

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136387.D
 Acq On : 04 Dec 2023 17:59
 Operator : CG\JU
 Sample : 05434-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3RE

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-BF112723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136387.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	497	502	509	rBV	31291	38260	1.68%	0.234%
2	5.440	565	570	573	rBV	2133820	2014982	88.25%	12.328%
3	6.440	735	740	743	rBV	2174449	1932984	84.66%	11.826%
4	6.634	770	773	778	rBV2	25569	28791	1.26%	0.176%
5	6.804	798	802	805	rBV	750623	643385	28.18%	3.936%
6	7.363	892	897	900	rBV	1451181	1223662	53.59%	7.487%
7	8.081	1015	1019	1022	rBV	951380	802376	35.14%	4.909%
8	9.157	1198	1202	1205	rBV	3003383	2283289	100.00%	13.970%
9	9.275	1219	1222	1226	rVB	39196	30936	1.35%	0.189%
10	9.833	1314	1317	1321	rVB	1012591	804169	35.22%	4.920%
11	10.627	1448	1452	1455	rBV	1296209	1122404	49.16%	6.867%
12	11.327	1567	1571	1573	rBV	861902	716039	31.36%	4.381%
13	11.351	1573	1575	1578	rVB	83017	68263	2.99%	0.418%
14	11.863	1658	1662	1672	rBV2	319228	326525	14.30%	1.998%
15	12.427	1753	1758	1762	rVB5	20970	33340	1.46%	0.204%
16	12.545	1774	1778	1781	rBV	156236	145825	6.39%	0.892%
17	12.651	1792	1796	1804	rBV5	98607	138212	6.05%	0.846%
18	12.774	1811	1817	1819	rBV	149253	141463	6.20%	0.866%
19	12.921	1838	1842	1846	rBV	2294318	1983645	86.88%	12.136%
20	13.163	1880	1883	1887	rBV2	39672	44175	1.93%	0.270%
21	13.839	1995	1998	1999	rBV	29061	31103	1.36%	0.190%
