

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123267.D
 Acq On : 22 Feb 2021 19:48
 Operator : JU/CG
 Sample : M1452-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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-BF021921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123267.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	12	rVB	421495	434288	11.04%	1.612%
2	5.075	504	508	515	rVB	33710	42049	1.07%	0.156%
3	5.481	572	577	580	rBV	3128041	2847794	72.39%	10.571%
4	6.493	743	749	757	rBV	2720266	3035201	77.16%	11.266%
5	6.857	807	811	814	rBV	882122	736931	18.73%	2.735%
6	7.416	901	906	909	rBV	2046850	1888917	48.02%	7.011%
7	8.139	1025	1029	1032	rBV	1229555	987591	25.11%	3.666%
8	9.216	1207	1212	1215	rBV	3592337	3093517	78.64%	11.483%
9	9.610	1276	1279	1283	rBV	94216	72686	1.85%	0.270%
10	9.898	1324	1328	1331	rBV	1416879	1144173	29.09%	4.247%
11	10.686	1458	1462	1472	rBV	2388405	2437641	61.97%	9.048%
12	11.239	1551	1556	1562	rBV4	24777	40521	1.03%	0.150%
13	11.386	1577	1581	1585	rBV	1633769	1448458	36.82%	5.376%
14	11.922	1668	1672	1684	rBV2	424650	549387	13.97%	2.039%
15	12.010	1684	1687	1696	rVB6	24428	43647	1.11%	0.162%
16	12.210	1718	1721	1725	rVB	40841	42682	1.09%	0.158%
17	12.369	1745	1748	1752	rBV	285695	231484	5.88%	0.859%
18	12.604	1785	1788	1790	rBV	58946	55459	1.41%	0.206%
19	12.622	1790	1791	1801	rVB	71539	71659	1.82%	0.266%
20	12.710	1803	1806	1815	rBV	159193	248140	6.31%	0.921%
21	12.833	1823	1827	1830	rVB	53893	45354	1.15%	0.168%
