

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053665.D
 Acq On : 23 May 2022 15:30
 Operator : CG/JU
 Sample : N2968-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

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: BG053665.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.629	375	381	394	rBV	280902	477211	16.37%	3.959%
2	7.226	646	653	666	rBV	205697	385779	13.24%	3.200%
3	8.055	786	794	802	rBV	117342	208336	7.15%	1.728%
4	9.224	986	993	1004	rVB	447700	857091	29.41%	7.110%
5	9.694	1068	1073	1079	rVB2	34015	55750	1.91%	0.462%
6	10.628	1225	1232	1244	rBV	126567	241894	8.30%	2.007%
7	10.869	1260	1273	1279	rBV	162623	343955	11.80%	2.853%
8	11.779	1420	1428	1438	rBV2	17008	30642	1.05%	0.254%
9	13.312	1681	1689	1696	rBV	1247527	1994054	68.42%	16.542%
10	14.687	1916	1923	1931	rBV	292533	458509	15.73%	3.804%
11	16.179	2170	2177	2184	rBV	1050308	1603868	55.03%	13.305%
12	17.436	2384	2391	2398	rBV	371906	576064	19.77%	4.779%
13	18.317	2536	2541	2558	rBV2	147642	293082	10.06%	2.431%
14	19.251	2696	2700	2704	rVB	56687	68962	2.37%	0.572%
15	19.586	2753	2757	2769	rBV2	125620	232429	7.98%	1.928%
16	20.039	2828	2834	2840	rBV	2211796	2914411	100.00%	24.176%
17	21.337	3051	3055	3059	rBV4	31951	53214	1.83%	0.441%
18	21.713	3113	3119	3128	rVB	348785	606558	20.81%	5.032%
19	24.004	3505	3509	3515	rVB6	14622	31486	1.08%	0.261%
20	24.973	3664	3674	3687	rVB	214359	621445	21.32%	5.155%

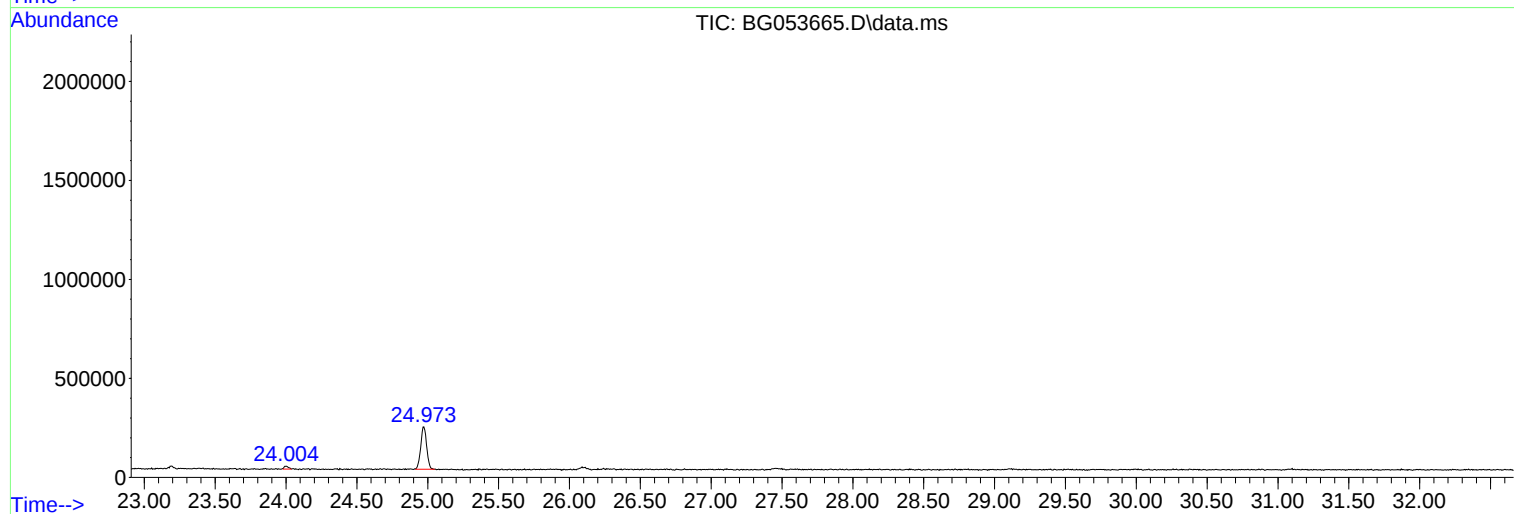
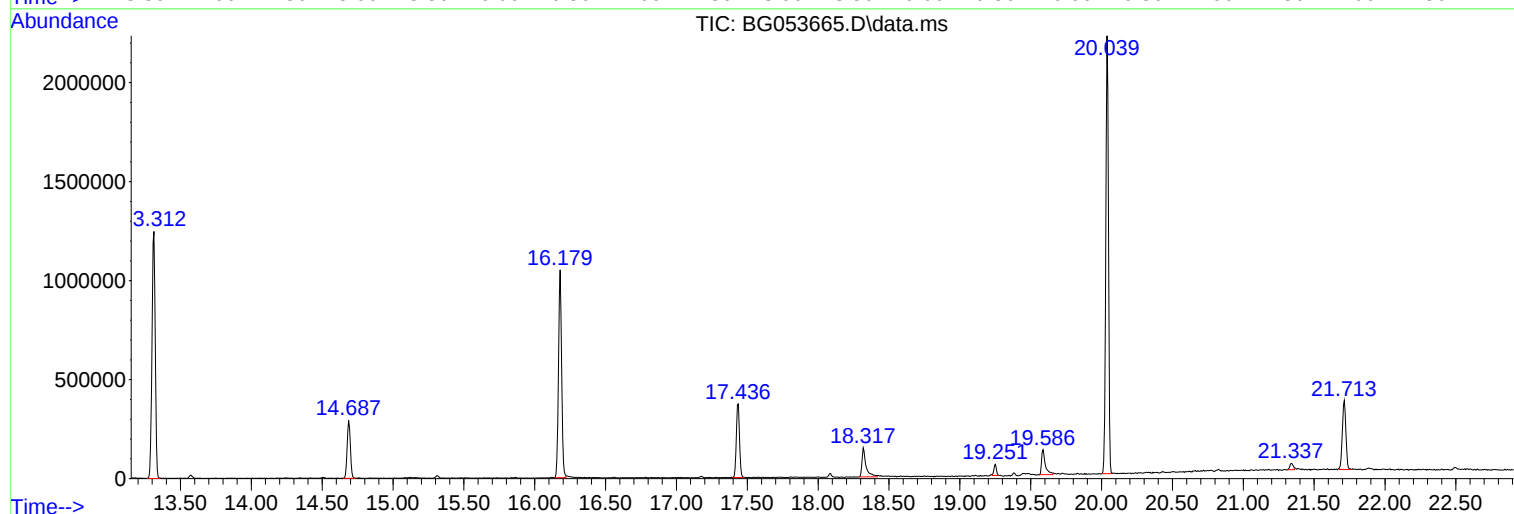
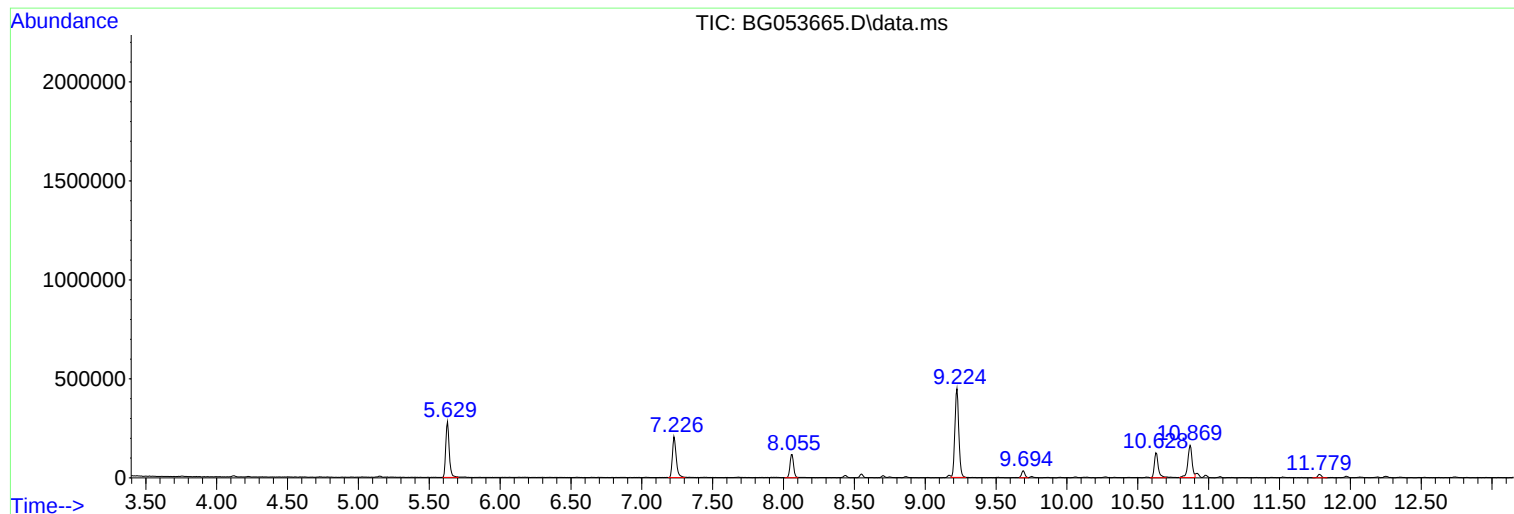
