LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034059.D
Acq On : 23 Feb 2022 19:05
Operator : CG/JU
Sample : N1633-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220117-COMPOSITE-C

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-BM022222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034059.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.566	389	396	407	rBV	5211795	7448593	58.74%	10.917%
2	7.172	658	669	685	rBV	4859142	7725493	60.92%	11.323%
3	8.019	803	813	820	rBV	846311	1334037	10.52%	1.955%
4	9.178	1003	1010	1019	rBV	2929513	4901495	38.65%	7.184%
5	10.830	1284	1291	1299	rBV	1001815	1721564	13.58%	2.523%
6	13.283	1701	1708	1716	rBV	8147643	11535475	90.96%	16.907%
7	14.654	1933	1941	1950	rBV	1464558	2210404	17.43%	3.240%
8	16.130	2185	2192	2210	rBV	5765655	8114694	63.99%	11.893%
9	17.389	2400	2406	2412	rBV	1657879	2343534	18.48%	3.435%
10	18.289	2554	2559	2575	rBV	424549	754997	5.95%	1.107%
11	19.565	2771	2776	2796	rBV	1362524	2113930	16.67%	3.098%
12	20.006	2845	2851	2857	rBV	10492385	12681224	100.00%	18.586%
13	21.277	3063	3067	3072	rBV3	264475	369495	2.91%	0.542%
14	21.559	3111	3115	3121	rBV	1721129	2284171	18.01%	3.348%
15	24.024	3528	3534	3546	rVB2	1264402	2691060	21.22%	3.944%

Sum of corrected areas: 68230166

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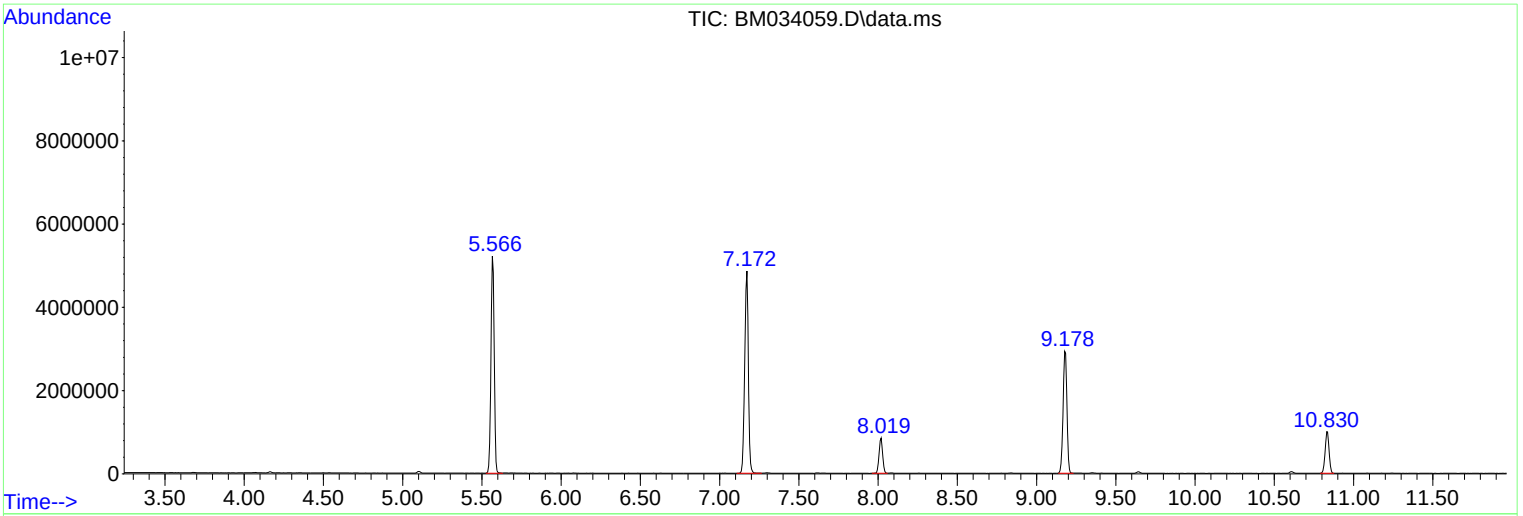
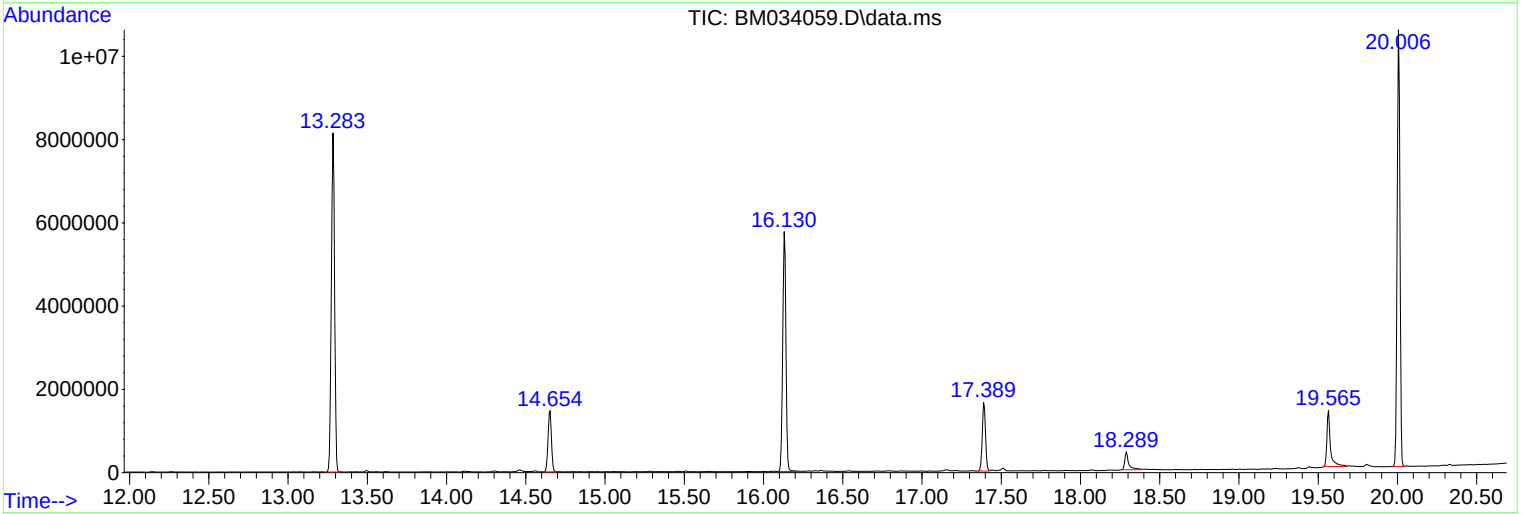
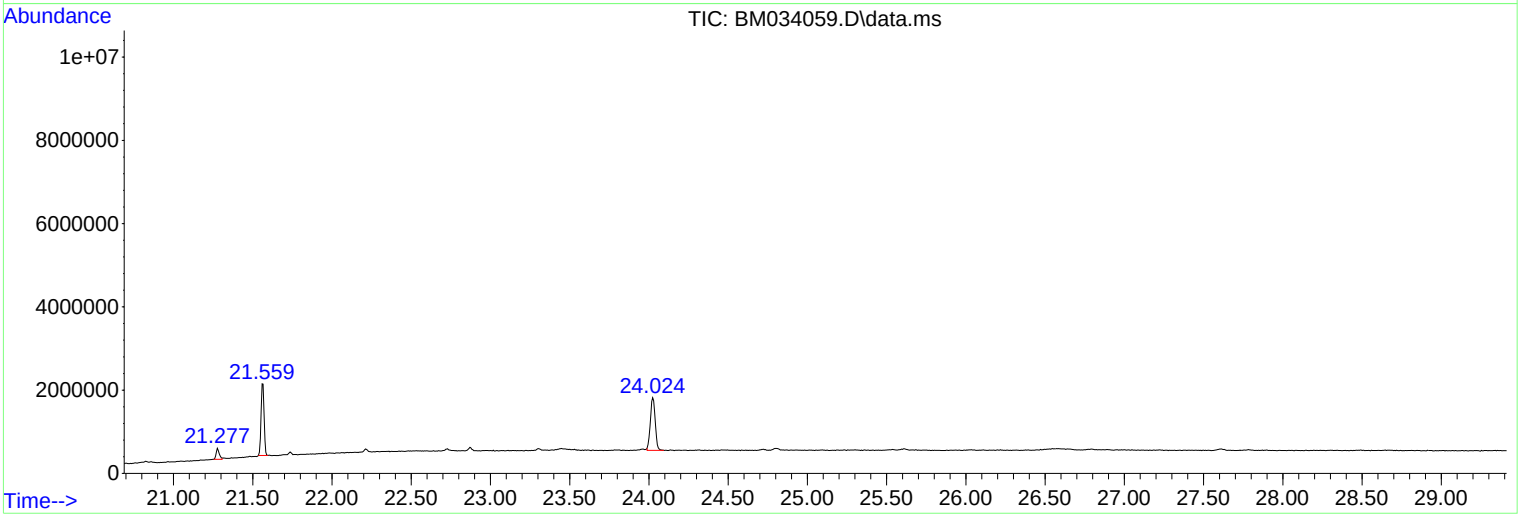
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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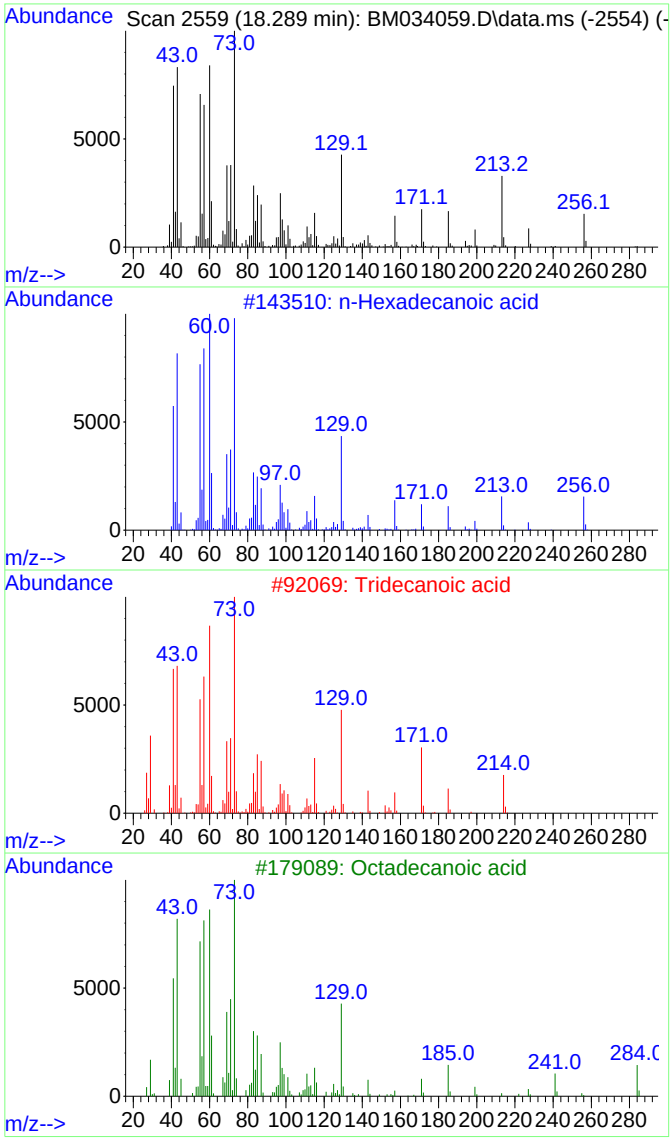
