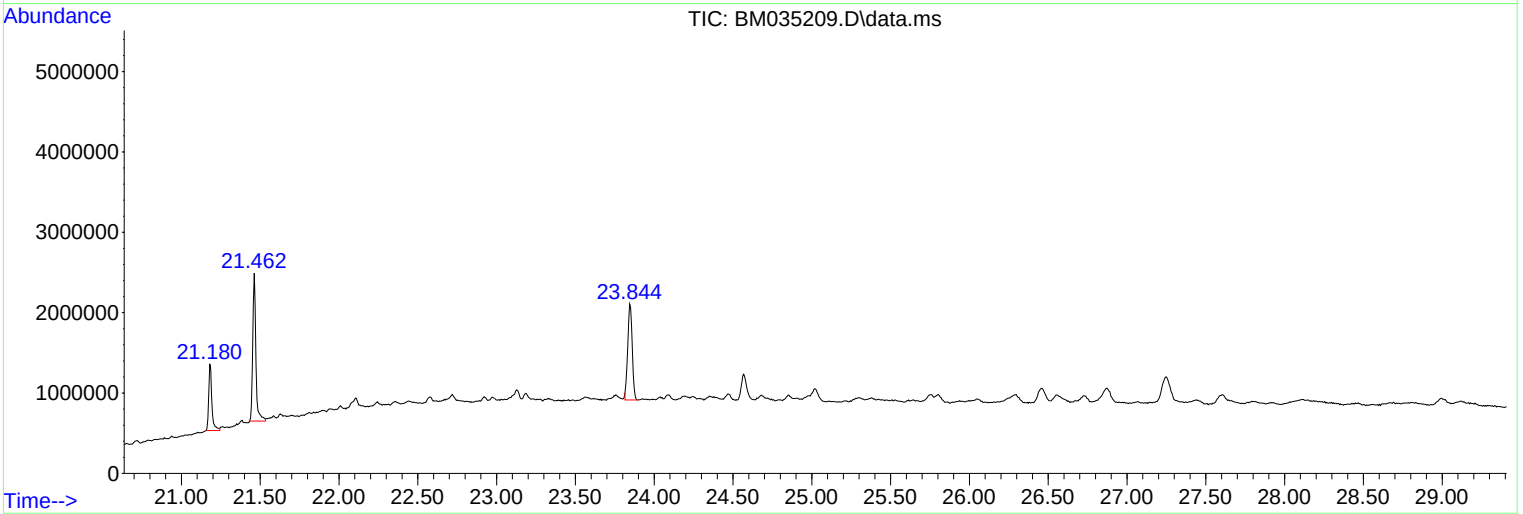
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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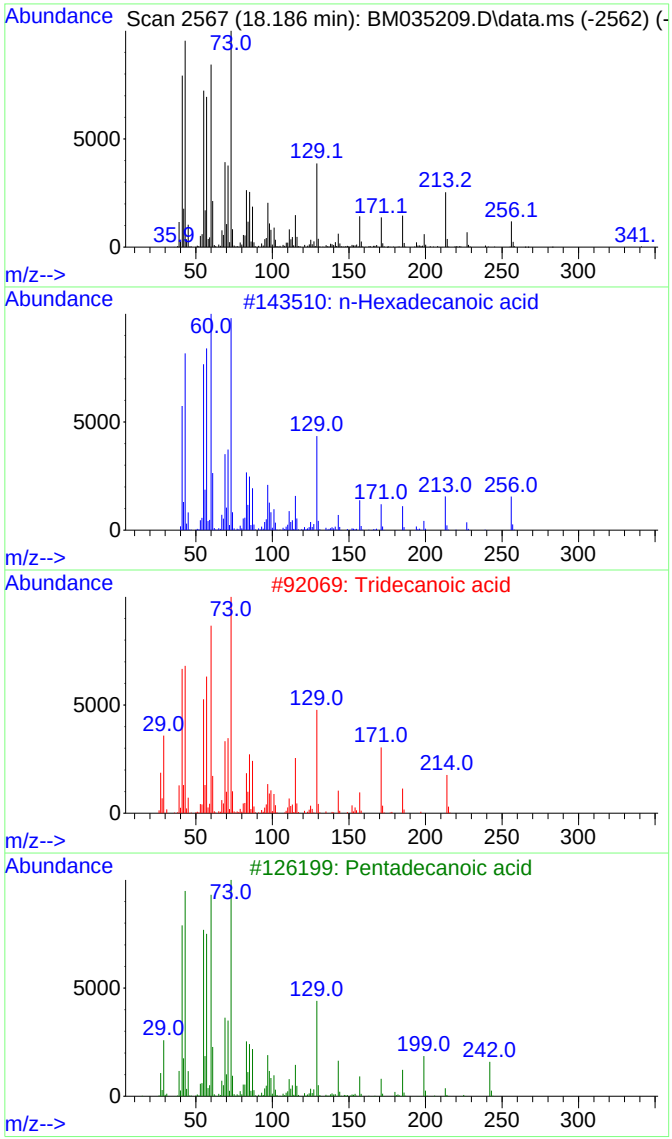
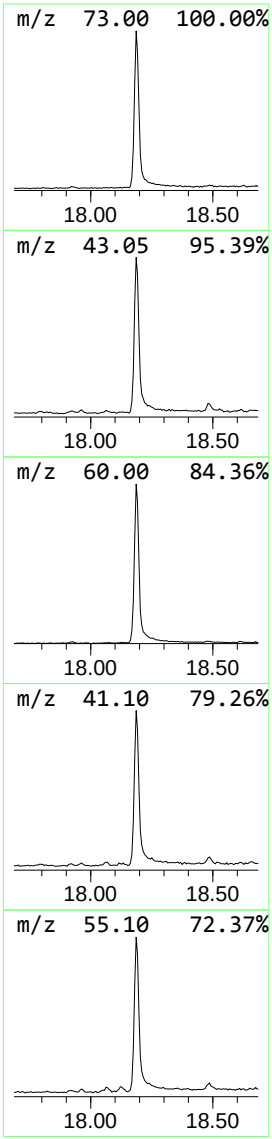
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	12.10 ng	1224750	Phenanthrene-d10	17.286

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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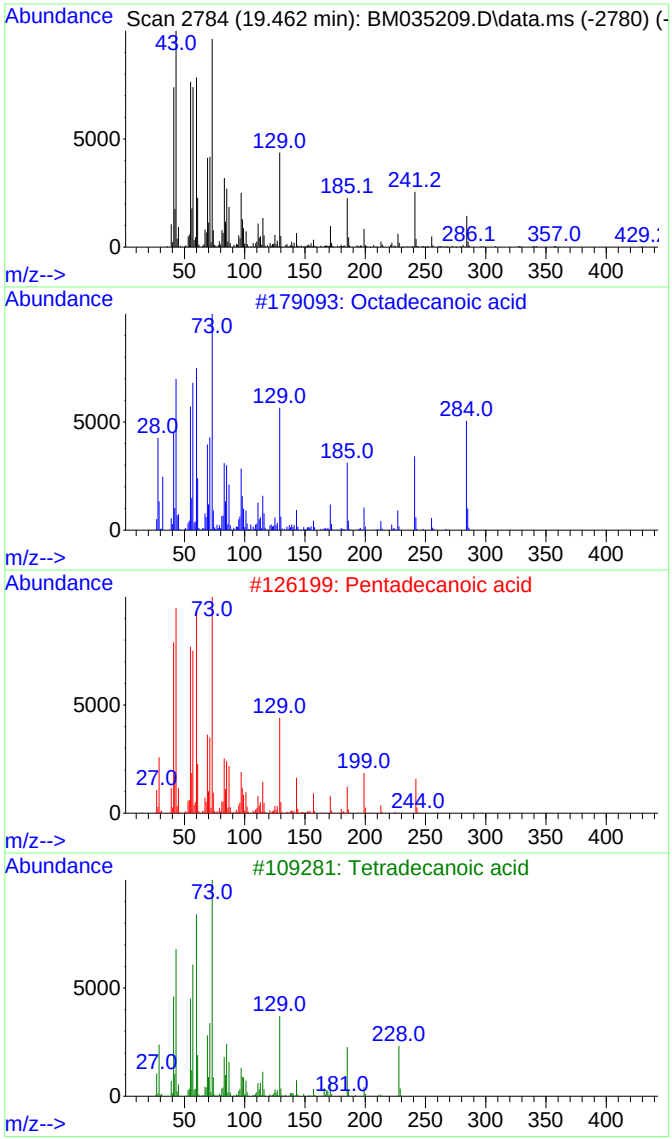
