LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
Data File : BM029118.D
Acq On : 12 Mar 2021 19:21
Operator : CG/JU
Sample : M1625-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-1-1

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029118.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.199	371	376	392	rBB	128988	187147	59.03%	10.580%
2	6.816	646	651	663	rBV	122069	191853	60.52%	10.846%
3	7.622	783	788	795	rBB	30085	45015	14.20%	2.545%
4	8.793	981	987	1000	rBB	75103	120580	38.04%	6.817%
5	10.410	1256	1262	1271	rBB	37875	59473	18.76%	3.362%
6	12.898	1679	1685	1692	rBV	167118	241118	76.06%	13.632%
7	13.763	1828	1832	1837	rBB2	2676	3303	1.04%	0.187%
8	14.292	1916	1922	1928	rBB	48985	69418	21.90%	3.925%
9	15.792	2172	2177	2184	rBB	126138	164386	51.85%	9.294%
10	17.039	2384	2389	2396	rBB	55770	74569	23.52%	4.216%
11	17.939	2537	2542	2552	rBV	12648	19804	6.25%	1.120%
12	19.221	2756	2760	2773	rBV	23055	34482	10.88%	1.949%
13	19.498	2804	2807	2814	rVB	2346	3360	1.06%	0.190%
14	19.668	2831	2836	2841	rVB	282945	317019	100.00%	17.923%
15	20.315	2940	2946	2949	rBV6	1583	3395	1.07%	0.192%
16	20.468	2968	2972	2977	rBV3	2349	4109	1.30%	0.232%
