

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142582.D
 Acq On : 30 May 2025 21:13
 Operator : RC/JU
 Sample : Q2150-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-53

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: BF142582.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.304	13	19	32	rVB2	23795	41387	1.64%	0.235%
2	5.116	490	497	509	rBV	176576	256339	10.17%	1.454%
3	5.516	558	565	570	rBV	1606462	2180198	86.47%	12.369%
4	6.516	729	735	754	rVB	1570508	2226301	88.30%	12.631%
5	6.898	794	800	805	rBV	583375	734666	29.14%	4.168%
6	7.457	889	895	900	rBV	1094436	1417903	56.24%	8.044%
7	7.710	930	938	950	rBV	23993	34102	1.35%	0.193%
8	8.181	1012	1018	1031	rBV	769427	965546	38.30%	5.478%
9	9.257	1195	1201	1206	rBV	1959377	2521311	100.00%	14.304%
10	9.933	1311	1316	1327	rVB	833050	1051238	41.69%	5.964%
11	10.651	1432	1438	1445	rBV	136361	179070	7.10%	1.016%
12	10.722	1445	1450	1464	rBV	1146853	1509951	59.89%	8.566%
13	11.422	1564	1569	1576	rBV	757058	959464	38.05%	5.443%
14	11.945	1653	1658	1674	rBV2	114711	187369	7.43%	1.063%
15	13.010	1833	1839	1844	rBV	1545181	1926148	76.39%	10.928%
16	13.904	1986	1991	2004	rBV	65597	128012	5.08%	0.726%
17	14.063	2013	2018	2027	rVB	462499	613506	24.33%	3.481%
18	15.562	2266	2273	2284	rBV	432508	693756	27.52%	3.936%

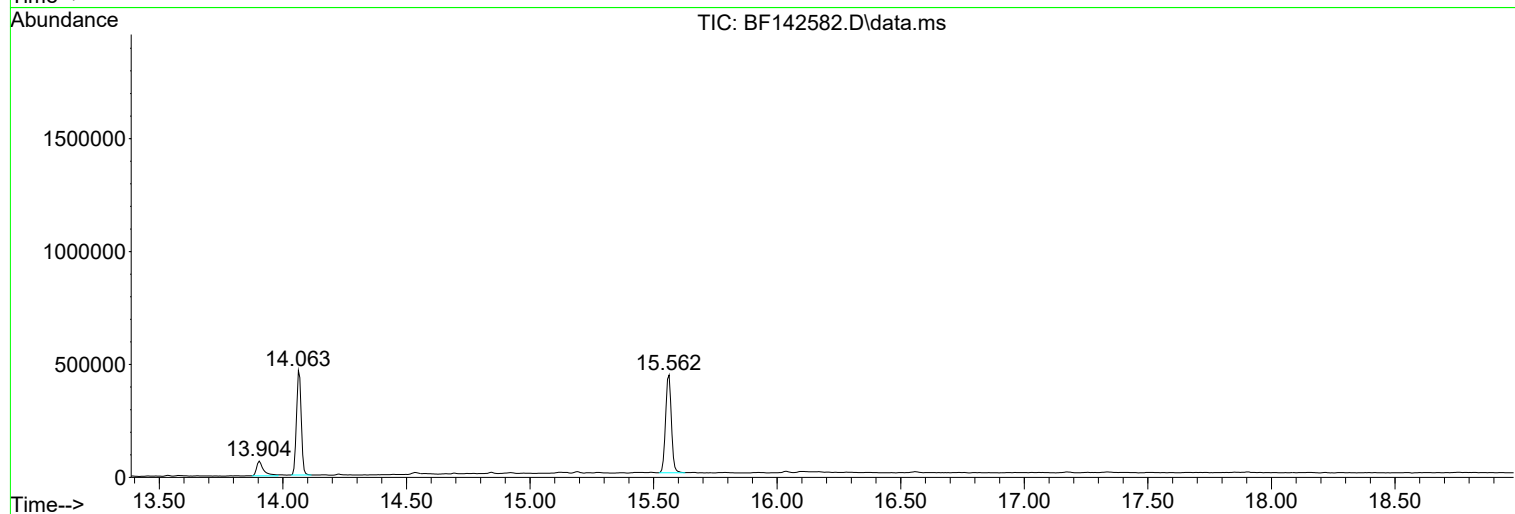
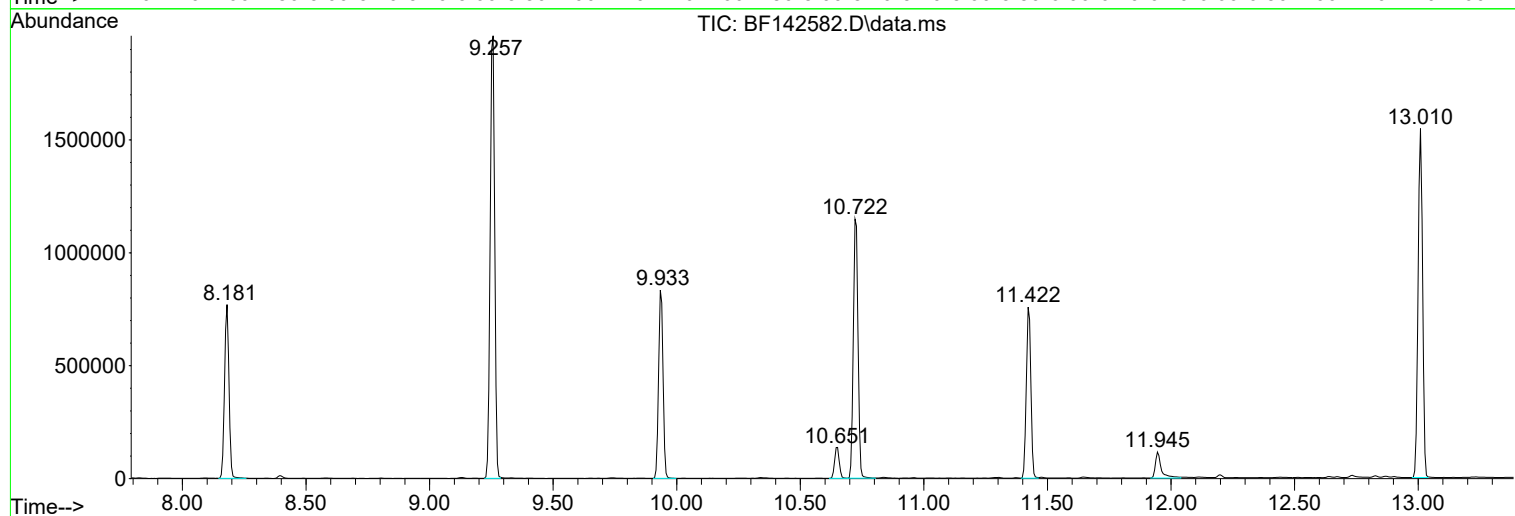
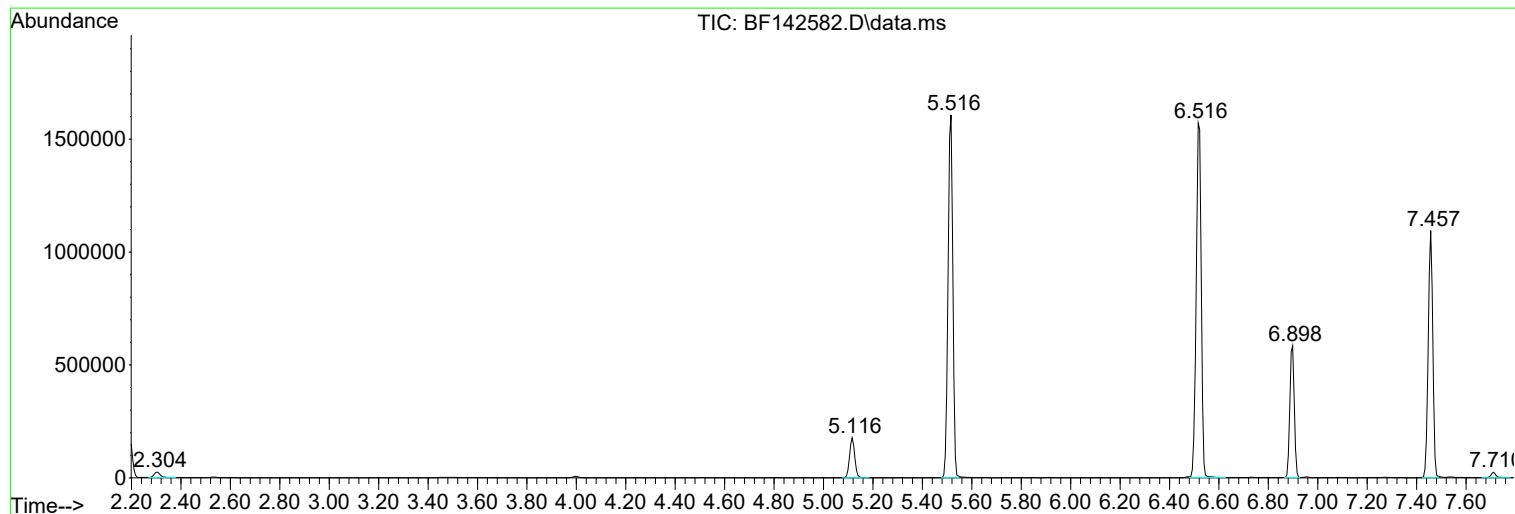
Sum of corrected areas: 17626267

