

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
 Data File : BF119858.D
 Acq On : 9 Apr 2020 7:11
 Operator : MA/SJ
 Sample : L2151-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-F

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-BF040820.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	5.375	554	559	562	rBV	3121732	2850813	35.38%	6.066%
2	6.392	727	732	735	rBV	2011137	1801662	22.36%	3.834%
3	6.763	791	795	799	rBV	1274461	1064946	13.22%	2.266%
4	6.922	817	822	826	rBV	4907314	4952314	61.46%	10.538%
5	7.333	885	892	895	rBV	3937339	4514268	56.02%	9.606%
6	8.051	1009	1014	1017	rBV	1633096	1481973	18.39%	3.153%
7	9.133	1192	1198	1201	rBV	7563662	7954690	98.71%	16.926%
8	9.522	1260	1264	1267	rBV	505908	395294	4.91%	0.841%
9	9.810	1307	1313	1316	rBV	1968663	1880465	23.34%	4.001%
10	10.604	1441	1448	1451	rBV	5140474	5537636	68.72%	11.783%
11	11.292	1560	1565	1569	rBV	2093658	1807506	22.43%	3.846%
12	11.827	1652	1656	1660	rBV	614615	547448	6.79%	1.165%
13	12.616	1786	1790	1795	rBV	325055	346400	4.30%	0.737%
14	12.892	1831	1837	1840	rBV	7144458	8058373	100.00%	17.147%
15	13.363	1915	1917	1922	rVB	114079	110382	1.37%	0.235%
16	13.792	1987	1990	2001	rVB	288828	379323	4.71%	0.807%
17	13.933	2010	2014	2018	rBV	1603800	1435217	17.81%	3.054%
18	14.110	2040	2044	2047	rBV	86843	82425	1.02%	0.175%
19	14.410	2092	2095	2098	rBV	114988	116307	1.44%	0.247%
20	14.715	2143	2147	2151	rVB	127184	133626	1.66%	0.284%
21	14.786	2155	2159	2164	rVB	93389	88621	1.10%	0.189%
22	15.039	2198	2202	2208	rBV	130553	143137	1.78%	0.305%