22	13.857	1999	2001	2010	rVB4	79993	137074	6.00%	0.839%
23	13.980	2017	2022	2025	rBV	818230	803963	35.21%	4.919%
24	14.004	2025	2026	2028	rVB	77792	42413	1.86%	0.259%
25	14.157	2050	2052	2055	rVB	38680	29347	1.29%	0.180%
26	14.463	2101	2104	2107	rBV2	79078	70786	3.10%	0.433%
27	15.027	2197	2200	2209	rBV	58694	123831	5.42%	0.758%
28	15.121	2214	2216	2220	rVB2	60643	68304	2.99%	0.418%
29	15.462	2270	2274	2279	rBV	448559	515025	22.56%	3.151%

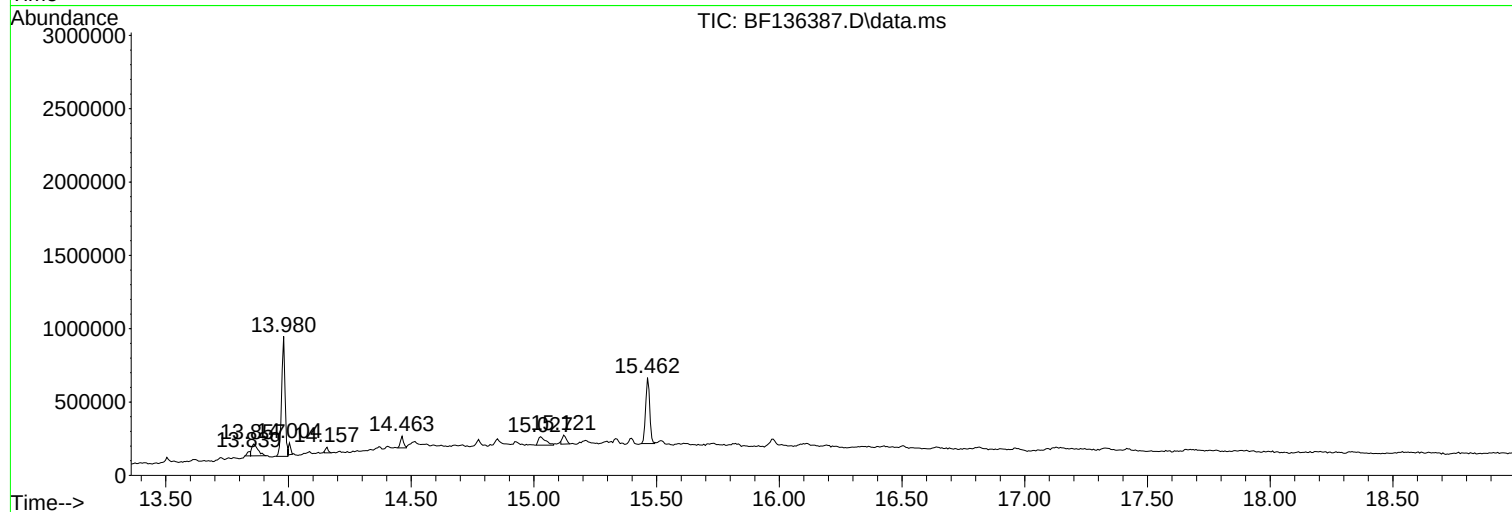
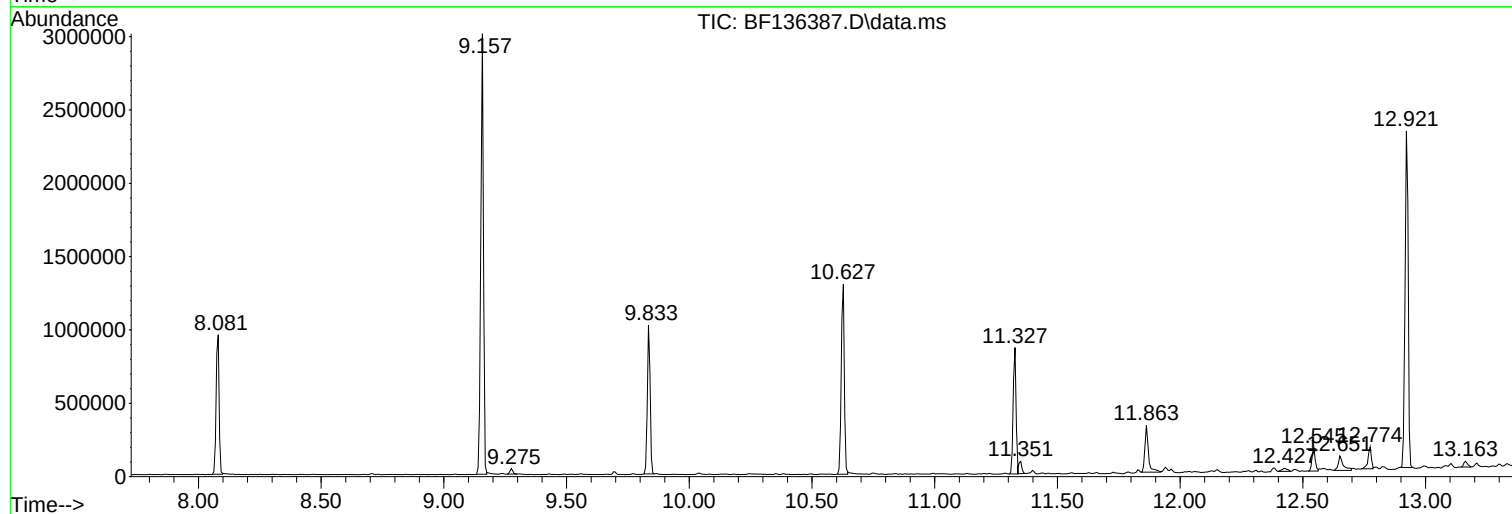
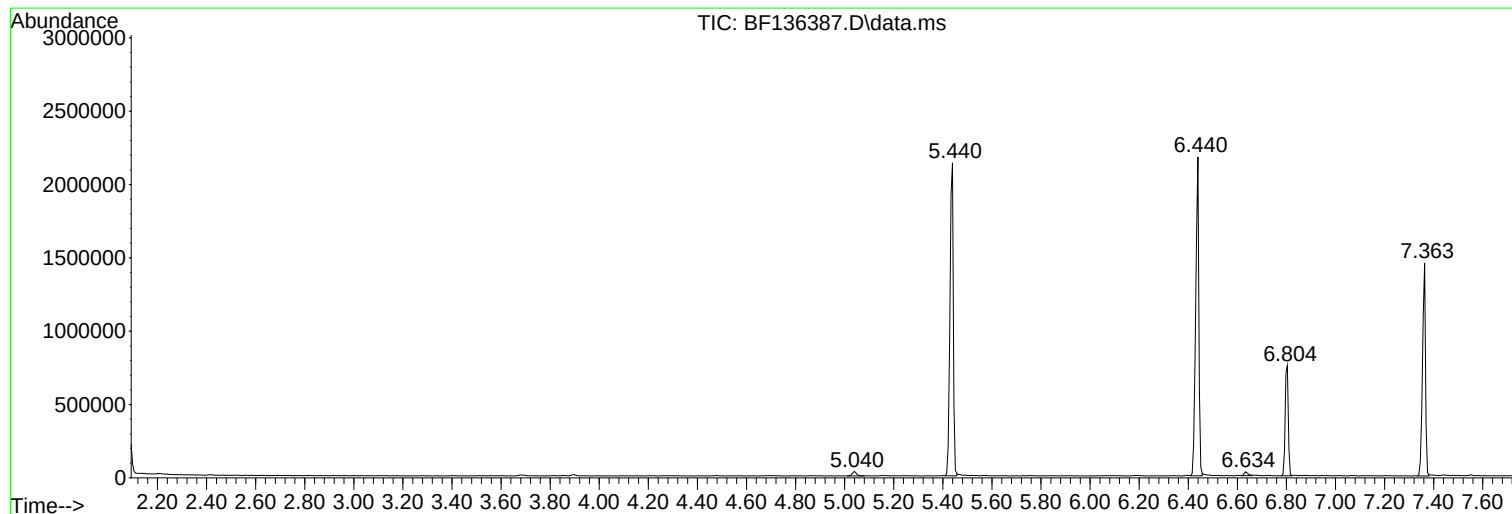
Sum of corrected areas: 16344571

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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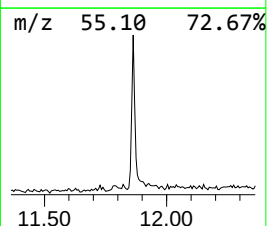
