LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035182.D
Acq On : 20 May 2022 18:35
Operator : CG/JU
Sample : N2916-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PP-1

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: BM035182.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	422	rBV	1880244	2712828	45.14%	8.752%
2	7.075	670	678	696	rBV	1772996	2844607	47.33%	9.177%
3	7.904	812	819	826	rBV	414878	656818	10.93%	2.119%
4	9.063	1008	1016	1027	rBV	1089999	1829422	30.44%	5.902%
5	10.704	1288	1295	1303	rBV	537804	907482	15.10%	2.928%
6	13.169	1707	1714	1722	rBV	2731809	3962671	65.94%	12.784%
7	14.539	1940	1947	1955	rBV	797859	1207449	20.09%	3.895%
8	15.363	2074	2087	2091	rBV	49265	96798	1.61%	0.312%
9	16.027	2193	2200	2212	rBV	2332945	3301232	54.93%	10.650%
10	17.110	2378	2384	2393	rVB3	29349	63288	1.05%	0.204%
11	17.286	2407	2414	2419	rBV	978867	1428636	23.77%	4.609%
12	17.327	2419	2421	2427	rVV	51841	61890	1.03%	0.200%
13	18.186	2561	2567	2576	rBV	377671	610711	10.16%	1.970%
14	18.257	2576	2579	2585	rVB	39232	61338	1.02%	0.198%
15	19.345	2757	2764	2771	rBV	166305	267646	4.45%	0.863%
16	19.462	2780	2784	2796	rBV	316231	513283	8.54%	1.656%