17	20.945	3048	3053	3062	rBV3	18353	33753	10.65%	1.908%
18	21.221	3095	3100	3105	rBV	75695	90796	28.64%	5.133%
19	21.362	3121	3124	3126	rBV4	3055	3493	1.10%	0.197%
20	23.356	3458	3463	3470	rVB2	59531	101736	32.09%	5.752%

Sum of corrected areas: 1768809

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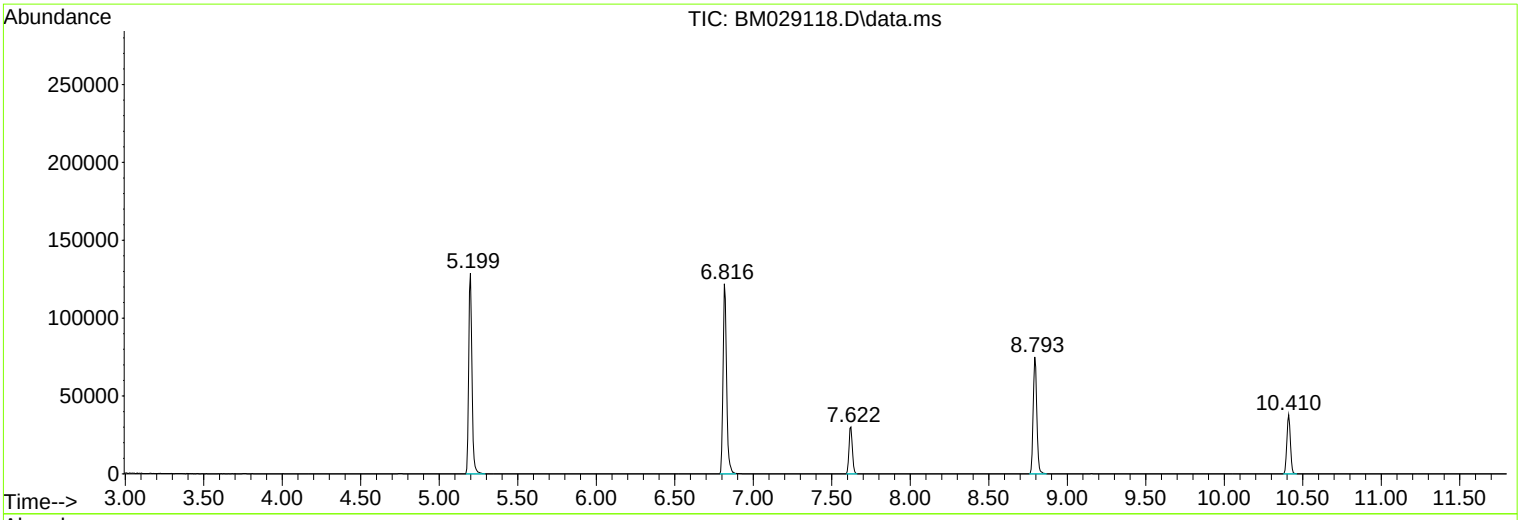
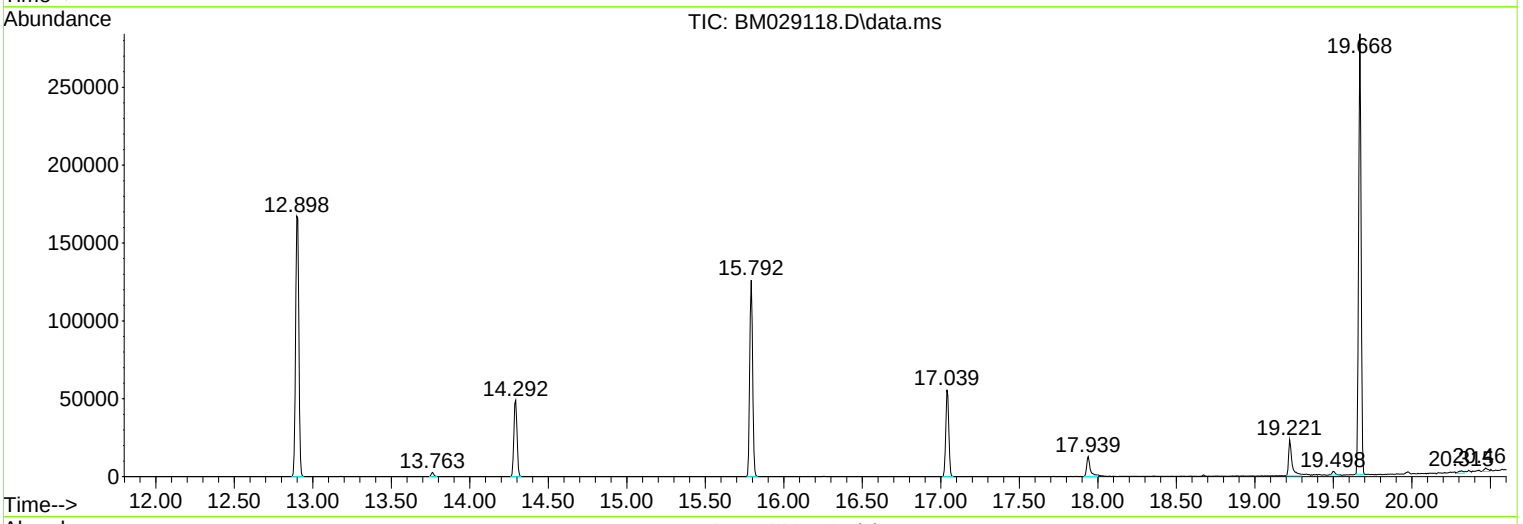
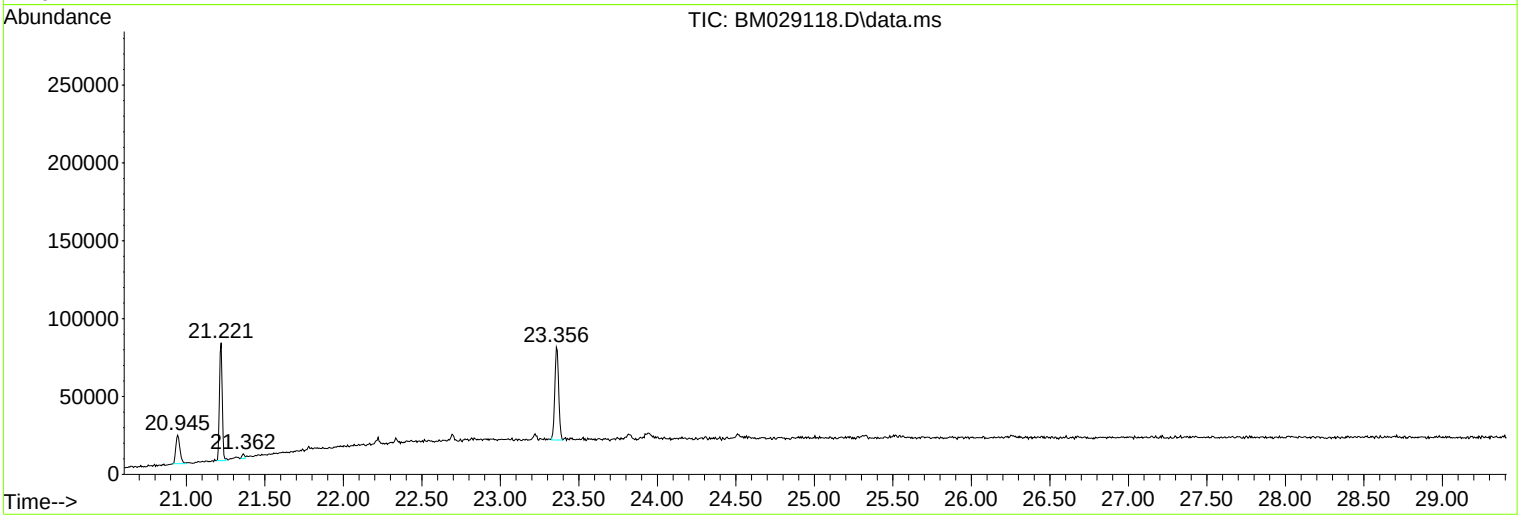
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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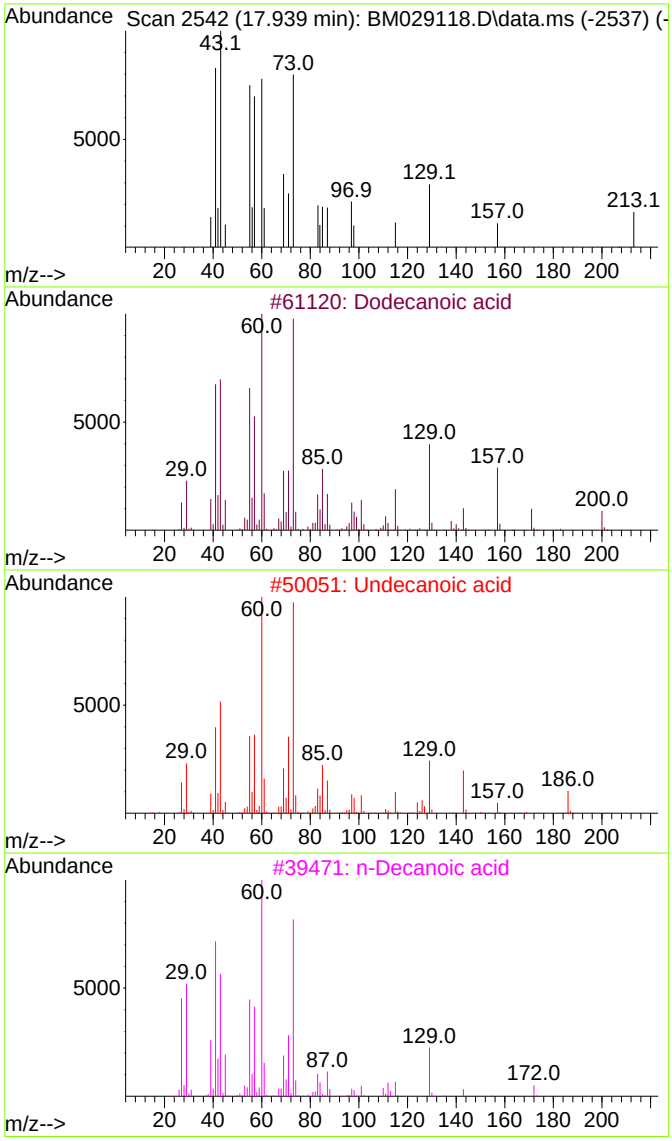
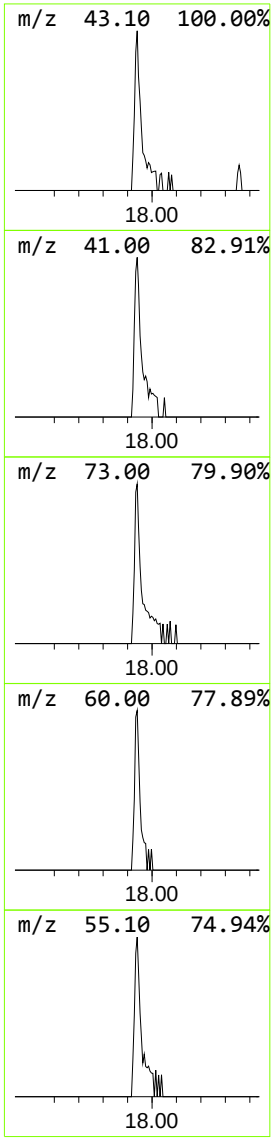