23	15.368	2253	2258	2262	rBV	869066	1083847	13.45%	2.306%
24	15.409	2262	2265	2270	rVB2	97062	130377	1.62%	0.277%
25	15.833	2332	2337	2342	rBV2	68242	98942	1.23%	0.211%

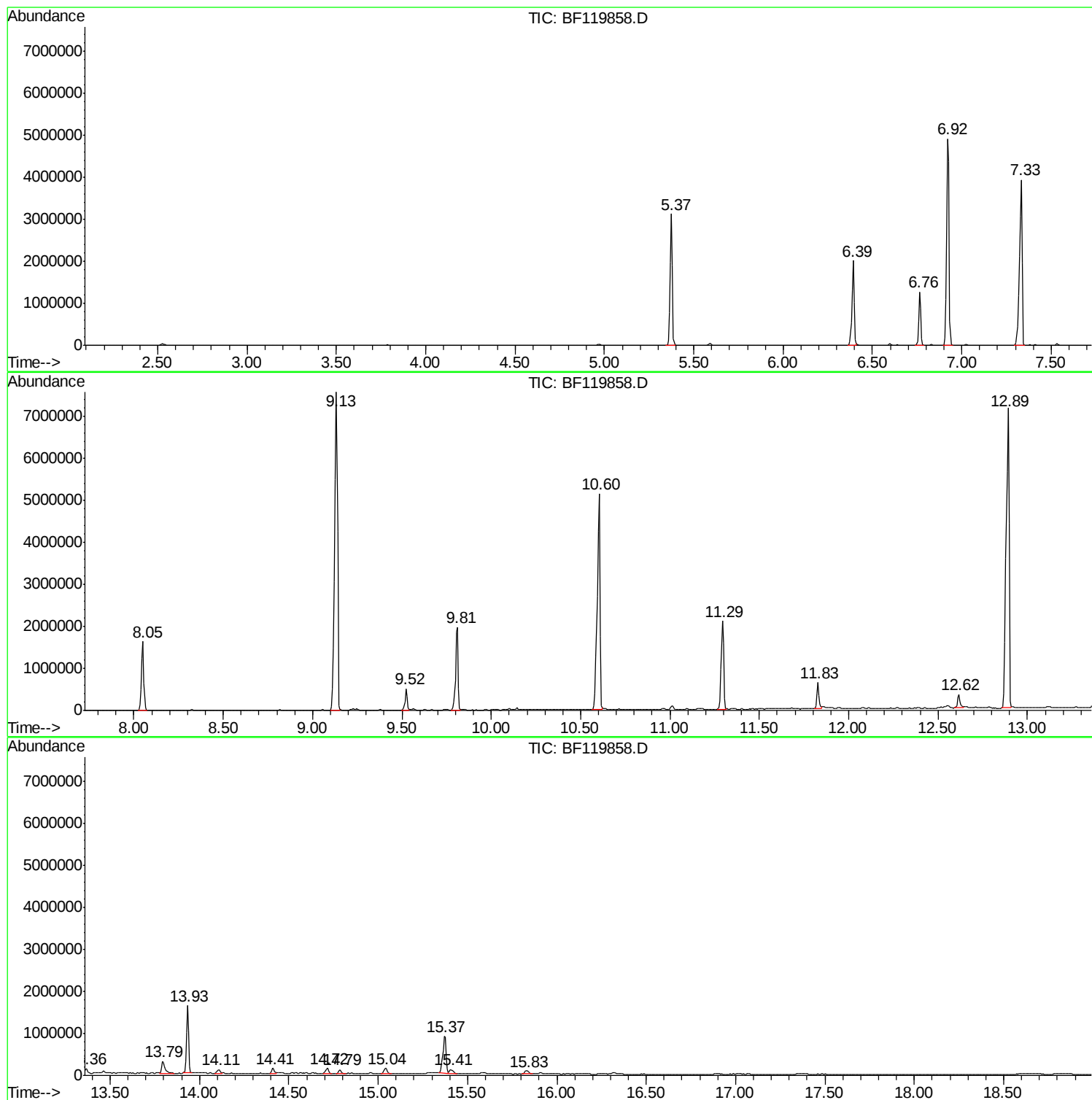
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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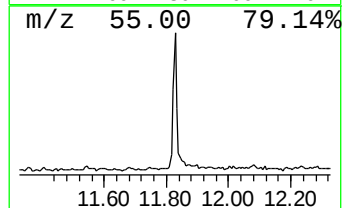
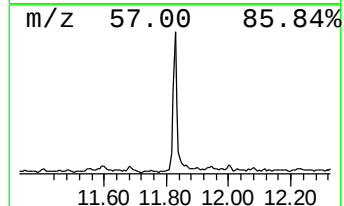
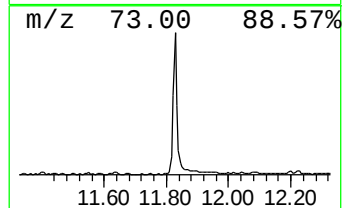
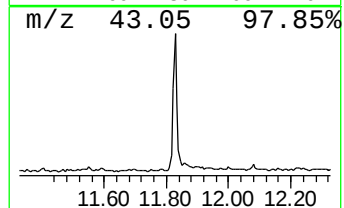
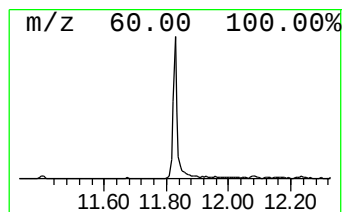
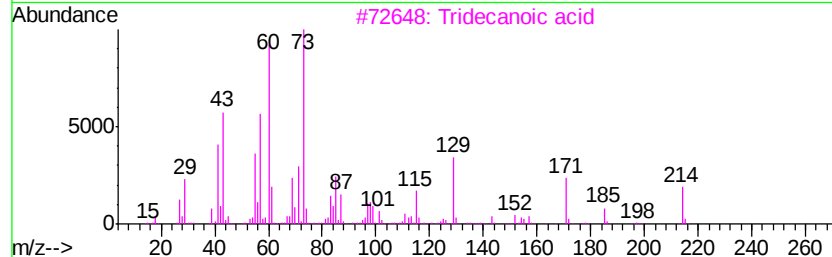
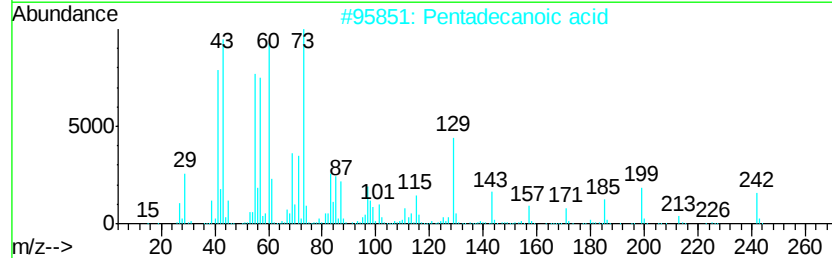
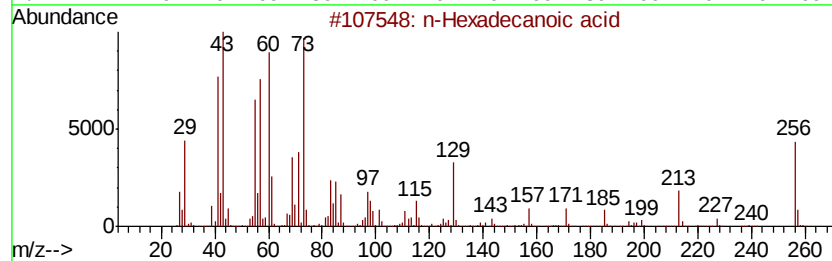
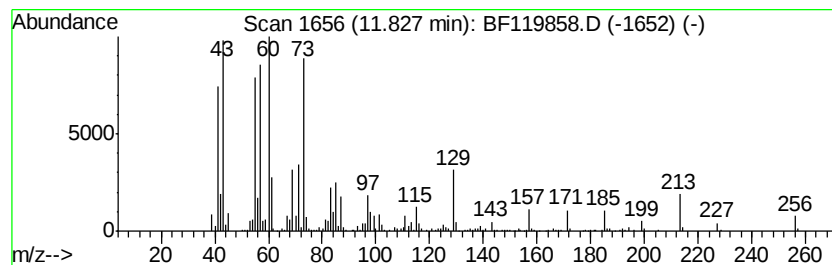
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	6.06 ng	547448	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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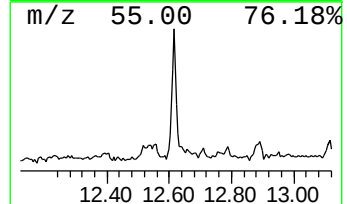
