

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041209.D
 Acq On : 01 Aug 2023 04:31
 Operator : MA/JU
 Sample : 03810-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P7B

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-BM072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041209.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	388	rBV	2301181	3246930	75.17%	11.265%
2	6.975	637	644	661	rBV	2119338	3346180	77.47%	11.609%
3	7.798	777	784	792	rBV	543492	847426	19.62%	2.940%
4	8.975	976	984	997	rBV	1246797	2053262	47.53%	7.124%
5	10.604	1253	1261	1277	rBV	698719	1149171	26.60%	3.987%
6	13.080	1675	1682	1694	rBV	2985773	4186826	96.93%	14.526%
7	14.463	1910	1917	1929	rBV	947593	1361830	31.53%	4.725%
8	15.963	2165	2172	2189	rBV	2221253	3069945	71.07%	10.651%
9	17.221	2380	2386	2398	rBV	1005463	1414032	32.74%	4.906%
10	17.345	2403	2407	2412	rVB	49828	66622	1.54%	0.231%
11	18.121	2534	2539	2549	rBV	221347	353391	8.18%	1.226%
12	19.403	2753	2757	2763	rBV2	71397	106345	2.46%	0.369%
13	19.856	2829	2834	2841	rBV	3709869	4319588	100.00%	14.987%
14	21.133	3047	3051	3059	rBV	188195	321059	7.43%	1.114%
15	21.421	3095	3100	3106	rBV	1194710	1457367	33.74%	5.056%
16	23.786	3497	3502	3513	rVB	797928	1523123	35.26%	5.284%

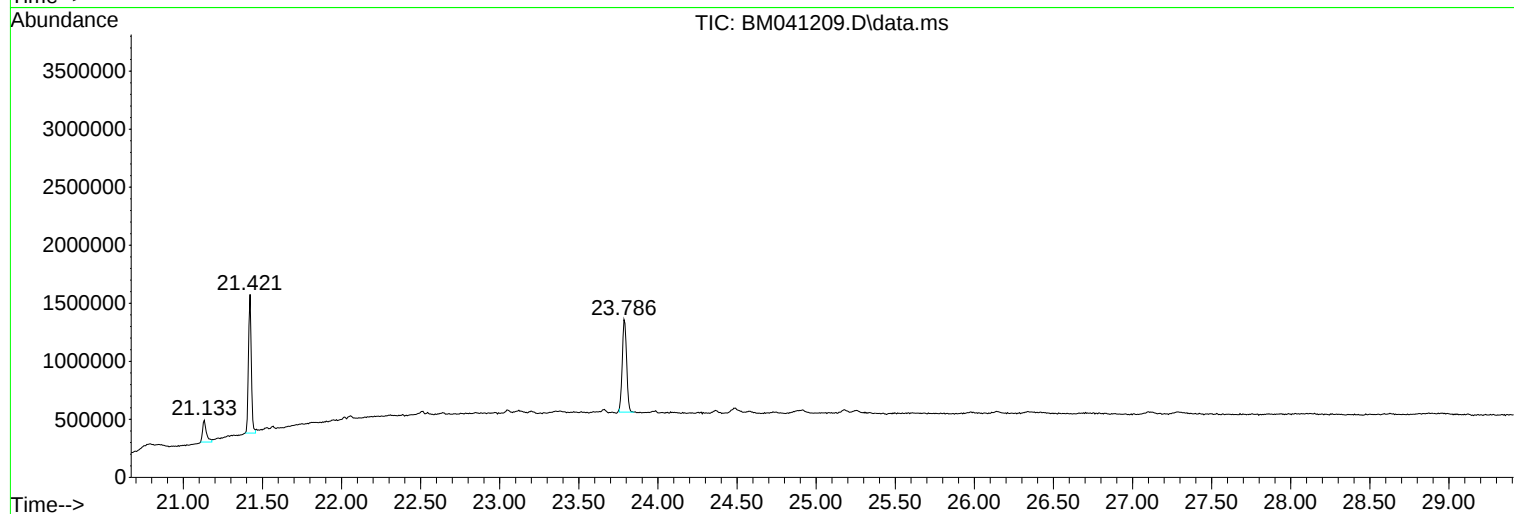
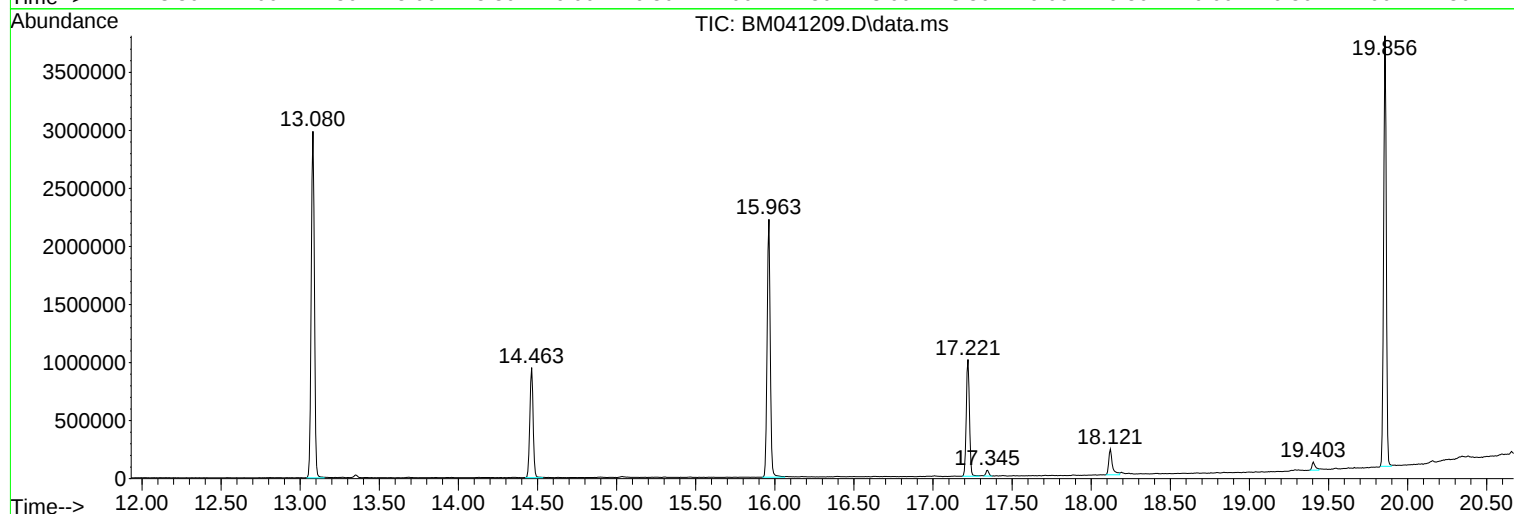
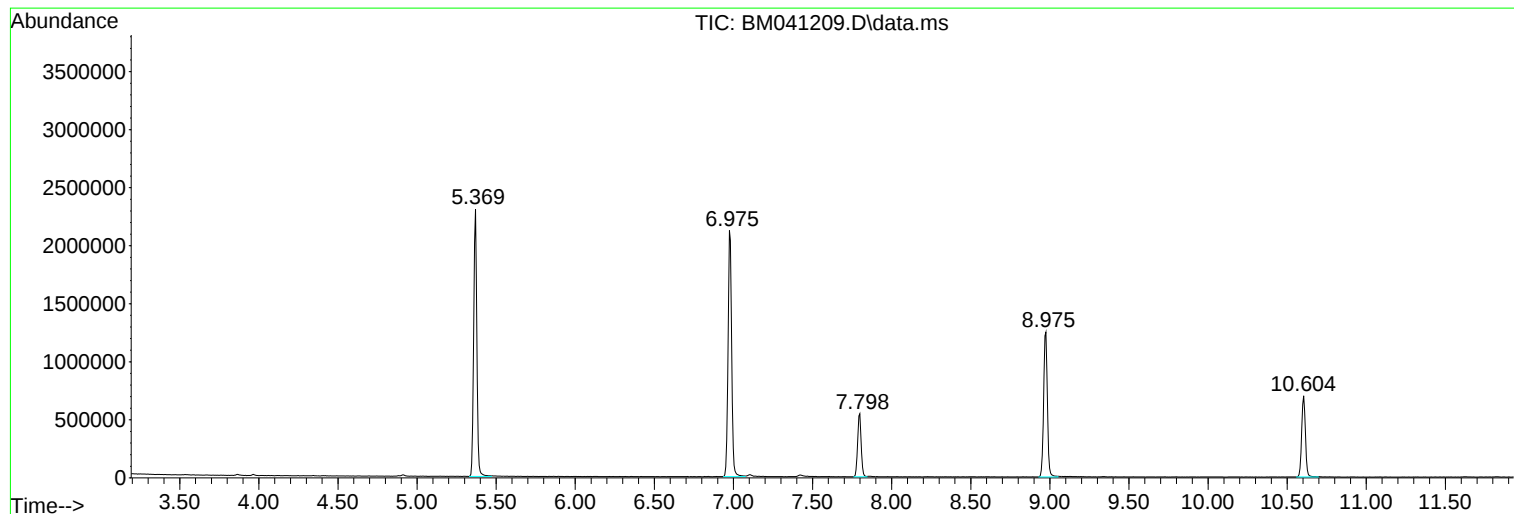
Sum of corrected areas: 28823097

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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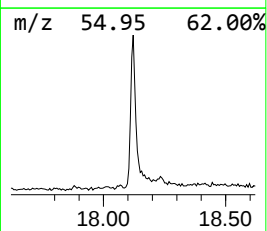
