LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
Data File : BM041333.D
Acq On : 08 Aug 2023 17:58
Operator : MA/JU
Sample : 03929-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-PP20

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.898	281	291	297	rBV2	43006	67852	2.23%	0.291%
2	5.357	362	369	384	rBV	1443735	2136346	70.15%	9.161%
3	6.963	634	642	660	rBV	1393311	2232084	73.29%	9.572%
4	7.781	774	781	789	rBV	453602	702068	23.05%	3.011%
5	8.957	973	981	1001	rBV	817717	1382980	45.41%	5.931%
6	10.586	1247	1258	1274	rBV	563811	967484	31.77%	4.149%
7	13.063	1671	1679	1700	rBV	1890265	2770456	90.97%	11.881%
8	14.445	1908	1914	1929	rBV	777063	1209846	39.73%	5.188%
9	14.880	1983	1988	1998	rBV3	18961	47545	1.56%	0.204%
10	15.951	2163	2170	2193	rBV	1476368	2212456	72.65%	9.488%
11	17.209	2375	2384	2400	rBV	944881	1373107	45.09%	5.888%
12	17.333	2400	2405	2411	rVB3	31232	43058	1.41%	0.185%
13	18.109	2532	2537	2558	rBV	663719	1257721	41.30%	5.394%
14	19.280	2728	2736	2742	rBV	60254	119056	3.91%	0.511%
15	19.392	2751	2755	2774	rBV	273804	562784	18.48%	2.413%
16	19.645	2795	2798	2803	rVB	47830	64870	2.13%	0.278%
17	19.845	2827	2832	2842	rBV	2575641	3045515	100.00%	13.060%
18	21.121	3045	3049	3058	rBV3	138854	224147	7.36%	0.961%
19	21.415	3094	3099	3104	rBV	1141427	1449850	47.61%	6.217%
