

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060066.D
 Acq On : 18 Dec 2023 14:50
 Operator : MA/JU
 Sample : 05827-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-DUP01-121223

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-BG121323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060066.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.141	4	9	17	rVB	220293	359051	4.07%	1.121%
2	5.526	408	415	424	rBV	1303685	2020997	22.93%	6.311%
3	7.118	677	686	694	rBV	1419472	2423120	27.50%	7.566%
4	7.953	821	828	836	rBV	237764	402418	4.57%	1.257%
5	9.116	1018	1026	1033	rBV	839082	1463866	16.61%	4.571%
6	10.761	1299	1306	1313	rVB	342538	588214	6.67%	1.837%
7	13.217	1716	1724	1732	rVB	3034916	4599011	52.19%	14.361%
8	14.592	1949	1958	1967	rBV	637089	1008051	11.44%	3.148%
9	15.849	2159	2172	2178	rBV9	46344	154546	1.75%	0.483%
10	16.084	2205	2212	2223	rVB	3267351	4737770	53.76%	14.794%
11	17.342	2420	2426	2434	rBV	924457	1398581	15.87%	4.367%
12	18.235	2573	2578	2586	rBV2	496203	673941	7.65%	2.104%
13	19.510	2791	2795	2799	rBV	287865	351687	3.99%	1.098%
14	19.968	2867	2873	2880	rVB	6848696	8812328	100.00%	27.517%
15	21.619	3149	3154	3161	rVB	976756	1604683	18.21%	5.011%
16	24.809	3692	3697	3706	rVB3	548160	1426612	16.19%	4.455%

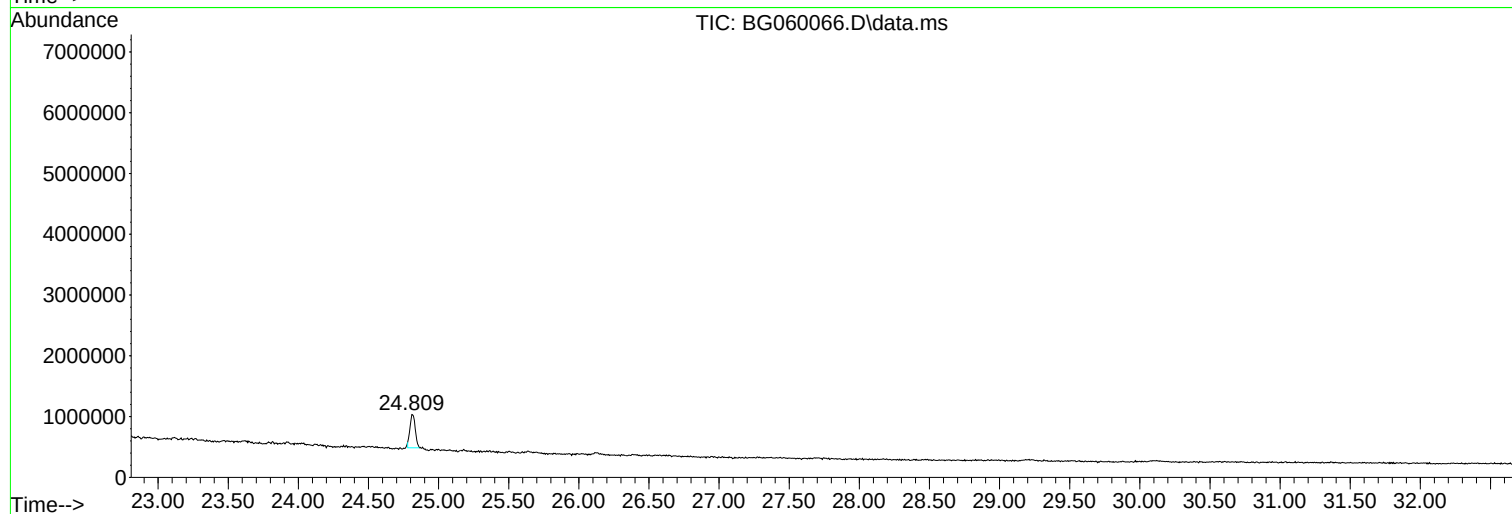
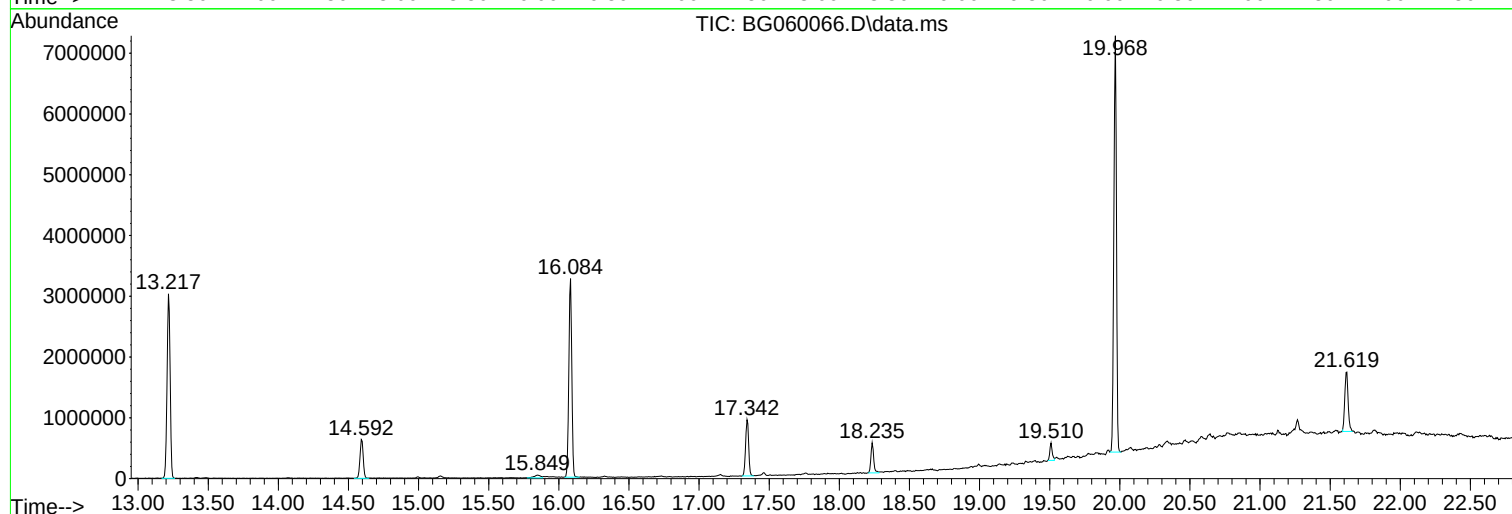
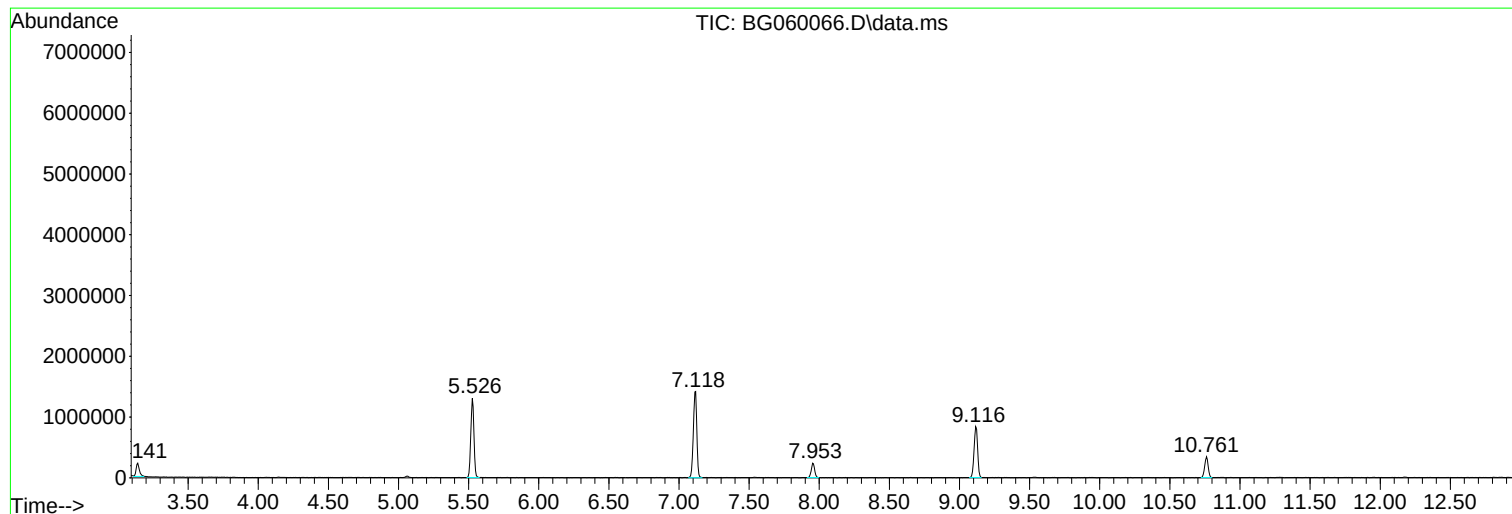
Sum of corrected areas: 32024876

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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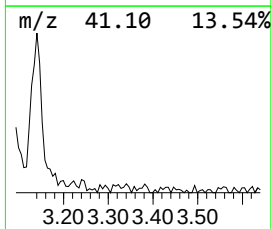
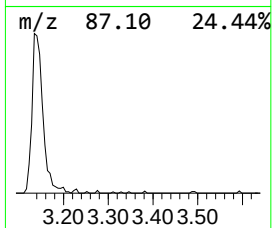
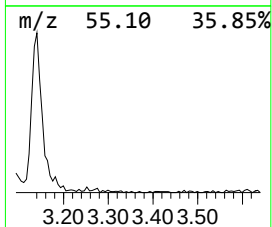