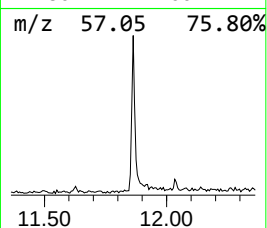
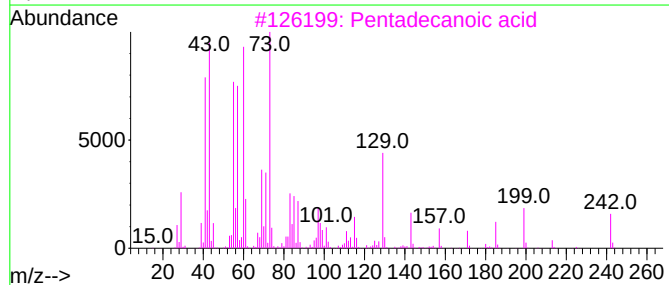
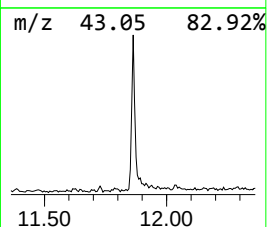
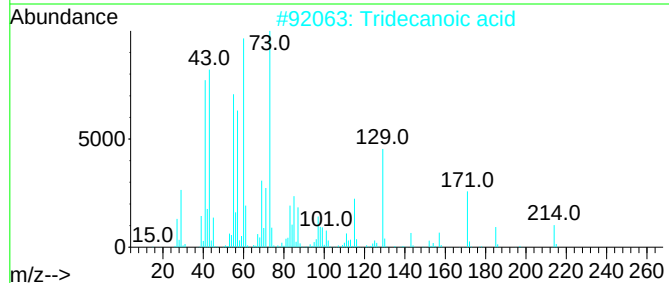
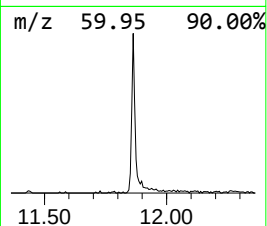
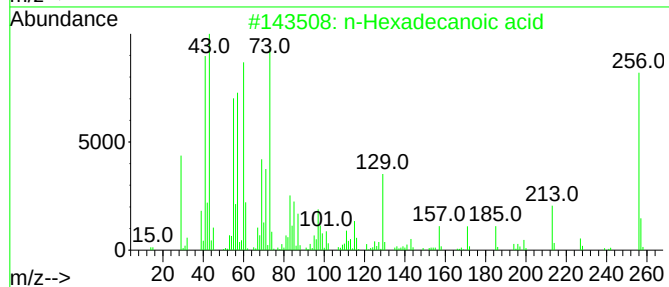
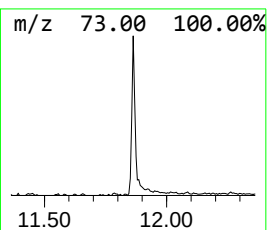
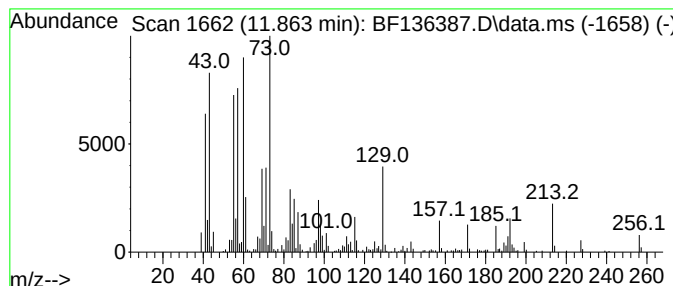
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	9.12 ng	326525	Phenanthrene-d10	11.327

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	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	62
5			Octanoic acid	144	C8H16O2	000124-07-2	38



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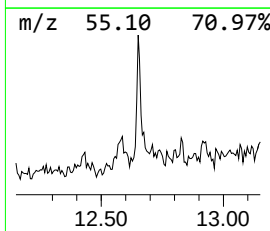
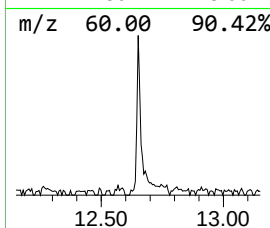
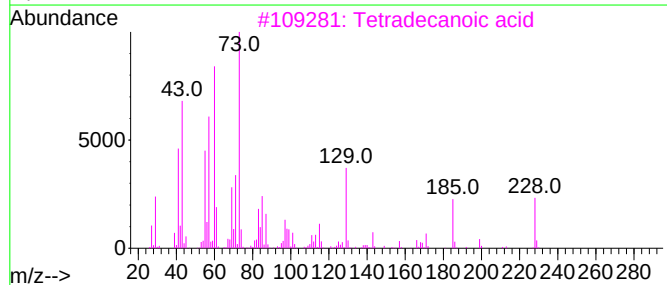