22	12.980	1847	1852	1855	rBV	4244709	3933782	100.00%	14.602%
23	13.457	1929	1933	1939	rVB	40106	48967	1.24%	0.182%
24	13.910	2002	2010	2027	rBV7	133586	599790	15.25%	2.226%
25	14.039	2027	2032	2035	rBV	1474723	1330021	33.81%	4.937%
26	14.510	2107	2112	2114	rBV2	49277	50023	1.27%	0.186%
27	14.557	2116	2120	2128	rBV9	21386	63849	1.62%	0.237%
28	14.815	2161	2164	2168	rVB	43341	41642	1.06%	0.155%
29	15.080	2205	2209	2212	rBV	28043	42838	1.09%	0.159%
30	15.157	2218	2222	2225	rBV	47722	50982	1.30%	0.189%
31	15.510	2277	2282	2294	rVB2	955832	1230334	31.28%	4.567%
32	15.980	2358	2362	2368	rVB	35154	50790	1.29%	0.189%

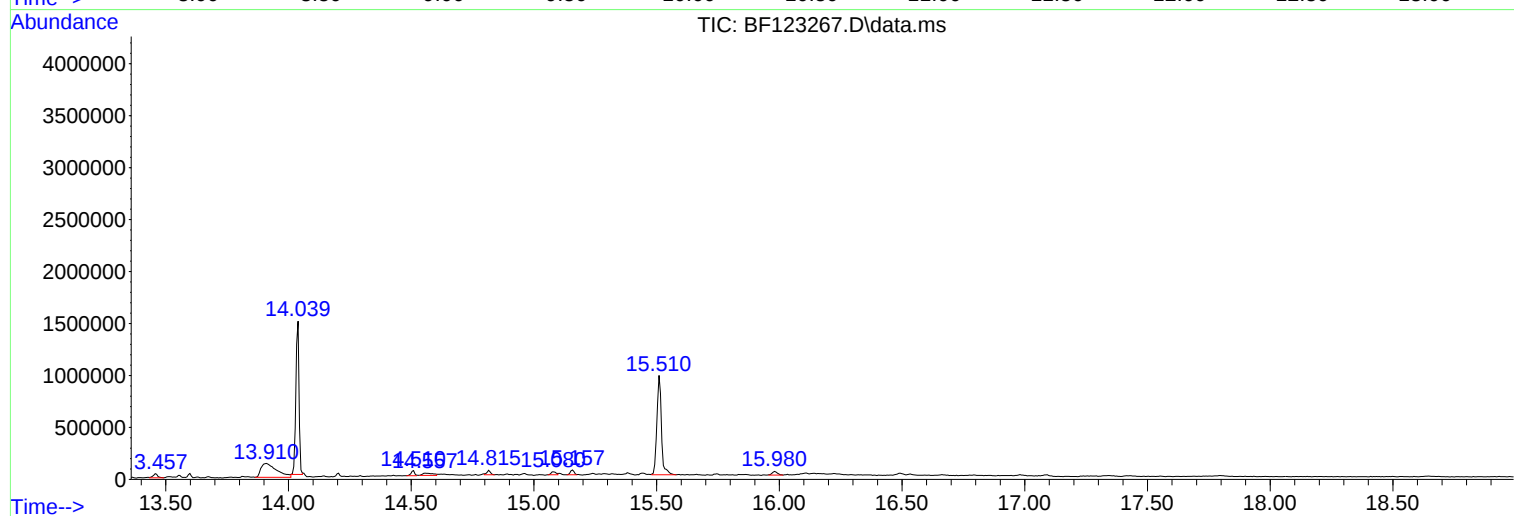
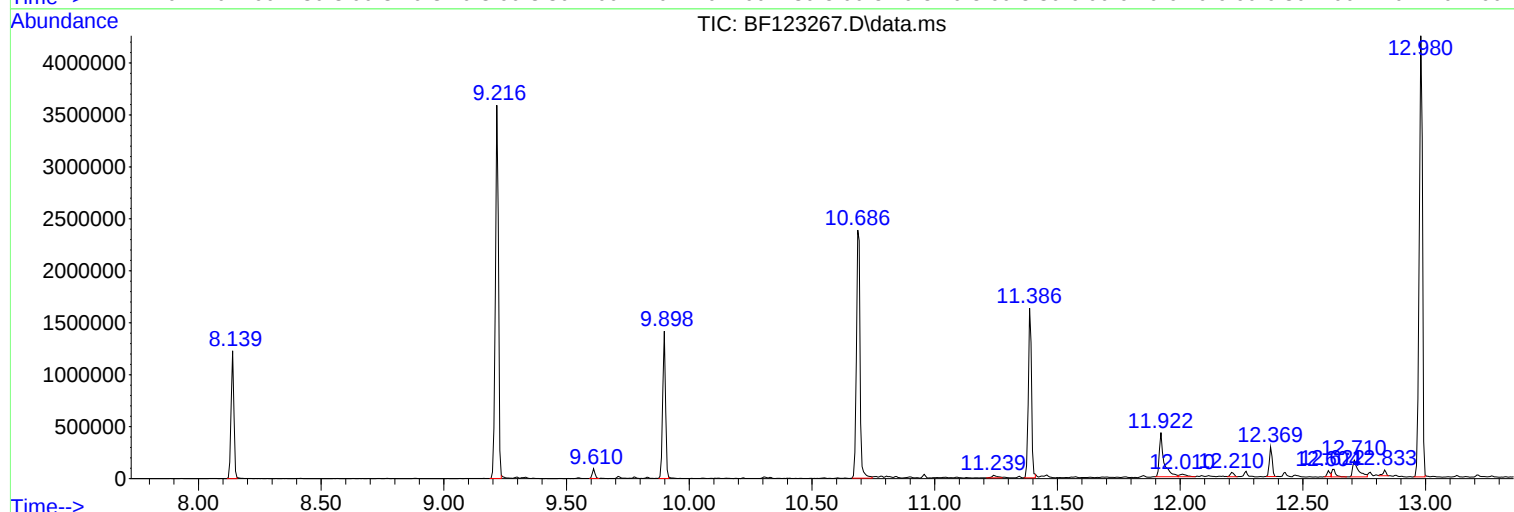
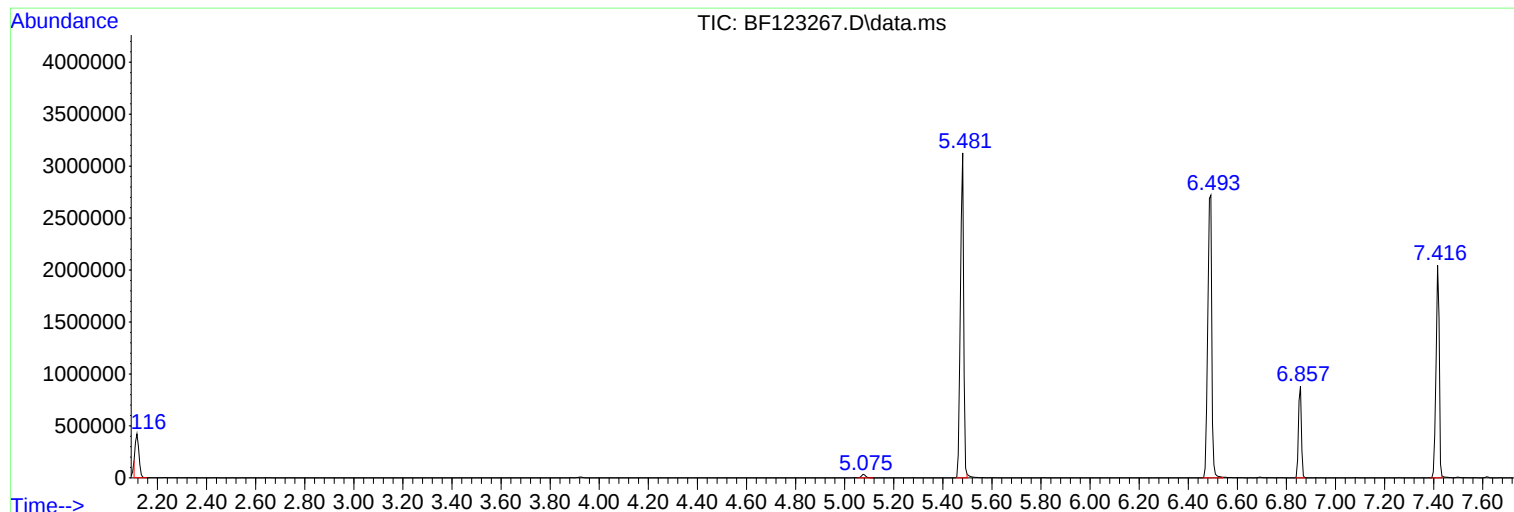
