

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035331.D
 Acq On : 31 May 2022 18:30
 Operator : CG/JU
 Sample : N2952-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P037-SS001-1218-01

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_M\Methods\8270-BM052722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035331.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.451	394	402	414	rBV	1835722	2660533	37.87%	7.909%
2	7.045	666	673	689	rBV	1733481	2832795	40.32%	8.421%
3	7.863	805	812	820	rBV	423380	678375	9.66%	2.017%
4	9.028	1000	1010	1019	rBV	1121125	1829051	26.03%	5.437%
5	10.663	1280	1288	1300	rBV	524718	908377	12.93%	2.700%
6	12.439	1567	1590	1618	rVB	212477	1273223	18.12%	3.785%
7	13.127	1701	1707	1716	rBV	2994032	4527897	64.45%	13.460%
8	14.504	1933	1941	1949	rBV	866746	1239904	17.65%	3.686%
9	14.933	2004	2014	2023	rBV2	112472	207399	2.95%	0.617%
10	15.998	2188	2195	2209	rBV	2481846	3668540	52.21%	10.906%
11	16.657	2303	2307	2313	rBV	60967	89319	1.27%	0.266%
12	17.251	2402	2408	2414	rBV	1058267	1453654	20.69%	4.321%
13	17.680	2477	2481	2486	rBV	80257	99873	1.42%	0.297%
14	17.756	2487	2494	2503	rVB2	52204	141821	2.02%	0.422%
15	18.151	2557	2561	2570	rBV	437021	598044	8.51%	1.778%
16	19.433	2774	2779	2792	rBV	245383	374758	5.33%	1.114%
17	19.874	2849	2854	2860	rBV	5709453	7025923	100.00%	20.886%
18	21.144	3067	3070	3075	rVB2	287363	350605	4.99%	1.042%
19	21.433	3114	3119	3130	rBV	1382350	1921005	27.34%	5.711%
20	23.797	3515	3521	3529	rBV2	895072	1757653	25.02%	5.225%

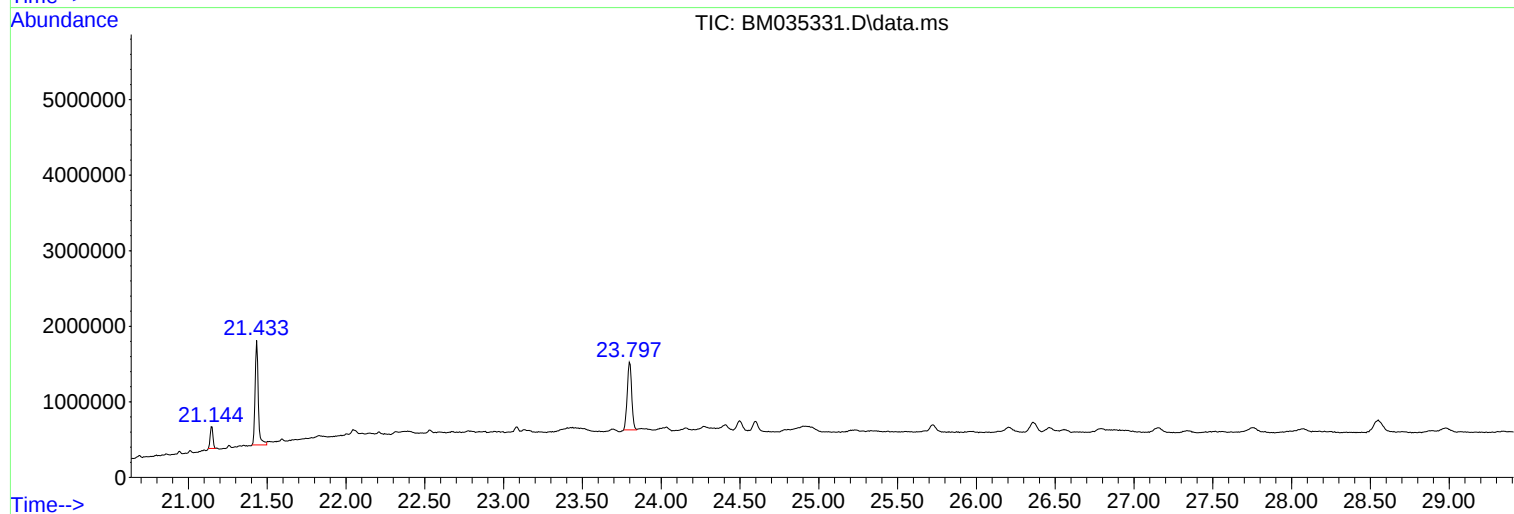
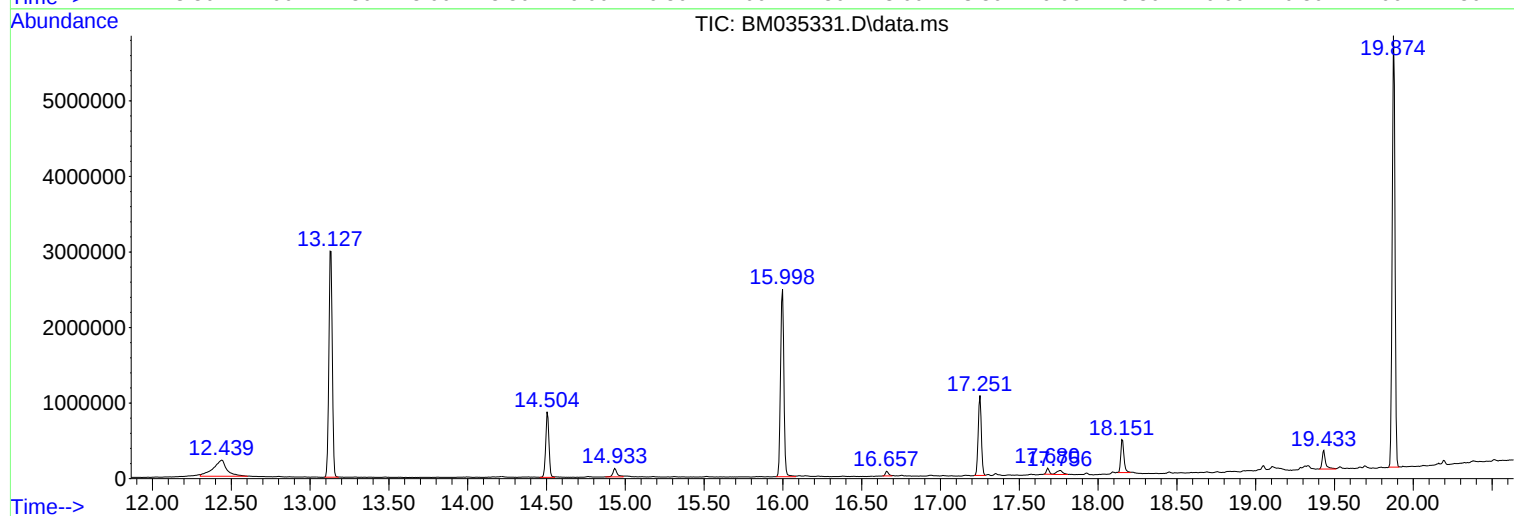
