LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037467.D
Acq On : 11 Nov 2022 15:03
Operator : CG/JU
Sample : N5532-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-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-BM102822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM037467.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.916	306	311	321	rVB	220724	317527	2.59%	0.546%
2	5.381	383	390	405	rBV	1666450	2537112	20.70%	4.362%
3	6.987	656	663	682	rBV	830298	1425750	11.63%	2.451%
4	7.804	795	802	811	rBV	882497	1381673	11.27%	2.376%
5	8.981	993	1002	1025	rBV	2708370	4710852	38.44%	8.100%
6	10.604	1271	1278	1291	rBV	1112801	1926029	15.72%	3.312%
7	13.074	1691	1698	1721	rBV	8442388	11909546	97.18%	20.477%
8	14.451	1925	1932	1944	rBV	1883152	2772476	22.62%	4.767%
9	15.945	2179	2186	2210	rBV	6623661	9407333	76.76%	16.175%
10	17.198	2392	2399	2414	rBV	2283580	3240763	26.44%	5.572%
11	17.321	2414	2420	2428	rVB	190952	278560	2.27%	0.479%
12	18.092	2547	2551	2561	rBV	180015	387918	3.17%	0.667%
13	19.374	2765	2769	2776	rBV2	163460	309261	2.52%	0.532%