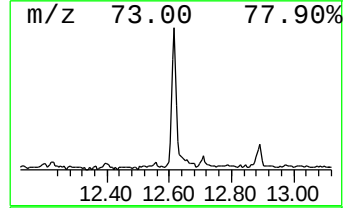
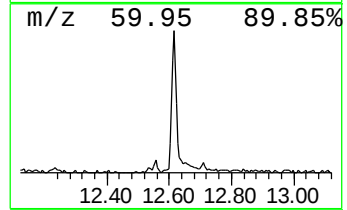
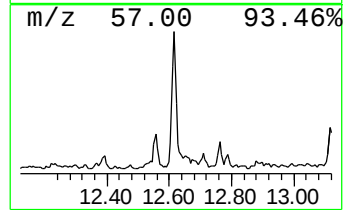
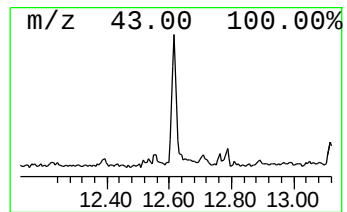
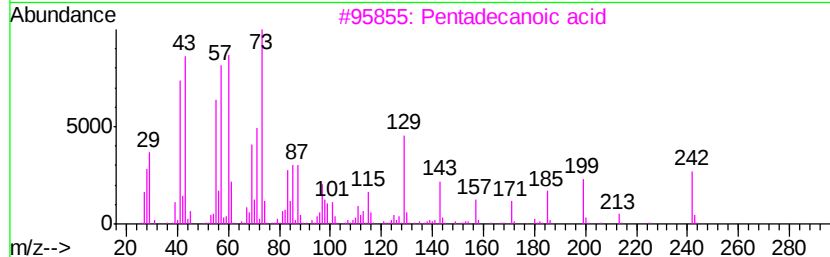
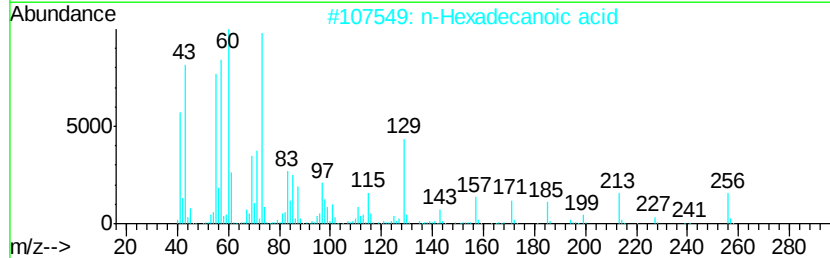
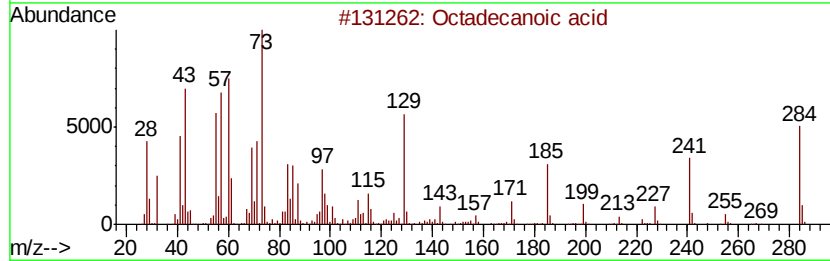
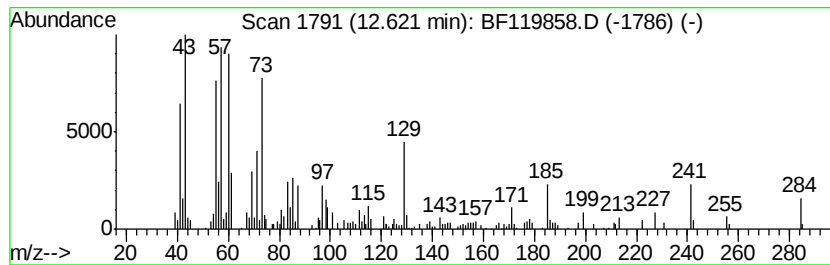
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.62	4.83 ng	346400	Chrysene-d12	13.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	64



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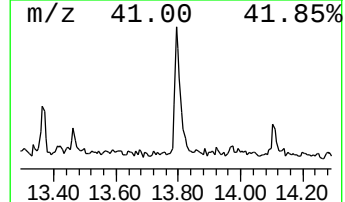
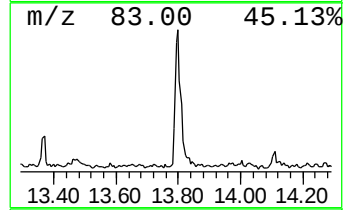
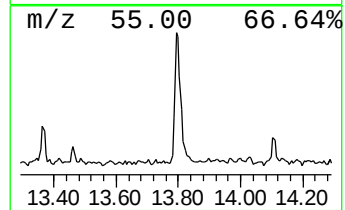
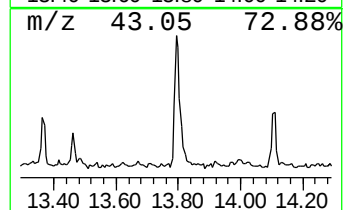
