LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030353.D
Acq On : 09 Jun 2021 21:50
Operator : CG/JU
Sample : M2613-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(134-138)

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: BM030353.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	390	398	413	rBV	4089280	6049094	37.92%	8.694%
2	7.010	659	667	681	rBV	4277460	6672438	41.83%	9.590%
3	7.845	802	809	817	rBV	774704	1274944	7.99%	1.832%
4	9.004	997	1006	1018	rBV	2481764	4057265	25.43%	5.831%
5	10.639	1276	1284	1295	rVB	1087951	1872721	11.74%	2.692%
6	13.098	1694	1702	1712	rBV	6438869	9632319	60.38%	13.844%
7	14.469	1928	1935	1946	rBV	1833661	2743533	17.20%	3.943%
8	15.957	2180	2188	2203	rBV	5693150	7763047	48.66%	11.157%
9	17.204	2394	2400	2409	rBV	2434814	3476660	21.79%	4.997%
10	18.092	2546	2551	2560	rBV	336079	499609	3.13%	0.718%
11	19.251	2739	2748	2756	rBV2	130903	306923	1.92%	0.441%
12	19.362	2763	2767	2781	rBV	254607	422502	2.65%	0.607%
13	19.821	2838	2845	2850	rBV	12774195	15953192	100.00%	22.929%
