LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
Data File : BM037293.D
Acq On : 31 Oct 2022 17:09
Operator : CG/JU
Sample : N5336-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-02-0-2.0

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: BM037293.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	331	rVB	526146	714663	7.21%	1.236%
2	5.440	393	400	413	rBV	4199244	5911491	59.63%	10.227%
3	7.040	665	672	687	rBV	3683088	5959113	60.12%	10.309%
4	7.869	805	813	820	rBV	1130270	1737121	17.52%	3.005%
5	9.040	1004	1012	1028	rBV	2230251	3650109	36.82%	6.315%
6	10.457	1247	1253	1264	rBV2	60430	143673	1.45%	0.249%
7	10.669	1280	1289	1298	rBV	1367810	2284674	23.05%	3.953%
8	13.128	1700	1707	1721	rBV	5246951	7731795	78.00%	13.376%
9	14.504	1934	1941	1955	rBV	1793775	2639590	26.63%	4.567%
10	15.992	2187	2194	2209	rBV	3799692	5654770	57.05%	9.783%
11	17.245	2400	2407	2421	rBV	1919950	2840578	28.66%	4.914%
12	18.133	2553	2558	2568	rBV	254303	469340	4.73%	0.812%
13	19.415	2771	2776	2787	rBV	148037	296554	2.99%	0.513%
14	19.862	2847	2852	2867	rBV	8280952	9912795	100.00%	17.149%