Peak Number 1 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	5.31 ng	19804	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	59
2	Undecanoic acid	186	C11H22O2	000112-37-8	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Maltose	342	C12H22O11	000069-79-4	38
5	Dodecyl acrylate	240	C15H28O2	002156-97-0	14





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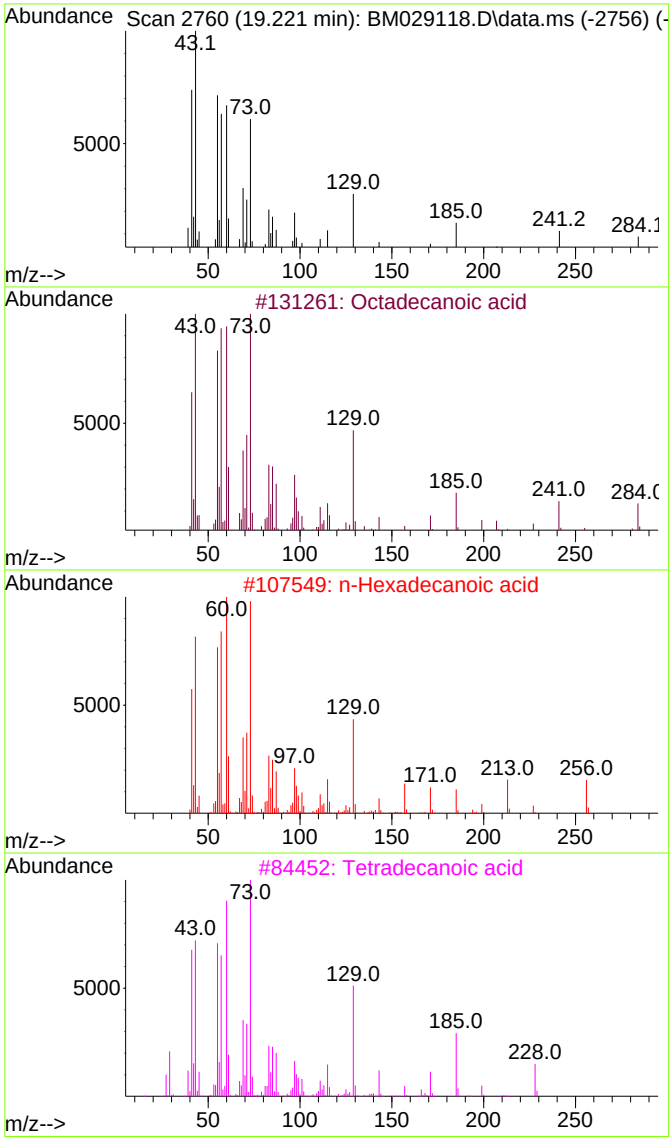
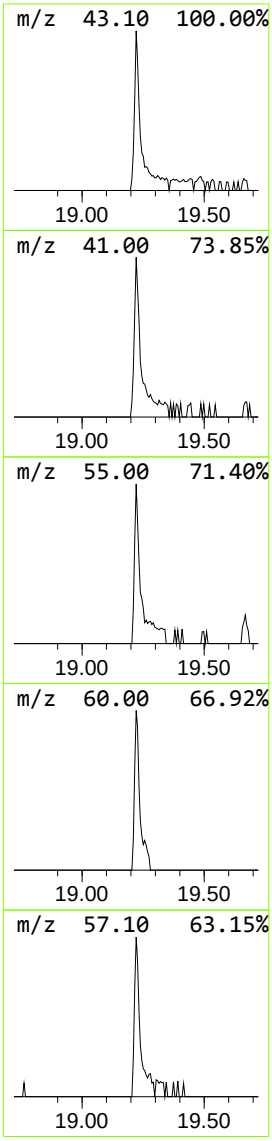
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.221	7.60 ng	34482	Chrysene-d12	21.221