14	21.074	3054	3058	3070	rBV2	368037	757437	4.75%	1.089%
15	21.362	3102	3107	3118	rBV	3168613	4083850	25.60%	5.870%
16	22.421	3283	3287	3296	rVB2	225507	306836	1.92%	0.441%
17	23.644	3489	3495	3504	rVB2	1902631	3704781	23.22%	5.325%

Sum of corrected areas: 69577151

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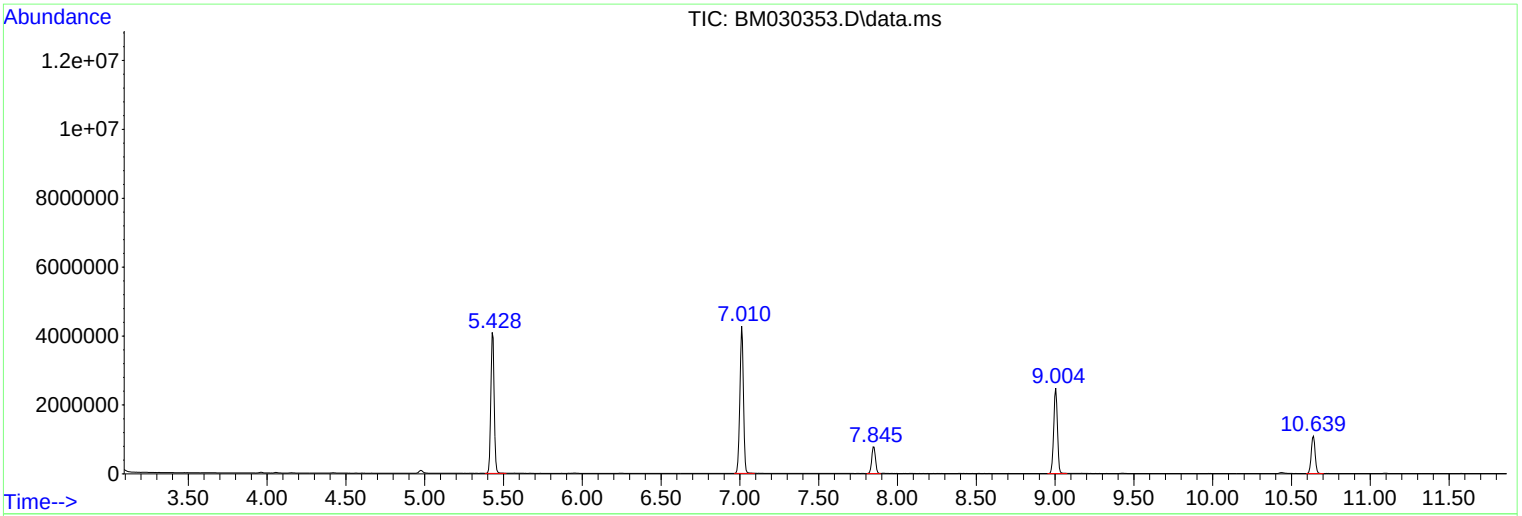
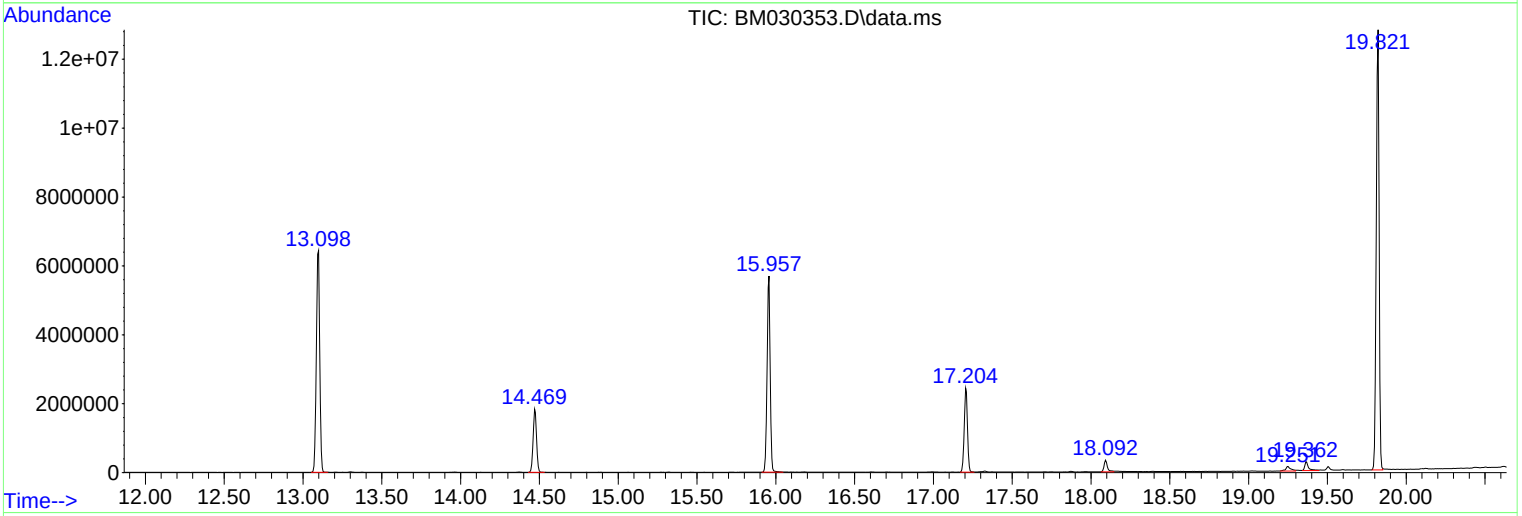
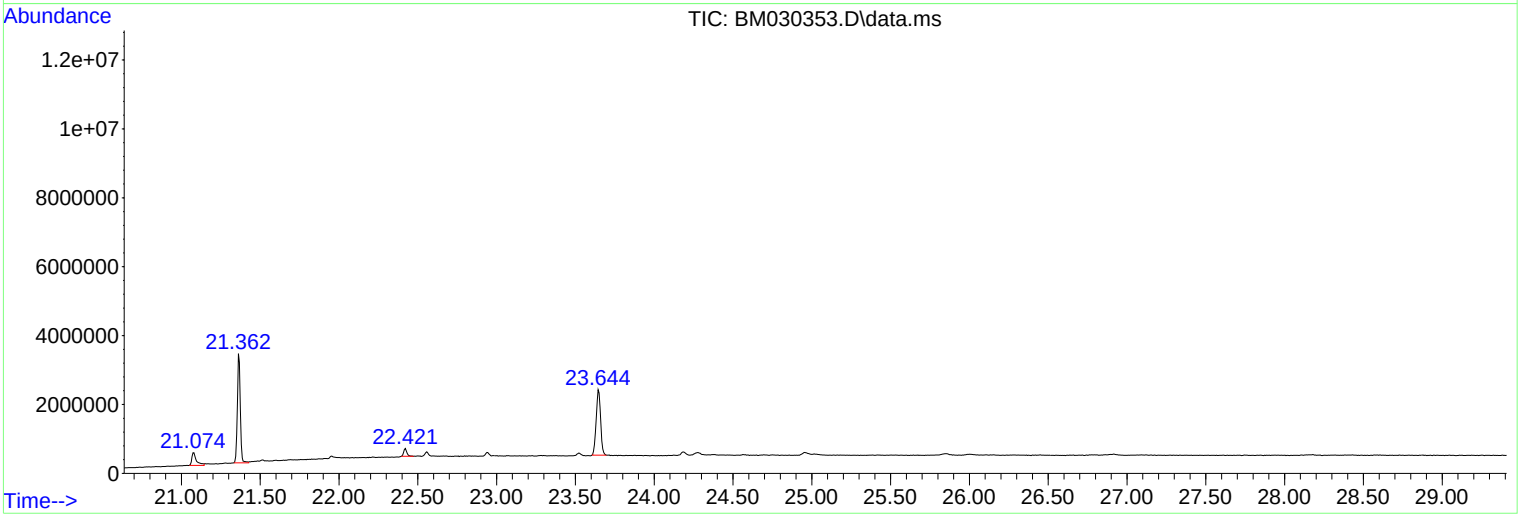
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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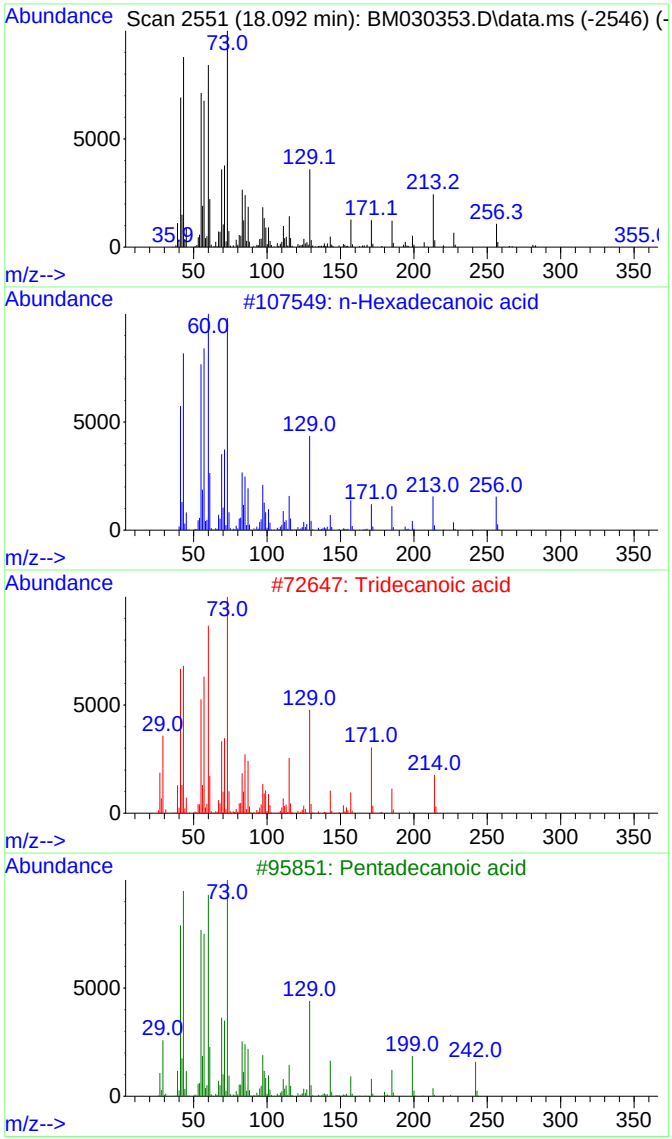
