

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058547.D
 Acq On : 31 Jul 2023 17:29
 Operator : MA/JU
 Sample : 03741-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P25B

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-BG072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.910	306	310	317	rVB	16895	26637	1.01%	0.190%
2	5.386	384	391	401	rBV	806018	1241574	47.29%	8.866%
3	6.984	654	663	683	rBV	735067	1284612	48.93%	9.173%
4	7.812	798	804	811	rBV	181678	300492	11.45%	2.146%
5	8.976	994	1002	1016	rBV	423844	774907	29.52%	5.533%
6	10.615	1274	1281	1292	rBV	238543	446753	17.02%	3.190%
7	13.083	1693	1701	1713	rBV	1090889	1752311	66.75%	12.513%
8	13.917	1838	1843	1853	rBV	39764	63341	2.41%	0.452%
9	14.457	1929	1935	1948	rVB	403585	647630	24.67%	4.625%
10	15.950	2182	2189	2208	rBV	925275	1491065	56.80%	10.647%
11	17.207	2396	2403	2415	rBV	504695	816982	31.12%	5.834%
12	17.325	2420	2423	2429	rVB2	20804	26986	1.03%	0.193%
13	18.094	2549	2554	2564	rBV2	57697	117649	4.48%	0.840%
14	19.822	2842	2848	2864	rBV	1923808	2625298	100.00%	18.747%
15	21.332	3102	3105	3111	rVB2	20028	27078	1.03%	0.193%
16	21.443	3118	3124	3136	rBV2	521460	845394	32.20%	6.037%
17	22.137	3237	3242	3246	rBV2	23400	37568	1.43%	0.268%
18	22.201	3248	3253	3257	rVB4	19684	29963	1.14%	0.214%
19	22.554	3309	3313	3319	rVB5	18034	28425	1.08%	0.203%
20	22.948	3374	3380	3387	rVB	30422	65457	2.49%	0.467%
21	23.611	3488	3493	3501	rVB2	35181	73685	2.81%	0.526%
22	23.923	3539	3546	3555	rVB3	34842	88304	3.36%	0.631%
23	24.516	3636	3647	3665	rBV	343125	981801	37.40%	7.011%
24	25.104	3742	3747	3758	rVB3	26976	78258	2.98%	0.559%
25	25.562	3818	3825	3837	rVB2	44586	131813	5.02%	0.941%

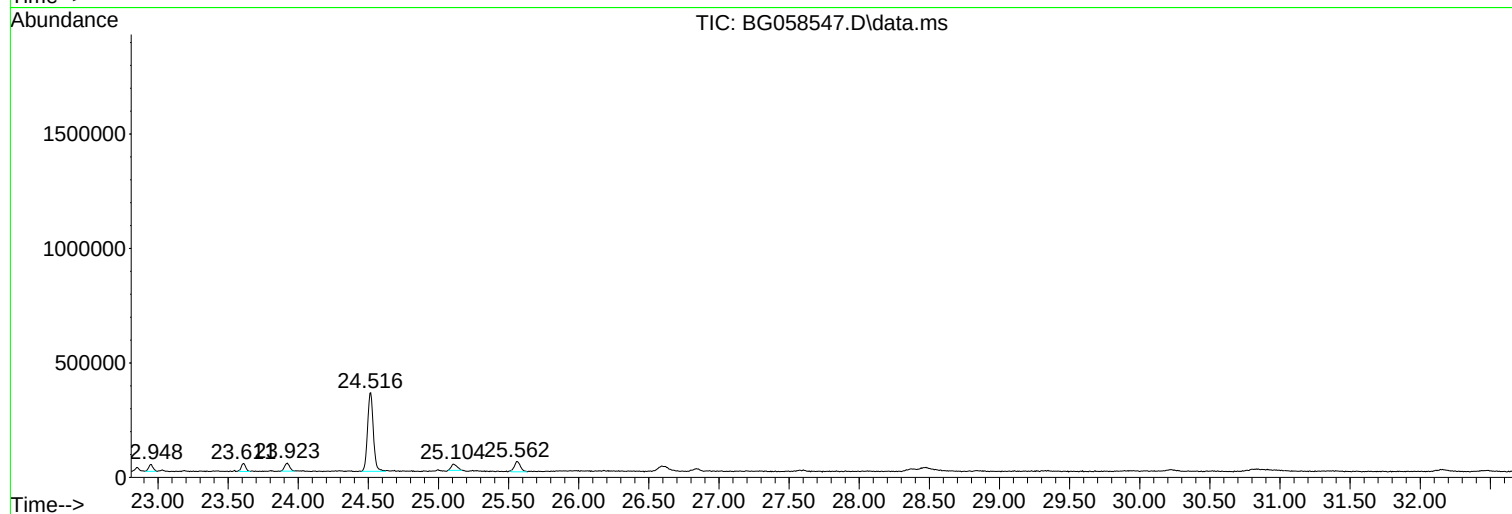
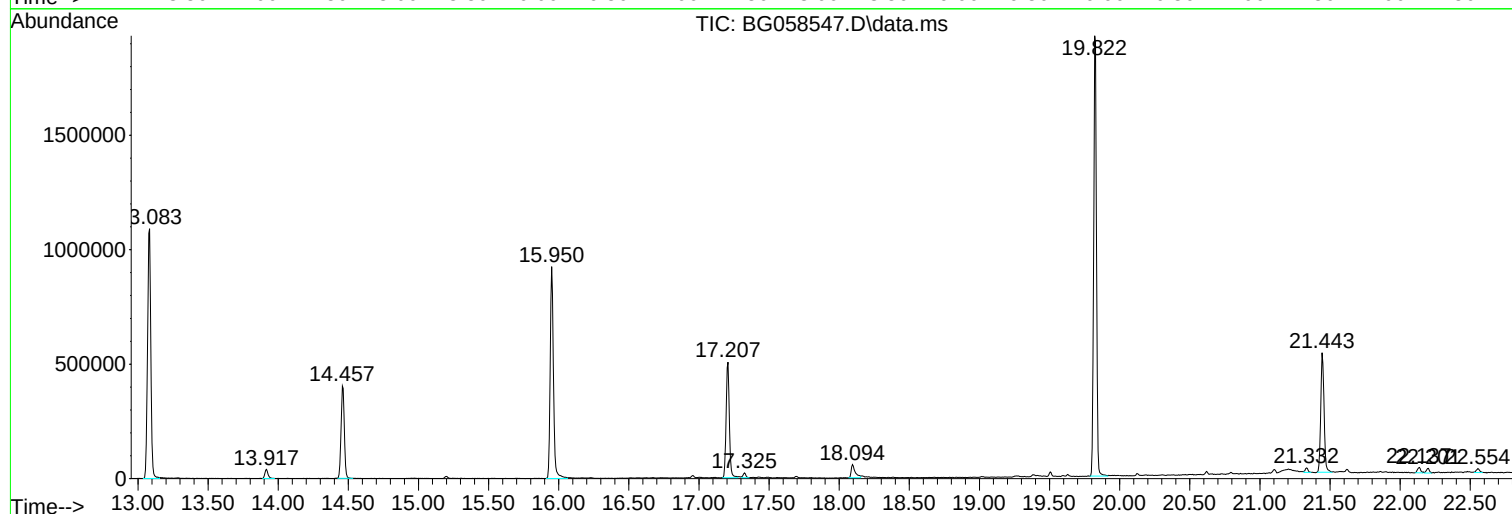
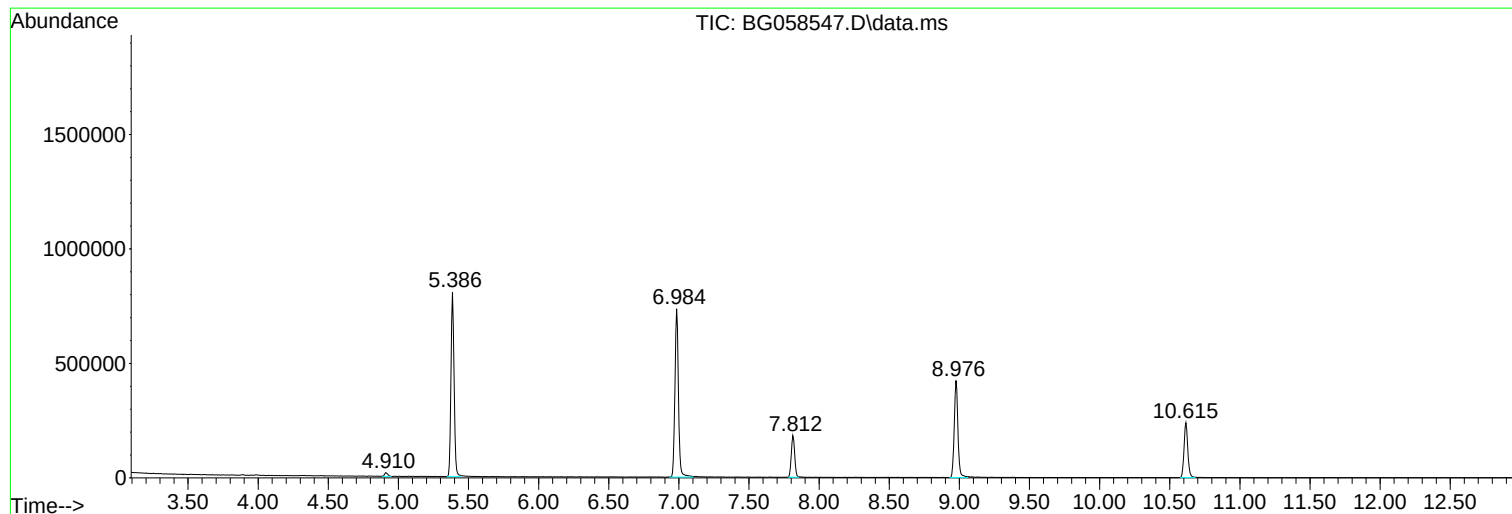
