LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030351.D
Acq On : 09 Jun 2021 20:36
Operator : CG/JU
Sample : M2612-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(82-86)

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-BM060921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM030351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	391	398	414	rBV	4292962	6475463	36.54%	8.561%
2	7.010	659	667	678	rBV	4396373	7100708	40.07%	9.387%
3	7.851	801	810	816	rBV	744559	1220756	6.89%	1.614%
4	9.004	998	1006	1016	rBV	2538874	4154504	23.45%	5.492%
5	10.639	1276	1284	1292	rBV	1045096	1752474	9.89%	2.317%
6	13.098	1694	1702	1712	rBV	6746291	9936055	56.07%	13.136%
7	13.922	1835	1842	1853	rBV	1104990	1563241	8.82%	2.067%
8	14.469	1928	1935	1947	rBV	1731873	2578026	14.55%	3.408%
9	15.957	2180	2188	2202	rBV	6525961	8884072	50.14%	11.745%
10	17.204	2394	2400	2411	rBV	2364834	3274438	18.48%	4.329%
11	18.098	2546	2552	2562	rBV	821120	1269137	7.16%	1.678%
12	19.368	2763	2768	2783	rBV	353276	599331	3.38%	0.792%
13	19.821	2838	2845	2850	rBV	14759882	17719601	100.00%	23.426%
