LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
Data File : BM036177.D
Acq On : 09 Aug 2022 16:16
Operator : CG/JU
Sample : N4101-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP2-8-8

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-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.946	309	316	323	rBV	310113	435529	4.50%	0.805%
2	5.434	392	399	410	rBV	4085194	5989707	61.88%	11.064%
3	7.057	665	675	688	rBV	3910788	6169791	63.74%	11.397%
4	7.840	800	808	818	rBV	903146	1411948	14.59%	2.608%
5	9.016	999	1008	1022	rBV	2372324	3878519	40.07%	7.164%
6	10.645	1277	1285	1294	rBV	1137713	1891378	19.54%	3.494%
7	13.110	1694	1704	1717	rBV	5116469	7443971	76.90%	13.751%
8	14.486	1931	1938	1952	rVB	1547843	2194999	22.68%	4.055%
9	15.974	2185	2191	2205	rBV	3852812	5626154	58.12%	10.393%
10	17.227	2398	2404	2412	rBV	1758451	2438278	25.19%	4.504%
11	18.127	2553	2557	2566	rBV	279271	420076	4.34%	0.776%
12	19.851	2845	2850	2857	rBV	7808109	9679540	100.00%	17.880%
13	21.121	3062	3066	3071	rBV	572891	699896	7.23%	1.293%
14	21.409	3111	3115	3120	rBV	2292738	2769297	28.61%	5.115%
15	23.768	3510	3516	3524	rVB2	1627395	3086471	31.89%	5.701%

Sum of corrected areas: 54135554

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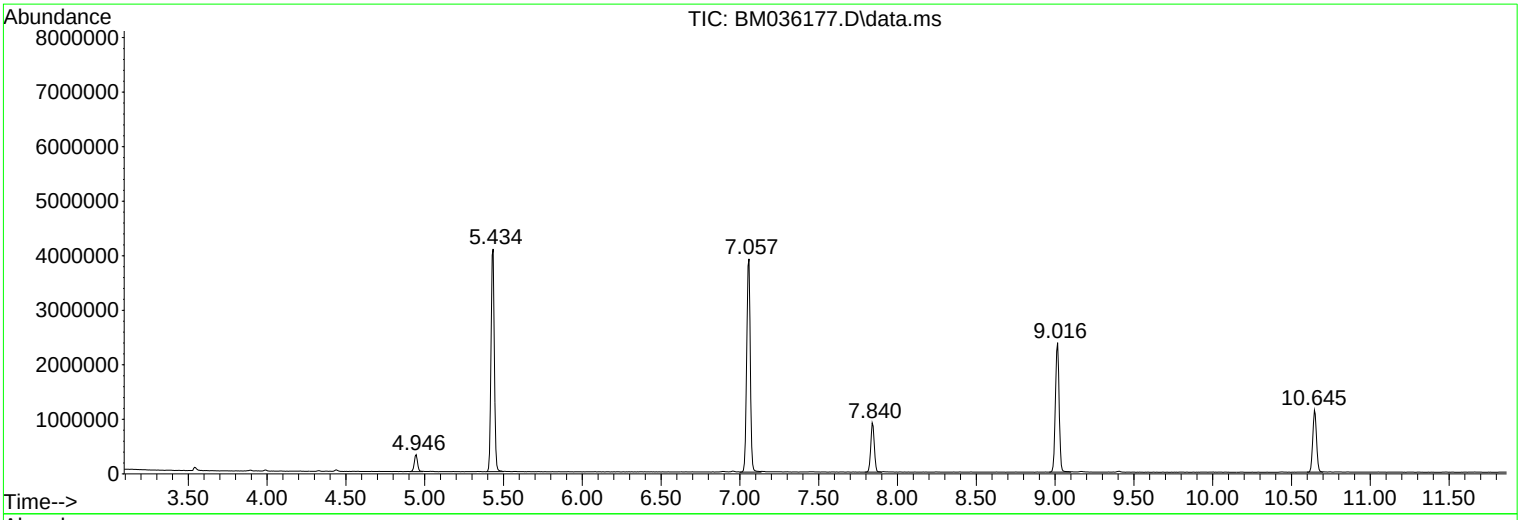
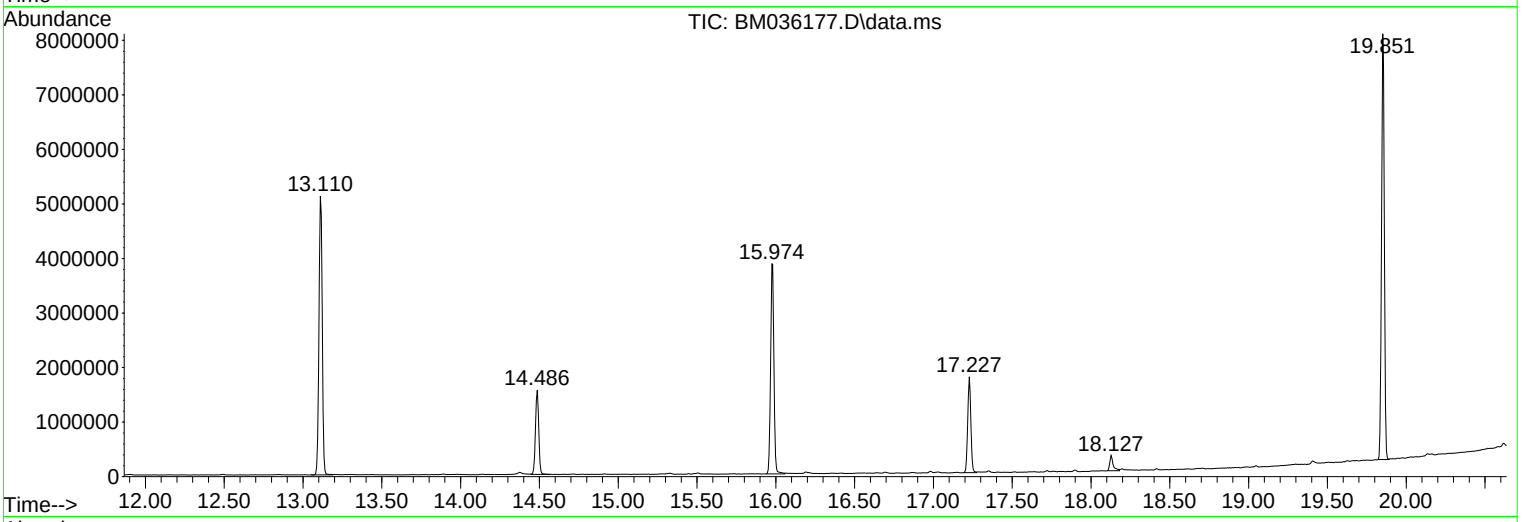
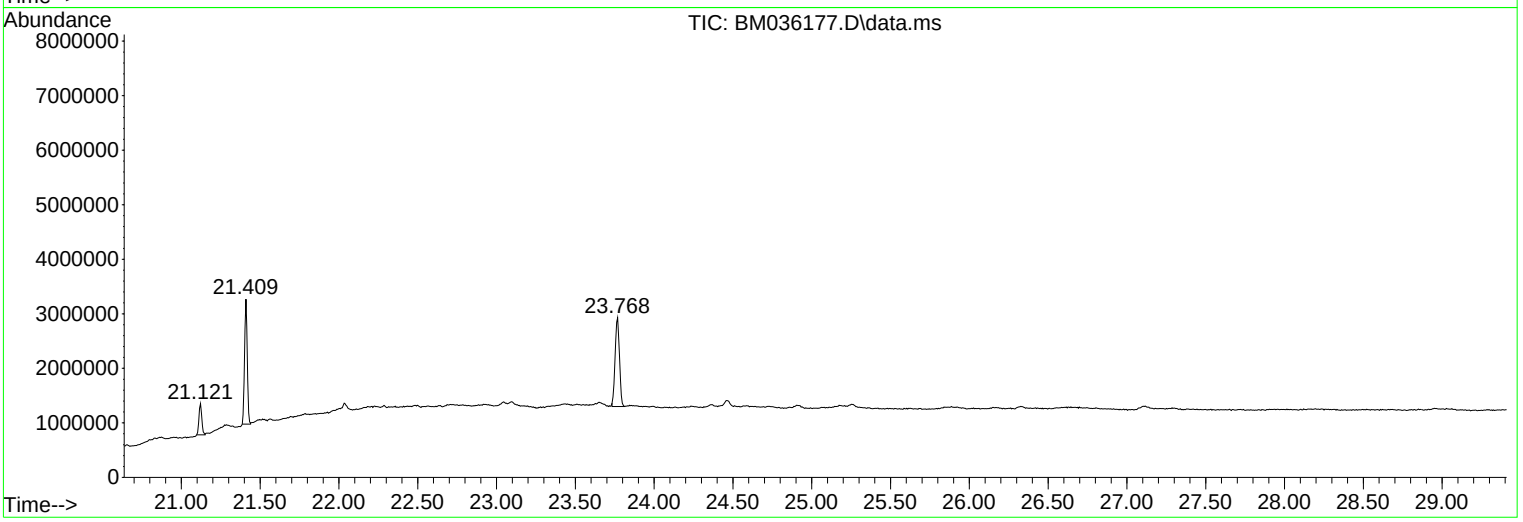
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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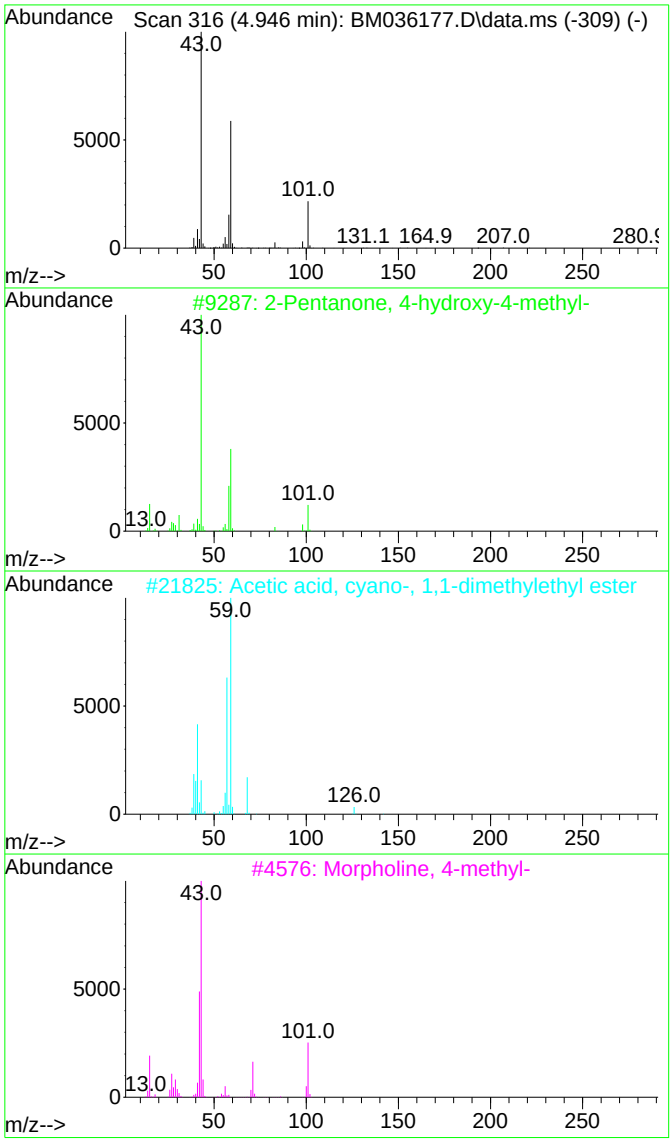
