LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
Data File : BM035606.D
Acq On : 22 Jun 2022 18:42
Operator : CG/JU
Sample : N3421-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-1-0-2-20220620

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-BM061022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.398	388	393	417	rBV	2115834	3531424	51.04%	9.641%
2	7.004	659	666	695	rBV	1780436	3518972	50.86%	9.607%
3	7.798	795	801	813	rBV	536370	885565	12.80%	2.418%
4	8.963	990	999	1019	rBV	1164382	2276293	32.90%	6.214%
5	10.598	1269	1277	1294	rBV	629693	1230756	17.79%	3.360%
6	13.063	1689	1696	1711	rBV	3409134	5113579	73.90%	13.960%
7	14.445	1922	1931	1949	rVB	961700	1563090	22.59%	4.267%
8	15.939	2179	2185	2206	rBV	2141324	3602371	52.06%	9.834%
9	17.192	2392	2398	2414	rBV	1095639	1802422	26.05%	4.921%
10	17.868	2508	2513	2518	rBV	112909	138623	2.00%	0.378%
11	18.098	2546	2552	2561	rBV	389588	668130	9.66%	1.824%
12	19.374	2765	2769	2782	rBV	286991	538260	7.78%	1.469%
13	19.815	2839	2844	2857	rBV	5490861	6919532	100.00%	18.890%