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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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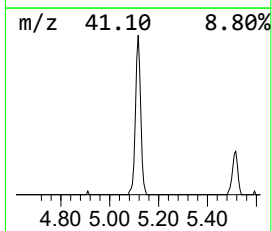
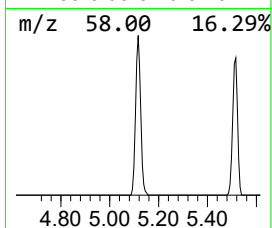
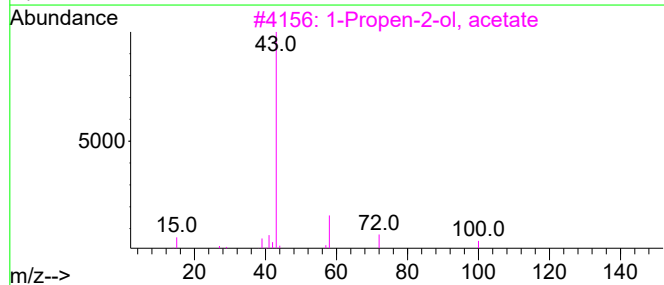
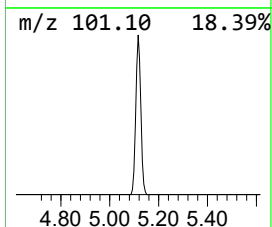
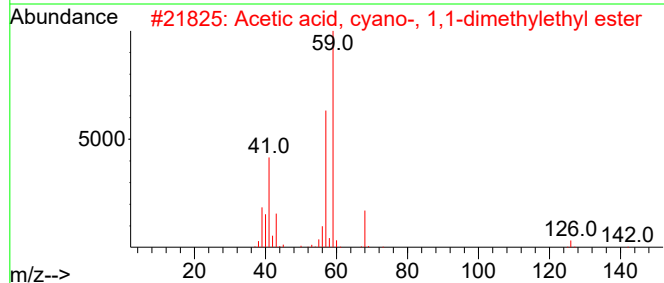
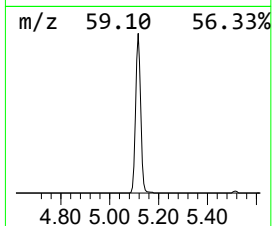
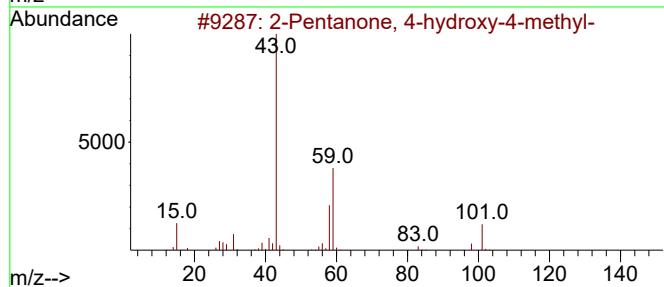
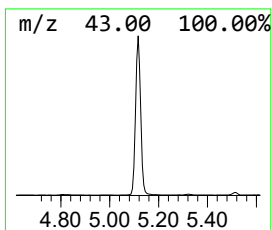
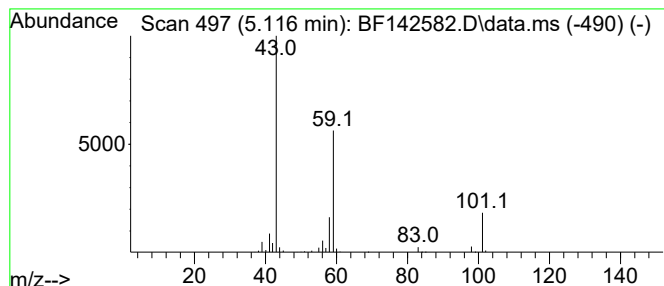
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.98 ng	256339	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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9		