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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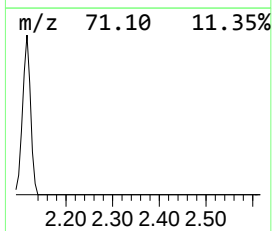
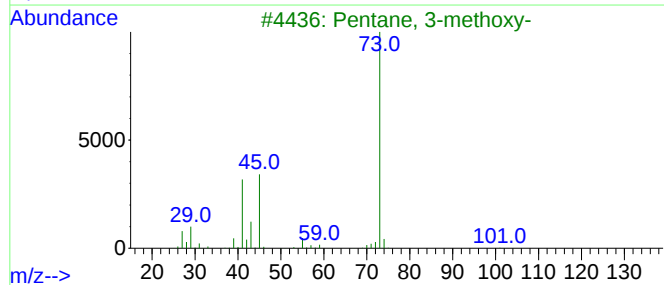
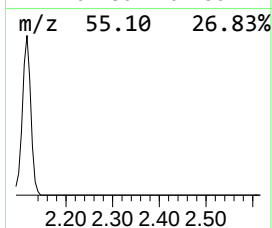
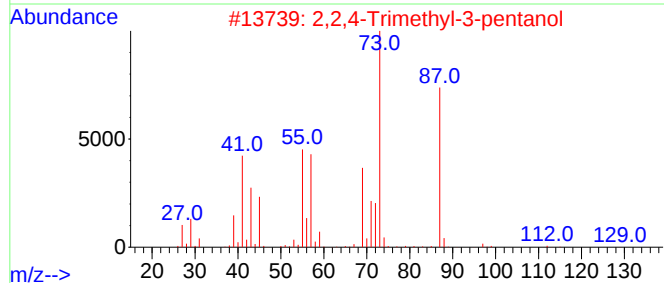
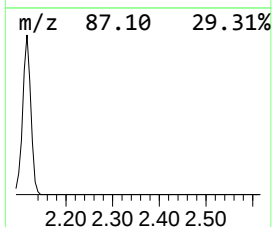
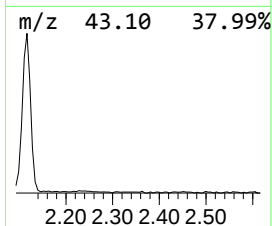
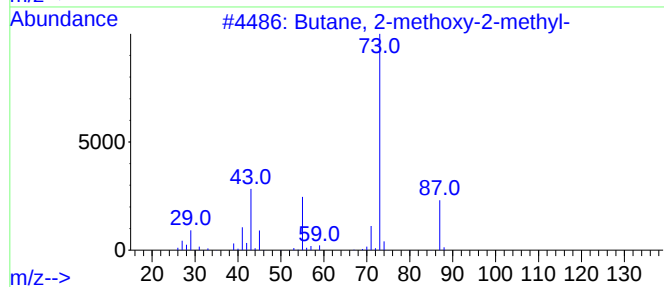
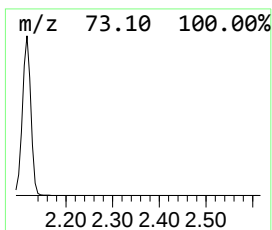
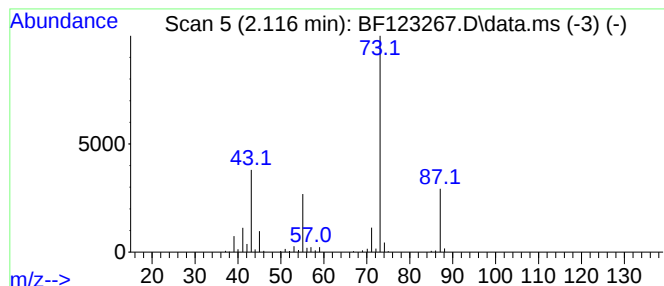
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	11.79 ng	434288	1,4-Dichlorobenzene-d4	6.857

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			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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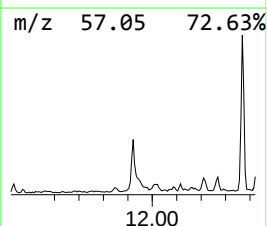
