LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035394.D
Acq On : 03 Jun 2022 14:28
Operator : CG/JU
Sample : N2987-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P033-SS001-0612-01

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-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035394.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	392	399	412	rBV	1837589	2717145	37.84%	7.881%
2	7.034	662	671	689	rBV	1620550	2740883	38.17%	7.950%
3	7.845	802	809	818	rBV	495583	793267	11.05%	2.301%
4	9.010	999	1007	1022	rBV	1072307	1828791	25.47%	5.304%
5	10.645	1276	1285	1299	rBV	621708	1086120	15.12%	3.150%
6	13.110	1697	1704	1718	rBV	3279878	4872387	67.85%	14.132%
7	14.486	1932	1938	1946	rBV	994522	1475262	20.54%	4.279%
8	15.980	2185	2192	2216	rBV	2417134	3690605	51.39%	10.704%
9	17.233	2398	2405	2411	rBV	1233620	1758184	24.48%	5.099%
10	18.139	2553	2559	2568	rBV	548554	821924	11.45%	2.384%
11	19.298	2753	2756	2764	rVB2	60136	112321	1.56%	0.326%
12	19.415	2772	2776	2788	rBV	331477	508691	7.08%	1.475%
13	19.856	2846	2851	2860	rBV	5613344	7181311	100.00%	20.829%