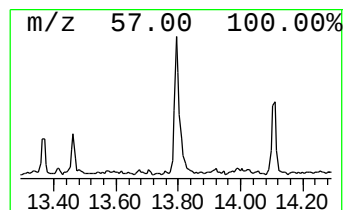
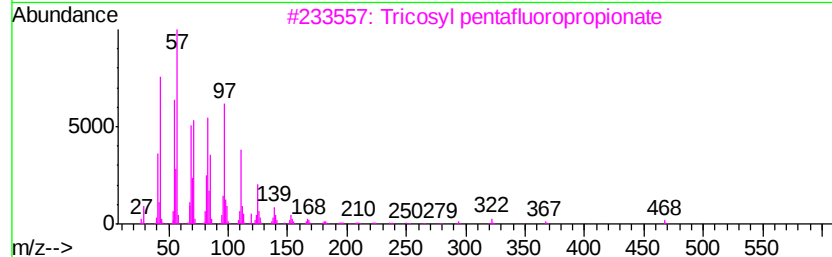
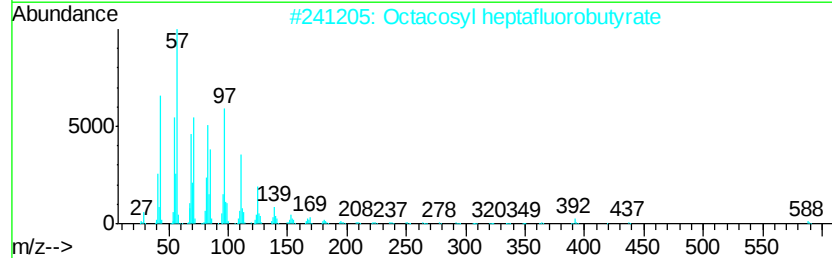
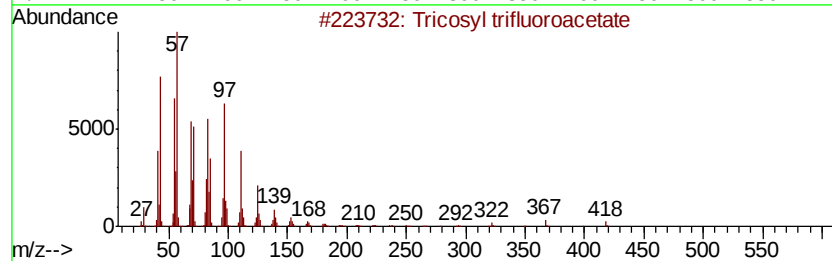
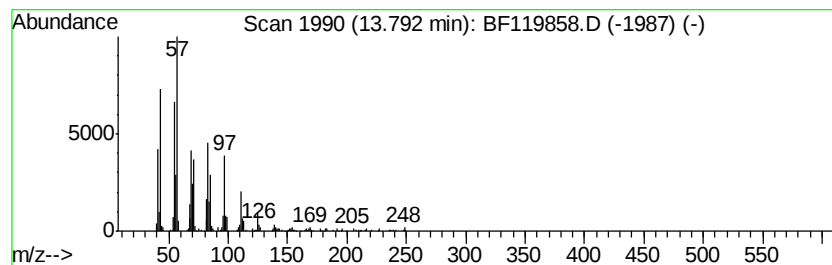
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tricosyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.29 ng	379323	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
2		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
4		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
5		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91



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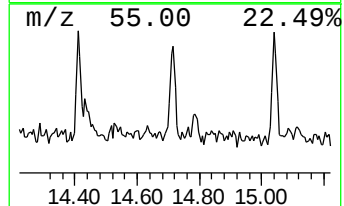
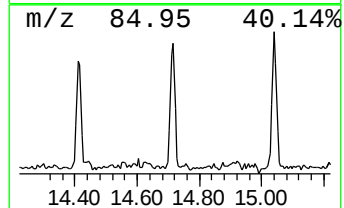
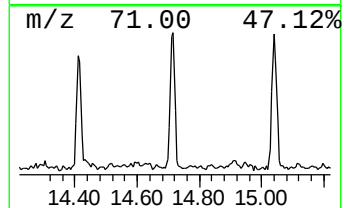
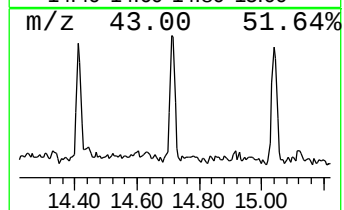