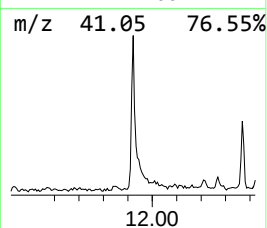
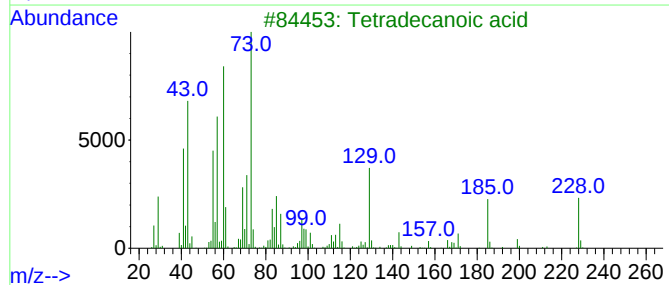
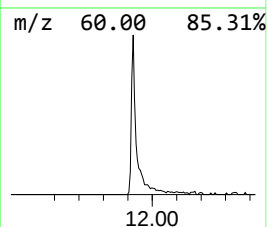
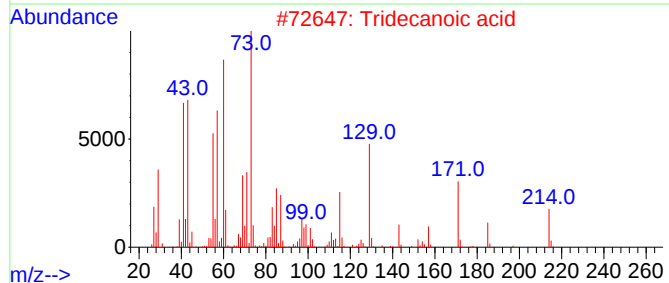
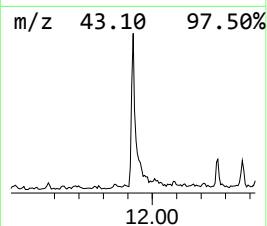
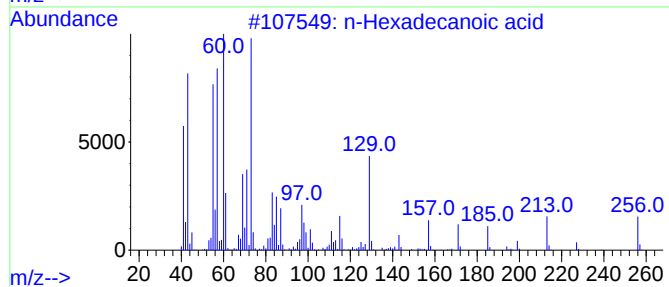
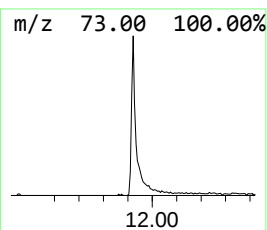
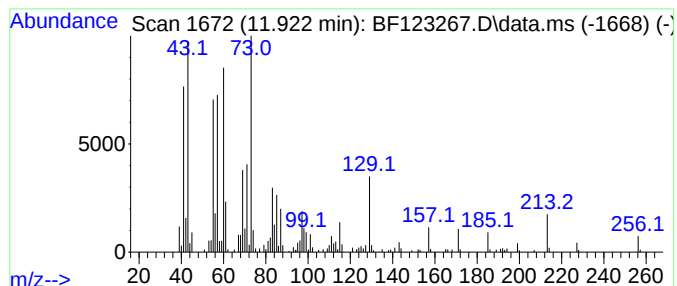
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	7.59 ng	549387	Phenanthrene-d10	11.386

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			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			Hexadecane	226	C16H34	000544-76-3	11



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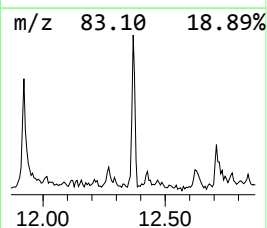
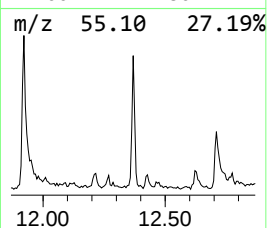
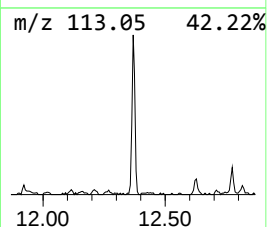