17	19.704	2817	2825	2833	rBV	122945	227453	3.78%	0.734%
18	19.909	2854	2860	2866	rBV	4994799	6009733	100.00%	19.387%
19	20.556	2966	2970	2975	rBV2	105873	163767	2.73%	0.528%
20	21.186	3073	3077	3084	rBV	369171	489721	8.15%	1.580%
21	21.468	3120	3125	3130	rBV	1406261	1820594	30.29%	5.873%
22	23.856	3525	3531	3543	rVB2	858065	1760811	29.30%	5.680%

Sum of corrected areas: 30998178

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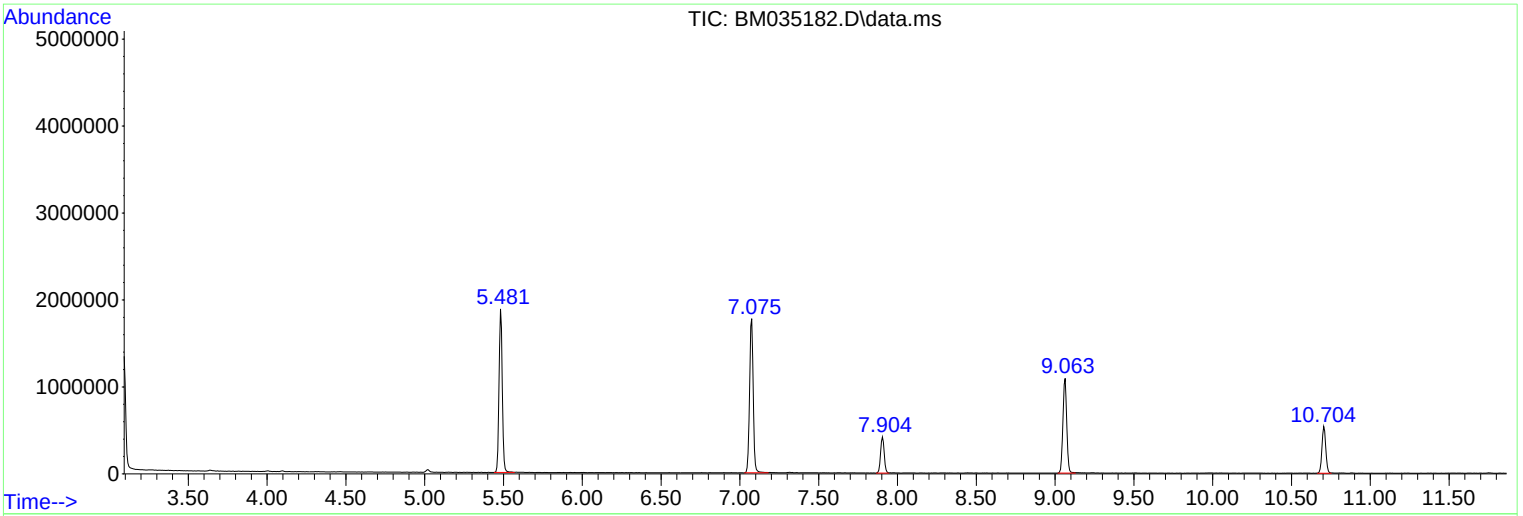
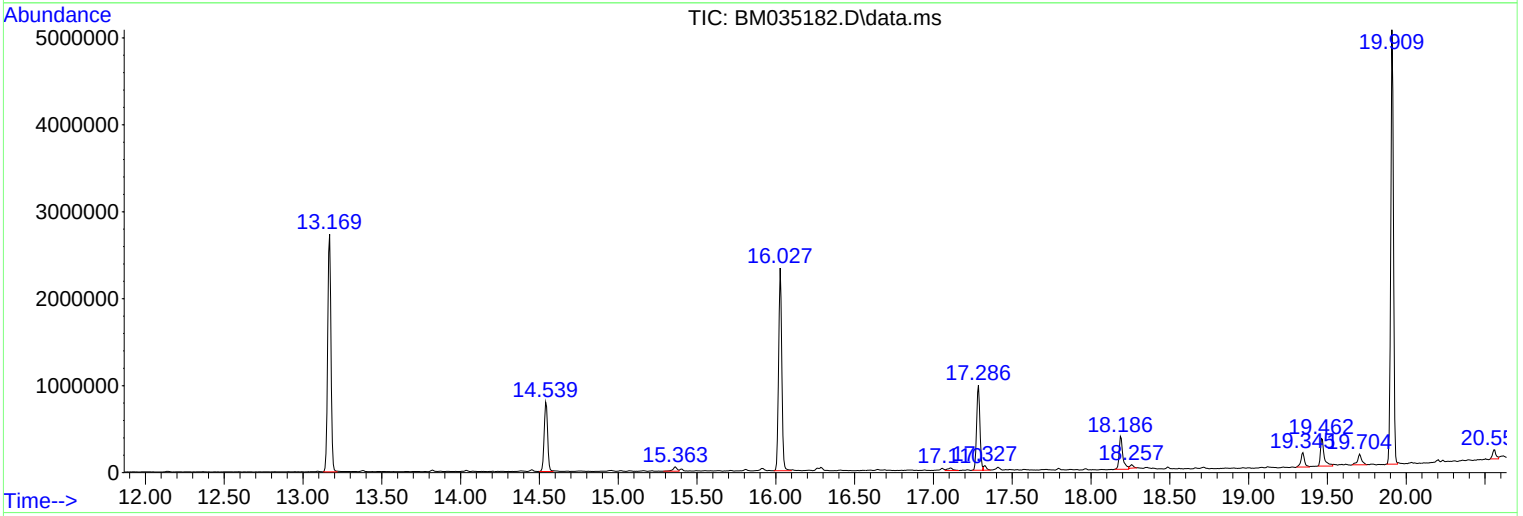
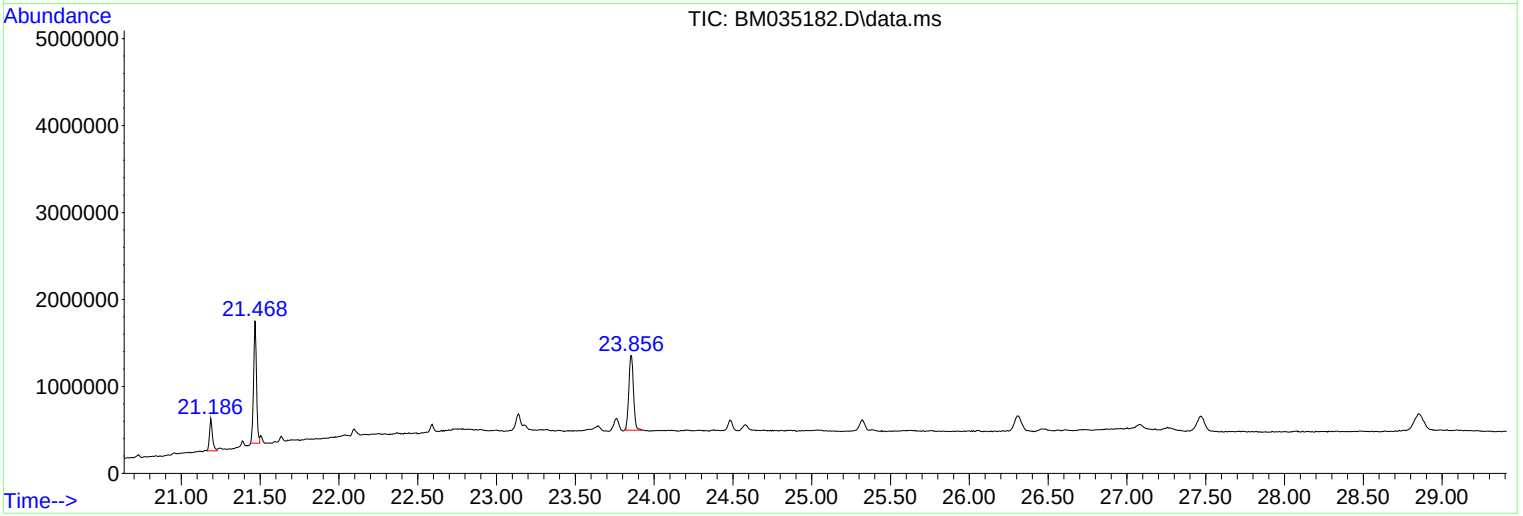
