LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041236.D
Acq On : 02 Aug 2023 09:38
Operator : MA/JU
Sample : PB154407BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB154407BL

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: BM041236.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	365	371	384	rBV	2718973	3766887	47.15%	10.201%
2	6.981	637	645	660	rBV	2450710	3786811	47.40%	10.255%
3	7.792	776	783	791	rBV	508959	776431	9.72%	2.103%
4	8.975	975	984	998	rBV	1496435	2437053	30.51%	6.600%
5	10.604	1254	1261	1269	rBV	615051	1023429	12.81%	2.771%
6	13.080	1675	1682	1697	rBV	3776334	5356680	67.05%	14.506%
7	14.345	1884	1897	1911	rBV	175167	559243	7.00%	1.514%
8	14.462	1911	1917	1929	rVB	895908	1308459	16.38%	3.543%
9	14.886	1983	1989	2000	rBV2	51943	99954	1.25%	0.271%
10	15.962	2163	2172	2184	rBV	3109147	4317441	54.04%	11.692%
11	17.221	2380	2386	2399	rBV	1079707	1500001	18.78%	4.062%
12	18.121	2534	2539	2549	rBV	200793	367449	4.60%	0.995%
13	19.403	2753	2757	2767	rBV	106723	194583	2.44%	0.527%
14	19.862	2829	2835	2843	rBV	6692874	7988878	100.00%	21.634%