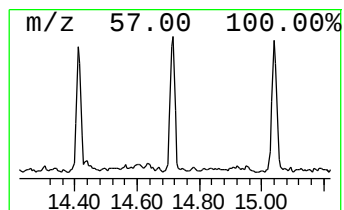
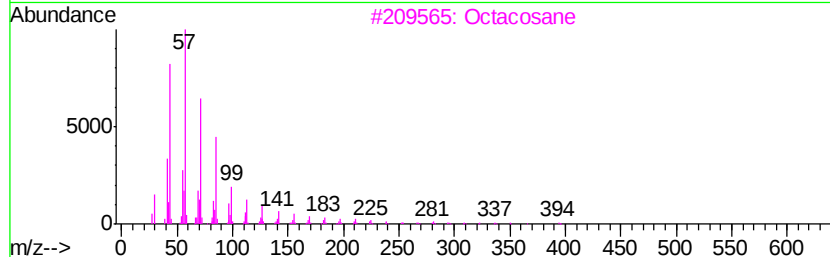
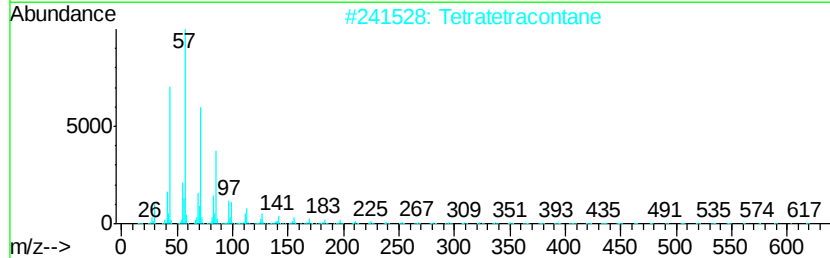
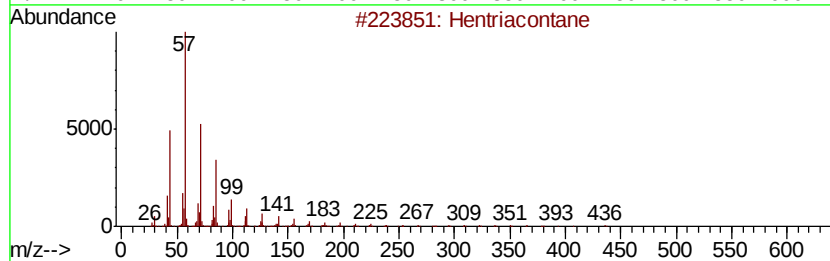
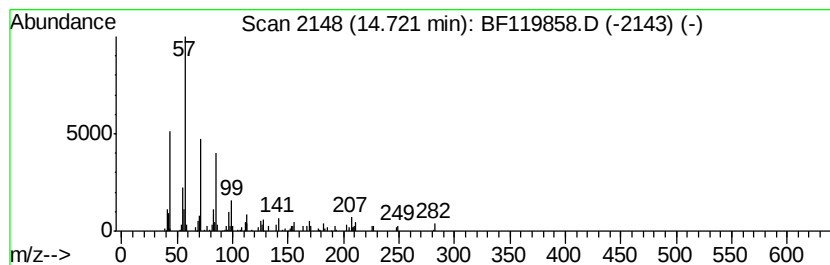
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Peak Number 5 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.47 ng	133626	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	90
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87
5	Octadecane		254	C18H38	000593-45-3	86



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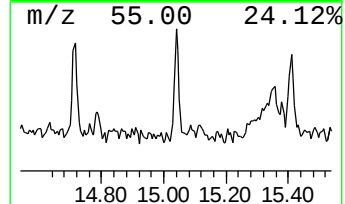
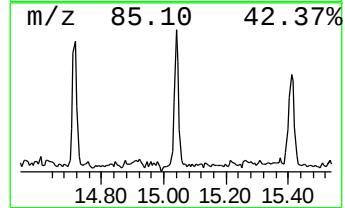
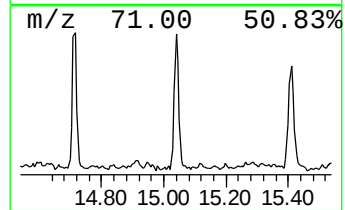
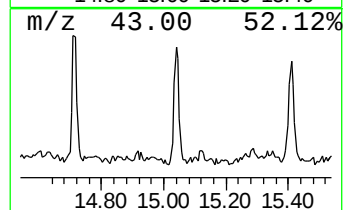
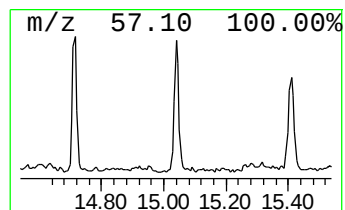