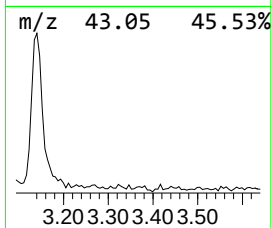
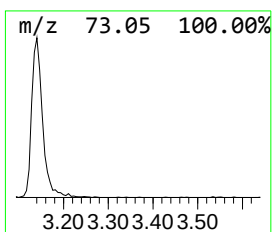
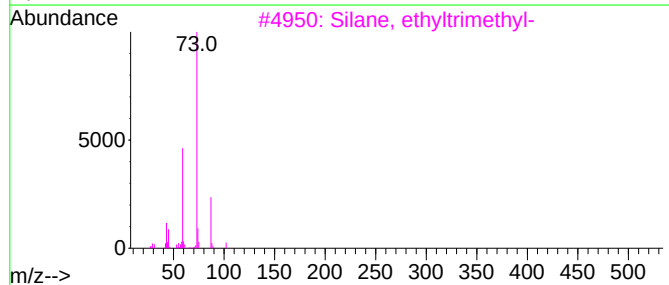
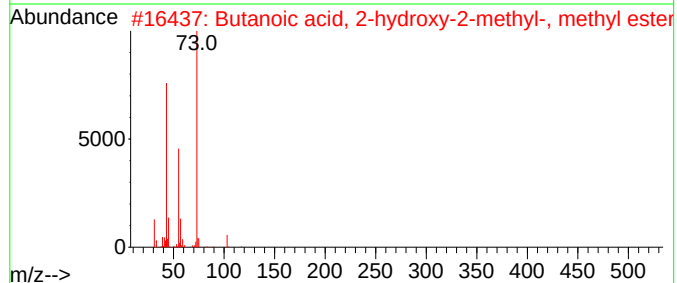
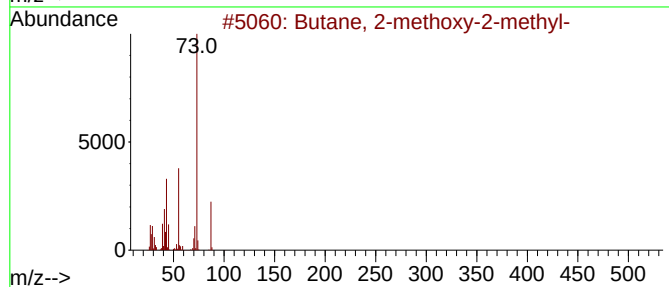
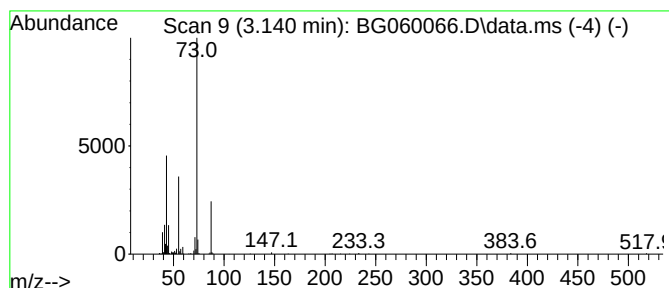
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.140 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	17.84 ng	359051	1,4-Dichlorobenzene-d4	7.958

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2			Butanoic acid, 2-hydroxy-2-methyl-	132	C6H12O3	032793-34-3	38
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	38
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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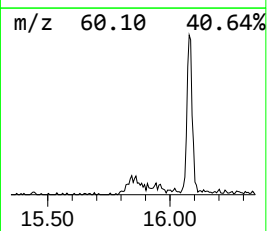
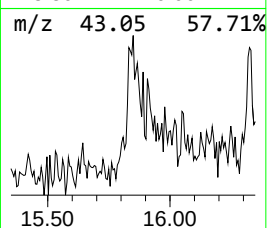
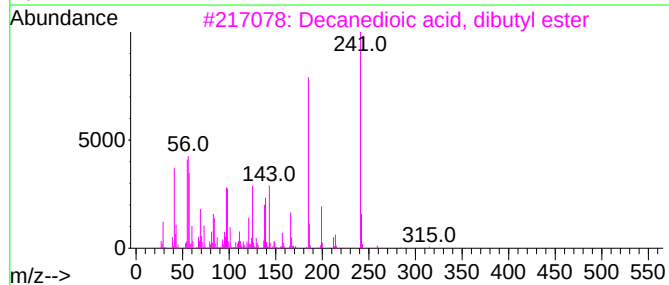
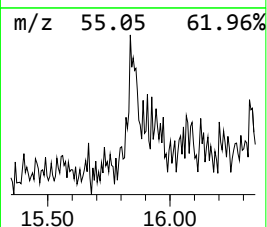
