LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035158.D
Acq On : 19 May 2022 18:32
Operator : CG/JU
Sample : N2871-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P017-SS001-0612-01

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: BM035158.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	323	329	335	rVB	58314	86207	1.42%	0.234%
2	5.481	400	407	420	rBV	2743963	3922499	64.77%	10.632%
3	7.075	669	678	689	rBV	2520830	3984806	65.79%	10.800%
4	7.904	811	819	826	rBV	648539	1002871	16.56%	2.718%
5	9.063	1008	1016	1026	rBV	1593700	2616137	43.20%	7.091%
6	10.704	1288	1295	1303	rBV	763548	1287801	21.26%	3.490%
7	13.169	1706	1714	1728	rBV	3481843	5001638	82.58%	13.556%
8	13.998	1849	1855	1866	rBV	53311	85768	1.42%	0.232%
9	14.539	1941	1947	1954	rBV	1025698	1554880	25.67%	4.214%
10	16.027	2193	2200	2210	rBV	2604457	3644439	60.17%	9.878%
11	17.286	2407	2414	2421	rBV	1189875	1636845	27.03%	4.437%
12	18.192	2562	2568	2577	rBV	502178	701285	11.58%	1.901%
13	19.468	2780	2785	2793	rBV2	228863	332653	5.49%	0.902%
14	19.721	2825	2828	2836	rVB3	69606	105991	1.75%	0.287%