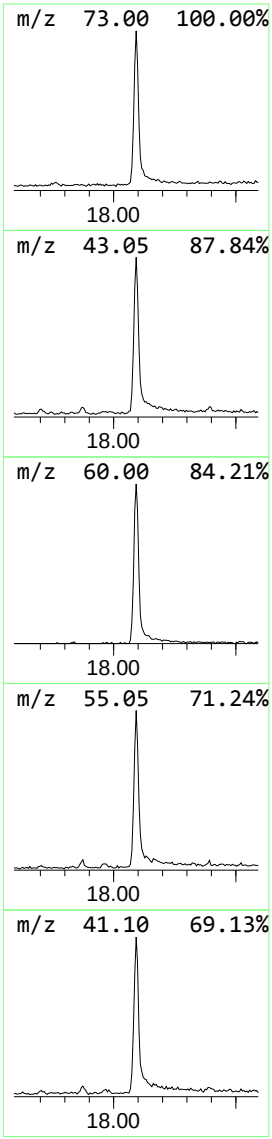
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	2.87 ng	499609	Phenanthrene-d10	17.204

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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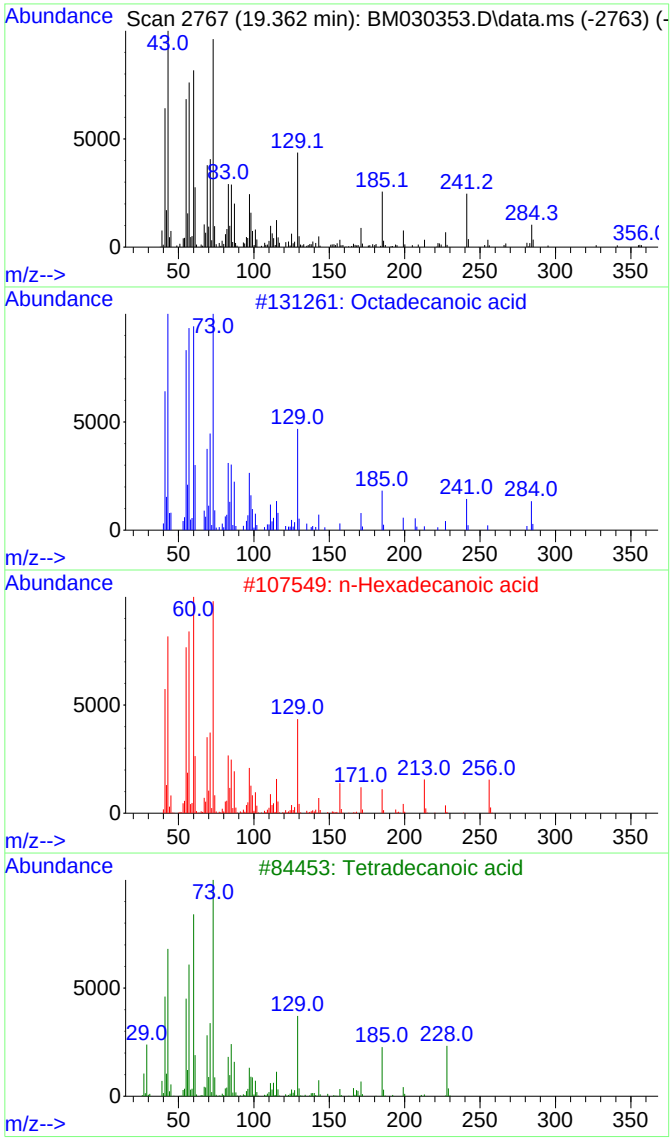
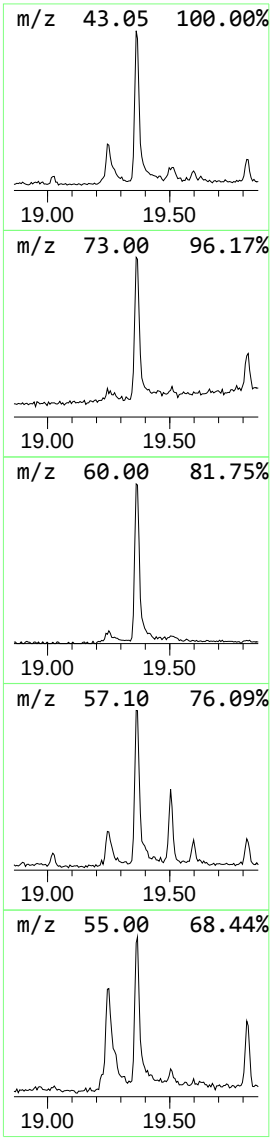
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.362	2.07 ng	422502	Chrysene-d12	21.362

