

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142365.D
 Acq On : 14 May 2025 14:51
 Operator : RC/JU
 Sample : Q1982-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

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-BF050525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	487	497	504	rBV	270349	424336	7.40%	1.210%
2	5.510	557	564	569	rBV	2679330	3649759	63.66%	10.404%
3	6.516	728	735	740	rBV	2692784	3781869	65.96%	10.780%
4	6.898	795	800	805	rBV	900071	1076225	18.77%	3.068%
5	7.457	889	895	900	rBV	1815971	2397865	41.82%	6.835%
6	7.710	934	938	945	rVB	64195	76836	1.34%	0.219%
7	8.181	1012	1018	1023	rBV	1157179	1442314	25.16%	4.111%
8	9.257	1194	1201	1206	rBV	3622853	4604903	80.32%	13.126%
9	9.933	1311	1316	1322	rBV	1290822	1676933	29.25%	4.780%
10	10.651	1432	1438	1444	rBV	457687	572189	9.98%	1.631%
11	10.722	1444	1450	1460	rBV	2441566	3227381	56.29%	9.200%
12	10.957	1482	1490	1495	rBV	63674	81380	1.42%	0.232%
13	11.422	1564	1569	1574	rBV	1488617	1854817	32.35%	5.287%
14	11.951	1652	1659	1684	rBV	544270	926182	16.15%	2.640%
15	12.204	1697	1702	1710	rVB2	48268	67650	1.18%	0.193%
16	12.733	1787	1792	1804	rBV	77799	143614	2.50%	0.409%
17	13.010	1833	1839	1845	rBV	4177605	5733397	100.00%	16.343%
18	13.904	1986	1991	2008	rBV	162280	327627	5.71%	0.934%
19	14.063	2012	2018	2026	rVB	1314787	1686586	29.42%	4.808%
20	15.551	2265	2271	2286	rBV	829037	1330151	23.20%	3.792%

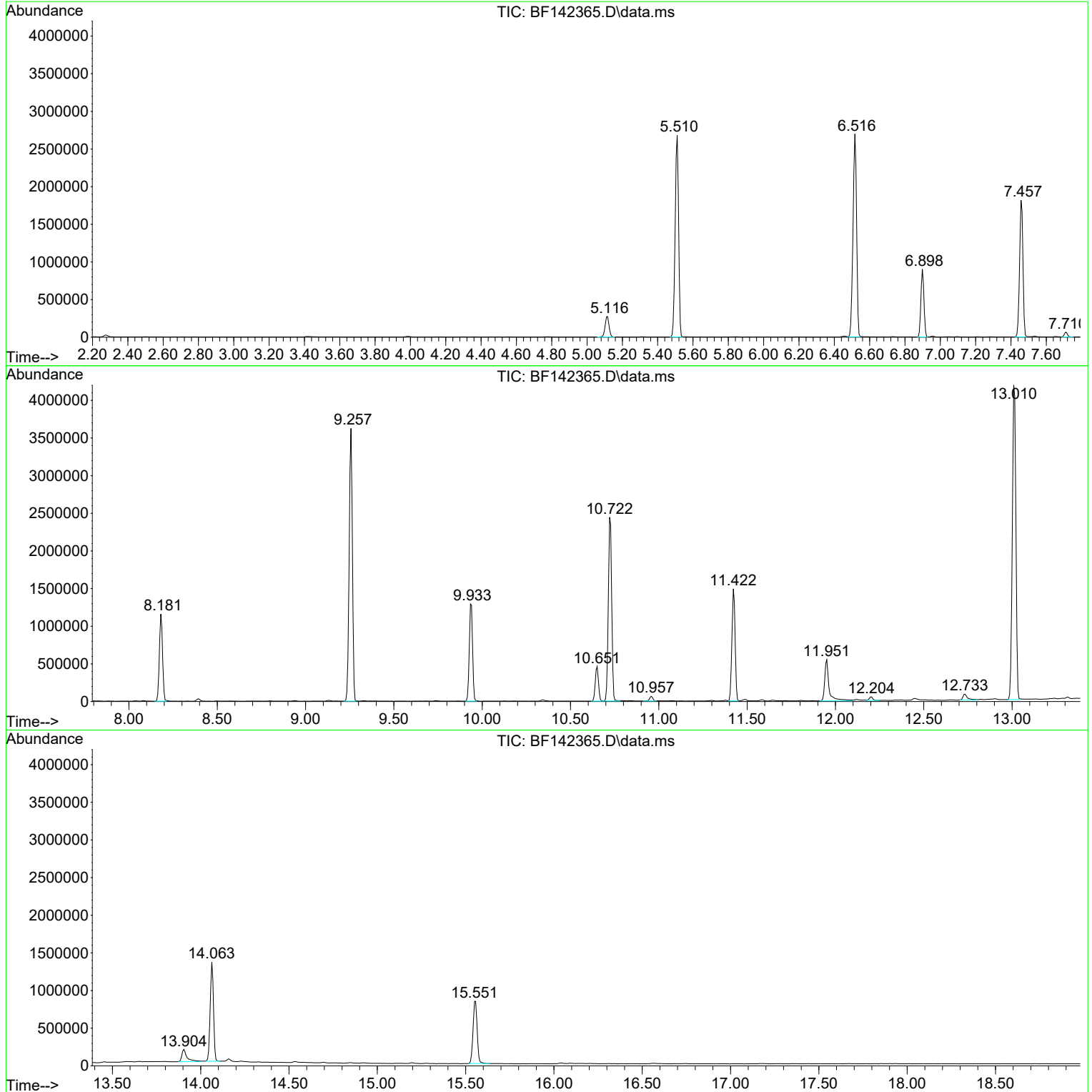
Sum of corrected areas: 35082014

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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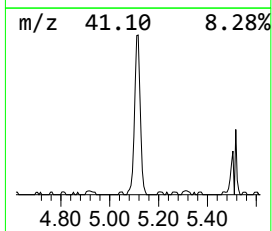
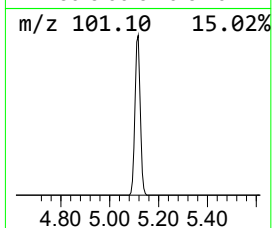
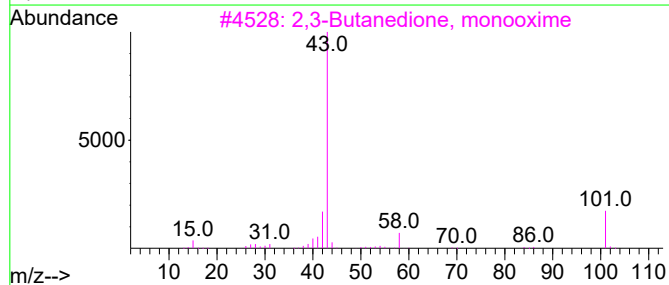
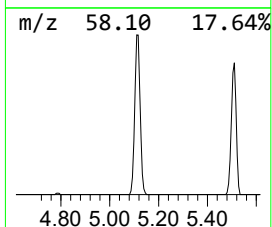
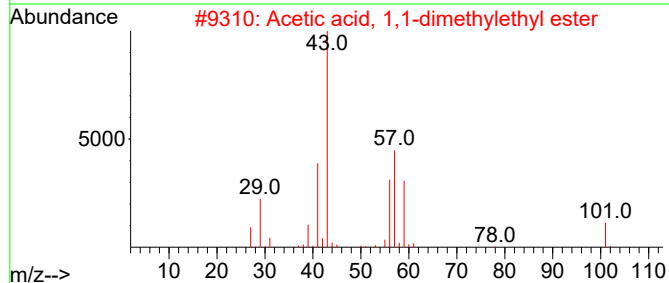