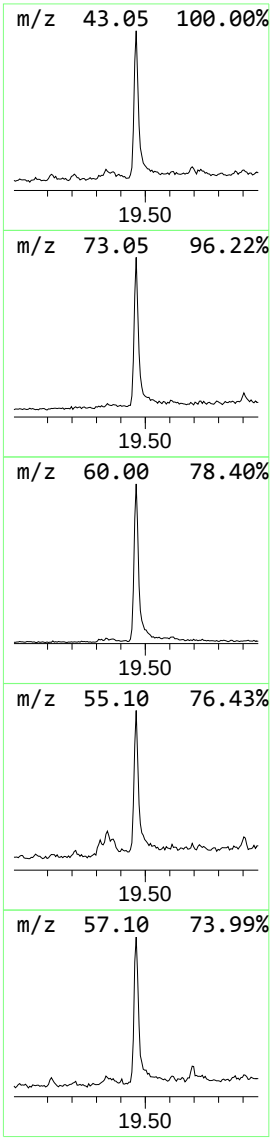
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.462	5.93 ng	756394	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	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Docosanoic acid	340	C22H44O2	000112-85-6	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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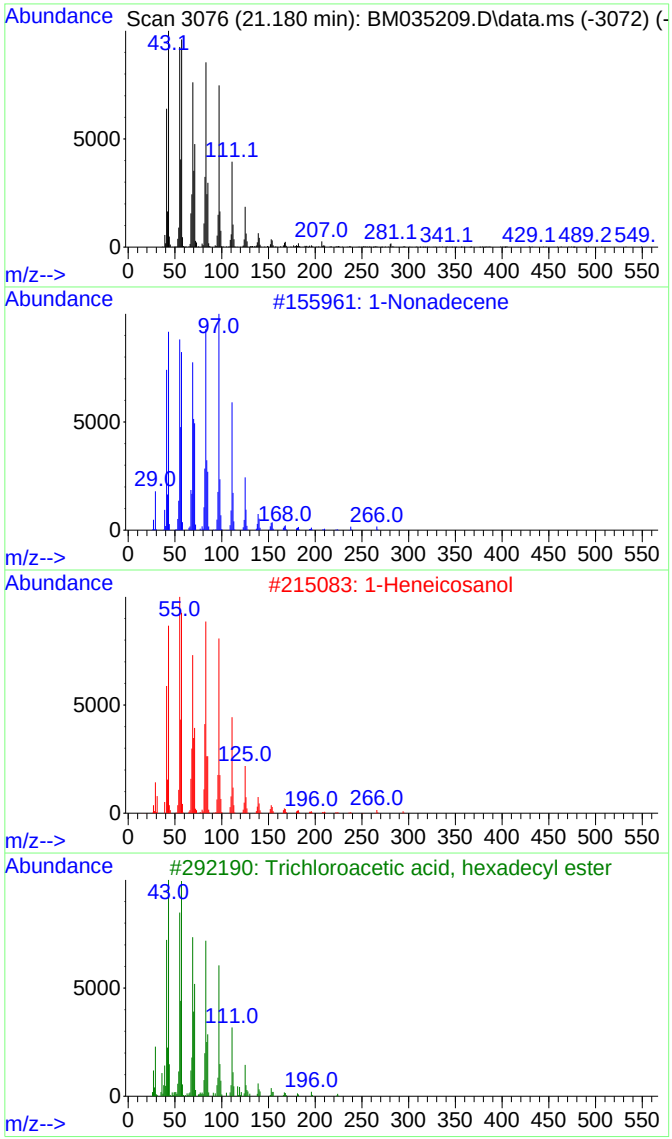