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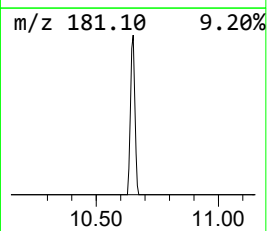
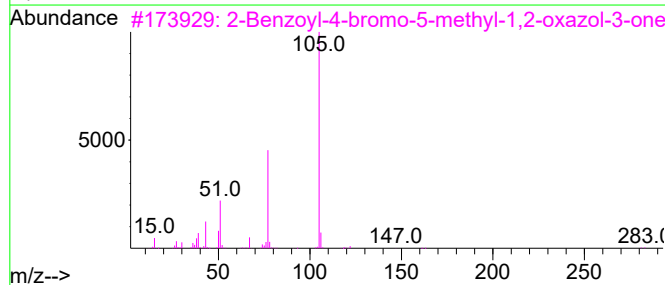
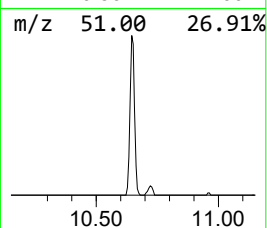
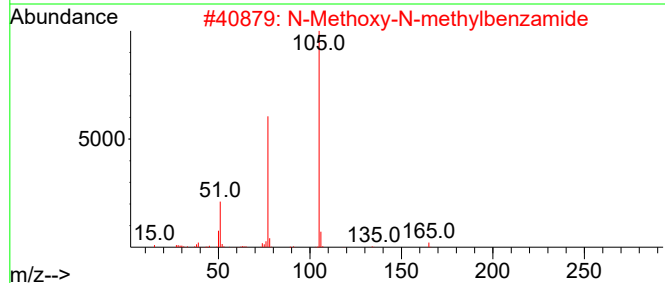
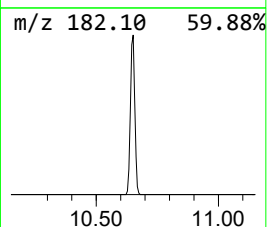
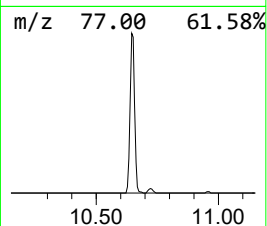
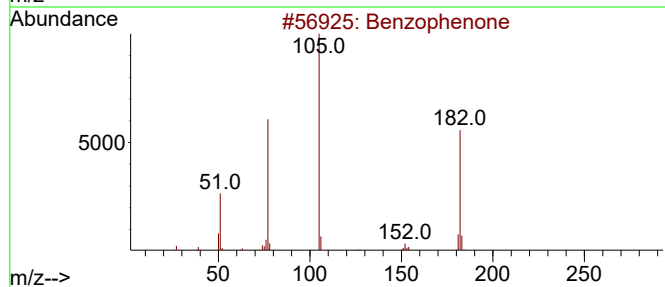
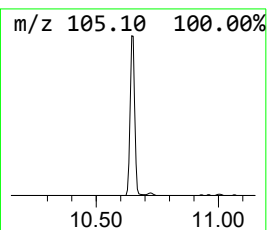
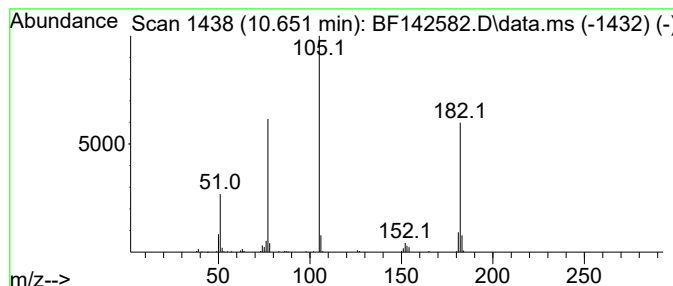
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	3.41 ng	179070	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
3			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
4			Benzoyl bromide	184	C7H5BrO	000618-32-6	47
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47



