

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053227.D
 Acq On : 20 Apr 2022 22:27
 Operator : CG/JU
 Sample : N2451-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1120

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: BG053227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.209	303	310	317	rBV	19885	33804	1.35%	0.305%
2	5.684	384	391	399	rVB	553571	938298	37.42%	8.464%
3	7.276	653	662	674	rBV	605465	1064521	42.45%	9.602%
4	8.116	797	805	811	rBV	128872	228964	9.13%	2.065%
5	9.274	994	1002	1012	rBV	383411	700204	27.92%	6.316%
6	10.924	1276	1283	1290	rBV	174663	308774	12.31%	2.785%
7	13.362	1690	1698	1706	rBV	953657	1551699	61.88%	13.997%
8	14.737	1925	1932	1938	rBV	269422	427394	17.04%	3.855%
9	16.223	2177	2185	2199	rBV	825449	1268514	50.59%	11.443%
10	17.480	2392	2399	2408	rBV	359138	543501	21.67%	4.903%
11	18.361	2545	2549	2559	rBV2	40030	71948	2.87%	0.649%
12	20.083	2836	2842	2848	rBV	1949397	2507541	100.00%	22.619%
13	21.381	3058	3063	3075	rBV	132676	258128	10.29%	2.328%
14	21.763	3121	3128	3136	rBV	345504	586049	23.37%	5.286%
15	25.064	3680	3690	3701	rVB2	205434	596610	23.79%	5.382%

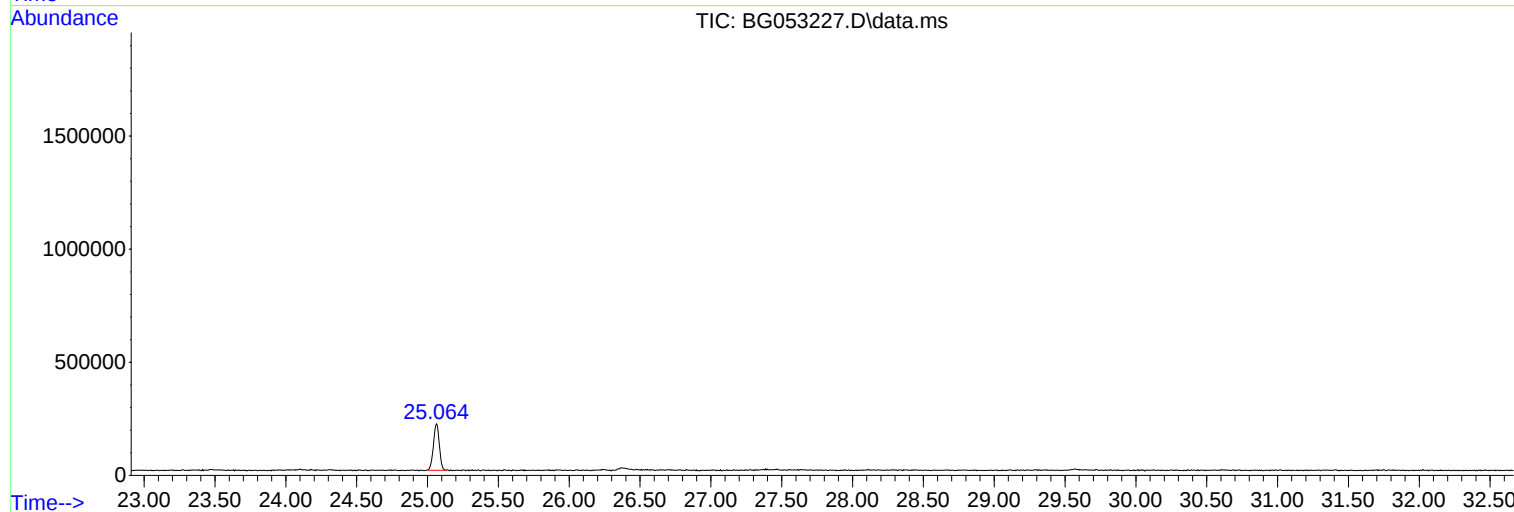
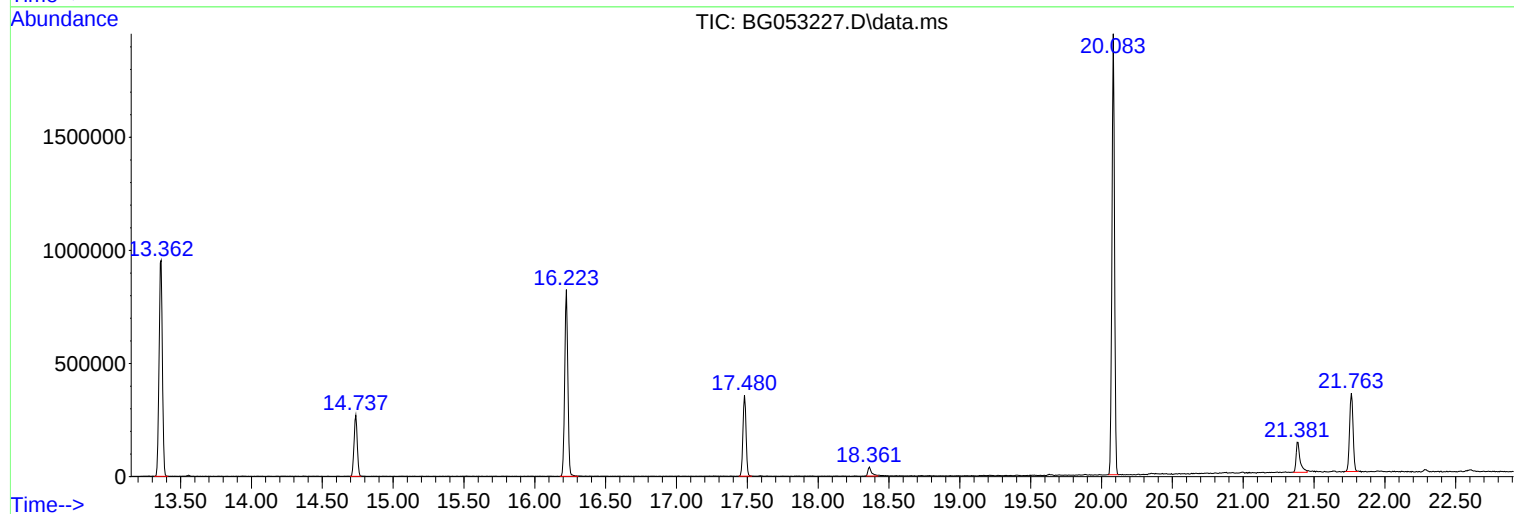
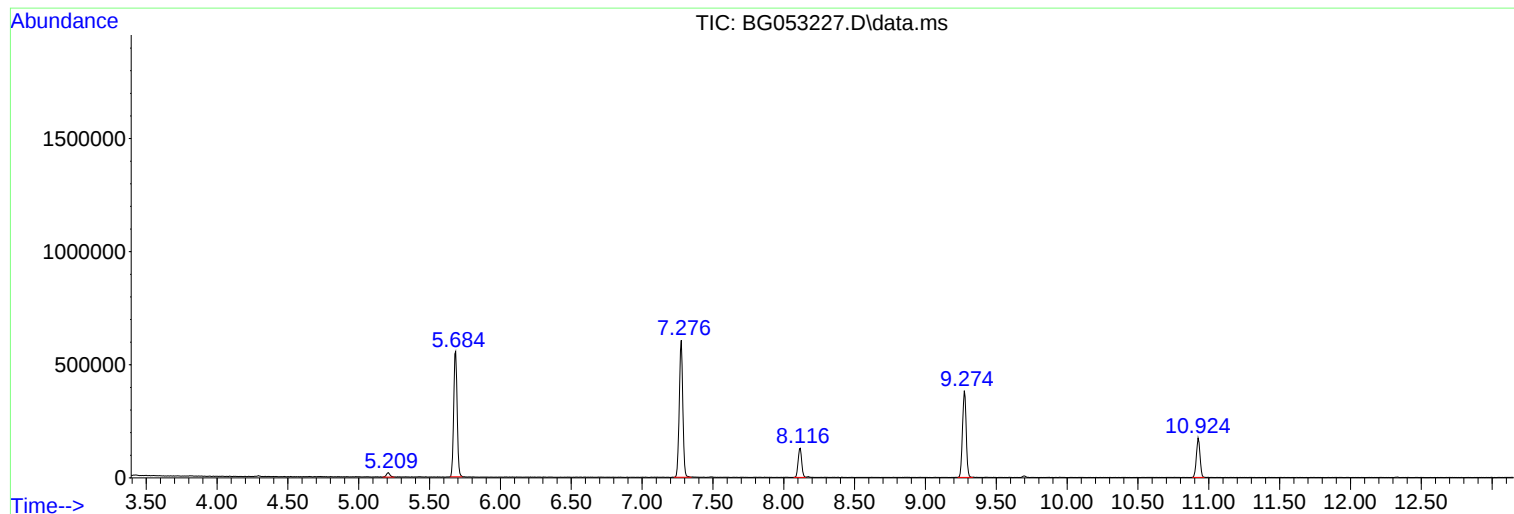
Sum of corrected areas: 11085949

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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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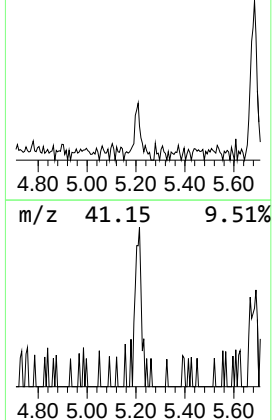
