

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142481.D
 Acq On : 21 May 2025 12:14
 Operator : RC/JU
 Sample : Q2074-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

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_F\Methods\8270-BF052025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142481.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	486	495	503	rBV	120451	176991	9.14%	1.269%
2	5.504	557	563	568	rBV	1195118	1563966	80.81%	11.211%
3	6.516	729	735	740	rBV	1224037	1633475	84.40%	11.709%
4	6.898	795	800	805	rBV	406273	494665	25.56%	3.546%
5	7.457	889	895	900	rBV	785864	990737	51.19%	7.102%
6	7.710	934	938	943	rBV	20428	24233	1.25%	0.174%
7	8.181	1013	1018	1023	rBV	532892	643550	33.25%	4.613%
8	9.257	1195	1201	1206	rBV	1416383	1763864	91.14%	12.644%
9	9.939	1311	1317	1322	rBV	550338	703973	36.37%	5.046%
10	10.651	1432	1438	1445	rVB	138440	171874	8.88%	1.232%
11	10.722	1445	1450	1466	rBV	966898	1264258	65.32%	9.063%
12	11.422	1564	1569	1575	rBV	546570	701153	36.23%	5.026%
13	11.945	1652	1658	1681	rBV2	197554	352103	18.19%	2.524%
14	12.733	1787	1792	1804	rBV	45077	83476	4.31%	0.598%
15	13.010	1833	1839	1844	rBV	1515178	1935391	100.00%	13.874%
16	13.915	1986	1993	2011	rBV	48952	131856	6.81%	0.945%
17	14.063	2013	2018	2027	rVB	517600	687401	35.52%	4.928%
18	15.557	2266	2272	2285	rVB	394520	627239	32.41%	4.496%

