

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140126.D
 Acq On : 29 Oct 2024 21:39
 Operator : RC/JU
 Sample : P4561-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-19

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-BF101824.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	10	18	27	rVB	1033738	1700874	60.60%	8.548%
2	5.510	574	581	586	rBV	1735325	2384089	84.94%	11.981%
3	6.510	745	751	756	rBV	1749054	2441554	86.99%	12.270%
4	6.887	810	815	820	rBV	632018	776144	27.65%	3.900%
5	7.445	904	910	915	rBV	1247864	1644938	58.61%	8.266%
6	7.698	949	953	965	rVB	65821	80994	2.89%	0.407%
7	8.169	1027	1033	1038	rBV	823330	1008670	35.94%	5.069%
8	9.245	1210	1216	1221	rBV	2175010	2806735	100.00%	14.105%
9	9.922	1326	1331	1345	rVB	820333	1056040	37.63%	5.307%
10	10.633	1447	1452	1460	rBV	256204	322529	11.49%	1.621%
11	10.710	1460	1465	1482	rVV	979463	1248454	44.48%	6.274%
12	11.410	1579	1584	1591	rBV	674079	835921	29.78%	4.201%
13	11.933	1668	1673	1689	rBV2	134079	227490	8.11%	1.143%
14	12.998	1848	1854	1859	rBV	1433246	1862764	66.37%	9.361%
15	13.892	2001	2006	2023	rBV	53899	130285	4.64%	0.655%
16	14.051	2028	2033	2046	rVV	524420	693259	24.70%	3.484%
17	14.821	2160	2164	2172	rBV5	16269	37731	1.34%	0.190%
18	15.539	2280	2286	2297	rBV	385828	640407	22.82%	3.218%

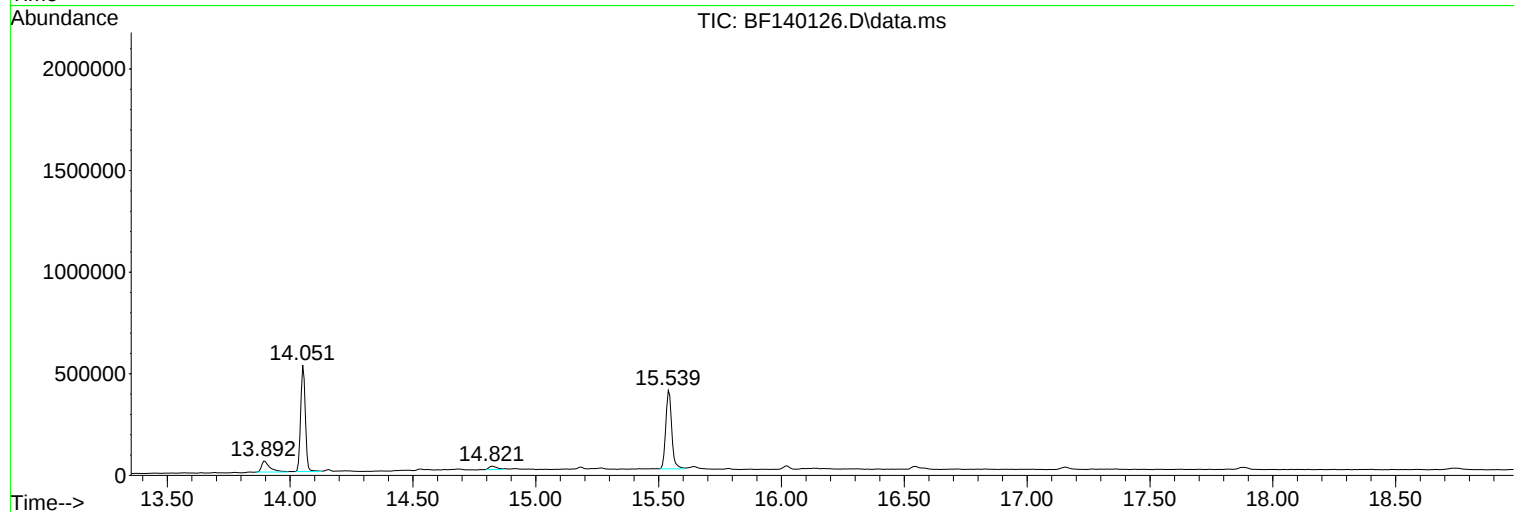
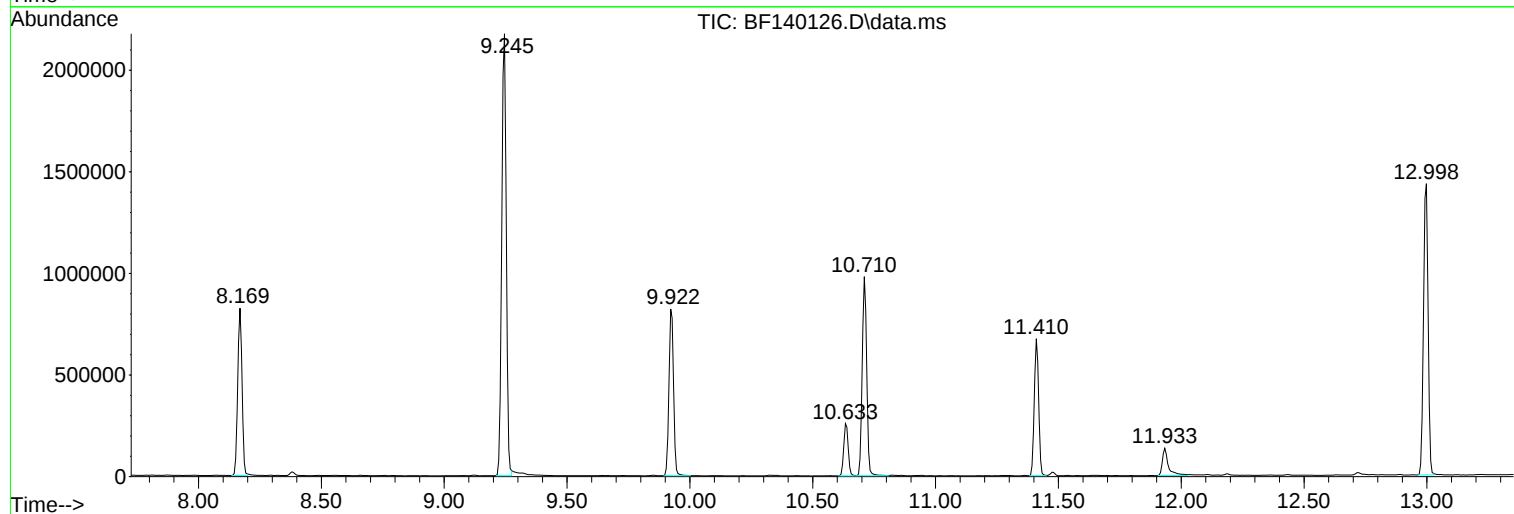
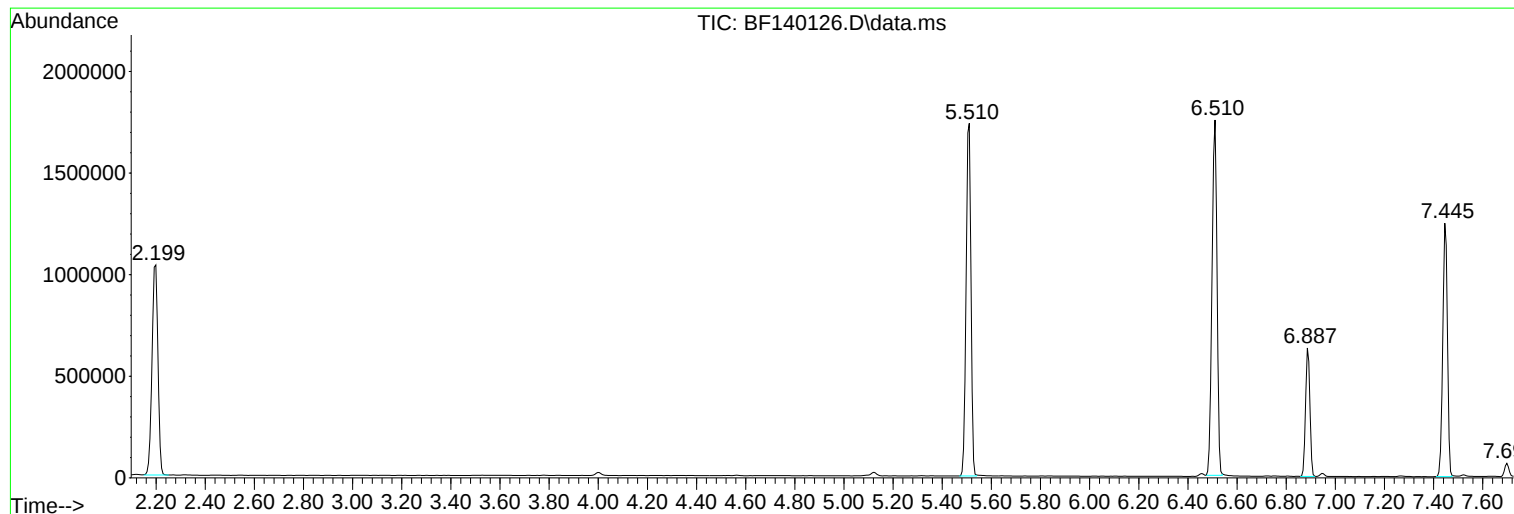
Sum of corrected areas: 19898878

