LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035251.D
Acq On : 25 May 2022 20:58
Operator : CG/JU
Sample : N2894-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P008-SS003-0006-01

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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035251.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	398	405	419	rBV	1845050	2641478	44.94%	9.430%
2	7.063	668	676	692	rBV	1700930	2746993	46.73%	9.806%
3	7.886	810	816	827	rBV	388272	619398	10.54%	2.211%
4	9.045	1005	1013	1034	rBV	1063723	1787586	30.41%	6.381%
5	10.686	1285	1292	1306	rBV	462228	806244	13.72%	2.878%
6	13.151	1704	1711	1722	rBV	2782981	3999037	68.04%	14.276%
7	13.704	1799	1805	1811	rVB	65973	96845	1.65%	0.346%
8	14.521	1938	1944	1953	rBV	671718	1014689	17.26%	3.622%
9	16.009	2191	2197	2210	rBV	1952949	2892163	49.20%	10.325%
10	16.562	2286	2291	2298	rBV2	48486	71128	1.21%	0.254%
11	17.268	2404	2411	2417	rBV	861679	1177513	20.03%	4.204%
12	18.174	2558	2565	2574	rBV	286430	440036	7.49%	1.571%
13	19.445	2777	2781	2787	rBV	137567	193652	3.29%	0.691%