15	21.127	3063	3067	3075	rBV3	248804	465936	4.70%	0.806%
16	21.415	3112	3116	3127	rBV	2576601	3371144	34.01%	5.832%
17	23.780	3511	3518	3531	rVB2	1872970	4019073	40.54%	6.953%

Sum of corrected areas: 57802419

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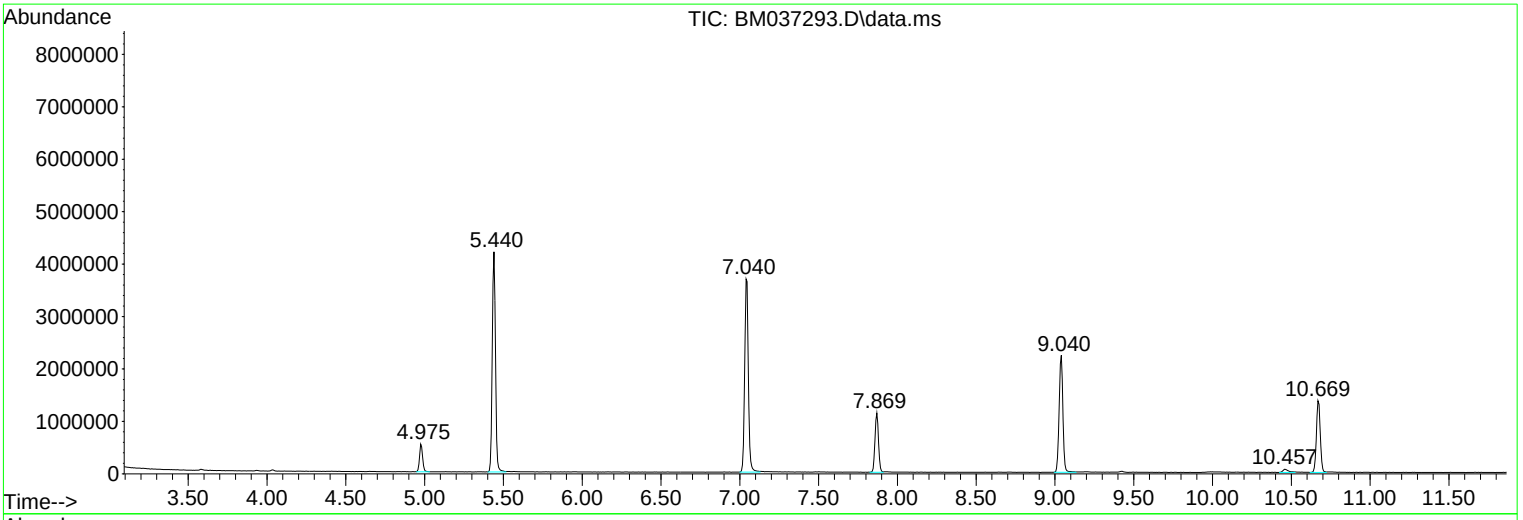
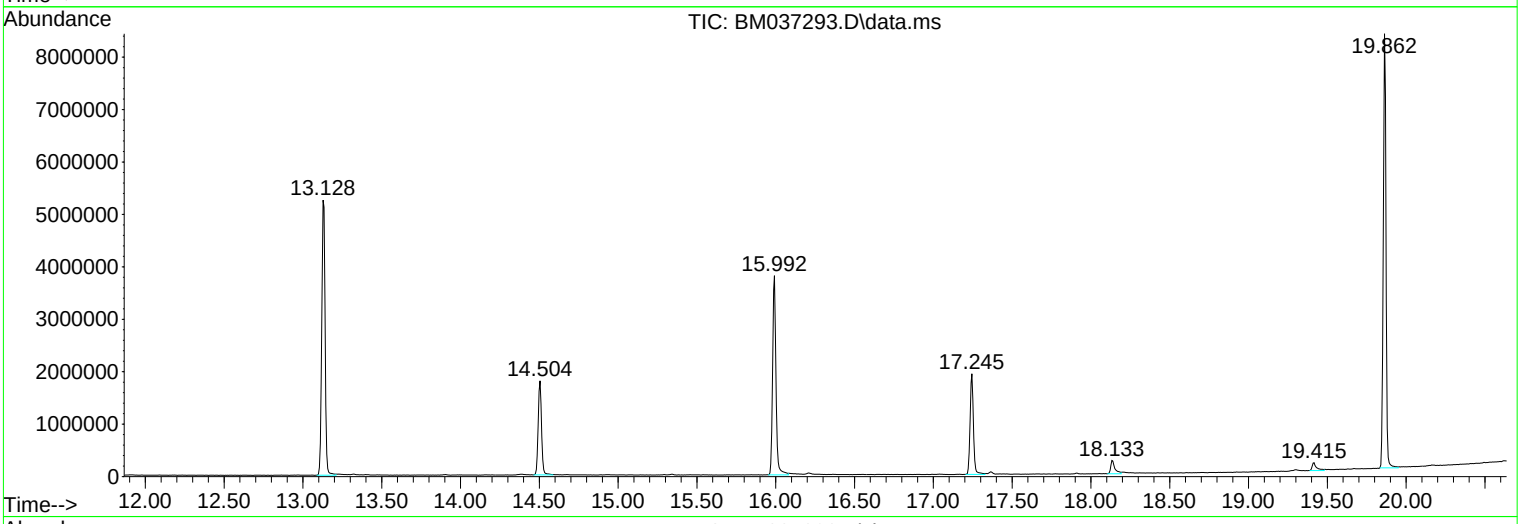
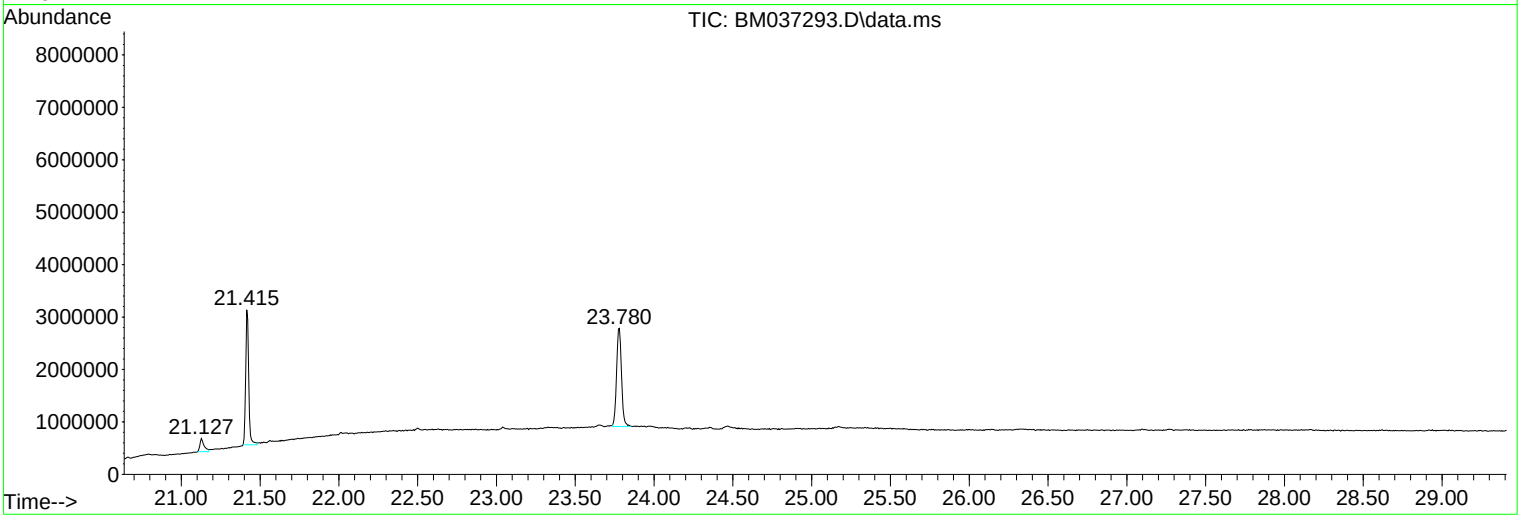
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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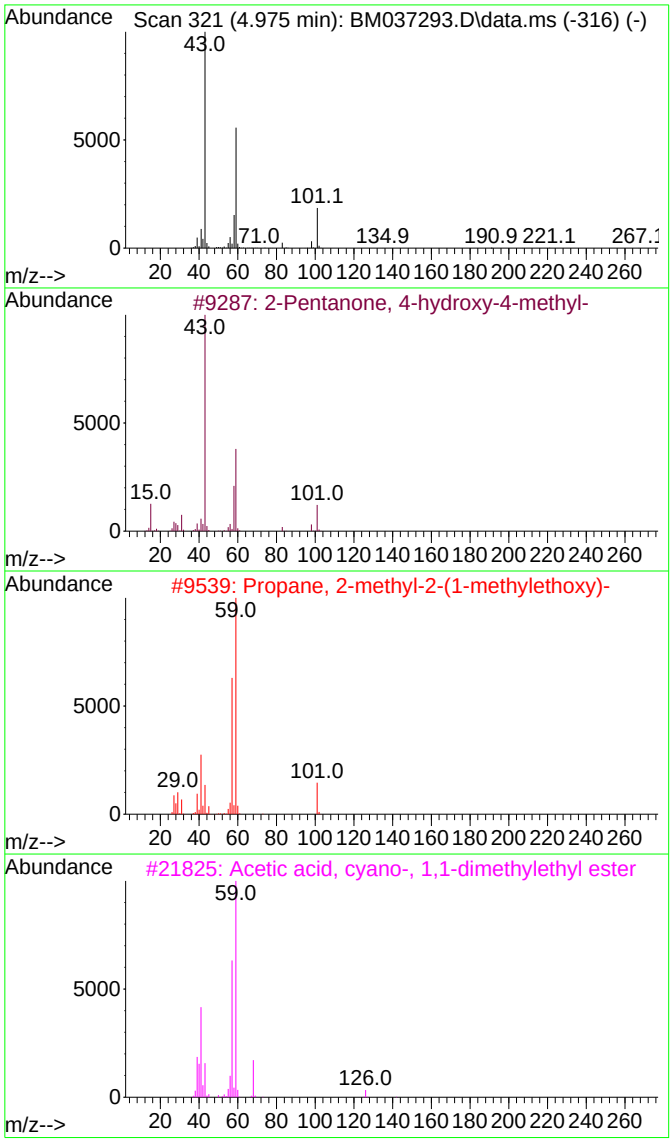
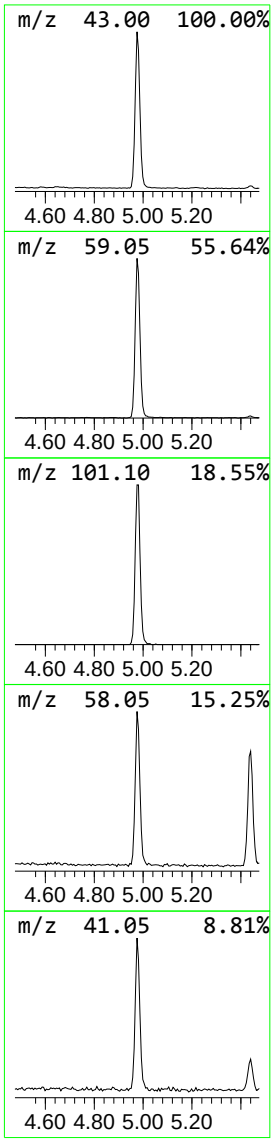
