

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053457.D
 Acq On : 5 May 2022 19:15
 Operator : CG/JU
 Sample : N2677-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5,17

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: BG053457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.656	380	386	398	rBV	406101	670456	31.02%	7.841%
2	7.253	651	658	673	rBV	421429	757078	35.03%	8.854%
3	8.088	793	800	807	rBV	82960	142751	6.61%	1.670%
4	9.251	990	998	1011	rBV	261895	487398	22.55%	5.700%
5	10.901	1269	1279	1294	rBV	104369	198675	9.19%	2.324%
6	13.339	1686	1694	1703	rBV	679875	1107636	51.25%	12.954%
7	14.714	1921	1928	1936	rBV	183465	291608	13.49%	3.410%
8	16.200	2175	2181	2197	rBV	607808	960652	44.45%	11.235%
9	17.457	2387	2395	2403	rBV	256298	406615	18.81%	4.756%
10	18.338	2541	2545	2557	rBV4	23577	47663	2.21%	0.557%
11	20.060	2832	2838	2844	rBV	1687060	2161163	100.00%	25.276%
12	21.358	3053	3059	3072	rBV	152594	288130	13.33%	3.370%
13	21.734	3117	3123	3134	rBV	296157	503685	23.31%	5.891%
14	25.018	3671	3682	3695	rVB2	168440	502590	23.26%	5.878%
15	26.286	3891	3898	3900	rBV6	12008	24251	1.12%	0.284%

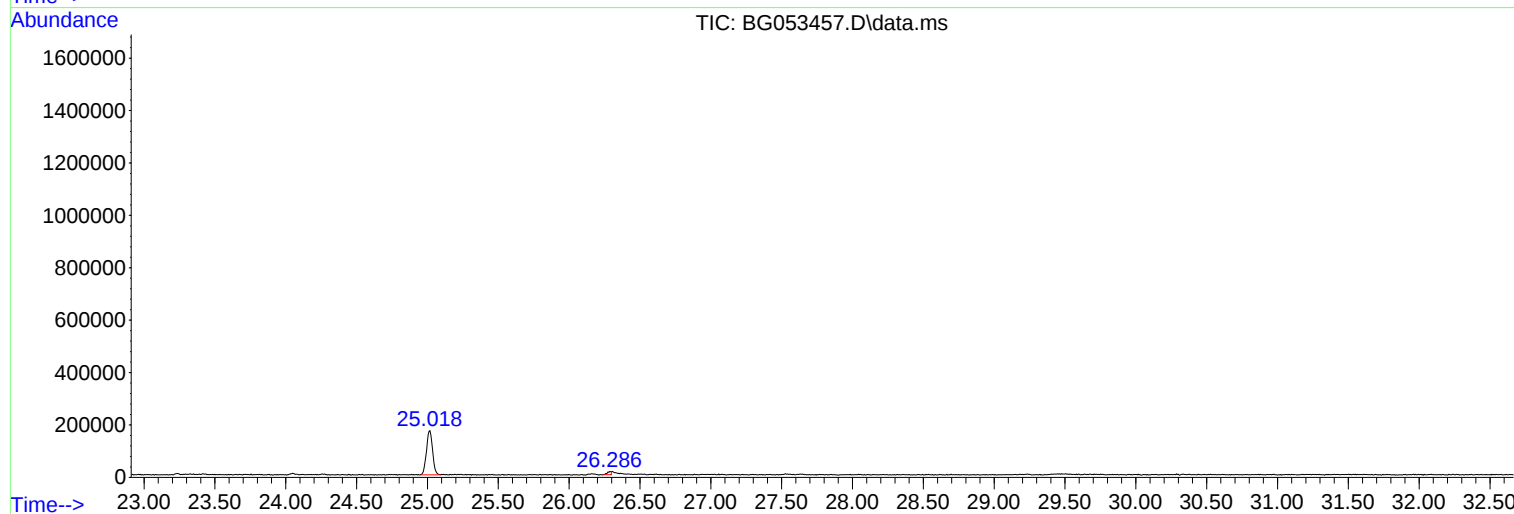
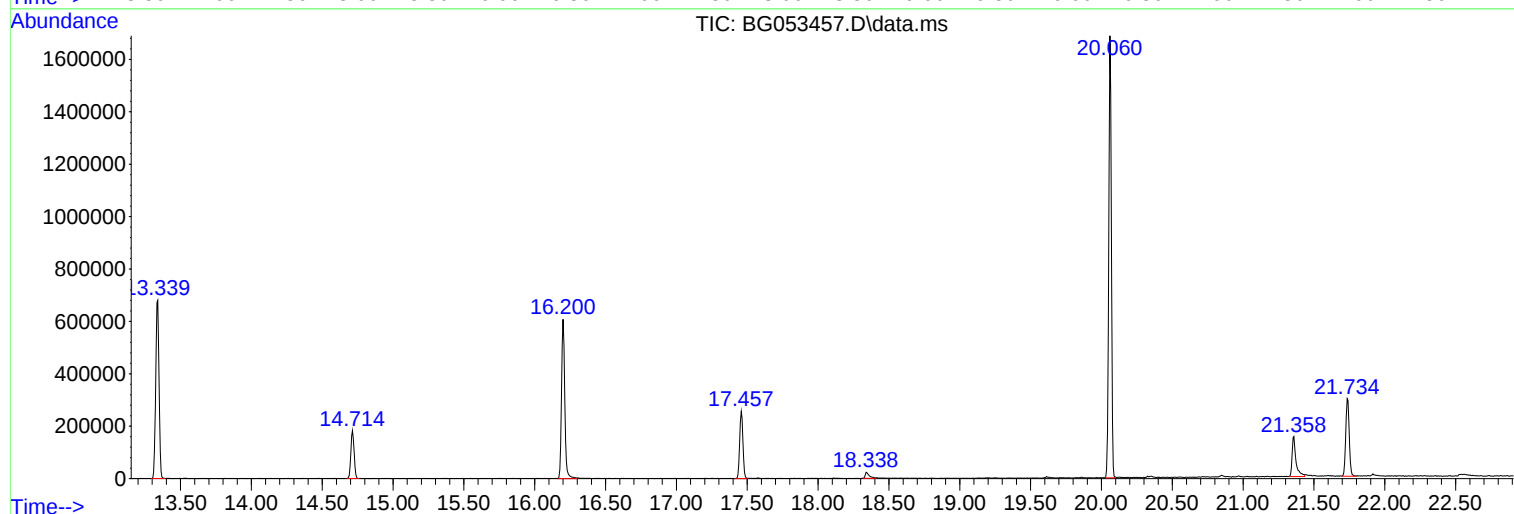
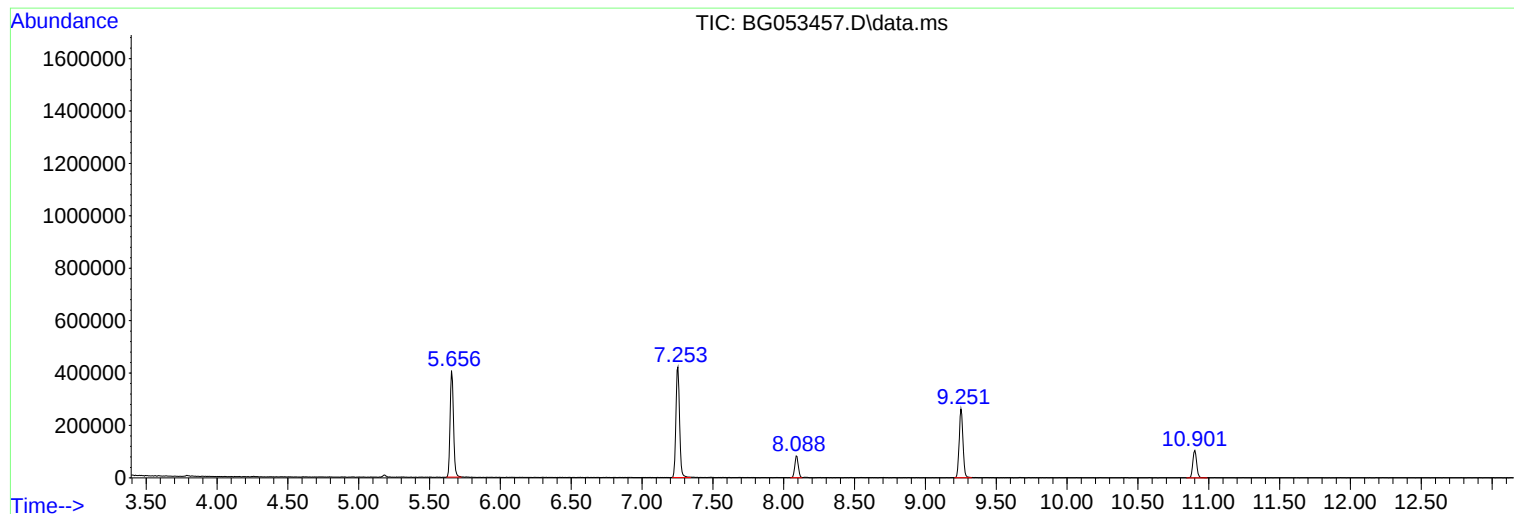
Sum of corrected areas: 8550351

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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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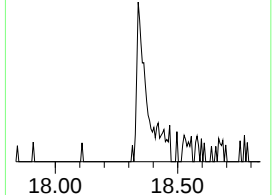
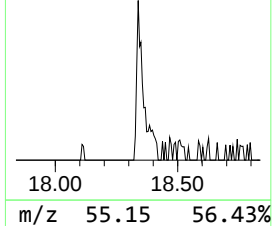
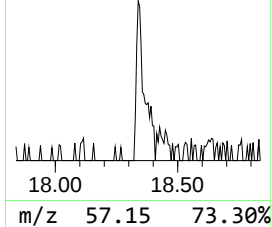
