

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022120\
 Data File : BF119011.D
 Acq On : 22 Feb 2020 00:08
 Operator : CG/JU
 Sample : L1626-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-051-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF022020.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	5.381	556	560	575	rBV	2735935	2616389	85.65%	9.667%
2	6.398	728	733	750	rBV	2564756	2560203	83.81%	9.459%
3	6.751	790	793	803	rBV	889456	835283	27.34%	3.086%
4	6.910	816	820	824	rBV	2619306	2351258	76.97%	8.687%
5	7.316	884	889	892	rBV	1877710	1618670	52.99%	5.980%
6	8.034	1007	1011	1028	rBV	1176324	1027468	33.64%	3.796%
7	9.110	1189	1194	1197	rBV	3639138	3054639	100.00%	11.286%
8	9.228	1212	1214	1218	rVB	39778	35377	1.16%	0.131%
9	9.504	1257	1261	1265	rVB	274509	229692	7.52%	0.849%
10	9.786	1305	1309	1313	rBV	1290131	1062910	34.80%	3.927%
11	10.575	1439	1443	1454	rBV	1979408	1800279	58.94%	6.651%
12	11.269	1557	1561	1563	rBV	1193455	1004708	32.89%	3.712%
13	11.292	1563	1565	1569	rVV	356786	291054	9.53%	1.075%
14	11.345	1569	1574	1578	rVB	91482	92903	3.04%	0.343%
15	11.504	1595	1601	1606	rBV2	33541	58217	1.91%	0.215%
16	11.769	1643	1646	1649	rBV	38038	42000	1.37%	0.155%
17	11.804	1649	1652	1655	rBV	173932	188723	6.18%	0.697%
18	11.880	1662	1665	1668	rBV	61788	62347	2.04%	0.230%
19	12.063	1692	1696	1699	rBV	27904	35568	1.16%	0.131%
20	12.322	1736	1740	1742	rBV	34084	38257	1.25%	0.141%
21	12.363	1744	1747	1752	rVB4	35168	47585	1.56%	0.176%
22	12.480	1763	1767	1771	rBV	556800	456506	14.94%	1.687%
23	12.586	1781	1785	1789	rBV2	46822	76118	2.49%	0.281%
24	12.710	1800	1806	1808	rBV	436728	445622	14.59%	1.646%
25	12.733	1808	1810	1819	rVB4	84800	115545	3.78%	0.427%
26	12.851	1826	1830	1834	rBV	3087137	2874052	94.09%	10.618%
27	12.927	1839	1843	1846	rBV2	33804	52054	1.70%	0.192%
28	13.039	1859	1862	1865	rVB	76681	76326	2.50%	0.282%
29	13.092	1868	1871	1872	rVV	46834	51952	1.70%	0.192%
30	13.139	1876	1879	1884	rBV2	43568	57509	1.88%	0.212%
