LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034056.D
Acq On : 23 Feb 2022 17:15
Operator : CG/JU
Sample : N1602-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SPLP-LEACHATE-AMENDED-6-COMP

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: BM034056.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	388	396	408	rBV	2494007	3483646	22.35%	4.993%
2	7.166	660	668	678	rVB	1690046	2651631	17.01%	3.801%
3	8.019	805	813	819	rBV	791594	1226337	7.87%	1.758%
4	9.178	1002	1010	1019	rBV	2833781	4743676	30.43%	6.799%
5	10.836	1284	1292	1300	rBV	947117	1613701	10.35%	2.313%
6	13.283	1701	1708	1716	rBV	8343049	11908230	76.40%	17.069%
7	13.566	1750	1756	1762	rBV	110526	169078	1.08%	0.242%
8	14.654	1934	1941	1947	rBV	1406627	2075926	13.32%	2.976%
9	16.130	2186	2192	2212	rBV	6178238	8982257	57.63%	12.875%
10	17.395	2400	2407	2416	rBV	1555901	2276789	14.61%	3.263%
11	18.295	2552	2560	2569	rBV	1654977	2566564	16.47%	3.679%
12	19.447	2752	2756	2766	rBV	64476	183331	1.18%	0.263%
13	19.571	2770	2777	2799	rVV	4531462	6875925	44.11%	9.856%
