LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
Data File : BM038725.D
Acq On : 14 Feb 2023 11:37
Operator : CG/JU
Sample : PB150810BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB150810BL

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-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038725.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	301	306	316	rBV	273035	371518	21.47%	3.811%
2	5.464	380	387	399	rBV	798216	1136439	65.68%	11.658%
3	7.075	654	661	672	rBV	717999	1085374	62.73%	11.134%
4	7.899	796	801	810	rVB	159496	239847	13.86%	2.460%
5	9.075	994	1001	1011	rBV	412884	653158	37.75%	6.700%
6	10.710	1272	1279	1288	rBV	177585	279143	16.13%	2.864%
7	13.169	1690	1697	1706	rBV	1194588	1675201	96.82%	17.185%
8	14.540	1924	1930	1939	rBV	243663	347278	20.07%	3.563%
9	16.034	2178	2184	2196	rBV	773140	1064551	61.53%	10.921%
10	17.286	2390	2397	2406	rBV	253584	342374	19.79%	3.512%
11	18.169	2540	2547	2558	rBV	57839	98861	5.71%	1.014%
12	19.445	2760	2764	2775	rBV3	31680	52606	3.04%	0.540%
13	19.904	2836	2842	2847	rBV	1487062	1730147	100.00%	17.749%
14	21.463	3102	3107	3113	rBV	235838	312269	18.05%	3.203%
15	23.839	3505	3511	3520	rVB2	202078	359141	20.76%	3.684%

Sum of corrected areas: 9747907

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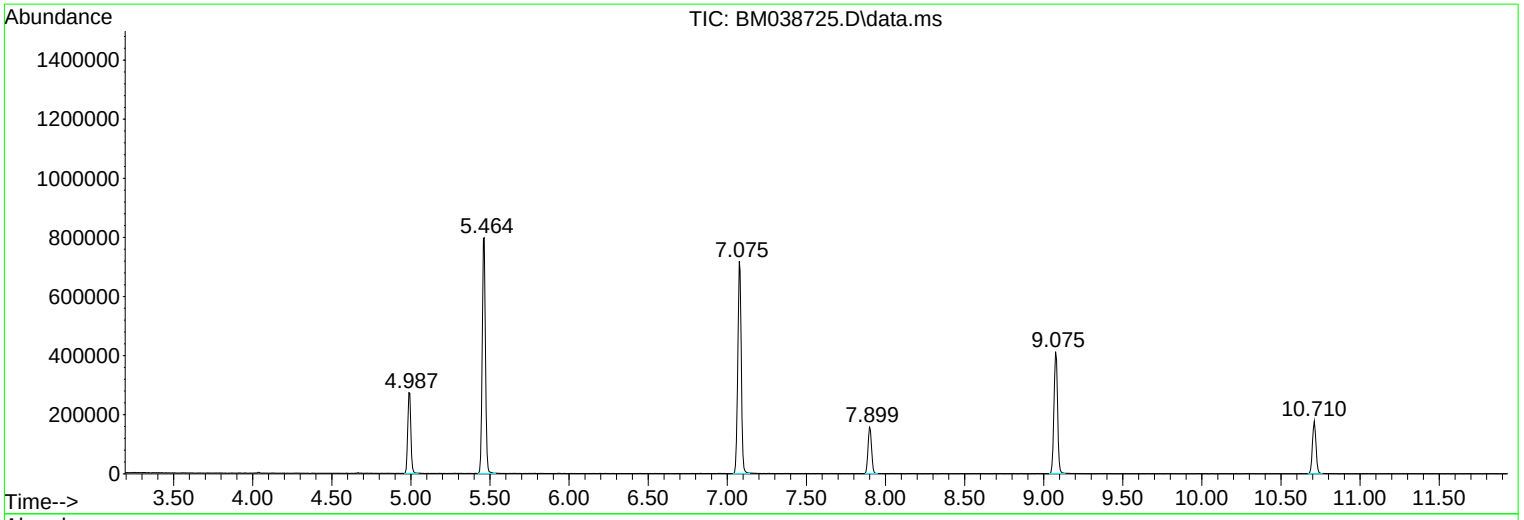
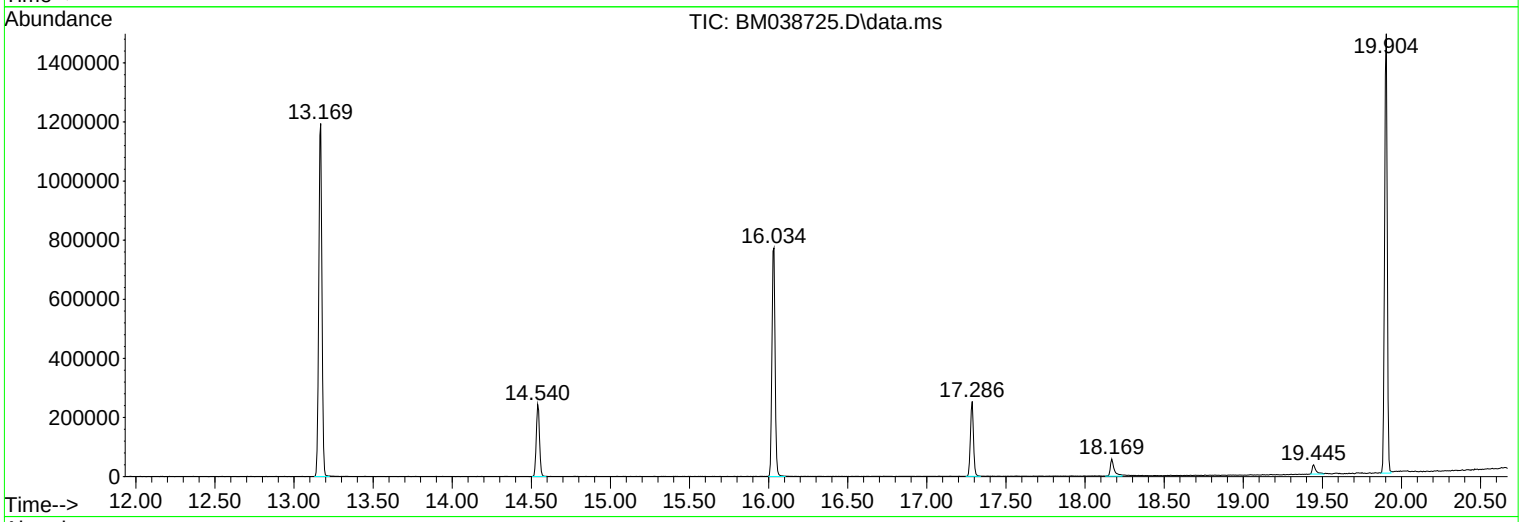
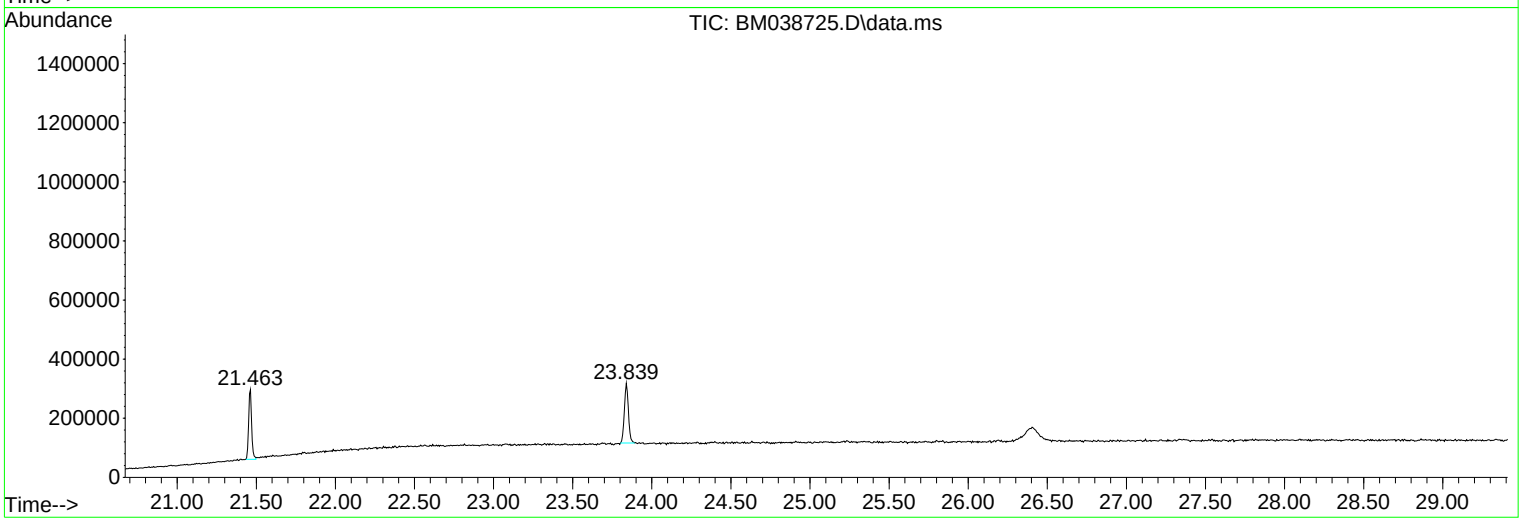
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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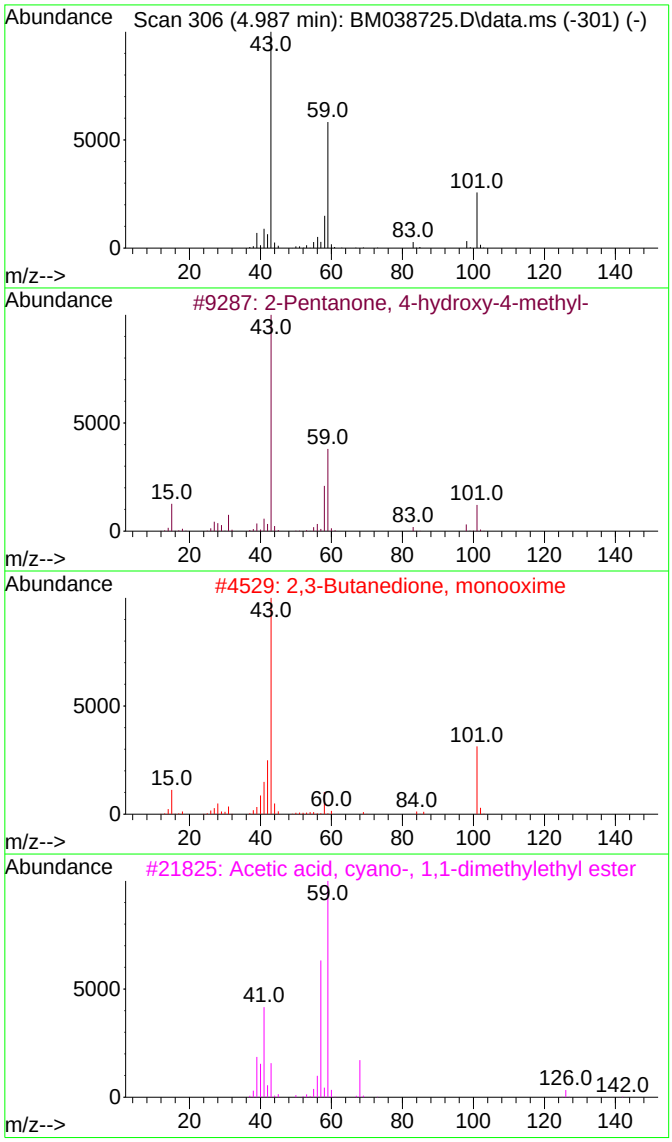