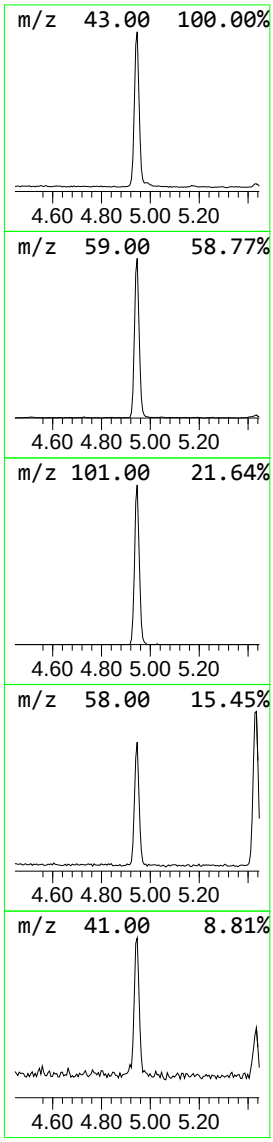
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	6.17 ng	435529	1,4-Dichlorobenzene-d4	7.840

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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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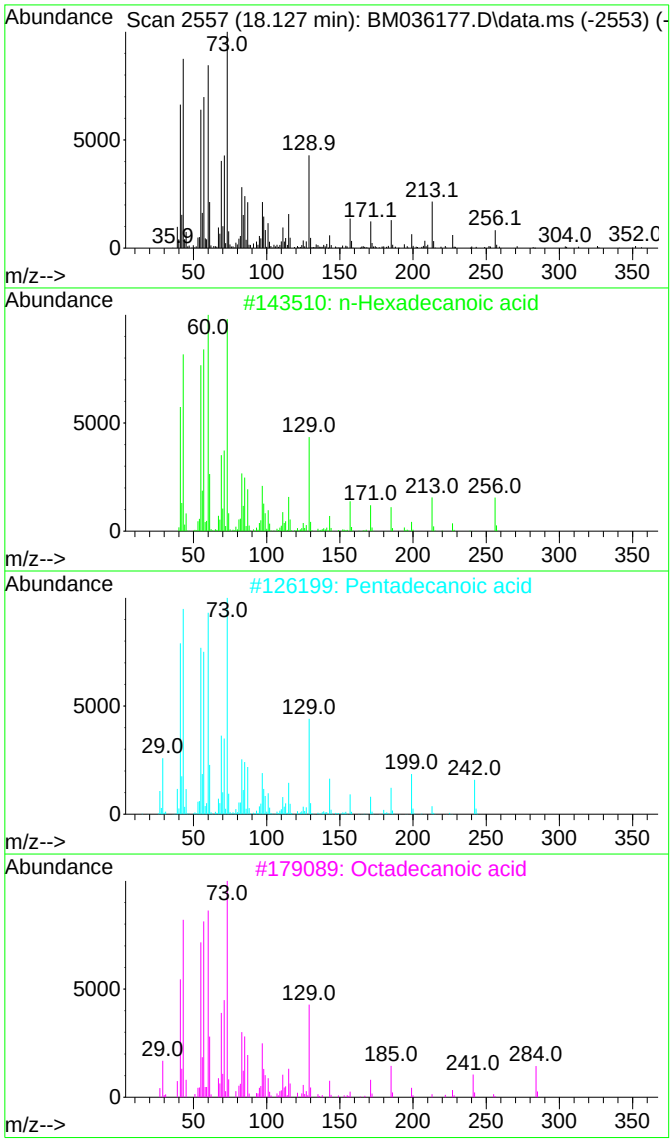
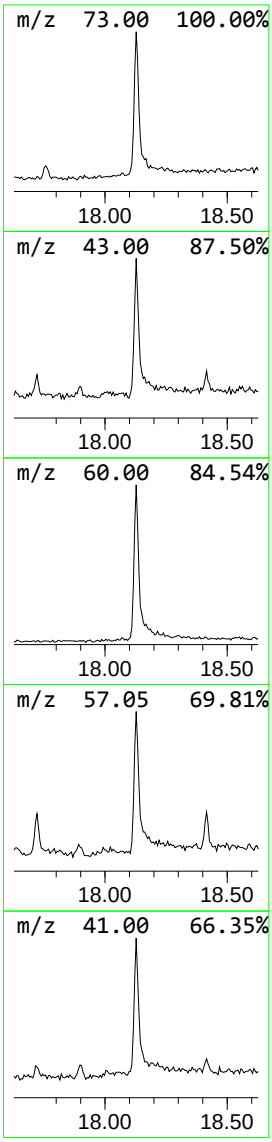
****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	3.45 ng	420076	