

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042522\
Data File : BG053309.D
Acq On : 25 Apr 2022 15:05
Operator : CG/JU
Sample : N2531-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20220421

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: BG053309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.327	300	330	333	rBV	7563172	41586288	100.00%	85.446%
2	9.269	993	1001	1011	rVB	375601	664139	1.60%	1.365%
3	13.351	1689	1696	1704	rVB	862740	1333488	3.21%	2.740%
4	14.062	1781	1817	1818	rBV3	183978	863849	2.08%	1.775%
5	16.218	2178	2184	2199	rBV	204696	417632	1.00%	0.858%
6	19.614	2752	2762	2773	rVB4	139191	503063	1.21%	1.034%
7	20.078	2835	2841	2848	rVB	1710489	2244255	5.40%	4.611%
8	21.758	3121	3127	3133	rBV	308888	515806	1.24%	1.060%
9	25.053	3679	3688	3703	rVB3	174067	541309	1.30%	1.112%

Sum of corrected areas: 48669829

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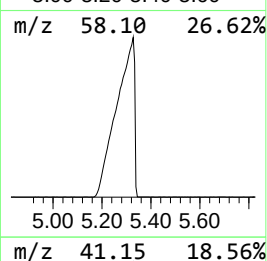
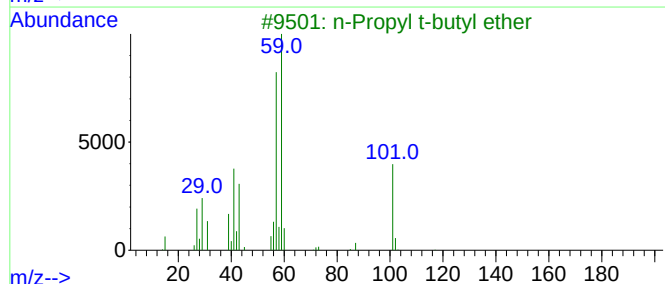
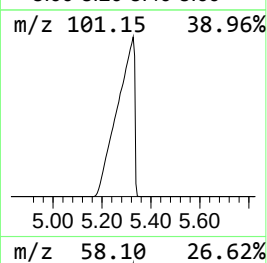
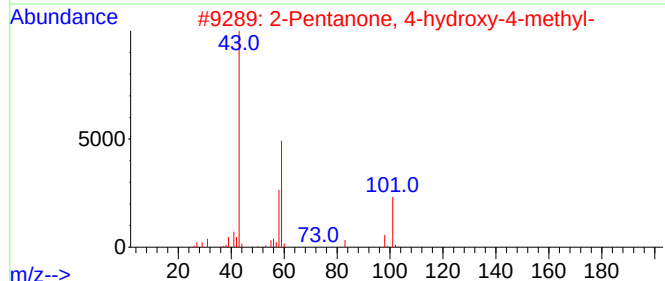
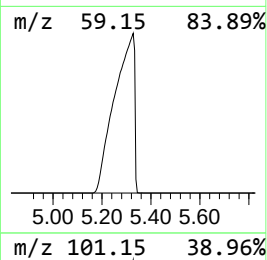
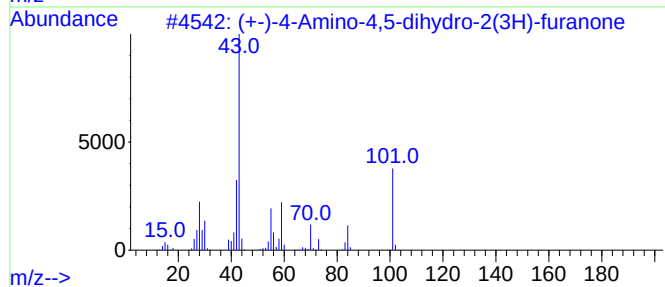
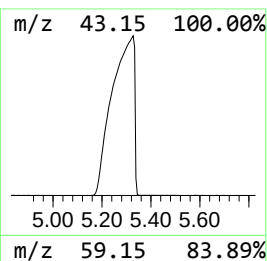
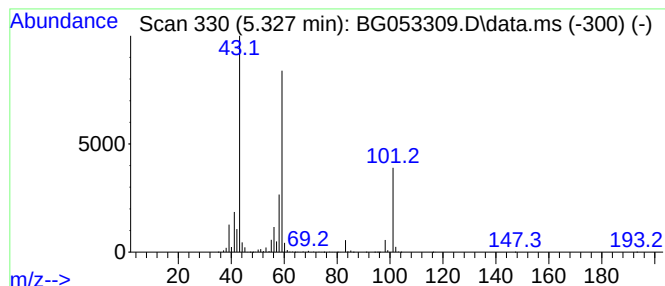
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.327 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.327	1252.34 ng	41586300	1,4-Dichlorobenzene-d4	8.106