15	21.427	3097	3101	3108	rBV	1372336	1641391	20.55%	4.445%
16	23.803	3500	3505	3512	rVB	953437	1802570	22.56%	4.881%

Sum of corrected areas: 36927260

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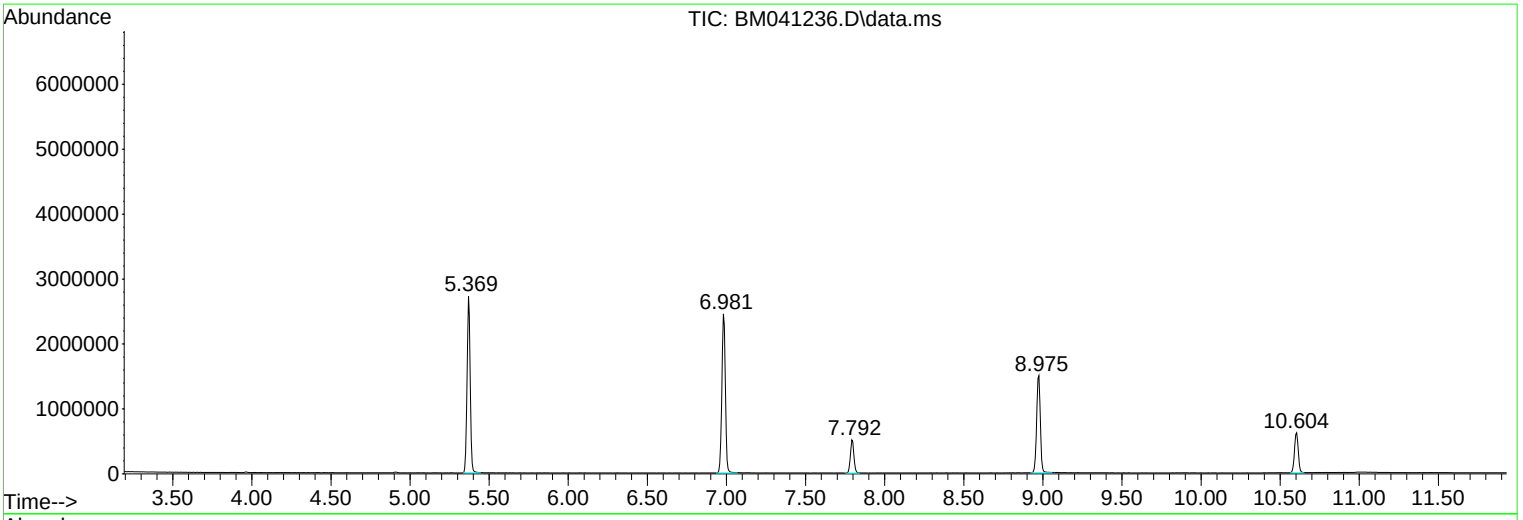
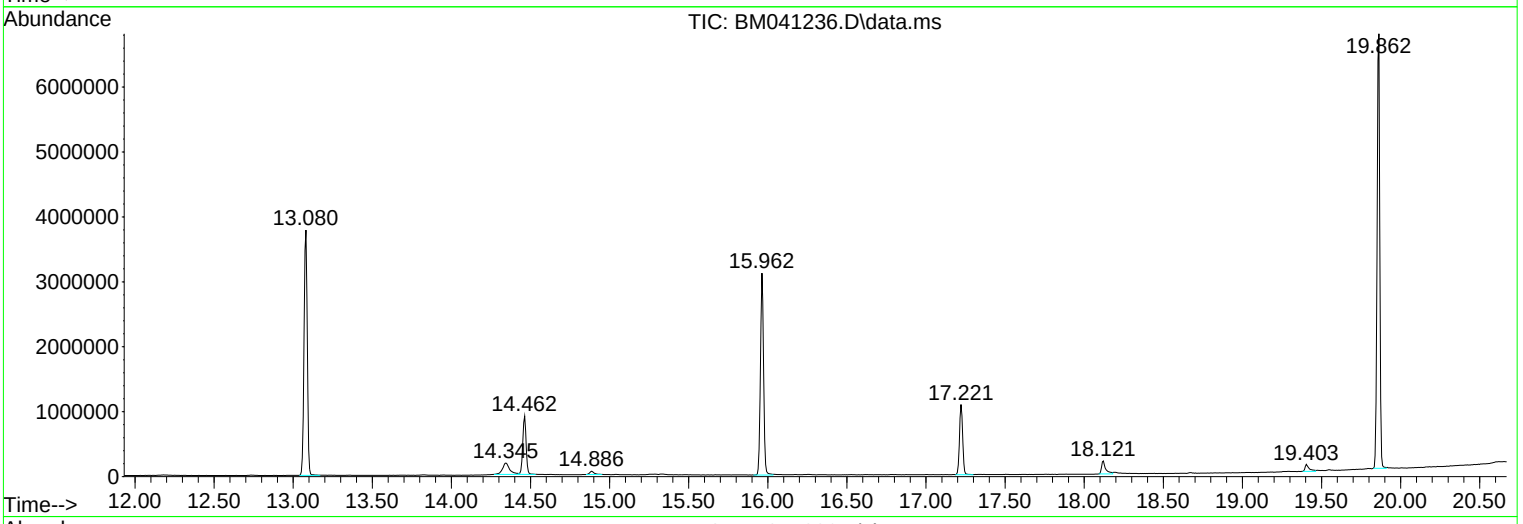
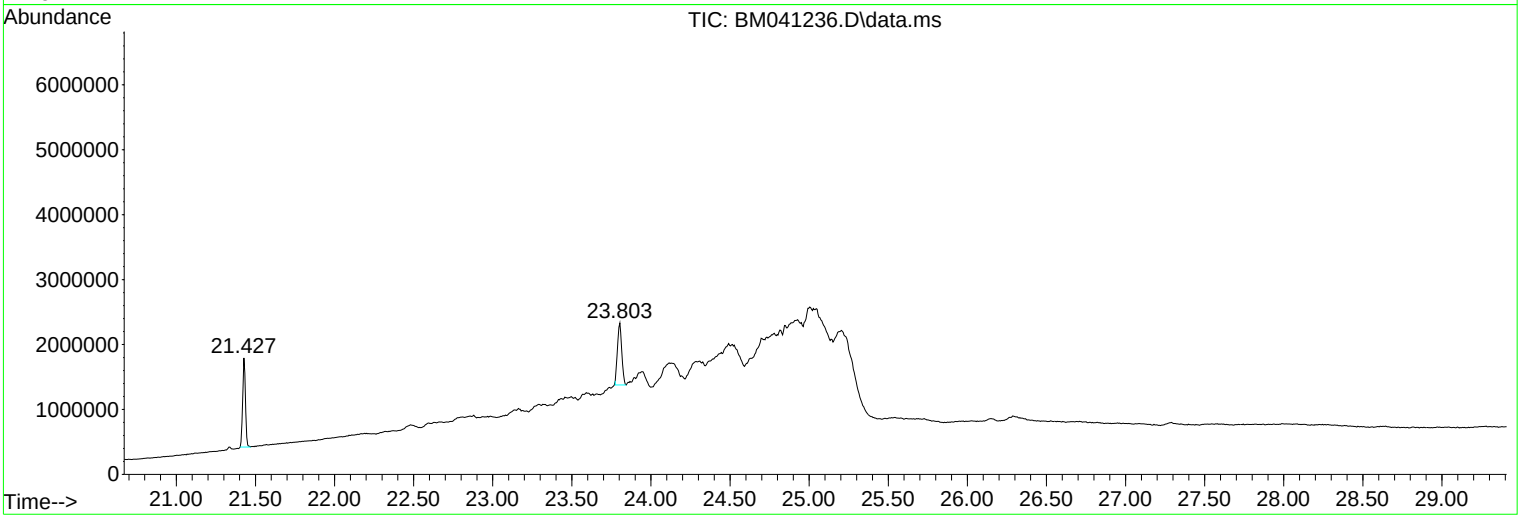
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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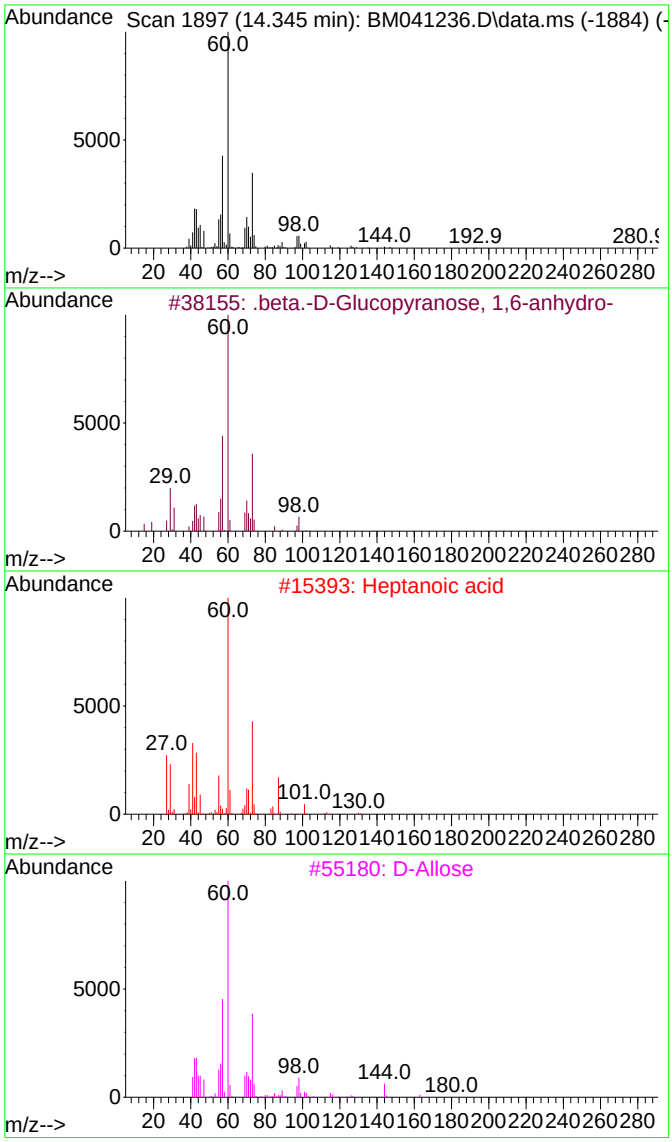
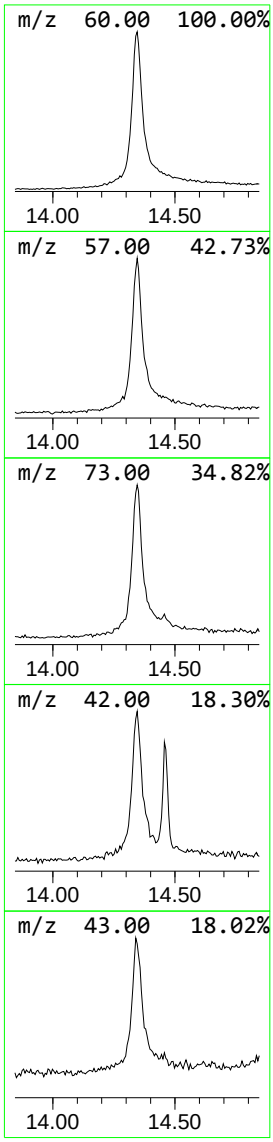