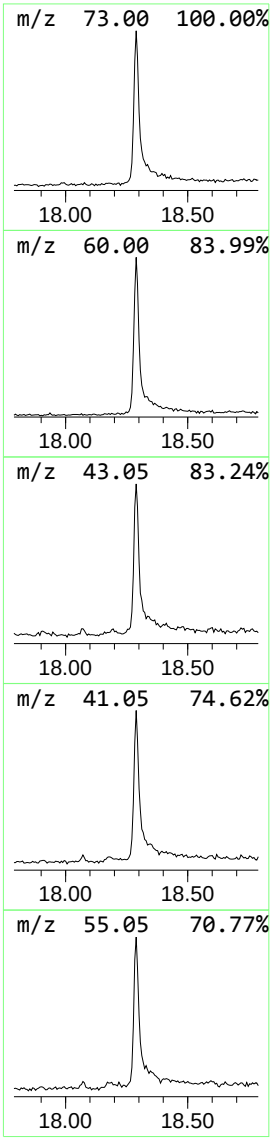
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.289	6.44 ng	754997	Phenanthrene-d10	17.389

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	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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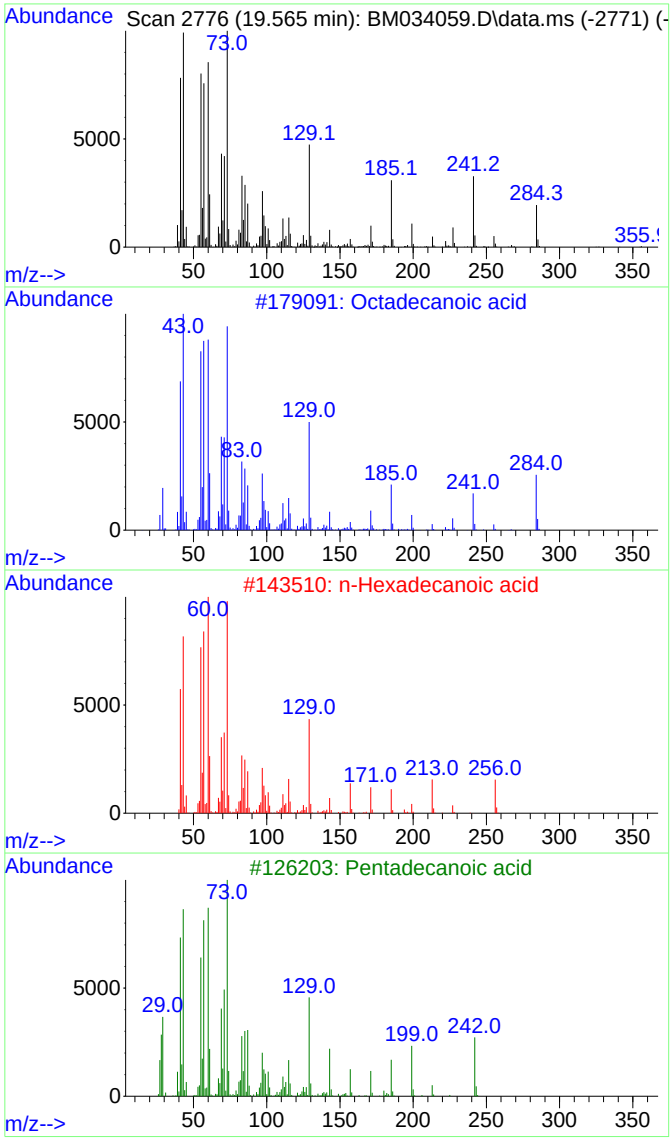
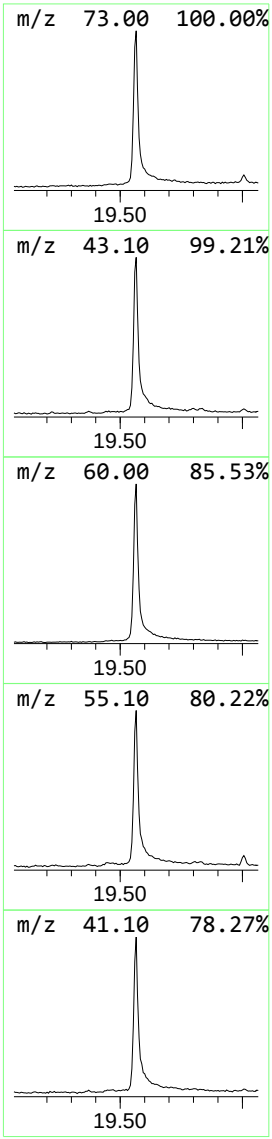
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.565	18.51 ng	2113930	Chrysene-d12	21.565

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