15	19.909	2855	2860	2866	rBV	4967149	6056438	100.00%	16.415%
16	21.186	3073	3077	3088	rBV	707794	871949	14.40%	2.363%
17	21.468	3120	3125	3132	rBV	1431990	1913151	31.59%	5.185%
18	23.856	3525	3531	3542	rVB2	1011547	2089466	34.50%	5.663%

Sum of corrected areas: 36894824

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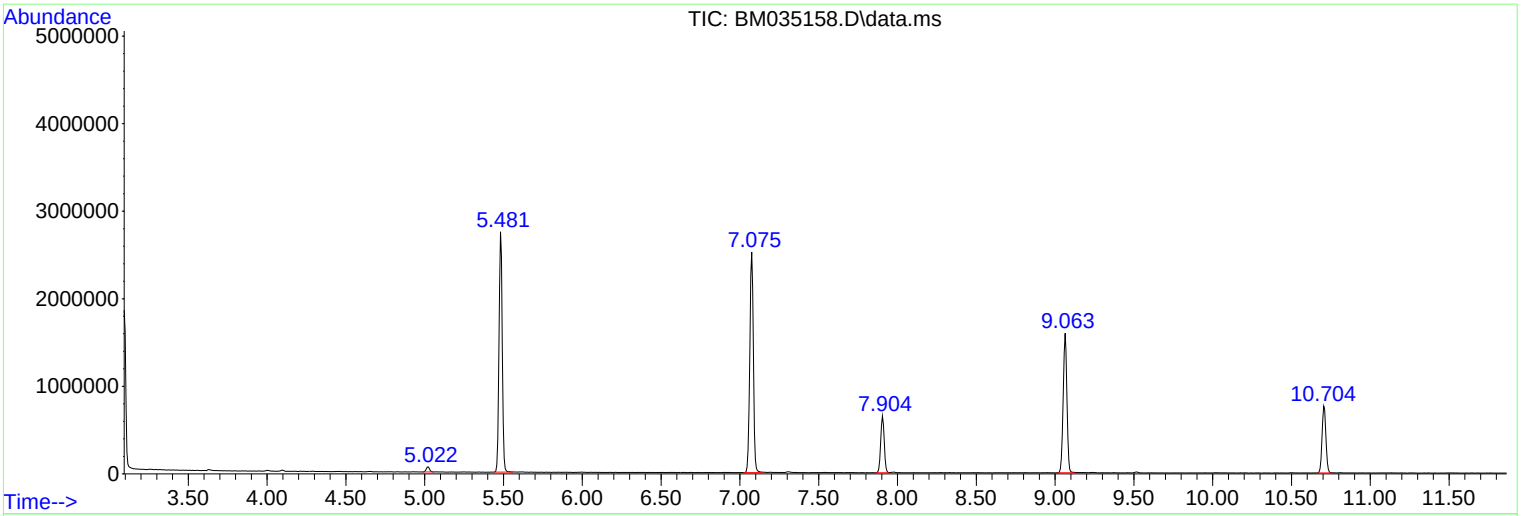
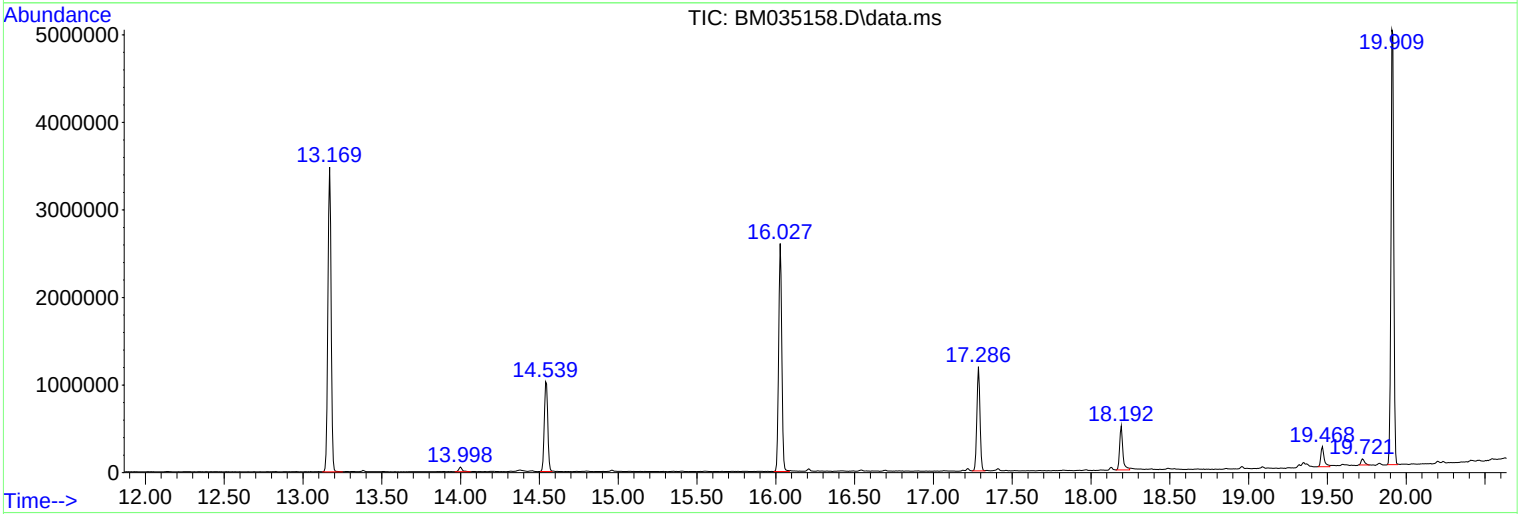
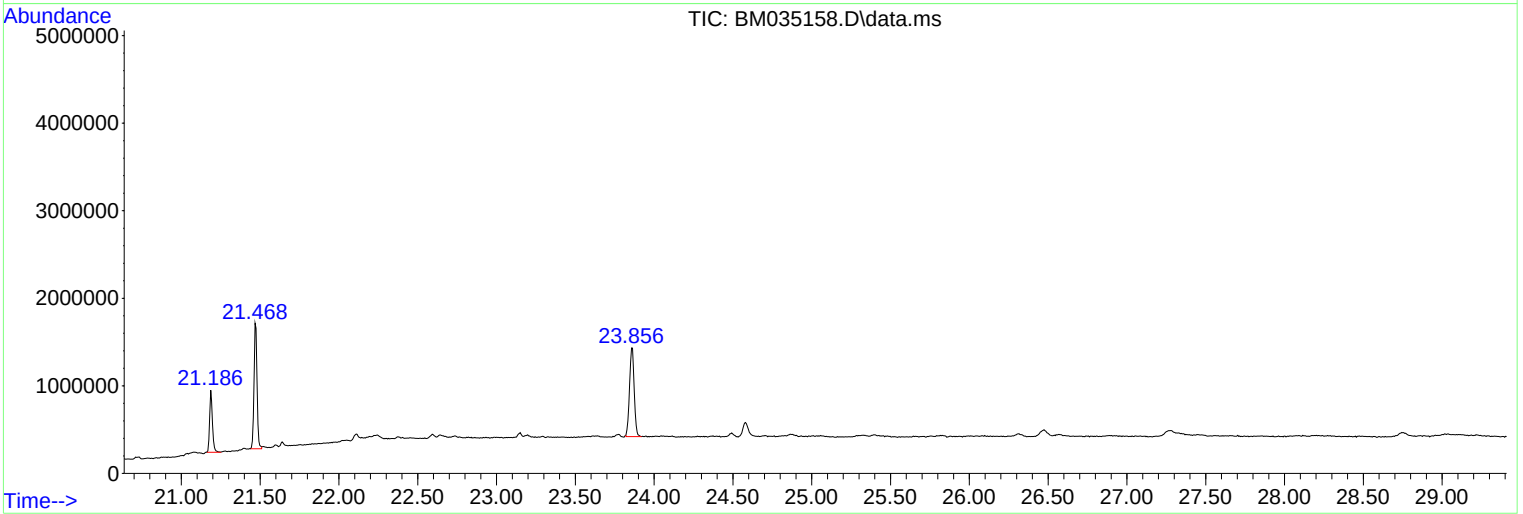
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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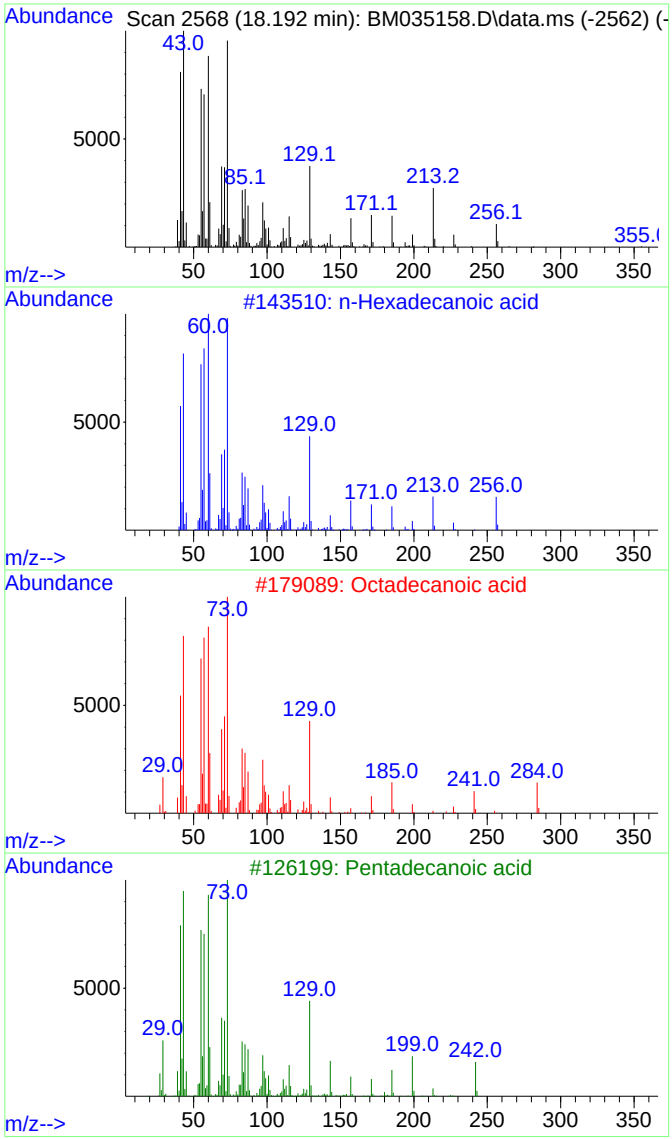