14	21.080	3054	3059	3076	rBV	648989	1354477	7.64%	1.791%
15	21.362	3102	3107	3116	rBV	3156984	4059077	22.91%	5.366%
16	23.644	3489	3495	3504	rVB2	1918292	3700074	20.88%	4.892%

Sum of corrected areas: 75641434

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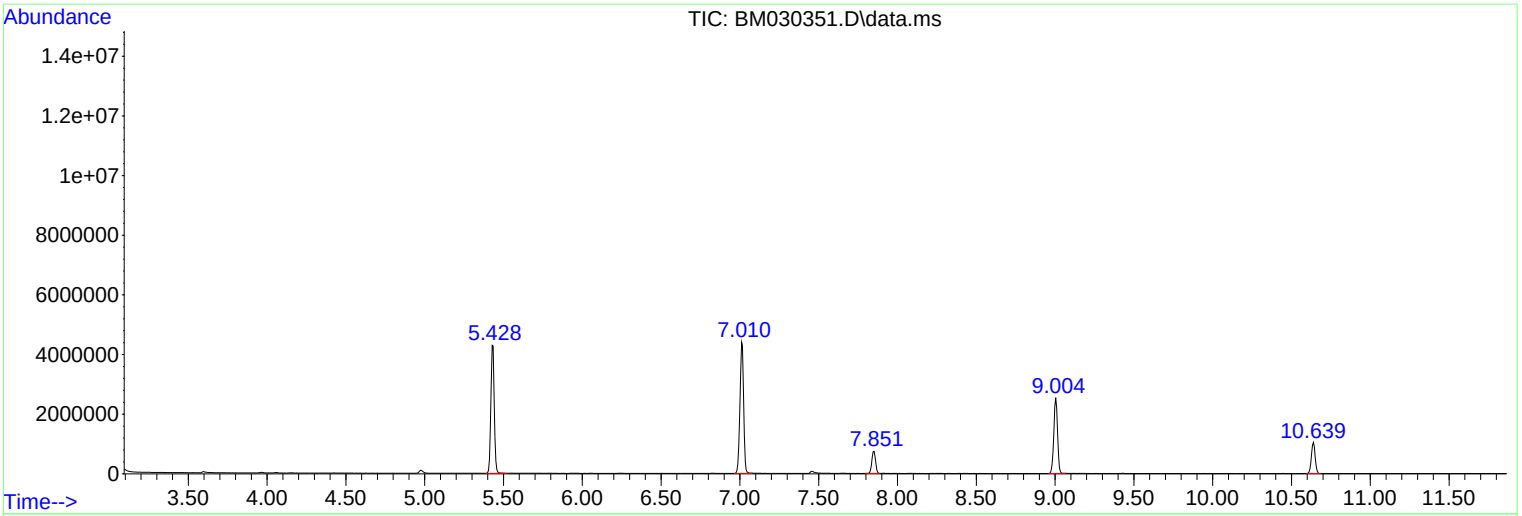
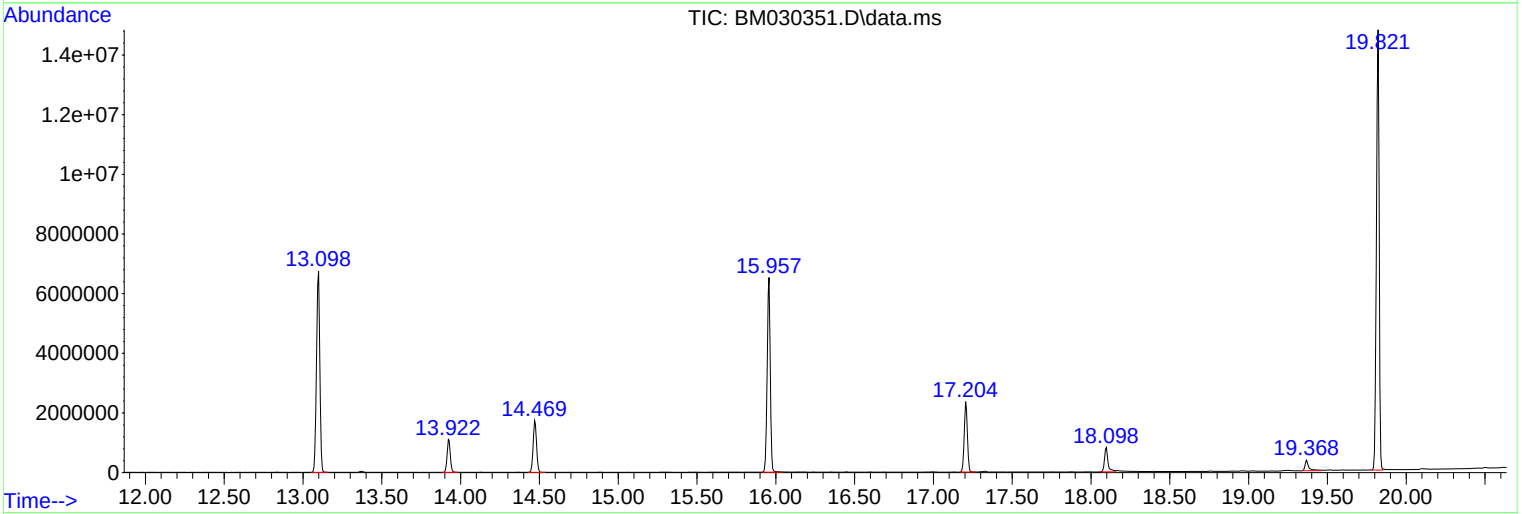
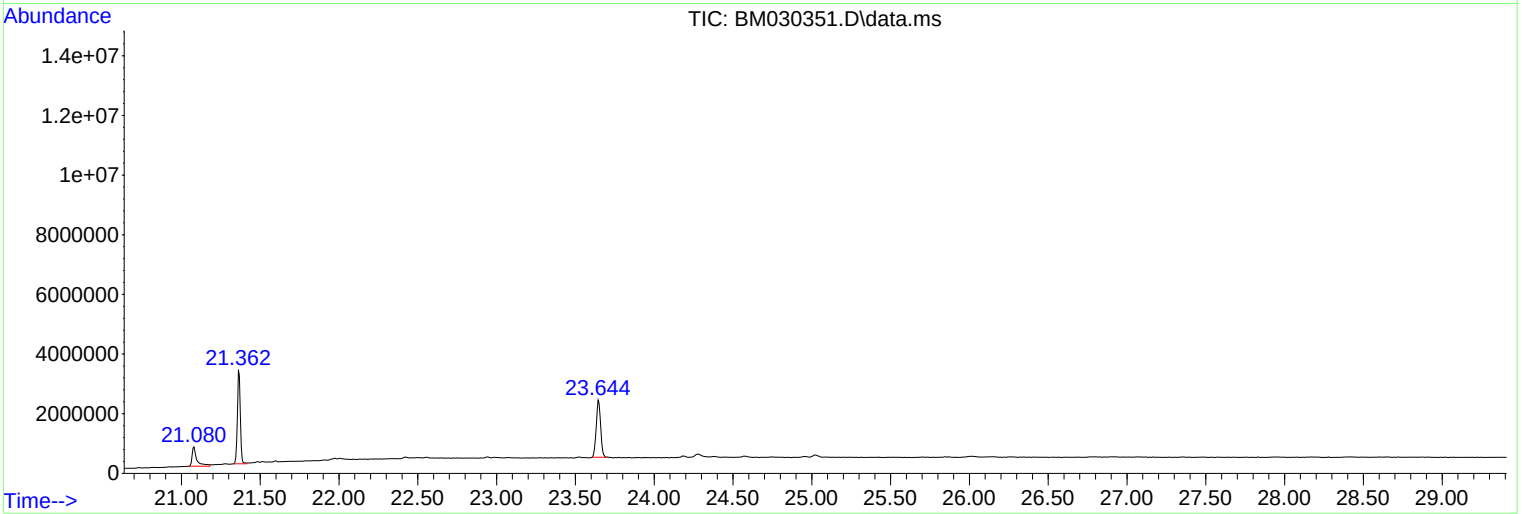
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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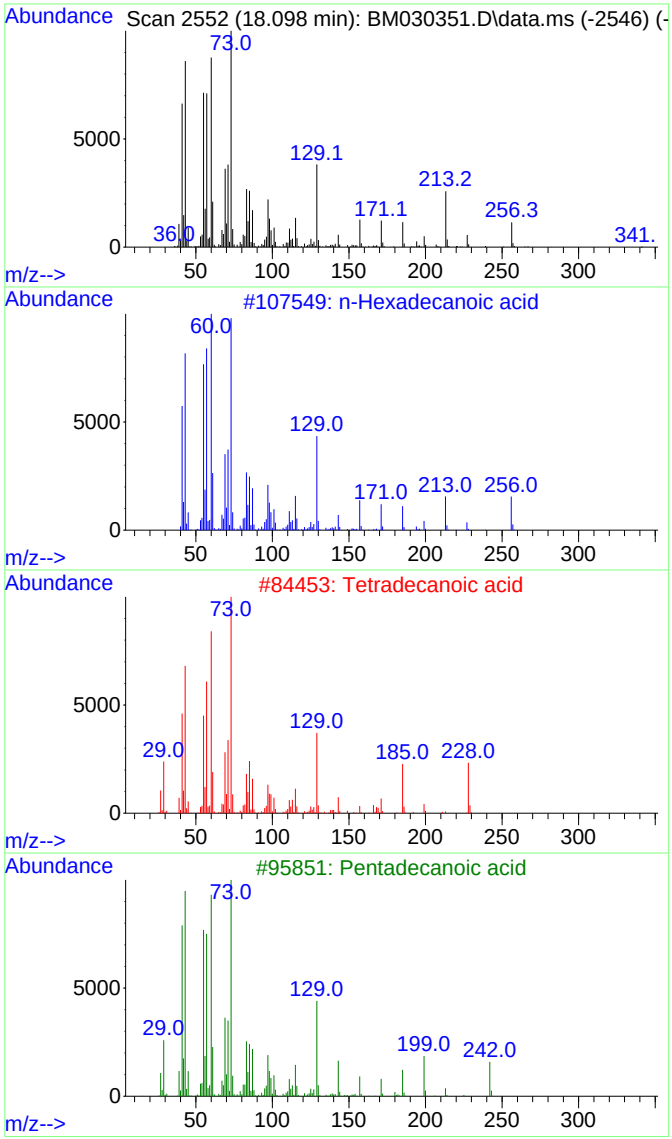
