

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142483.D
 Acq On : 21 May 2025 13:11
 Operator : RC/JU
 Sample : Q2074-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

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: BF142483.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	487	494	505	rBV	93719	135596	10.26%	1.344%
2	5.504	557	563	568	rBV	982292	1256178	95.01%	12.451%
3	6.516	729	735	740	rBV	975482	1272782	96.26%	12.615%
4	6.898	795	800	805	rBV	313277	380514	28.78%	3.772%
5	7.457	889	895	900	rBV	610196	765252	57.88%	7.585%
6	7.710	934	938	944	rVB	15768	20634	1.56%	0.205%
7	8.181	1013	1018	1023	rBV	409351	494095	37.37%	4.897%
8	9.257	1195	1201	1206	rBV	1046801	1322200	100.00%	13.105%
9	9.933	1311	1316	1322	rBV	417151	533973	40.39%	5.293%
10	10.651	1433	1438	1445	rVB	117298	147200	11.13%	1.459%
11	10.722	1445	1450	1461	rBV	722193	898859	67.98%	8.909%
12	10.957	1486	1490	1495	rVB	10877	13279	1.00%	0.132%
13	11.422	1564	1569	1576	rBV	417782	527725	39.91%	5.231%
14	11.945	1653	1658	1675	rBV2	80939	138767	10.50%	1.375%
15	12.733	1788	1792	1805	rBV2	10146	18870	1.43%	0.187%
16	13.010	1834	1839	1844	rBV	966347	1210472	91.55%	11.998%
17	13.792	1963	1972	1985	rVB	6593	25750	1.95%	0.255%
18	13.916	1987	1993	2009	rBV2	21075	59087	4.47%	0.586%
19	14.063	2011	2018	2028	rVB	361077	478473	36.19%	4.742%
20	15.557	2266	2272	2282	rBV	255351	389395	29.45%	3.860%

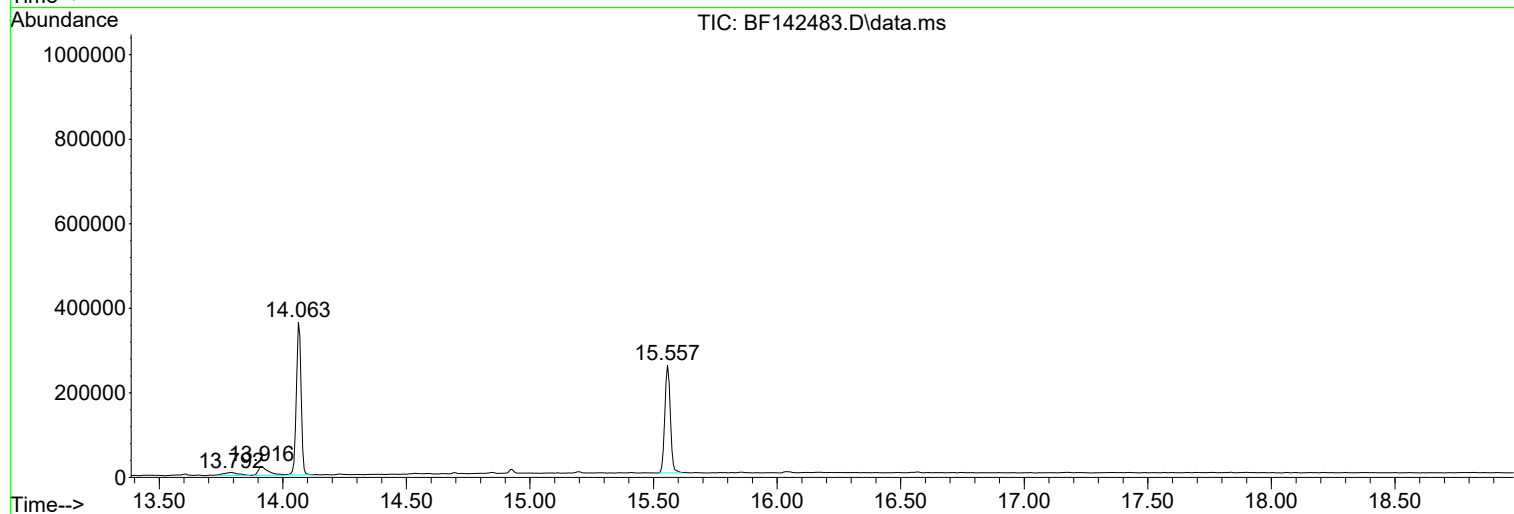
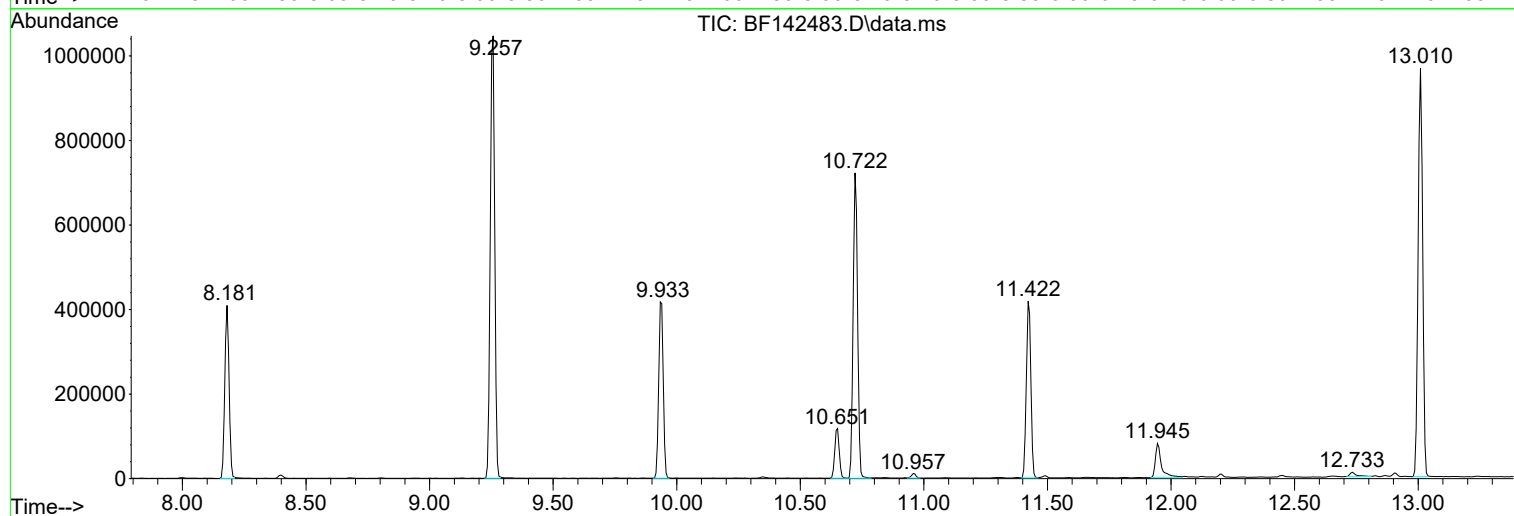