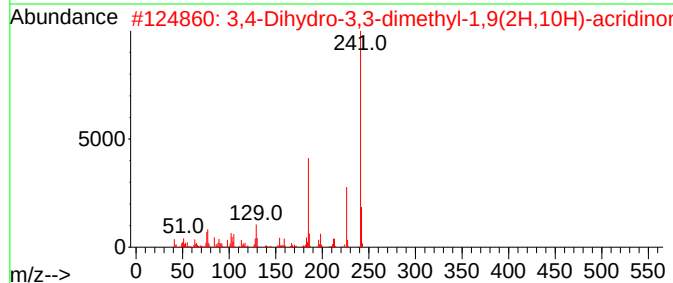
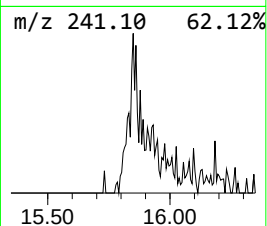
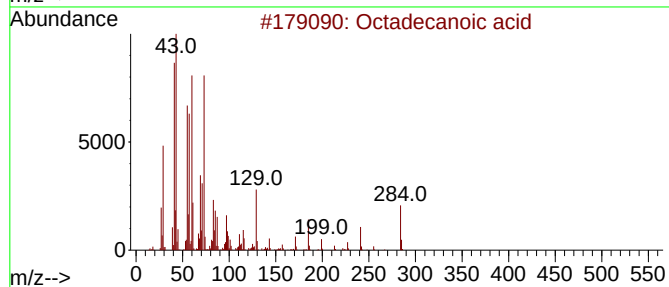
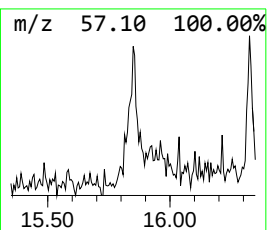
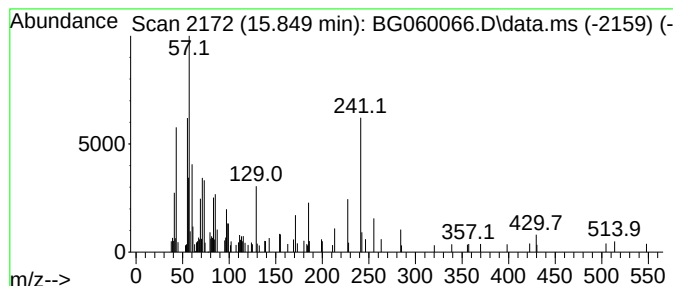
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown15.849 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.849	3.07 ng	154546	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	30
2			3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	25
3			Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	22
4			4-(2-methylpropyl)amino-N-(2-met...	284	C14H24N2O2S	1000395-70-5	14
5			Quinolin-2-ol, 7-methyl-3-(5-met...	241	C13H11N3O2	1000317-00-6	10



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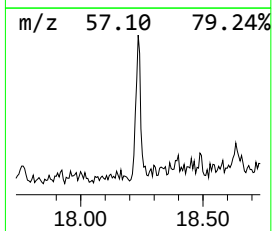
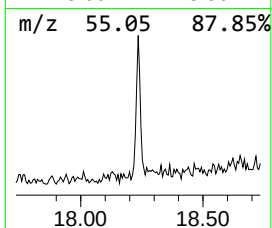
