LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
Data File : BM035200.D
Acq On : 23 May 2022 18:47
Operator : CG/JU
Sample : N2873-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P032-SS001-1218-01

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: BM035200.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	423	rBV	2224815	3179939	46.67%	8.655%
2	7.075	670	678	693	rBV	2025763	3255087	47.77%	8.859%
3	7.904	812	819	826	rBV	501400	812696	11.93%	2.212%
4	9.057	1007	1015	1025	rBV	1238916	2109075	30.95%	5.740%
5	10.704	1288	1295	1307	rBV	609989	1039347	15.25%	2.829%
6	13.163	1706	1713	1722	rBV	3219842	4590368	67.37%	12.493%
7	14.539	1937	1947	1964	rBV	898287	1331288	19.54%	3.623%
8	16.027	2193	2200	2211	rBV	2535378	3685770	54.10%	10.031%
9	17.280	2406	2413	2426	rBV	1103370	1534645	22.52%	4.177%
10	18.186	2562	2567	2589	rBV	775105	1257576	18.46%	3.423%
11	19.468	2779	2785	2804	rBV	1612870	2557533	37.54%	6.961%
12	19.909	2854	2860	2867	rBV	5506778	6813450	100.00%	18.544%
13	20.227	2911	2914	2919	rVB2	73320	78644	1.15%	0.214%
14	21.186	3073	3077	3086	rBV	434699	572611	8.40%	1.558%
15	21.462	3119	3124	3130	rBV	1549375	1900378	27.89%	5.172%