14	19.821	2840	2845	2856	rBV	9972594	12255547	100.00%	21.072%
15	20.586	2972	2975	2978	rBV	130160	140264	1.14%	0.241%
16	21.380	3106	3110	3118	rBV	2292894	2919363	23.82%	5.019%
17	23.721	3502	3508	3516	rVB2	1148137	2241037	18.29%	3.853%

Sum of corrected areas: 58161011

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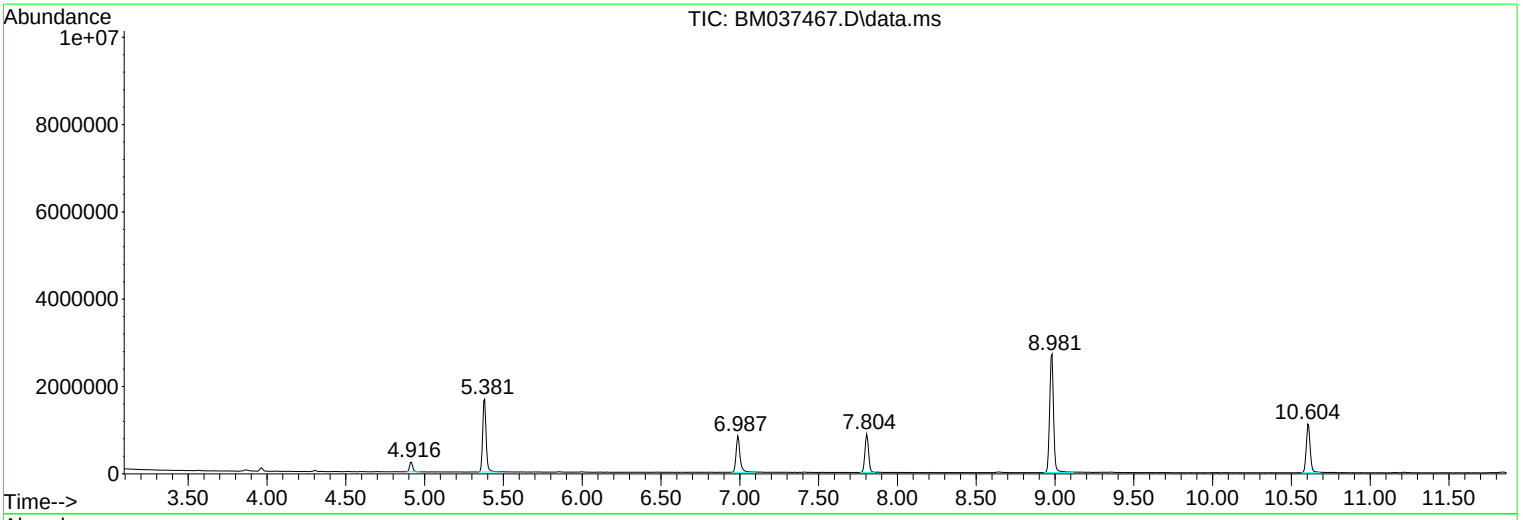
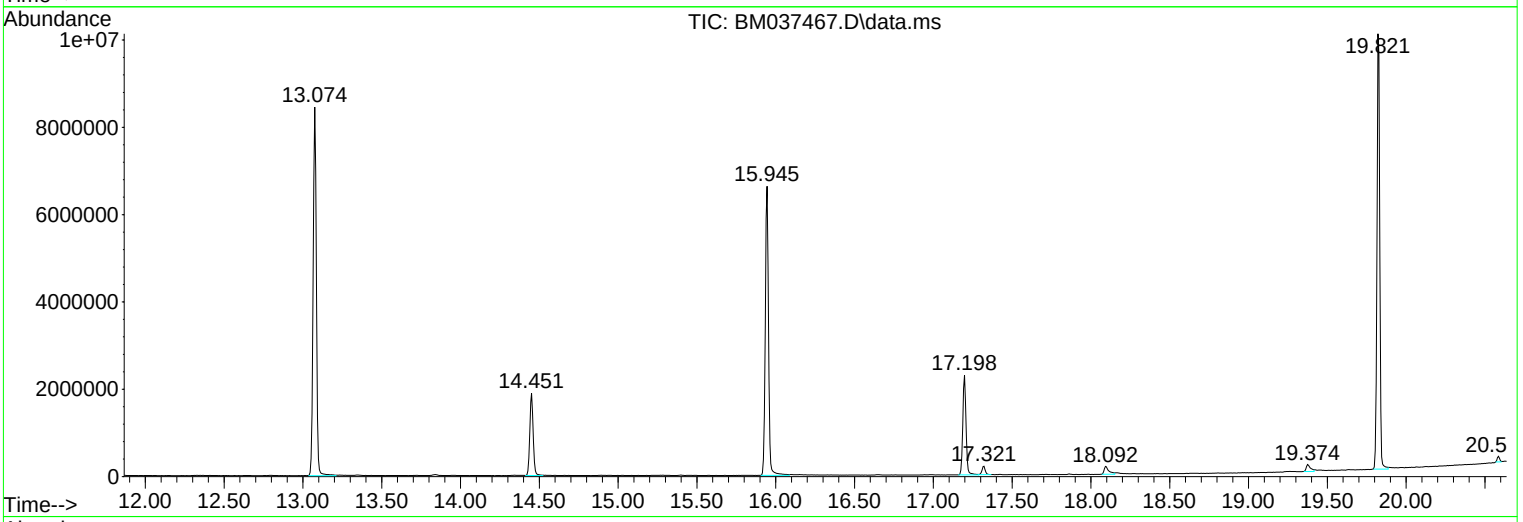
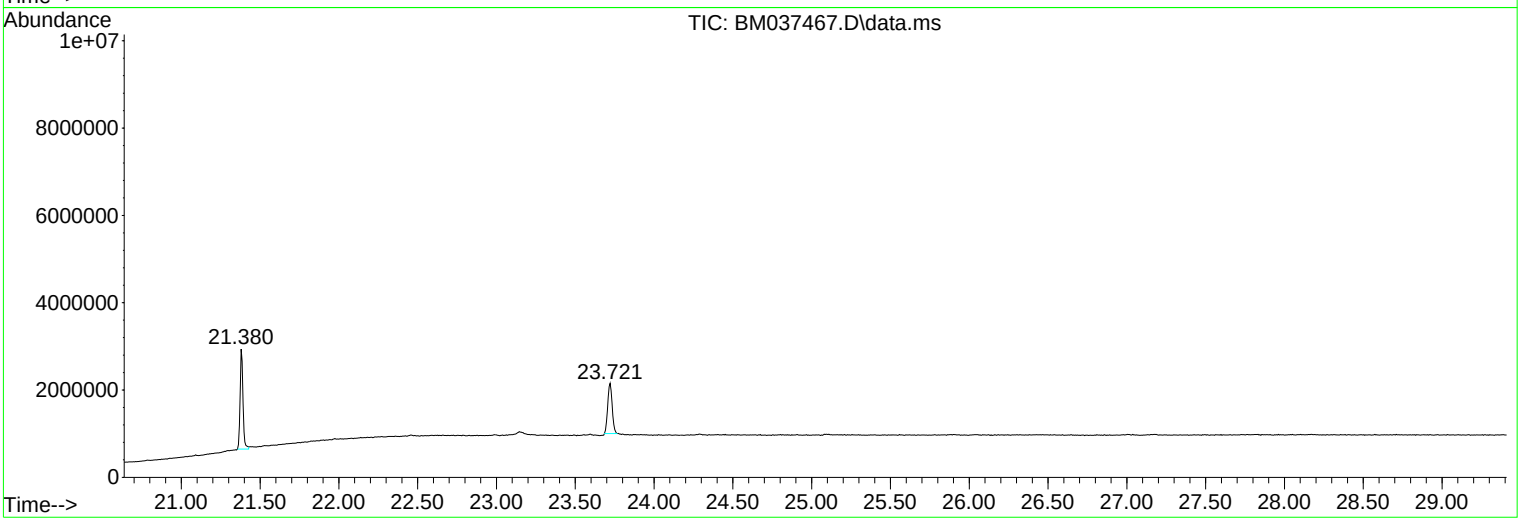
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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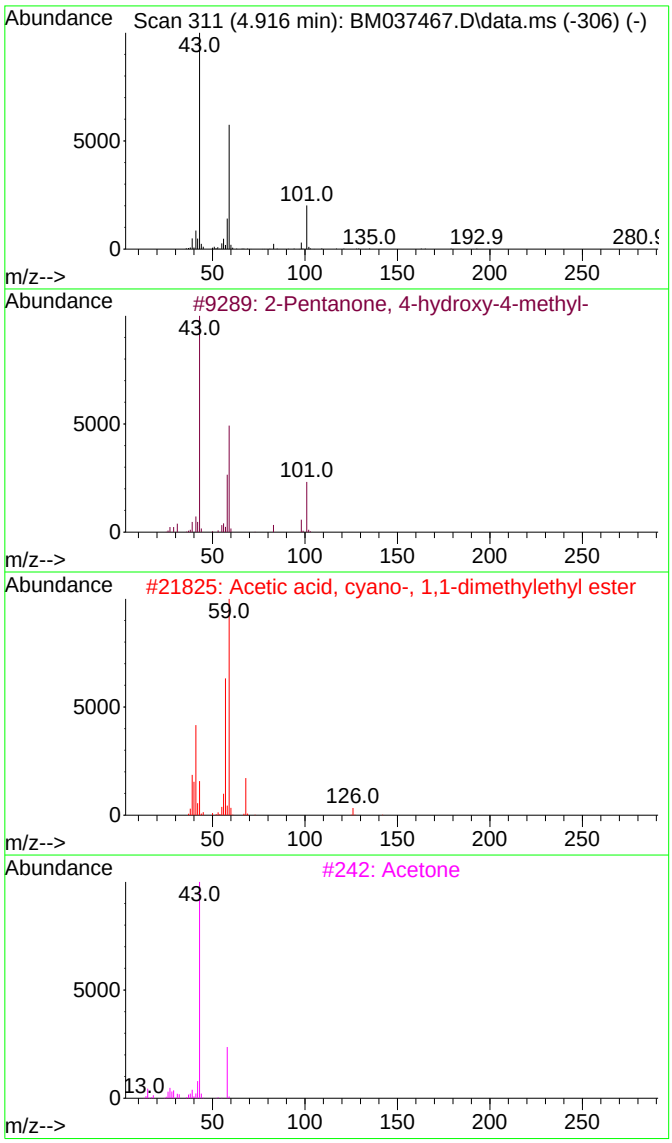
