LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
Data File : BM037299.D
Acq On : 31 Oct 2022 20:45
Operator : CG/JU
Sample : N5336-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-16.5-17.0-DUP

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: BM037299.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	316	321	334	rVB	551265	757349	6.87%	1.236%
2	5.440	393	400	418	rBV	4510210	6339110	57.48%	10.348%
3	7.040	665	672	691	rBV	3960143	6424249	58.25%	10.487%
4	7.869	806	813	821	rBV	1134988	1755123	15.91%	2.865%
5	9.039	1003	1012	1026	rBV	2378305	3942080	35.75%	6.435%
6	10.457	1242	1253	1269	rBV2	70908	188179	1.71%	0.307%
7	10.669	1282	1289	1301	rBV	1392040	2295366	20.81%	3.747%
8	13.127	1700	1707	1723	rBV	5735505	8237664	74.70%	13.447%
9	14.504	1933	1941	1959	rBV	1785852	2636993	23.91%	4.304%
10	15.992	2187	2194	2219	rBV	3701089	5582785	50.62%	9.113%
11	17.245	2400	2407	2418	rBV	1957699	2876078	26.08%	4.695%
12	18.133	2553	2558	2569	rBV	219813	368694	3.34%	0.602%
13	19.409	2771	2775	2785	rBV2	137513	241540	2.19%	0.394%
14	19.862	2846	2852	2869	rBV	9441599	11028290	100.00%	18.002%