14	21.091	3057	3061	3068	rBV	263038	392043	5.67%	1.070%
15	21.380	3105	3110	3118	rBV	1526835	2180233	31.51%	5.952%
16	23.715	3501	3507	3521	rVB2	1055231	2269465	32.80%	6.196%

Sum of corrected areas: 36630758

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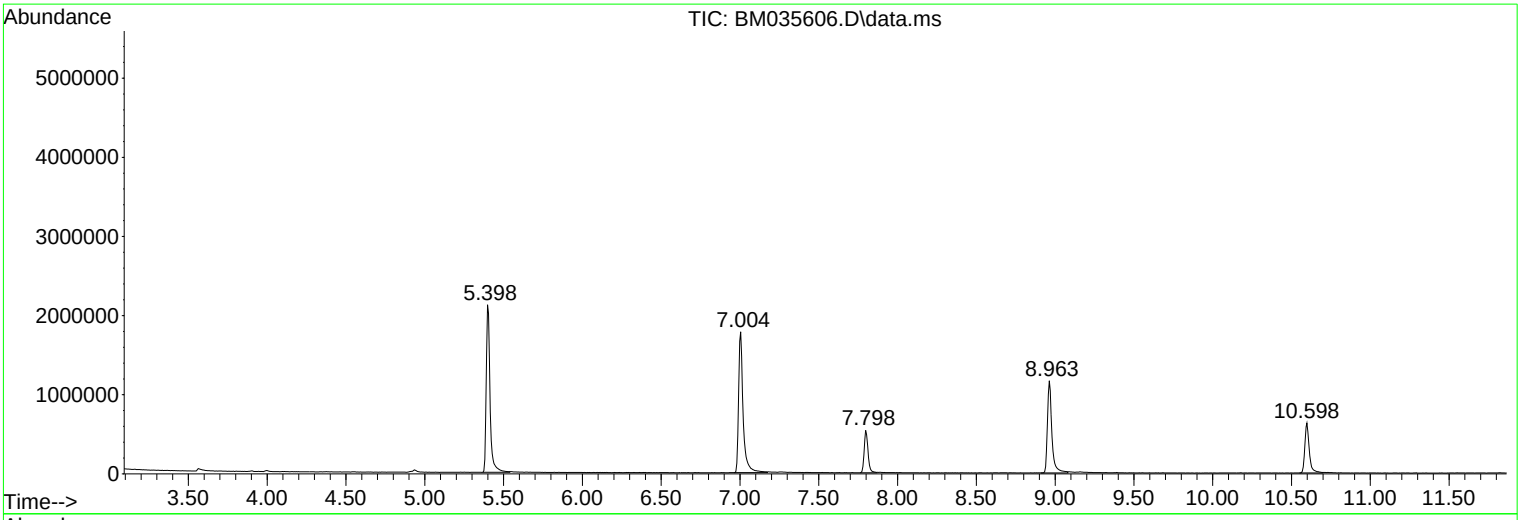
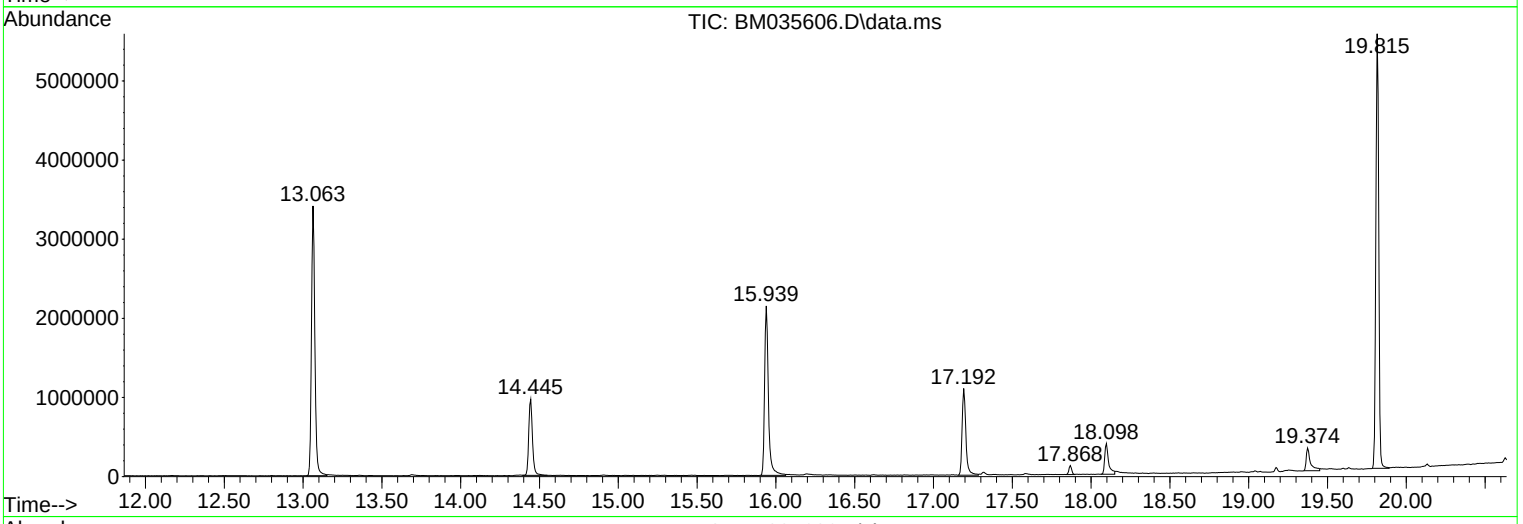
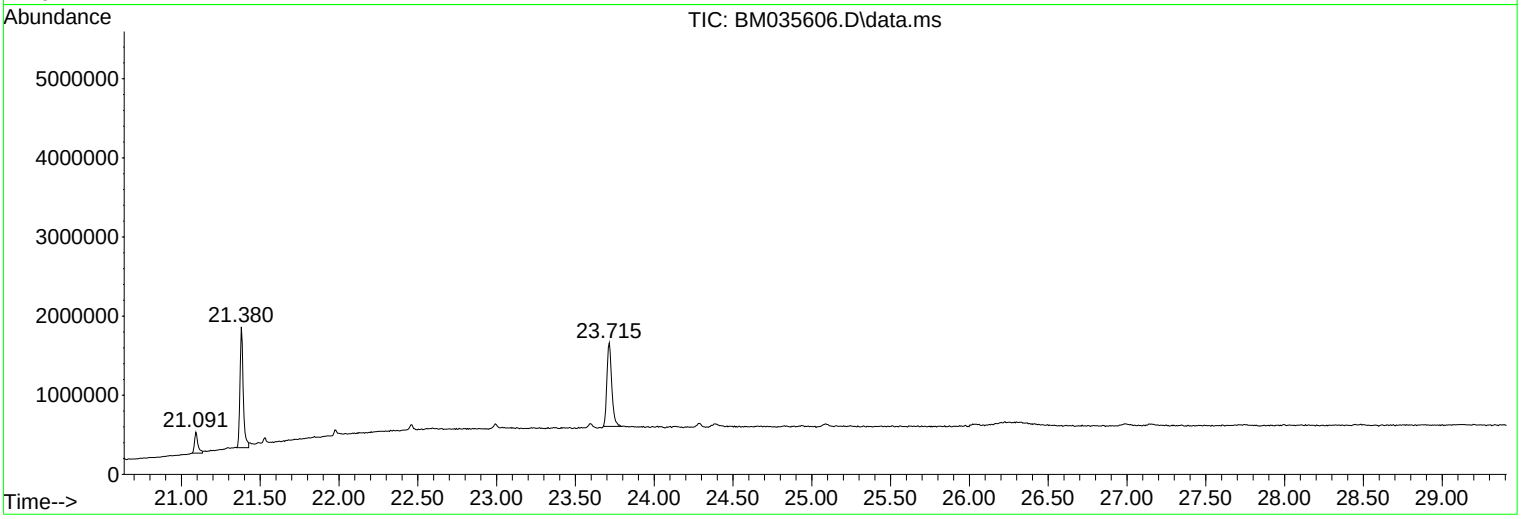
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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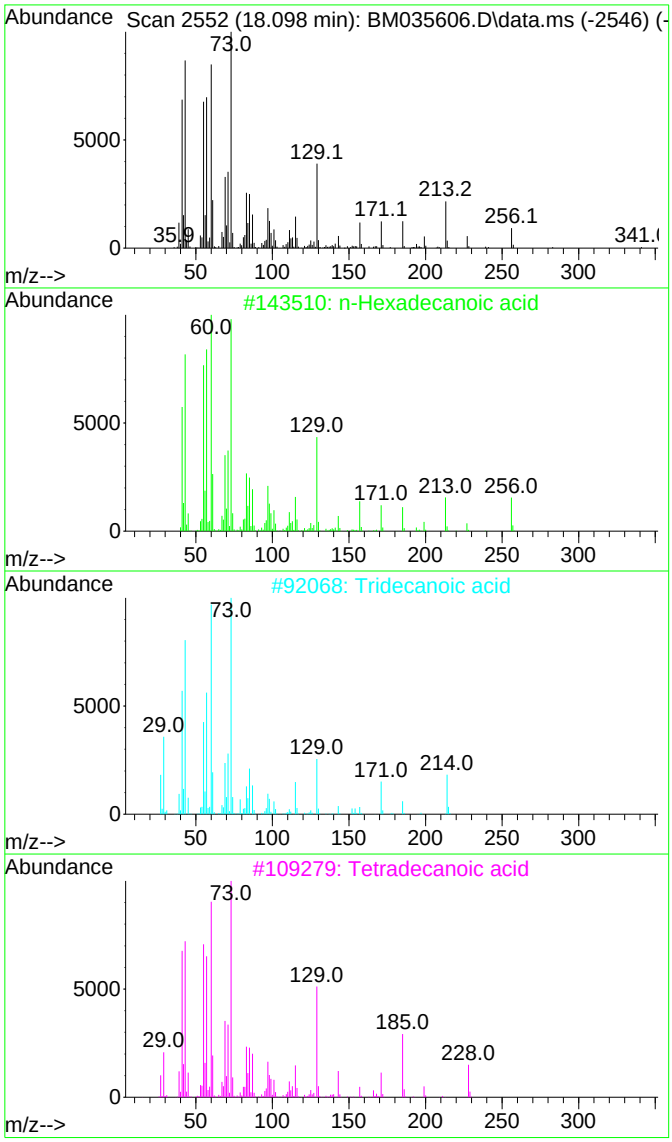