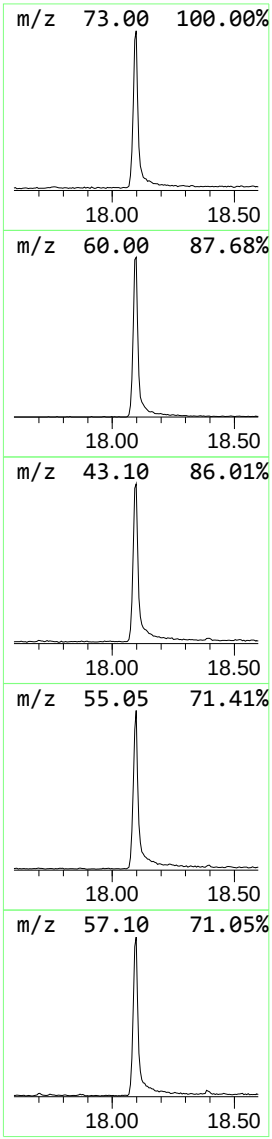
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	7.75 ng	1269140	Phenanthrene-d10	17.204

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	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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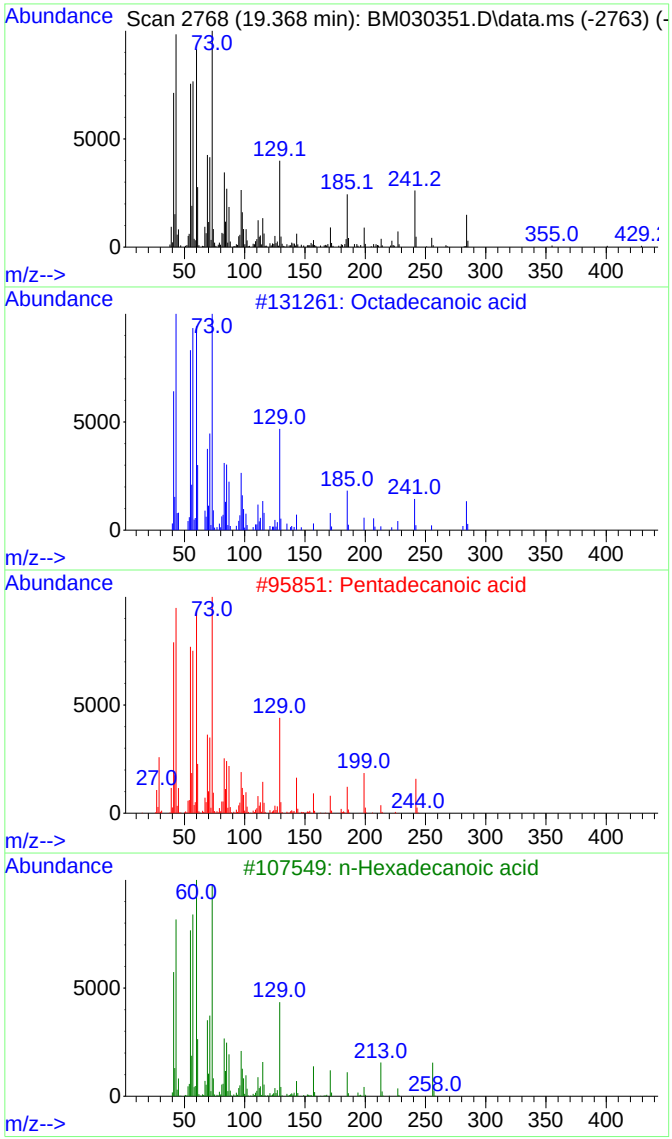
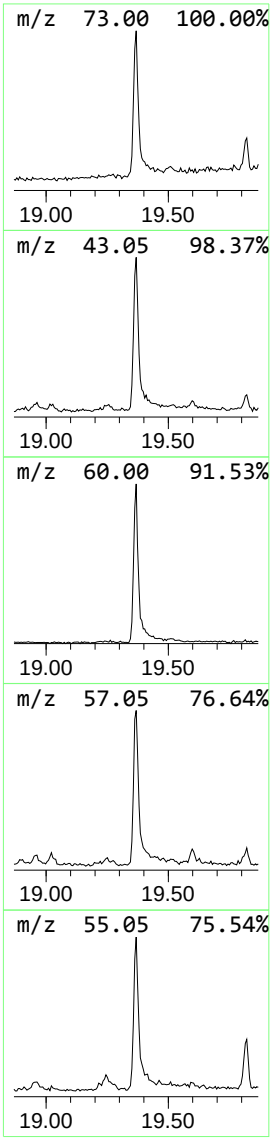
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	2.95 ng	599331	Chrysene-d12	21.362