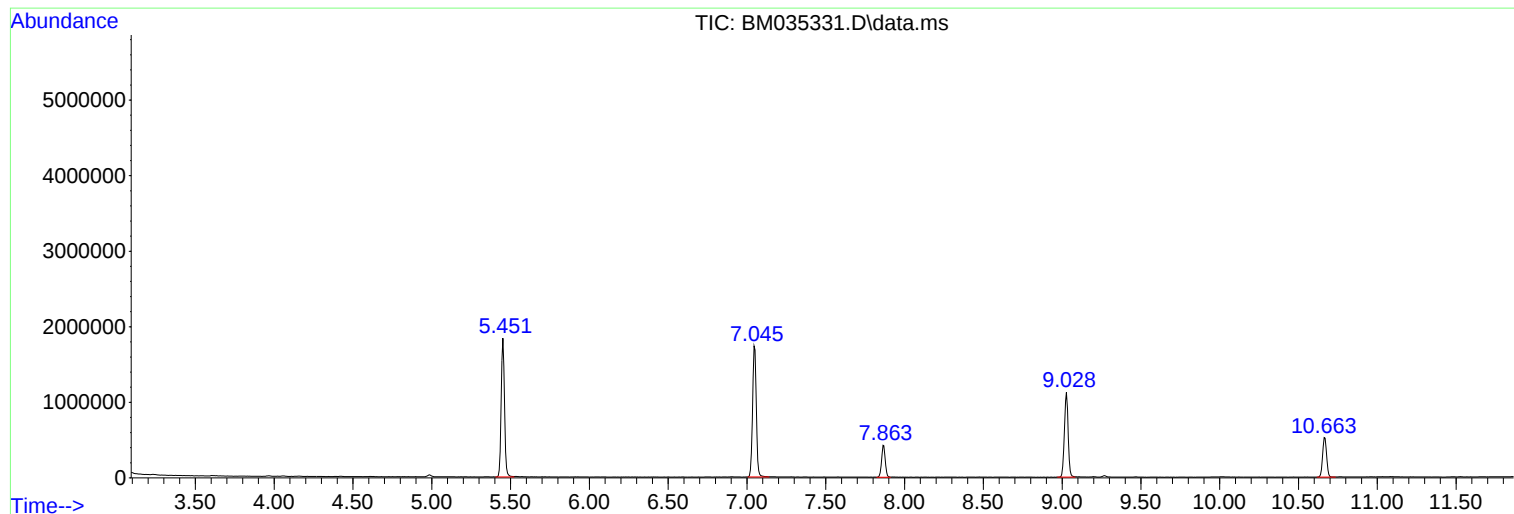
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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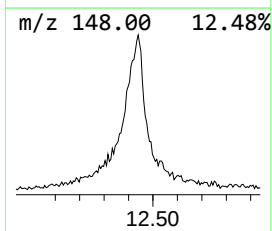
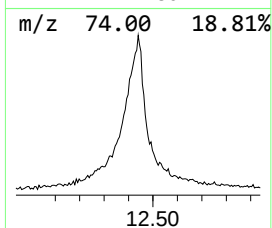
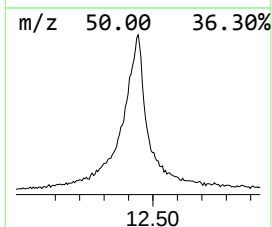
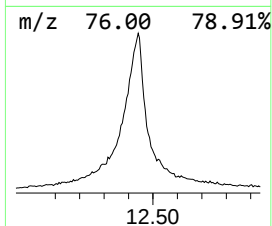
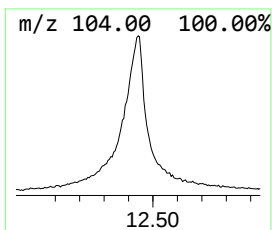
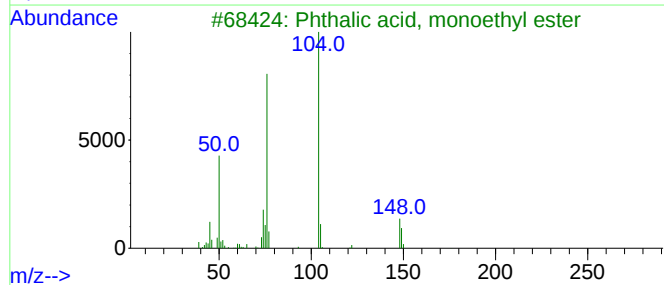
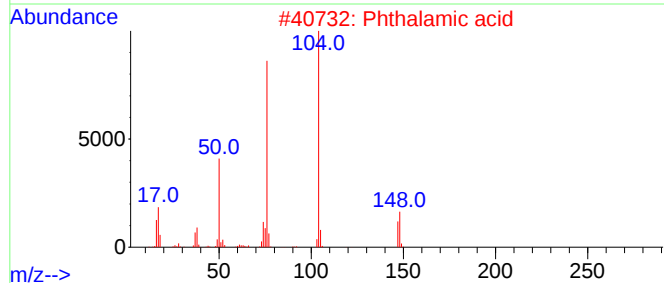
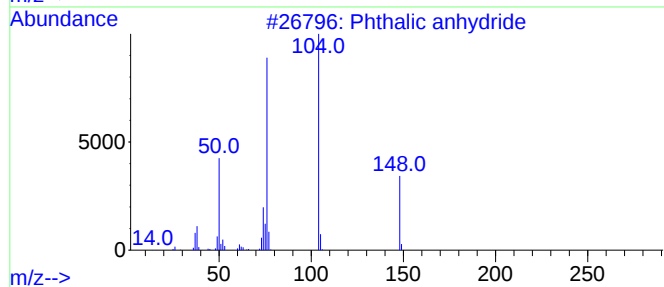
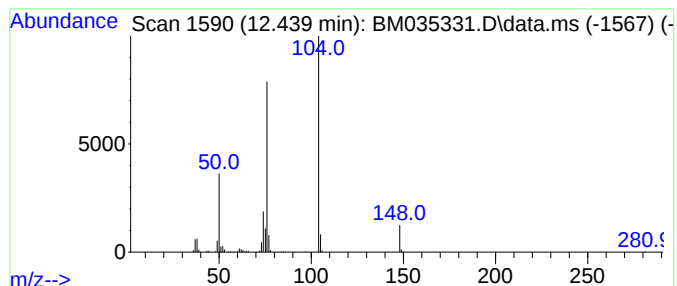
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phthalic anhydride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	28.03 ng	1273220	Naphthalene-d8	10.663

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic anhydride	148	C8H4O3	000085-44-9	94
