

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053645.D
 Acq On : 20 May 2022 15:47
 Operator : CG/JU
 Sample : N2939-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-WATER

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-BG050522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053645.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.637	376	383	395	rBV	237278	400840	17.17%	4.753%
2	7.235	649	655	671	rBV	144094	265474	11.37%	3.148%
3	8.069	789	797	804	rBV	95178	165599	7.10%	1.964%
4	9.232	987	995	1006	rBV	343411	635684	27.24%	7.538%
5	10.877	1269	1275	1283	rBV	121747	224900	9.64%	2.667%
6	13.315	1683	1690	1701	rBV	882676	1413930	60.58%	16.766%
7	14.695	1918	1925	1932	rVB	208929	321975	13.80%	3.818%
8	16.182	2172	2178	2189	rBV	711980	1128960	48.37%	13.387%
9	17.439	2386	2392	2398	rBV	280018	421204	18.05%	4.994%
10	18.326	2537	2543	2551	rBV3	33986	78198	3.35%	0.927%
11	19.595	2754	2759	2767	rBV9	21982	59306	2.54%	0.703%
12	20.047	2829	2836	2843	rBV	1828388	2333990	100.00%	27.676%
13	21.351	3054	3058	3063	rBV8	15366	25425	1.09%	0.301%
14	21.721	3114	3121	3128	rBV	268277	465232	19.93%	5.517%
15	21.897	3147	3151	3155	rVB5	14722	24498	1.05%	0.290%
16	24.987	3668	3677	3689	rVB2	162814	468169	20.06%	5.551%

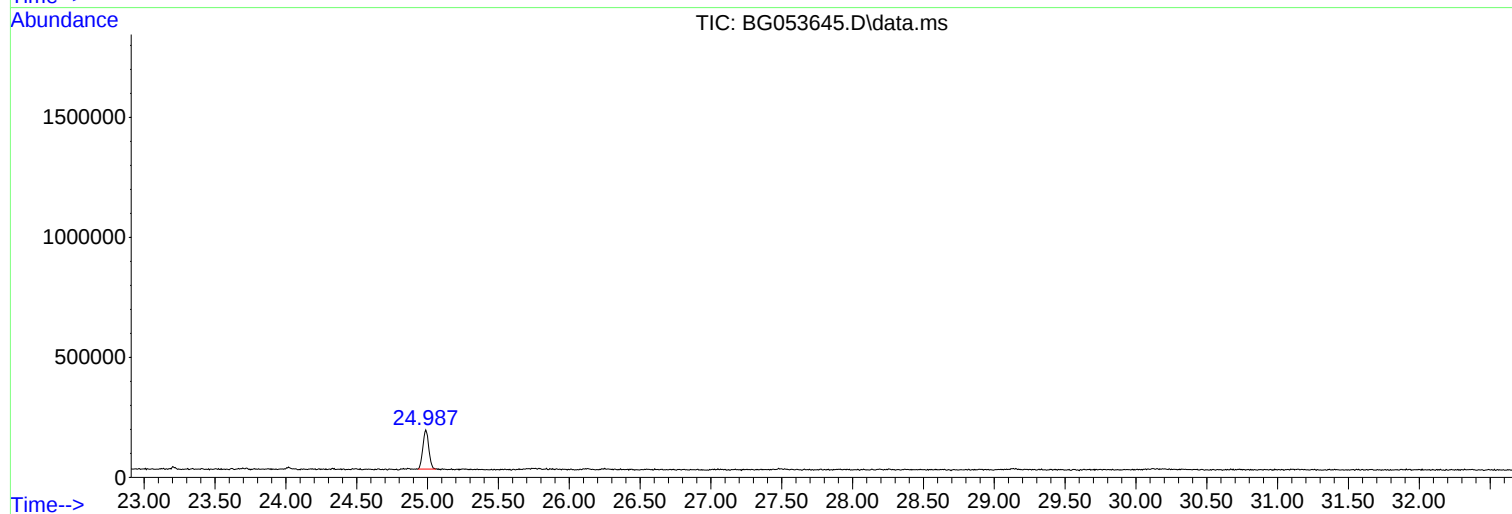
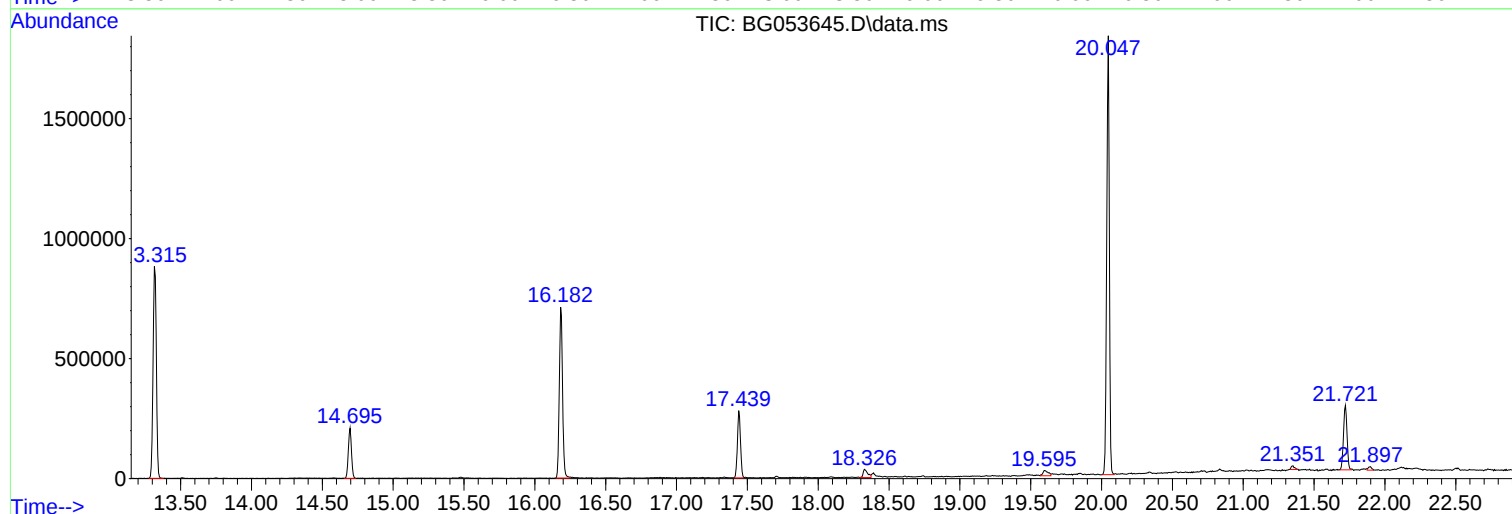
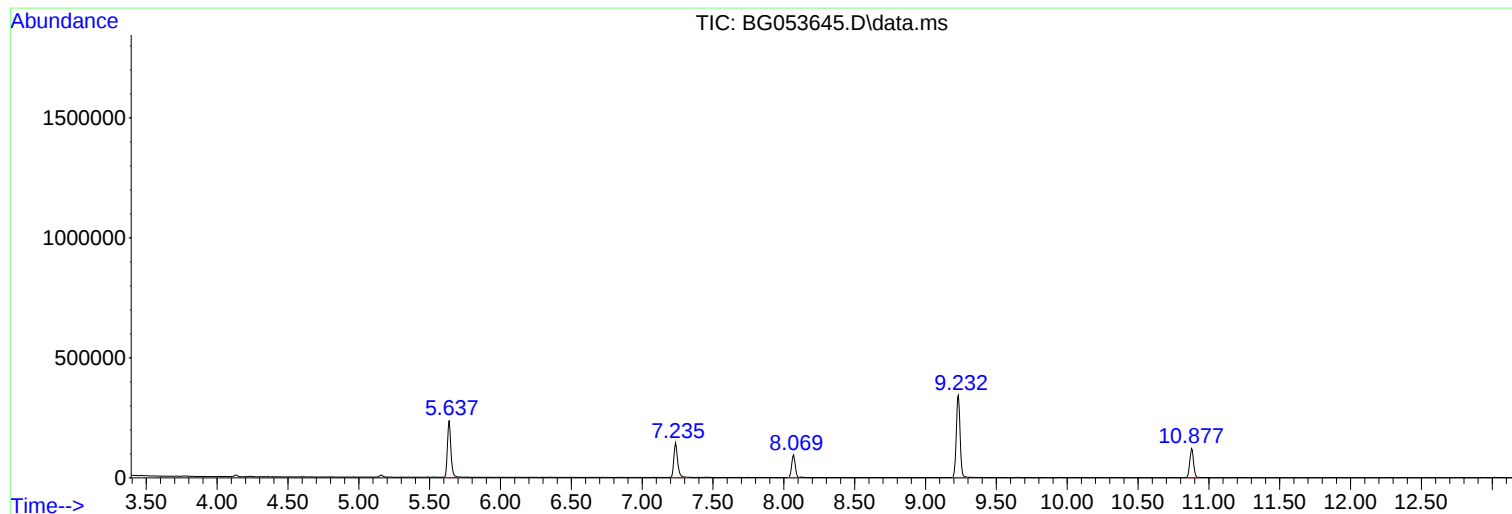
Sum of corrected areas: 8433384

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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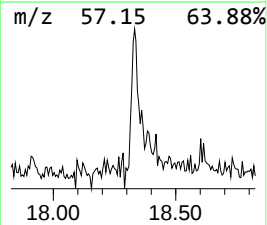