14	19.792	2836	2840	2847	rBV2	61316	77107	1.31%	0.275%
15	19.892	2852	2857	2863	rBV	4910032	5877907	100.00%	20.983%
16	21.174	3071	3075	3082	rBV	219432	305577	5.20%	1.091%
17	21.368	3105	3108	3112	rBV	104410	106945	1.82%	0.382%
18	21.450	3117	3122	3132	rVV	1184914	1554314	26.44%	5.549%
19	23.827	3519	3526	3536	rVB2	805618	1603945	27.29%	5.726%

Sum of corrected areas: 28012557

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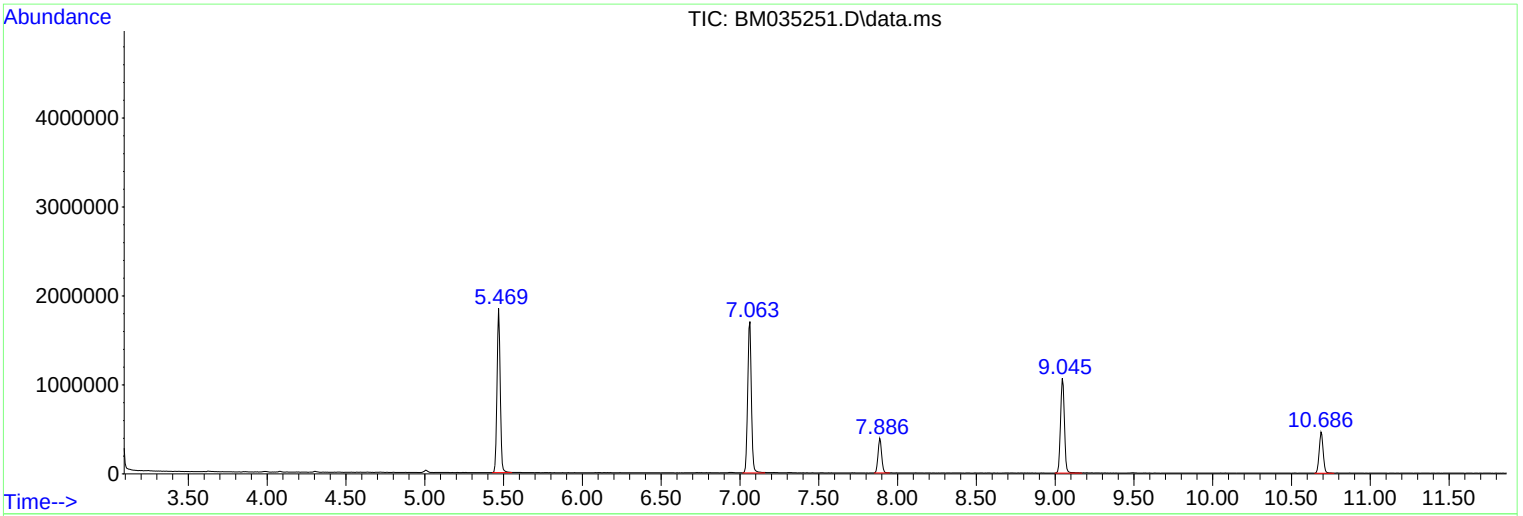
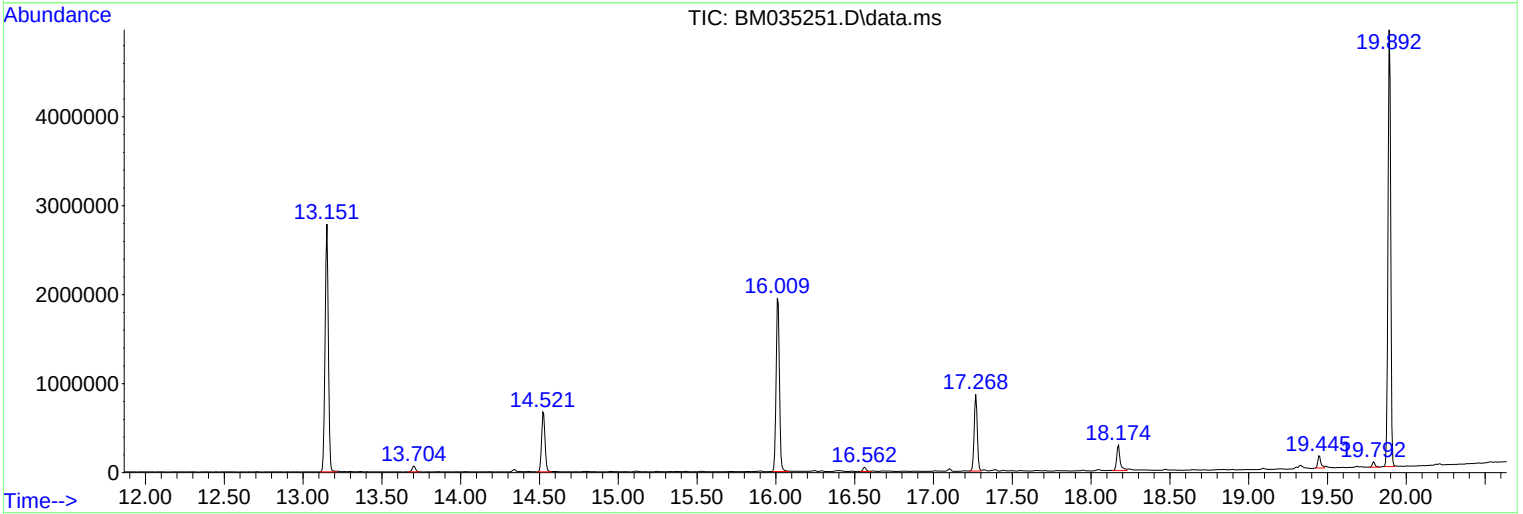
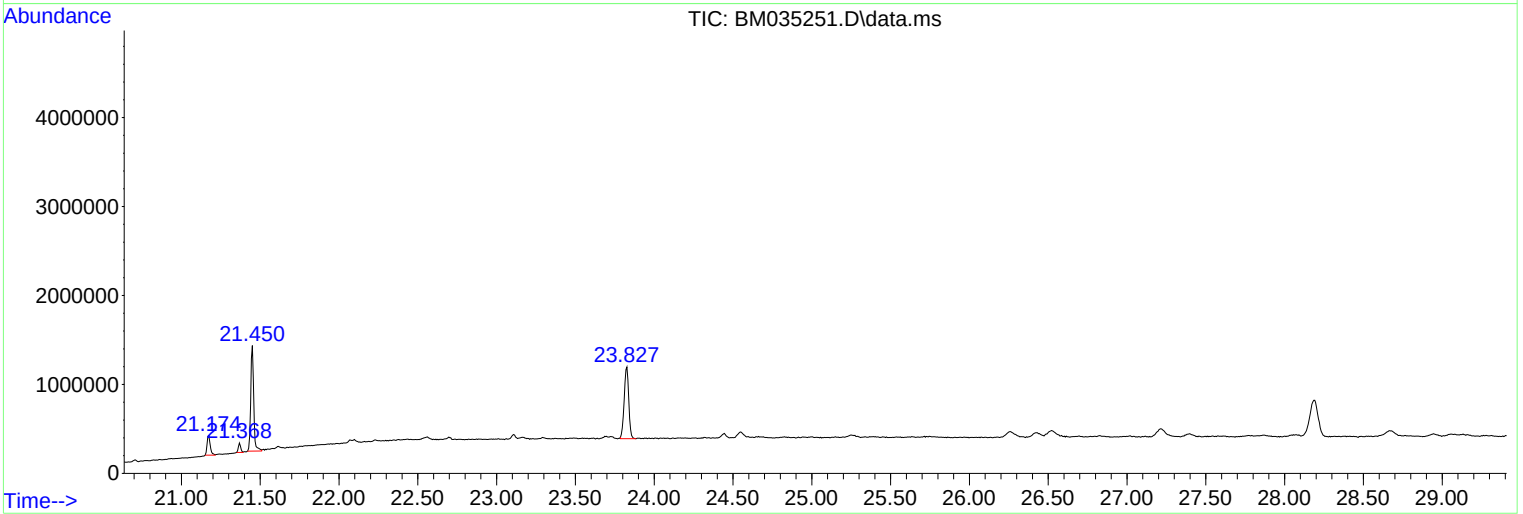