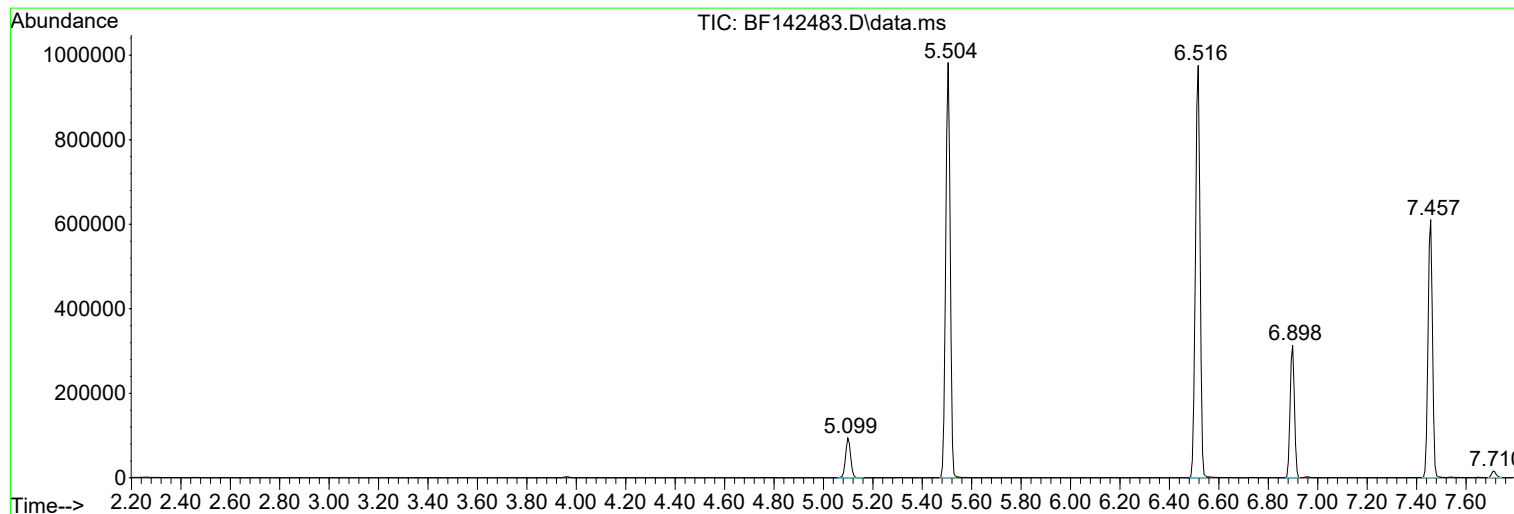
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TIC Library : C:\Database\NIST20.L
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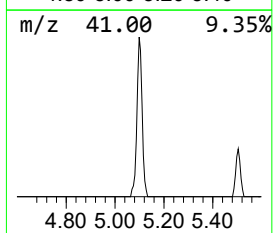
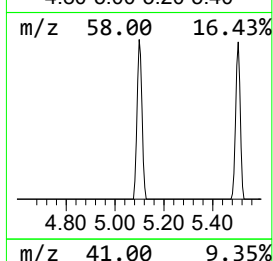
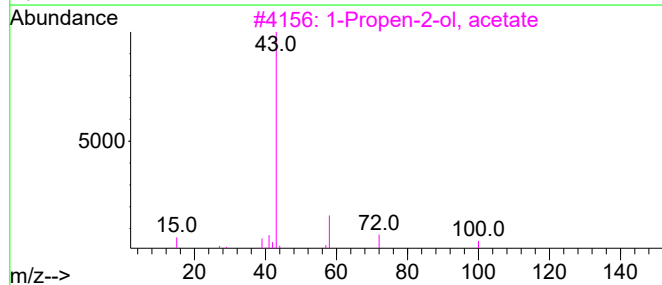
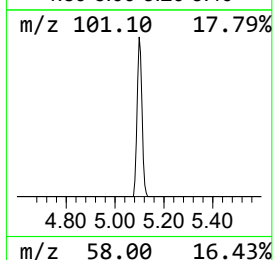
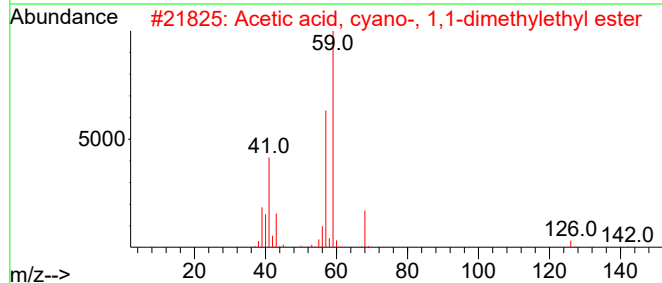
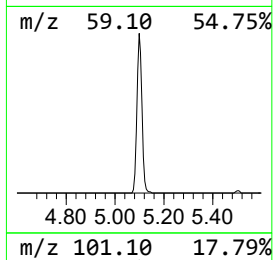
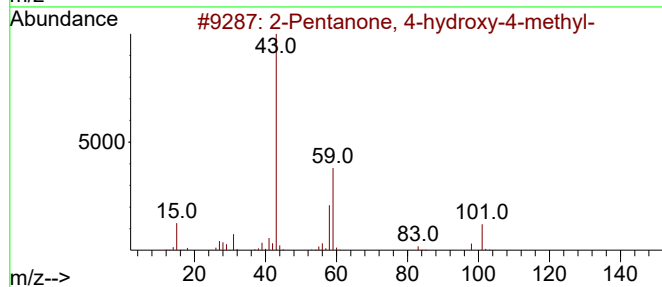
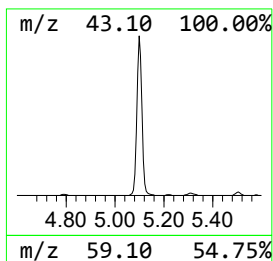
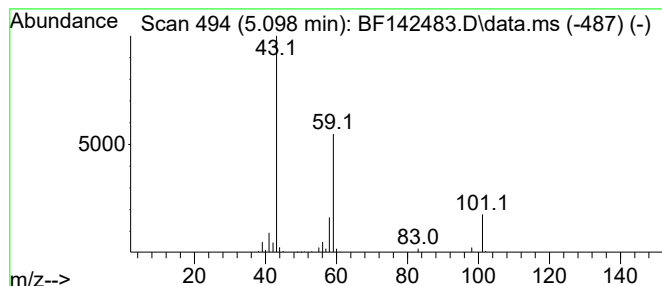
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	7.13 ng	135596	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	32		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9		