20	23.785	3496	3502	3516	rVB	724201	1449970	47.61%	6.218%

Sum of corrected areas: 23319195

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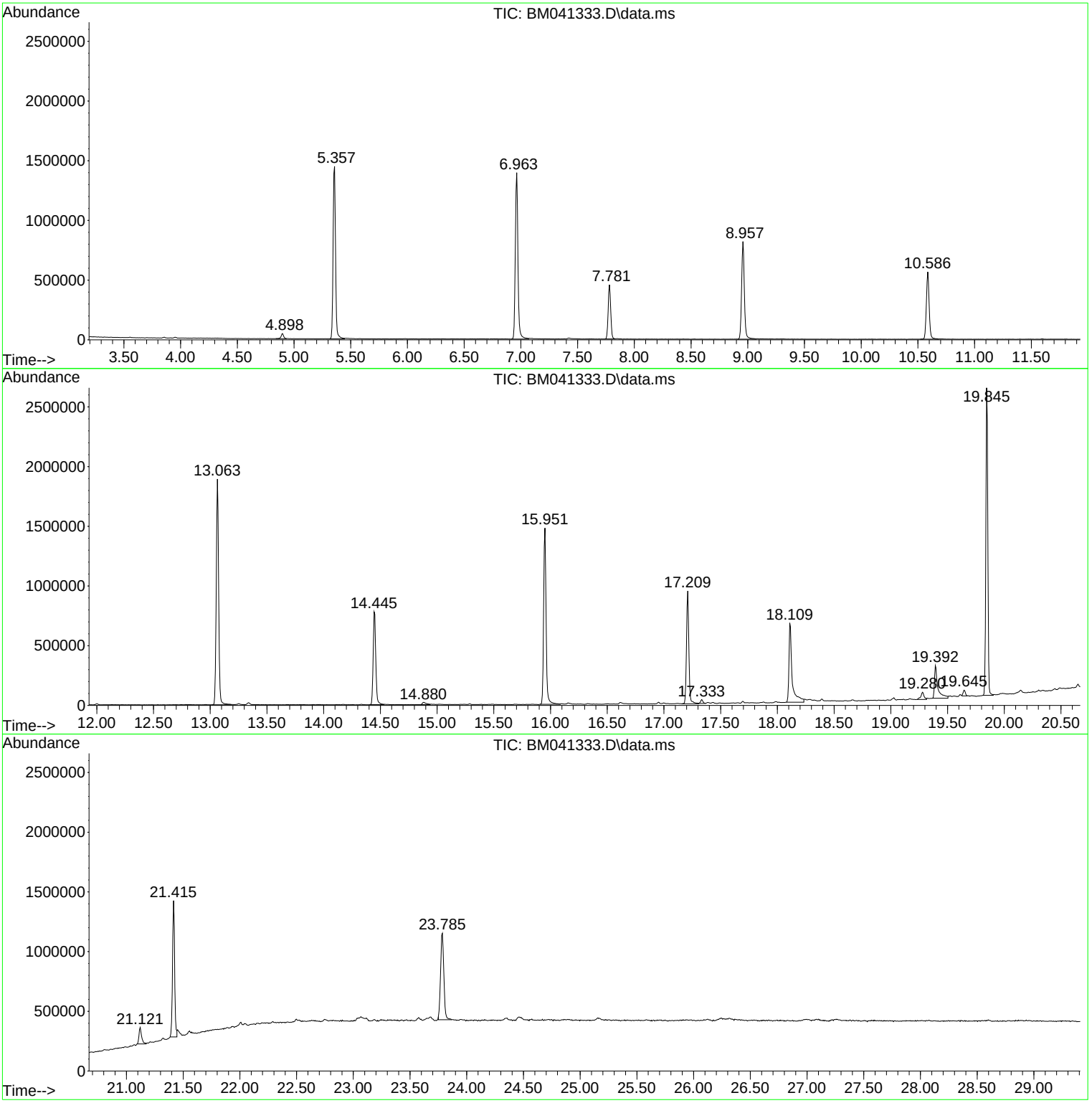
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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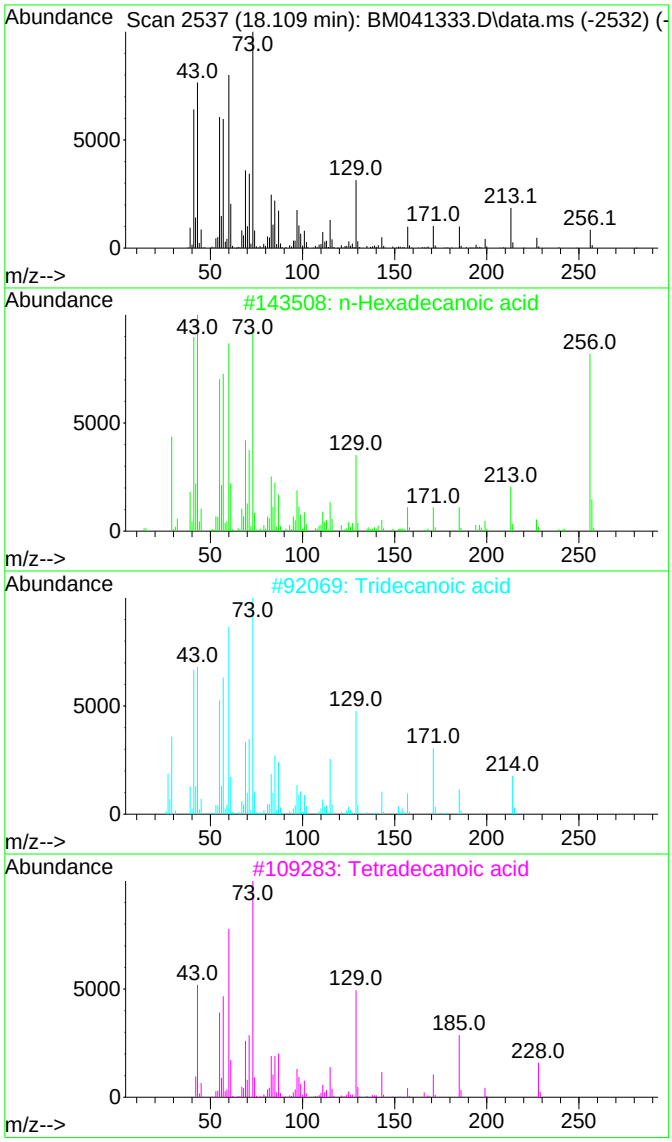
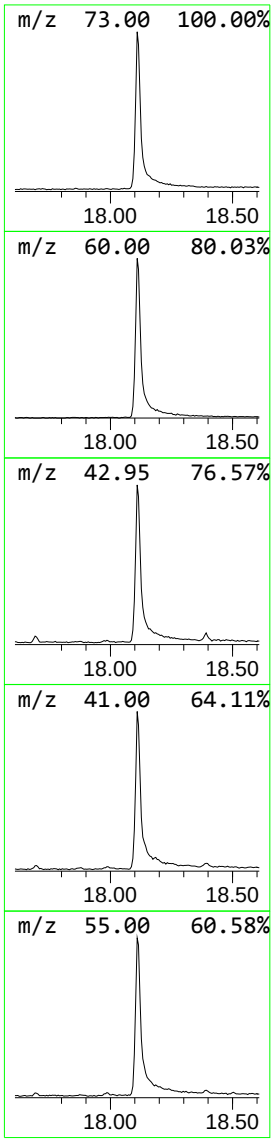
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.109	18.32 ng	1257720	Phenanthrene-d10	17.209

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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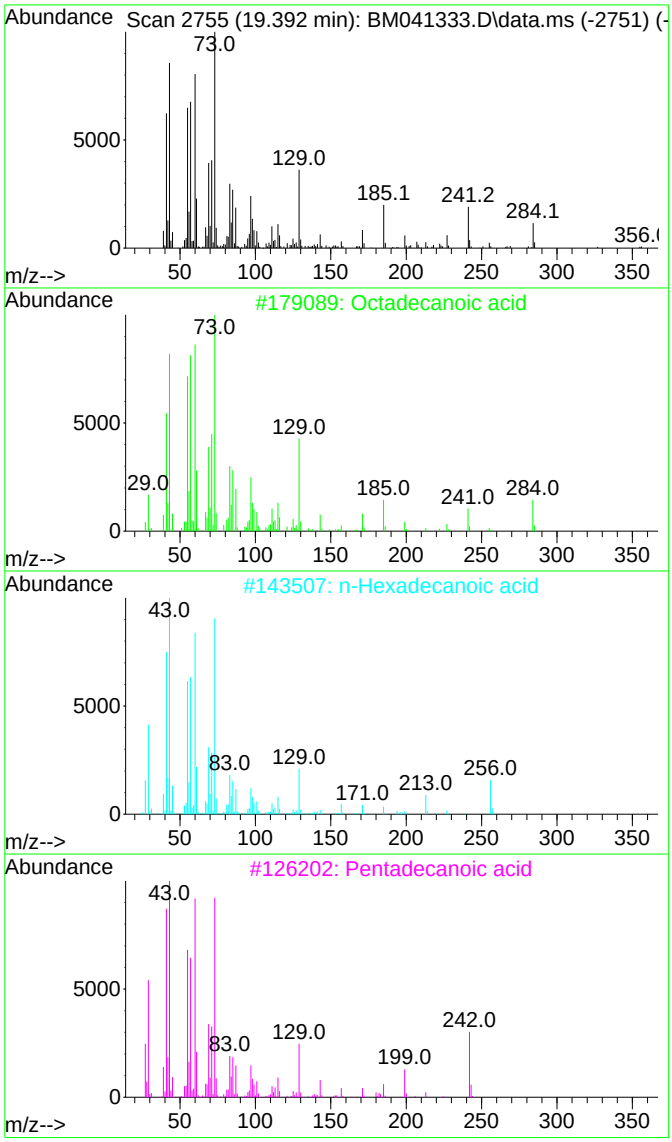
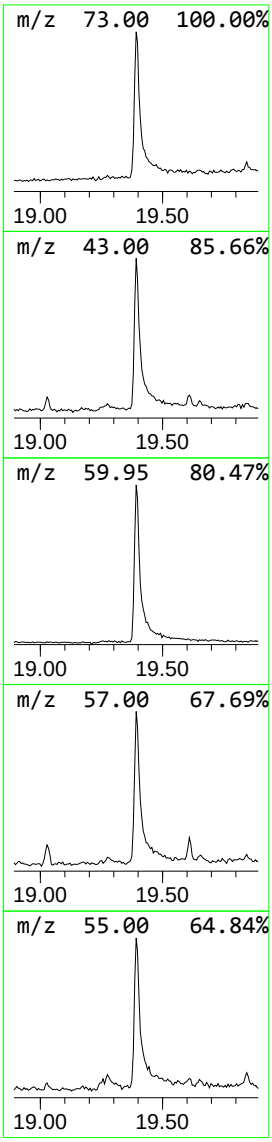