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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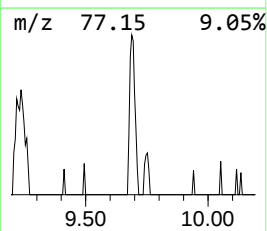
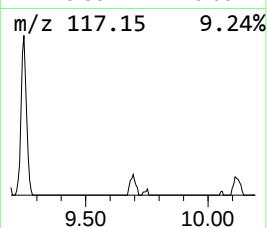
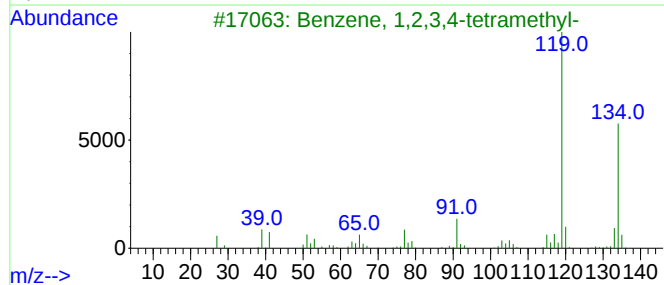
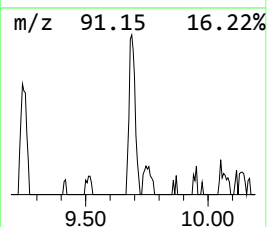
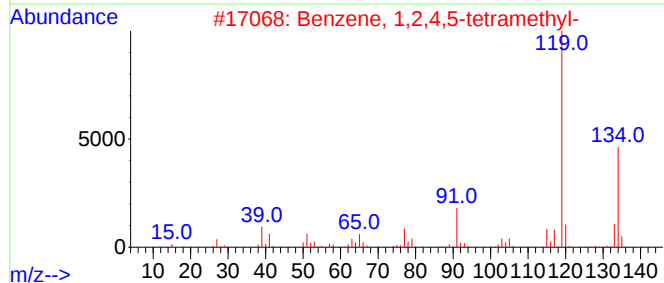
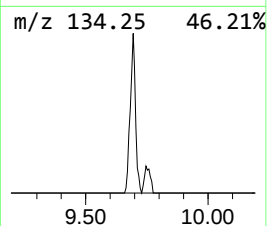
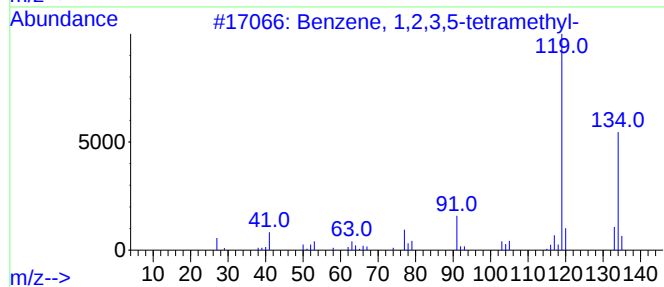
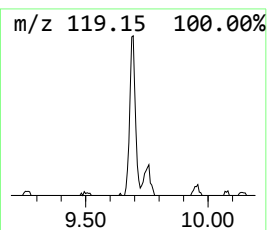
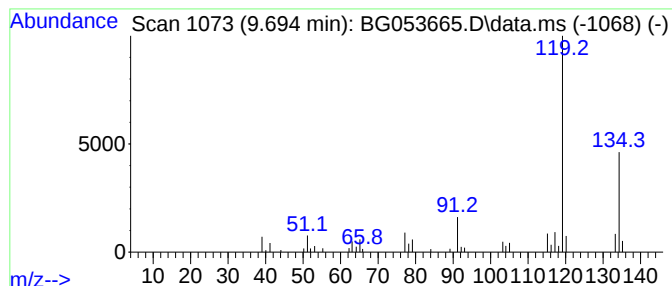
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.694	3.24 ng	55750	Naphthalene-d8	10.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			p-Cymene	134	C10H14	000099-87-6	91



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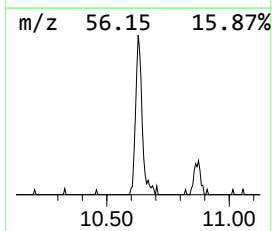
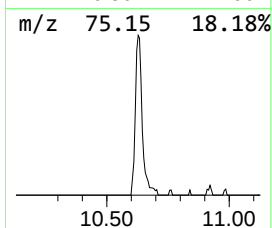