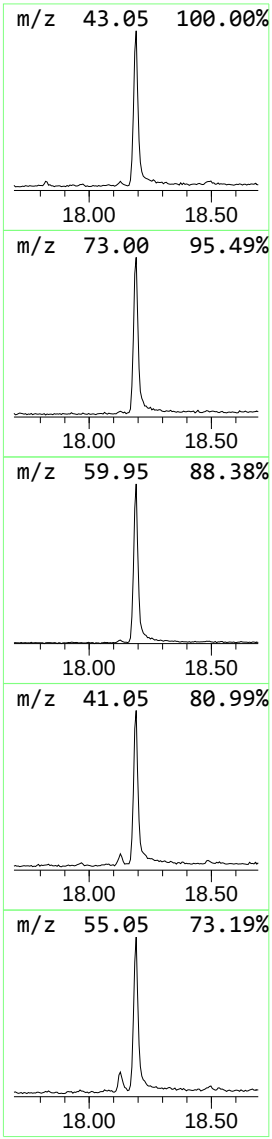
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	8.57 ng	701285	Phenanthrene-d10	17.286

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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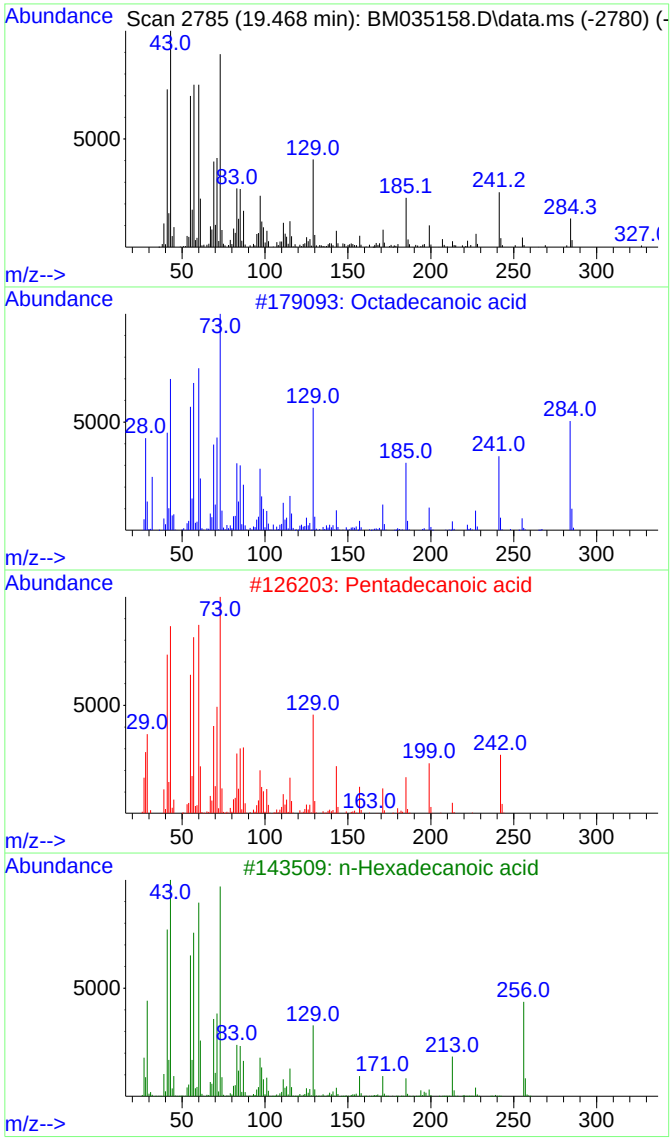
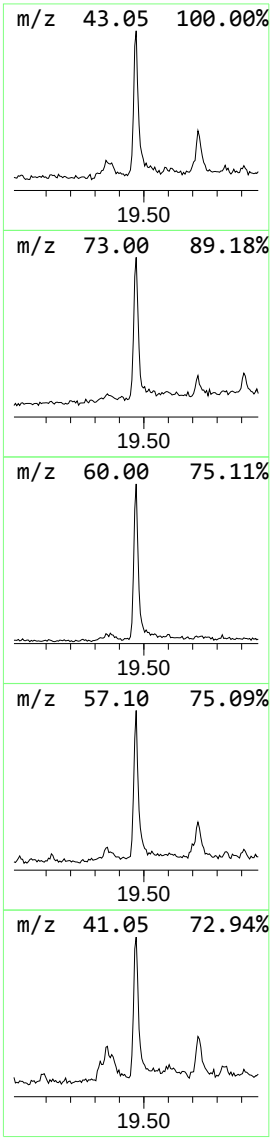
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	3.48 ng	332653	Chrysene-d12	21.468