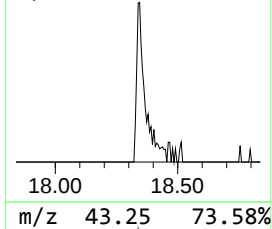
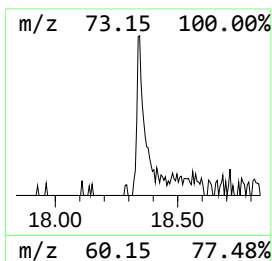
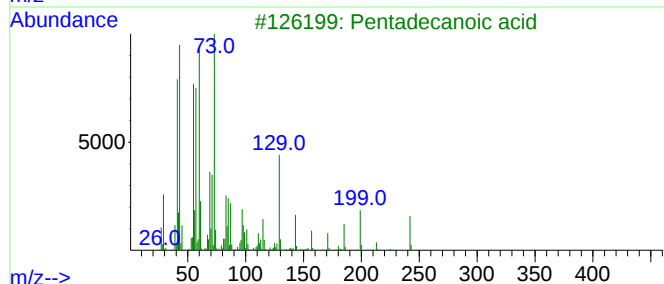
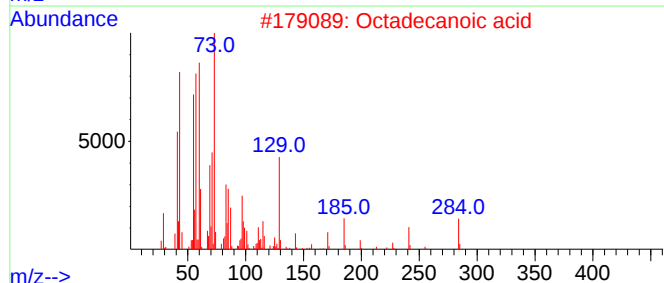
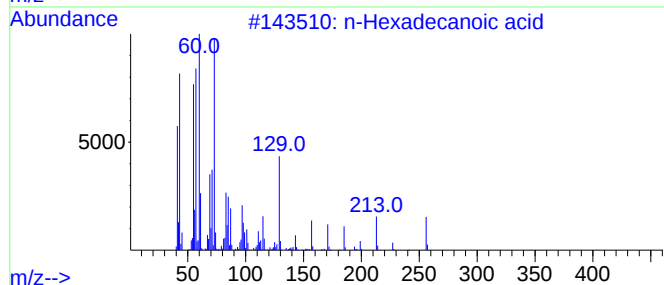
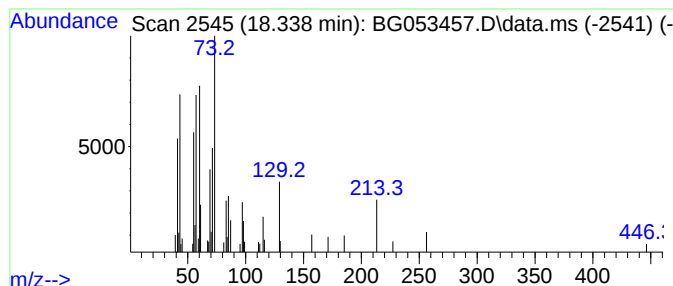
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.338	2.34 ng	47663	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	62
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4			l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	27
5			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25



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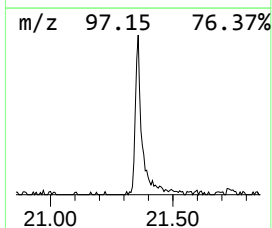
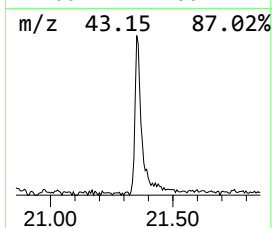
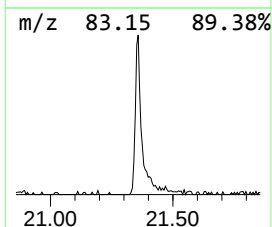
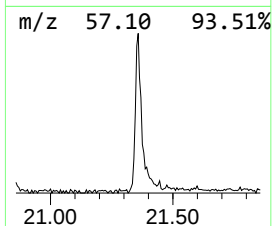
