

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053233.D
 Acq On : 21 Apr 2022 2:19
 Operator : CG/JU
 Sample : N2451-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7085

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_G\Methods\8270-BG040822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053233.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.684	381	391	403	rBV	699774	1186379	39.25%	9.230%
2	7.276	654	662	673	rBV	748904	1324034	43.80%	10.300%
3	8.110	798	804	812	rBV	129466	231495	7.66%	1.801%
4	9.273	993	1002	1010	rBV	476053	874947	28.94%	6.807%
5	10.924	1275	1283	1292	rVB	178761	320067	10.59%	2.490%
6	13.362	1690	1698	1708	rVB	1194208	1922872	63.61%	14.959%
7	14.737	1924	1932	1940	rBV	275498	437681	14.48%	3.405%
8	16.223	2177	2185	2198	rBV	994811	1567487	51.85%	12.194%
9	17.480	2391	2399	2407	rBV	370712	549827	18.19%	4.277%
10	18.361	2544	2549	2557	rBV3	36596	63923	2.11%	0.497%
11	20.082	2835	2842	2848	rBV	2273373	3023001	100.00%	23.518%
12	21.386	3059	3064	3075	rBV3	64637	136277	4.51%	1.060%
13	21.762	3121	3128	3137	rVB	362719	610615	20.20%	4.750%
14	25.058	3678	3689	3702	rVB2	203172	605558	20.03%	4.711%

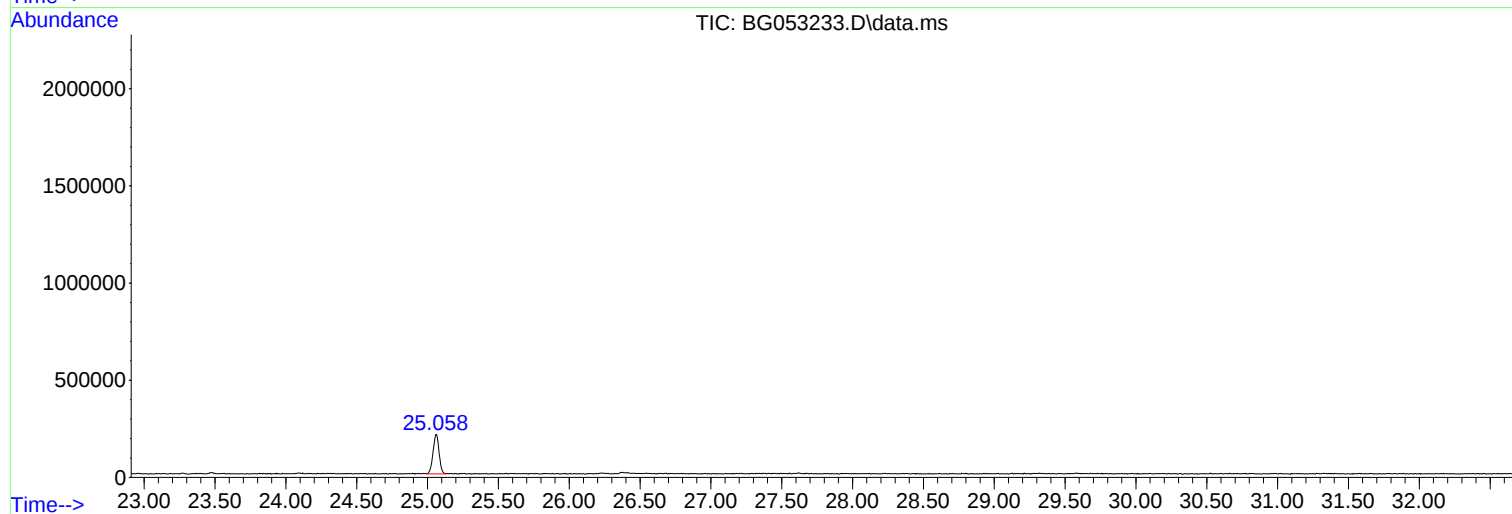
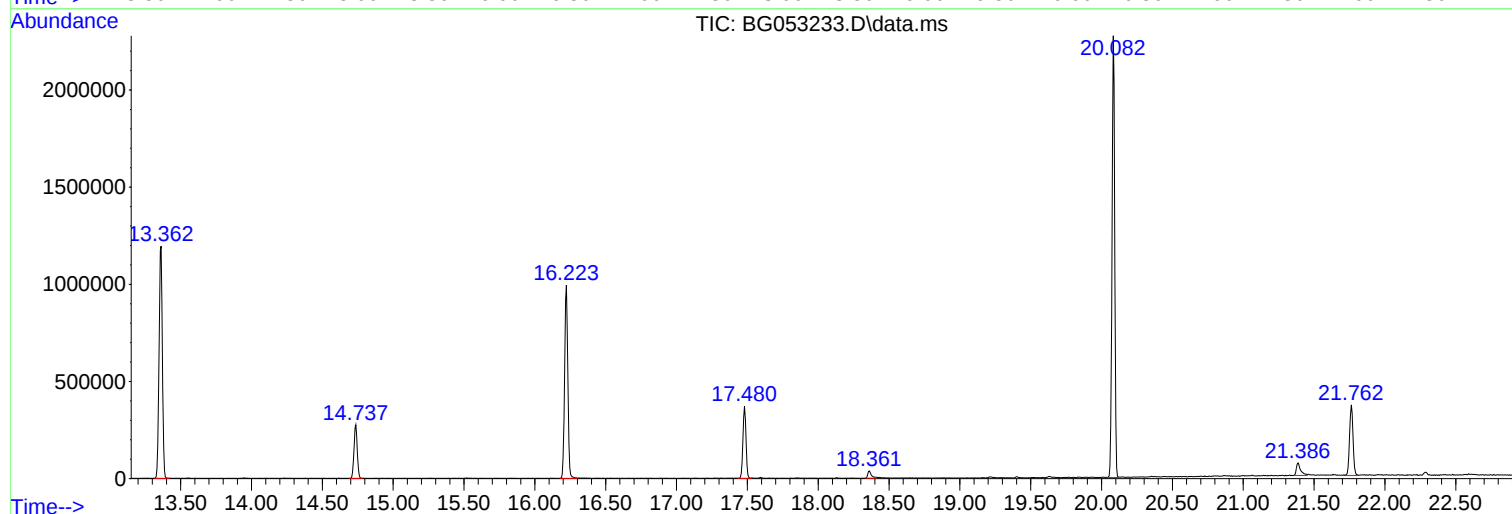
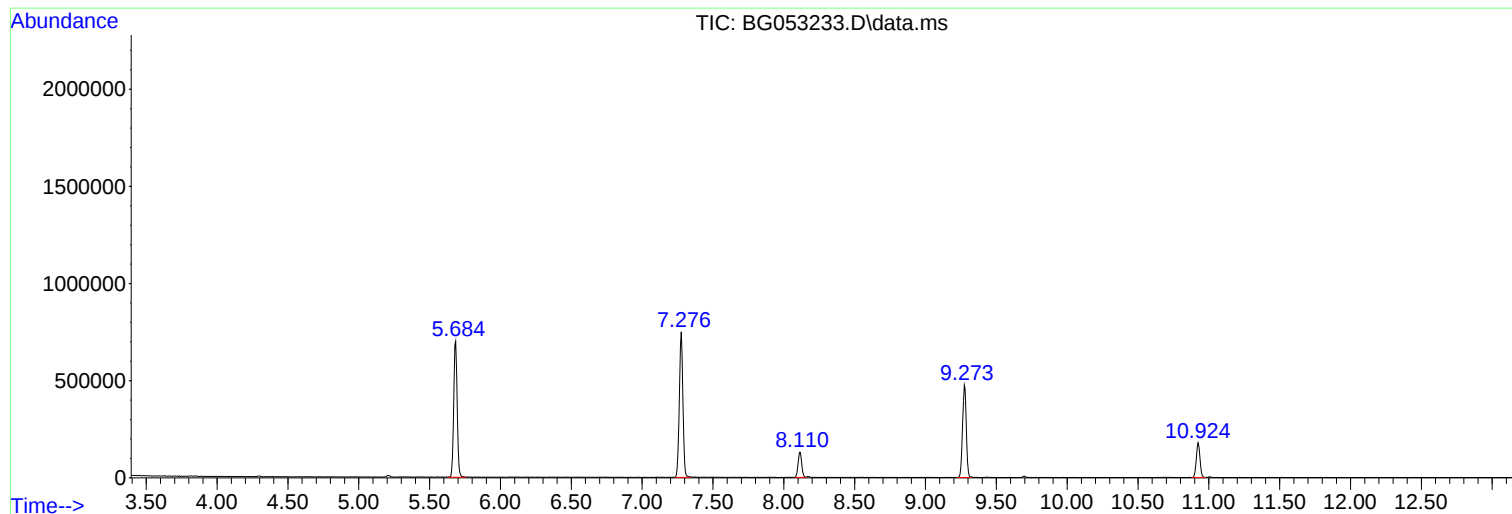
Sum of corrected areas: 12854163

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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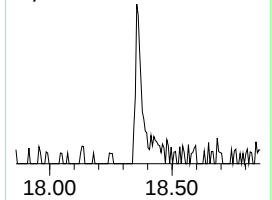