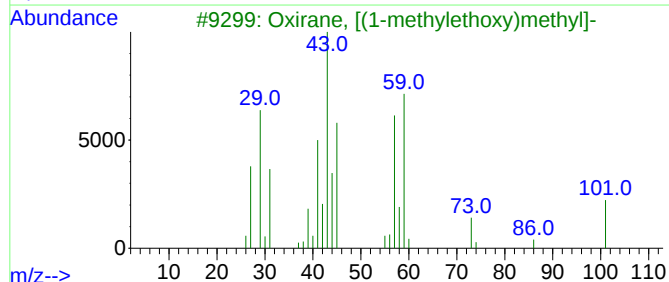
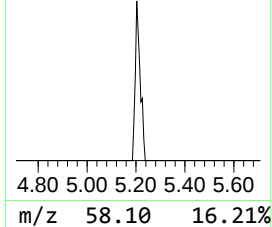
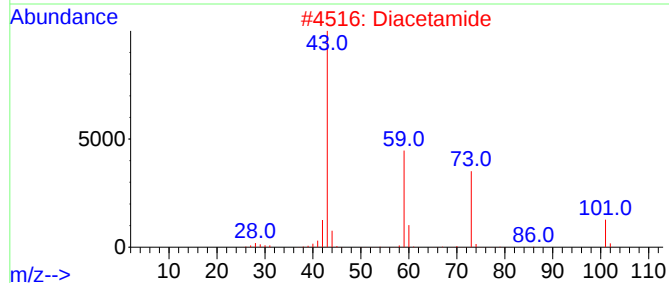
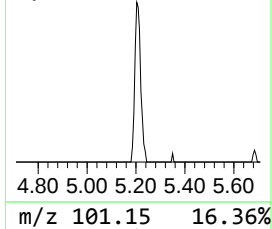
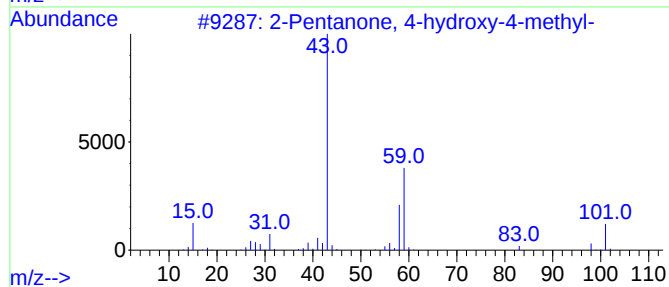
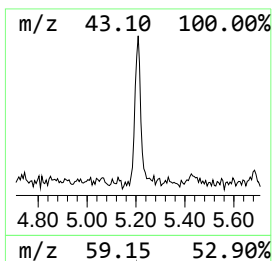
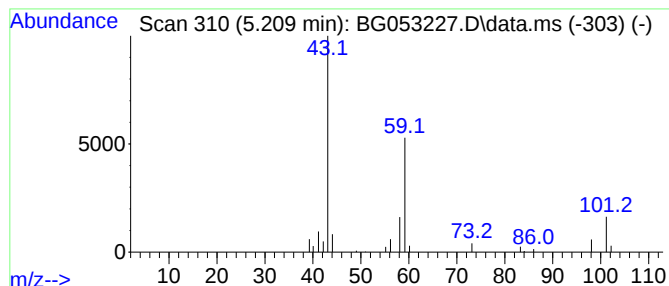
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.209	2.95 ng	33804	1,4-Dichlorobenzene-d4	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Diacetamide	101	C4H7NO2	000625-77-4	42	
3	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	40	
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38	
5	Isopropyldimethylsilane	102	C5H14Si	1000433-69-3	37	