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	38		
4	Propane, 2-methoxy-	74	C4H10O	000598-53-8	32		
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32		



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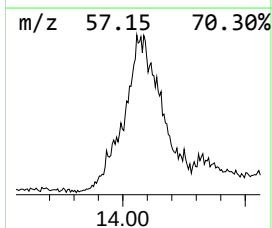
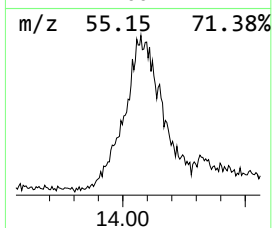
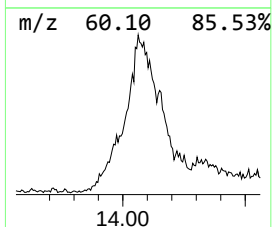
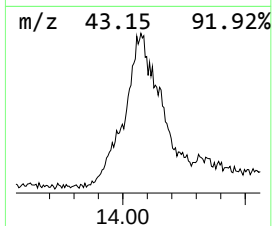
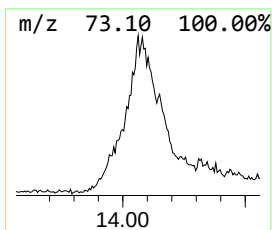
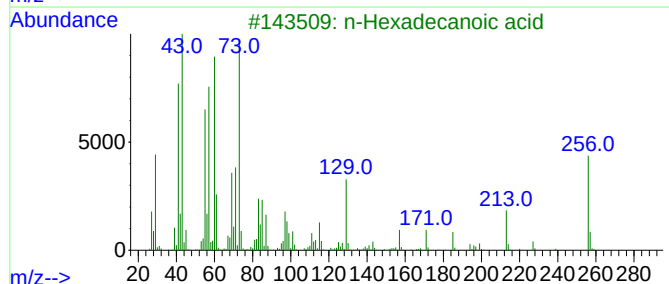
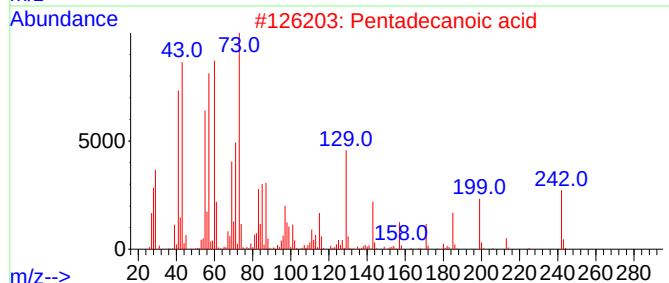
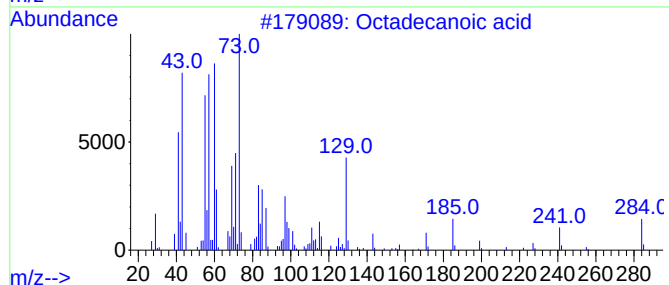
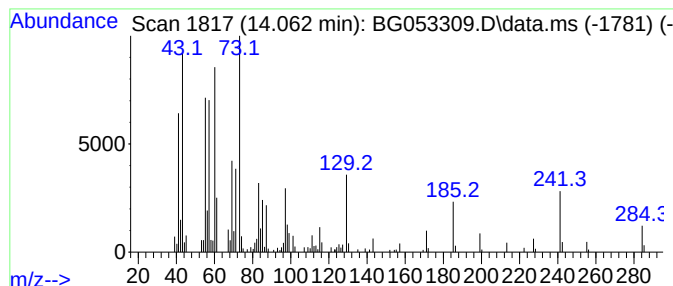
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	20.00 ng	863849	Acenaphthene-d10	14.732