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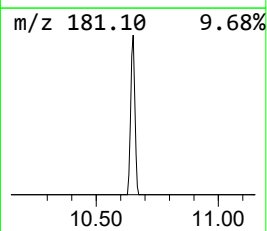
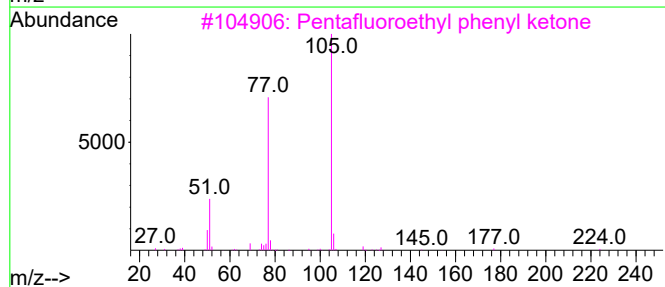
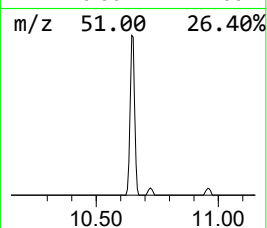
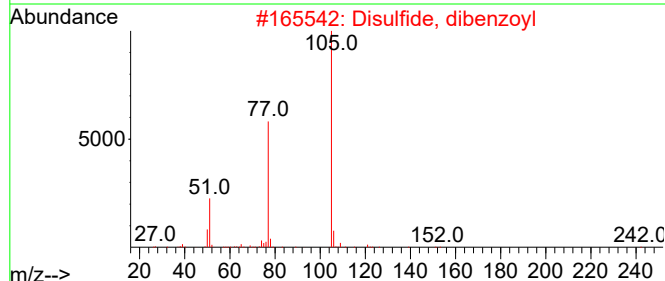
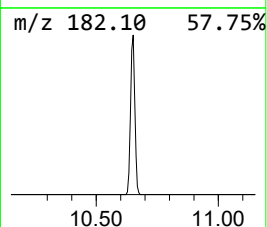
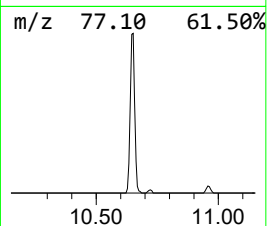
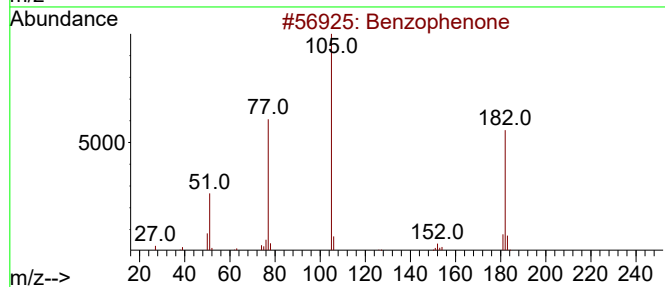
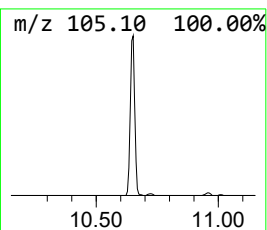
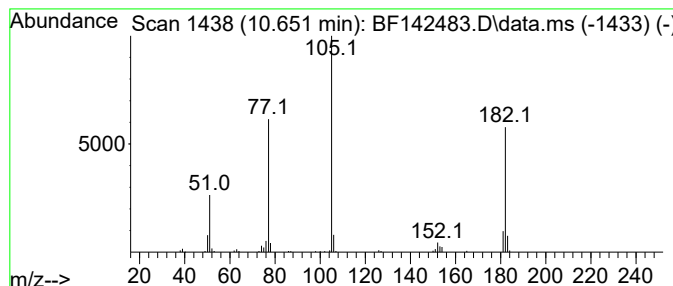
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	5.51 ng	147200	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
3			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5			Vinyl benzoate	148	C9H8O2	000769-78-8	47



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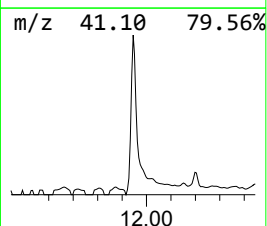
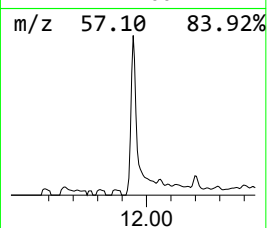