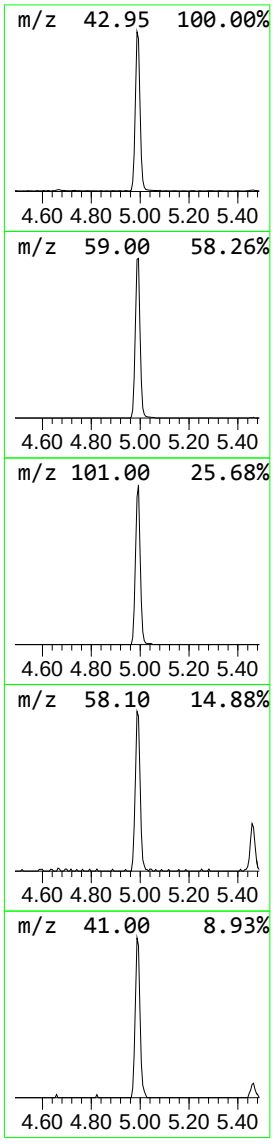
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	30.98 ng	371518	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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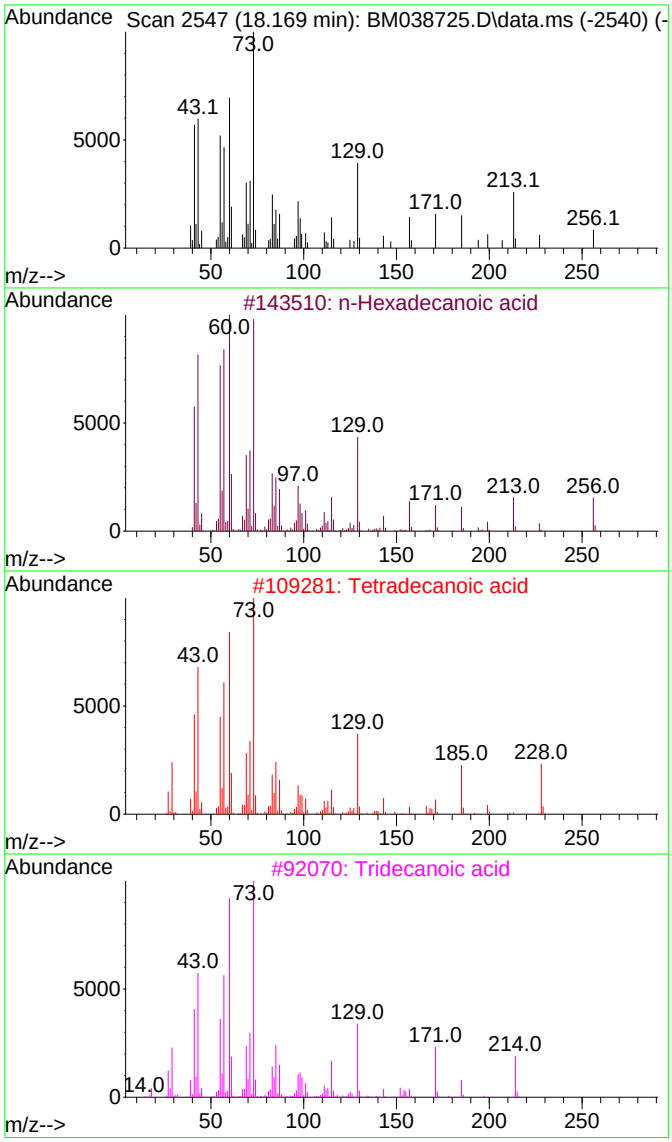
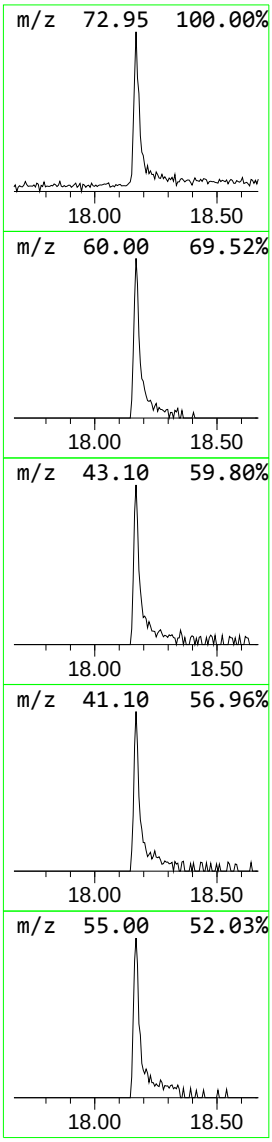
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	5.78 ng	98861	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