15	21.127	3063	3067	3076	rBV	342299	636981	5.78%	1.040%
16	21.415	3111	3116	3126	rBV	2924786	3868197	35.08%	6.314%
17	23.774	3511	3517	3529	rVB2	1998999	4083159	37.02%	6.665%

Sum of corrected areas: 61261837

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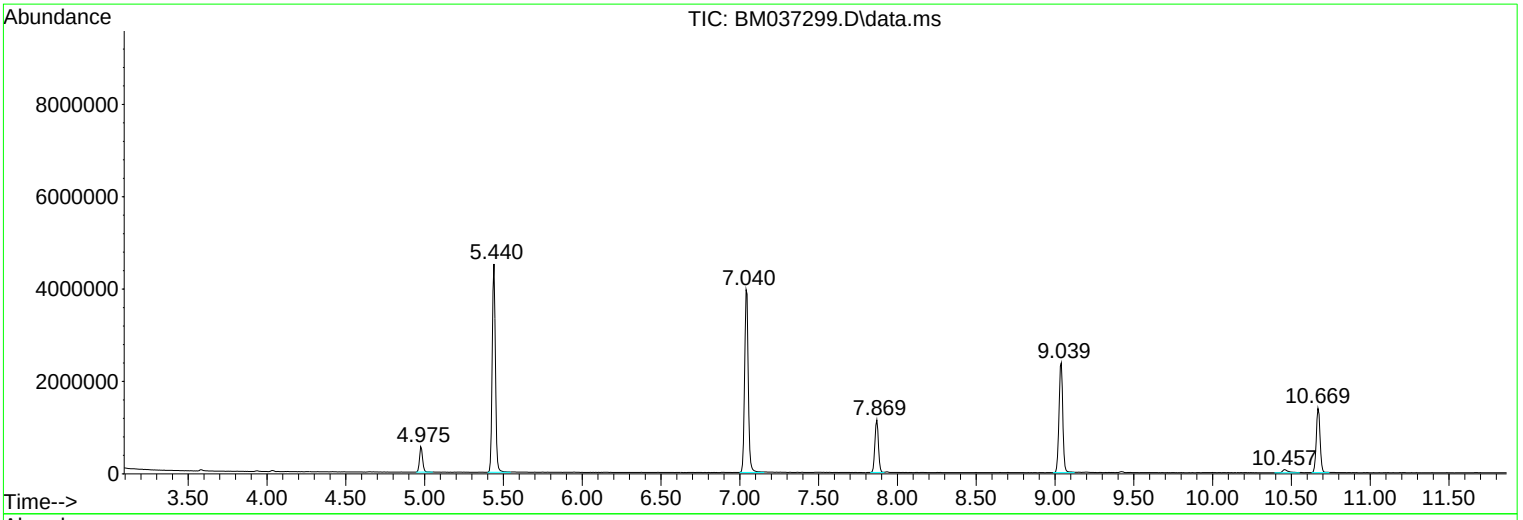
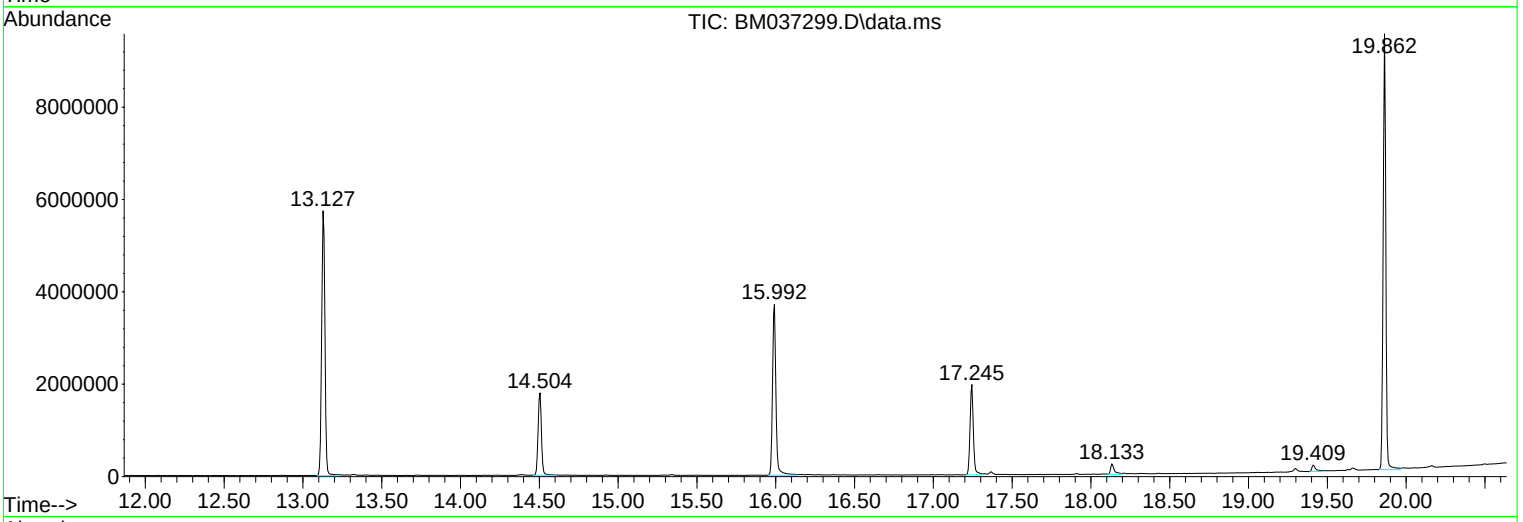
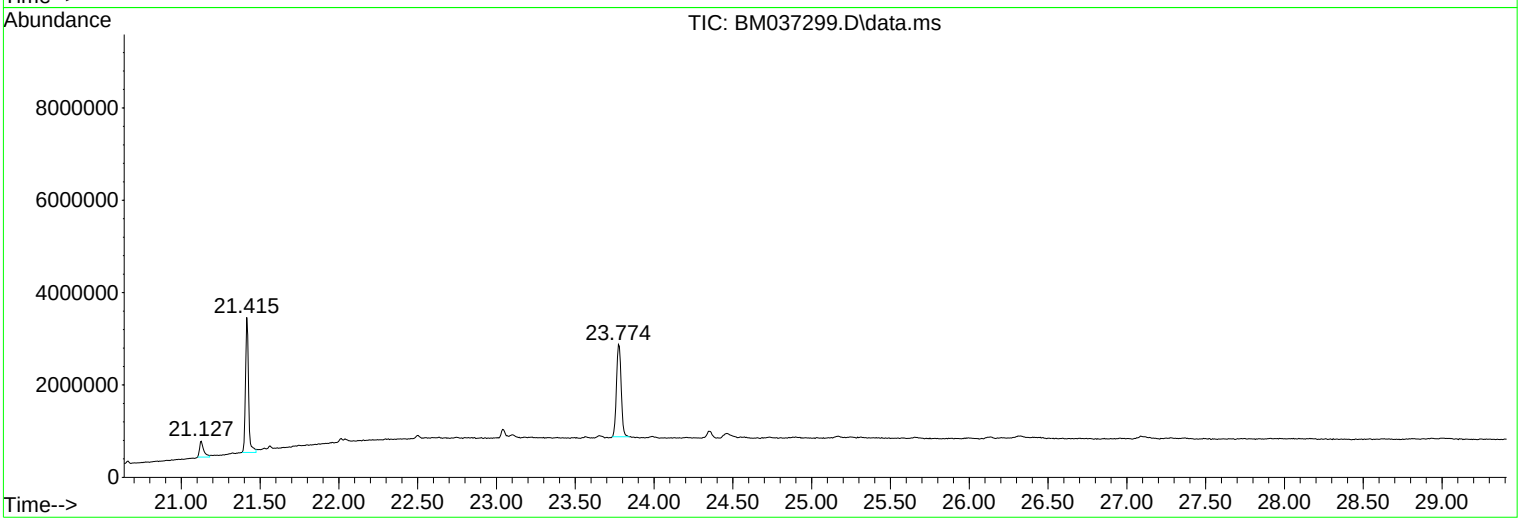
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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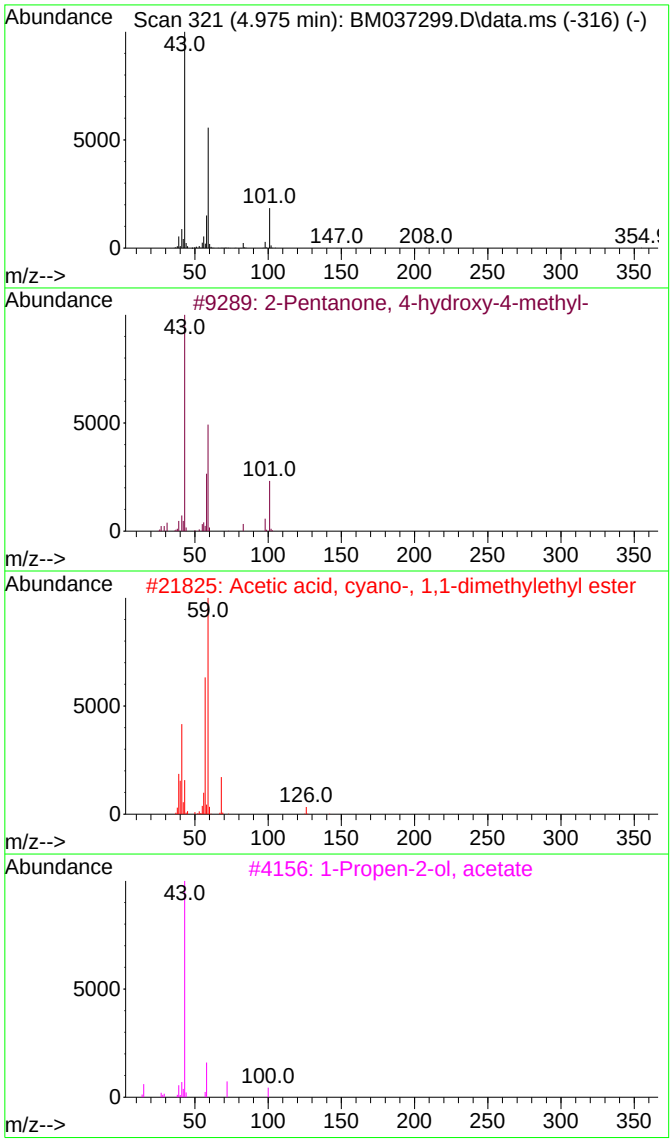
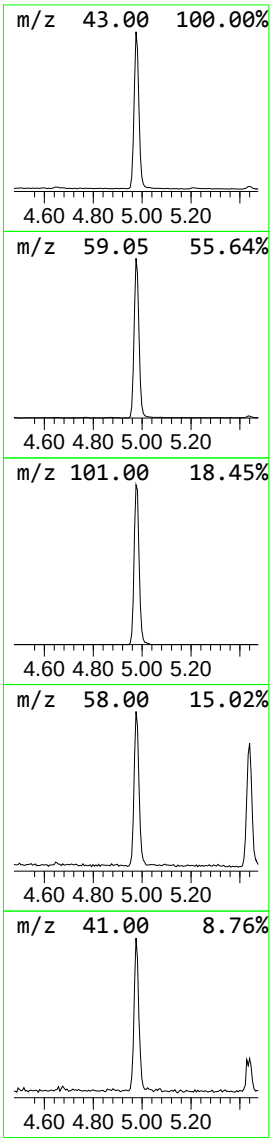