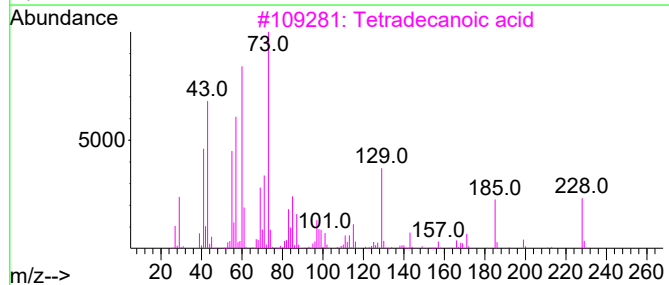
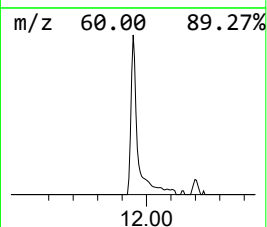
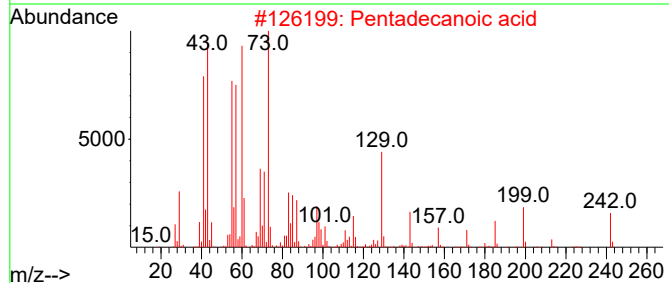
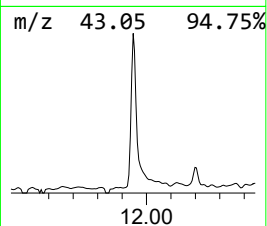
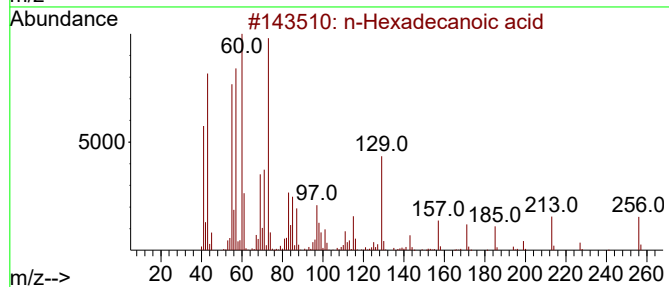
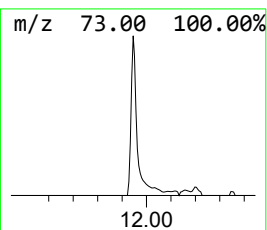
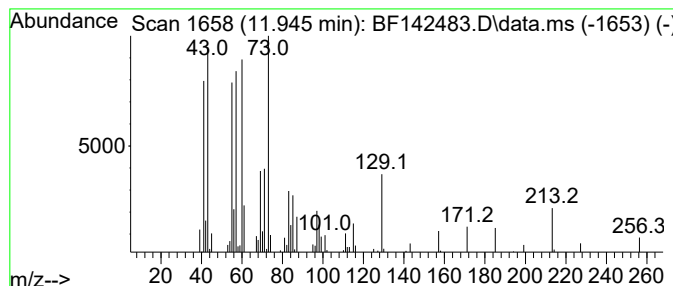
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.26 ng	138767	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Nonanoic acid	158	C9H18O2	000112-05-0	43



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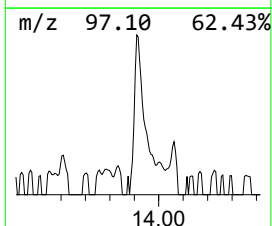
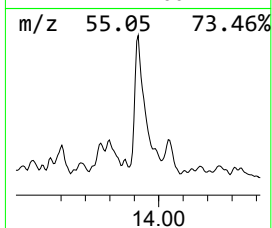
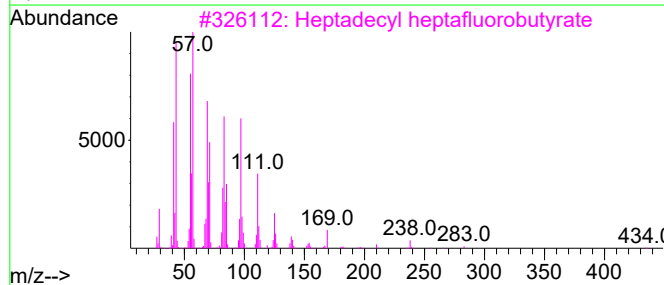
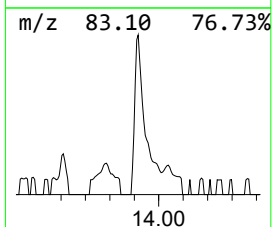
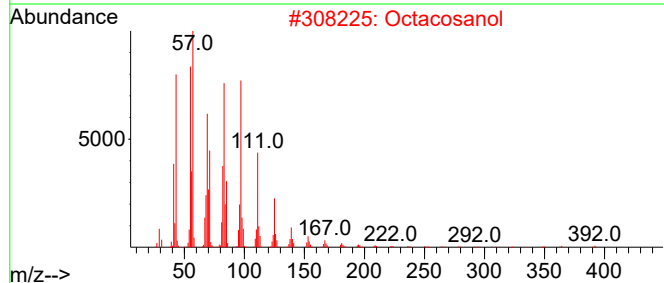