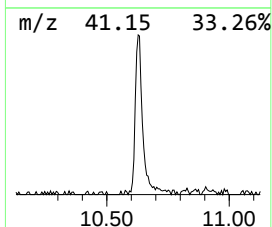
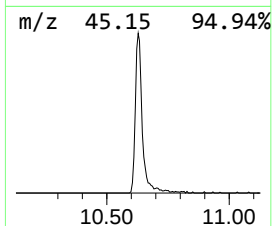
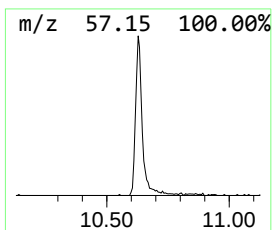
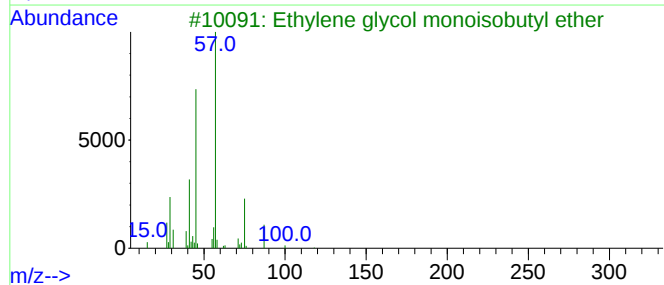
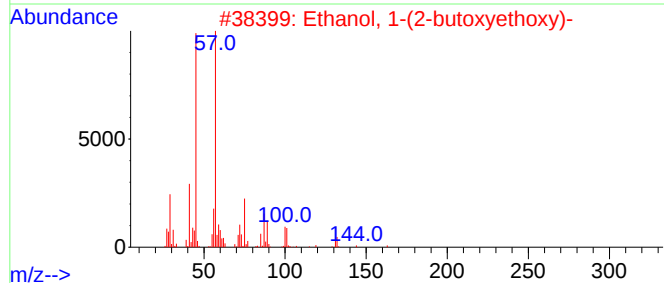
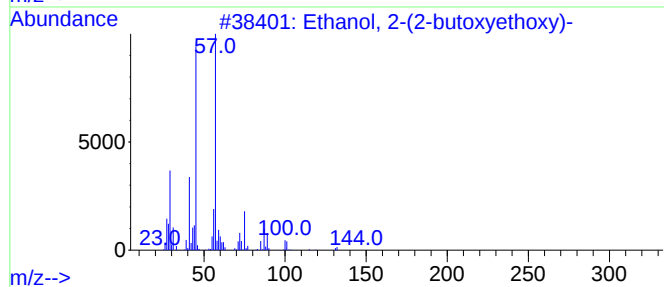
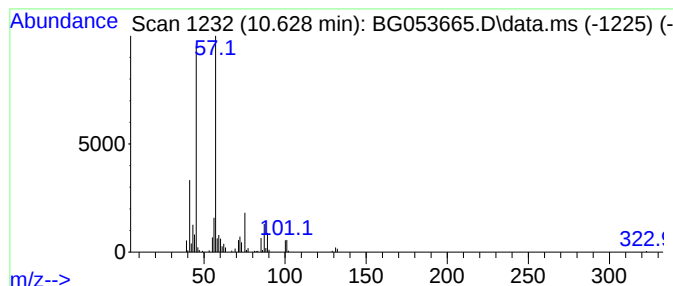
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	14.07 ng	241894	Naphthalene-d8	10.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53



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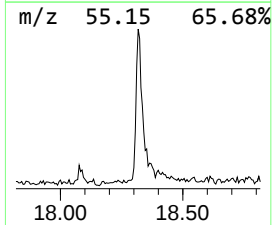
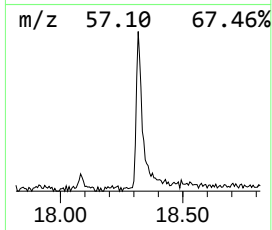
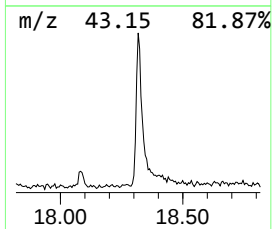
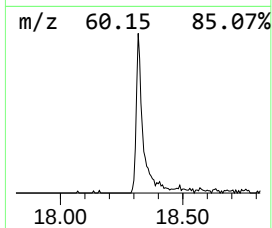
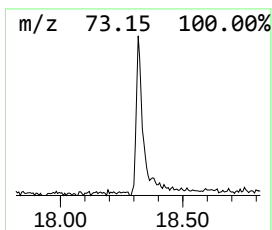
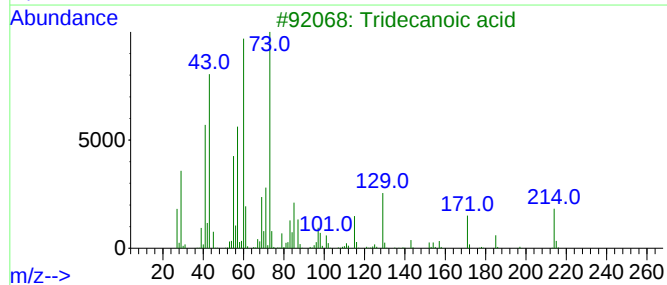
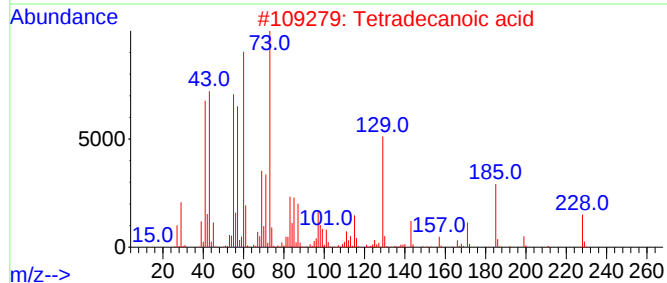