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	8.63 ng	757349	1,4-Dichlorobenzene-d4	7.869

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	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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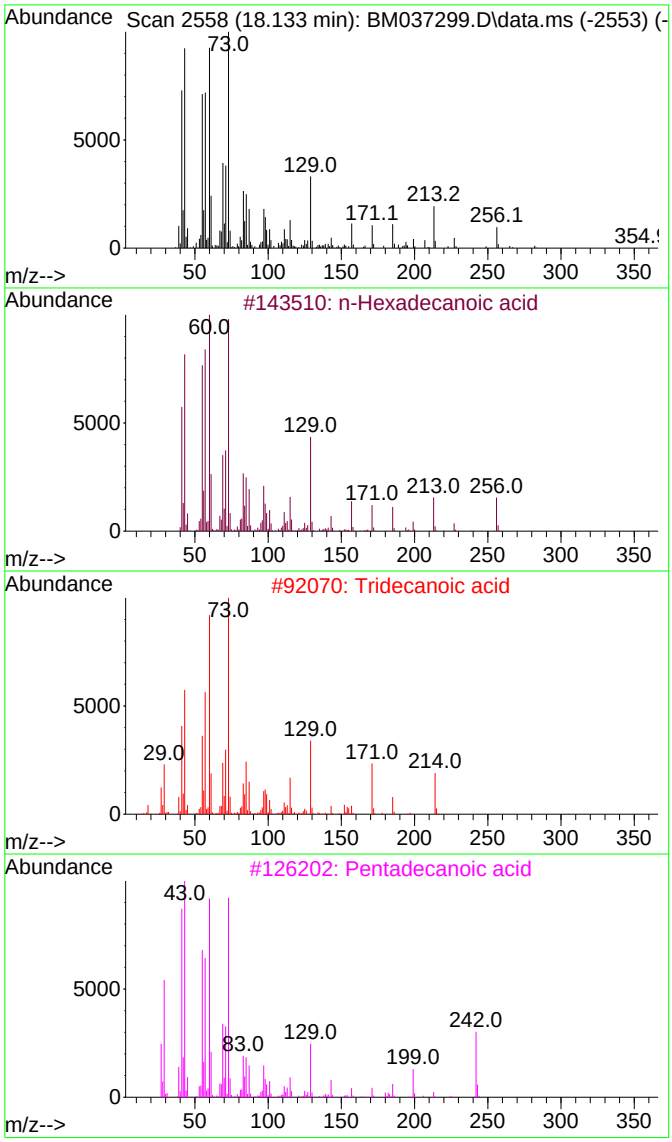
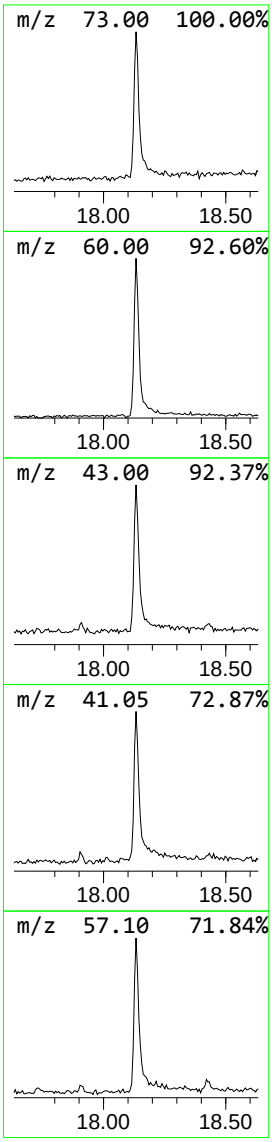
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	2.56 ng	368694	Phenanthrene-d10	17.245

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	18





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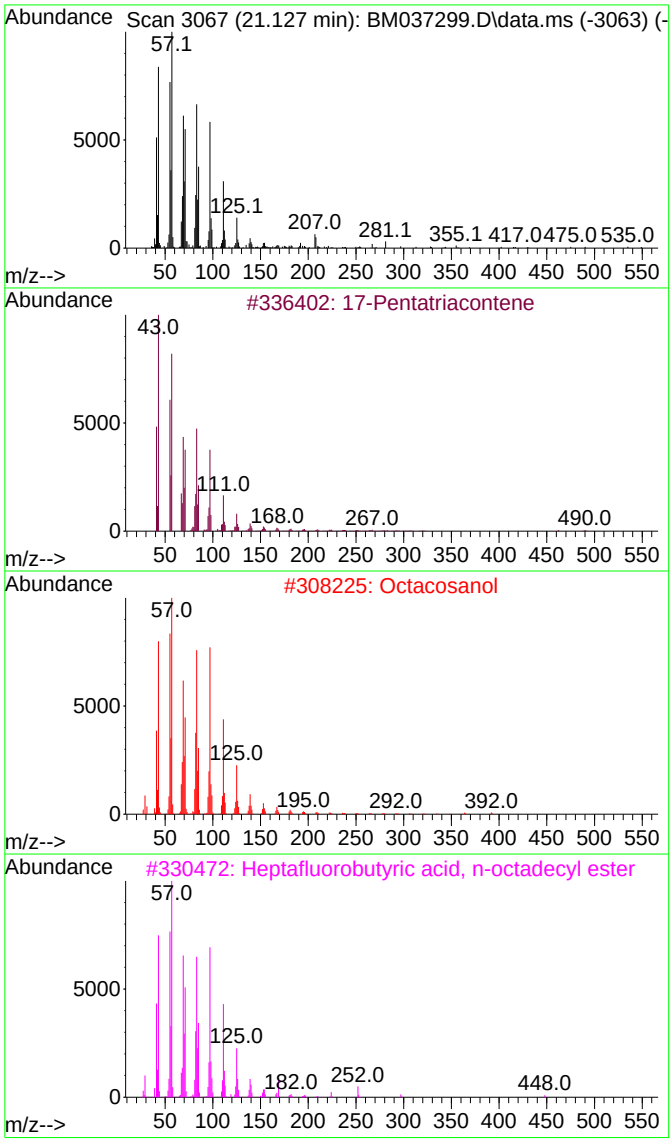