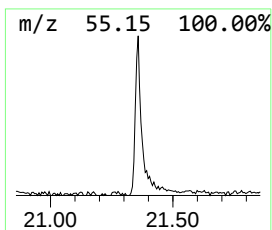
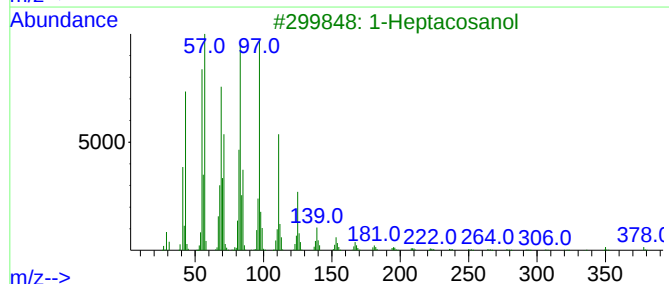
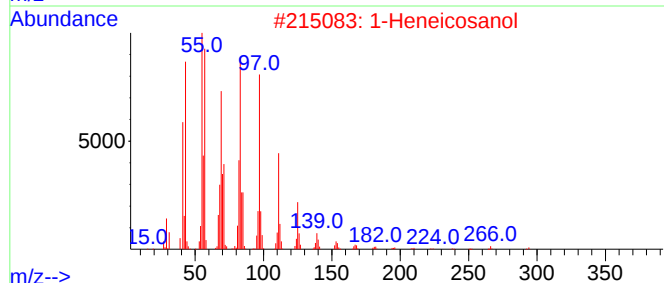
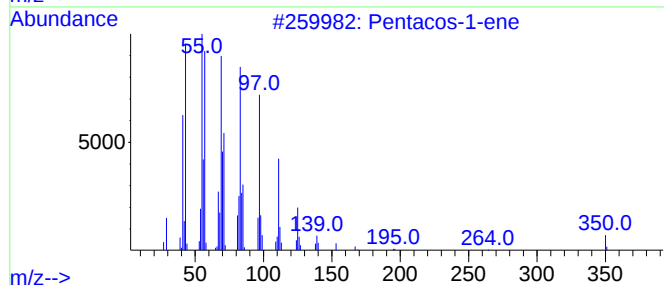
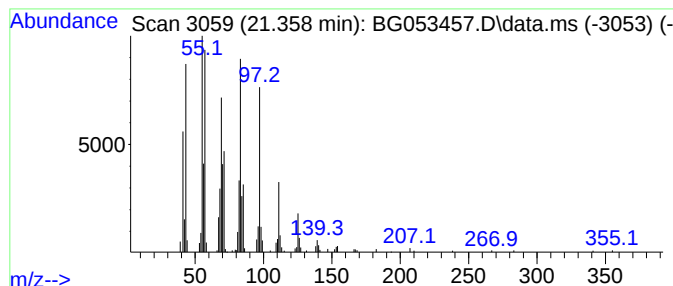
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Peak Number 2 Pentacos-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.358	11.44 ng	288130	Chrysene-d12	21.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacos-1-ene	350	C25H50	016980-85-1	94
2			1-Heneicosanol	312	C21H44O	015594-90-8	93
3			1-Heptacosanol	396	C27H56O	002004-39-9	91
4			1-Tetracosene	336	C24H48	010192-32-2	91
5			1-Tricosene	322	C23H46	018835-32-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.338	2.3	ng	47663	4	17.457	406615	20.0
Pentacos-1-ene	21.358	11.4	ng	288130	5	21.734	503685	20.0