LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039260.D
Acq On : 31 Mar 2023 19:23
Operator : CG/JU
Sample : 02140-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.005	285	292	301	rBV	594411	849592	8.22%	1.715%
2	5.475	366	372	386	rVB	2032222	2882437	27.87%	5.818%
3	7.081	636	645	661	rBV	1101900	1747059	16.89%	3.526%
4	7.916	780	787	795	rBV	791940	1228918	11.88%	2.481%
5	9.087	977	986	999	rBV	2684918	4404234	42.59%	8.890%
6	10.728	1255	1265	1280	rBV	1005185	1660454	16.06%	3.352%
7	13.187	1676	1683	1695	rBV	6333388	9319637	90.12%	18.812%
8	14.416	1885	1892	1909	rVB3	36077	114707	1.11%	0.232%
9	14.563	1909	1917	1929	rBV	1376307	2041532	19.74%	4.121%
10	15.922	2139	2148	2153	rBV	144065	201862	1.95%	0.407%
11	16.051	2163	2170	2191	rBV	4618144	6790511	65.66%	13.707%
12	17.310	2378	2384	2397	rBV	1597646	2235808	21.62%	4.513%
13	18.204	2531	2536	2547	rBV	300026	542516	5.25%	1.095%
14	19.480	2749	2753	2762	rBV	152105	265333	2.57%	0.536%
15	19.933	2824	2830	2844	rBV	8500766	10341436	100.00%	20.874%