Peak Number 1 .beta.-D-Glucopyranose, 1,6... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	8.55 ng	559243	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	72
2	Heptanoic acid	130	C7H14O2	000111-14-8	64
3	D-Allose	180	C6H12O6	002595-97-3	64
4	Butanoic acid	88	C4H8O2	000107-92-6	53
5	Hexanoic acid	116	C6H12O2	000142-62-1	53





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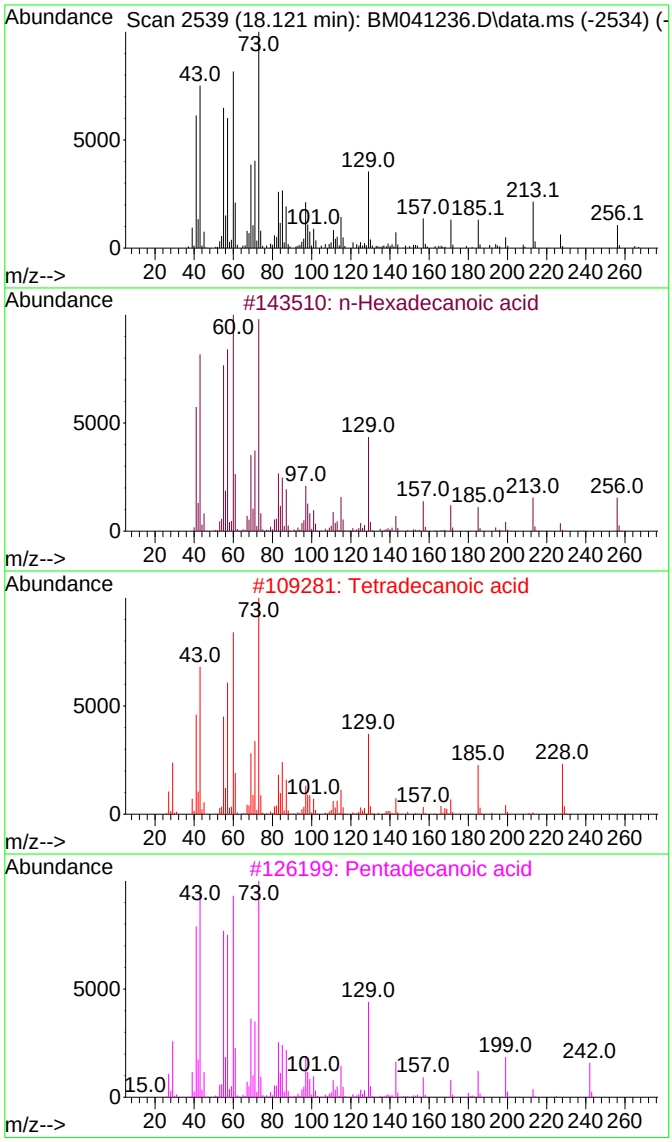
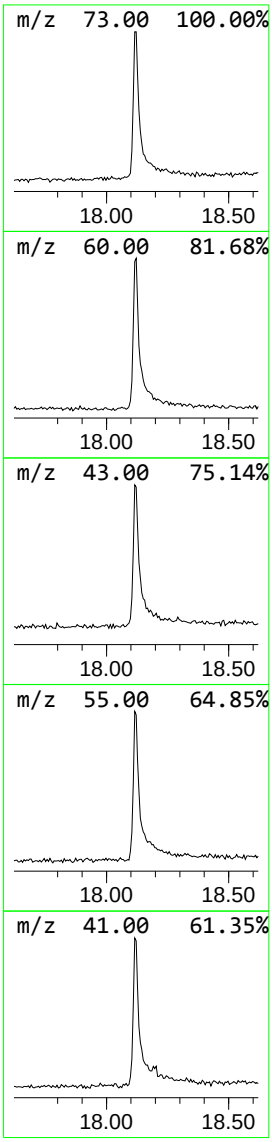
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	4.90 ng	367449	