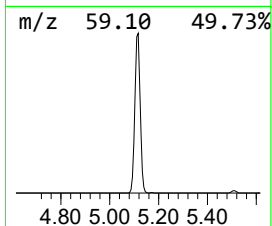
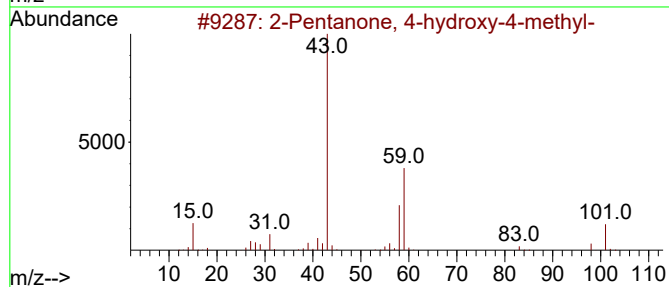
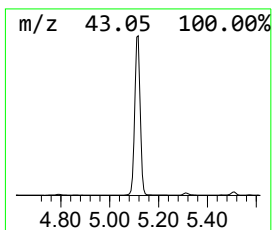
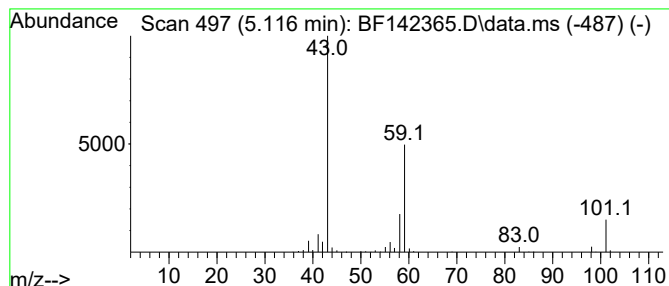
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	7.89 ng	424336	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	28		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	Acetone	58	C3H6O	000067-64-1	9		



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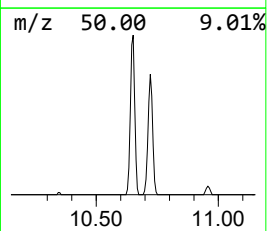
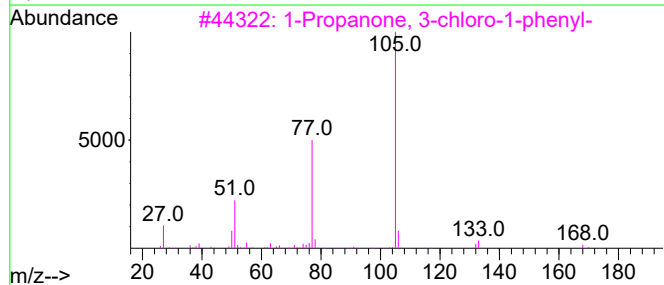
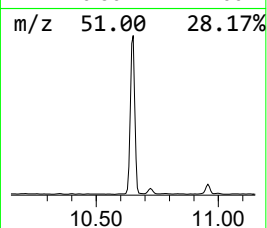
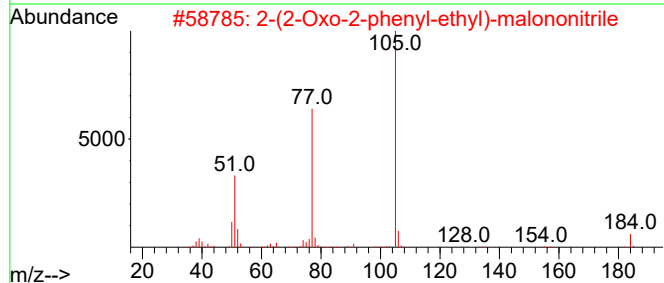
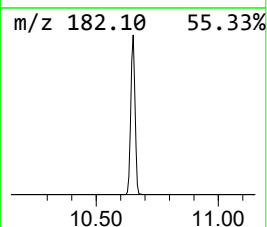
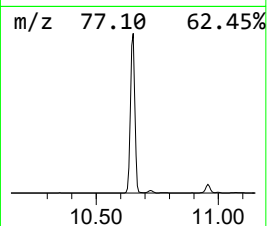
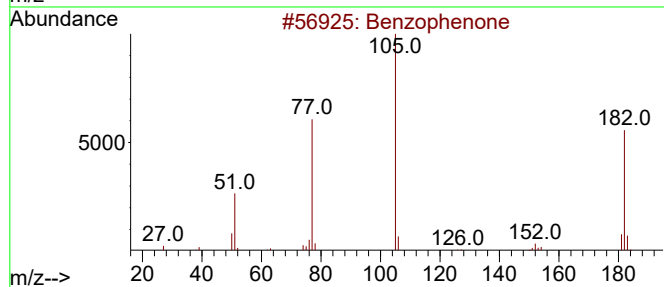
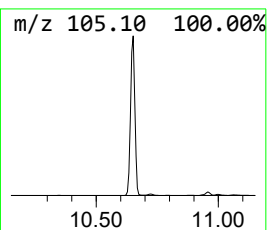
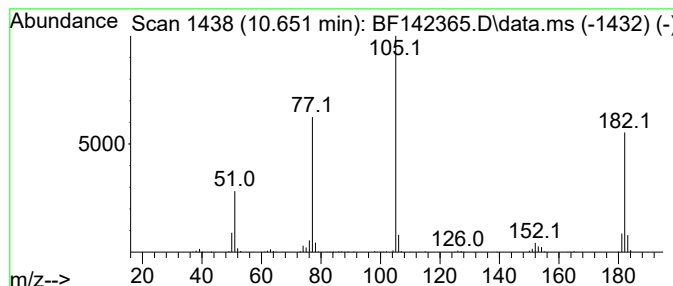
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	6.82 ng	572189	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	58