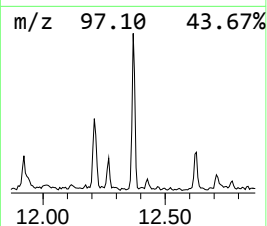
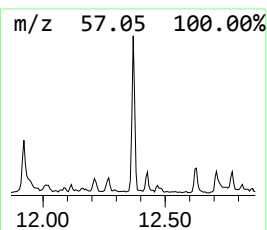
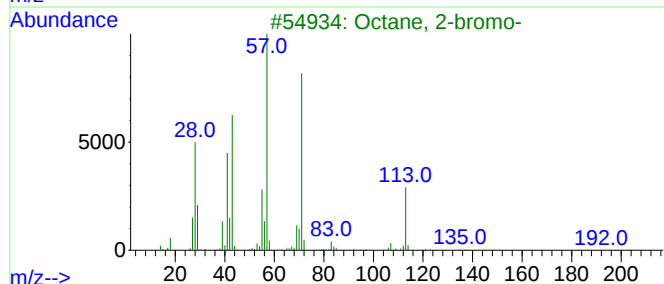
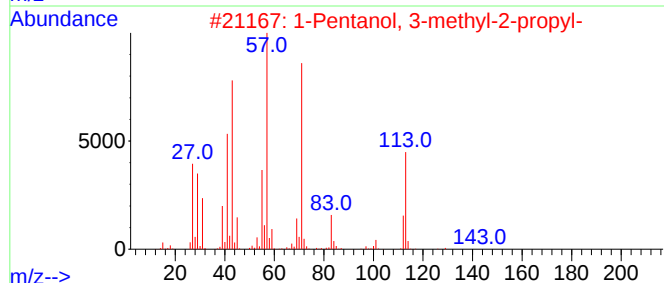
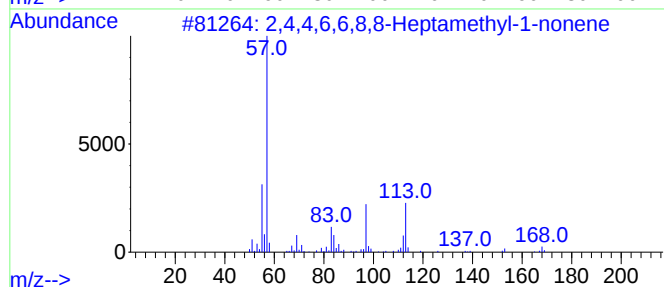
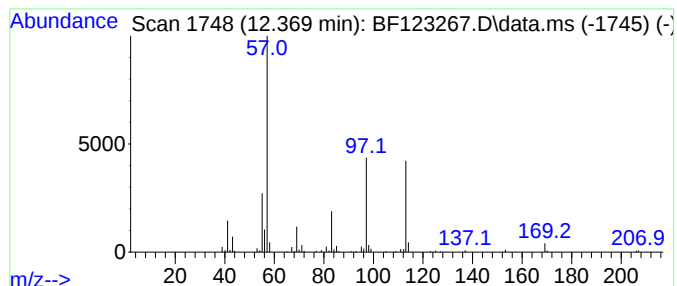
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.369	3.20 ng	231484	Phenanthrene-d10			11.386
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene		224	C16H32	015796-04-0	56
2	1-Pentanol, 3-methyl-2-propyl-		144	C9H20O	054004-40-9	40
3	Octane, 2-bromo-		192	C8H17Br	000557-35-7	38
4	2,4,4-Trimethyl-1-pentanol, trif...		226	C10H17F3O2	1000365-19-5	35
5	2,4,4-Trimethyl-1-pentanol, pent...		276	C11H17F5O2	1000365-51-0	27



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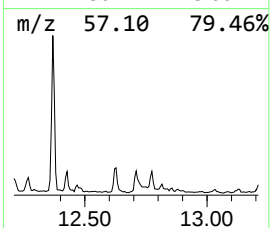