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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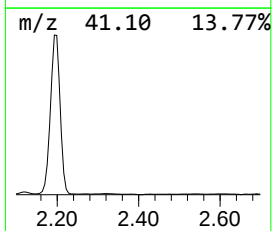
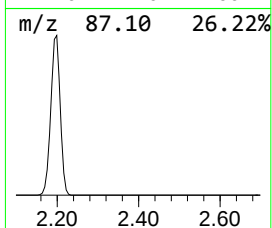
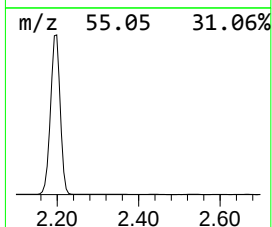
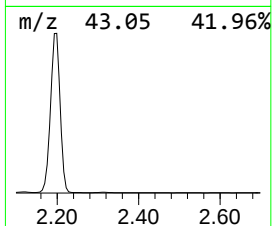
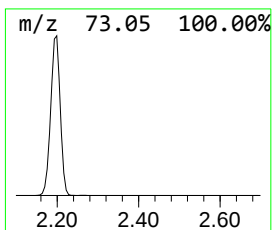
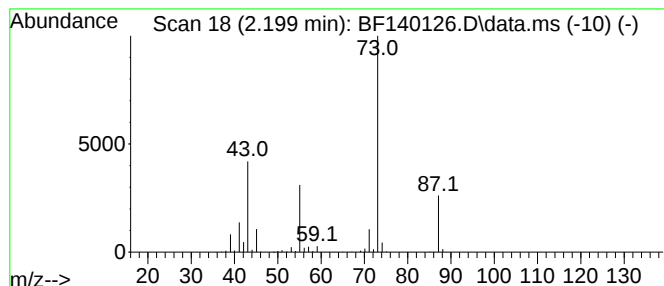
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	43.83 ng	1700870	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17



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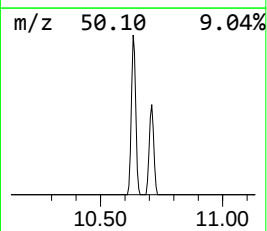
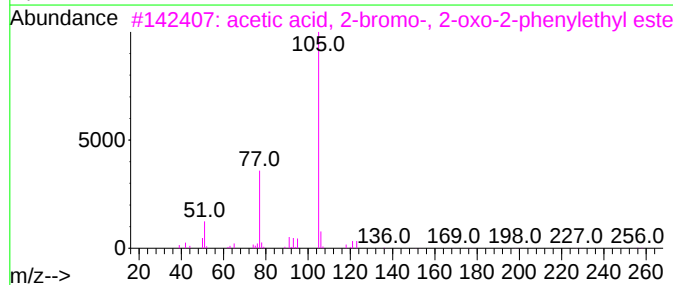
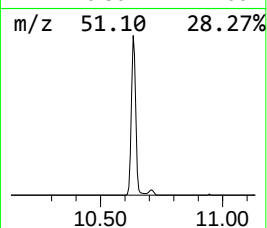
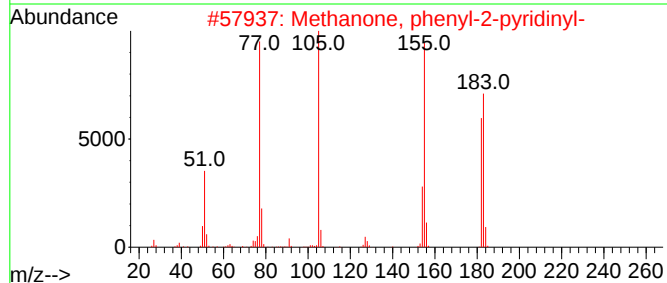