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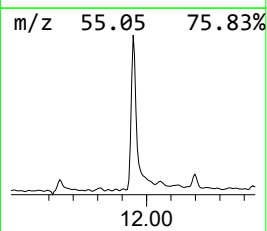
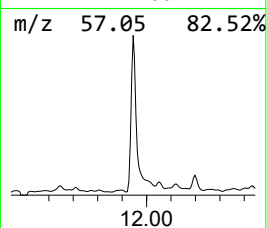
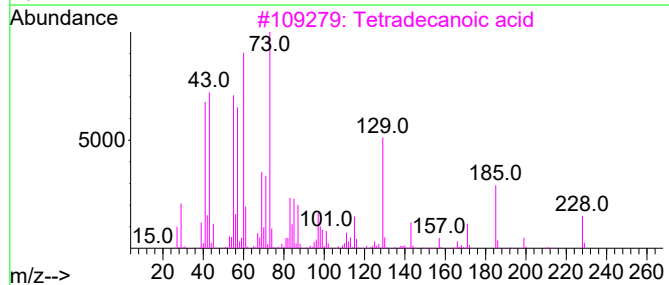
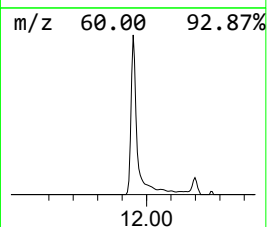
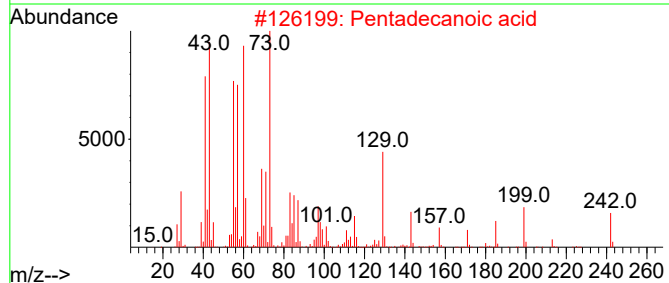
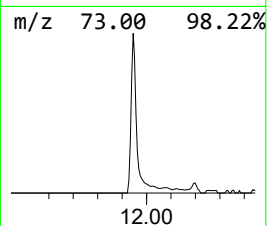
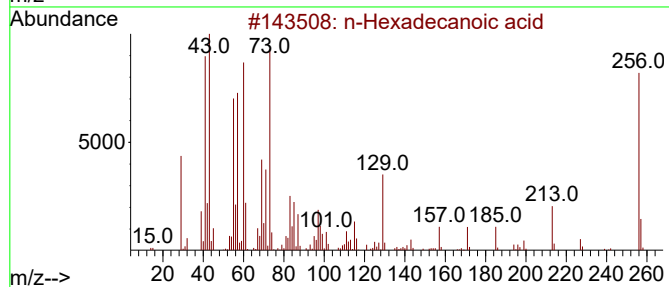
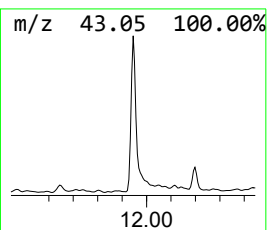
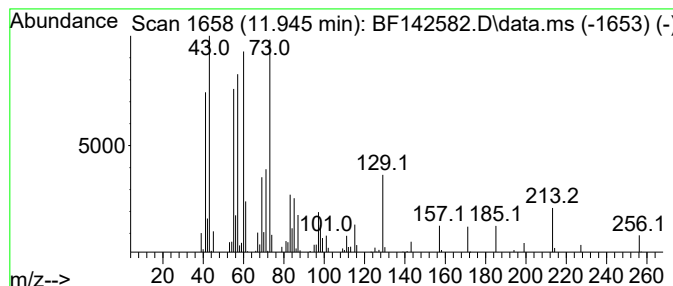
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.91 ng	187369	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			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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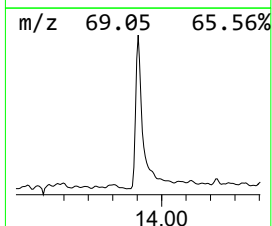
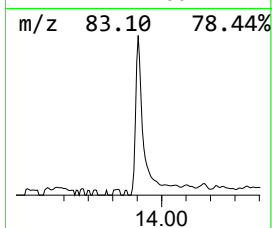
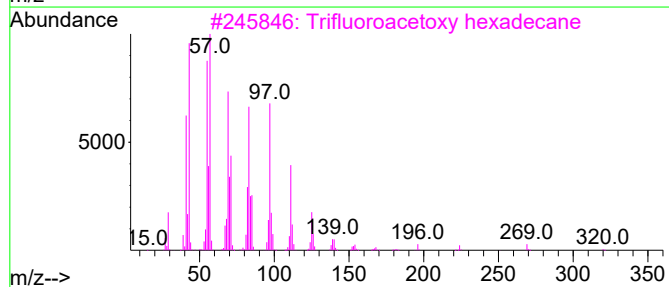