14	20.012	2846	2852	2857	rBV	12235300	15587052	100.00%	22.342%
15	21.277	3064	3067	3073	rBV	233262	284825	1.83%	0.408%
16	21.565	3111	3116	3122	rVB	1816928	2409201	15.46%	3.453%
17	24.024	3528	3534	3543	rVB2	1334900	2728522	17.51%	3.911%

Sum of corrected areas: 69766691

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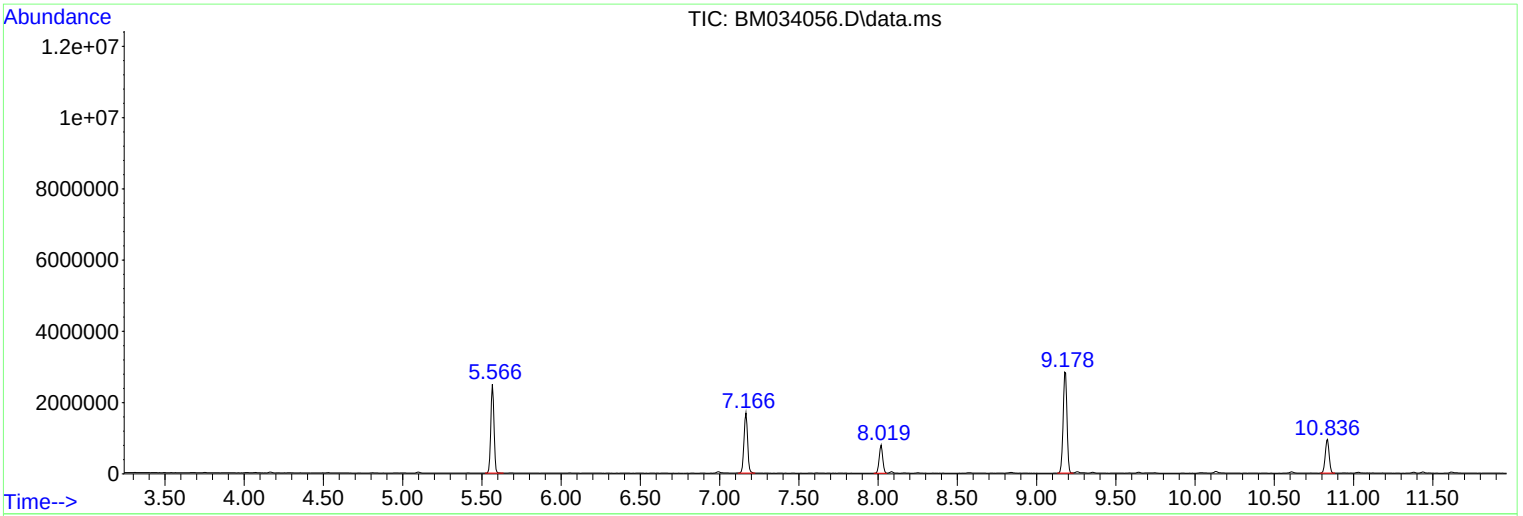
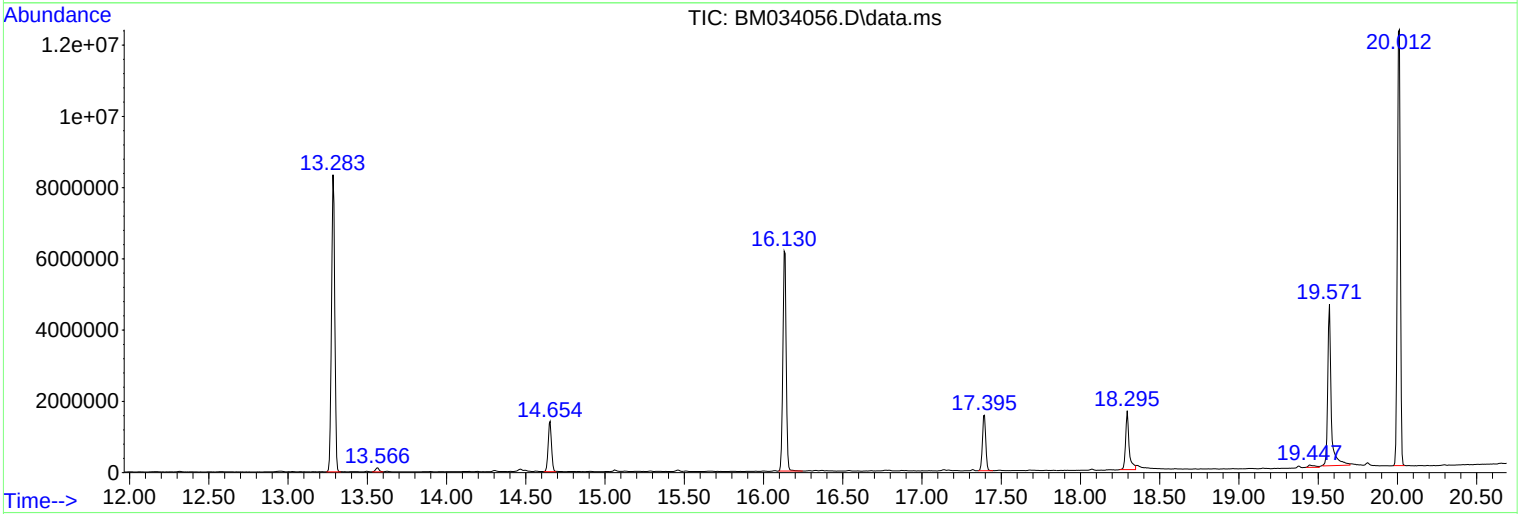
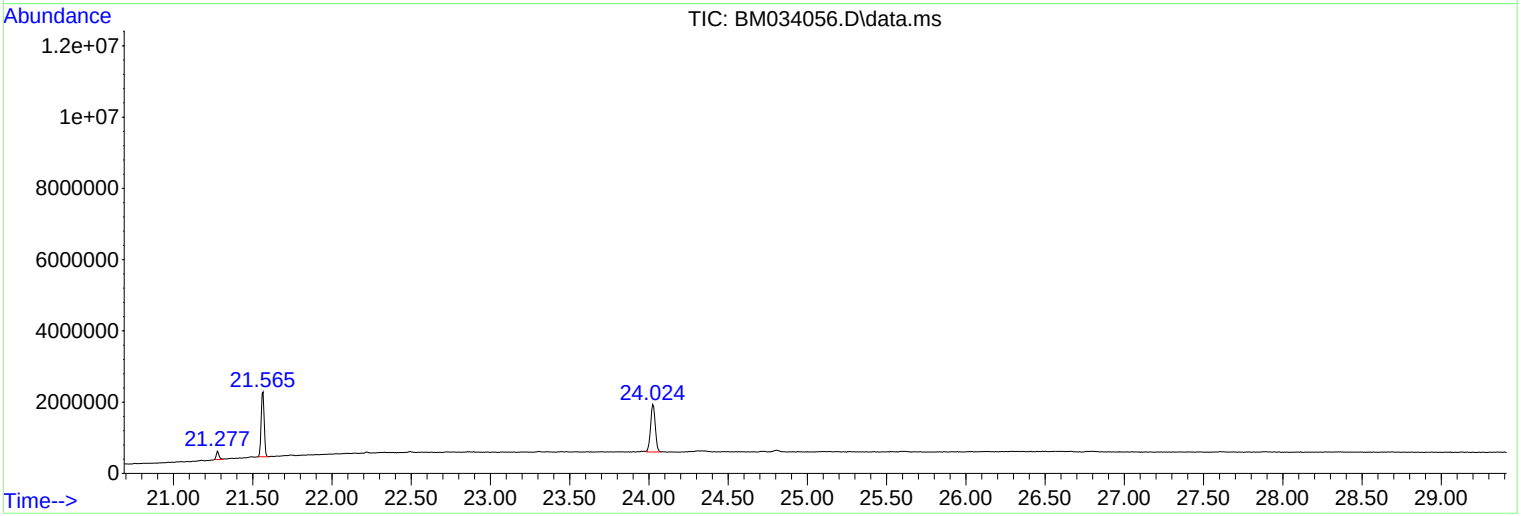
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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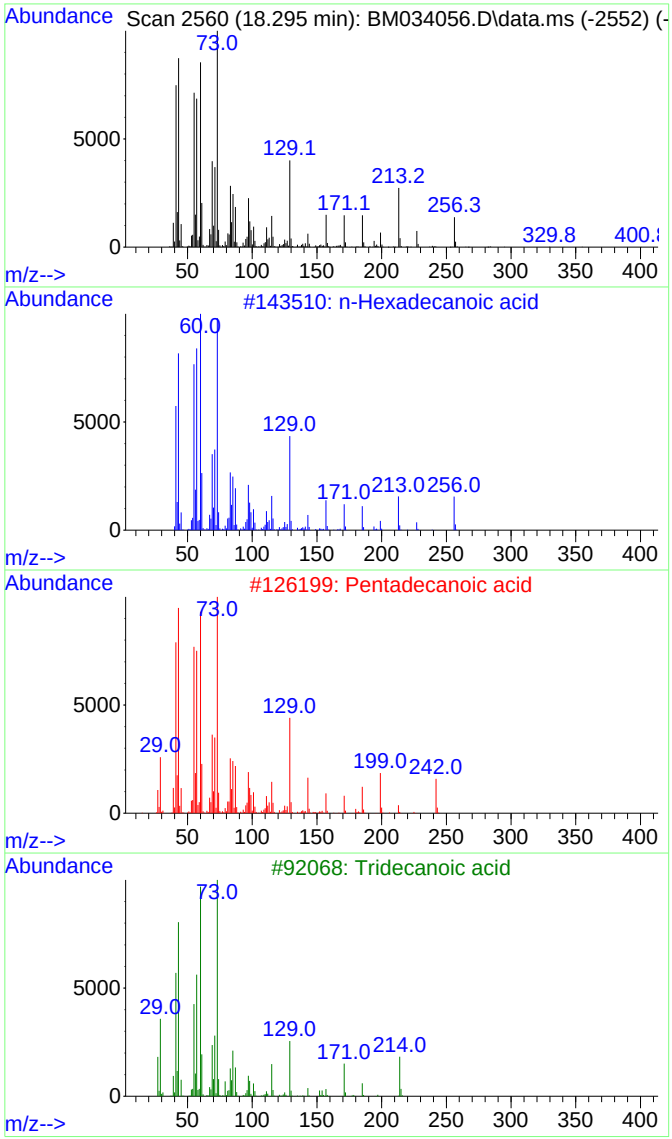