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	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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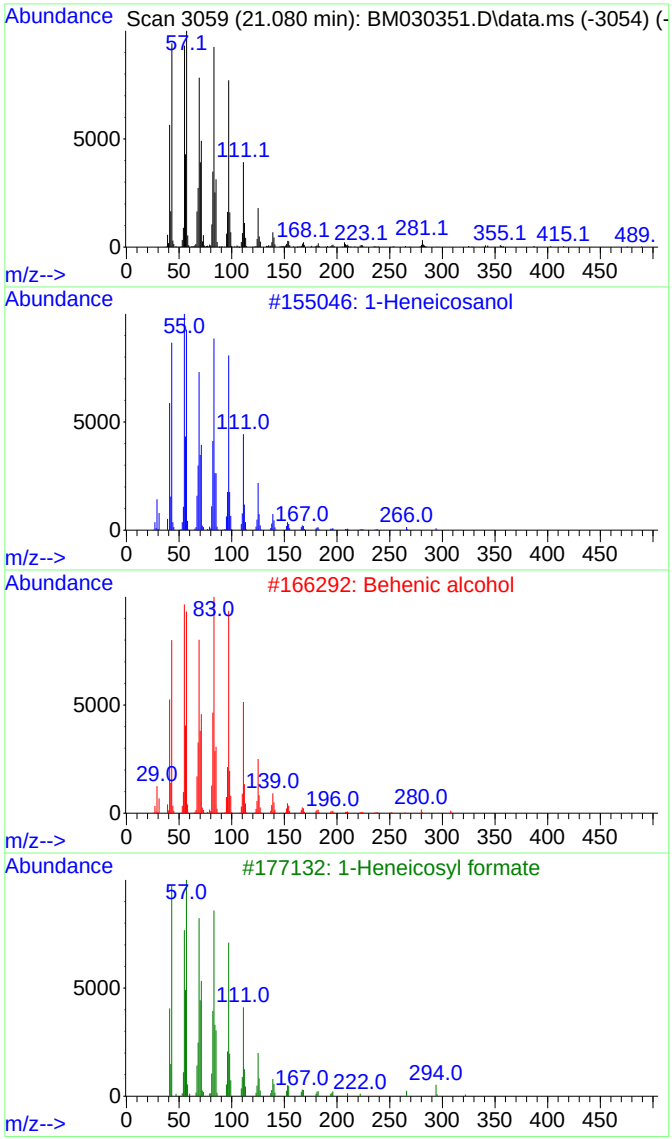
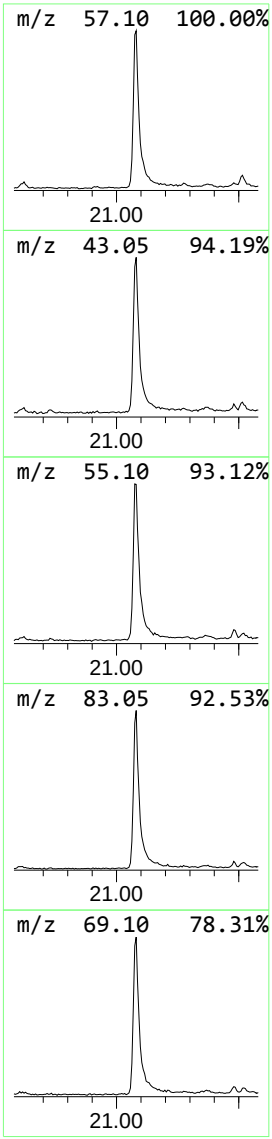
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	6.67 ng	1354480	Chrysene-d12	21.362

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	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.098	7.8	ng	1269140	4	17.204	3274440	20.0
Octadecanoic acid	19.368	3.0	ng	599331	5	21.362	4059080	20.0
1-Heneicosanol	21.080	6.7	ng	1354480	5	21.362	4059080	20.0