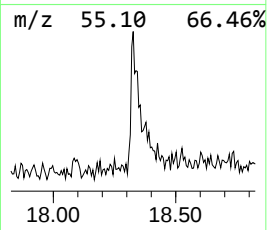
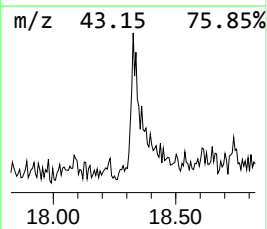
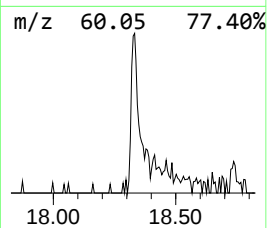
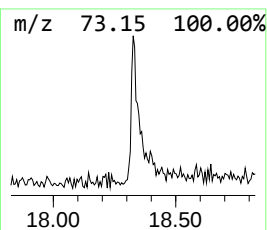
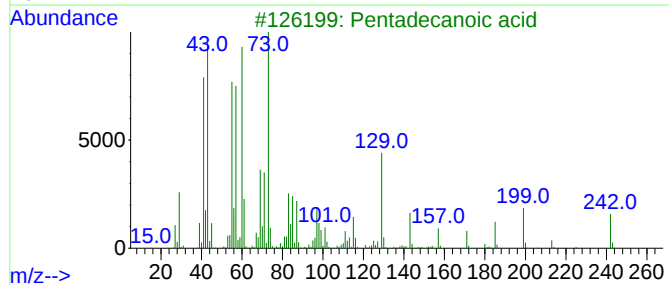
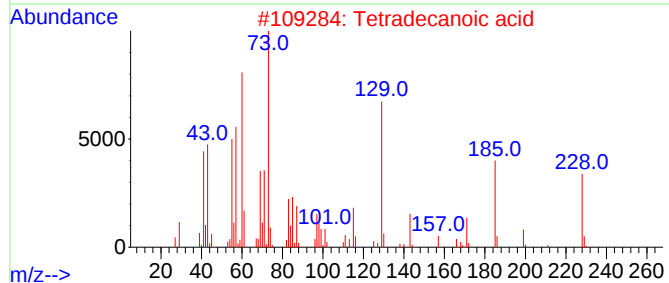
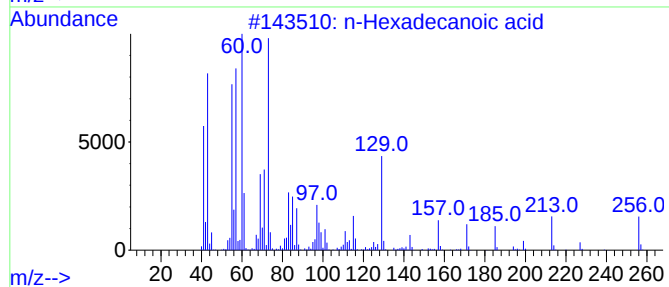
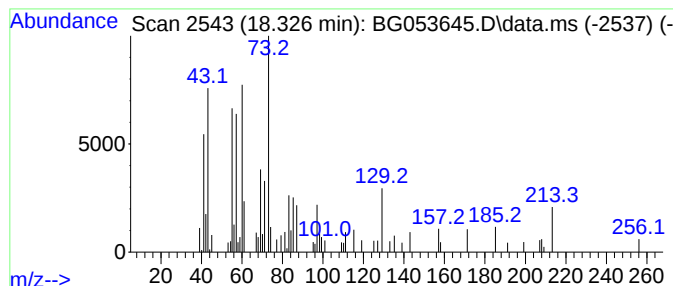
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.326	3.71 ng	78198	Phenanthrene-d10	17.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4			n-Decanoic acid	172	C10H20O2	000334-48-5	47
5			Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	43



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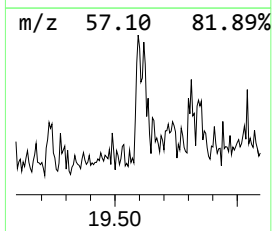
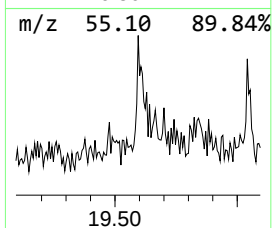
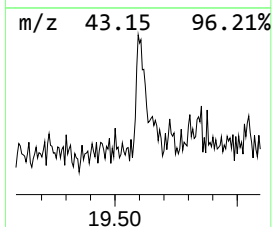