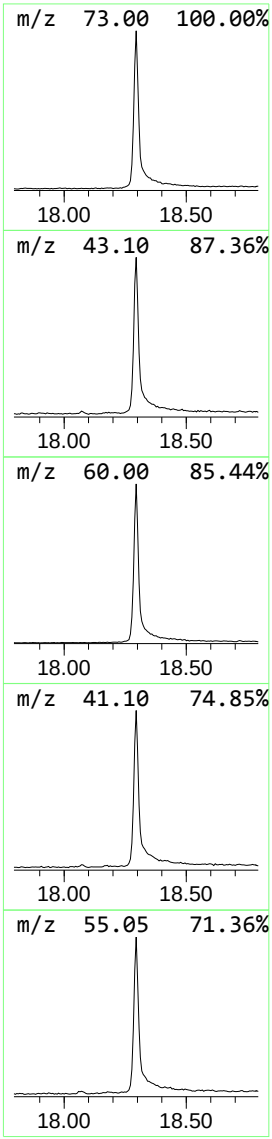
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	22.55 ng	2566560	Phenanthrene-d10	17.395

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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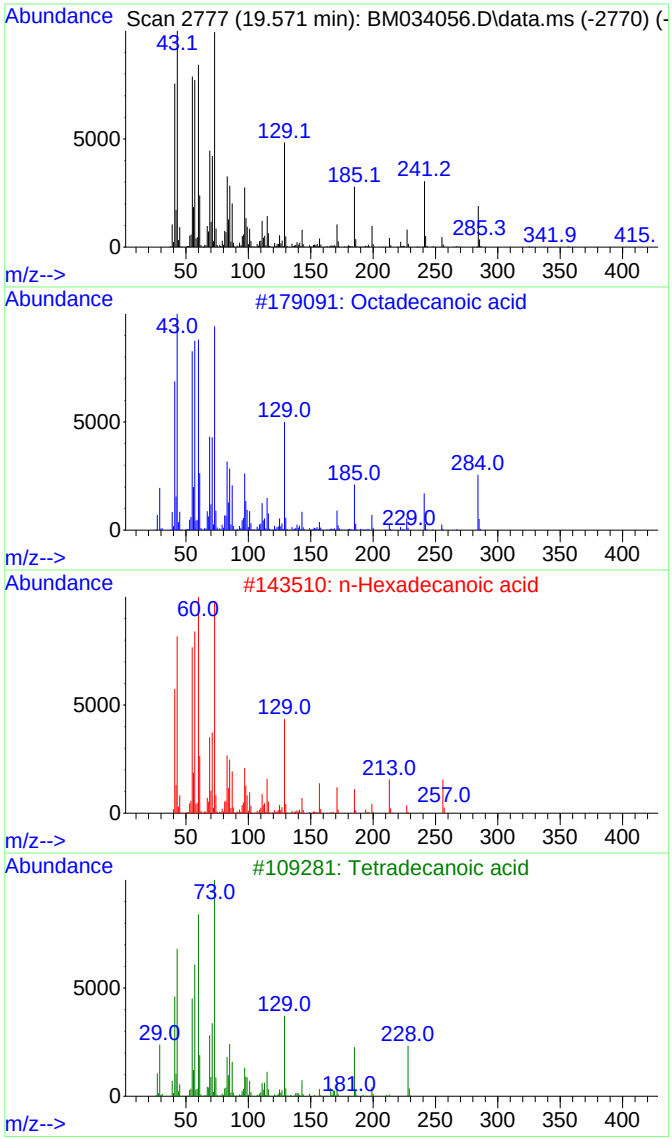
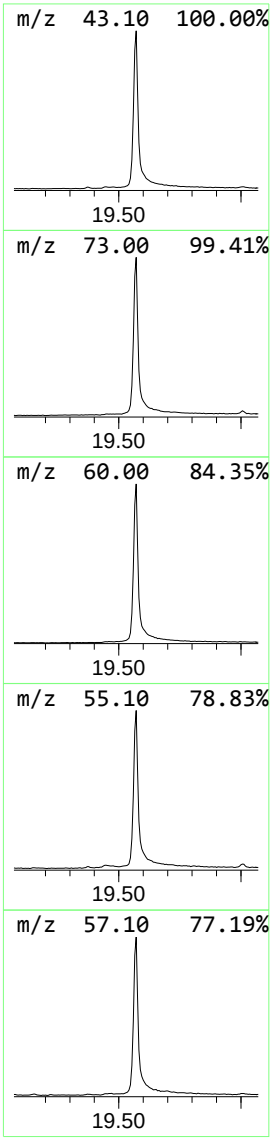
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.571	57.08 ng	6875930	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	