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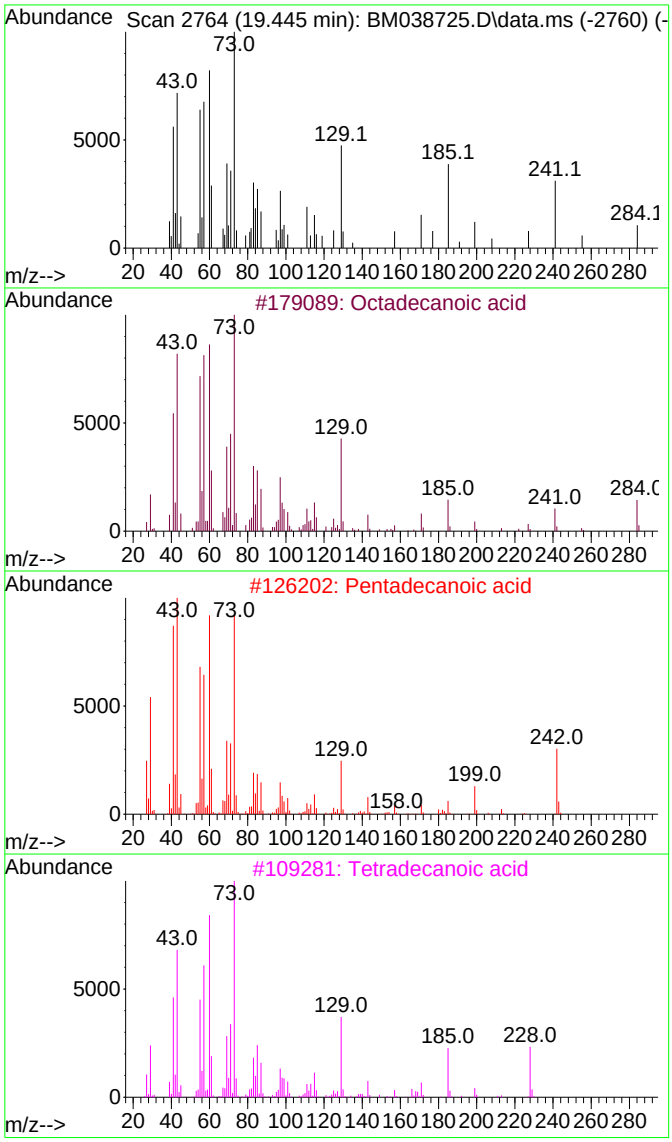
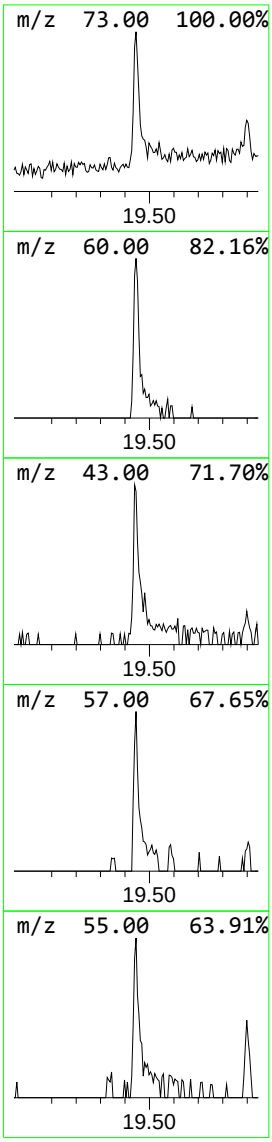
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	3.37 ng	52606	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	60
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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-...	4.987	31.0	ng	371518	1	7.899	239847	20.0
n-Hexadecanoic ...	18.169	5.8	ng	98861	4	17.286	342374	20.0
Octadecanoic acid	19.445	3.4	ng	52606	5	21.463	312269	20.0