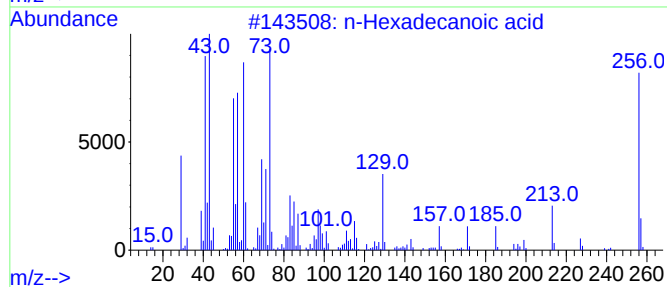
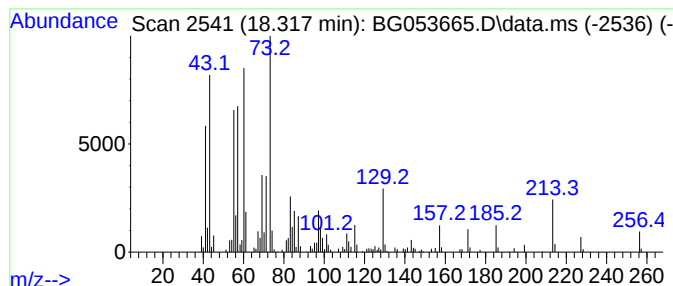
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	10.18 ng	293082	Phenanthrene-d10	17.436

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			Nonanoic acid	158	C9H18O2	000112-05-0	55



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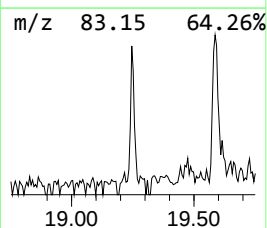
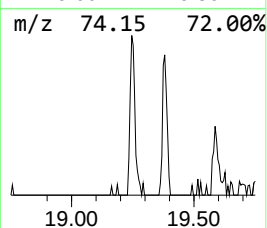
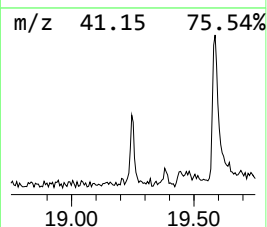
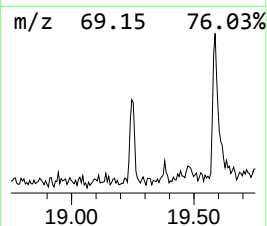
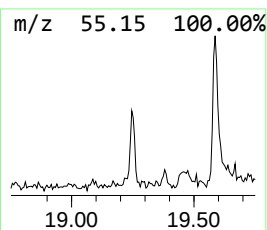
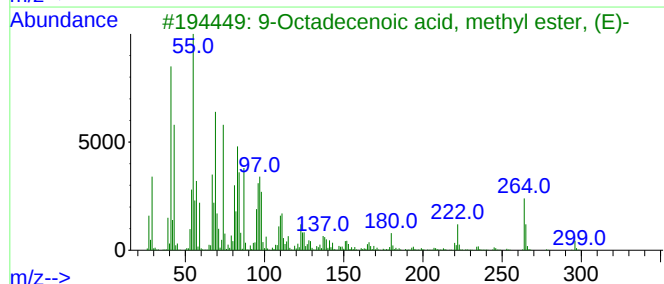
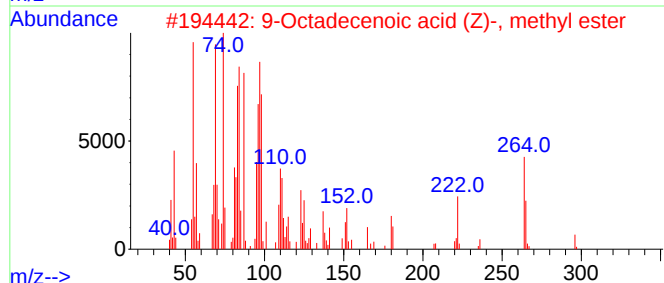
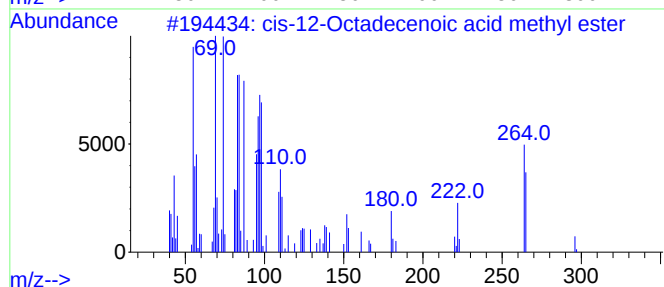
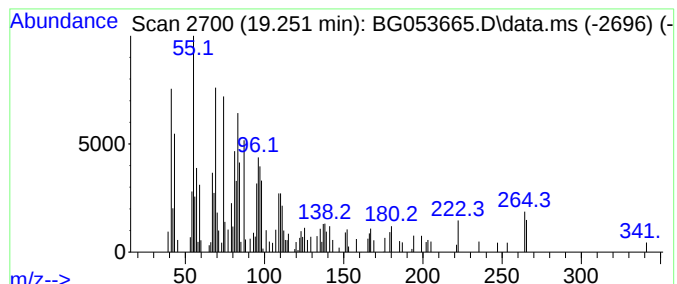