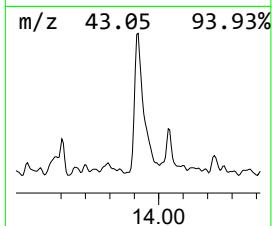
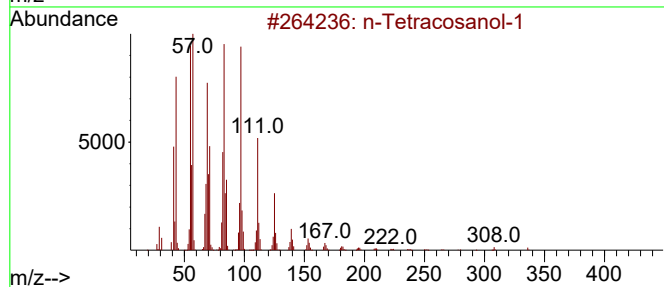
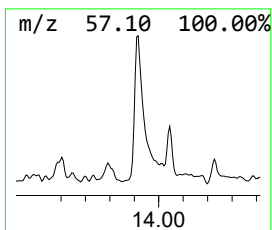
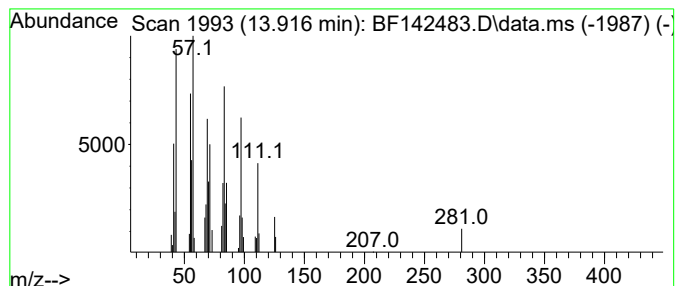
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Peak Number 4 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	2.47 ng	59087	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2			Octacosanol	410	C28H58O	000557-61-9	91
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4			1-Tetracosene	336	C24H48	010192-32-2	91
5			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.098	7.1	ng	135596	1	6.898	380514	20.0
Benzophenone	10.651	5.5	ng	147200	3	9.933	533973	20.0
n-Hexadecanoic ...	11.945	5.3	ng	138767	4	11.422	527725	20.0
n-Tetracosanol-1	13.916	2.5	ng	59087	5	14.063	478473	20.0