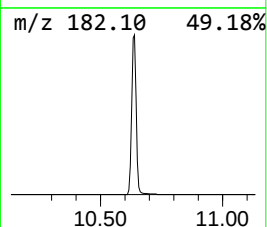
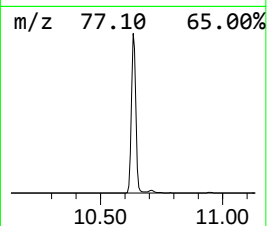
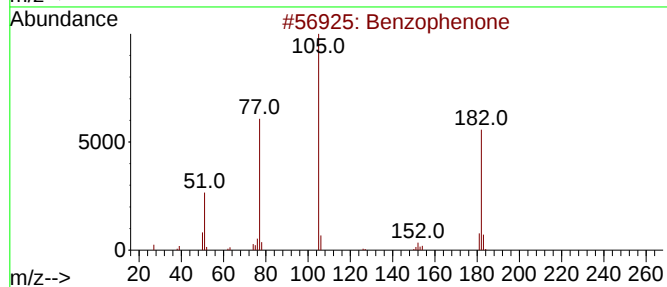
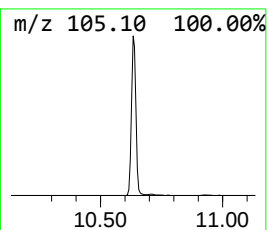
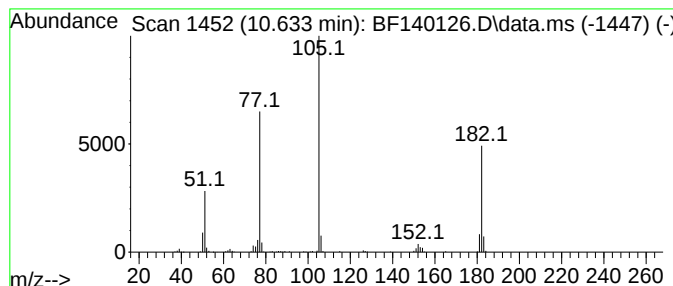
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	6.11 ng	322529	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	78
3			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	50
4			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	50
5			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	50



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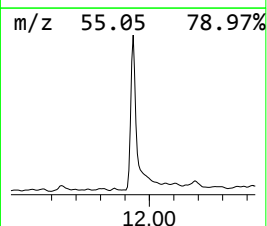
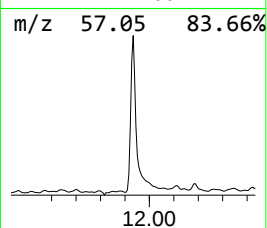
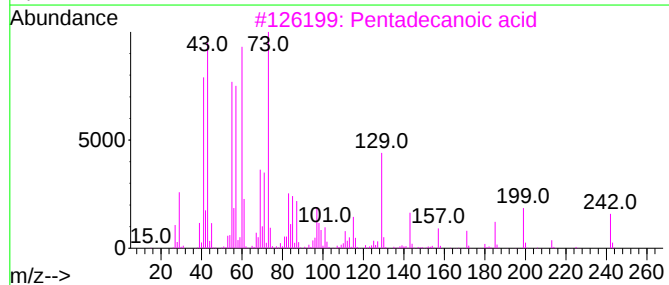
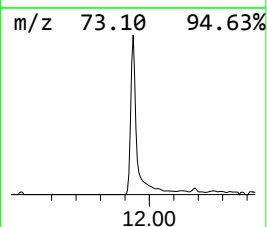