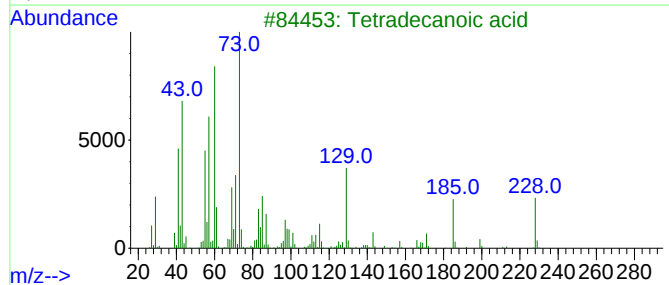
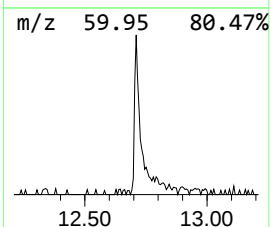
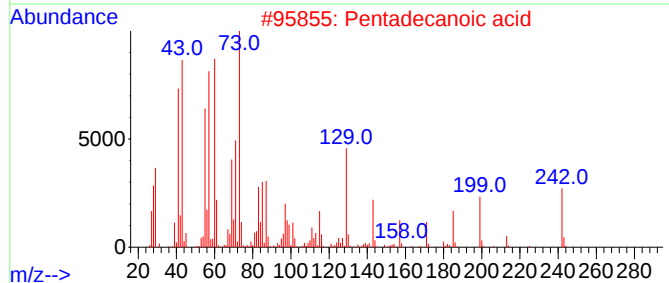
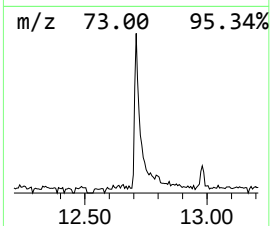
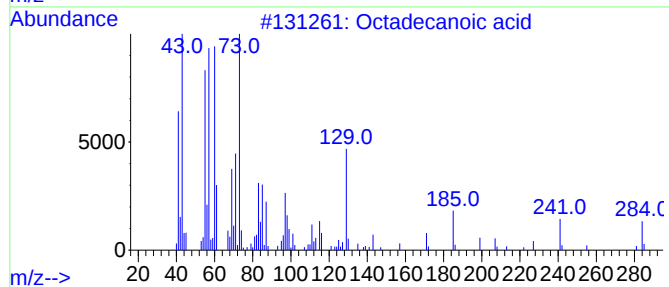
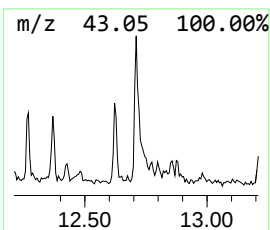
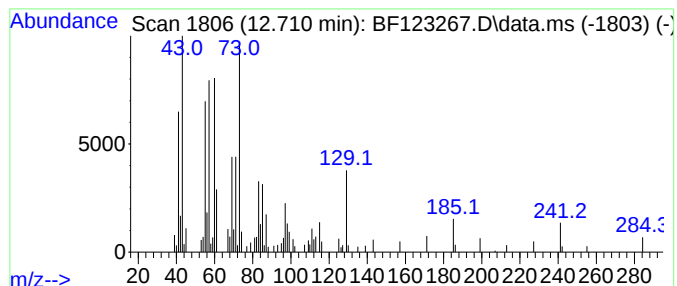
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	3.43 ng	248140	Phenanthrene-d10	11.386

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Undecanoic acid	186	C11H22O2	000112-37-8	53
5			n-Decanoic acid	172	C10H20O2	000334-48-5	49



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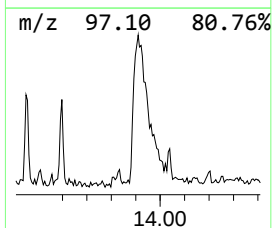
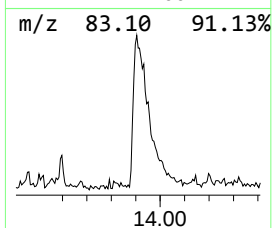
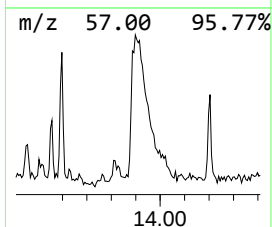
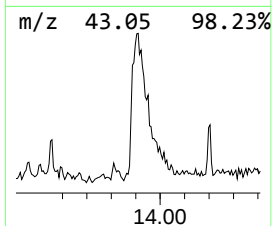
