LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034058.D
Acq On : 23 Feb 2022 18:28
Operator : CG/JU
Sample : N1633-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220099-MR-2-(DISCRETE)

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: BM034058.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	403	rBV	2651415	3707099	53.62%	8.231%
2	7.166	659	668	678	rBV	2504786	3874193	56.04%	8.602%
3	8.019	805	813	820	rBV	763920	1212122	17.53%	2.691%
4	8.772	936	941	947	rBV	70379	116216	1.68%	0.258%
5	9.178	1002	1010	1020	rBV	1525830	2476846	35.83%	5.500%
6	10.831	1284	1291	1299	rBV	910977	1581785	22.88%	3.512%
7	13.283	1701	1708	1715	rBV	3940040	5526512	79.94%	12.271%
8	14.466	1900	1909	1919	rBV	51274	120673	1.75%	0.268%
9	14.654	1934	1941	1953	rVB	1377081	2046149	29.60%	4.543%
10	16.130	2185	2192	2200	rBV	3221354	4442755	64.27%	9.865%
11	17.389	2400	2406	2413	rBV	1548366	2279521	32.97%	5.061%
12	17.512	2423	2427	2432	rVB2	78774	104521	1.51%	0.232%
13	18.289	2554	2559	2578	rBV	739461	1361761	19.70%	3.024%
14	19.448	2753	2756	2763	rBV7	33984	80173	1.16%	0.178%
15	19.565	2771	2776	2798	rBV	2337662	3557727	51.46%	7.900%
16	20.006	2846	2851	2857	rVB	5986293	6913170	100.00%	15.350%
17	21.277	3064	3067	3073	rBV5	157343	223528	3.23%	0.496%