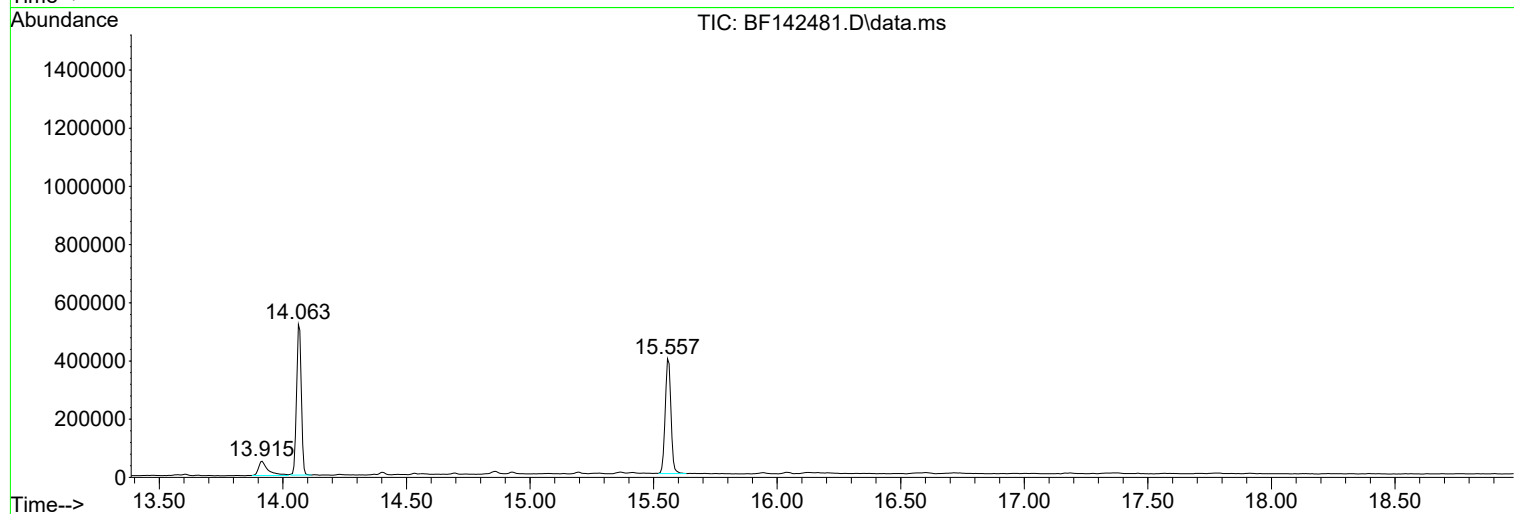
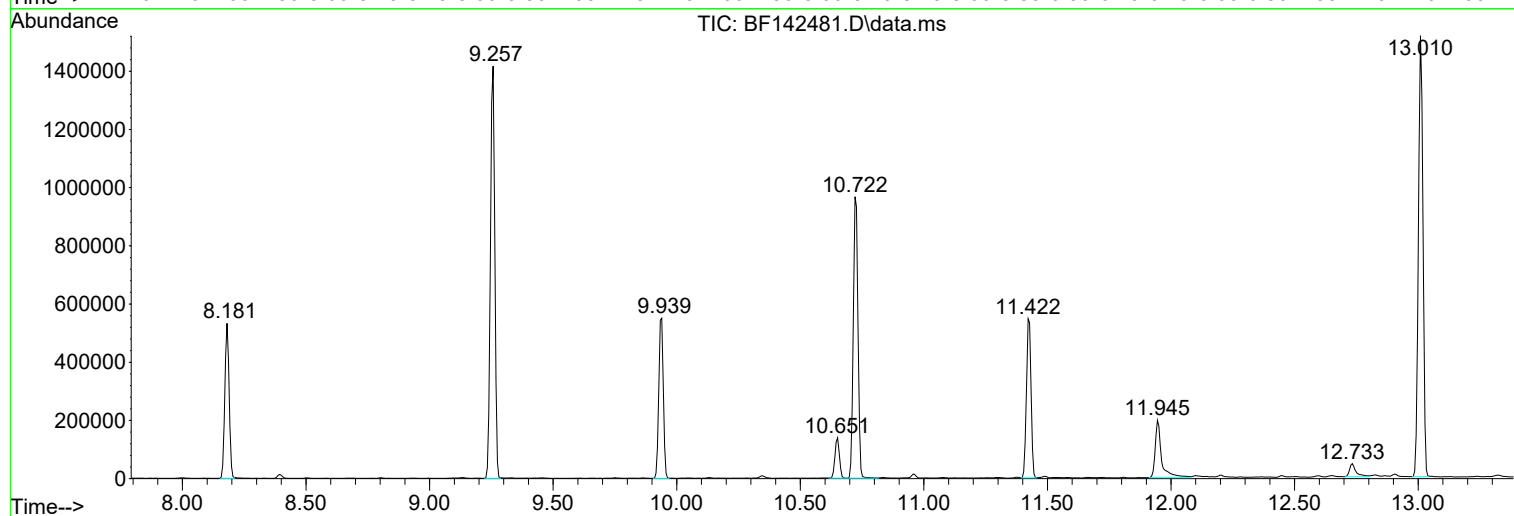
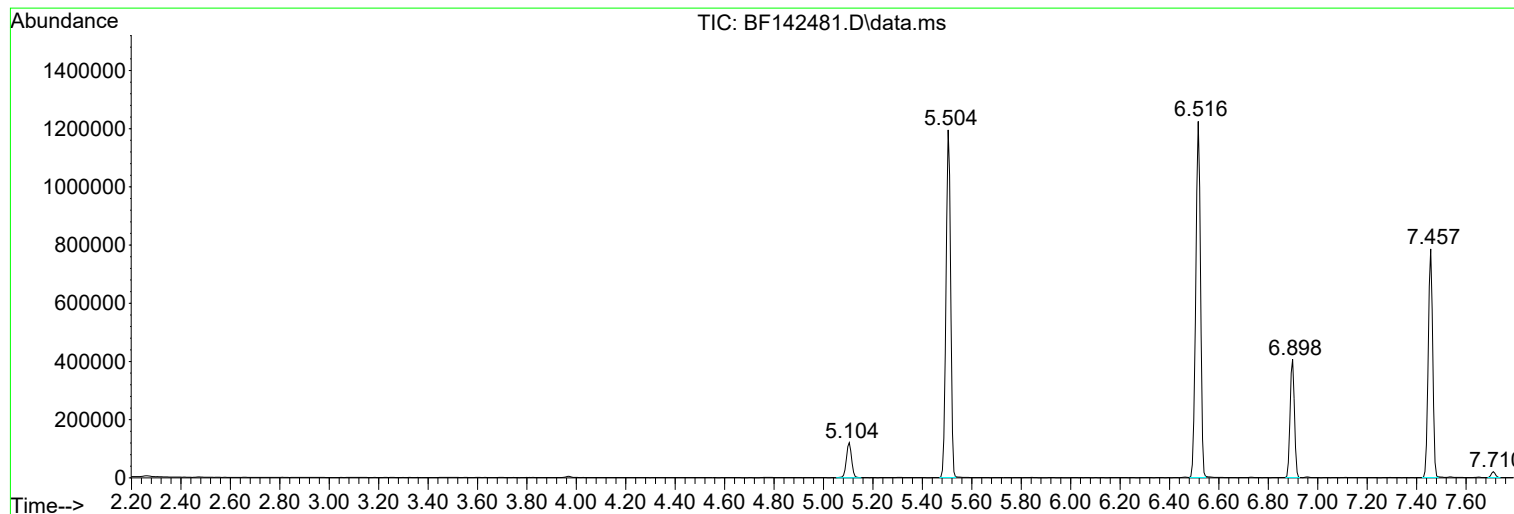
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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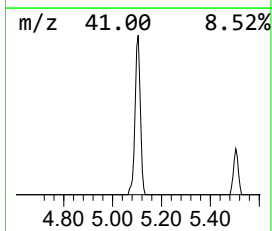
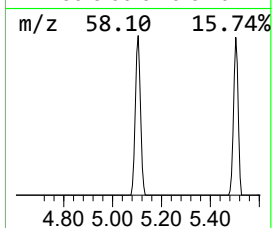
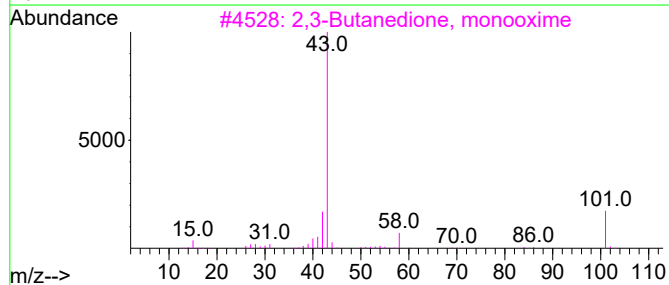
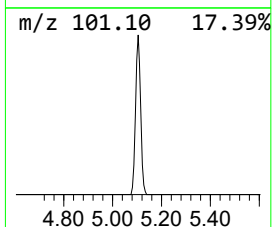
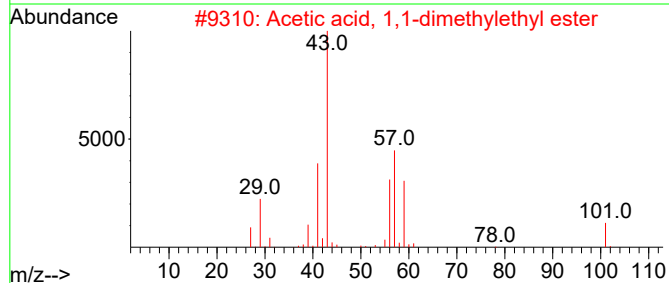
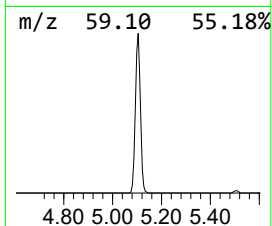
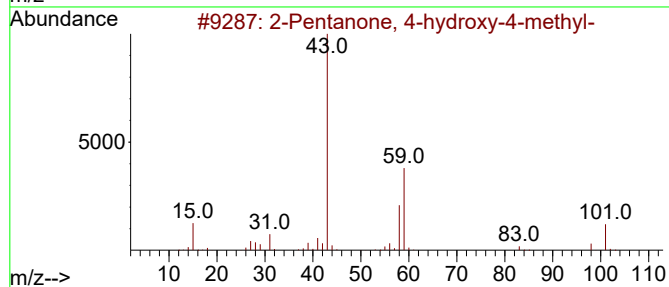
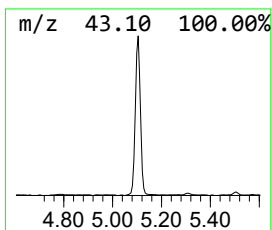
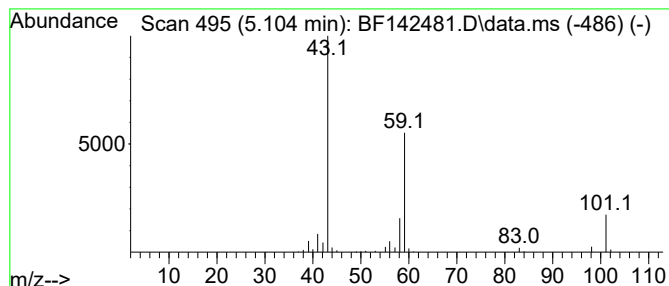