16	23.844	3523	3529	3539	rVB2	979367	2024203	29.71%	5.509%

Sum of corrected areas: 36742610

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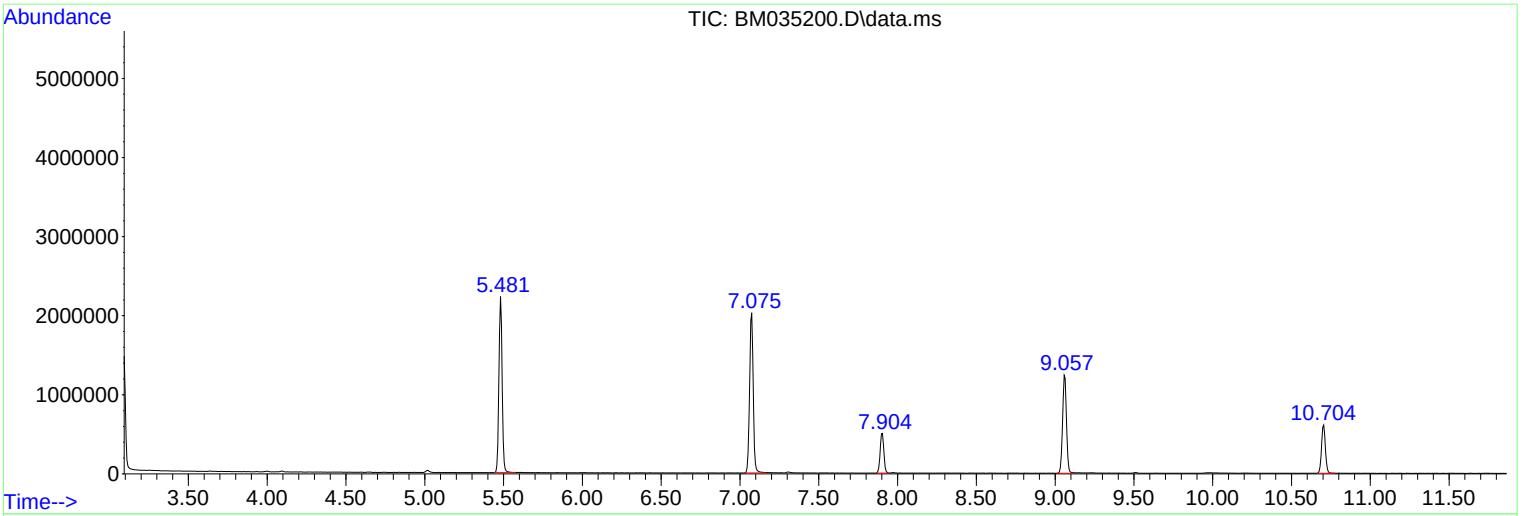
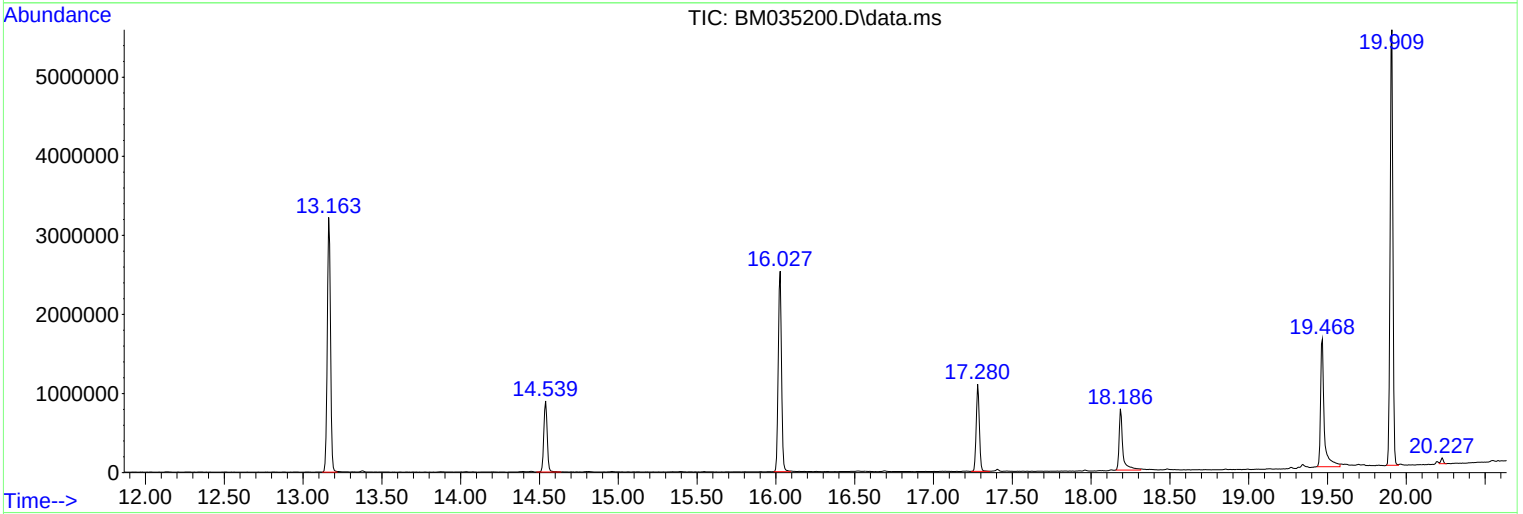
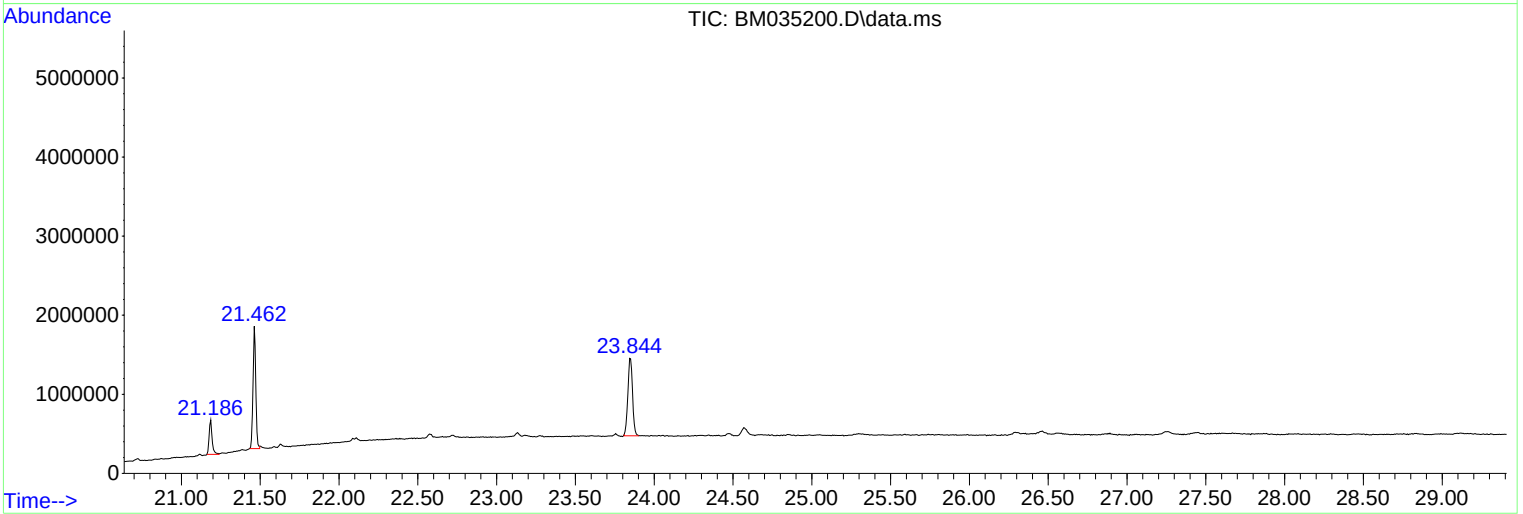
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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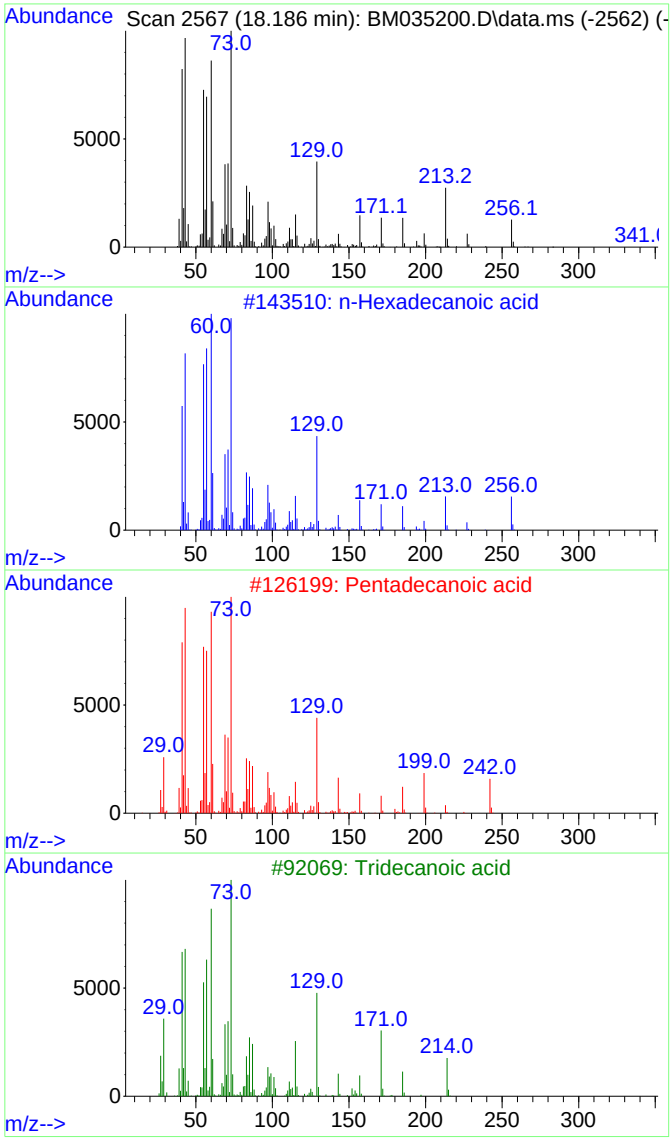
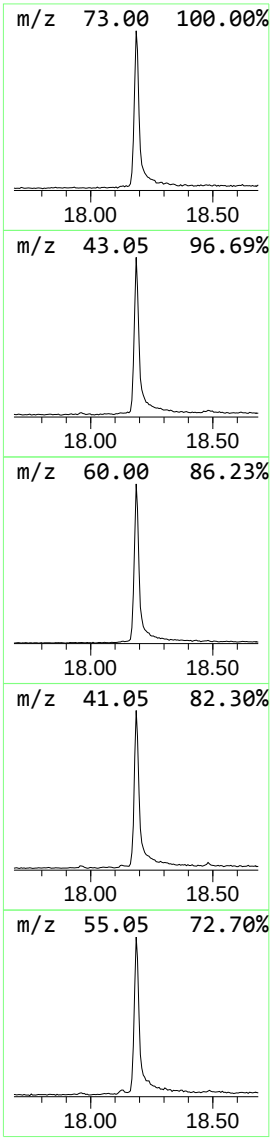
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	16.39 ng	1257580	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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TIC Library : C:\Database\NIST20.L