16	21.198	3042	3045	3052	rVB2	168493	223109	2.16%	0.450%
17	21.492	3090	3095	3104	rBV	1752861	2296693	22.21%	4.636%
18	23.904	3499	3505	3517	rVB2	1189061	2396126	23.17%	4.837%

Sum of corrected areas: 49541964

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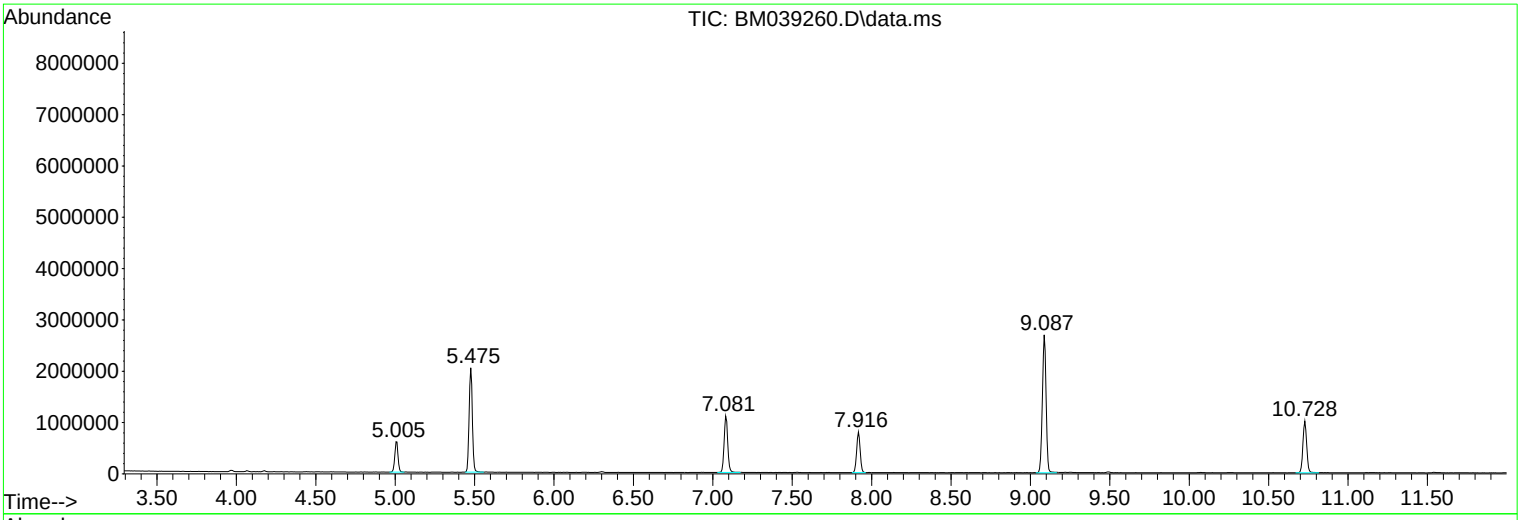
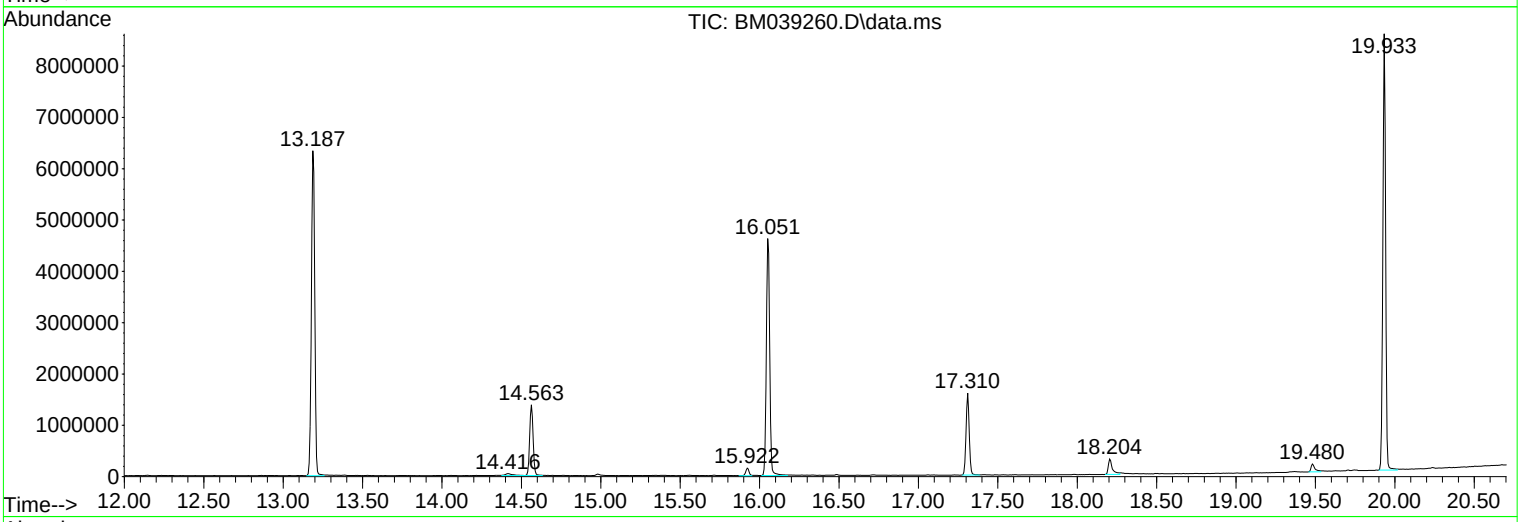
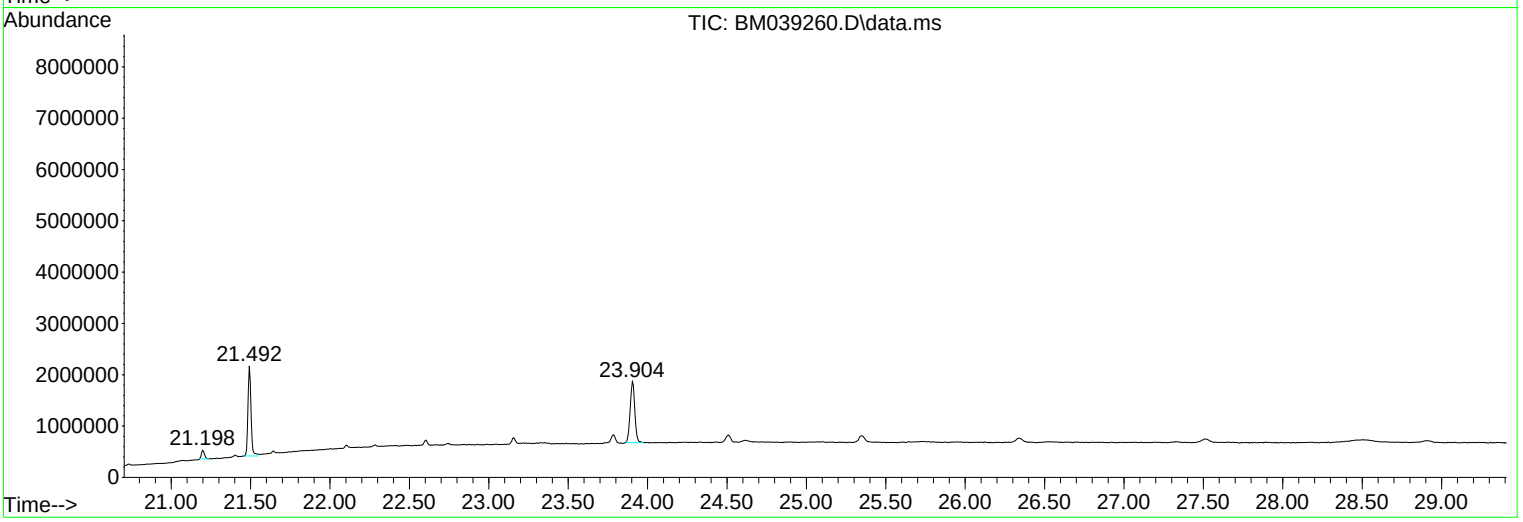
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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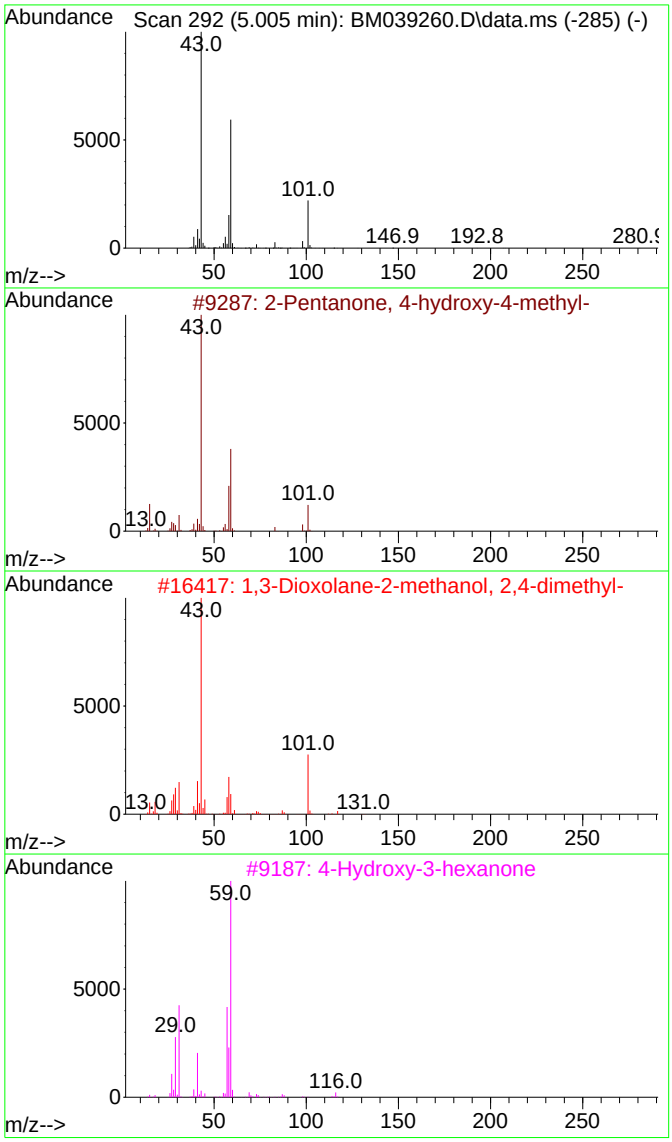