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



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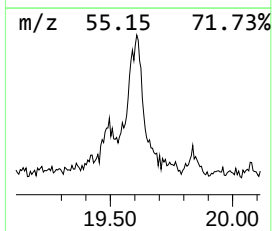
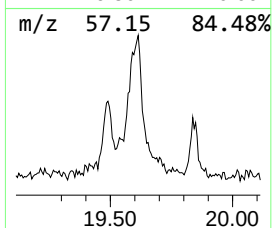
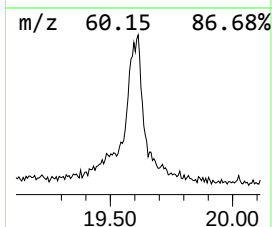
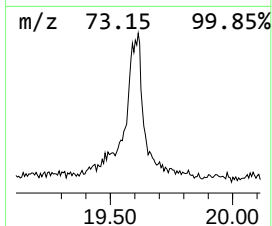
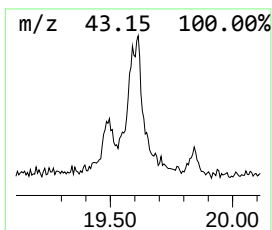
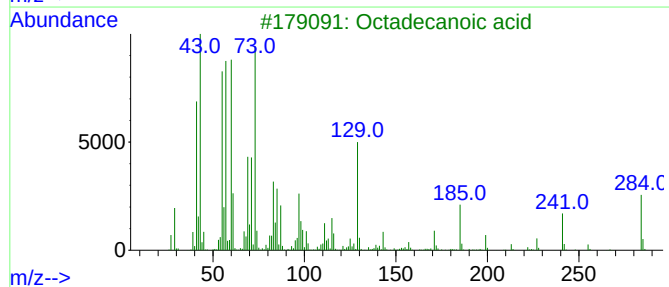
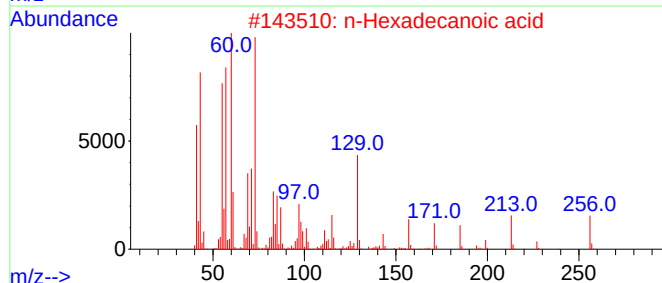
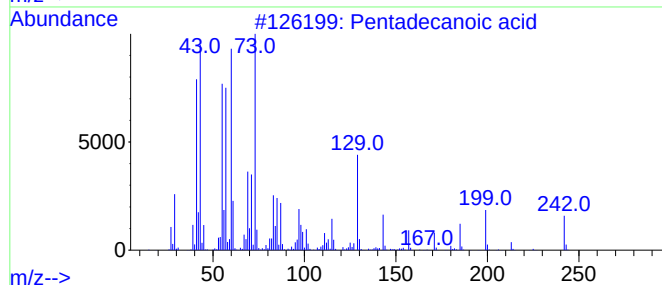
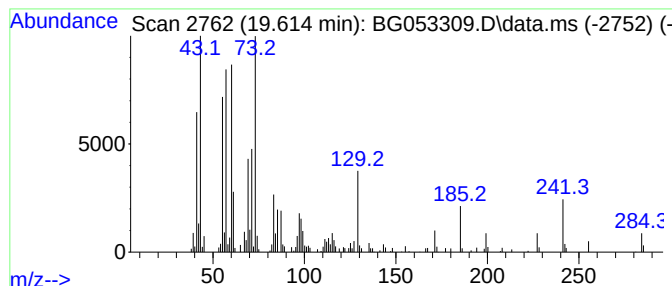
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Peak Number 3 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.614	24.09 ng	503063	Phenanthrene-d10		17.475	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	68
3	Octadecanoic acid		284	C18H36O2	000057-11-4	64
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	59
5	Dodecanoic acid		200	C12H24O2	000143-07-7	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.327	5.327	1252.3	ng	41586300	1	8.106	664139	20.0
Octadecanoic acid	14.062	20.0	ng	863849	3	14.732	863849	20.0
Pentadecanoic acid	19.614	24.1	ng	503063	4	17.475	417632	20.0