18	21.565	3111	3116	3121	rBV	1943779	2499114	36.15%	5.549%
19	24.024	3528	3534	3550	rVB2	1322510	2912848	42.13%	6.468%

Sum of corrected areas: 45036713

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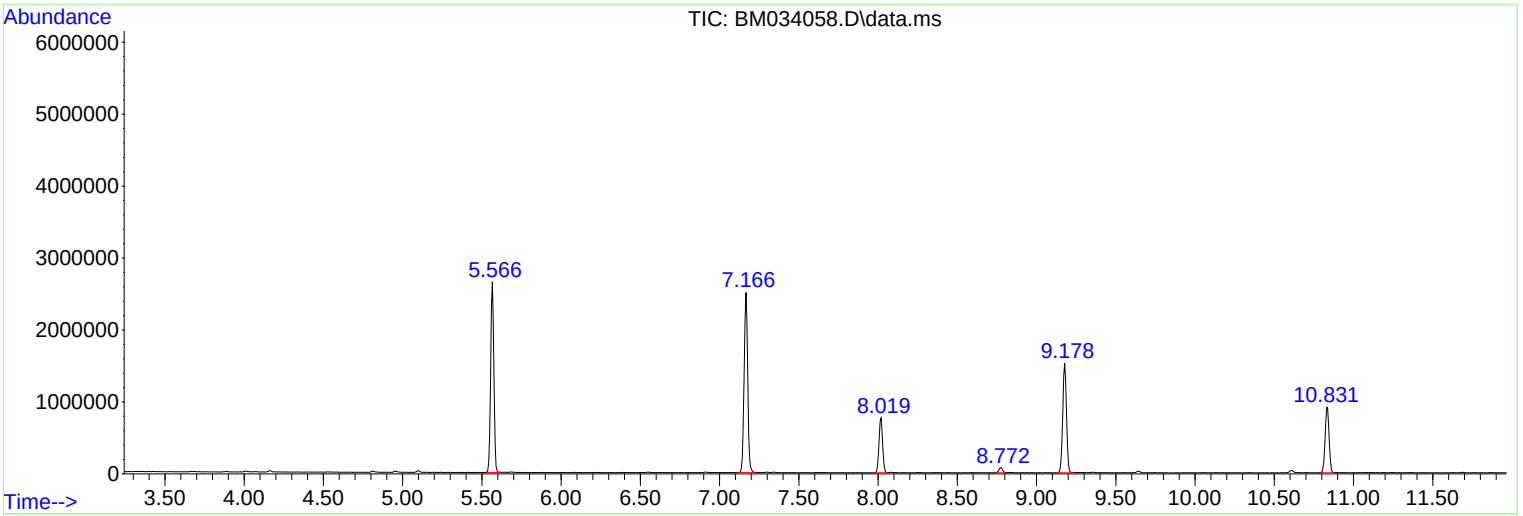
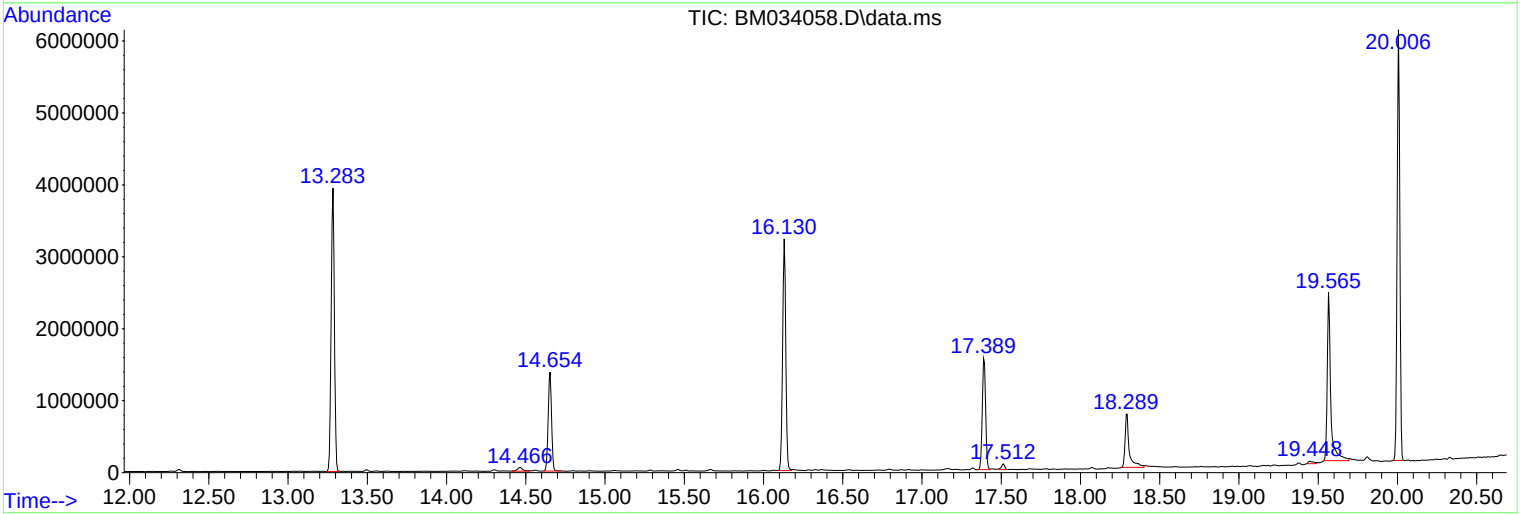
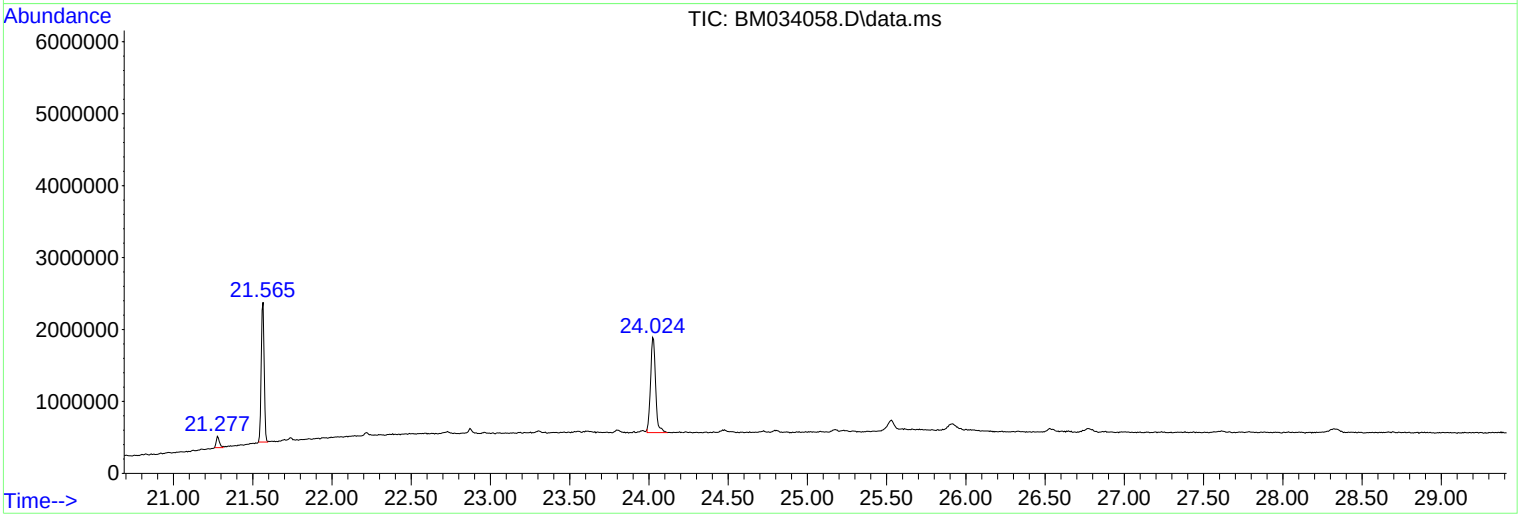
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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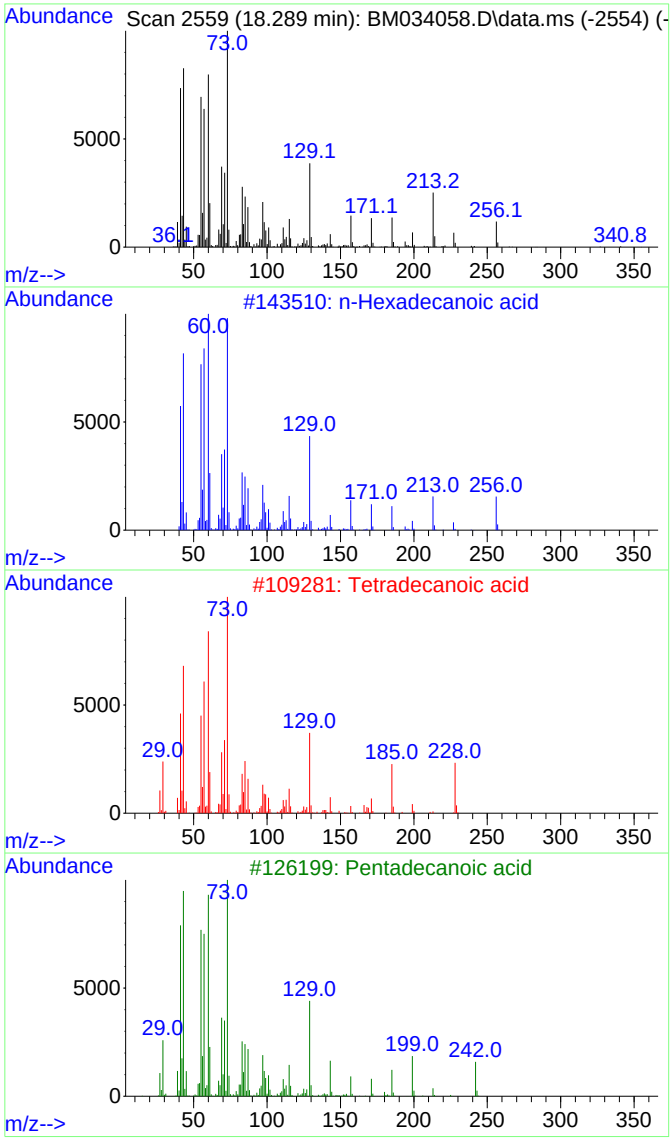
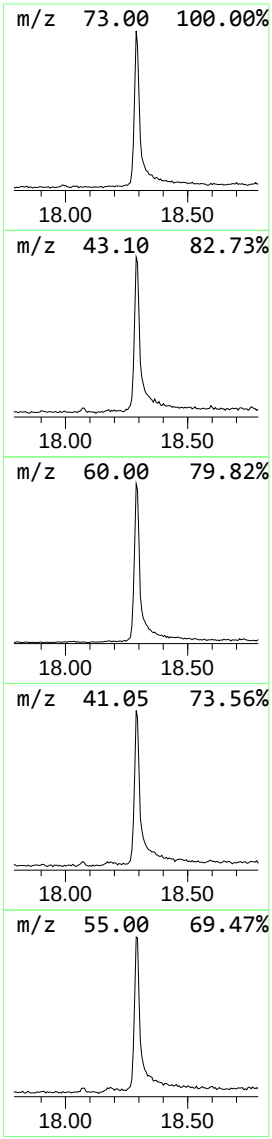
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.289	11.95 ng	1361760	Phenanthrene-d10	17.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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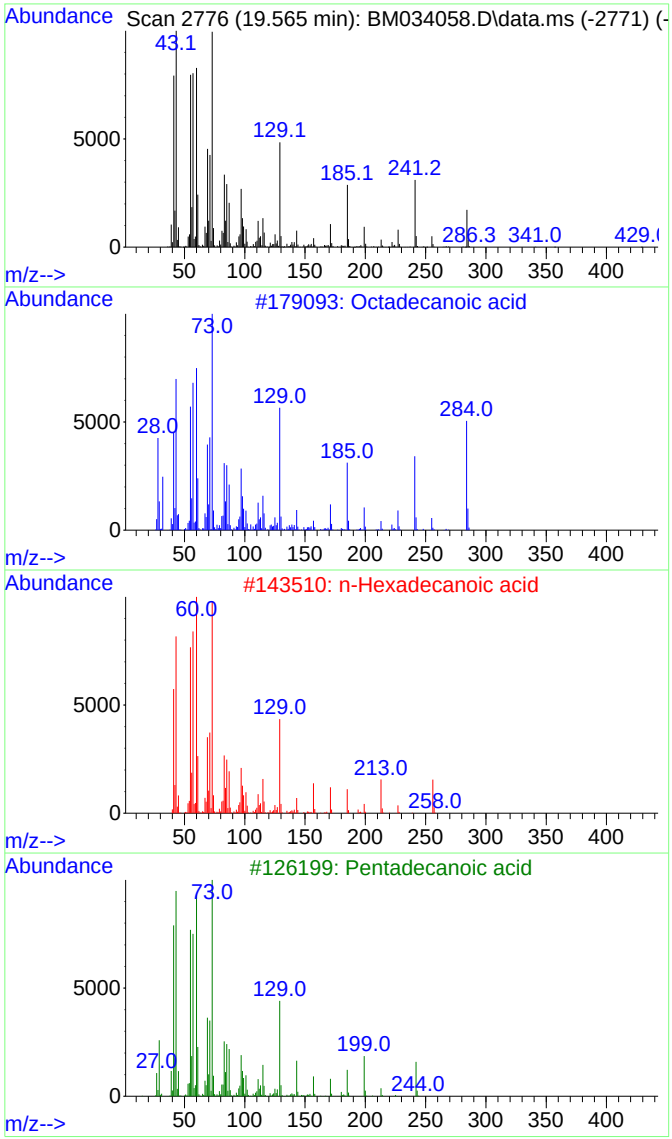