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	7.76 ng	562784	Chrysene-d12	21.415

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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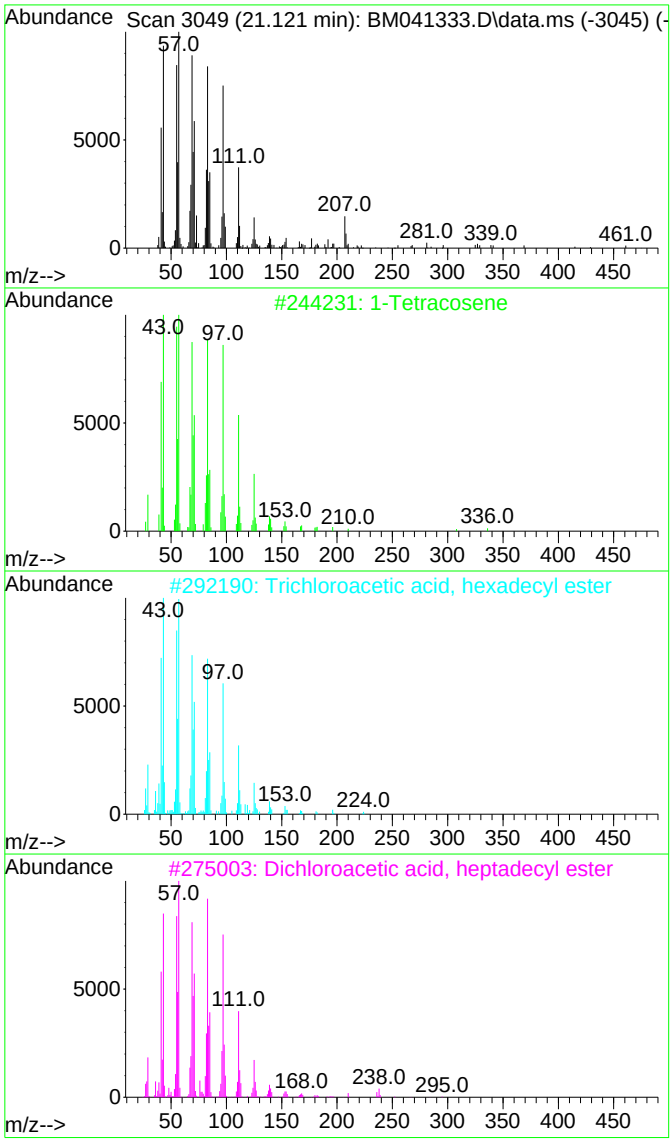
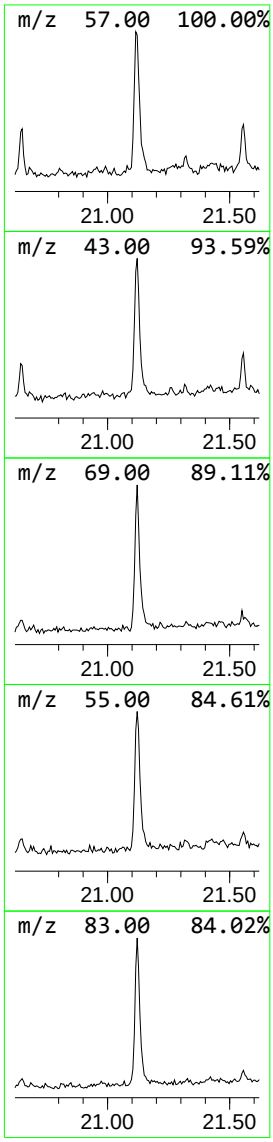
Peak Number 3 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	3.09 ng	224147	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Cyclotetradecane	196	C14H28	000295-17-0	93
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.109	18.3	ng	1257720	4	17.209	1373110	20.0
Octadecanoic acid	19.392	7.8	ng	562784	5	21.415	1449850	20.0
1-Tetracosene	21.121	3.1	ng	224147	5	21.415	1449850	20.0