

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
 Data File : BG047941.D
 Acq On : 20 Jan 2021 17:34
 Operator : CG/JU
 Sample : M1160-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASIN-5

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-BG012021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047941.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.700	394	402	417	rBV	635309	1021717	35.30%	7.721%
2	7.292	665	673	685	rVB	661123	1124487	38.85%	8.497%
3	8.150	812	819	827	rBV	172055	288105	9.95%	2.177%
4	9.313	1007	1017	1024	rBV	375596	659951	22.80%	4.987%
5	10.964	1290	1298	1306	rVB	228747	397798	13.74%	3.006%
6	13.403	1705	1713	1720	rVB	975993	1504309	51.97%	11.368%
7	14.214	1841	1851	1857	rBV	58645	89889	3.11%	0.679%
8	14.772	1935	1946	1953	rBV2	361307	585453	20.23%	4.424%
9	16.252	2189	2198	2208	rBV	831233	1236804	42.73%	9.346%
10	17.516	2406	2413	2419	rBV	539805	794171	27.44%	6.001%
11	18.397	2558	2563	2572	rBV	99776	131498	4.54%	0.994%
12	19.660	2775	2778	2784	rBV2	38259	47370	1.64%	0.358%
13	20.118	2850	2856	2861	rBV	2209482	2894344	100.00%	21.872%
14	21.246	3044	3048	3054	rVB4	24420	35013	1.21%	0.265%
15	21.435	3072	3080	3090	rBV	139406	221867	7.67%	1.677%
16	21.793	3134	3141	3149	rBV	615940	1018728	35.20%	7.698%
17	22.657	3283	3288	3294	rBV7	21920	43868	1.52%	0.331%
18	24.214	3547	3553	3558	rBV5	20924	47781	1.65%	0.361%
19	25.107	3692	3705	3715	rBV2	326131	965548	33.36%	7.296%
20	26.393	3916	3924	3934	rVB6	23905	66910	2.31%	0.506%
21	26.499	3934	3942	3949	rBV6	19771	57768	2.00%	0.437%

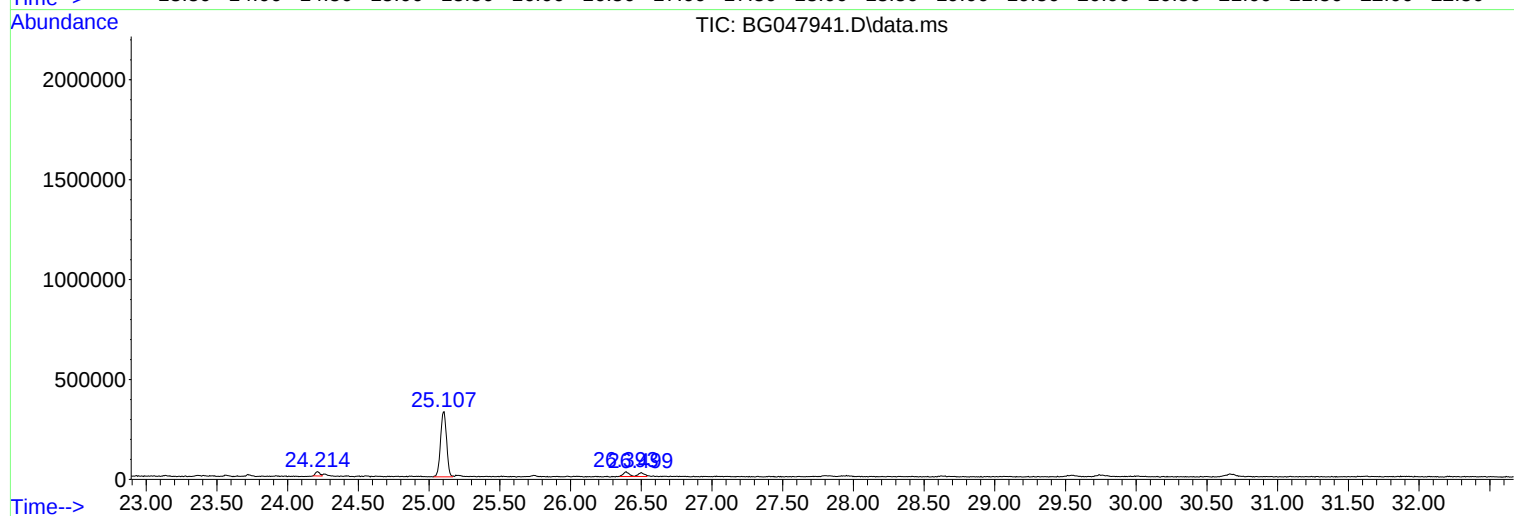
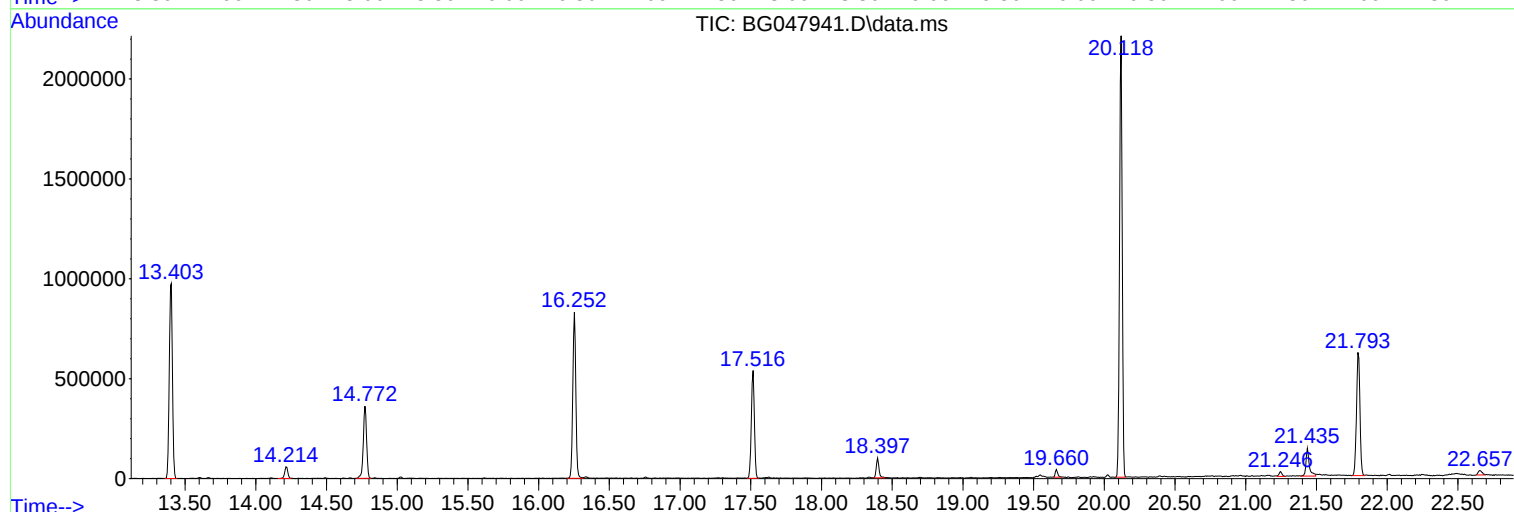