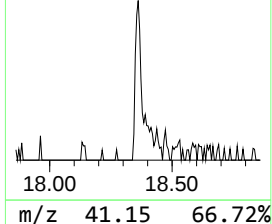
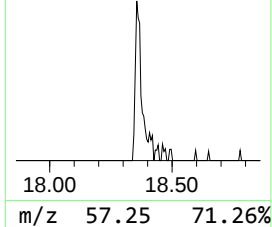
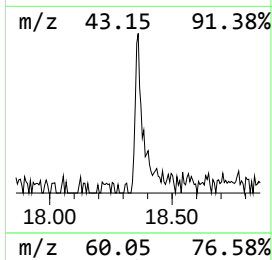
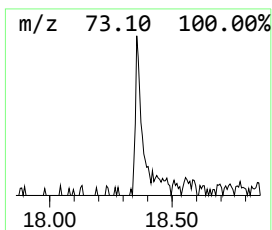
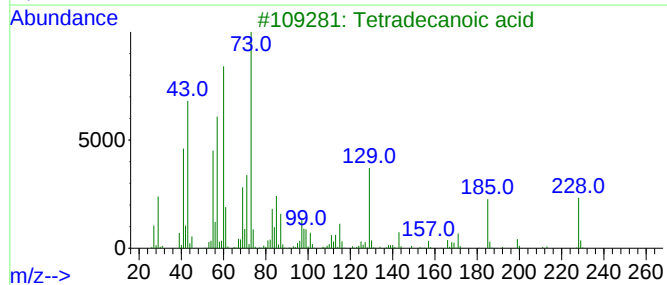
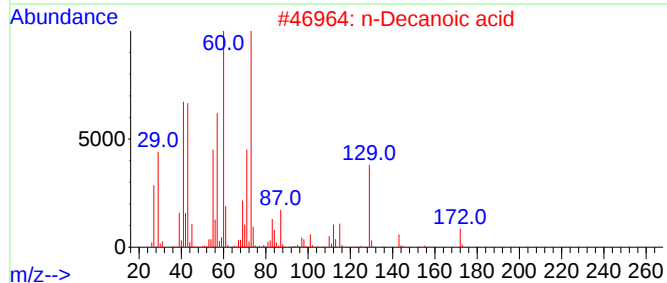
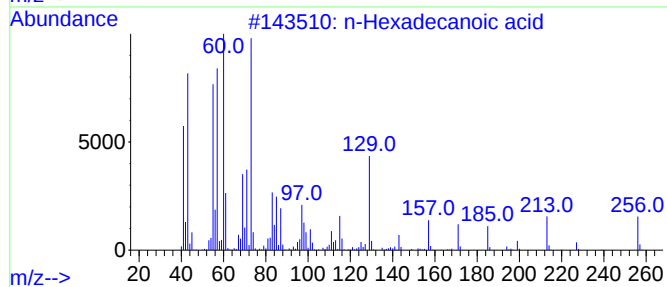
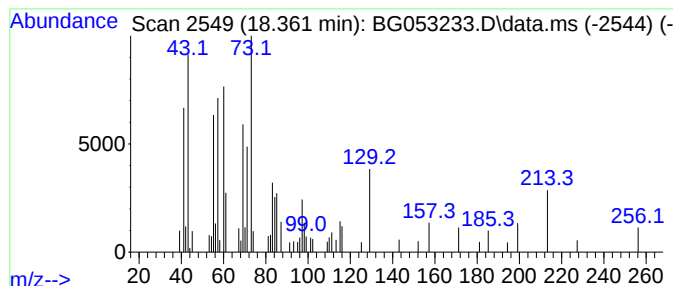
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.361	2.33 ng	63923	Phenanthrene-d10	17.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Decanoic acid	172	C10H20O2	000334-48-5	52
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4			2,3,4,5-Tetrahydroxypentanal	150	C5H10O5	053106-52-8	35
5			1,3,2-Oxathiaborole, 2-ethyl-	116	C4H9BO5	1000161-40-3	22



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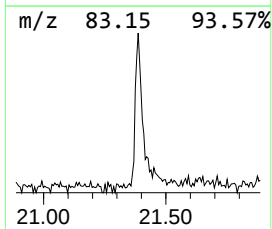