14	21.133	3064	3068	3077	rBV	433966	562344	7.83%	1.631%
15	21.415	3112	3116	3127	rBV	1534145	2103563	29.29%	6.101%
16	23.774	3511	3517	3527	rVB2	1103071	2225065	30.98%	6.454%

Sum of corrected areas: 34477863

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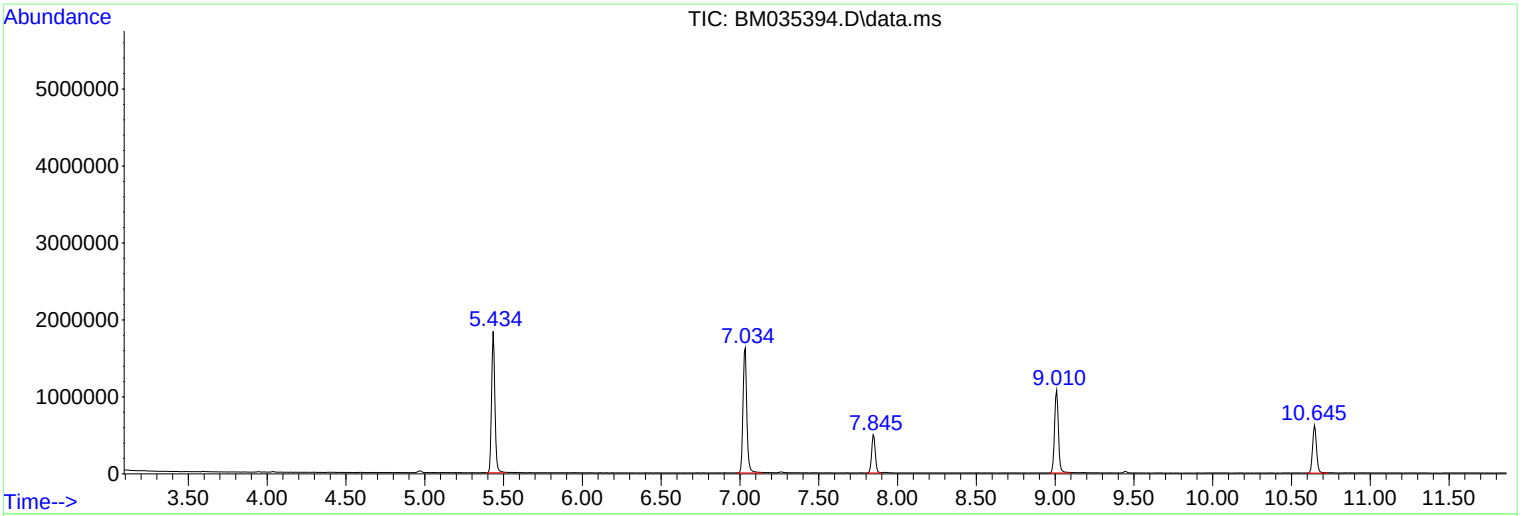
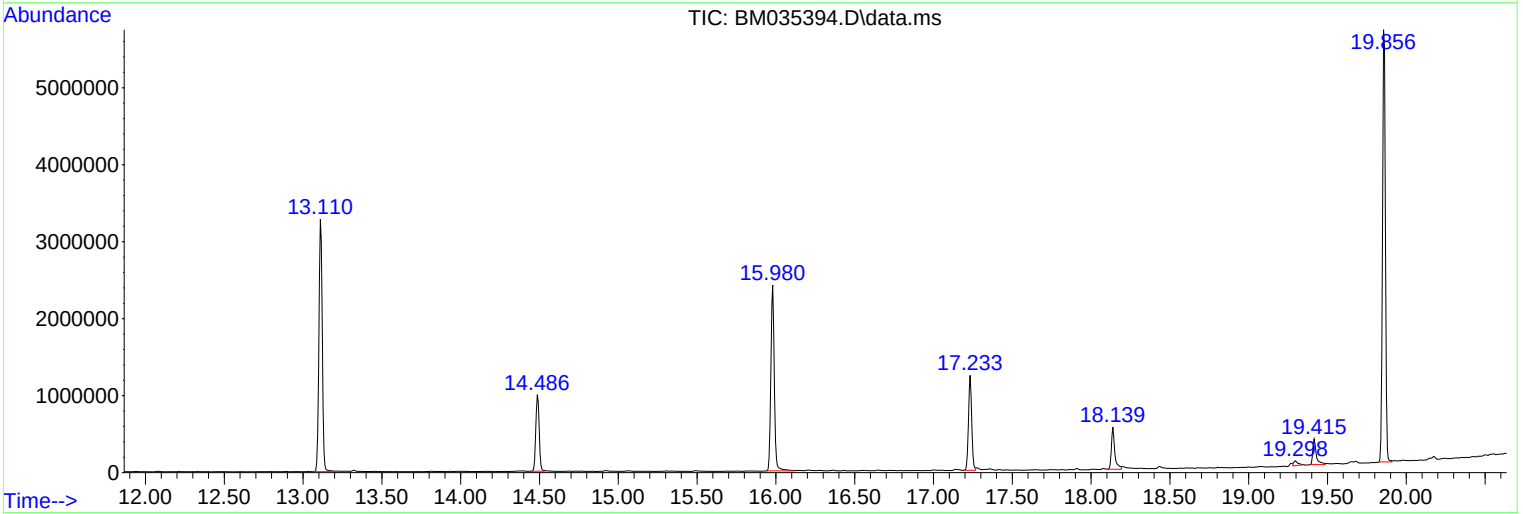
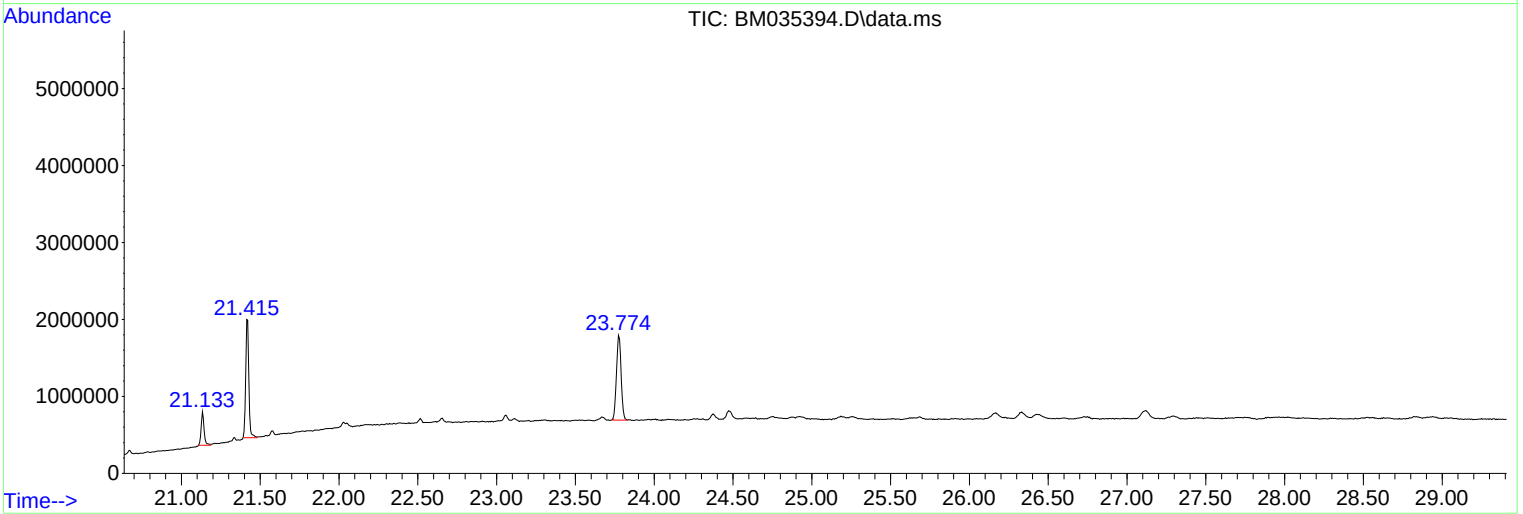
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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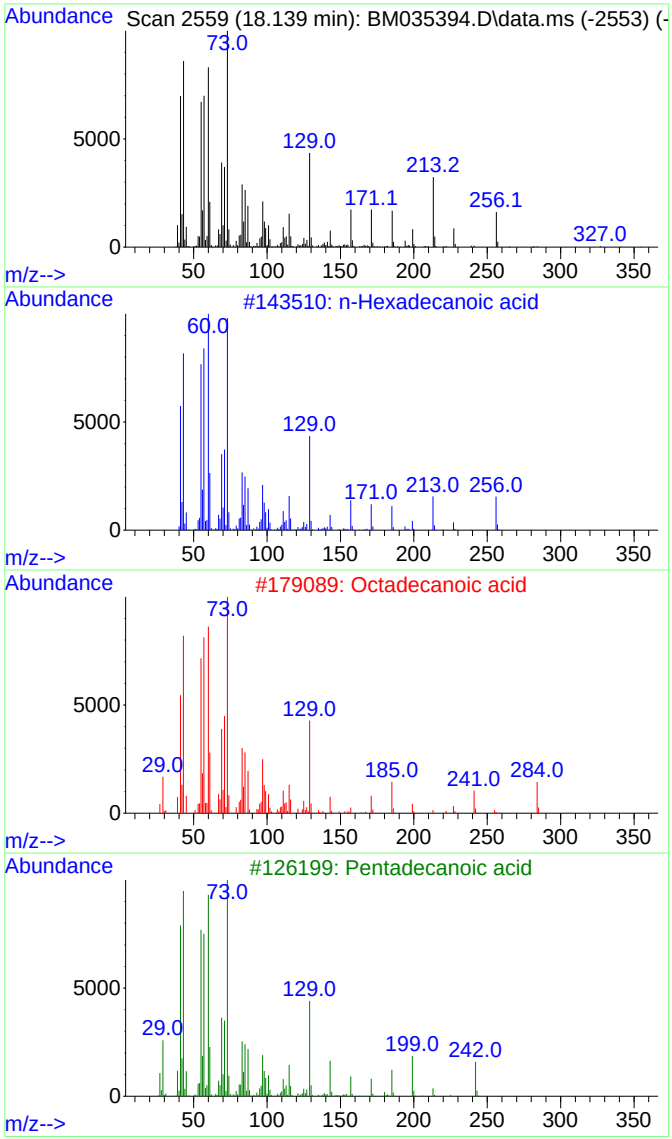