31	13.263	1898	1900	1903	rBV	30758	34943	1.14%	0.129%
32	13.545	1946	1948	1953	rVB	36096	41213	1.35%	0.152%
33	13.757	1981	1984	1993	rBV	272079	388550	12.72%	1.436%
34	13.904	2004	2009	2012	rBV2	1112782	1273175	41.68%	4.704%

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Stop Thrs : 0 Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.933	2012	2014	2017	rVB	200975	162698	5.33%	0.601%
36	14.010	2025	2027	2030	rVB	45965	37149	1.22%	0.137%
37	14.374	2087	2089	2094	rBV2	86323	120788	3.95%	0.446%
38	14.674	2138	2140	2143	rVB	106218	86718	2.84%	0.320%
39	14.927	2180	2183	2191	rBV	216036	350965	11.49%	1.297%
40	14.998	2192	2195	2198	rVB2	113515	127100	4.16%	0.470%
41	15.274	2240	2242	2248	rVB	144632	176683	5.78%	0.653%
42	15.333	2248	2252	2261	rVB	660459	1007283	32.98%	3.722%

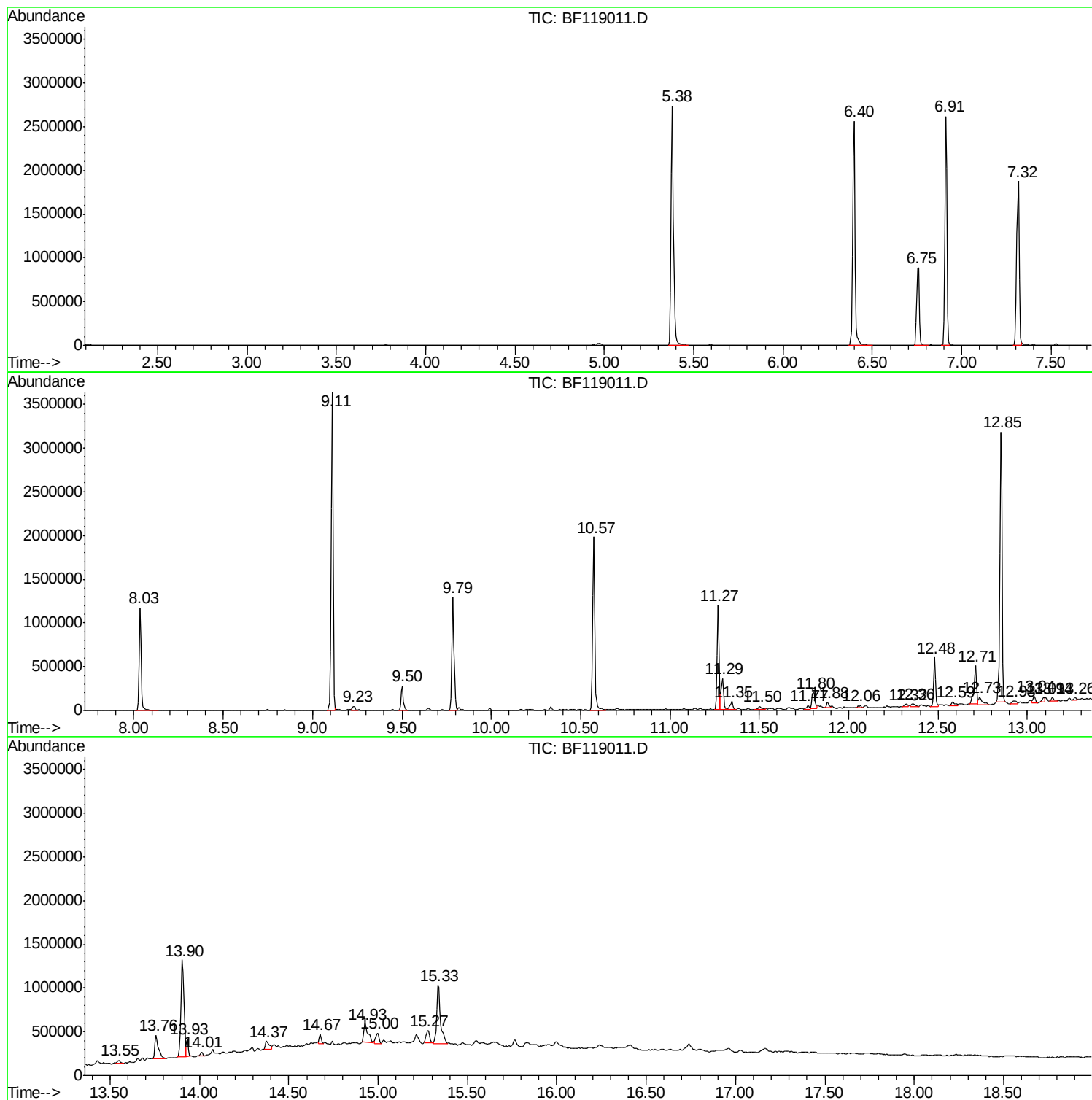
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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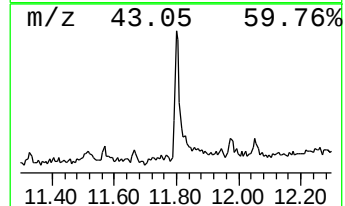
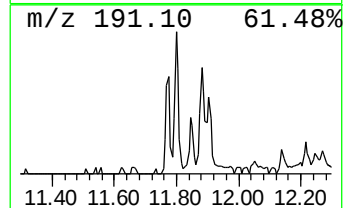