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	7.16 ng	176991	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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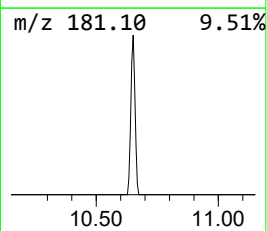
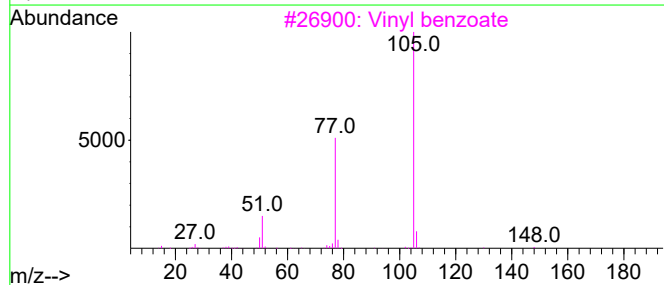
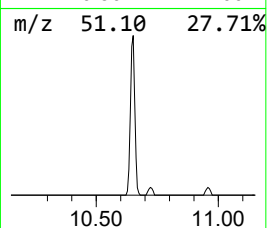
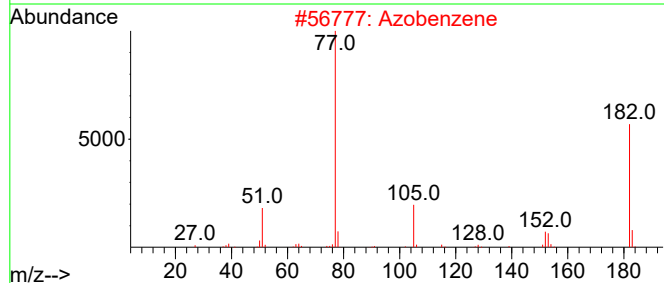
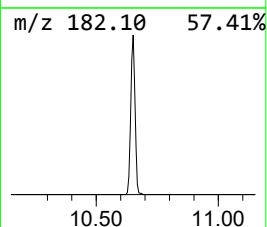
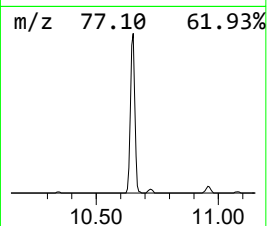
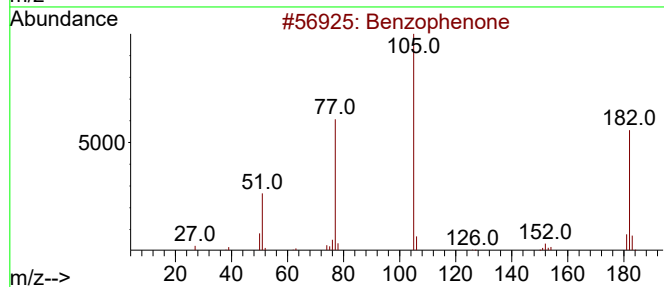
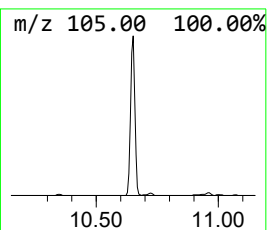
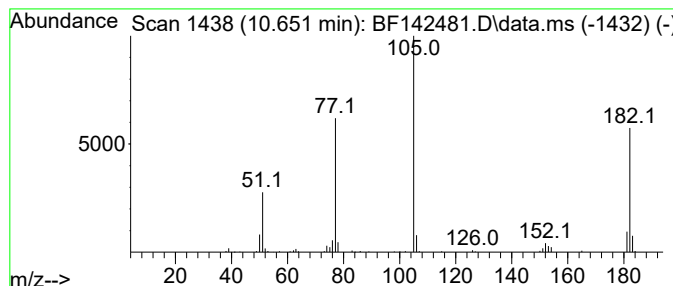
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	4.88 ng	171874	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	59
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47