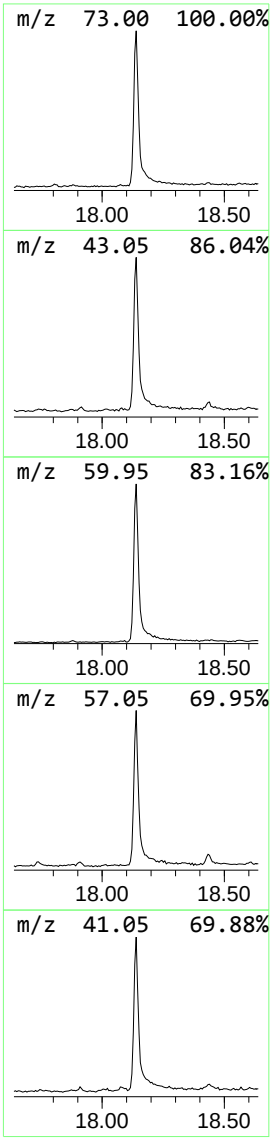
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	9.35 ng	821924	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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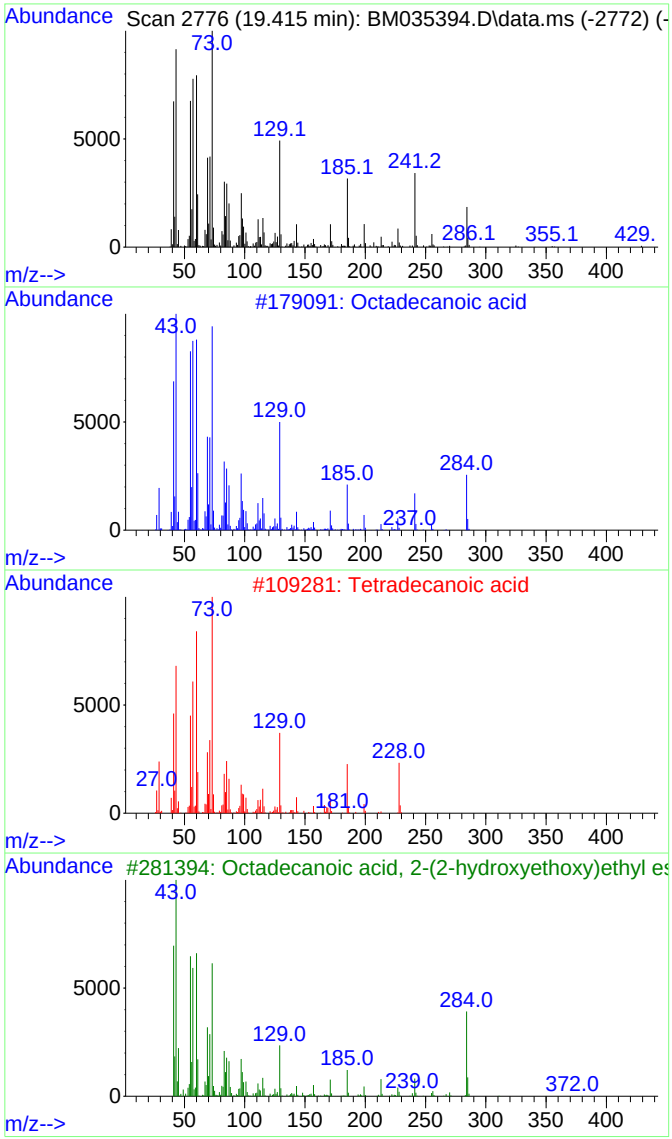
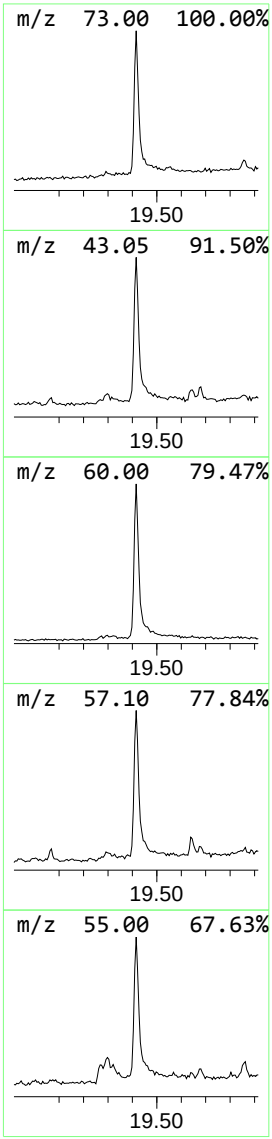
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	4.84 ng	508691	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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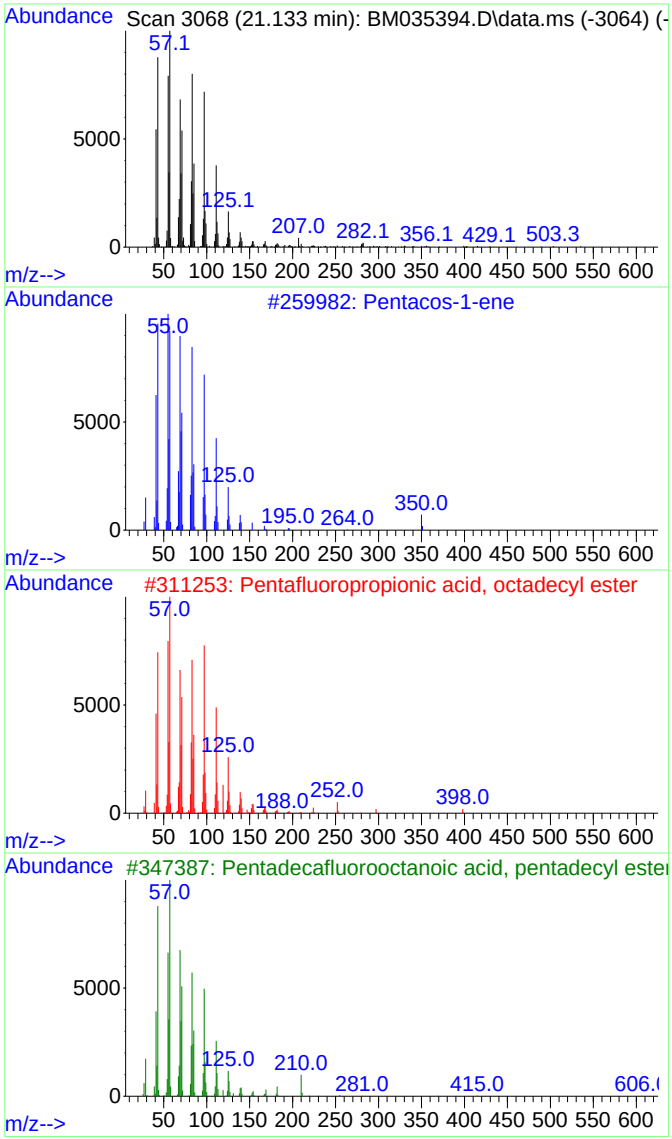