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	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(134-138)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
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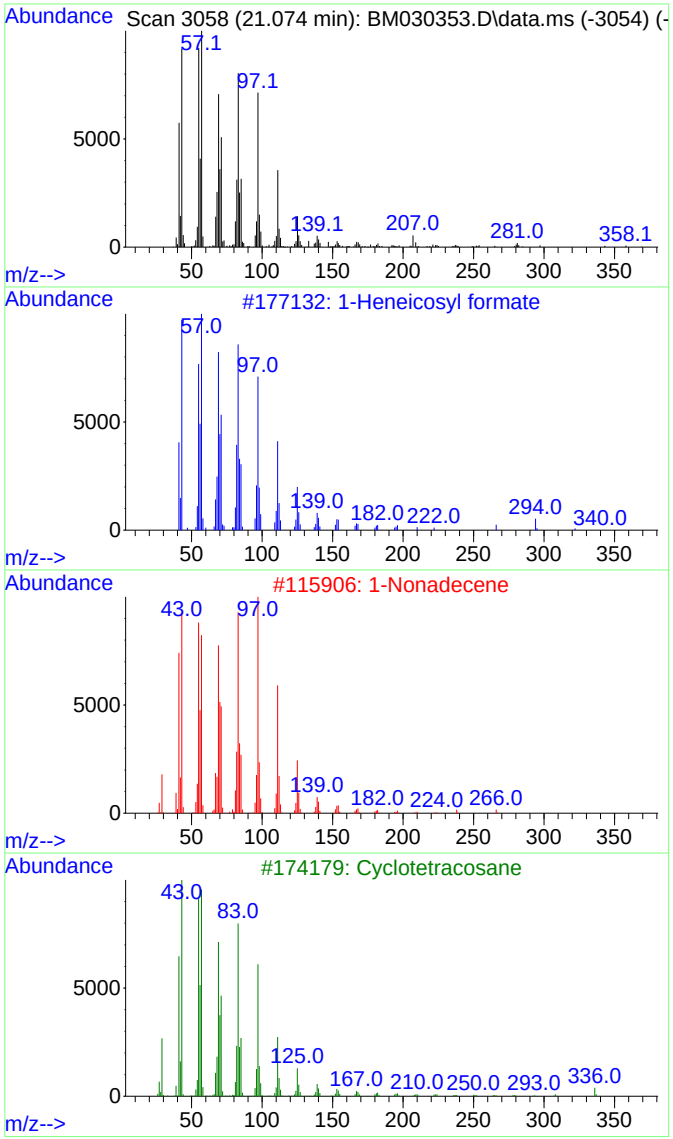
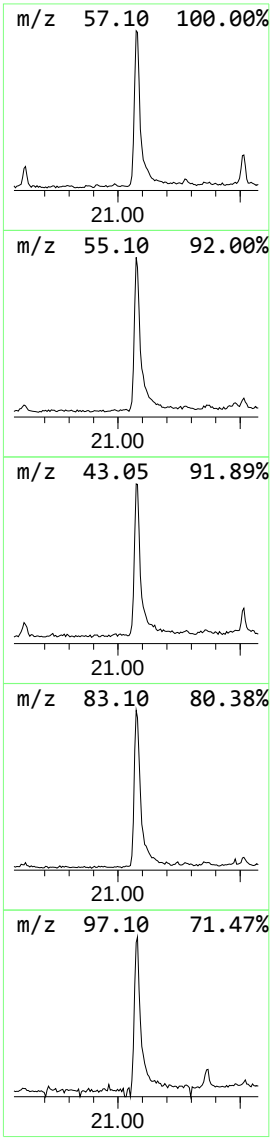
Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	3.71 ng	757437	Chrysene-d12	21.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.092	2.9	ng	499609	4	17.204	3476660	20.0
Octadecanoic acid	19.362	2.1	ng	422502	5	21.362	4083850	20.0
1-Heneicosyl fo...	21.074	3.7	ng	757437	5	21.362	4083850	20.0