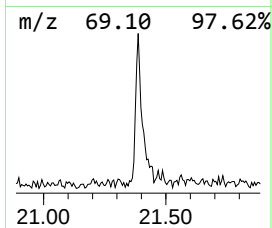
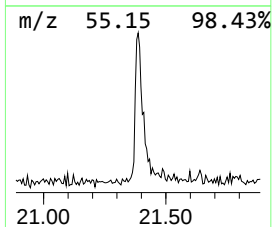
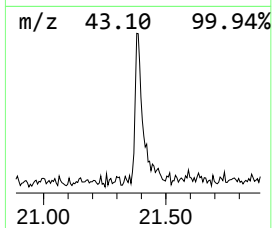
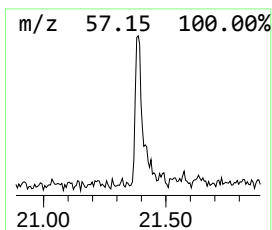
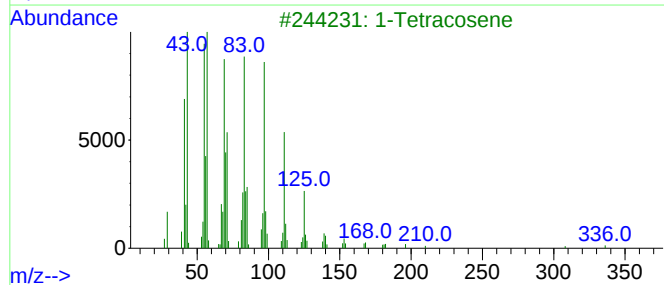
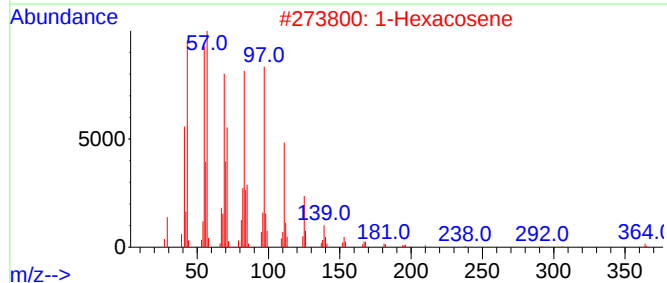
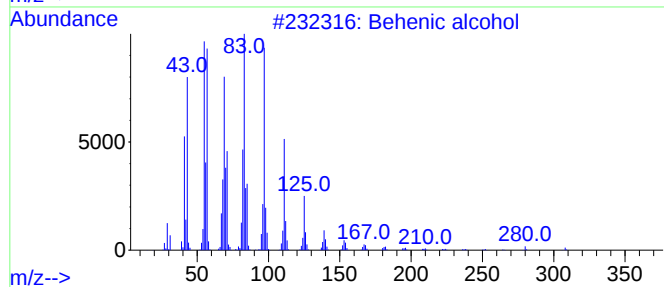
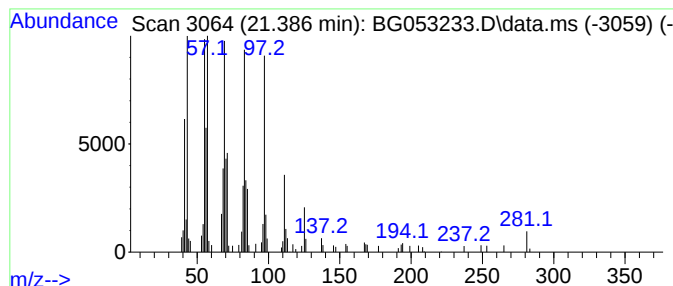
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	4.46 ng	136277	Chrysene-d12	21.762

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	91
2			1-Hexacosene	364	C26H52	018835-33-1	91
3			1-Tetracosene	336	C24H48	010192-32-2	91
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.361	2.3	ng	63923	4	17.480	549827	20.0
Behenic alcohol	21.386	4.5	ng	136277	5	21.762	610615	20.0