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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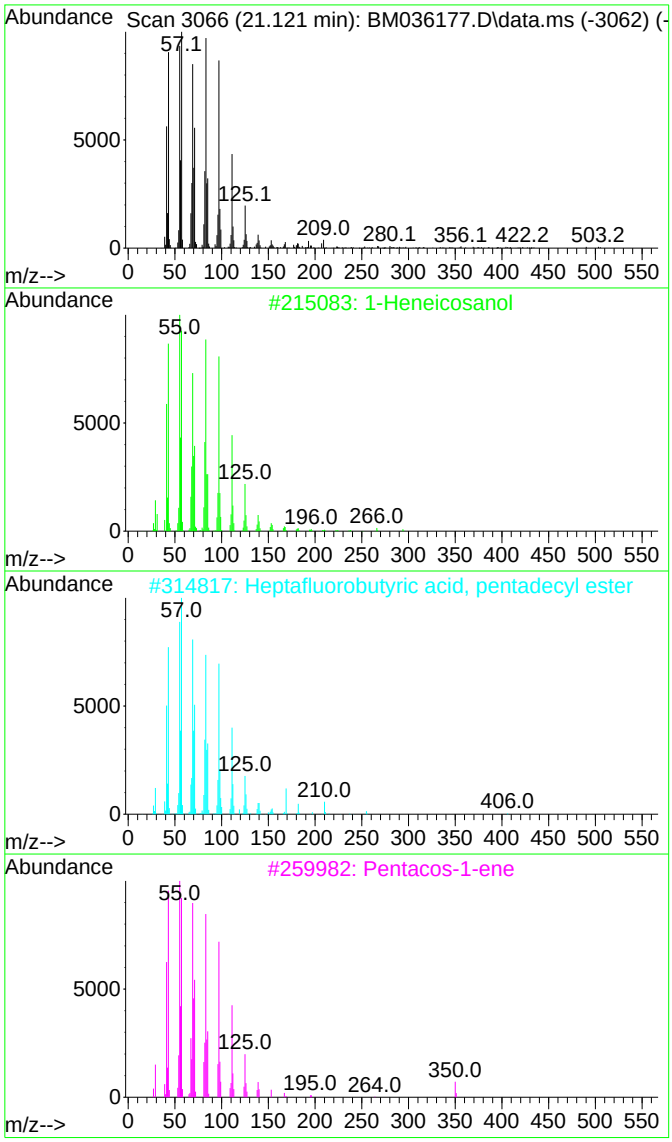
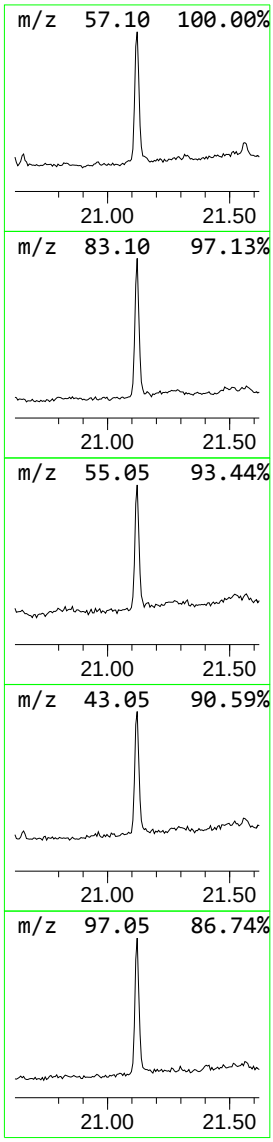
****

Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	5.05 ng	699896	Chrysene-d12	21.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





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-...	4.946	6.2	ng	435529	1	7.840	1411950	20.0
n-Hexadecanoic ...	18.127	3.5	ng	420076	4	17.227	2438280	20.0
1-Heneicosanol	21.121	5.0	ng	699896	5	21.409	2769300	20.0