

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092420\
 Data File : BF121691.D
 Acq On : 24 Sep 2020 19:56
 Operator : JU/CG
 Sample : L4133-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW4S

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-BF091020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.516	408	413	422	rBV	853638	948823	13.99%	2.770%
2	5.428	564	568	586	rBV	1969063	2025057	29.87%	5.913%
3	6.440	736	740	753	rBV	1477003	1354071	19.97%	3.954%
4	6.804	799	802	806	rBV	1036117	896395	13.22%	2.617%
5	6.869	810	813	825	rBV	917978	838409	12.37%	2.448%
6	7.375	893	899	902	rBV	2924636	2970738	43.81%	8.674%
7	8.092	1017	1021	1035	rVB	1249955	1209143	17.83%	3.531%
8	9.169	1198	1204	1207	rBV	4919600	4772157	70.38%	13.934%
9	9.563	1267	1271	1274	rBV	81692	75533	1.11%	0.221%
10	9.845	1314	1319	1327	rBV	1634151	1442183	21.27%	4.211%
11	10.639	1449	1454	1457	rBV	3460562	3419107	50.43%	9.983%
12	11.328	1567	1571	1579	rBV	1668064	1573634	23.21%	4.595%
13	11.869	1658	1663	1672	rBV	661549	723735	10.67%	2.113%
14	12.663	1792	1798	1818	rBV	1229001	1639302	24.18%	4.787%
15	12.922	1836	1842	1845	rBV	5817742	6780484	100.00%	19.798%
16	13.833	1992	1997	2013	rBV	196363	422733	6.23%	1.234%
17	13.969	2015	2020	2031	rVB	1749253	1642983	24.23%	4.797%
18	14.816	2160	2164	2167	rVB	106921	111941	1.65%	0.327%
19	15.415	2260	2266	2279	rVB	1035135	1401245	20.67%	4.092%

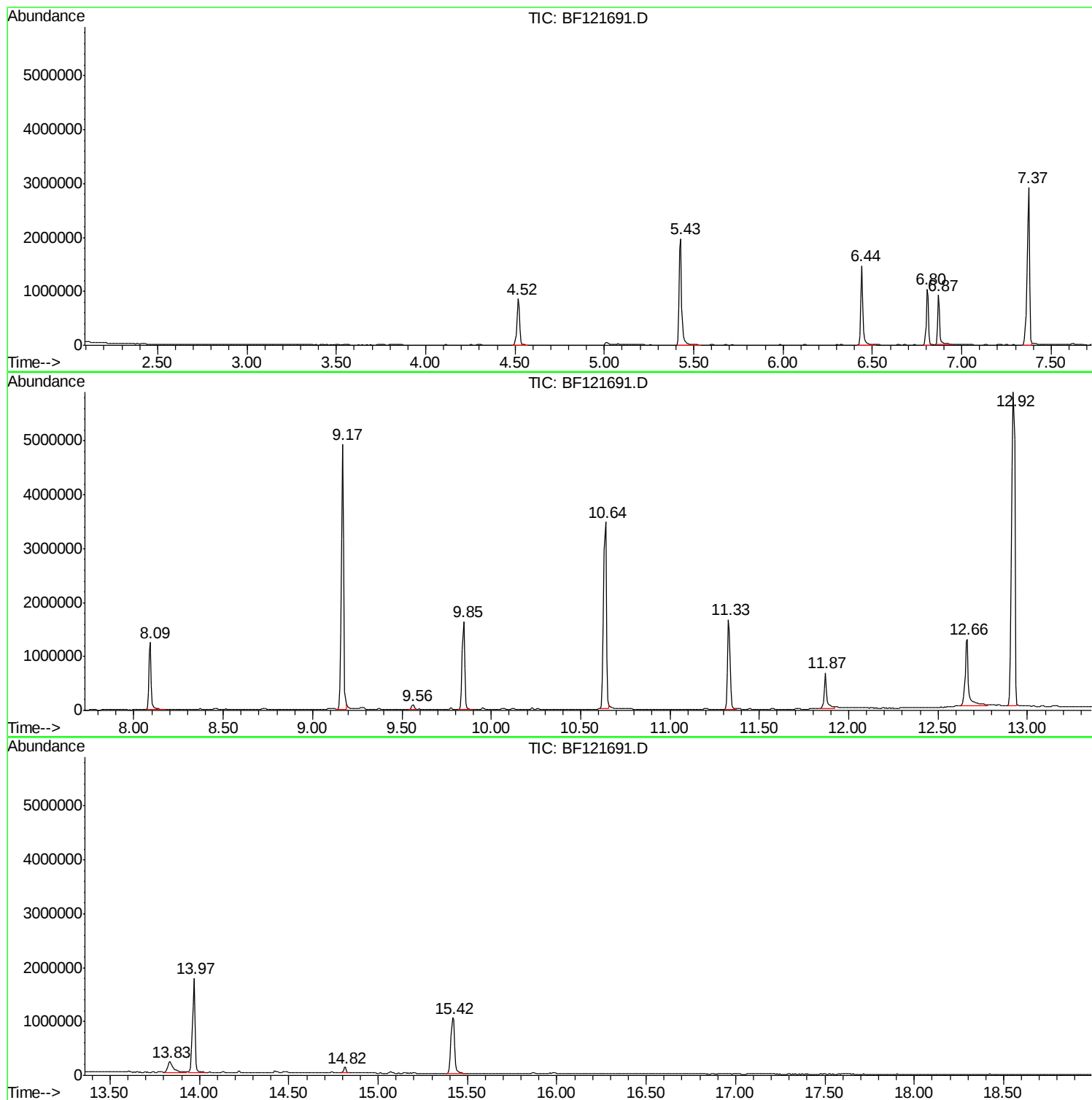