2			Phthalamic acid	165	C8H7NO3	000088-97-1	90
3			Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
4			1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
5			1H-Isoindole-1,3(2H)-dione, 2-(h...	177	C9H7NO3	000118-29-6	78



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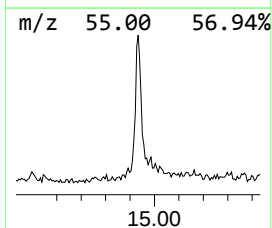
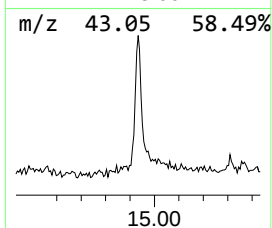
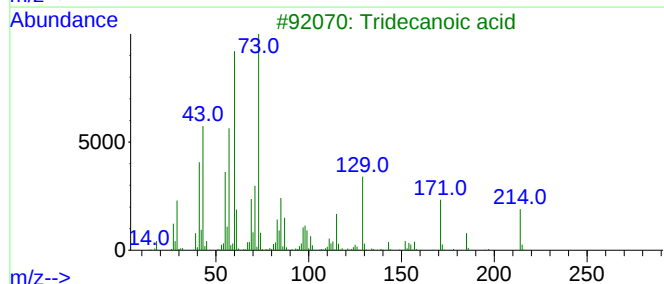
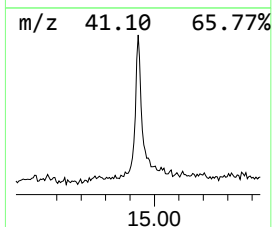
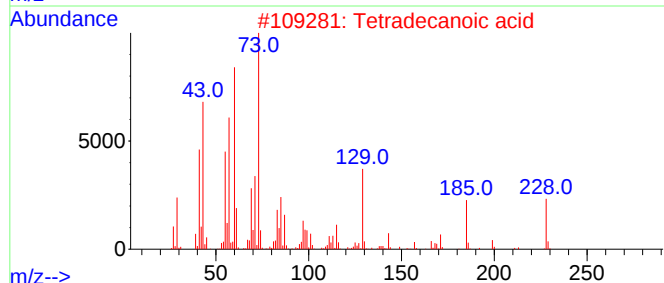
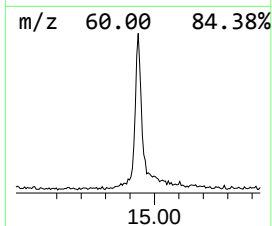
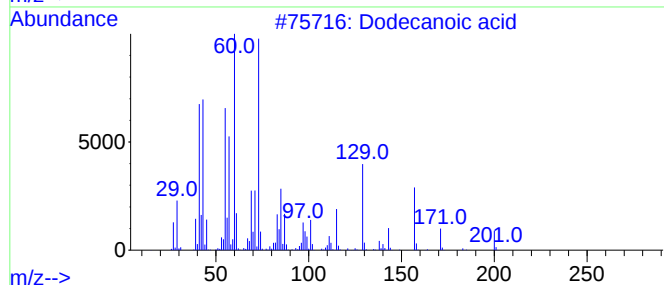
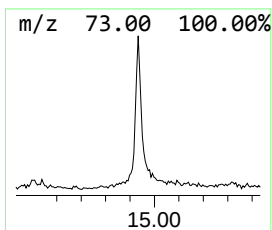
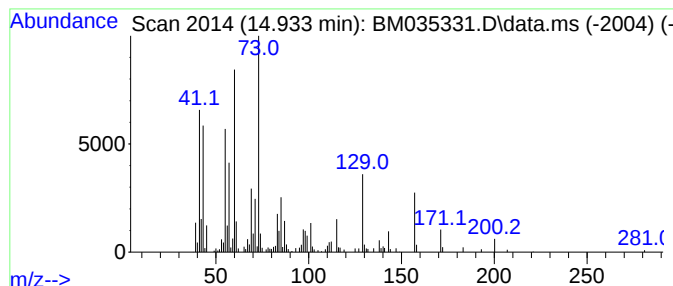
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	3.35 ng	207399	Acenaphthene-d10	14.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3			Tridecanoic acid	214	C13H26O2	000638-53-9	68