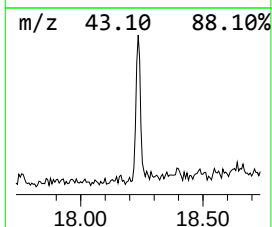
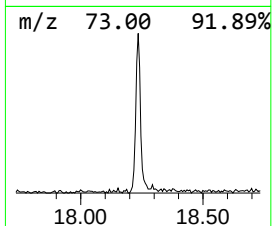
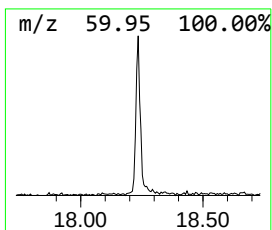
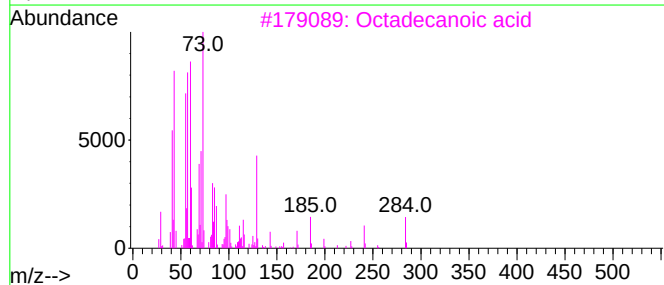
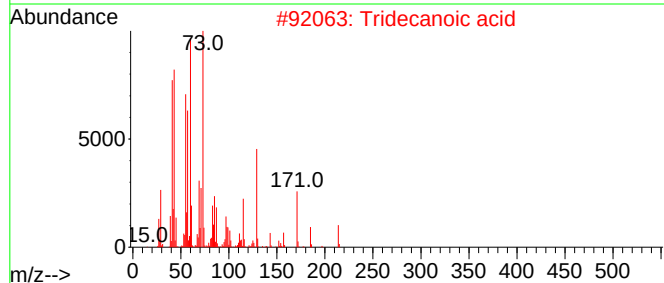
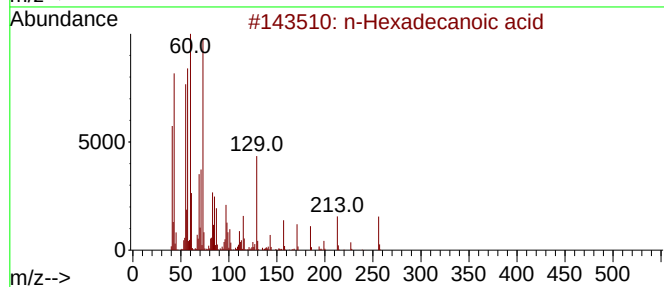
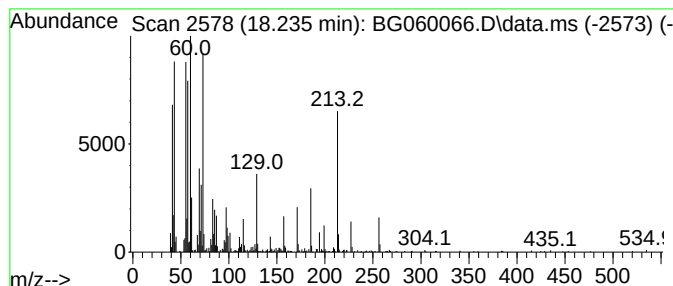
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.235	9.64 ng	673941	Phenanthrene-d10		17.342	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	89
3	Octadecanoic acid		284	C18H36O2	000057-11-4	55
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	52
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	50



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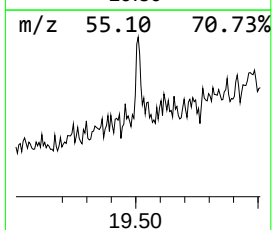
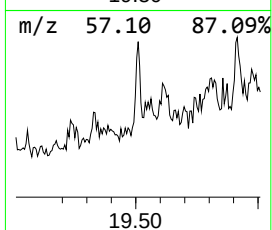
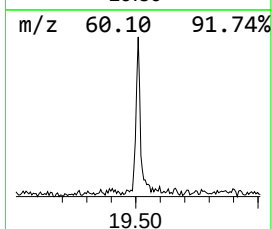
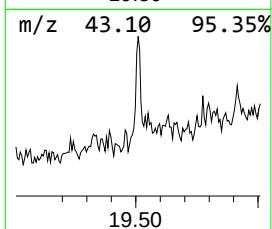
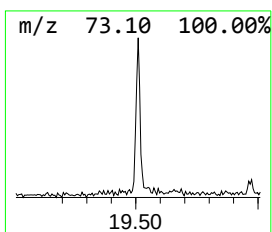