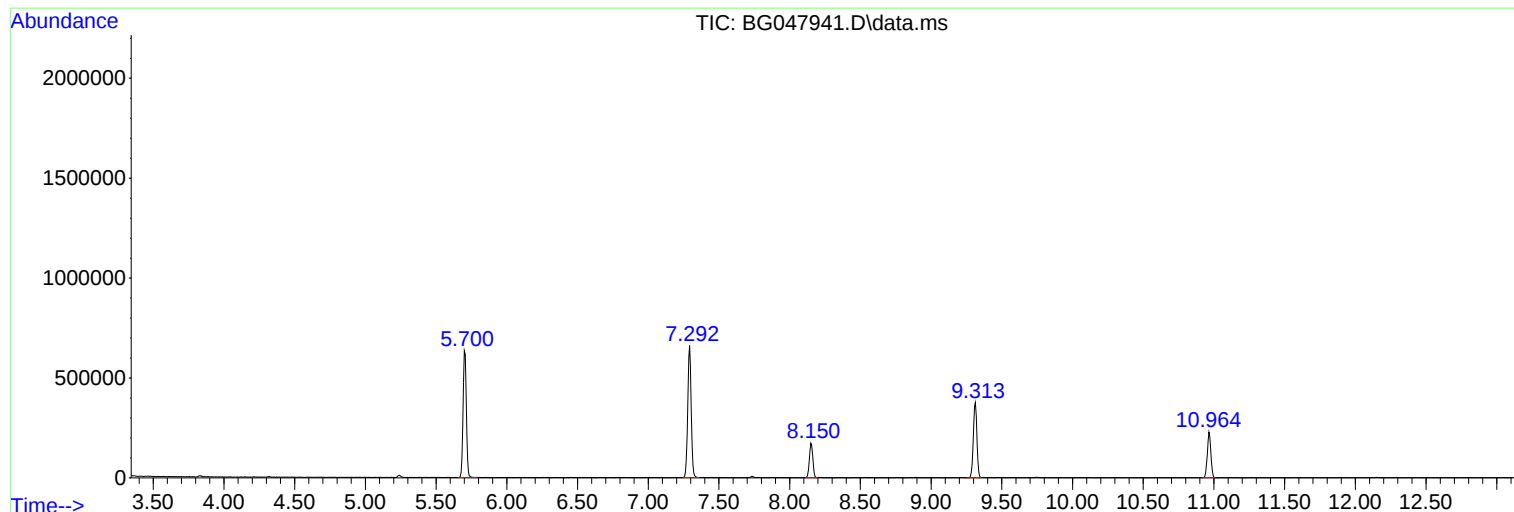
Sum of corrected areas: 13233379

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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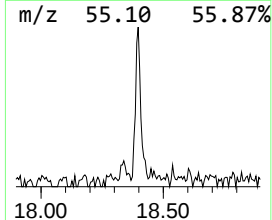
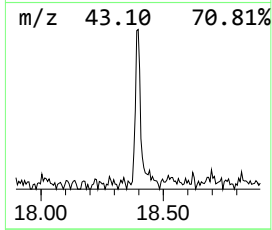
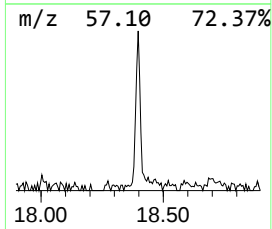
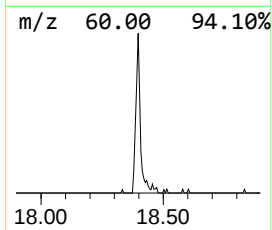
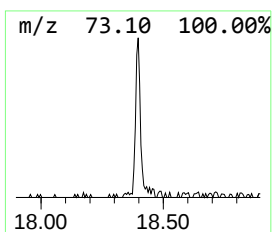
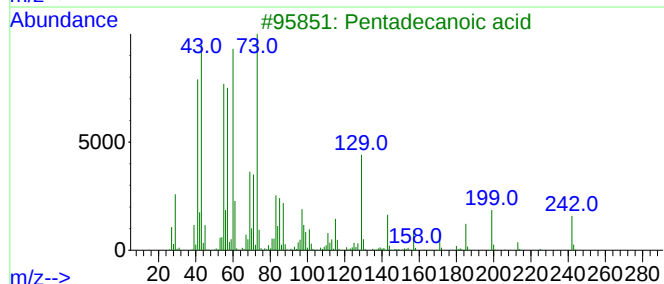
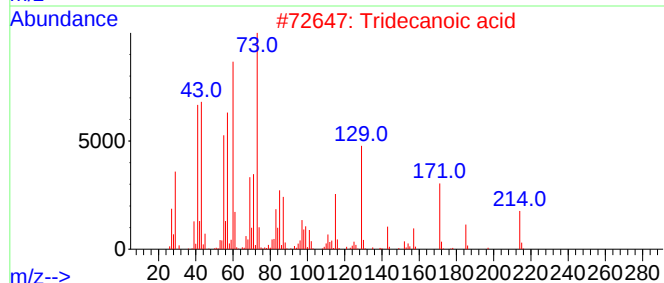
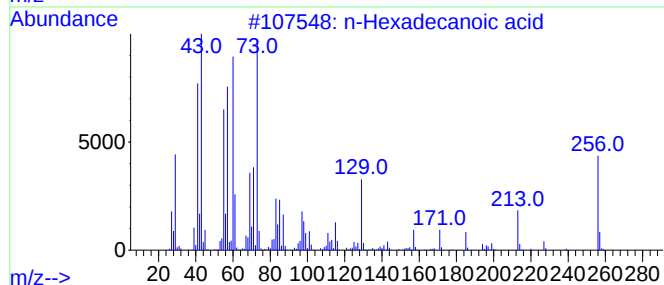
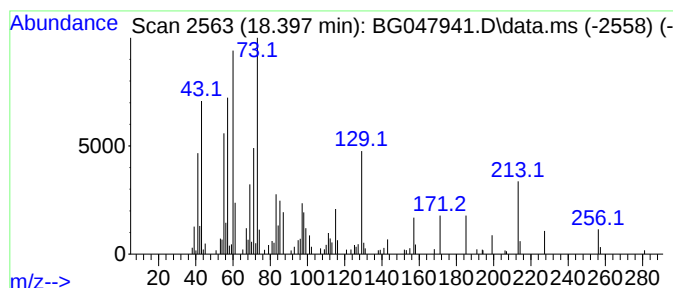
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.397	3.31 ng	131498	Phenanthrene-d10	17.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
5			n-Decanoic acid	172	C10H20O2	000334-48-5	50



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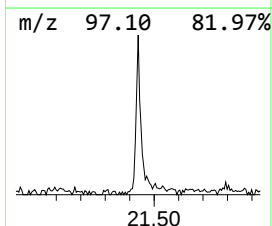