4			n-Decanoic acid	172	C10H20O2	000334-48-5	60
5			Nonanoic acid	158	C9H18O2	000112-05-0	46



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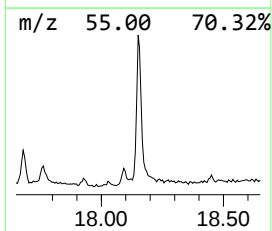
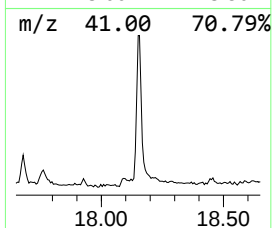
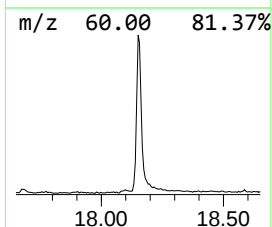
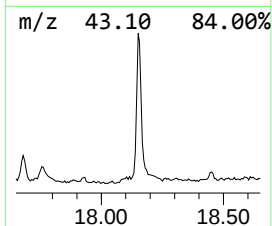
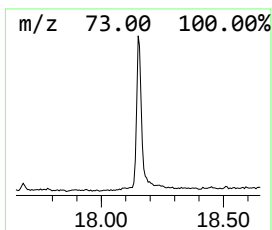
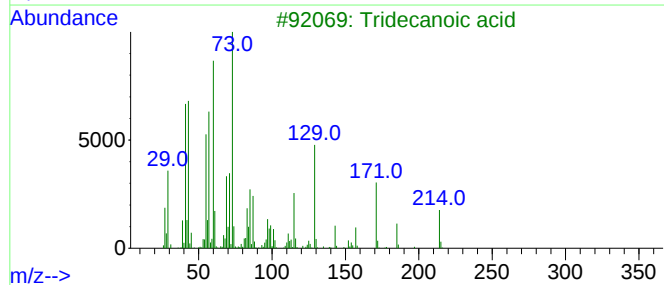
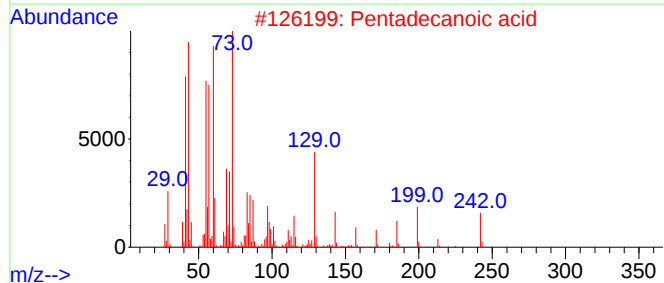
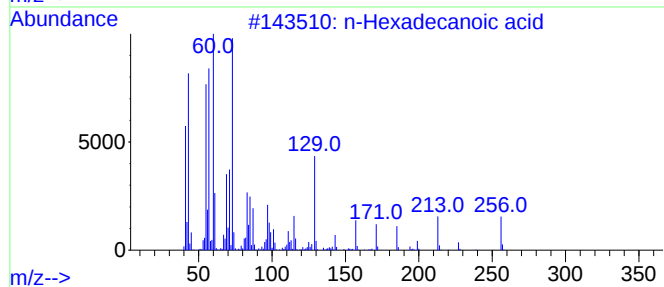
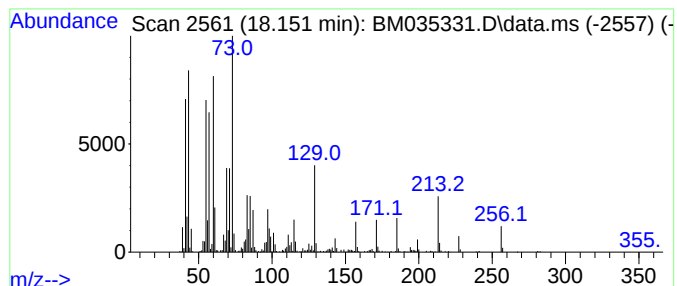
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	8.23 ng	598044	Phenanthrene-d10	17.251

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	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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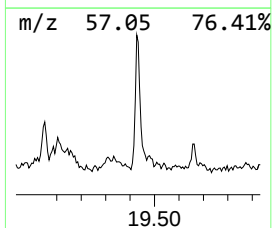