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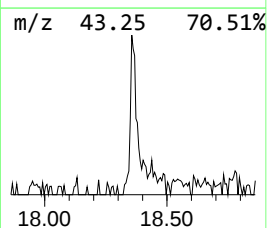
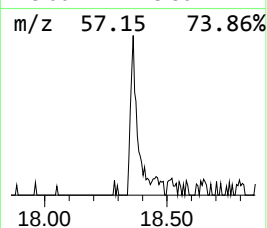
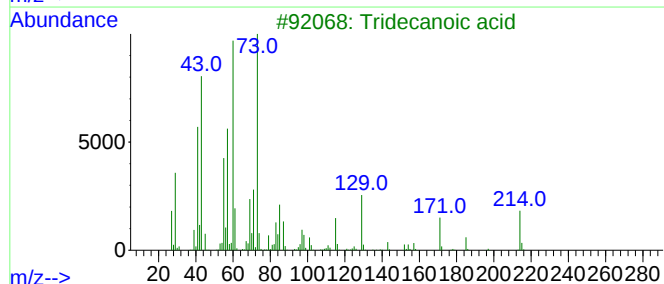
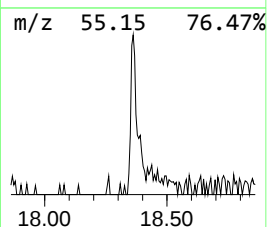
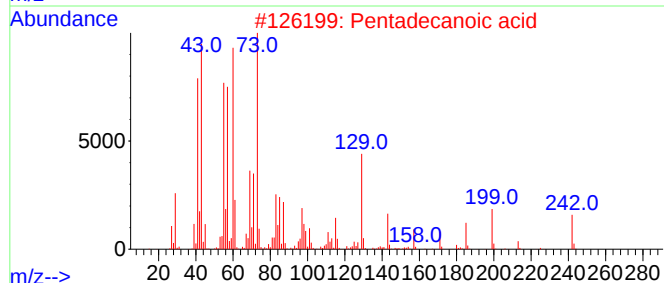
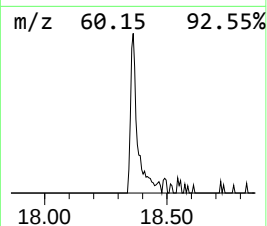
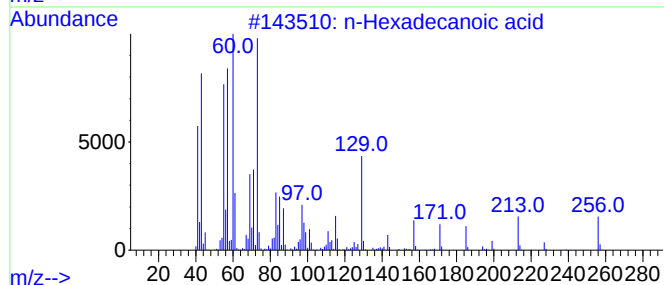
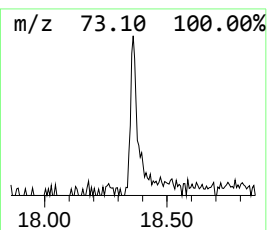
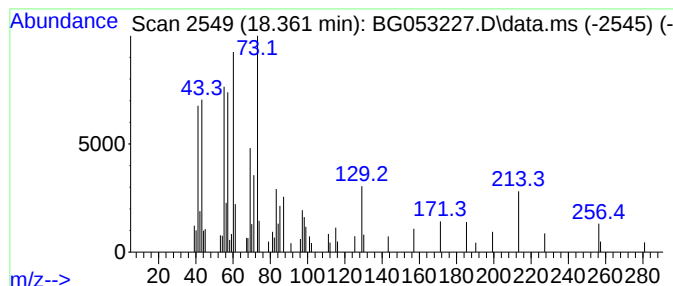
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.361	2.65 ng	71948	Phenanthrene-d10	17.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Undecanoic acid	186	C11H22O2	000112-37-8	59