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Peak Number 4 cis-12-Octadecenoic acid me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.251	2.39 ng	68962	Phenanthrene-d10	17.436

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-12-Octadecenoic acid methyl ...	296	C19H36O2	1000427-68-4	87
2			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	86
3			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	76
4			8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	76
5			8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	76



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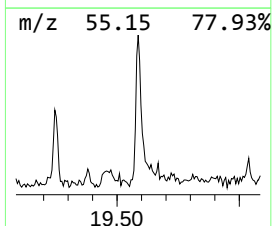
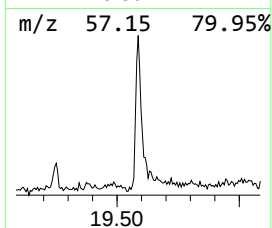
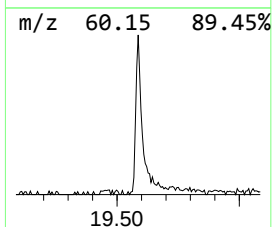
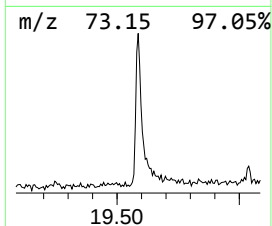
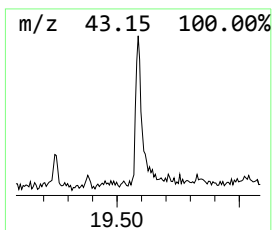
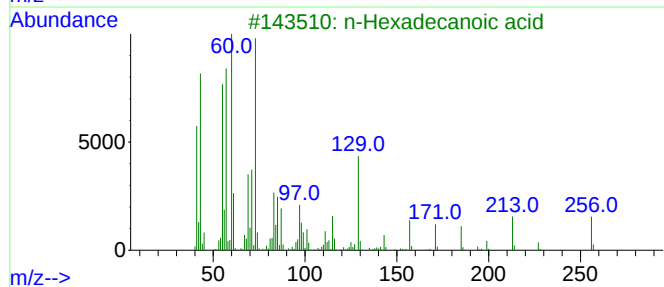