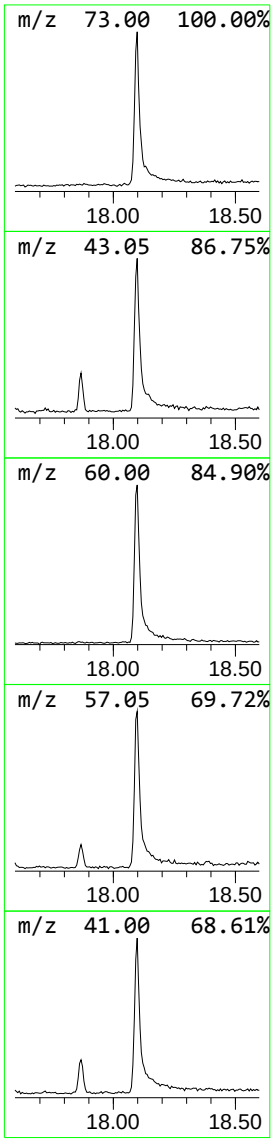
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	7.41 ng	668130	Phenanthrene-d10	17.192

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80





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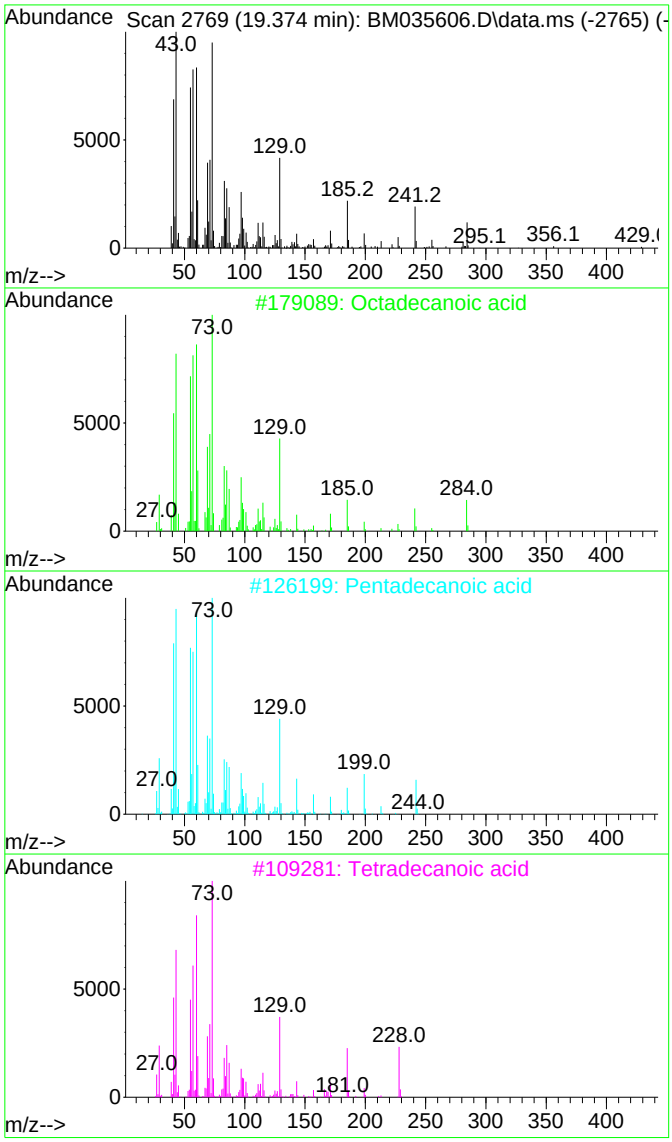
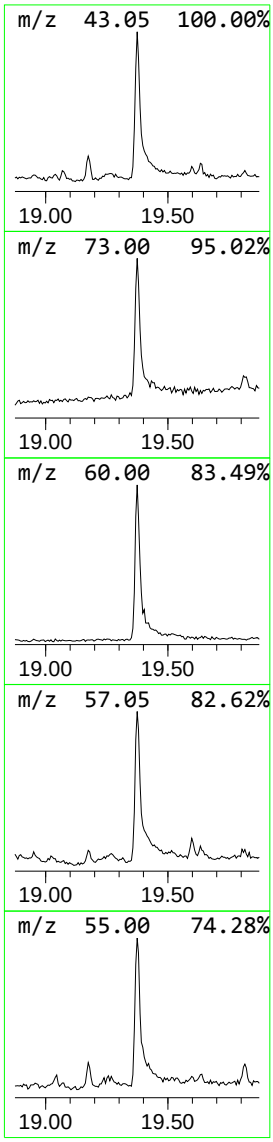
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.374	4.94 ng	538260	Chrysene-d12	21.380

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Instrument :
BNA_M