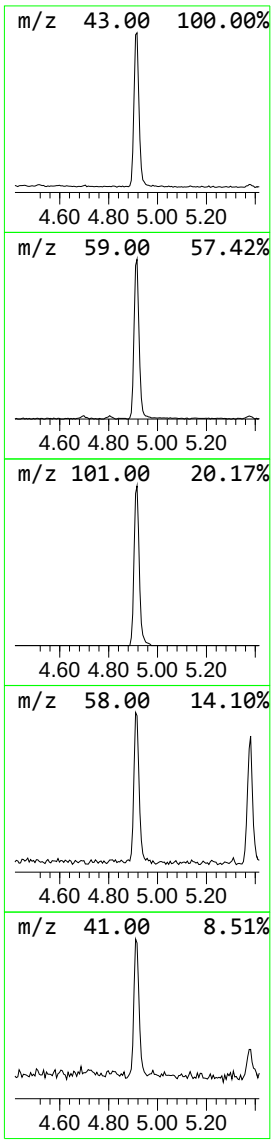
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.916	4.60 ng	317527	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9





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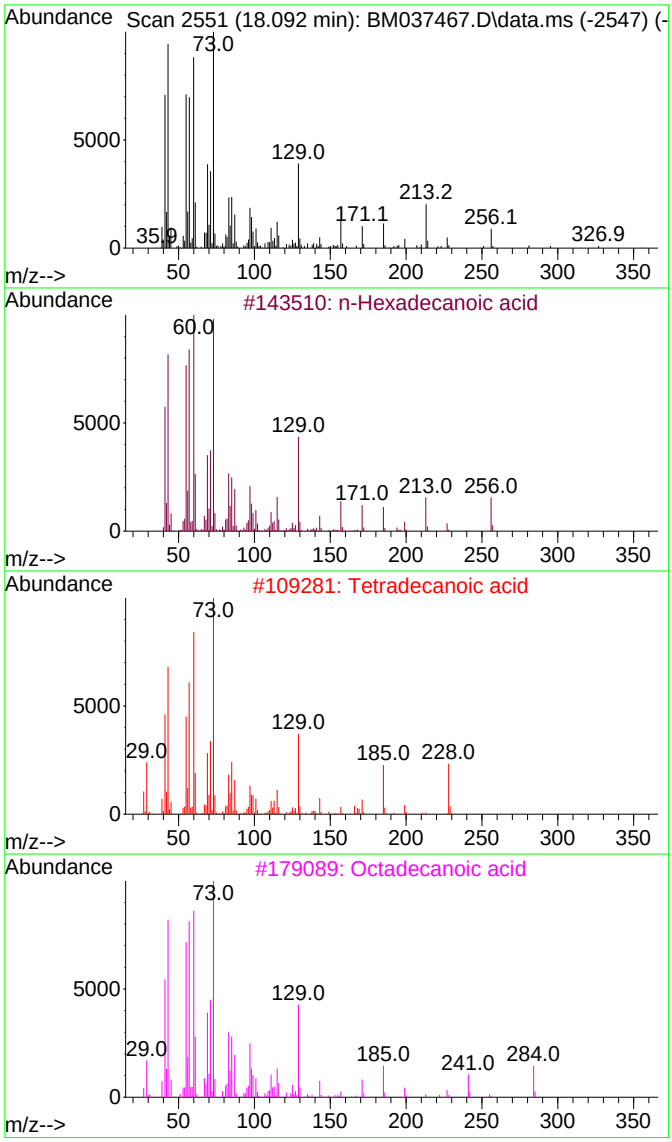
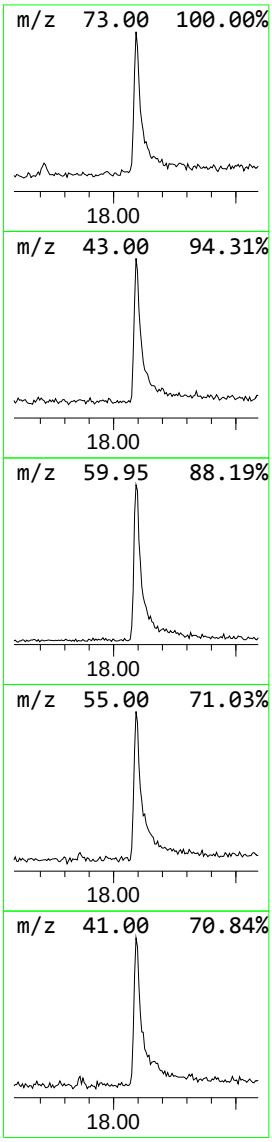
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	2.39 ng	387918	Phenanthrene-d10	17.198

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	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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BNA_M