3			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	50
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	50
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	50



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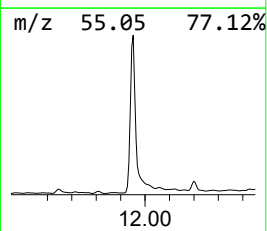
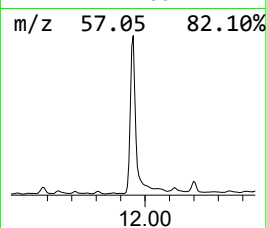
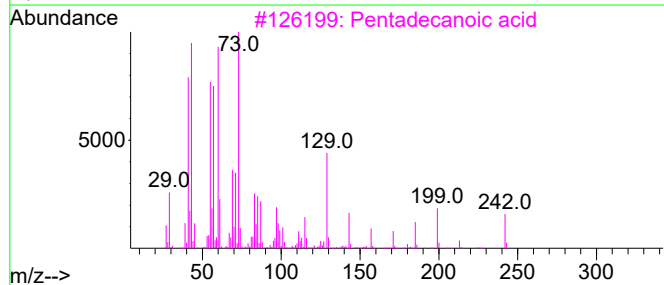
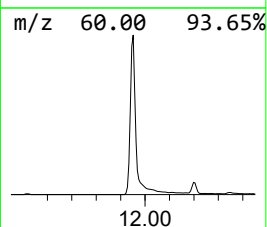
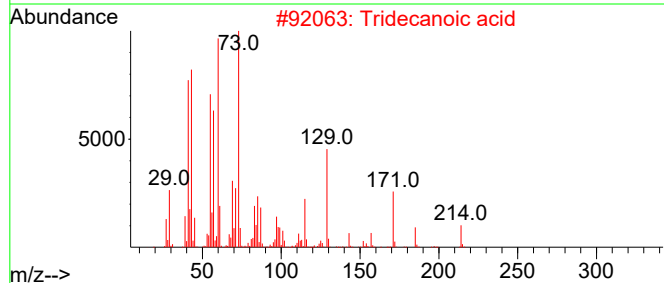
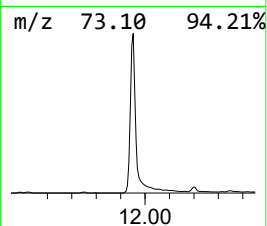
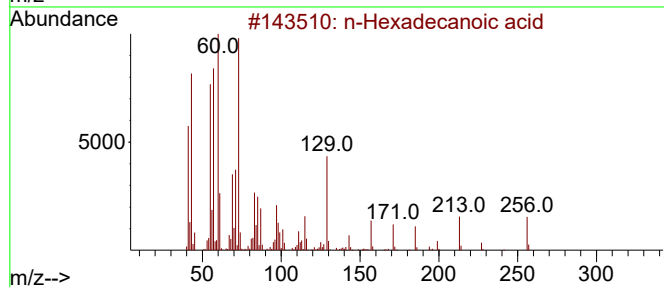
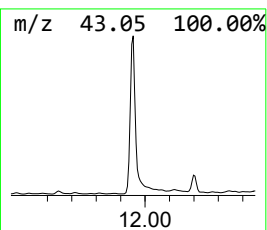
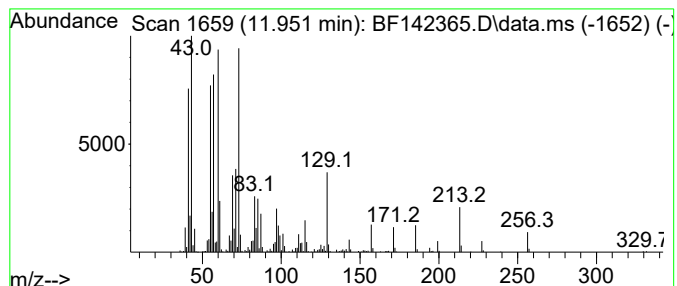
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	9.99 ng	926182	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	83



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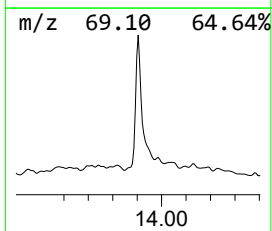
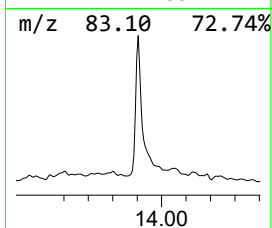
