

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041188.D
 Acq On : 31 Jul 2023 14:20
 Operator : MA/JU
 Sample : 03742-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-03

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: BM041188.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	389	rBV	1480200	2110320	47.36%	7.983%
2	6.975	637	644	658	rBV	1485832	2334964	52.40%	8.833%
3	7.798	777	784	793	rBV	560879	864396	19.40%	3.270%
4	8.975	973	984	1000	rBV	857336	1410089	31.64%	5.334%
5	10.604	1254	1261	1274	rBV	698322	1178583	26.45%	4.458%
6	13.080	1675	1682	1696	rBV	2380216	3334177	74.82%	12.612%
7	14.463	1905	1917	1925	rBV	1064113	1556817	34.94%	5.889%
8	15.962	2165	2172	2181	rBV	1781556	2494553	55.98%	9.436%
9	16.433	2248	2252	2257	rBV	26618	56935	1.28%	0.215%
10	16.480	2257	2260	2276	rVB2	32218	85772	1.92%	0.324%
11	17.221	2378	2386	2397	rBV	1223829	1727318	38.76%	6.534%
12	18.121	2535	2539	2551	rBV	246594	417686	9.37%	1.580%
13	19.409	2754	2758	2770	rBV	84089	142675	3.20%	0.540%
14	19.856	2829	2834	2844	rBV	3774839	4456307	100.00%	16.857%
15	21.133	3047	3051	3060	rBV2	198665	343985	7.72%	1.301%
16	21.421	3095	3100	3110	rBV	1553343	1961692	44.02%	7.421%
17	23.791	3497	3503	3513	rVB	1028498	1959265	43.97%	7.411%

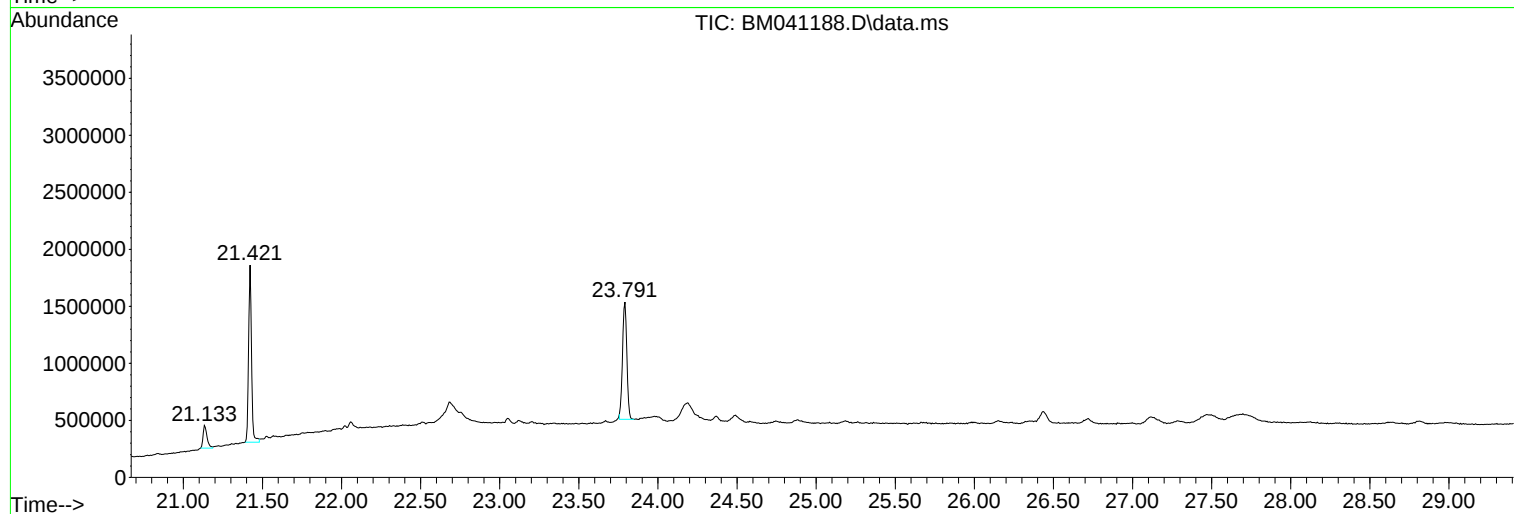
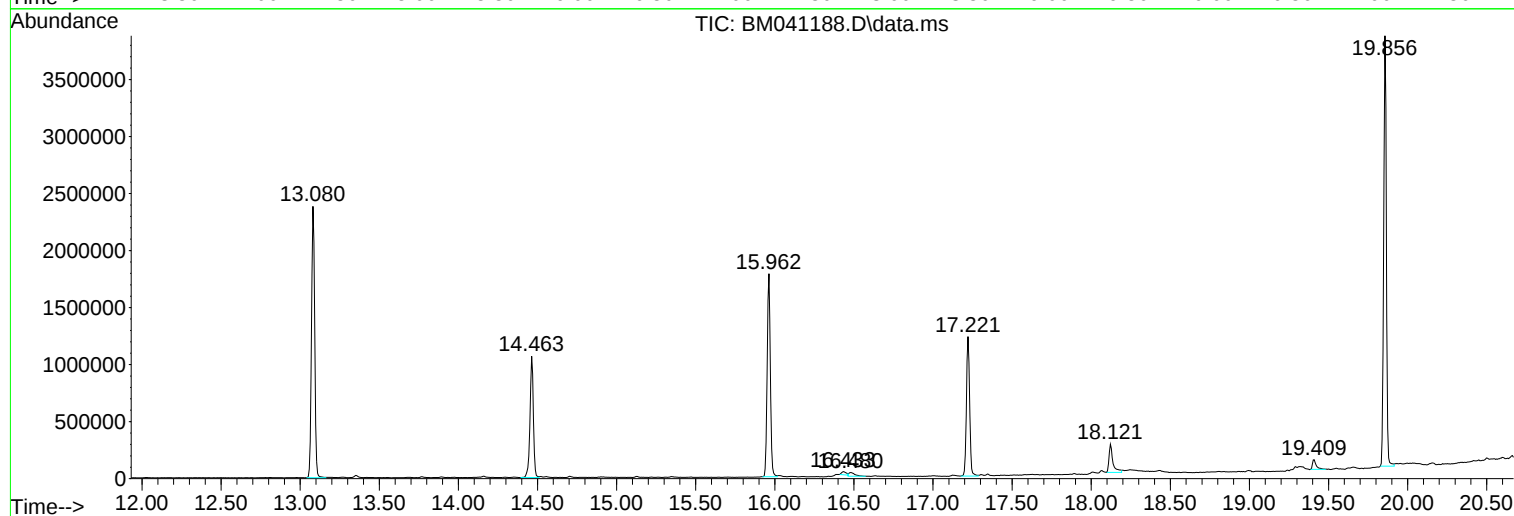
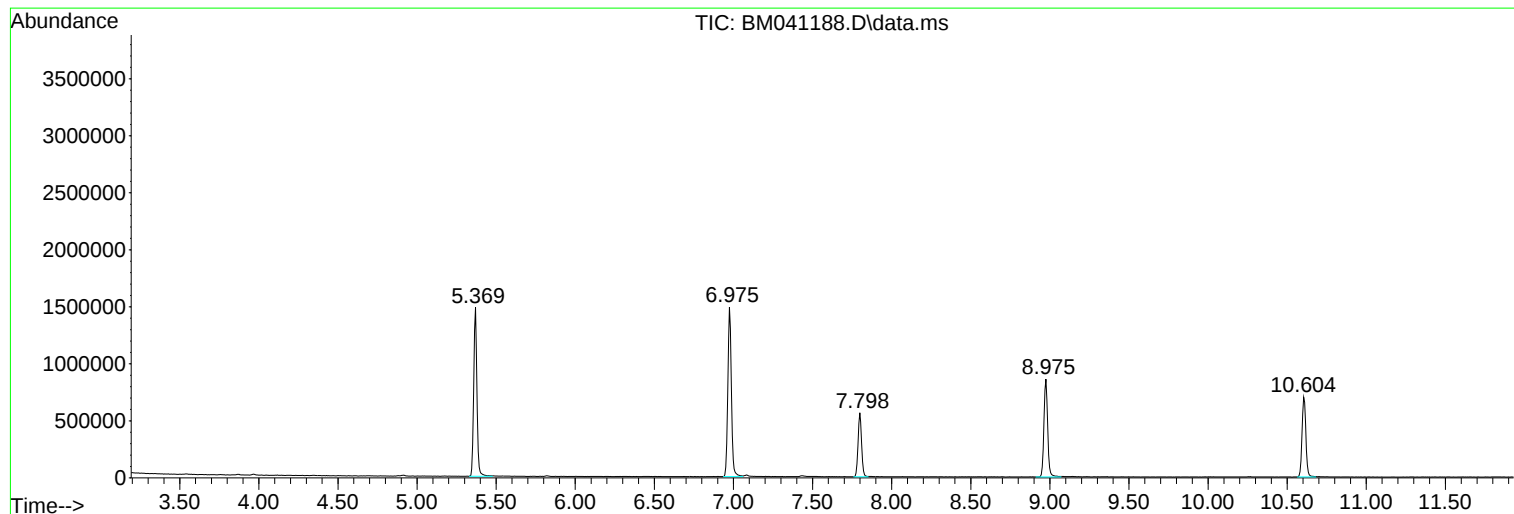
Sum of corrected areas: 26435534

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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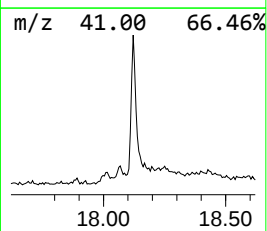