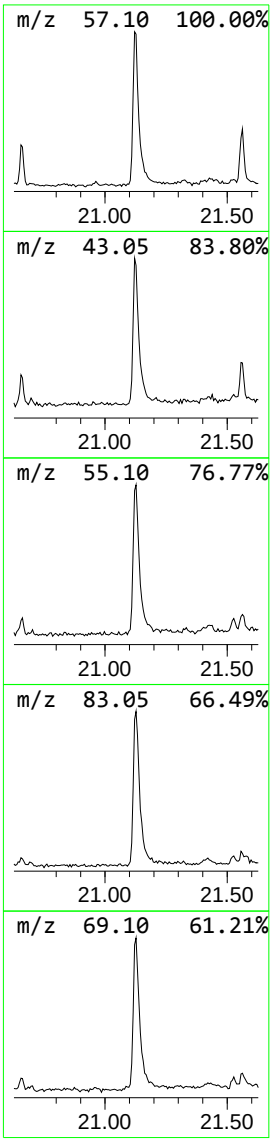
Peak Number 3 17-Pentatriacontene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	3.29 ng	636981	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	93
2	Octacosanol	410	C28H58O	000557-61-9	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91





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-...	4.975	8.6	ng	757349	1	7.869	1755120	20.0
n-Hexadecanoic ...	18.133	2.6	ng	368694	4	17.245	2876080	20.0
17-Pentatriacon...	21.127	3.3	ng	636981	5	21.415	3868200	20.0