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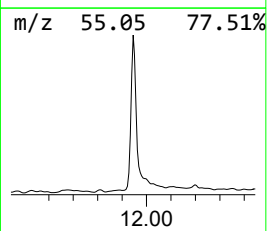
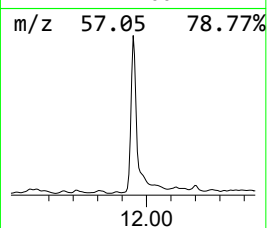
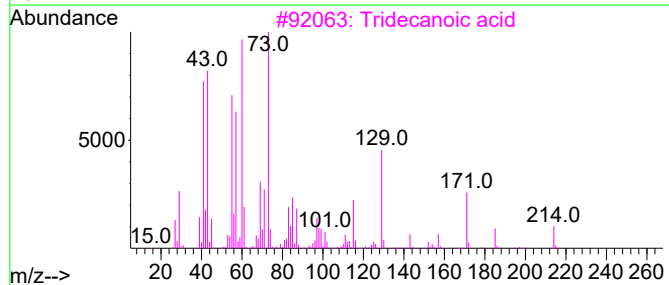
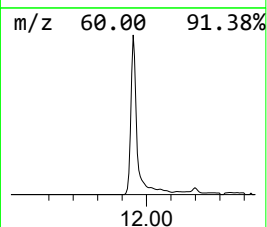
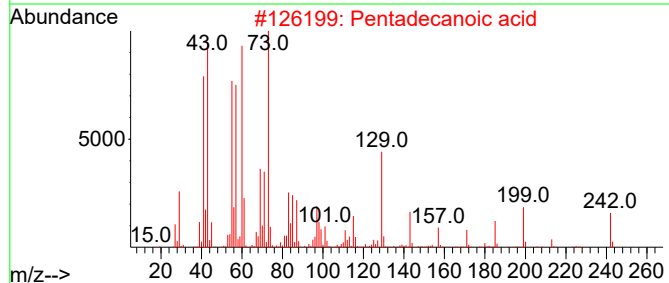
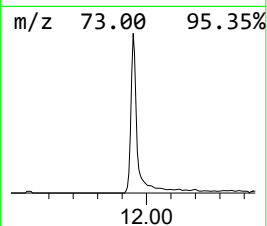
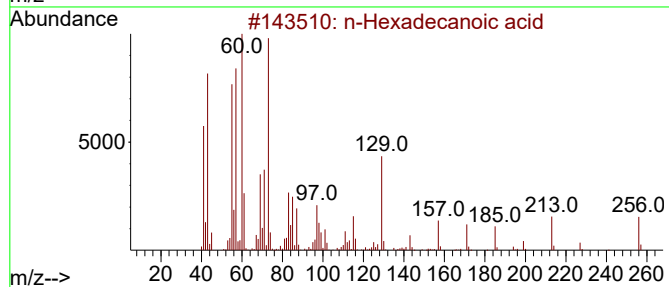
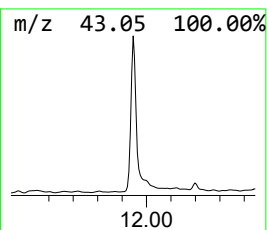
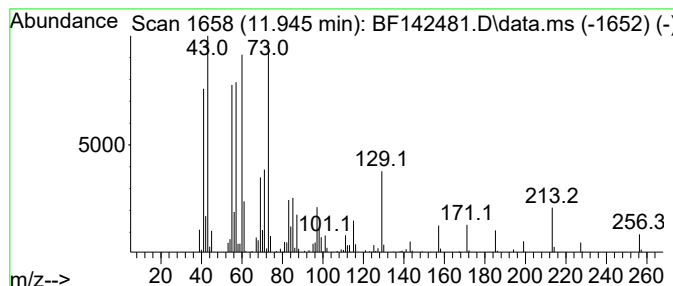
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	10.04 ng	352103	Phenanthrene-d10	11.422

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	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	68



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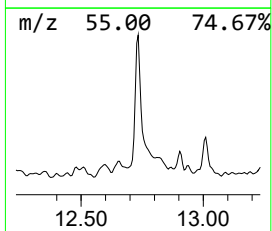