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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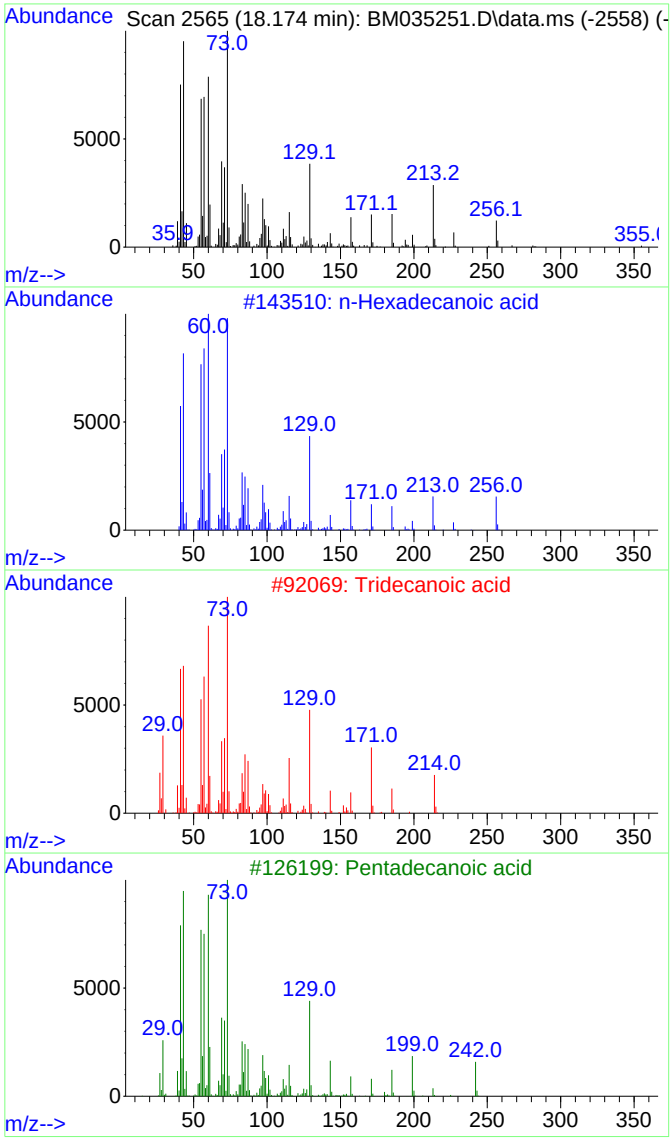
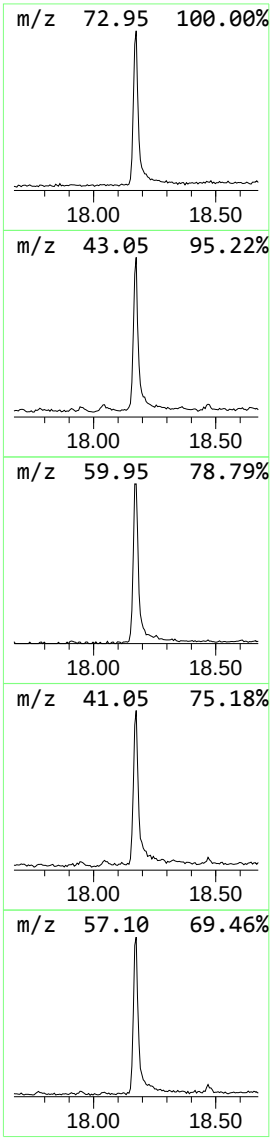
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	7.47 ng	440036	Phenanthrene-d10	17.268

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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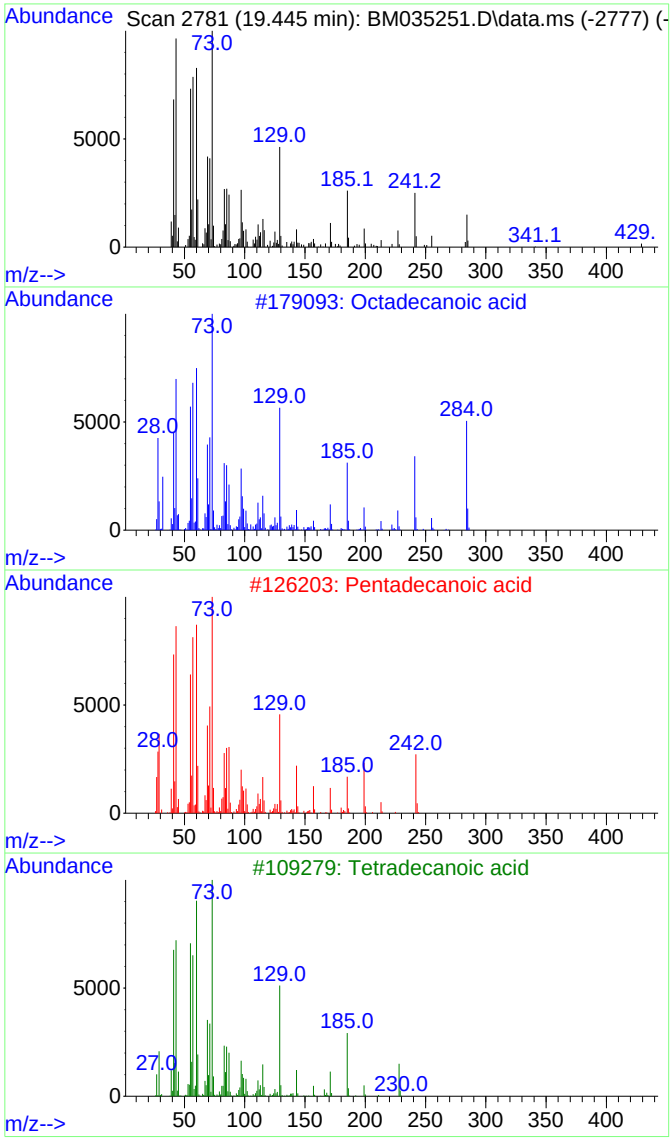
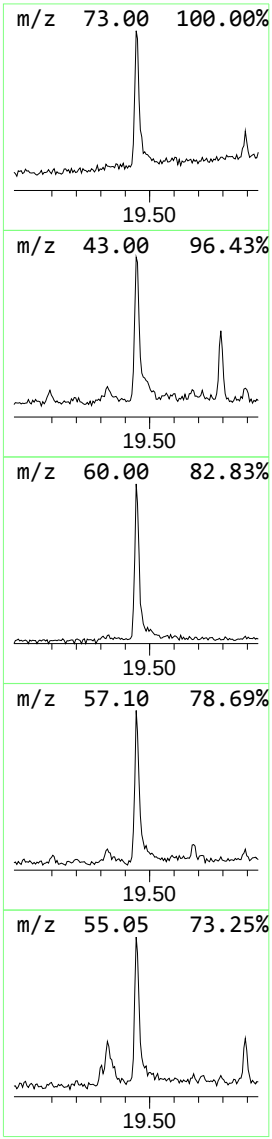
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.49 ng	193652	Chrysene-d12	21.450