Sum of corrected areas: 34247673

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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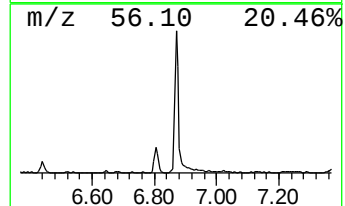
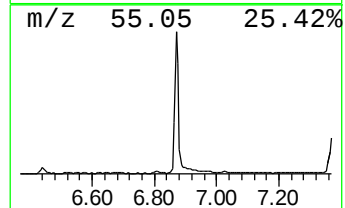
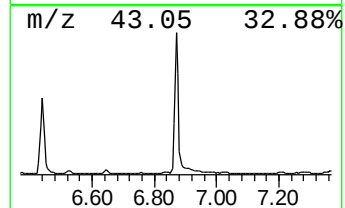
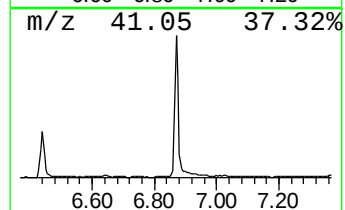
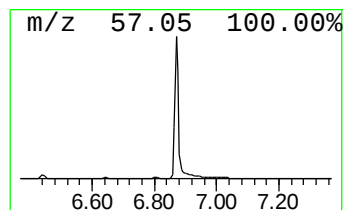
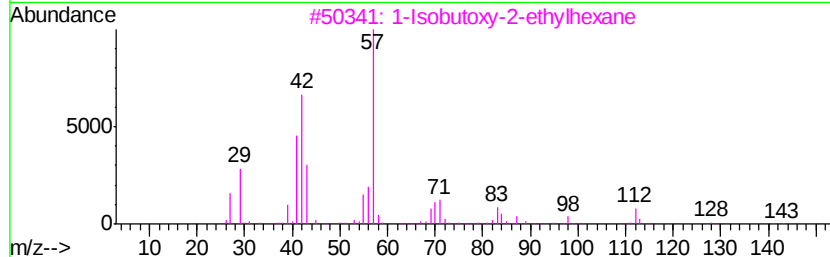
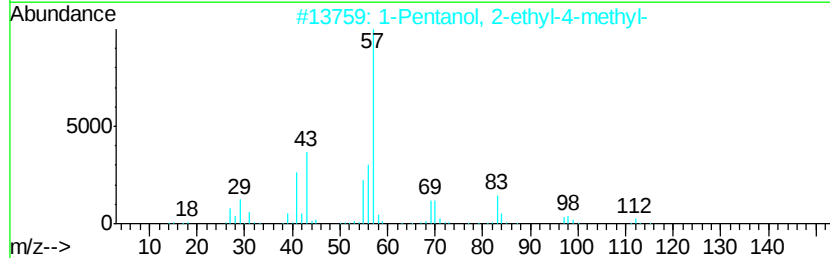
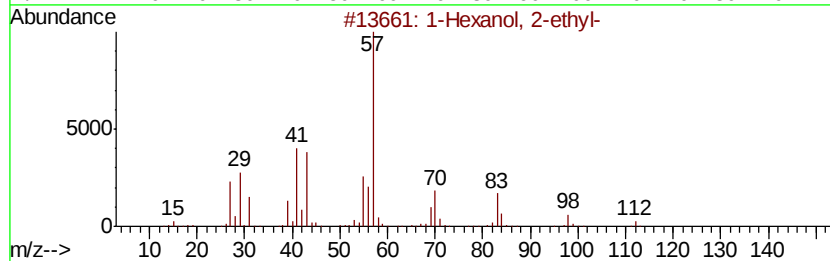
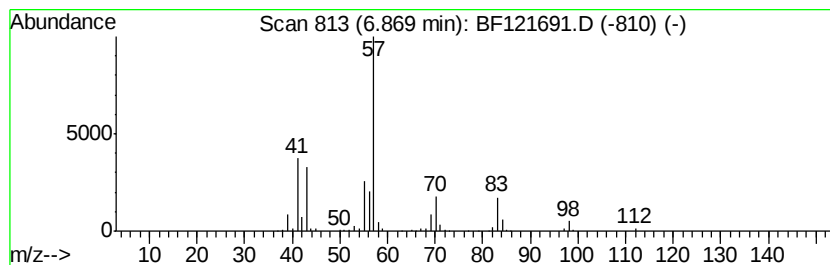
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	18.71 ng	838409	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
3			1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