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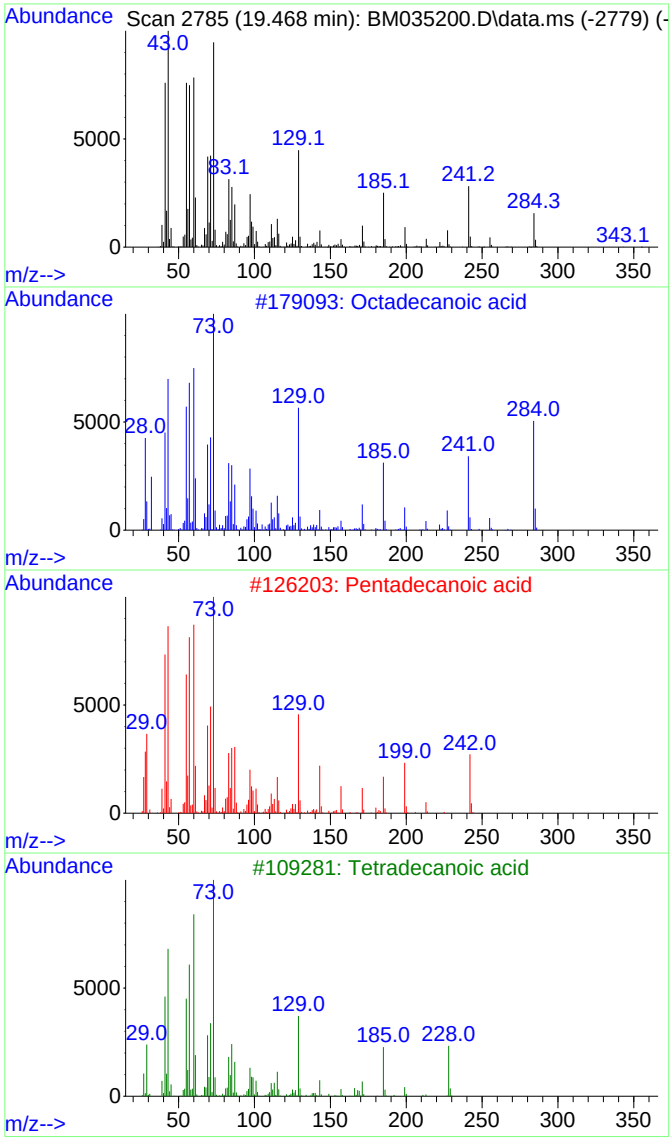
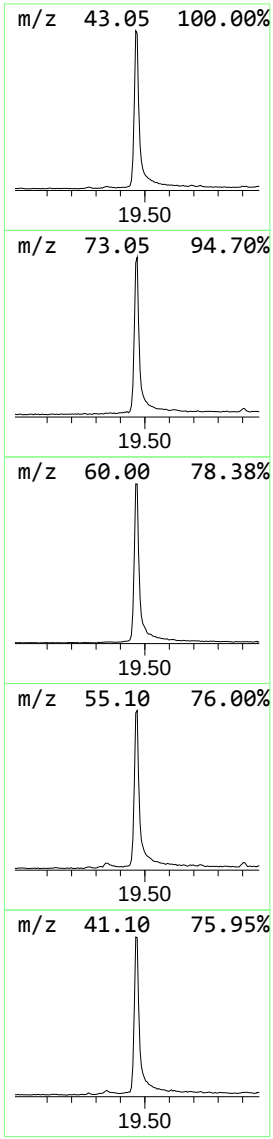
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	26.92 ng	2557530	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	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





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Instrument :
BNA_M
ClientSampleId :
P032-SS001-1218-01

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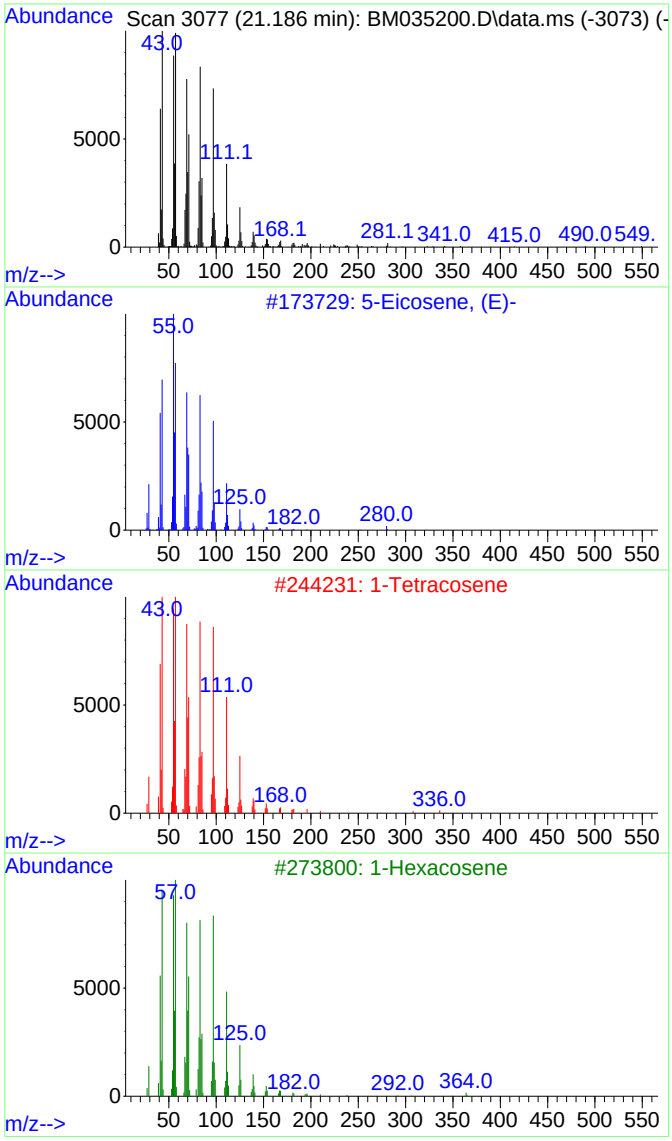