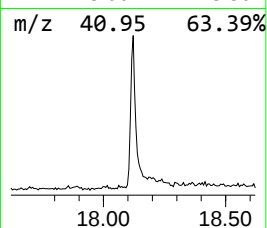
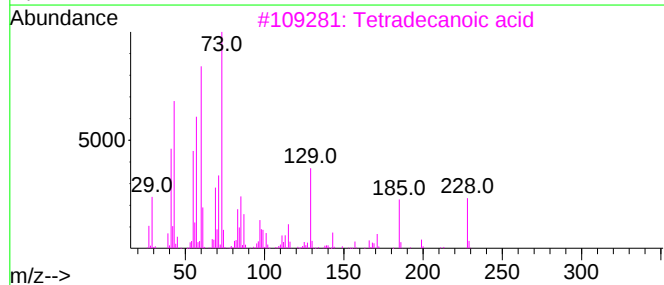
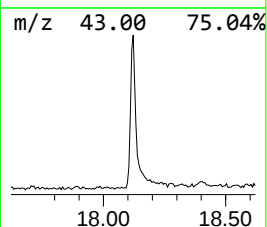
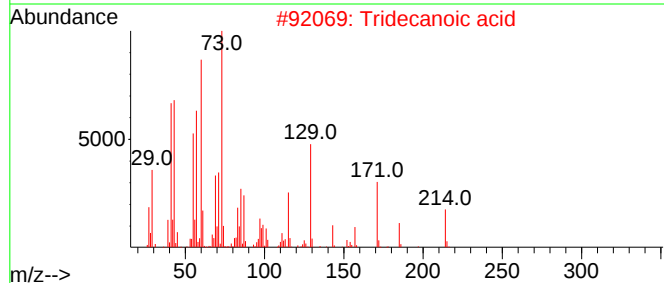
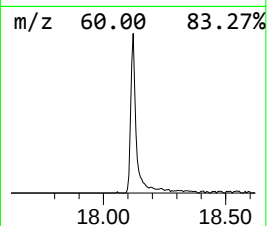
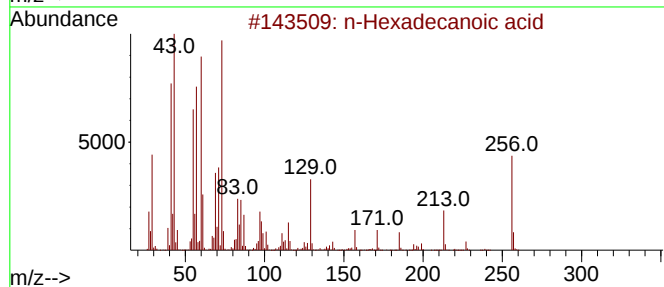
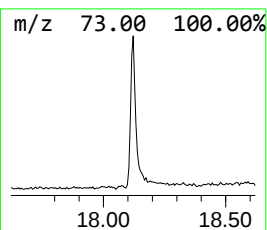
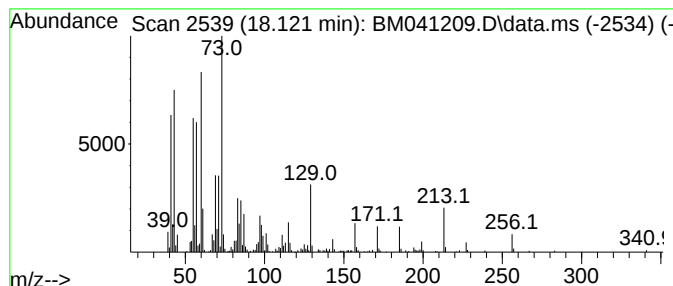
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	5.00 ng	353391	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



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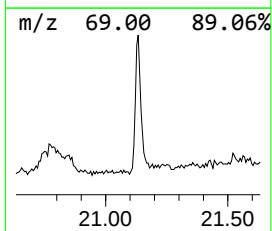
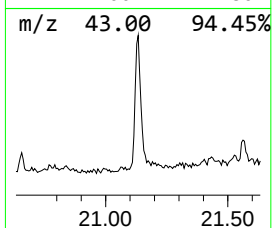
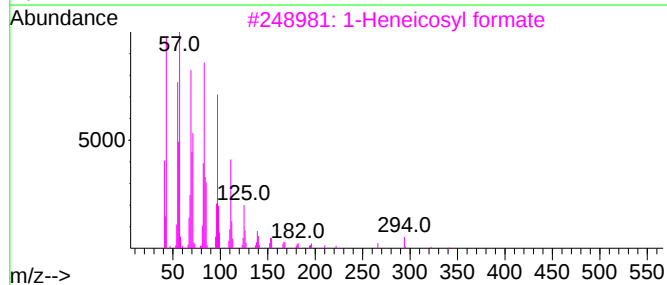
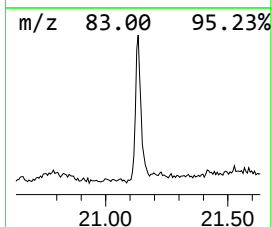