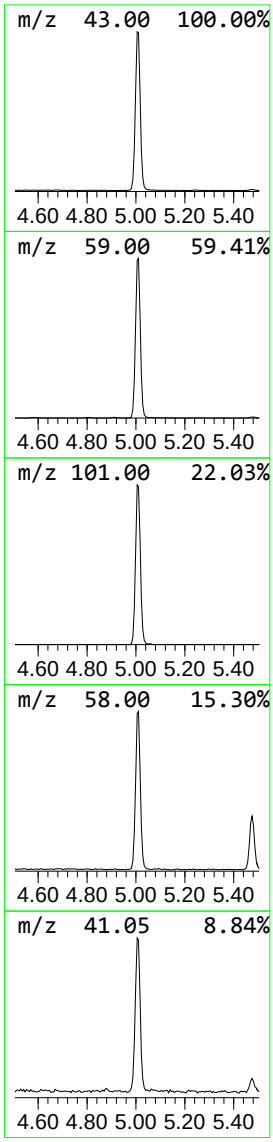
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.005	13.83 ng	849592	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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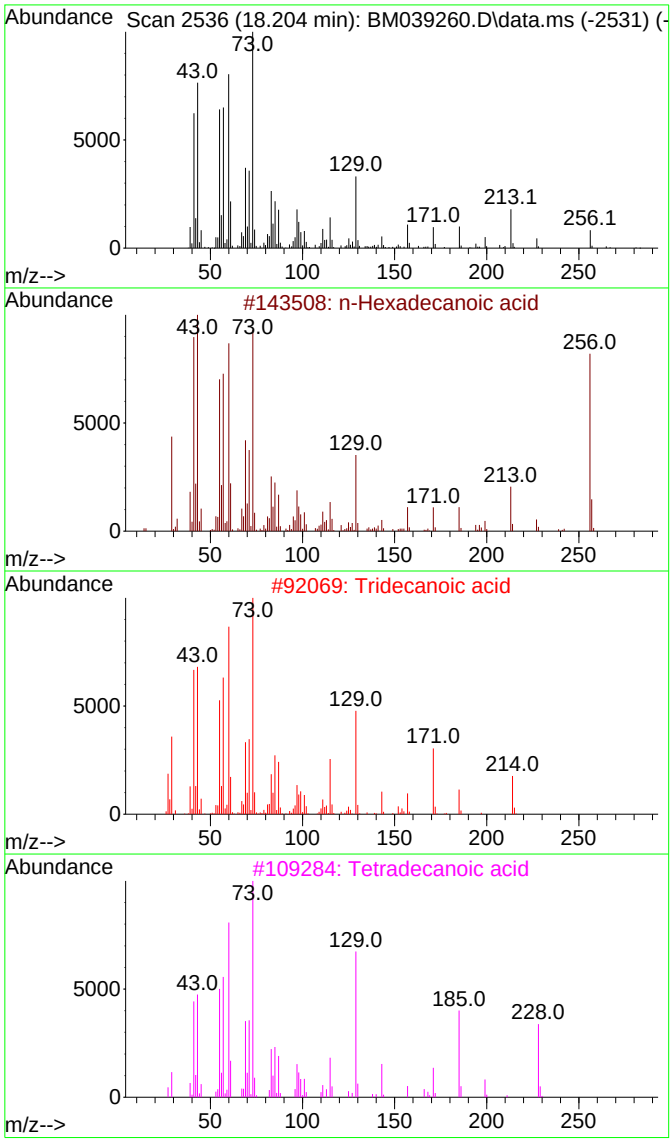
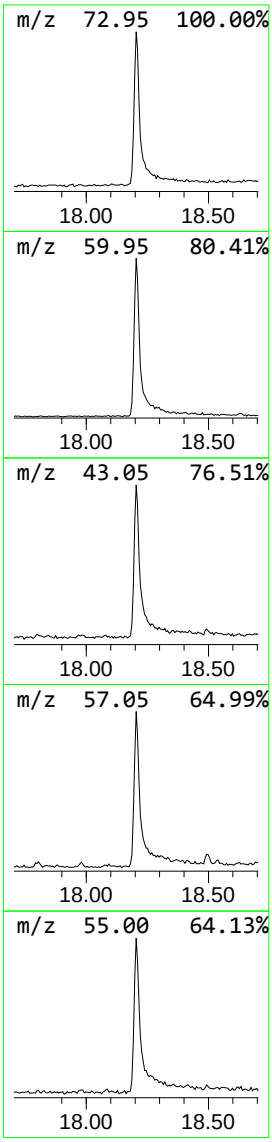
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	4.85 ng	542516	Phenanthrene-d10	17.310

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	64





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Instrument :