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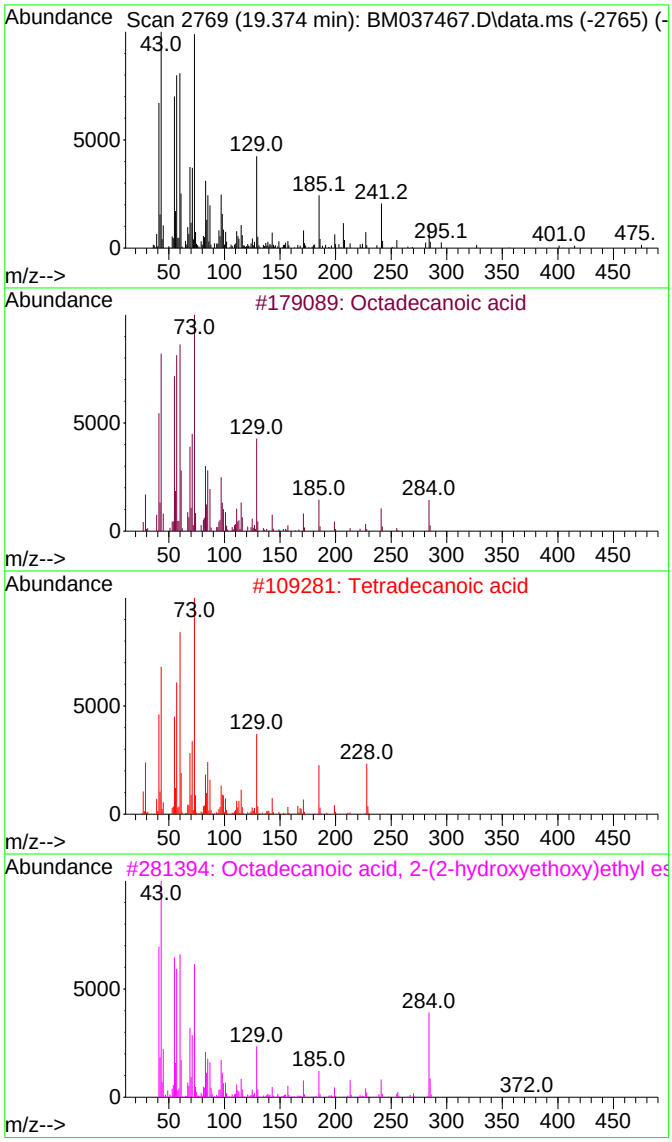
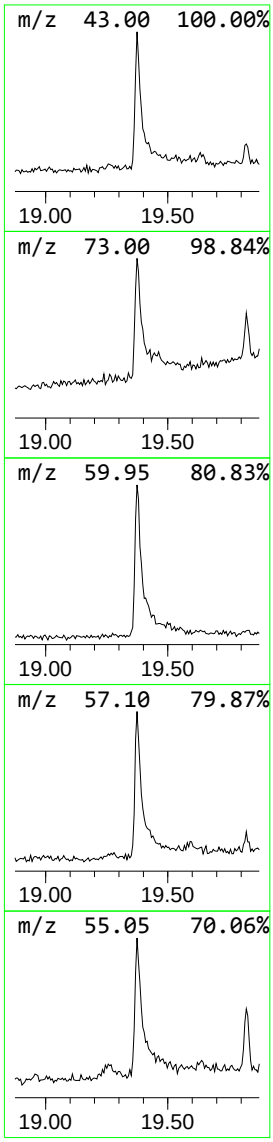
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.374	2.12 ng	309261	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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-...	4.916	4.6	ng	317527	1	7.804	1381670	20.0
n-Hexadecanoic ...	18.092	2.4	ng	387918	4	17.198	3240760	20.0
Octadecanoic acid	19.374	2.1	ng	309261	5	21.380	2919360	20.0