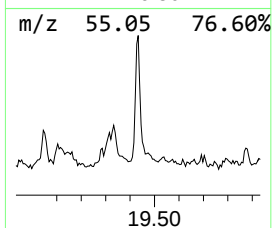
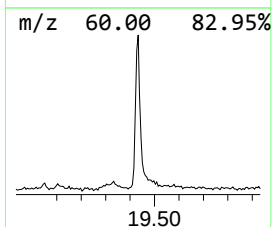
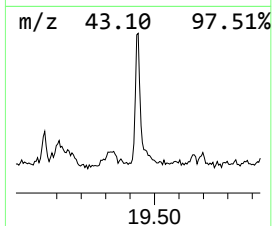
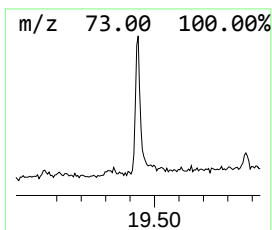
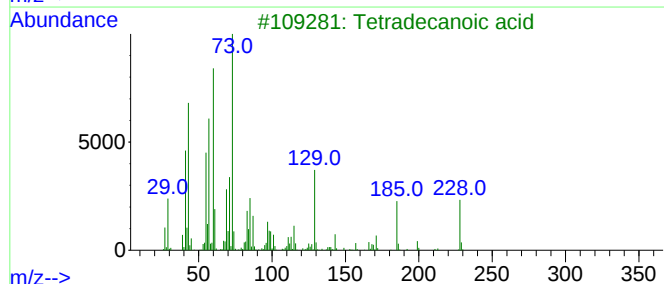
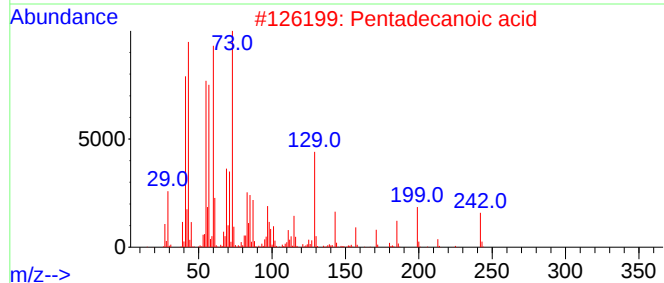
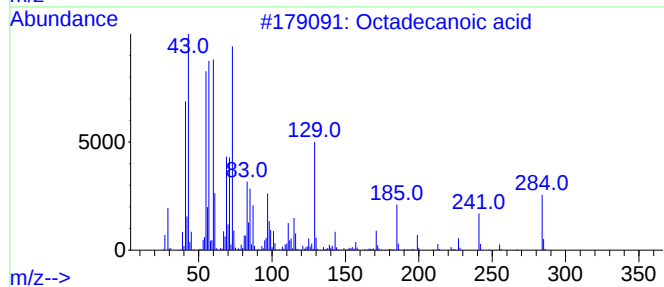
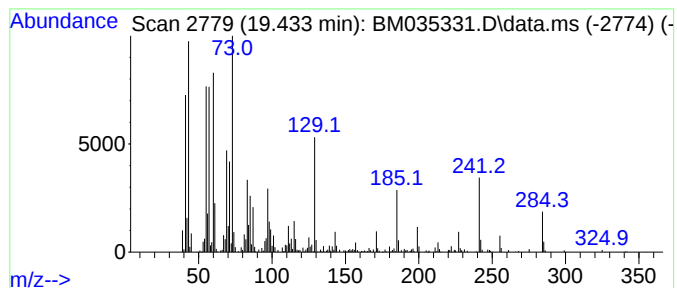
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	3.90 ng	374758	Chrysene-d12	21.433

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			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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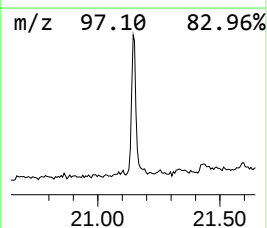
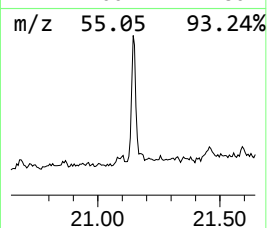
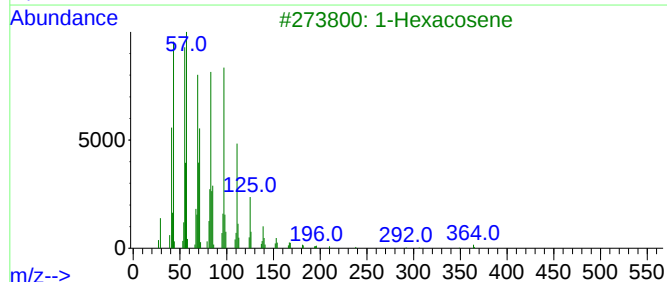
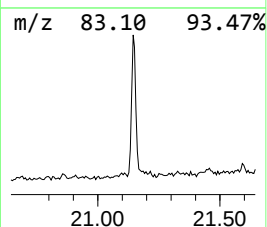