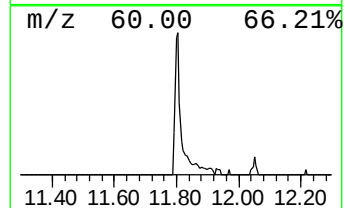
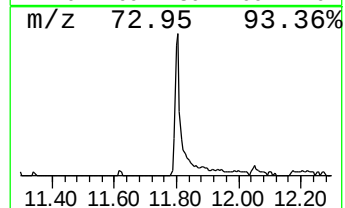
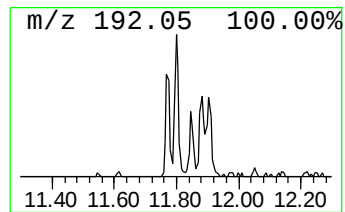
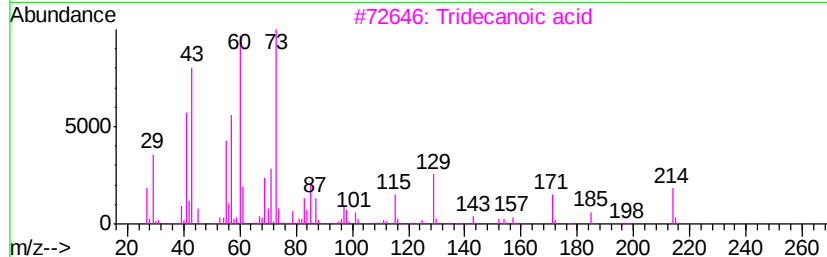
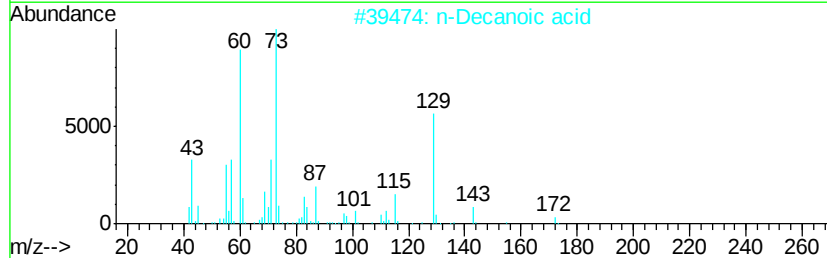
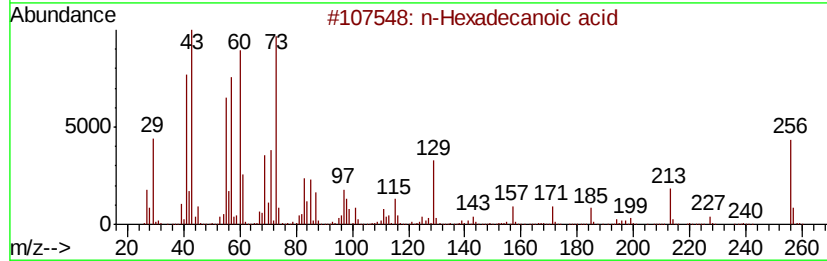
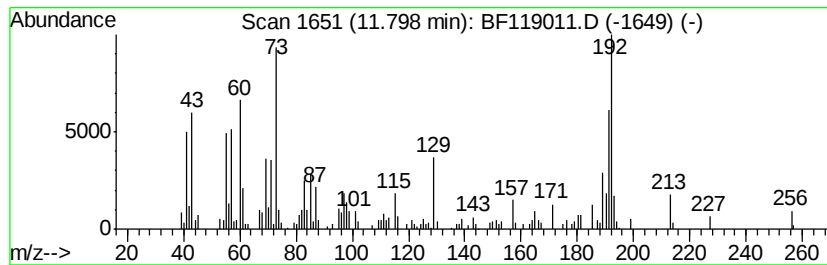
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	3.76 ng	188723	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Undecanoic acid	186	C11H22O2	000112-37-8	45



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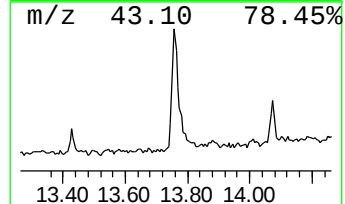
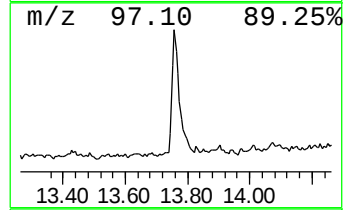
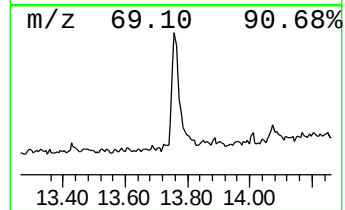
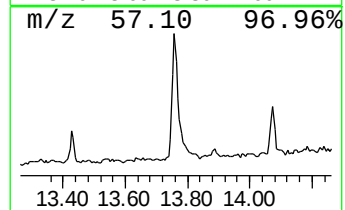
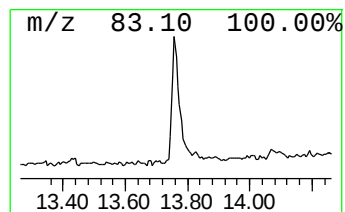
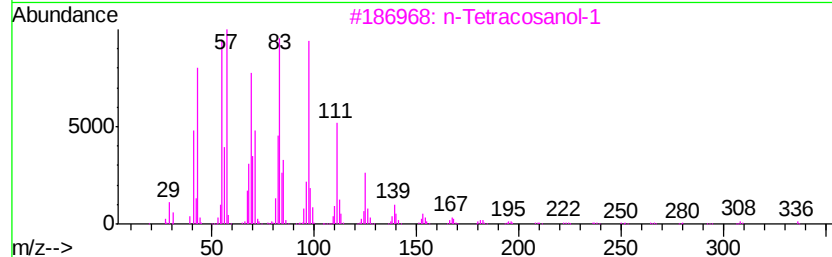
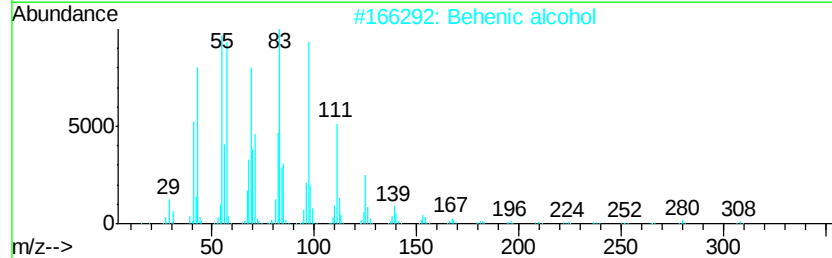
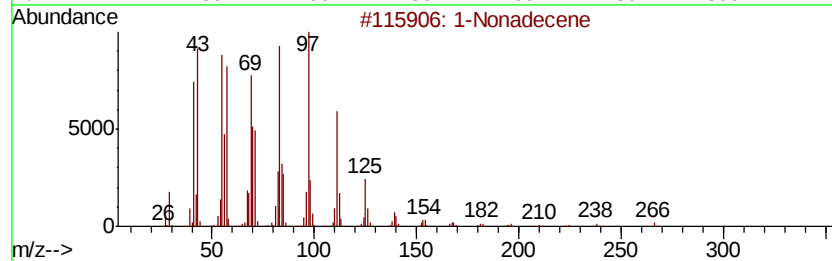
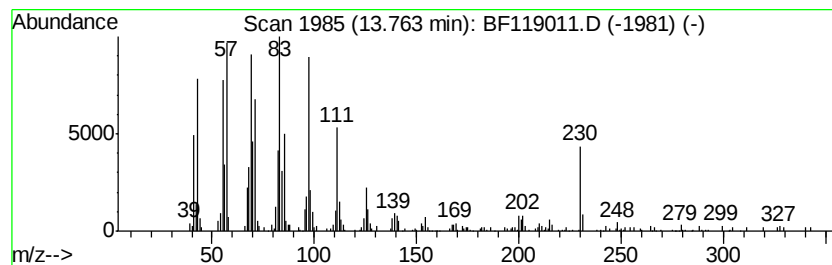
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Peak Number 3 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.10 ng	388550	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87