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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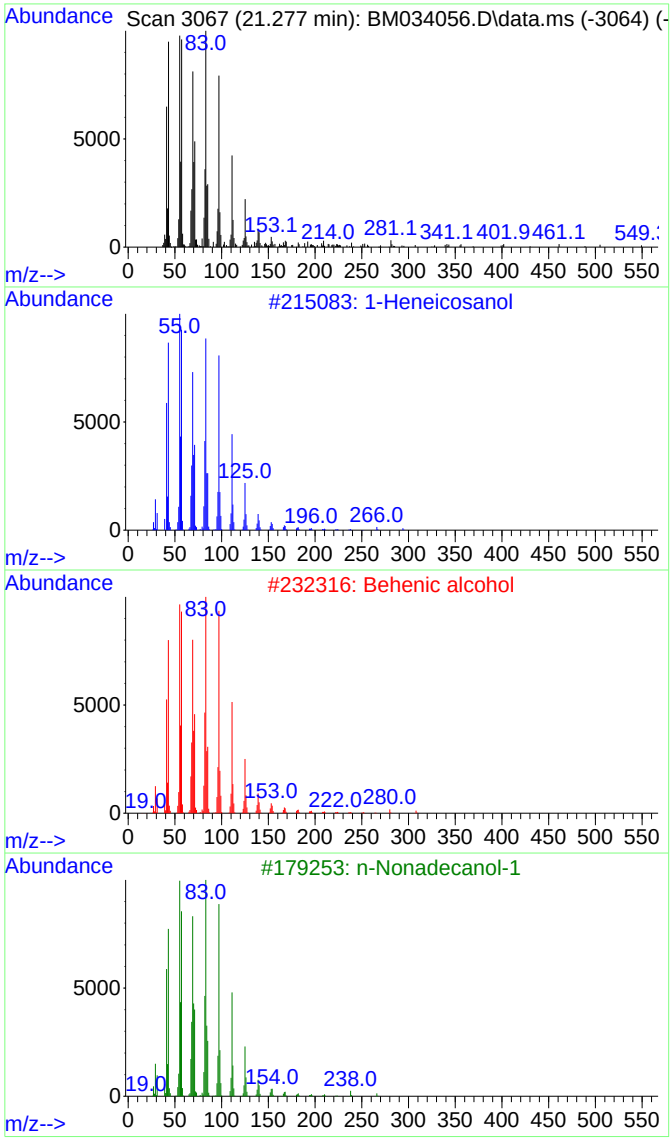
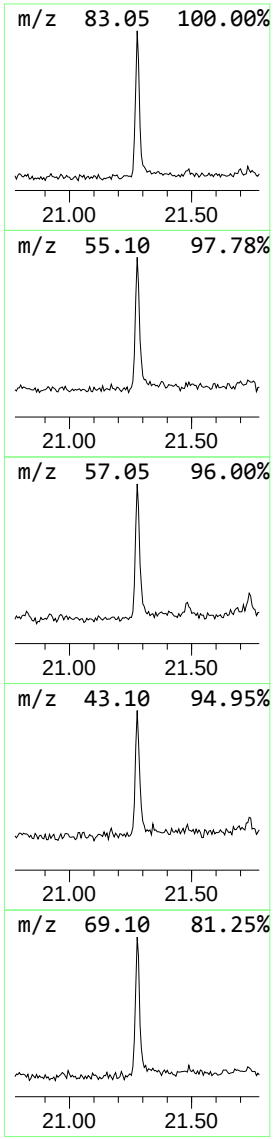
Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.277	2.36 ng	284825	Chrysene-d12	21.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	1-Hexacosene	364	C26H52	018835-33-1	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 ...	18.295	22.6	ng	2566560	4	17.395	2276790	20.0
Octadecanoic acid	19.571	57.1	ng	6875930	5	21.565	2409200	20.0
1-Heneicosanol	21.277	2.4	ng	284825	5	21.565	2409200	20.0