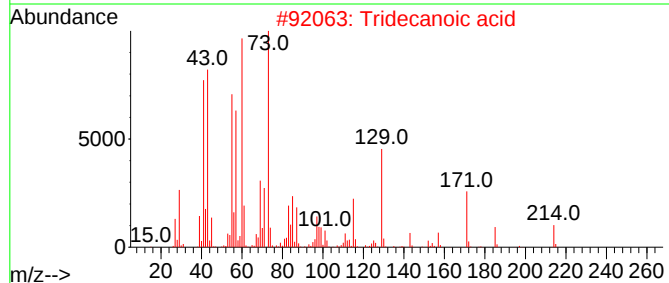
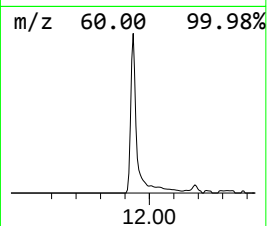
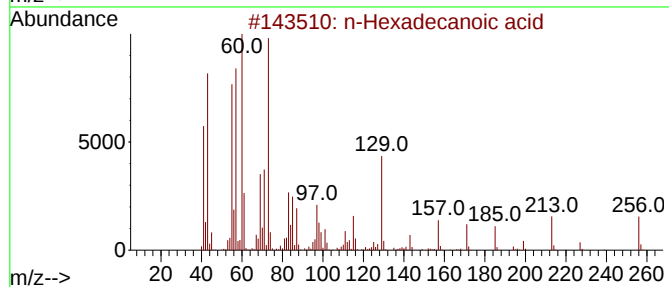
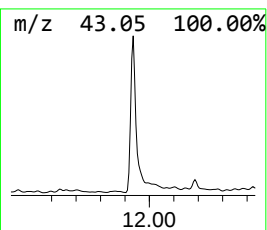
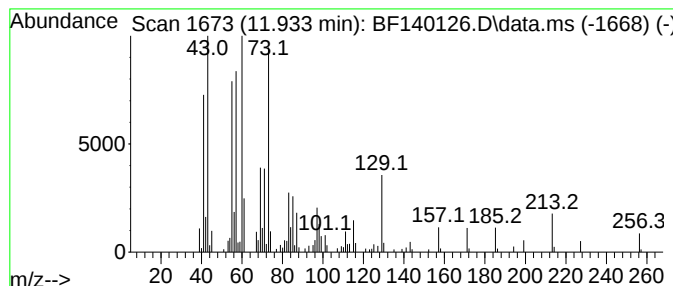
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.44 ng	227490	Phenanthrene-d10	11.410

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	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78



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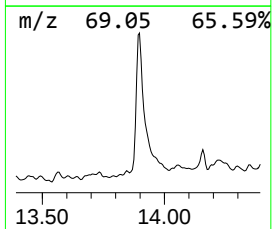
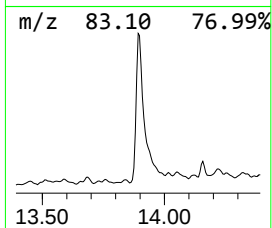
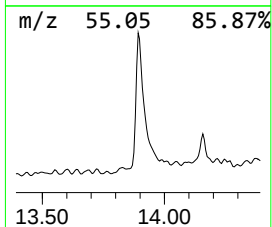
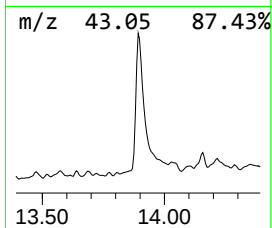
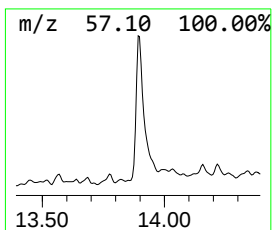
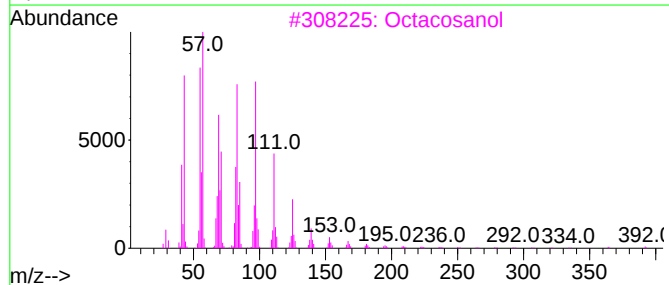