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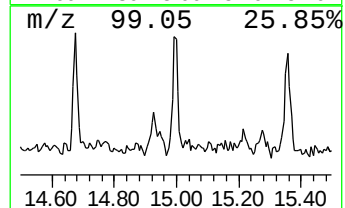
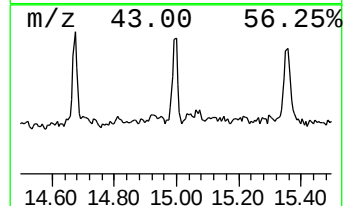
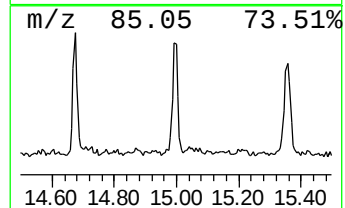
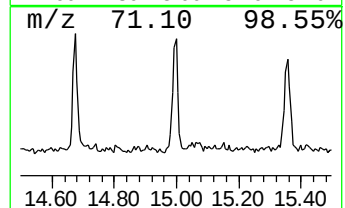
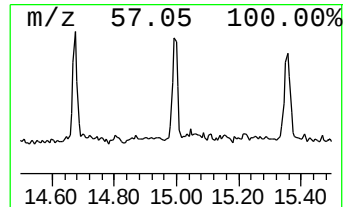
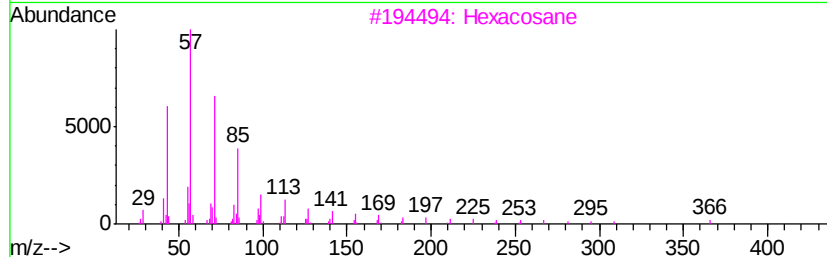
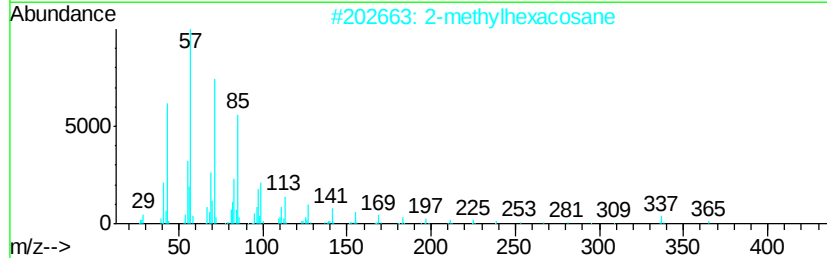
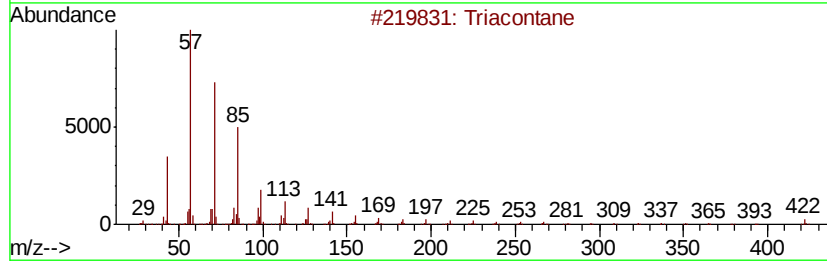
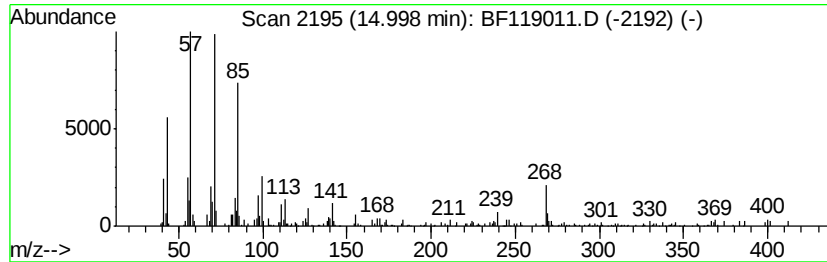
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Triacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.52 ng	127100	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	83
2		2-methylhexacosane	380	C27H56	1000376-72-7	83
3		Hexacosane	366	C26H54	000630-01-3	80
4		Heneicosane	296	C21H44	000629-94-7	80
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.80	3.8	ng	188723	4	11.27	1004710	20.0
1-Nonadecene	13.76	6.1	ng	388550	5	13.90	1273180	20.0
Triacontane	15.00	2.5	ng	127100	6	15.33	1007280	20.0