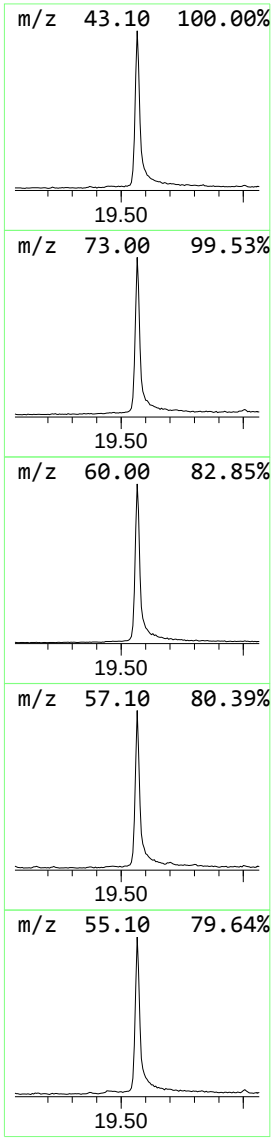
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.565	28.47 ng	3557730	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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Tentatively Identified Compound (LSC) summary

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BNA_M
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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 ...	18.289	11.9	ng	1361760	4	17.389	2279520	20.0
Octadecanoic acid	19.565	28.5	ng	3557730	5	21.565	2499110	20.0