Sum of corrected areas: 14003983

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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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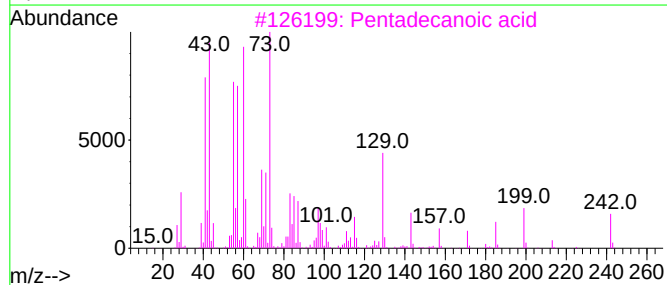
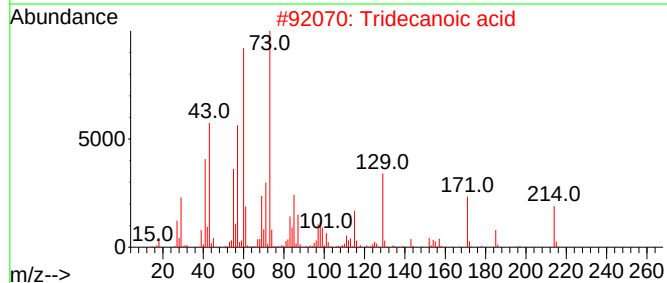
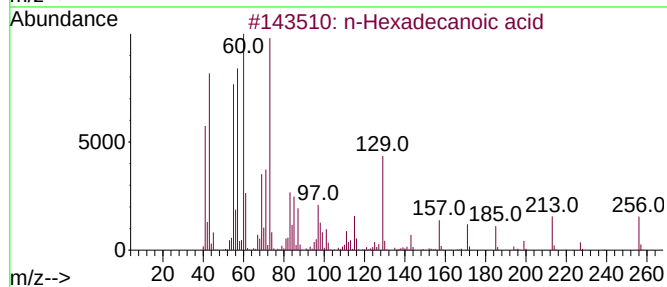
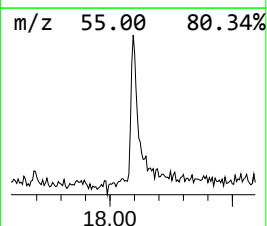
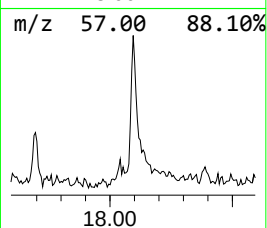
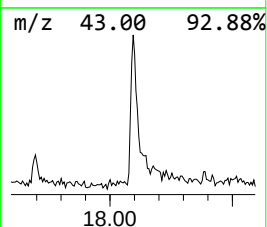
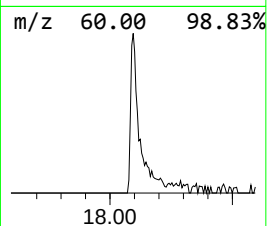
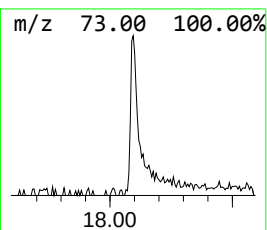
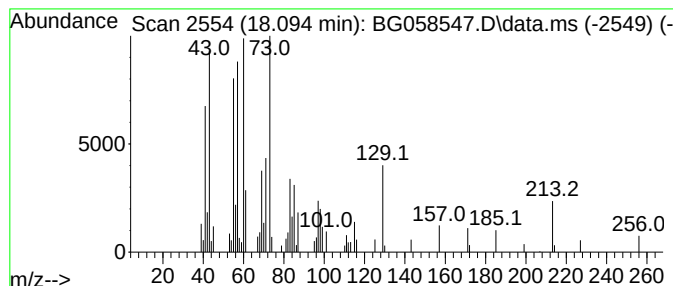
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.094	2.88 ng	117649	Phenanthrene-d10	17.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Tridecanoic acid	214	C13H26O2	000638-53-9	74
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			n-Decanoic acid	172	C10H20O2	000334-48-5	58
5			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18