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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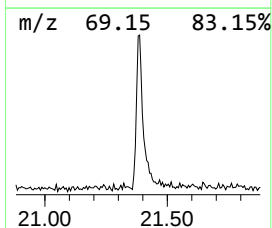
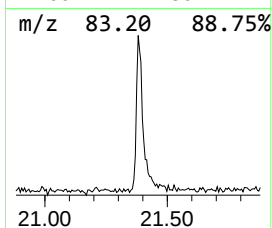
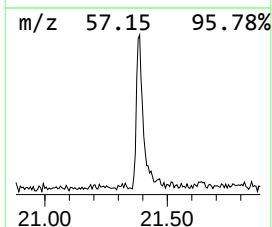
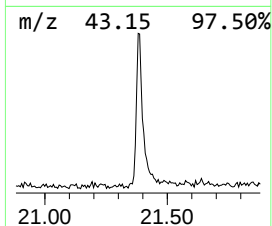
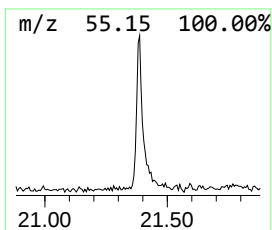
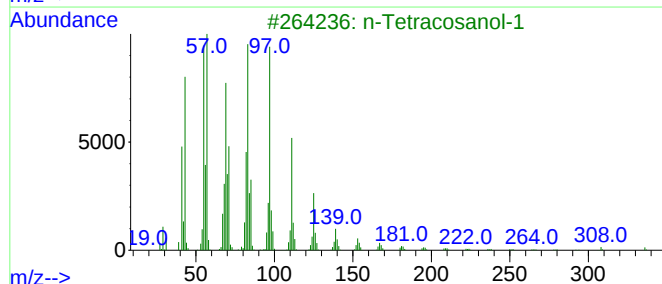
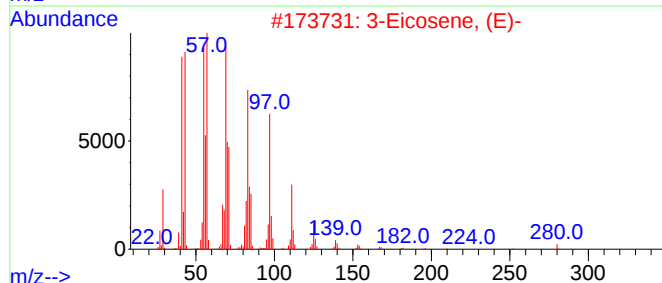
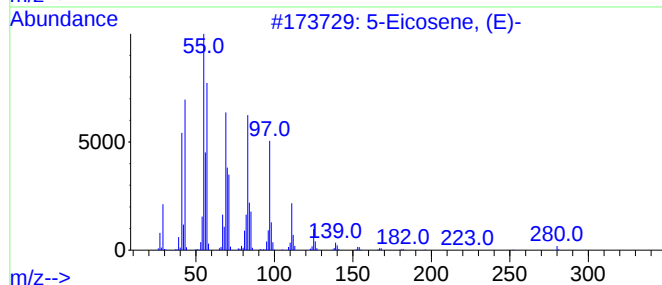
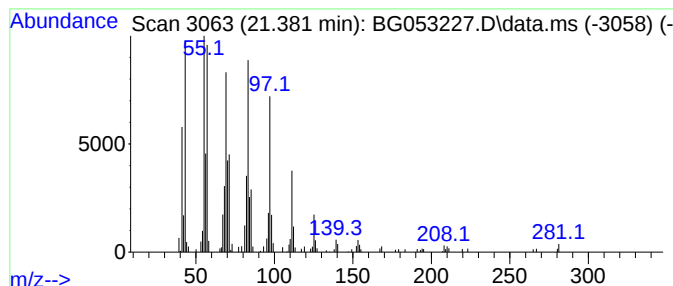
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.381	8.81 ng	258128	Chrysene-d12	21.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.209	3.0	ng	33804	1	8.116	228964	20.0
n-Hexadecanoic ...	18.361	2.6	ng	71948	4	17.480	543501	20.0
5-Eicosene, (E)-	21.381	8.8	ng	258128	5	21.763	586049	20.0