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	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Instrument :
BNA_M
ClientSampleId :
SP-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
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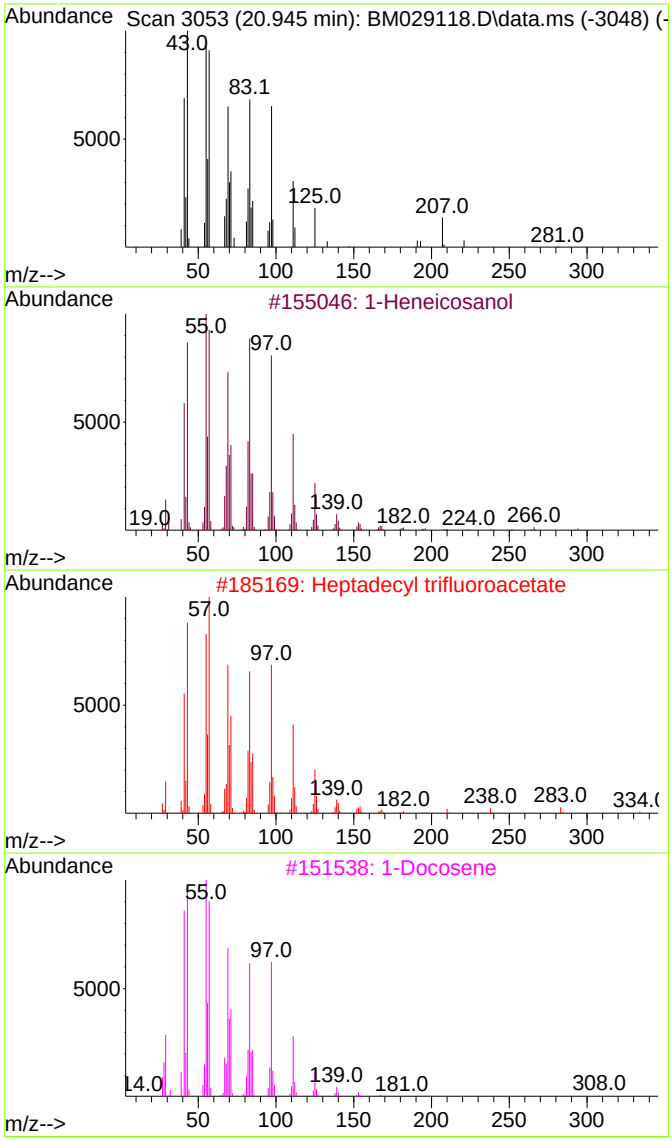
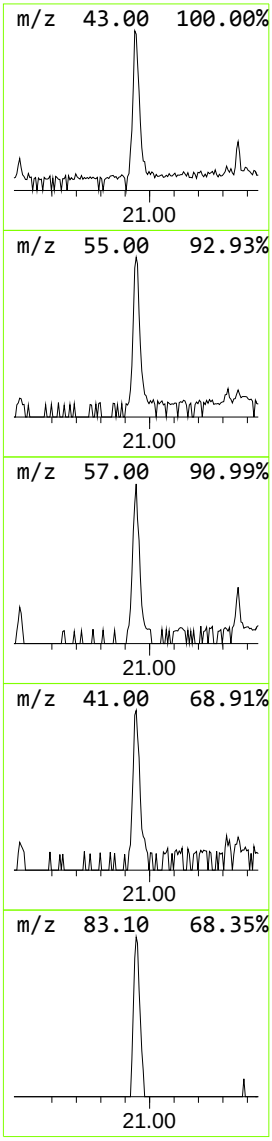
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.945	7.43 ng	33753	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecanoic acid	17.939	5.3	ng	19804	4	17.039	74569	20.0
Octadecanoic acid	19.221	7.6	ng	34482	5	21.221	90796	20.0
1-Heneicosanol	20.945	7.4	ng	33753	5	21.221	90796	20.0