4			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	45
5			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45



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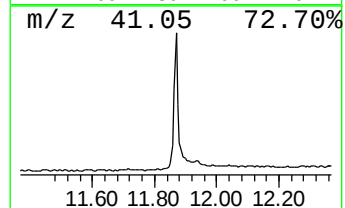
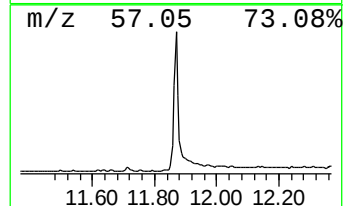
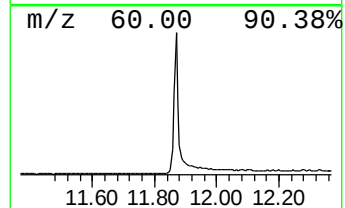
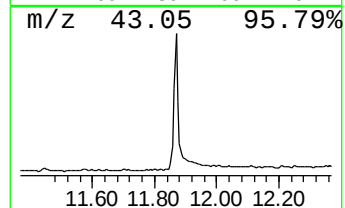
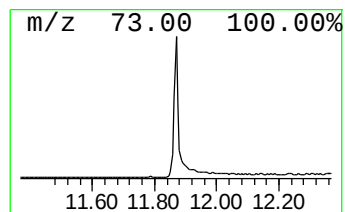
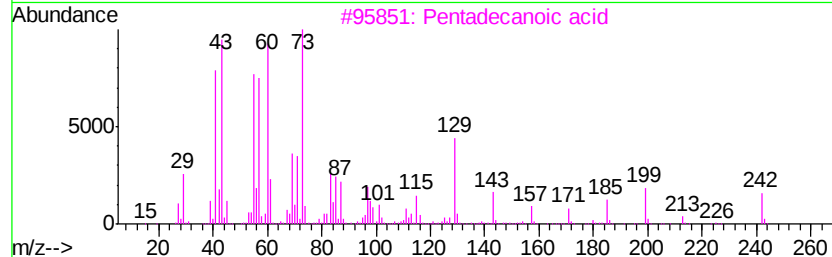
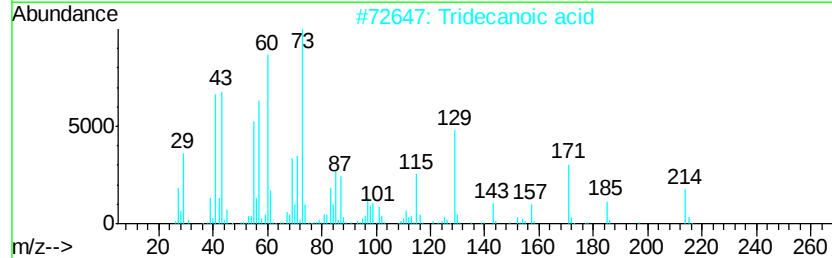
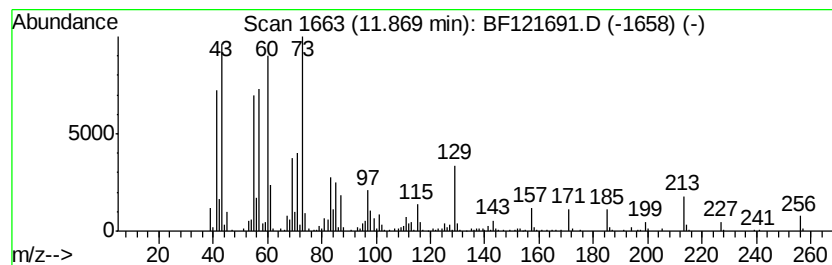
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	9.20 ng	723735	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



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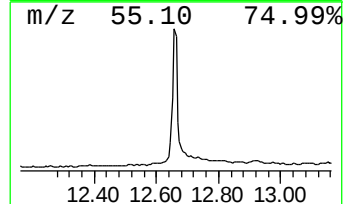