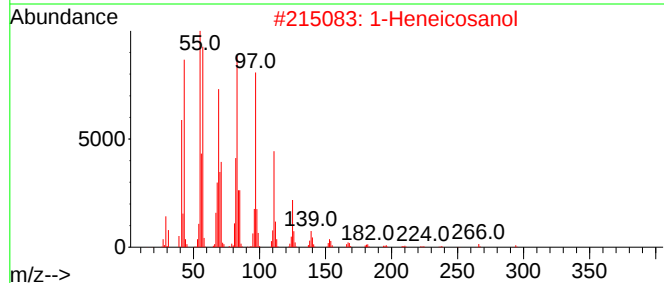
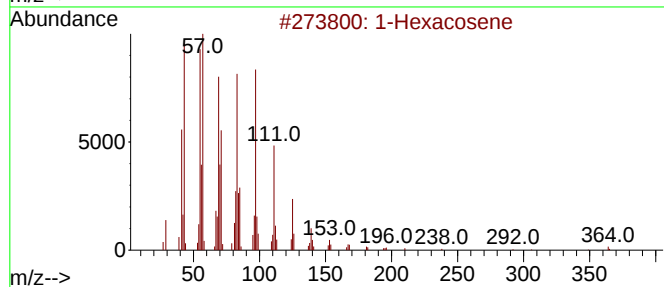
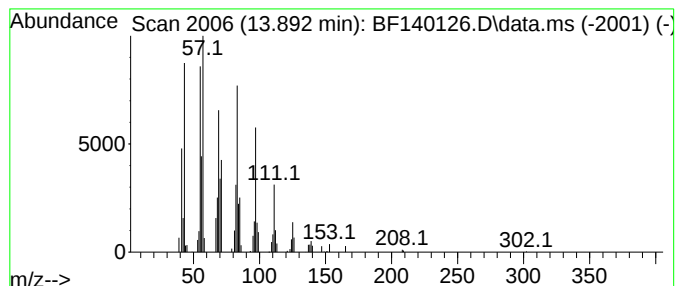
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Peak Number 4 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.76 ng	130285	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94		
2	1-Heneicosanol	312	C21H44O	015594-90-8	94		
3	Octacosanol	410	C28H58O	000557-61-9	94		
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	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
Butane, 2-metho...	2.199	43.8	ng	1700870	1	6.887	776144	20.0
Benzophenone	10.633	6.1	ng	322529	3	9.922	1056040	20.0
n-Hexadecanoic ...	11.933	5.4	ng	227490	4	11.410	835921	20.0
1-Hexacosene	13.892	3.8	ng	130285	5	14.051	693259	20.0