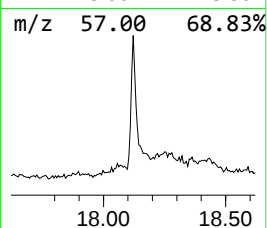
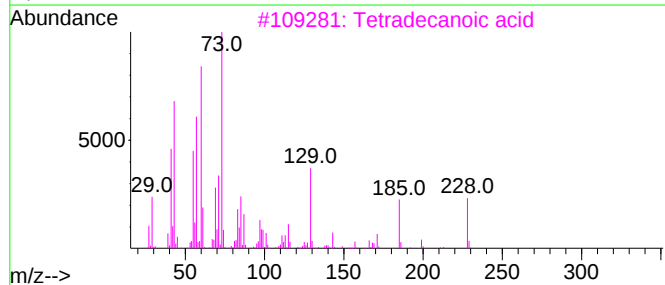
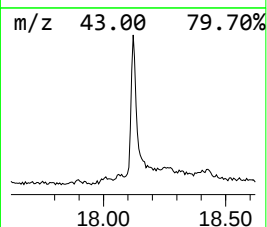
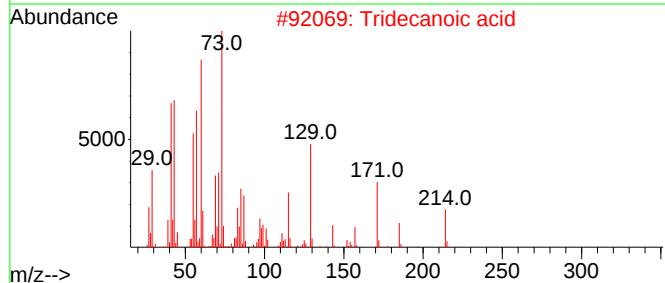
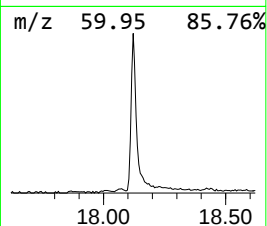
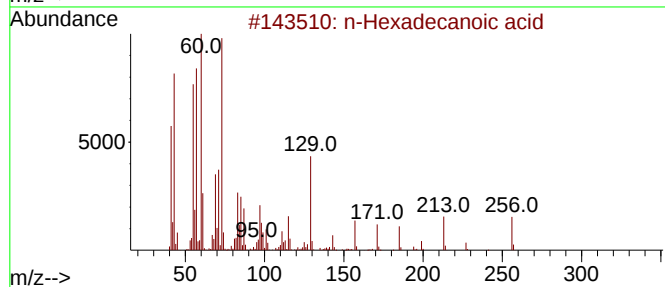
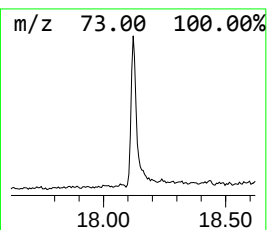
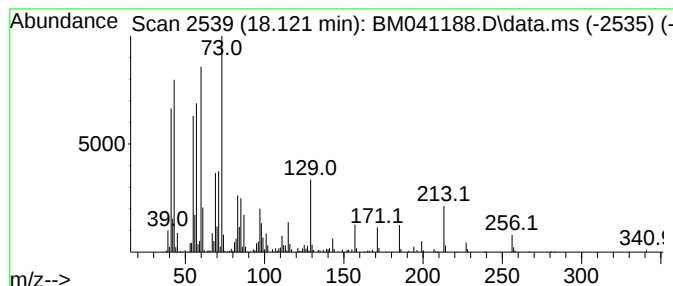
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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	4.84 ng	417686	Phenanthrene-d10	17.221

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	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Octadecanoic acid	284	C18H36O2	000057-11-4	60



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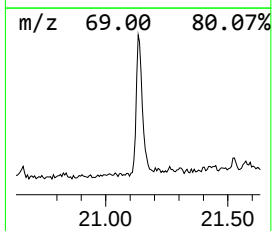
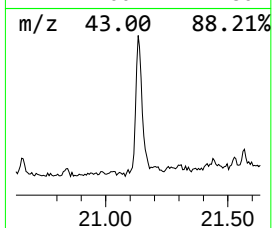