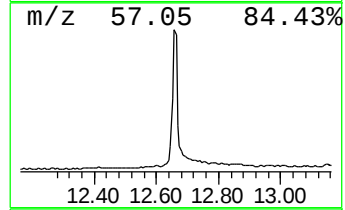
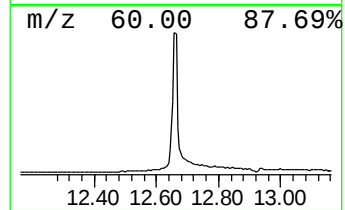
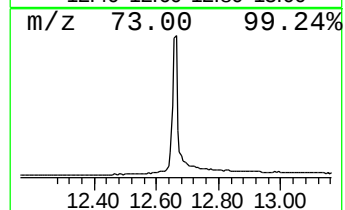
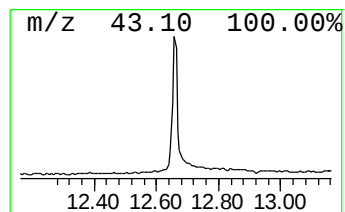
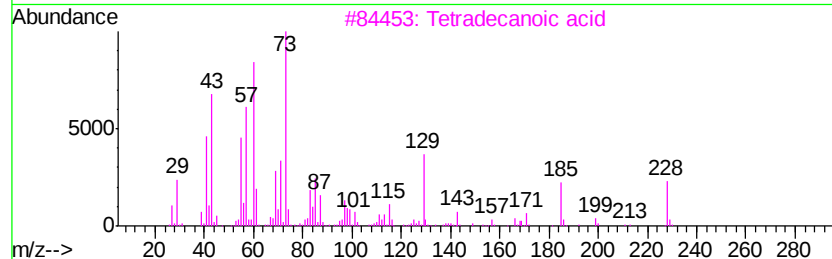
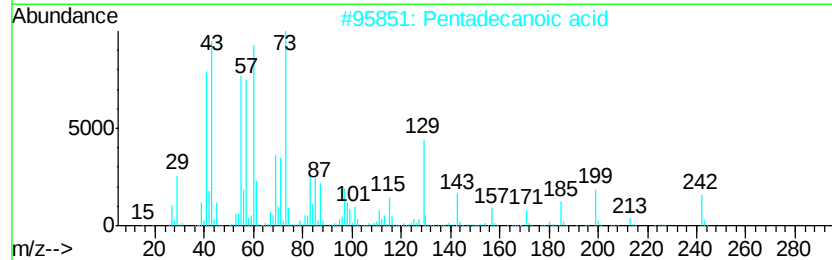
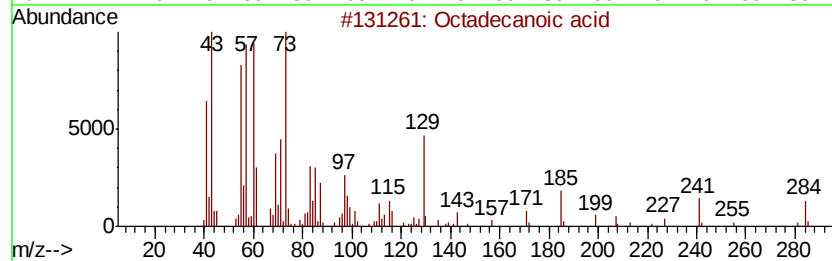
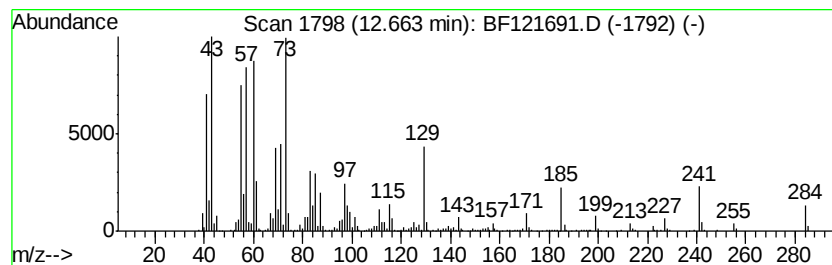
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Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	19.96 ng	1639300	Chrysene-d12	13.97

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	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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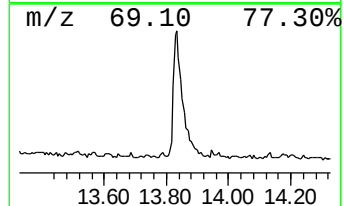
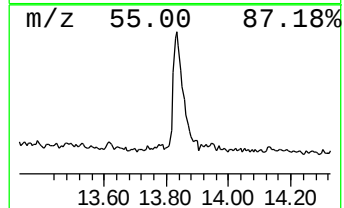