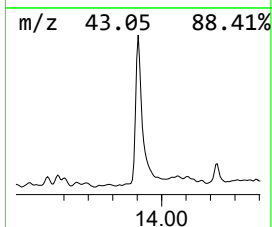
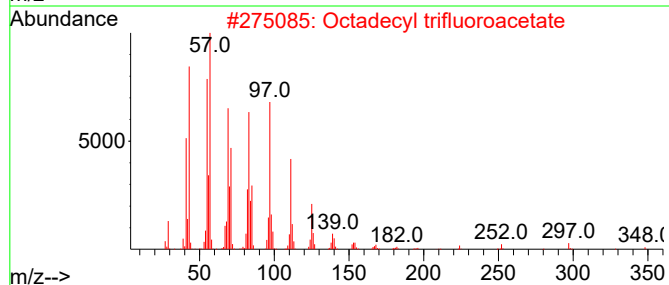
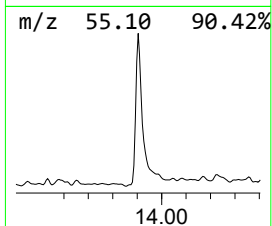
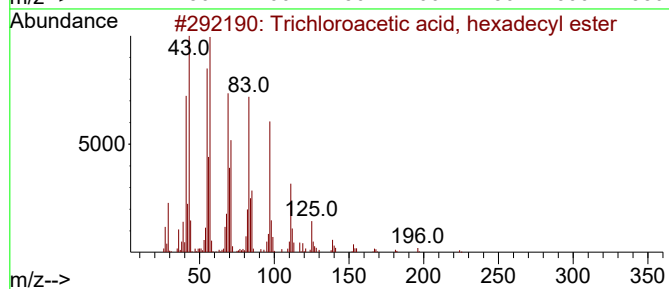
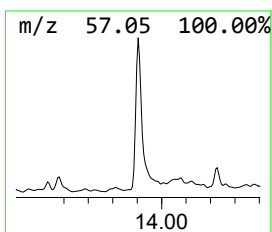
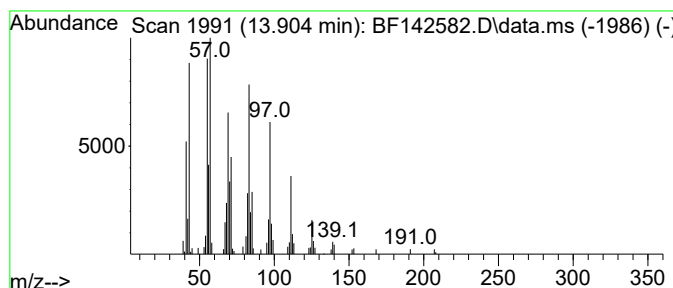
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Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.17 ng	128012	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
5			1-Heneicosanol	312	C21H44O	015594-90-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	7.0	ng	256339	1	6.898	734666	20.0
Benzophenone	10.651	3.4	ng	179070	3	9.933	1051240	20.0
n-Hexadecanoic ...	11.945	3.9	ng	187369	4	11.422	959464	20.0
Trichloroacetic...	13.904	4.2	ng	128012	5	14.063	613506	20.0