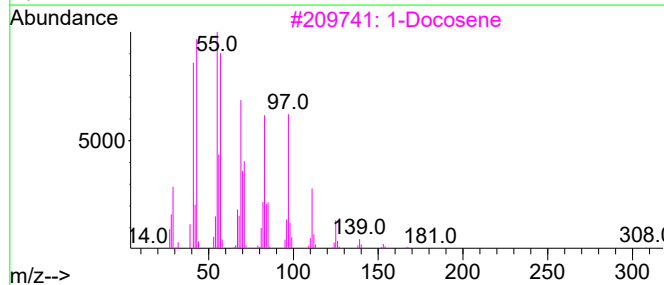
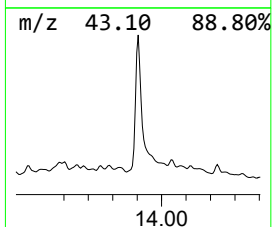
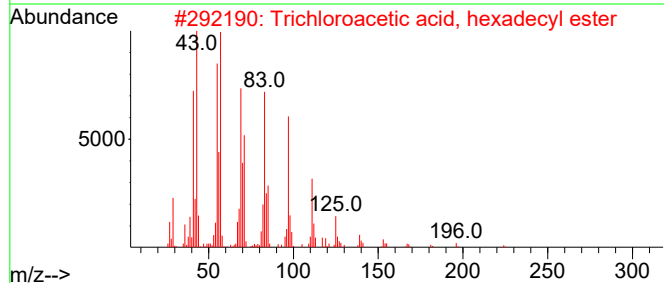
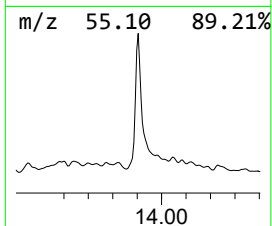
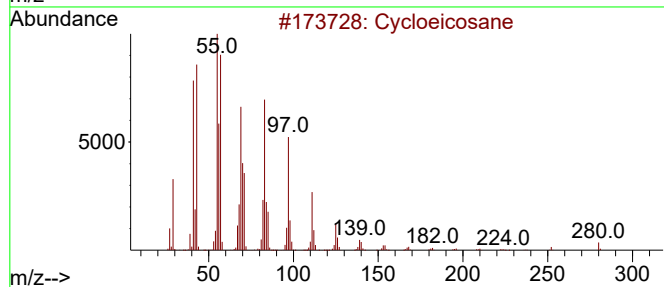
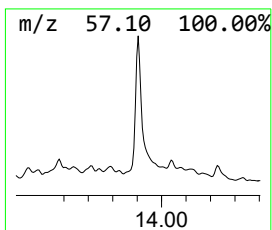
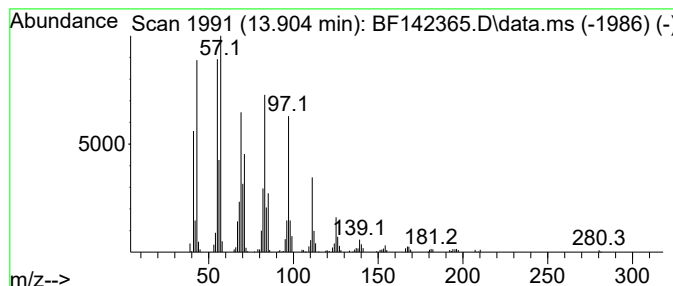
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Peak Number 4 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.89 ng	327627	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloeicosane	280	C20H40	000296-56-0	97
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3			1-Docosene	308	C22H44	001599-67-3	94
4			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	7.9	ng	424336	1	6.898	1076230	20.0
Benzophenone	10.651	6.8	ng	572189	3	9.939	1676930	20.0
n-Hexadecanoic ...	11.951	10.0	ng	926182	4	11.422	1854820	20.0
Cycloeicosane	13.904	3.9	ng	327627	5	14.063	1686590	20.0