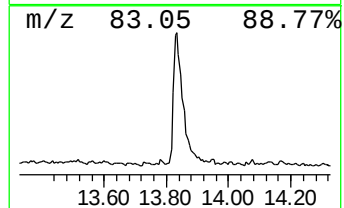
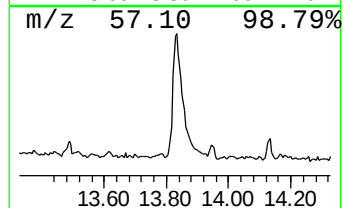
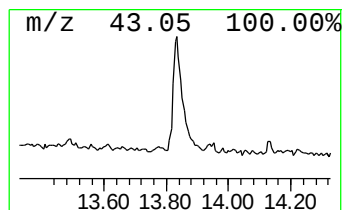
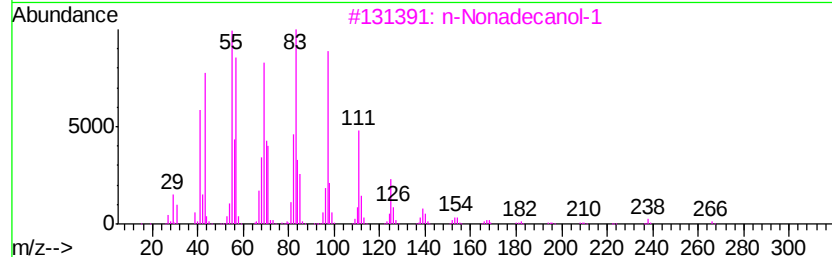
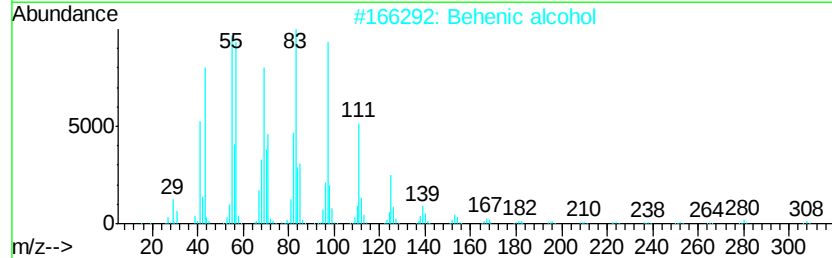
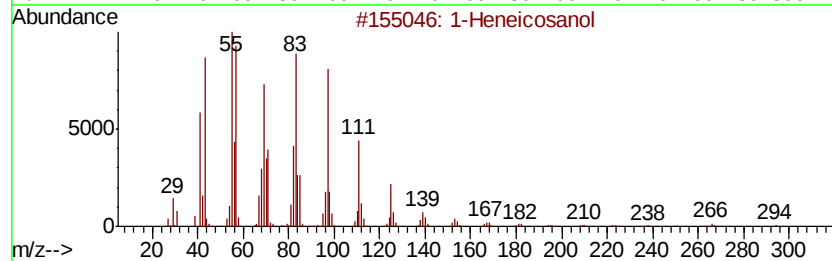
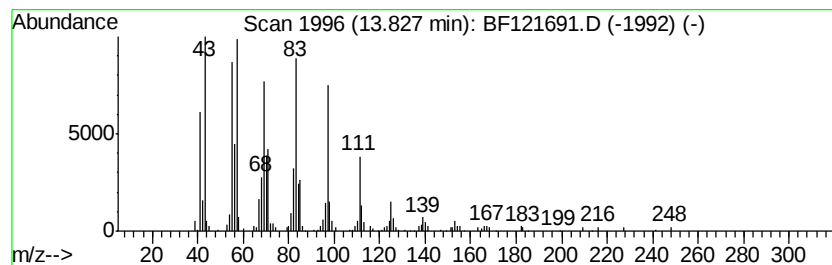
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Peak Number 5 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.83	5.15 ng	422733	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	6.87	18.7	ng	838409	1	6.80	896395	20.0
n-Hexadecanoic acid	11.87	9.2	ng	723735	4	11.33	1573630	20.0
Octadecanoic acid	12.66	20.0	ng	1639300	5	13.97	1642980	20.0
1-Heneicosanol	13.83	5.2	ng	422733	5	13.97	1642980	20.0