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	8.23 ng	714663	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	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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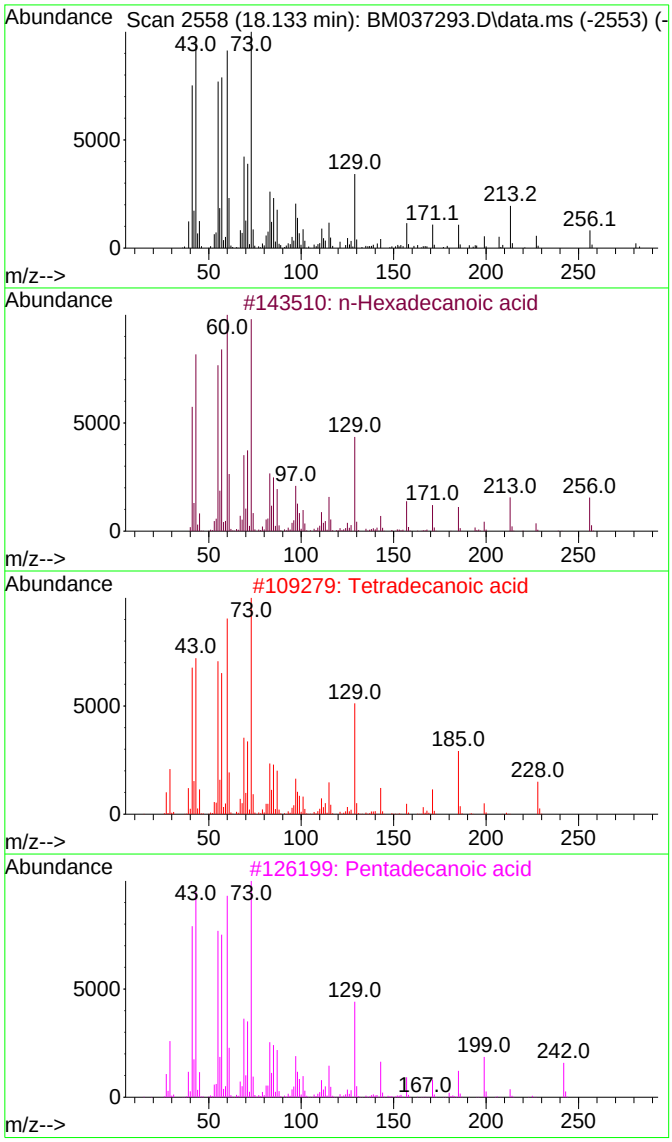
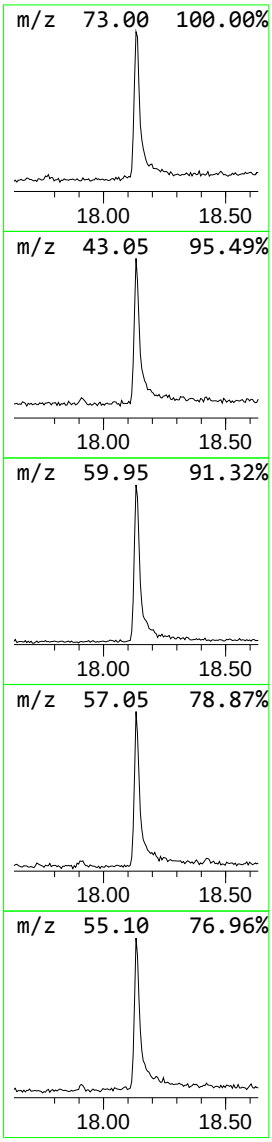
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	3.30 ng	469340	Phenanthrene-d10	17.245

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	35





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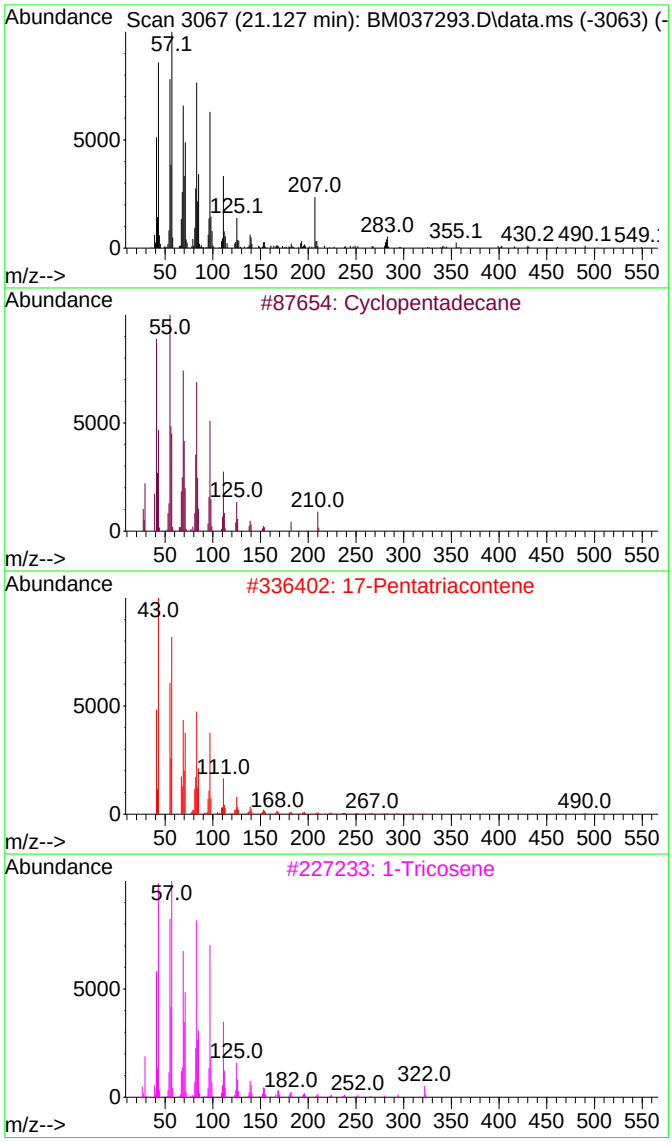