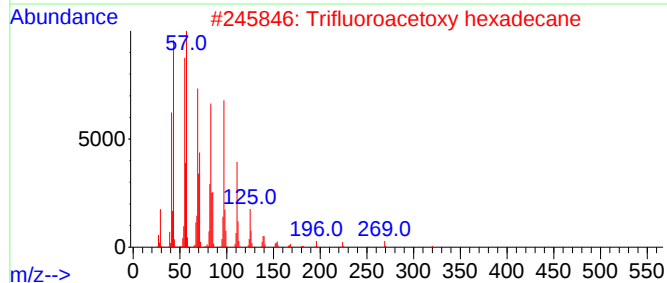
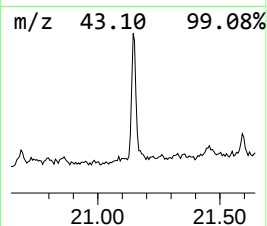
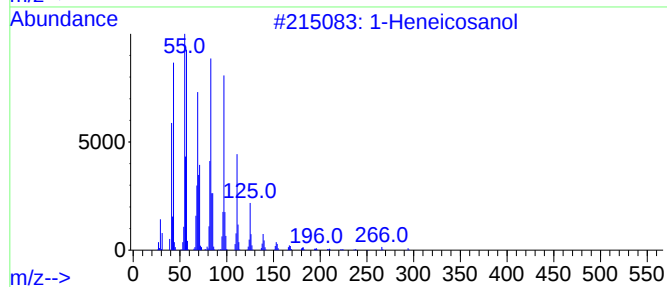
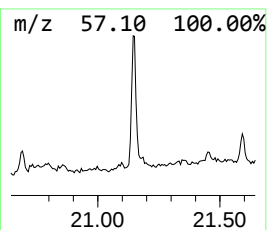
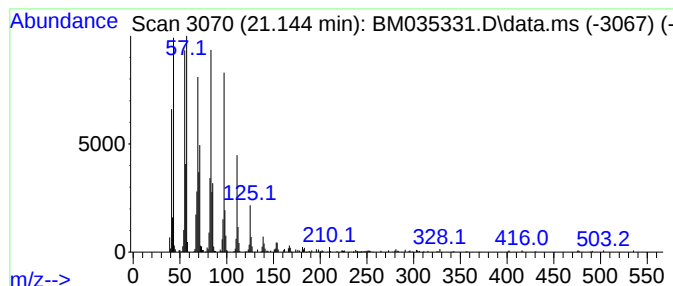
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	3.65 ng	350605	Chrysene-d12	21.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3			1-Hexacosene	364	C26H52	018835-33-1	94
4			Pentacos-1-ene	350	C25H50	016980-85-1	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phthalic anhydride	12.439	28.0	ng	1273220	2	10.663	908377	20.0
Dodecanoic acid	14.933	3.4	ng	207399	3	14.504	1239900	20.0
n-Hexadecanoic ...	18.151	8.2	ng	598044	4	17.251	1453650	20.0
Octadecanoic acid	19.433	3.9	ng	374758	5	21.433	1921010	20.0
1-Heneicosanol	21.145	3.6	ng	350605	5	21.433	1921010	20.0