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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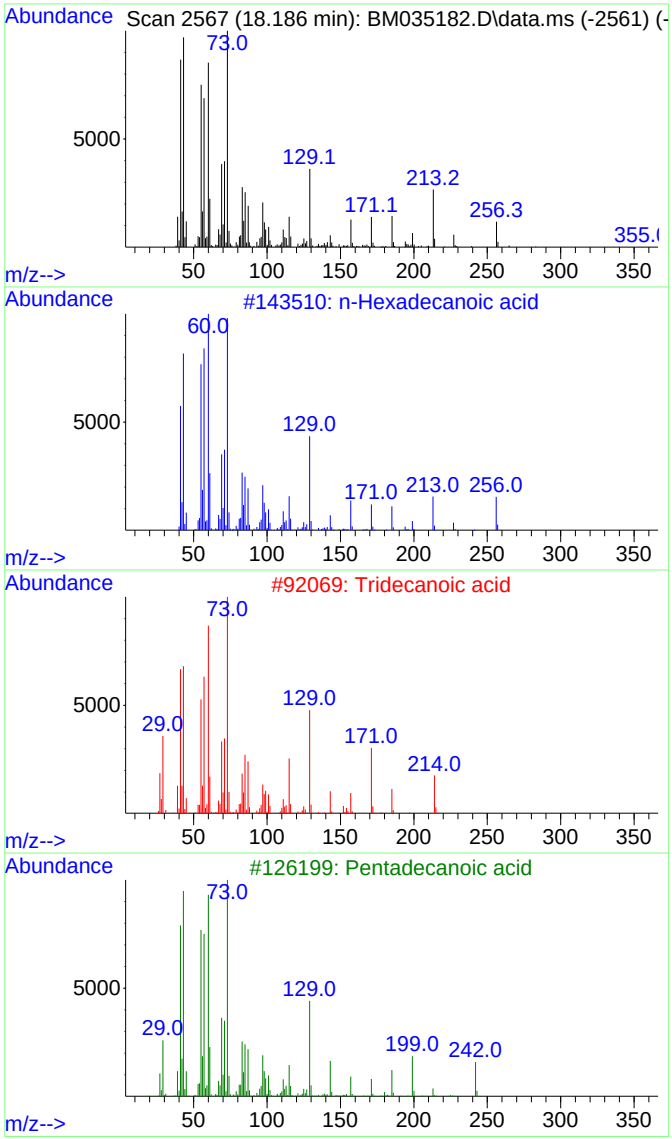
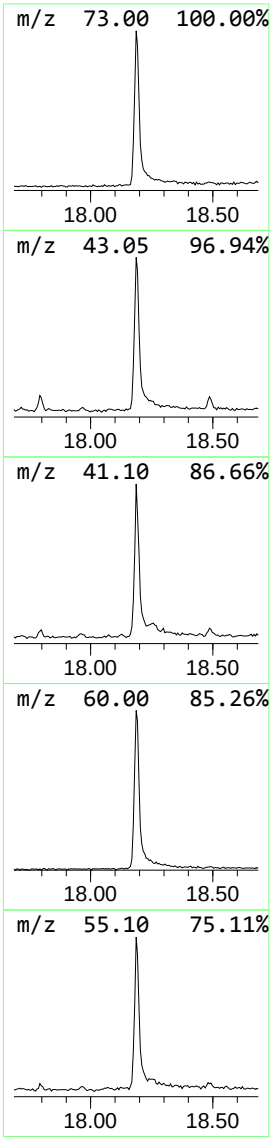
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	8.55 ng	610711	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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Nonanoic acid	158	C9H18O2	000112-05-0	45





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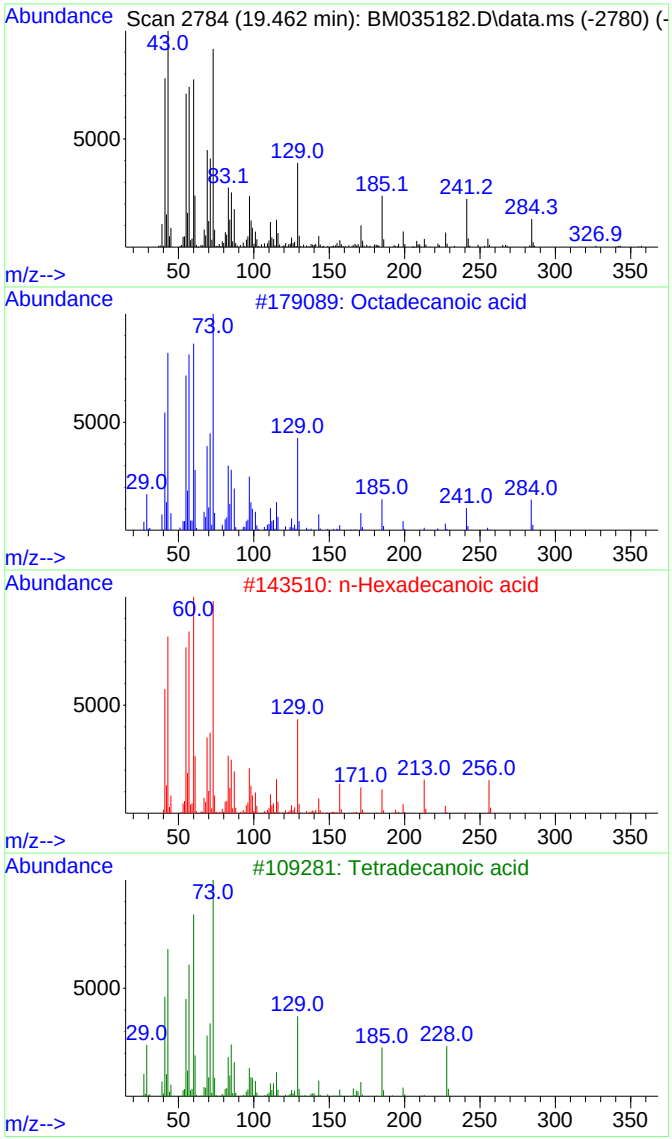
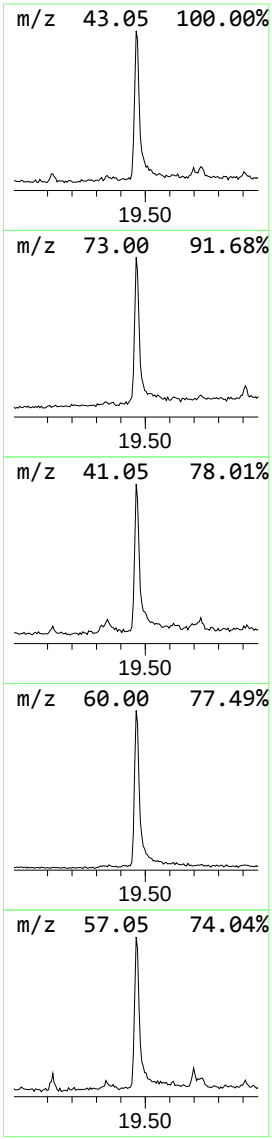
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.462	5.64 ng	513283	Chrysene-d12	21.468