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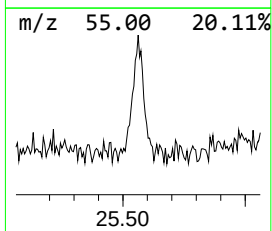
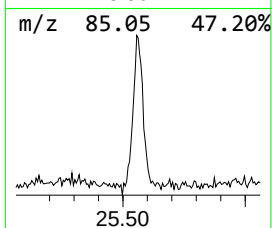
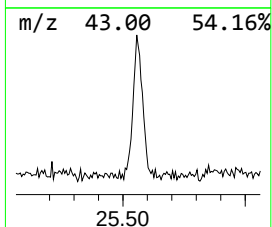
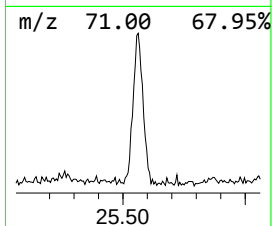
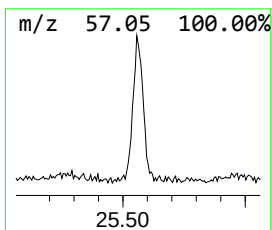
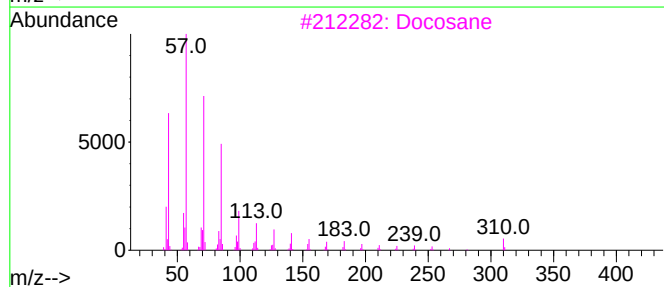
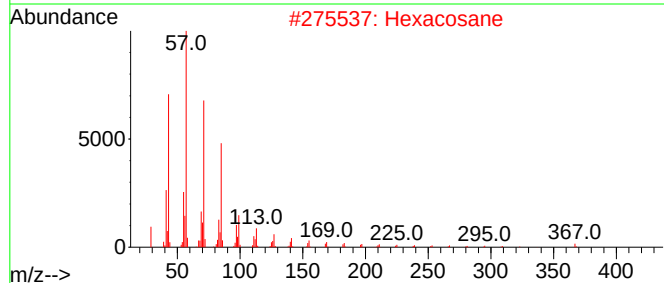
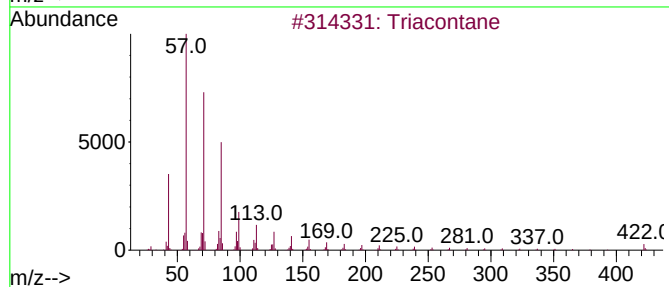
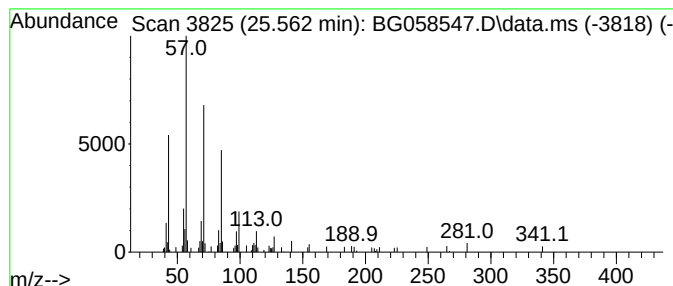
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Peak Number 2 Triacontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.562	2.69 ng	131813	Perylene-d12	24.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Docosane	310	C22H46	000629-97-0	87
4		Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	87
5		Octacosane	394	C28H58	000630-02-4	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.094	2.9	ng	117649	4	17.207	816982	20.0
Triacontane	25.562	2.7	ng	131813	6	24.516	981801	20.0