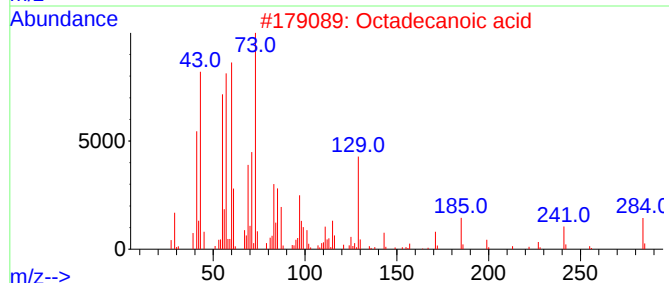
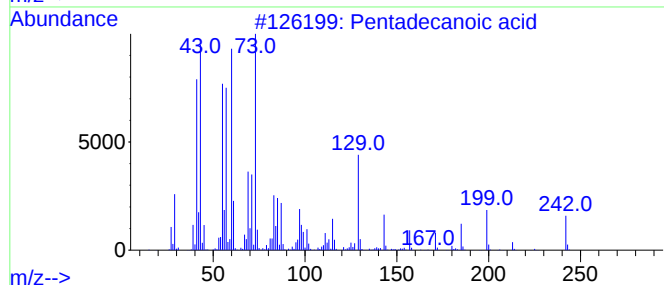
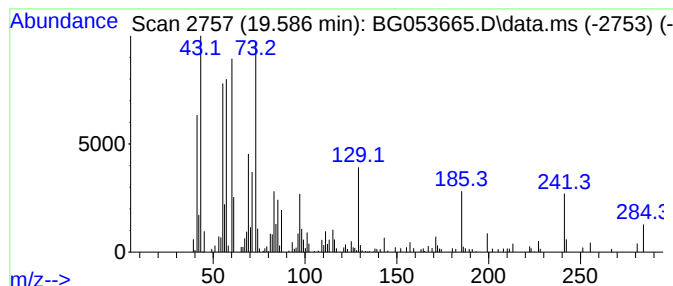
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Peak Number 5 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.586	7.66 ng	232429	Chrysene-d12	21.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	94
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Tridecanoic acid	214	C13H26O2	000638-53-9	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3,...	9.694	3.2	ng	55750	2	10.869	343955	20.0
Ethanol, 2-(2-b...	10.628	14.1	ng	241894	2	10.869	343955	20.0
n-Hexadecanoic ...	18.317	10.2	ng	293082	4	17.436	576064	20.0
cis-12-Octadece...	19.251	2.4	ng	68962	4	17.436	576064	20.0
Pentadecanoic acid	19.586	7.7	ng	232429	5	21.713	606558	20.0