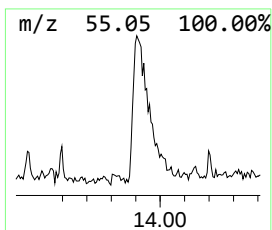
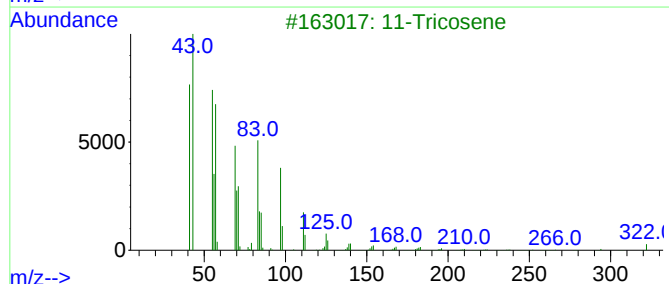
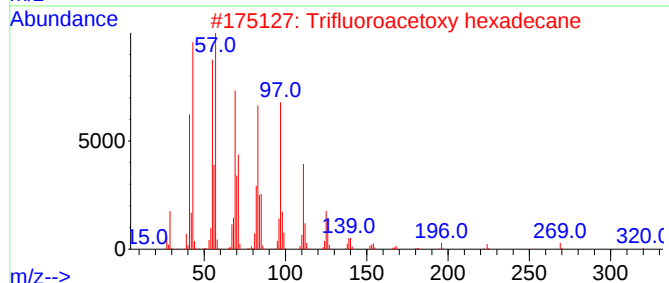
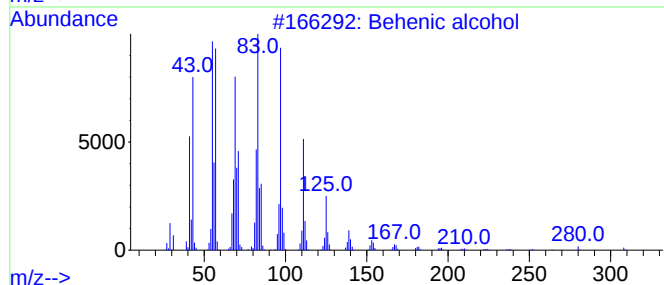
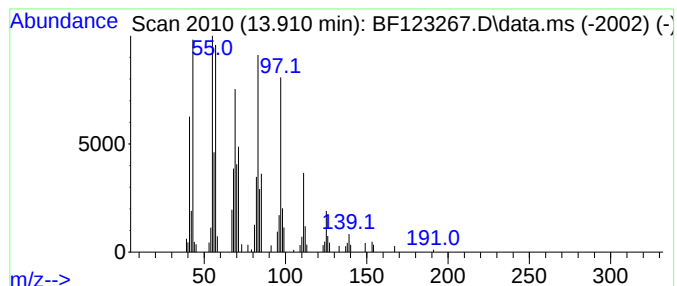
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	9.02 ng	599790	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	94
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3			11-Tricosene	322	C23H46	052078-56-5	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.116	11.8	ng	434288	1	6.857	736931	20.0
n-Hexadecanoic ...	11.922	7.6	ng	549387	4	11.386	1448460	20.0
2,4,4,6,6,8,8-H...	12.369	3.2	ng	231484	4	11.386	1448460	20.0
Octadecanoic acid	12.710	3.4	ng	248140	4	11.386	1448460	20.0
Behenic alcohol	13.910	9.0	ng	599790	5	14.039	1330020	20.0