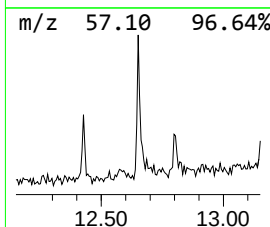
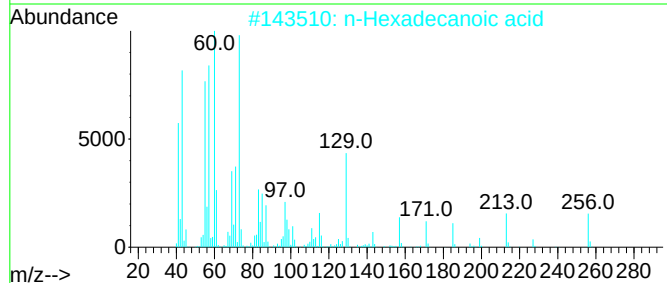
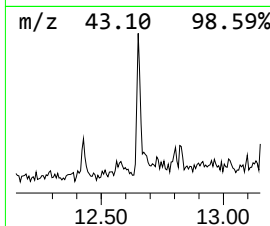
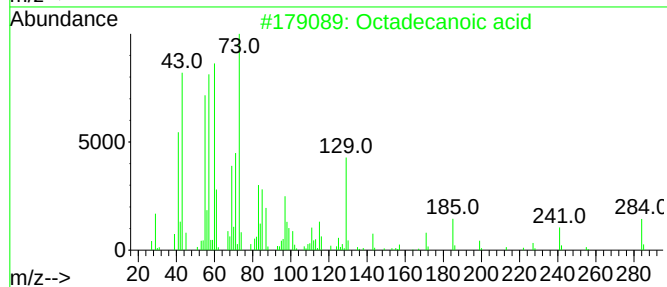
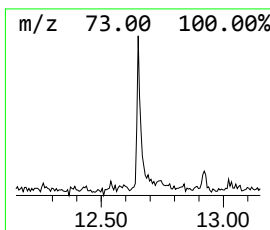
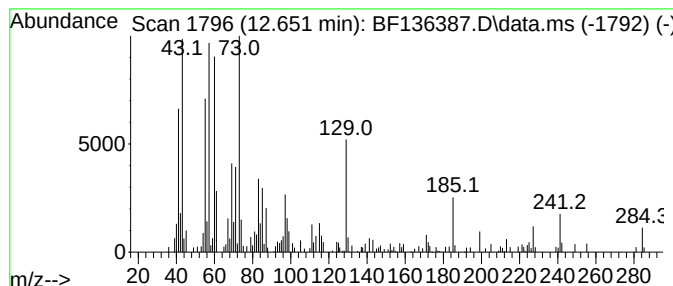
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	3.86 ng	138212	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5			Undecanoic acid	186	C11H22O2	000112-37-8	68



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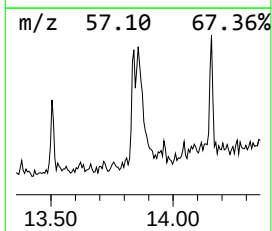
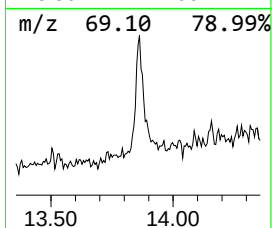
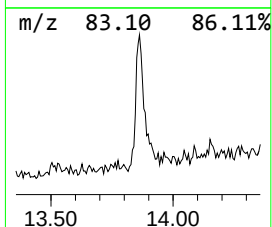
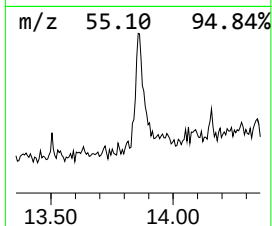
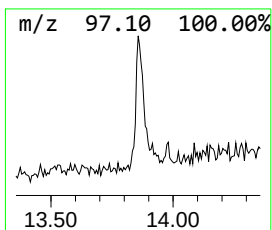
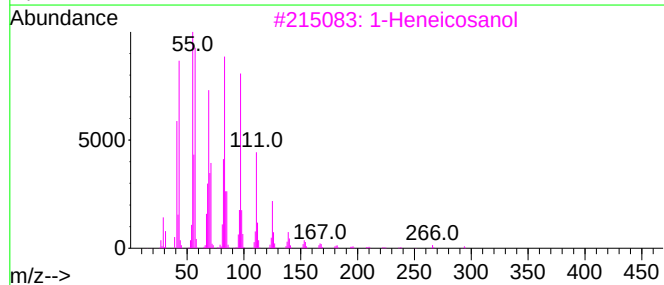
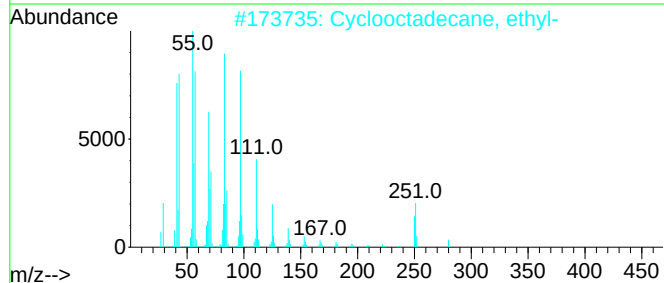