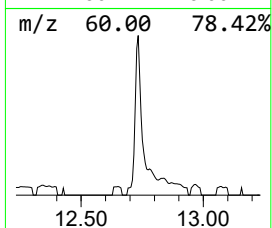
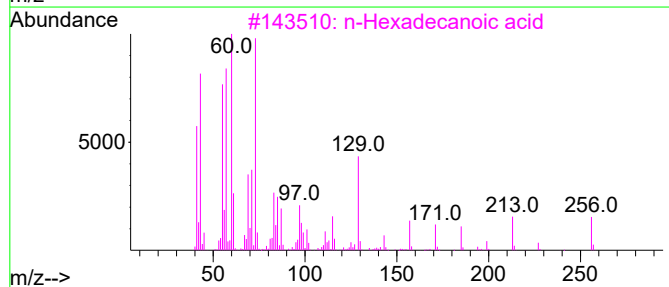
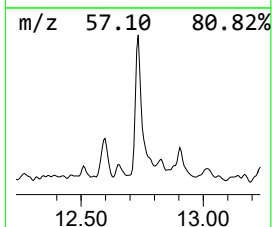
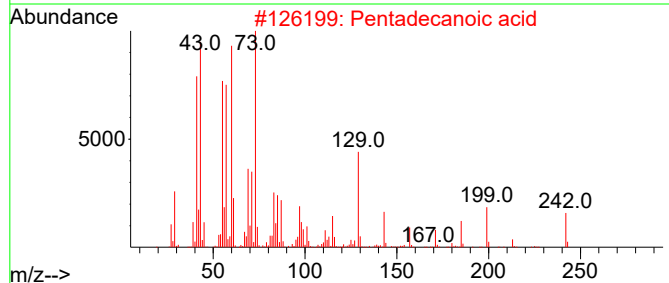
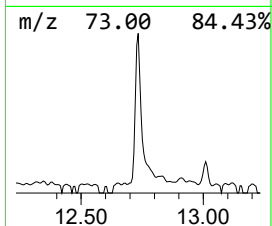
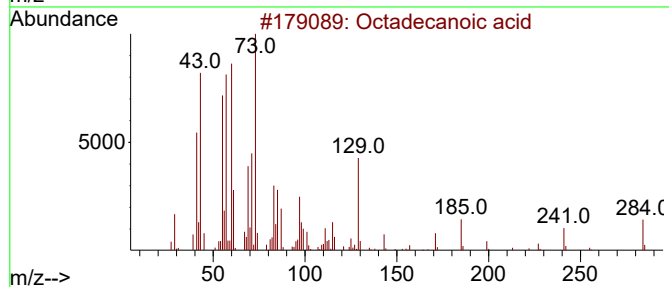
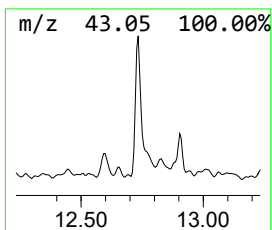
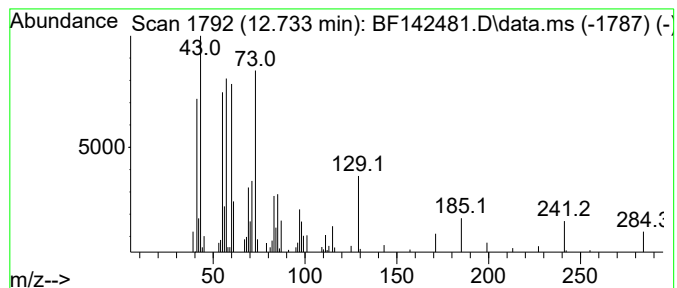
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.38 ng	83476	Phenanthrene-d10	11.422

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	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



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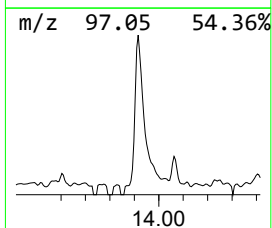
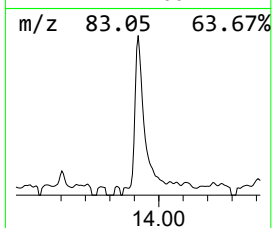