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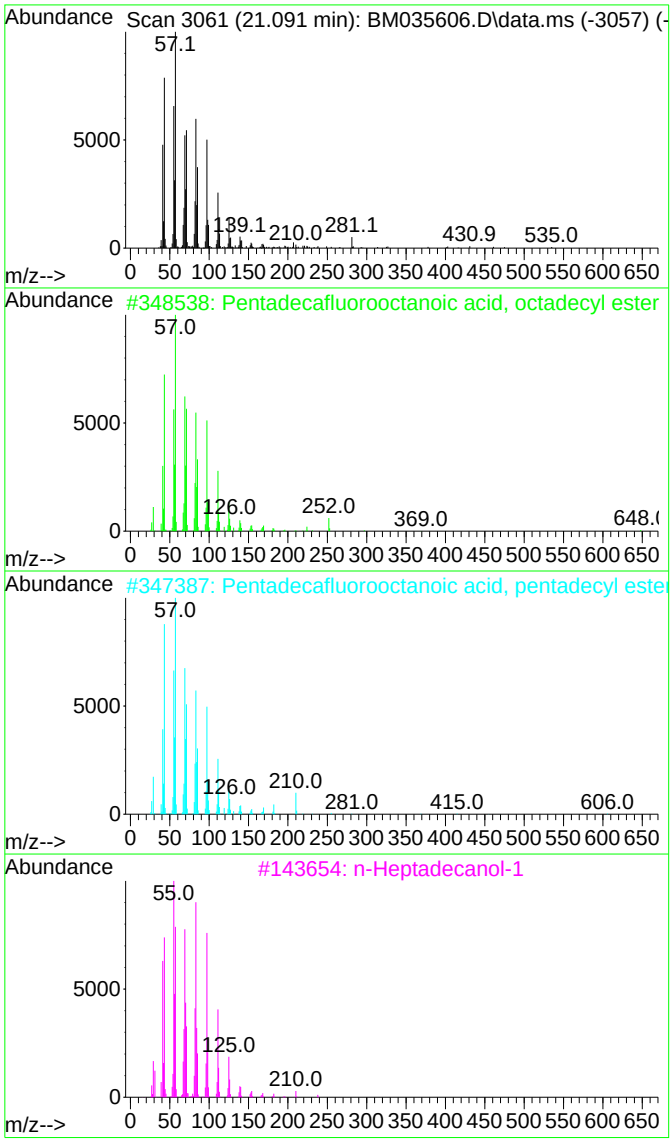
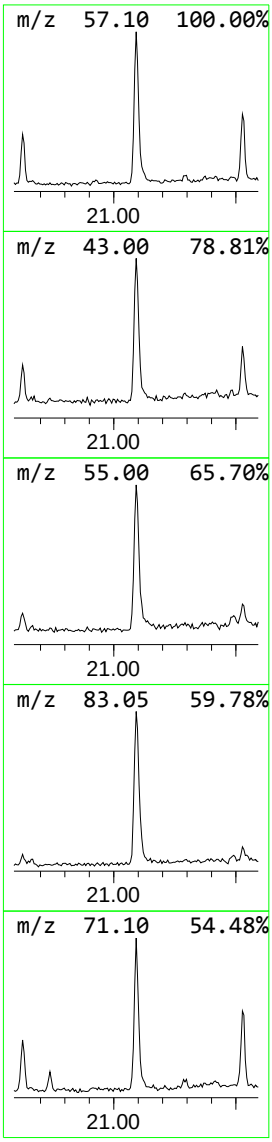
Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	3.60 ng	392043	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	92
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91





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	7.4	ng	668130	4	17.192	1802420	20.0
Octadecanoic acid	19.374	4.9	ng	538260	5	21.380	2180230	20.0
Pentadecafluoro...	21.092	3.6	ng	392043	5	21.380	2180230	20.0