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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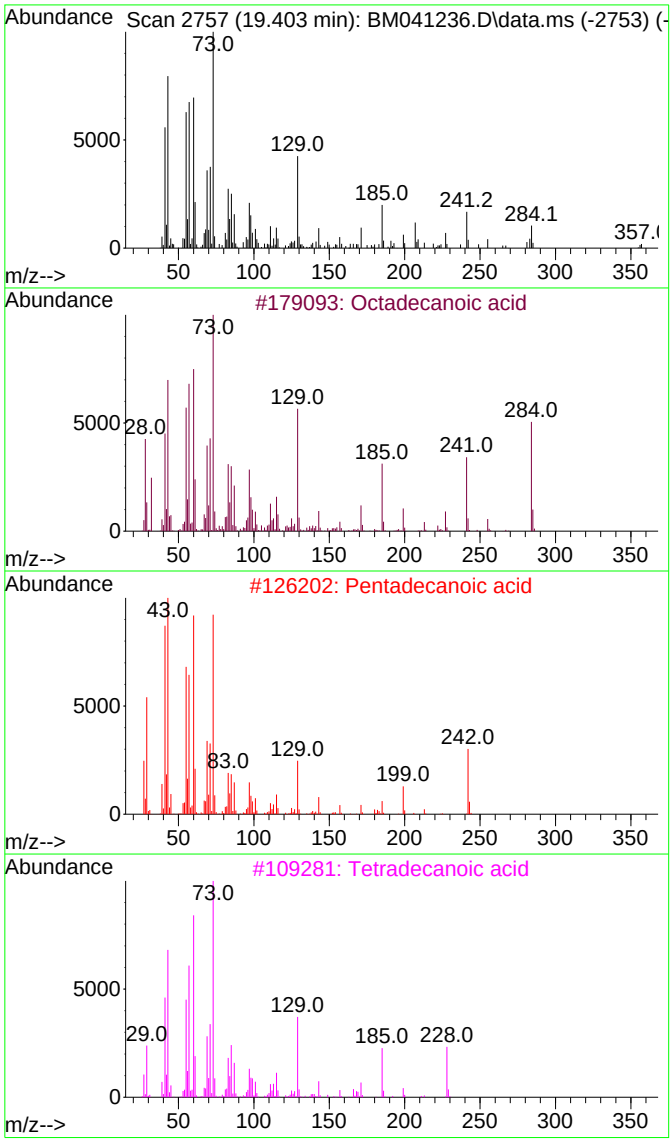
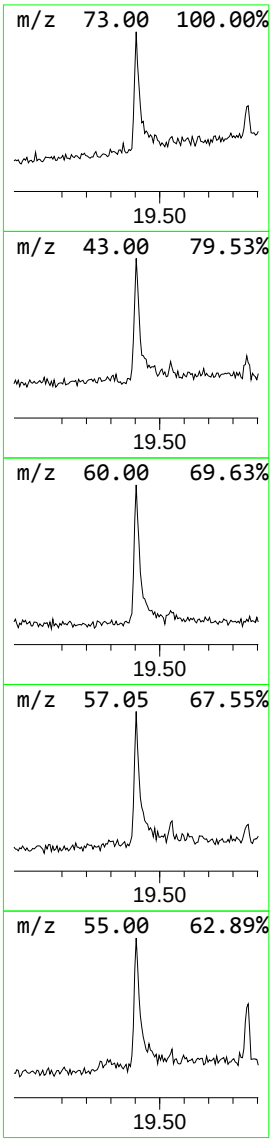
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.403	2.37 ng	194583	Chrysene-d12	21.427

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	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.beta.-D-Glucop...	14.345	8.6	ng	559243	3	14.463	1308460	20.0
n-Hexadecanoic ...	18.121	4.9	ng	367449	4	17.221	1500000	20.0
Octadecanoic acid	19.403	2.4	ng	194583	5	21.427	1641390	20.0