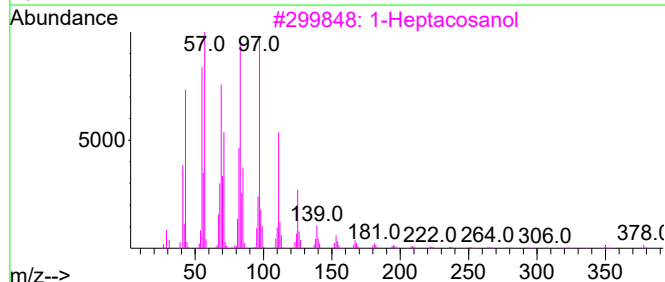
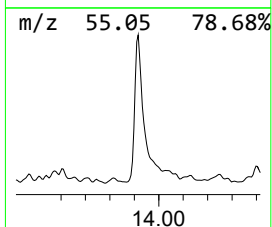
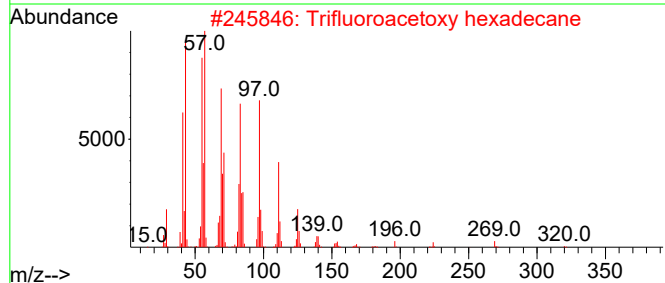
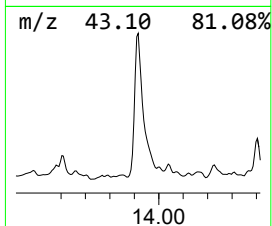
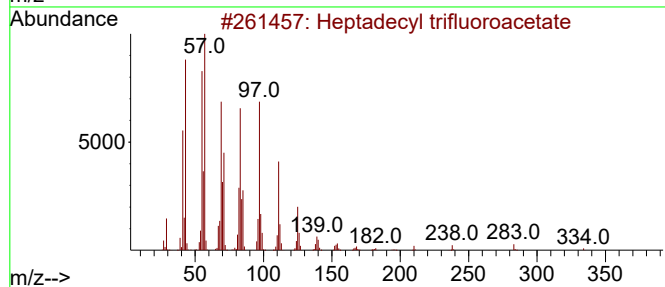
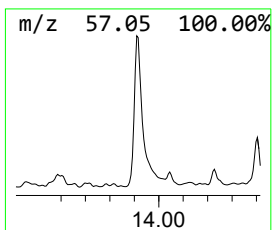
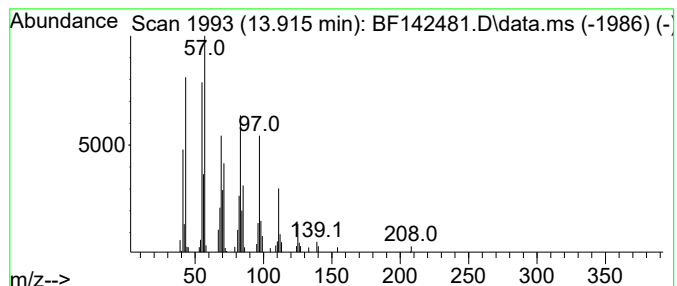
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.916	3.84 ng	131856	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.104	7.2	ng	176991	1	6.898	494665	20.0
Benzophenone	10.651	4.9	ng	171874	3	9.939	703973	20.0
n-Hexadecanoic ...	11.945	10.0	ng	352103	4	11.422	701153	20.0
Octadecanoic acid	12.733	2.4	ng	83476	4	11.422	701153	20.0
Heptadecyl trif...	13.916	3.8	ng	131856	5	14.063	687401	20.0