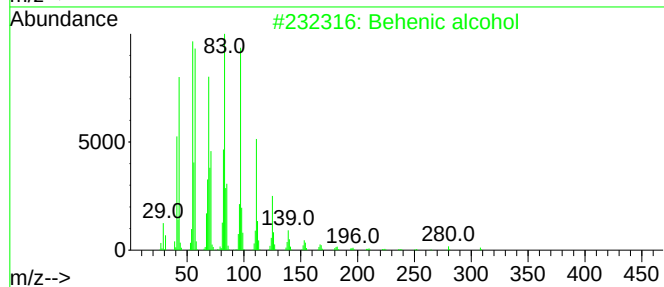
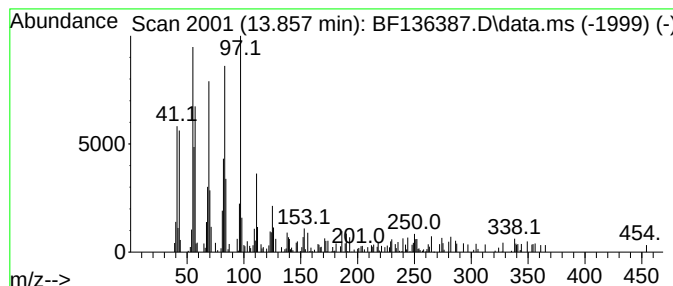
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	3.41 ng	137074	Chrysene-d12	13.980

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	83
2			Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	78
3			1-Heneicosanol	312	C21H44O	015594-90-8	74
4			1-Pentadecanethiol	244	C15H32S	025276-70-4	74
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	74



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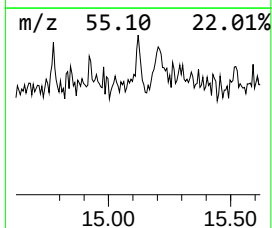
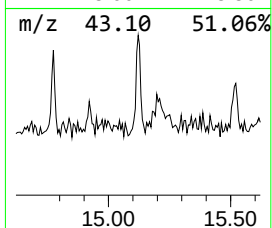
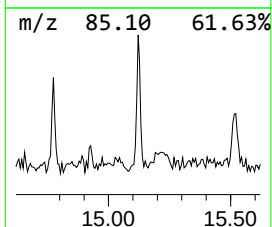
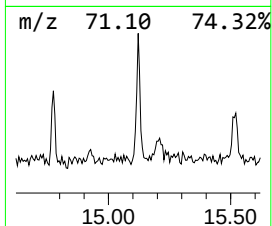
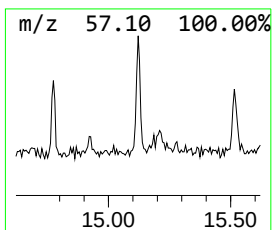
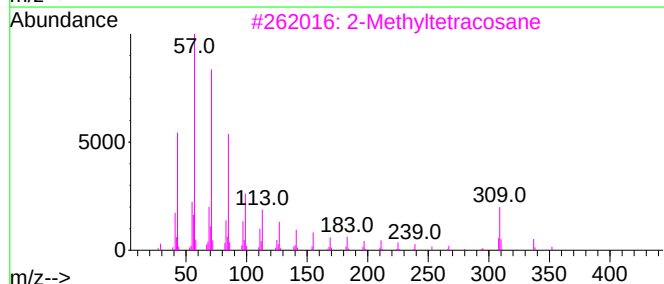