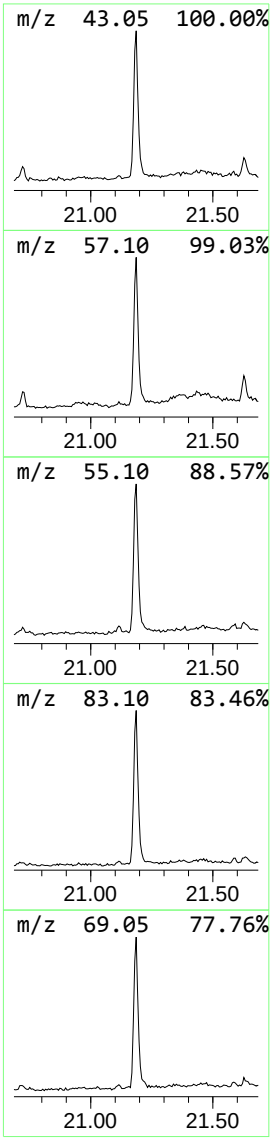
Peak Number 3 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	6.03 ng	572611	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Tetracosene	336	C24H48	010192-32-2	95
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
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P032-SS001-1218-01

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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	16.4	ng	1257580	4	17.280	1534650	20.0
Octadecanoic acid	19.468	26.9	ng	2557530	5	21.462	1900380	20.0
5-Eicosene, (E)-	21.186	6.0	ng	572611	5	21.462	1900380	20.0