BNA_M
ClientSampleId :
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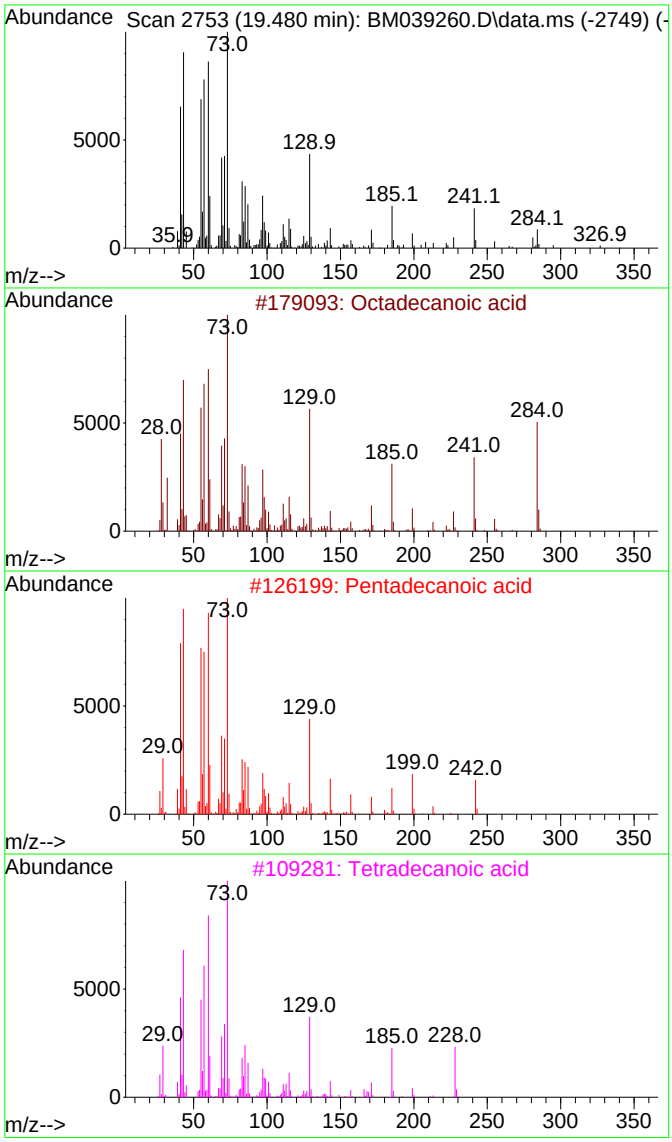
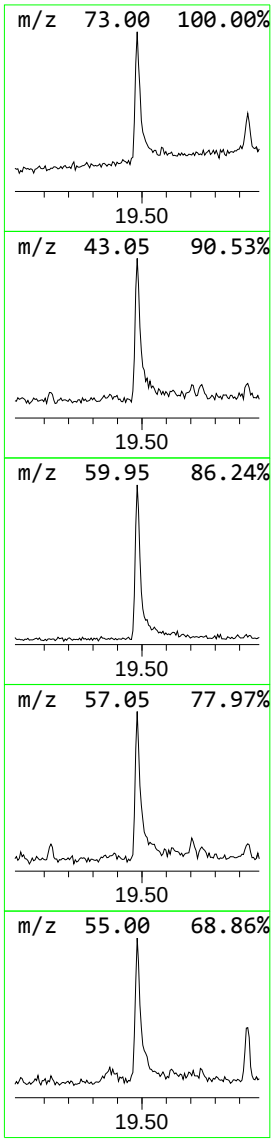
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	2.31 ng	265333	Chrysene-d12	21.492

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	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.005	13.8	ng	849592	1	7.916	1228920	20.0
n-Hexadecanoic ...	18.204	4.8	ng	542516	4	17.310	2235810	20.0
Octadecanoic acid	19.480	2.3	ng	265333	5	21.492	2296690	20.0