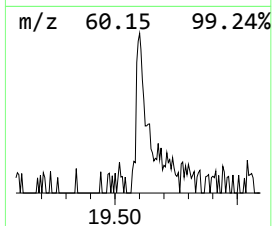
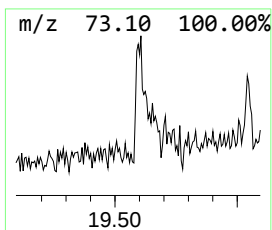
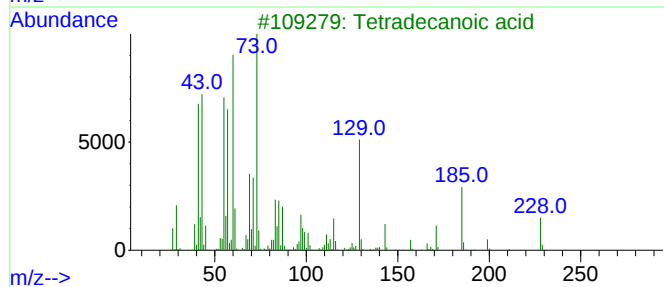
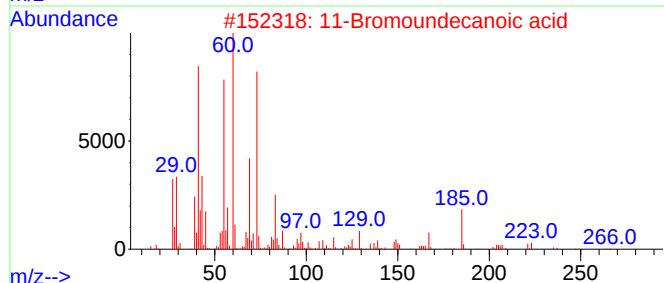
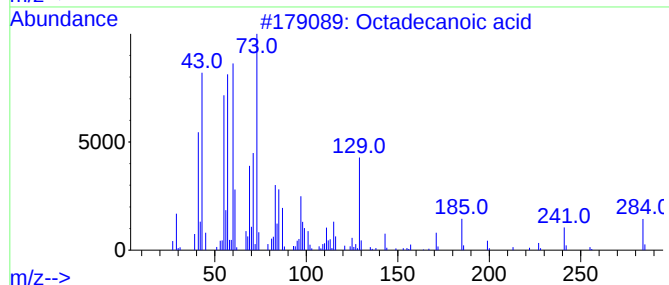
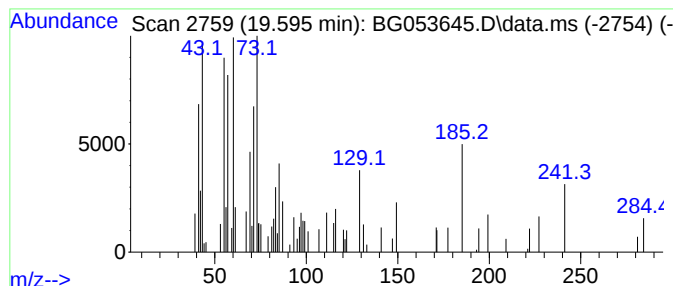
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Peak Number 2 unknown19.595 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.595	2.55 ng	59306	Chrysene-d12	21.721

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	46
2			11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	38
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4			Tridecanoic acid	214	C13H26O2	000638-53-9	38
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.326	3.7	ng	78198	4	17.439	421204	20.0
unknown19.595	19.595	2.5	ng	59306	5	21.721	465232	20.0