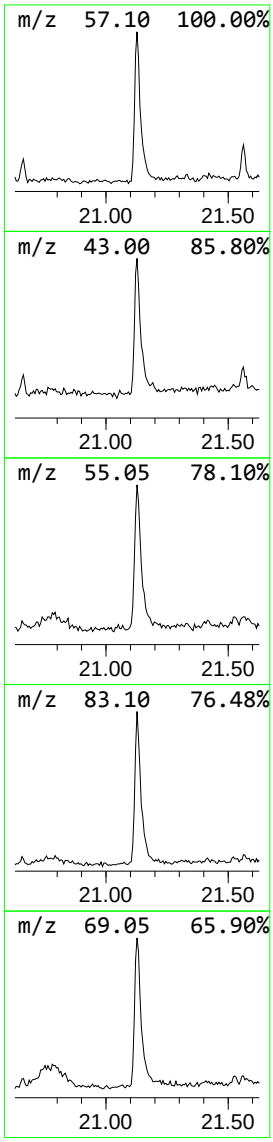
Peak Number 3 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	2.76 ng	465936	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	17-Pentatriacontene	491	C35H70	006971-40-0	93
3	1-Tricosene	322	C23H46	018835-32-0	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	Heptacos-1-ene	378	C27H54	015306-27-1	90





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	8.2	ng	714663	1	7.869	1737120	20.0
n-Hexadecanoic ...	18.133	3.3	ng	469340	4	17.245	2840580	20.0
Cyclopentadecane	21.127	2.8	ng	465936	5	21.415	3371140	20.0