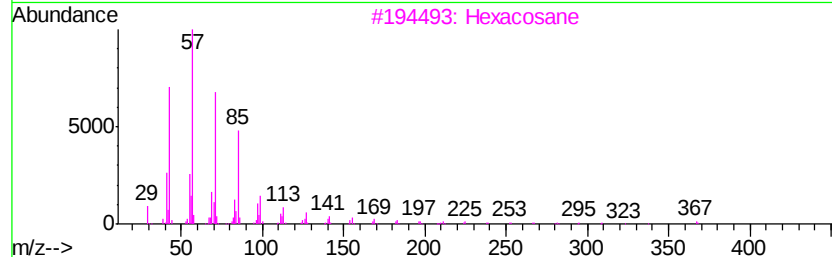
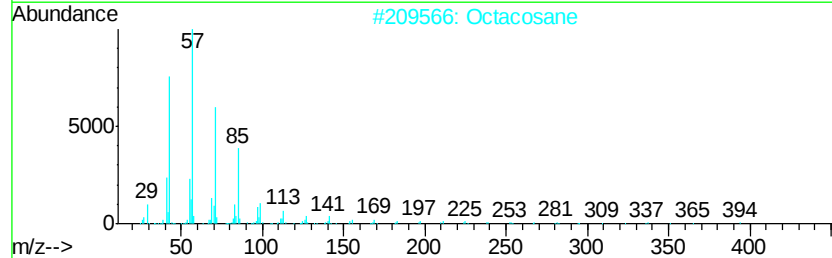
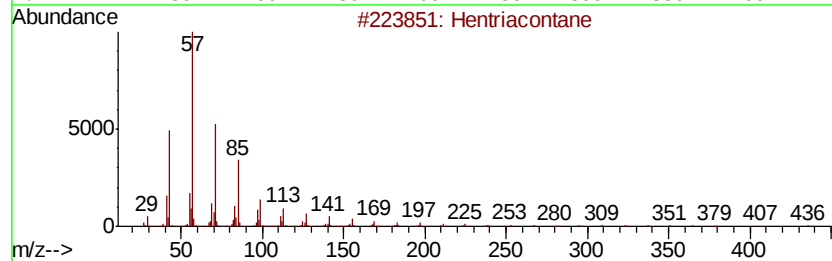
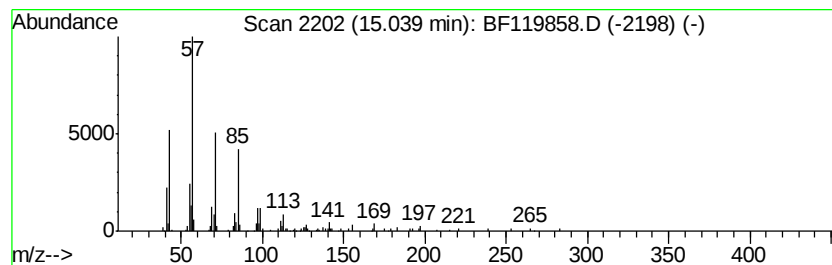
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.64 ng	143137	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hentriacontane	437	C31H64	000630-04-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	87
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5		Tritetracontane	605	C43H88	007098-21-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.83	6.1 ng		547448	4	11.29	1807510	20.0
Octadecanoic acid	12.62	4.8 ng		346400	5	13.93	1435220	20.0
Tricosyl trifluor...	13.79	5.3 ng		379323	5	13.93	1435220	20.0
Hentriacontane	14.72	2.5 ng		133626	6	15.37	1083850	20.0
Octacosane	15.04	2.6 ng		143137	6	15.37	1083850	20.0