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BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
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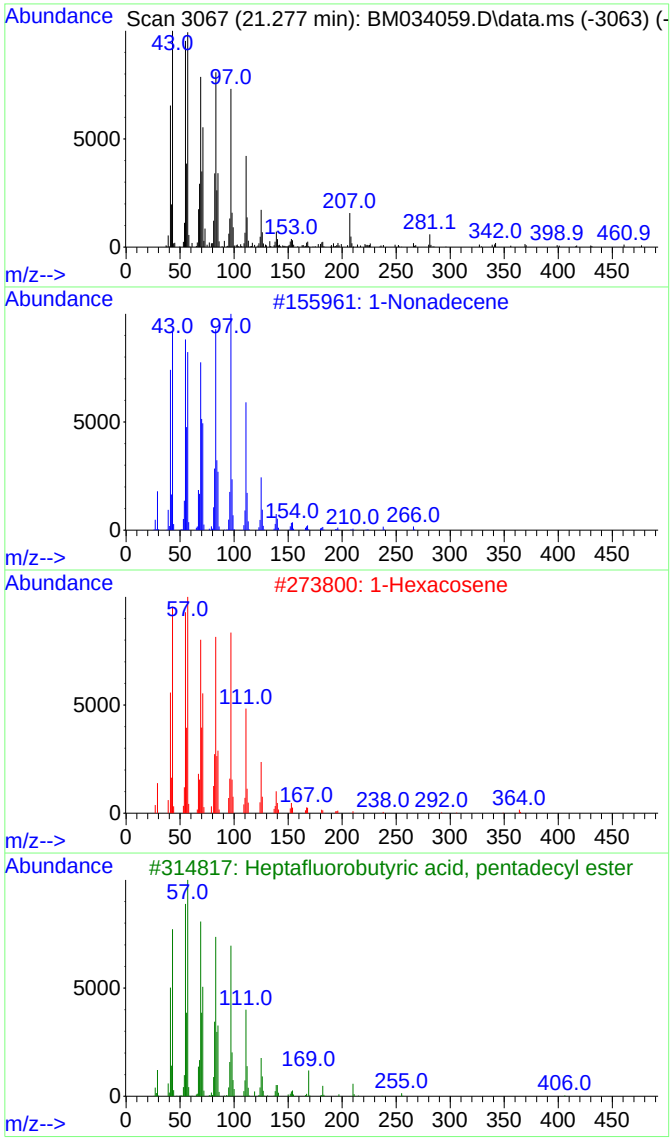
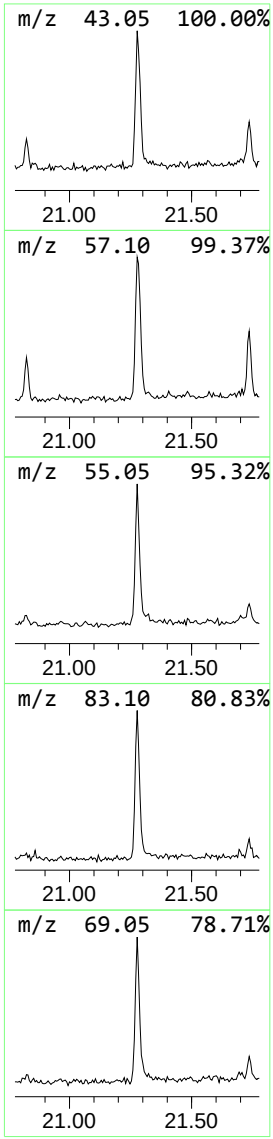
Peak Number 3 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.277	3.24 ng	369495	Chrysene-d12	21.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.289	6.4	ng	754997	4	17.389	2343530	20.0
Octadecanoic acid	19.565	18.5	ng	2113930	5	21.565	2284170	20.0
1-Nonadecene	21.277	3.2	ng	369495	5	21.565	2284170	20.0