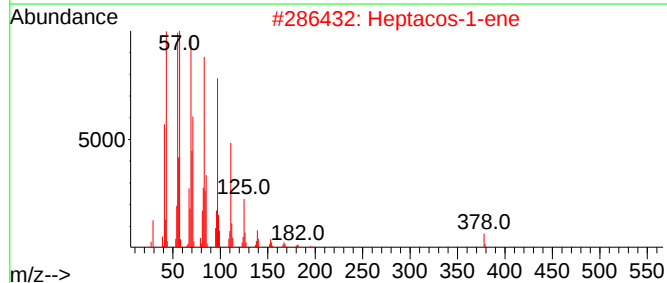
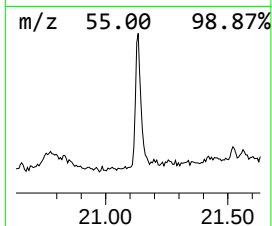
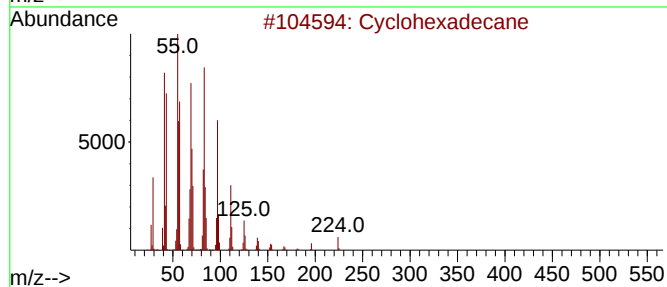
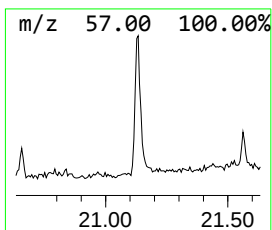
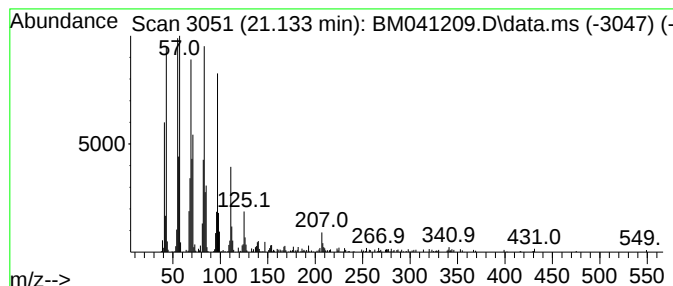
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Peak Number 2 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	4.41 ng	321059	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	94
2			Heptacos-1-ene	378	C27H54	015306-27-1	94
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4			Pentacos-1-ene	350	C25H50	016980-85-1	94
5			Behenic alcohol	326	C22H46O	000661-19-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.121	5.0	ng	353391	4	17.221	1414030	20.0
Cyclohexadecane	21.133	4.4	ng	321059	5	21.421	1457370	20.0