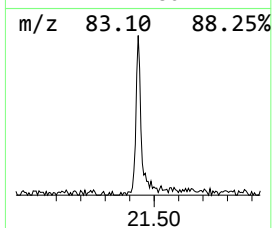
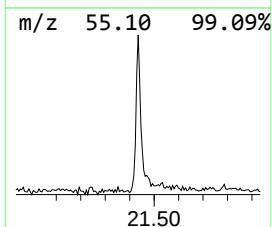
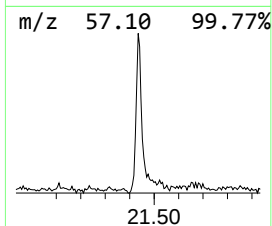
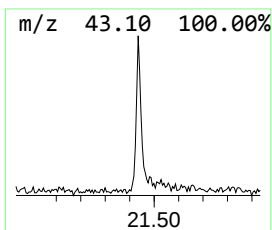
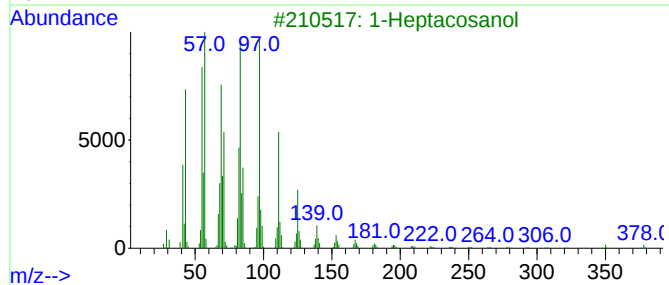
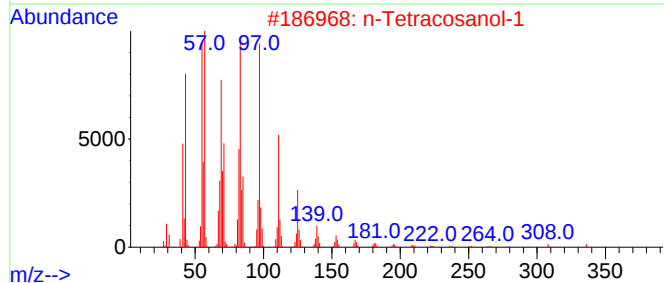
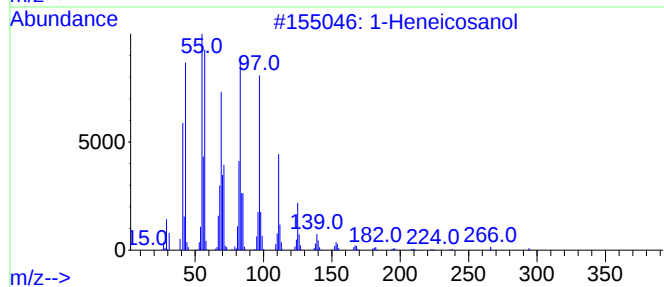
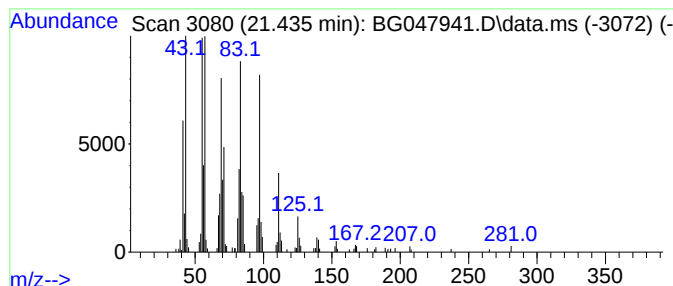
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TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.435	4.36 ng	221867	Chrysene-d12	21.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3			1-Heptacosanol	396	C27H56O	002004-39-9	94
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5			Behenic alcohol	326	C22H46O	000661-19-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.397	3.3	ng	131498	4	17.516	794171	20.0
1-Heneicosanol	21.435	4.4	ng	221867	5	21.793	1018730	20.0