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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Instrument :
BNA_M
ClientSampleId :
PP-1

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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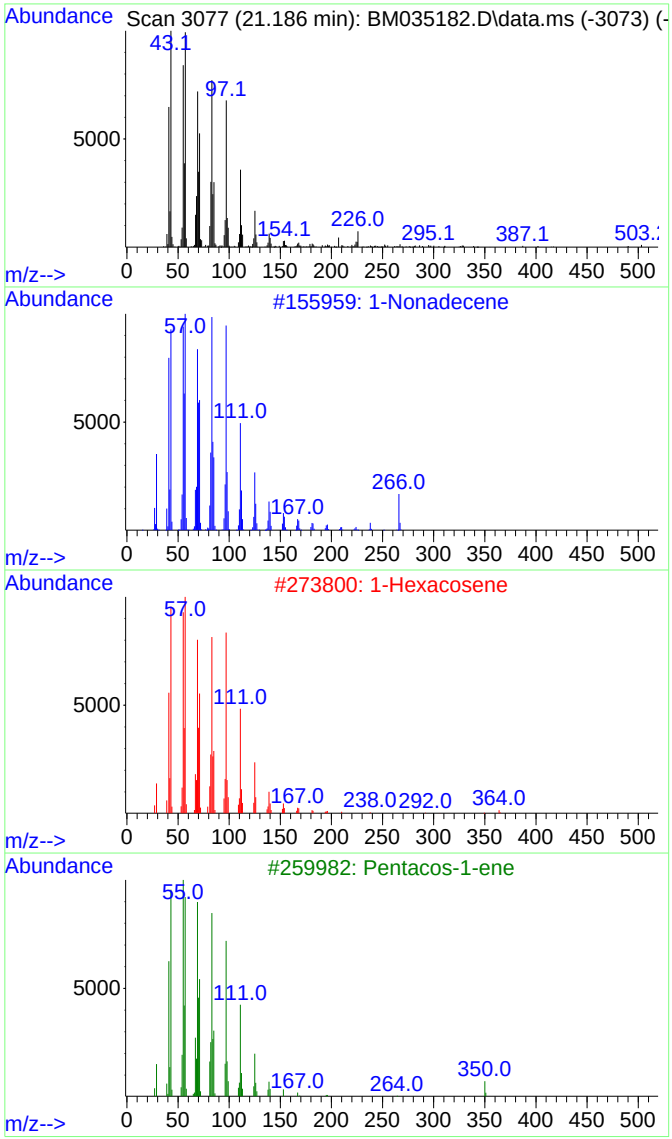
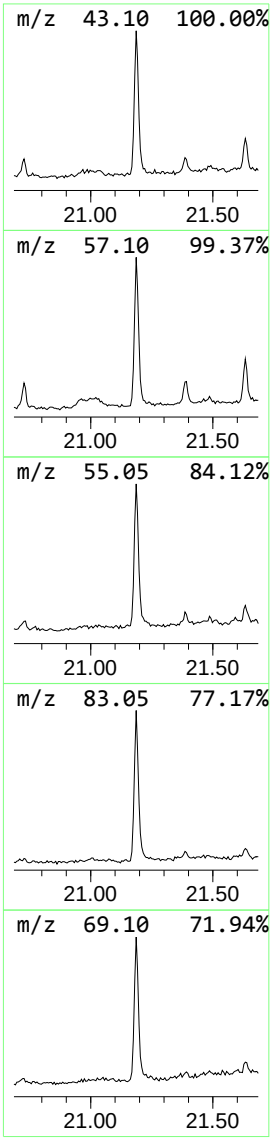
Peak Number 4 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	5.38 ng	489721	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.186	8.6	ng	610711	4	17.286	1428640	20.0
Octadecanoic acid	19.462	5.6	ng	513283	5	21.468	1820590	20.0
1-Nonadecene	21.186	5.4	ng	489721	5	21.468	1820590	20.0