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-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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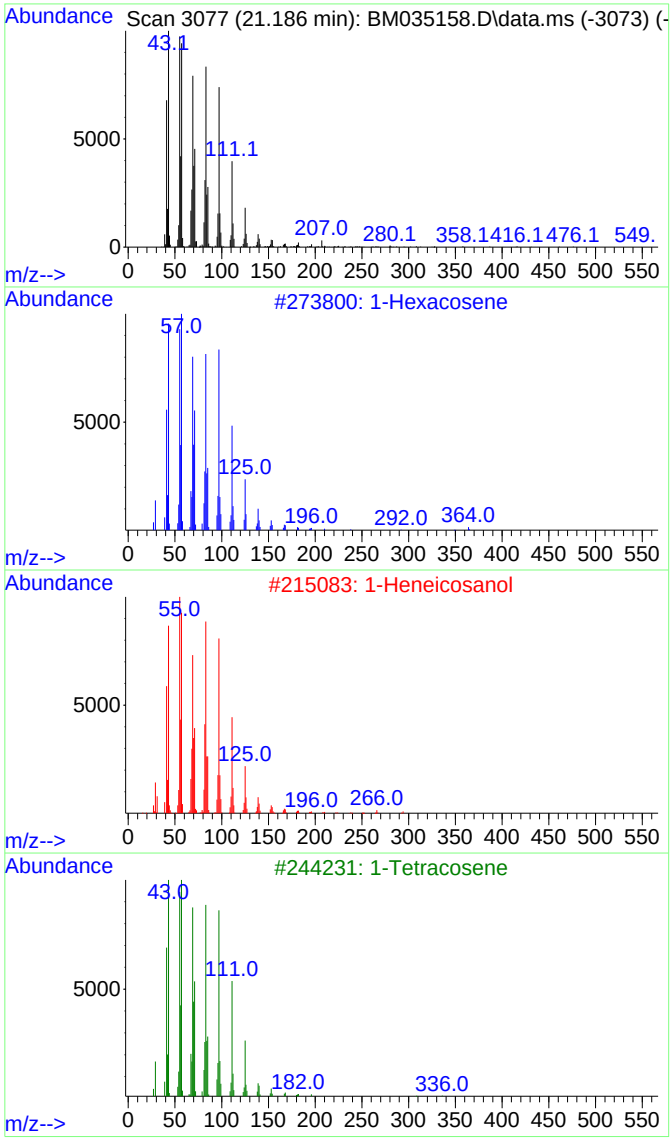
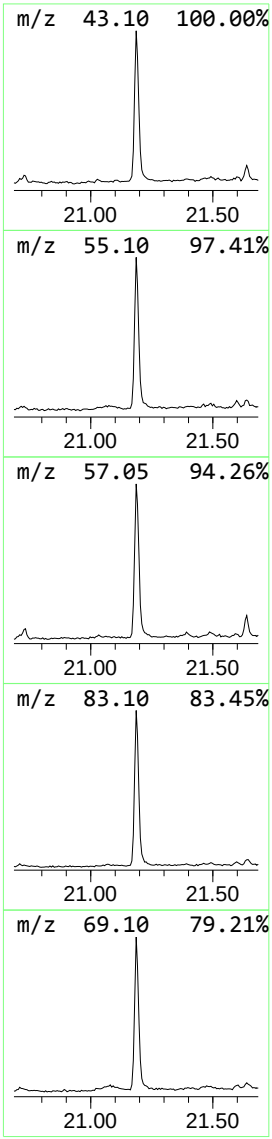
Peak Number 3 1-Hexacosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	9.12 ng	871949	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	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 ...	18.192	8.6	ng	701285	4	17.286	1636850	20.0
Octadecanoic acid	19.468	3.5	ng	332653	5	21.468	1913150	20.0
1-Hexacosene	21.186	9.1	ng	871949	5	21.468	1913150	20.0