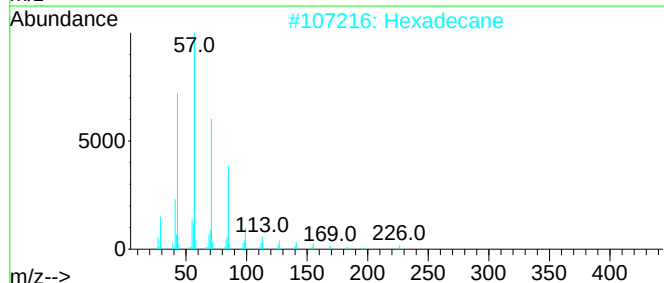
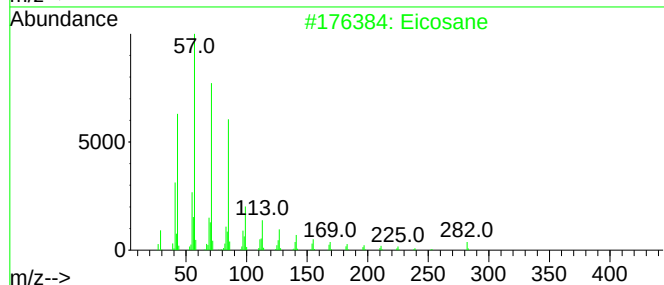
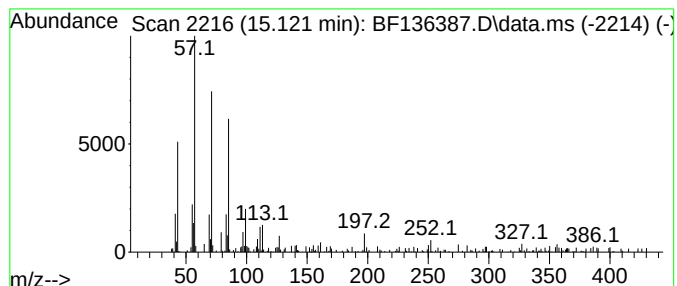
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Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	2.65 ng	68304	Perylene-d12	15.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	91
2	Hexadecane			226	C16H34	000544-76-3	81
3	2-Methyltetracosane			352	C25H52	001560-78-7	80
4	Pentacosane			352	C25H52	000629-99-2	80
5	Heptadecane, 9-octyl-			352	C25H52	007225-64-1	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.863	9.1	ng	326525	4	11.327	716039	20.0
Octadecanoic acid	12.651	3.9	ng	138212	4	11.327	716039	20.0
Behenic alcohol	13.857	3.4	ng	137074	5	13.980	803963	20.0
Eicosane	15.121	2.6	ng	68304	6	15.463	515025	20.0