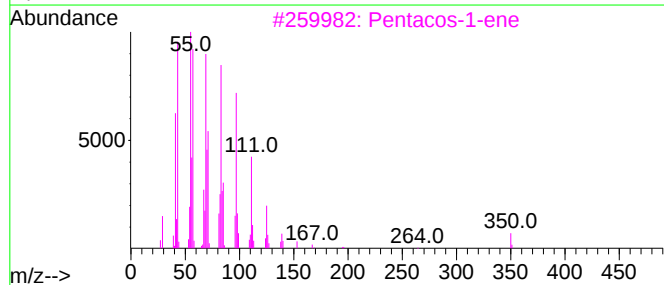
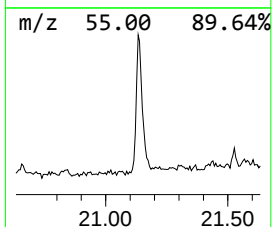
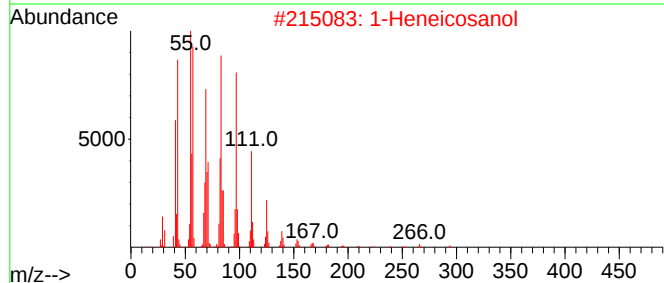
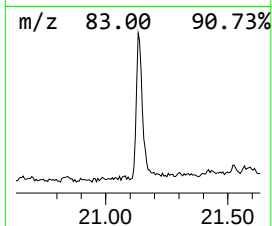
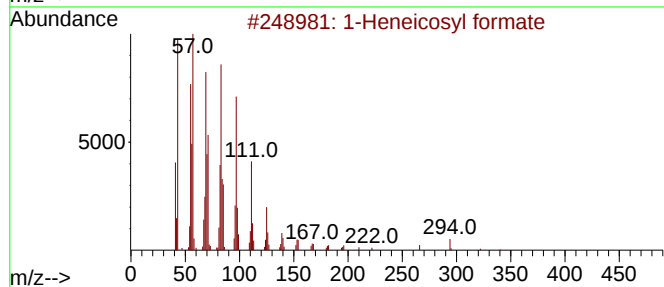
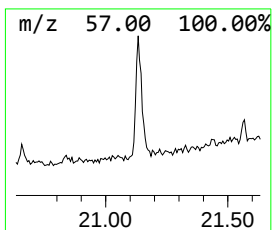
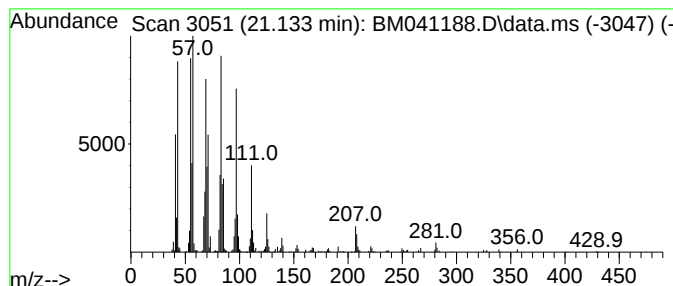
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Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	3.51 ng	343985	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2			1-Heneicosanol	312	C21H44O	015594-90-8	94
3			Pentacos-1-ene	350	C25H50	016980-85-1	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	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	4.8	ng	417686	4	17.221	1727320	20.0
1-Heneicosyl fo...	21.133	3.5	ng	343985	5	21.421	1961690	20.0