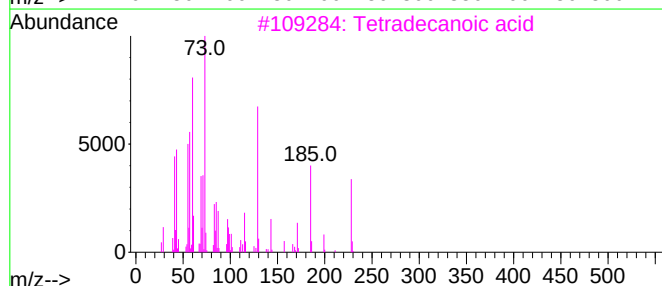
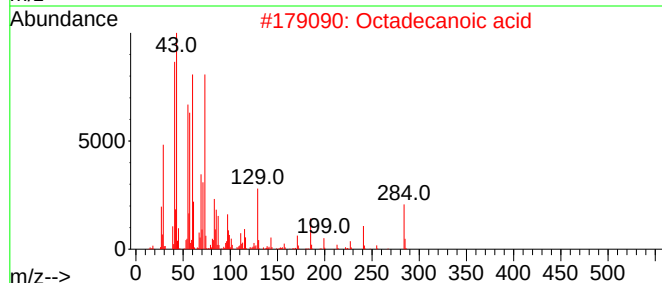
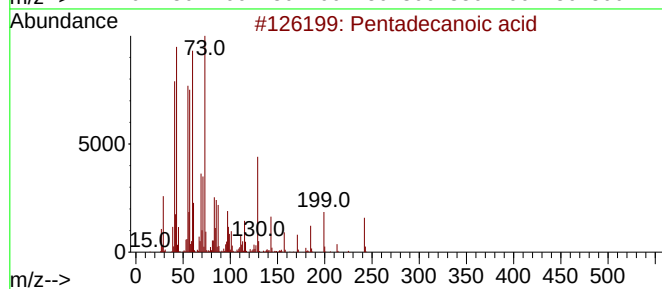
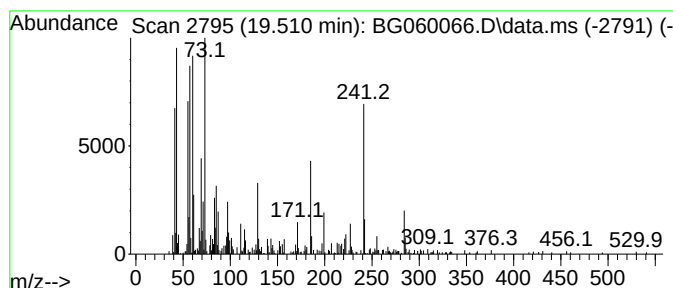
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Peak Number 4 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.510	4.38 ng	351687	Chrysene-d12	21.613

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2			Octadecanoic acid	284	C18H36O2	000057-11-4	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	46
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5			Undecanoic acid	186	C11H22O2	000112-37-8	41



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown15.849	15.849	3.1	ng	154546	3	14.592	1008050	20.0
n-Hexadecanoic ...	18.235	9.6	ng	673941	4	17.342	1398580	20.0
Pentadecanoic acid	19.510	4.4	ng	351687	5	21.613	1604680	20.0