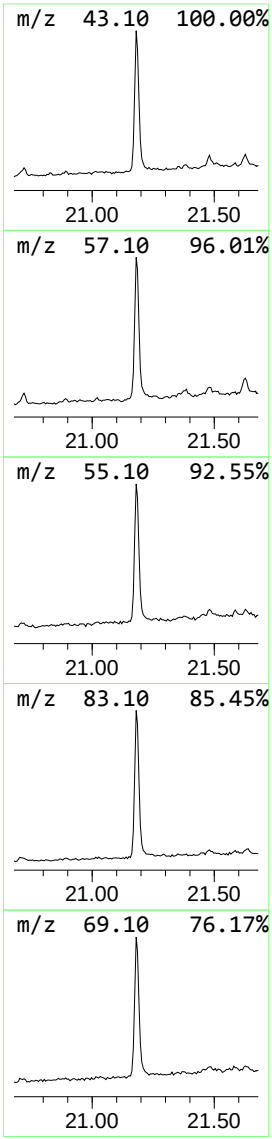
Peak Number 3 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	8.96 ng	1143500	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	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	12.1	ng	1224750	4	17.286	2025020	20.0
Octadecanoic acid	19.462	5.9	ng	756394	5	21.462	2553060	20.0
1-Nonadecene	21.180	9.0	ng	1143500	5	21.462	2553060	20.0