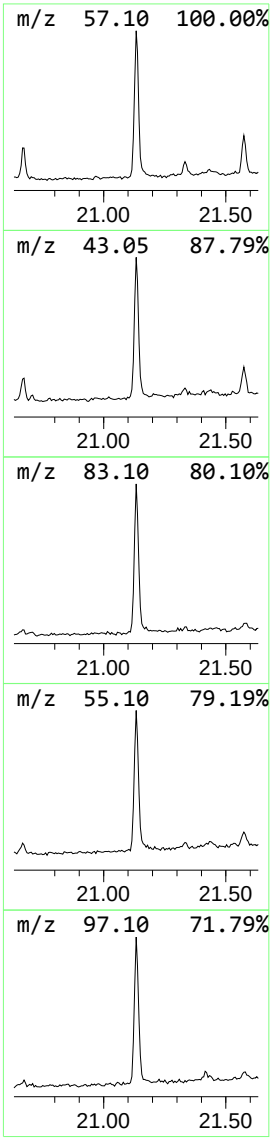
Peak Number 3 Pentacos-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	5.35 ng	562344	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	94
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
3	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	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 ...	18.139	9.3	ng	821924	4	17.233	1758180	20.0
Octadecanoic acid	19.415	4.8	ng	508691	5	21.415	2103560	20.0
Pentacos-1-ene	21.133	5.3	ng	562344	5	21.415	2103560	20.0