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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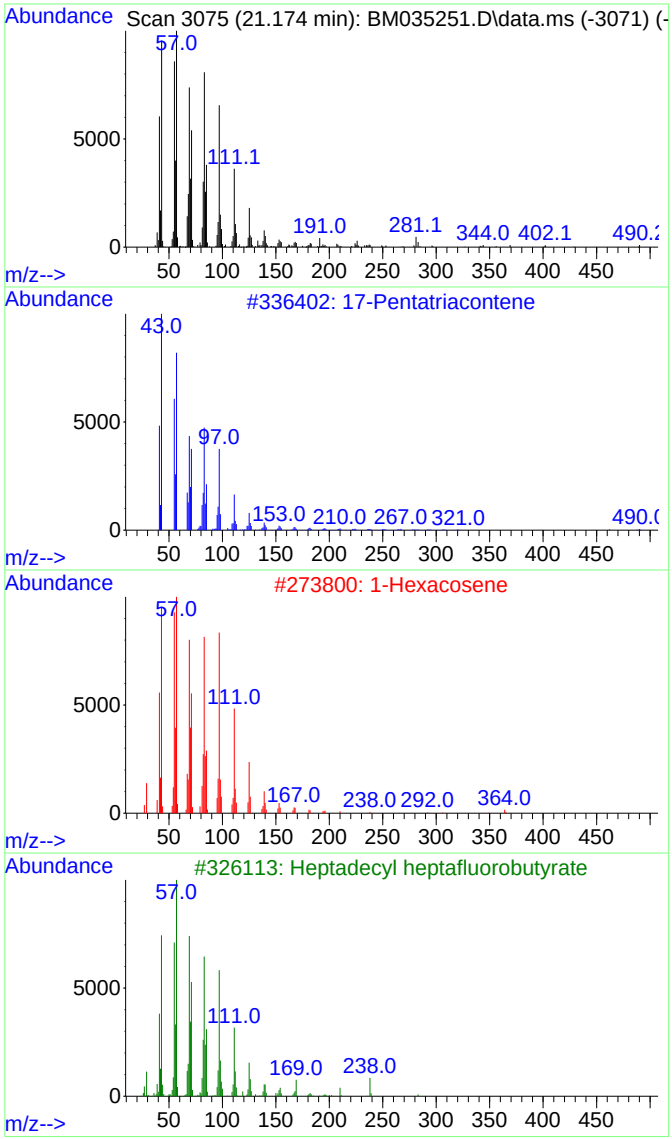
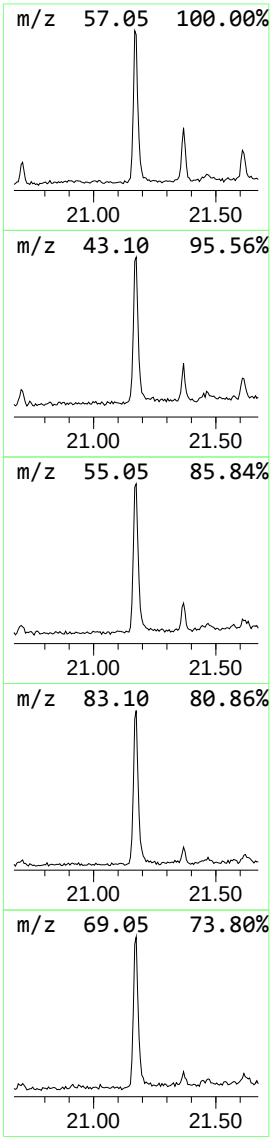
Peak Number 3 17-Pentatriacontene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	3.93 ng	305577	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	95
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.174	7.5	ng	440036	4	17.268	1177510	20.0
Octadecanoic acid	19.445	2.5	ng	193652	5	21.450	1554310	20.0
17-Pentatriacon...	21.174	3.9	ng	305577	5	21.450	1554310	20.0