

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013393.D
 Acq On : 14 Dec 2017 02:43
 Operator : SJ/JU
 Sample : I6801-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A35

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.857	635	641	656	rVB	715076	1310990	21.66%	2.320%
2	7.022	663	669	676	rBV	561509	862037	14.24%	1.526%
3	7.216	696	702	713	rVB	754542	1196347	19.76%	2.117%
4	7.681	774	781	791	rBV	612449	978692	16.17%	1.732%
5	8.386	894	901	915	rBV	961554	1588463	26.24%	2.811%
6	8.834	971	977	986	rBV	789521	1284700	21.22%	2.274%
7	9.551	1092	1099	1107	rBV	692507	1129525	18.66%	1.999%
8	10.086	1183	1190	1203	rBV2	981680	1691165	27.94%	2.993%
9	10.457	1247	1253	1263	rVB	835637	1418067	23.43%	2.510%
10	10.604	1267	1278	1288	rBV	875767	1573905	26.00%	2.786%
11	13.739	1804	1811	1816	rBV	2037302	2810890	46.44%	4.975%
12	13.786	1816	1819	1827	rVB	358999	474290	7.84%	0.839%
13	14.016	1849	1858	1866	rBV	2264078	3238750	53.51%	5.732%
14	14.321	1902	1910	1919	rVB2	1288251	2012256	33.24%	3.561%
15	14.539	1940	1947	1960	rBV	838942	1418562	23.44%	2.511%
16	15.321	2073	2080	2087	rBV	2903189	4000797	66.10%	7.081%
17	15.445	2095	2101	2112	rBV	779887	1129084	18.65%	1.998%
18	15.562	2116	2121	2129	rBV6	36051	64513	1.07%	0.114%
19	16.045	2199	2203	2211	rBV3	35691	60682	1.00%	0.107%
20	17.074	2372	2378	2384	rBV2	1947905	2714883	44.85%	4.805%
21	17.174	2388	2395	2405	rVV	3447827	4791718	79.16%	8.480%
22	17.980	2527	2532	2541	rBV	376132	566508	9.36%	1.003%
23	19.109	2719	2724	2727	rBV2	42228	66442	1.10%	0.118%
24	19.262	2745	2750	2756	rBV	267053	379456	6.27%	0.672%
25	19.356	2763	2766	2772	rVB	43821	60724	1.00%	0.107%
26	19.474	2779	2786	2792	rBV	4392176	6052888	100.00%	10.712%
27	20.980	3038	3042	3049	rBV	822753	1033977	17.08%	1.830%
28	21.262	3085	3090	3098	rBV	2724798	3334013	55.08%	5.901%
29	22.821	3352	3355	3358	rVB4	65448	77867	1.29%	0.138%
30	23.350	3437	3445	3456	rBV2	2996591	5835030	96.40%	10.327%
31	23.491	3462	3469	3477	rVB	1544390	2878696	47.56%	5.095%
32	24.021	3556	3559	3566	rVB5	92837	148884	2.46%	0.263%
33	24.109	3570	3574	3582	rVB7	153684	318479	5.26%	0.564%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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

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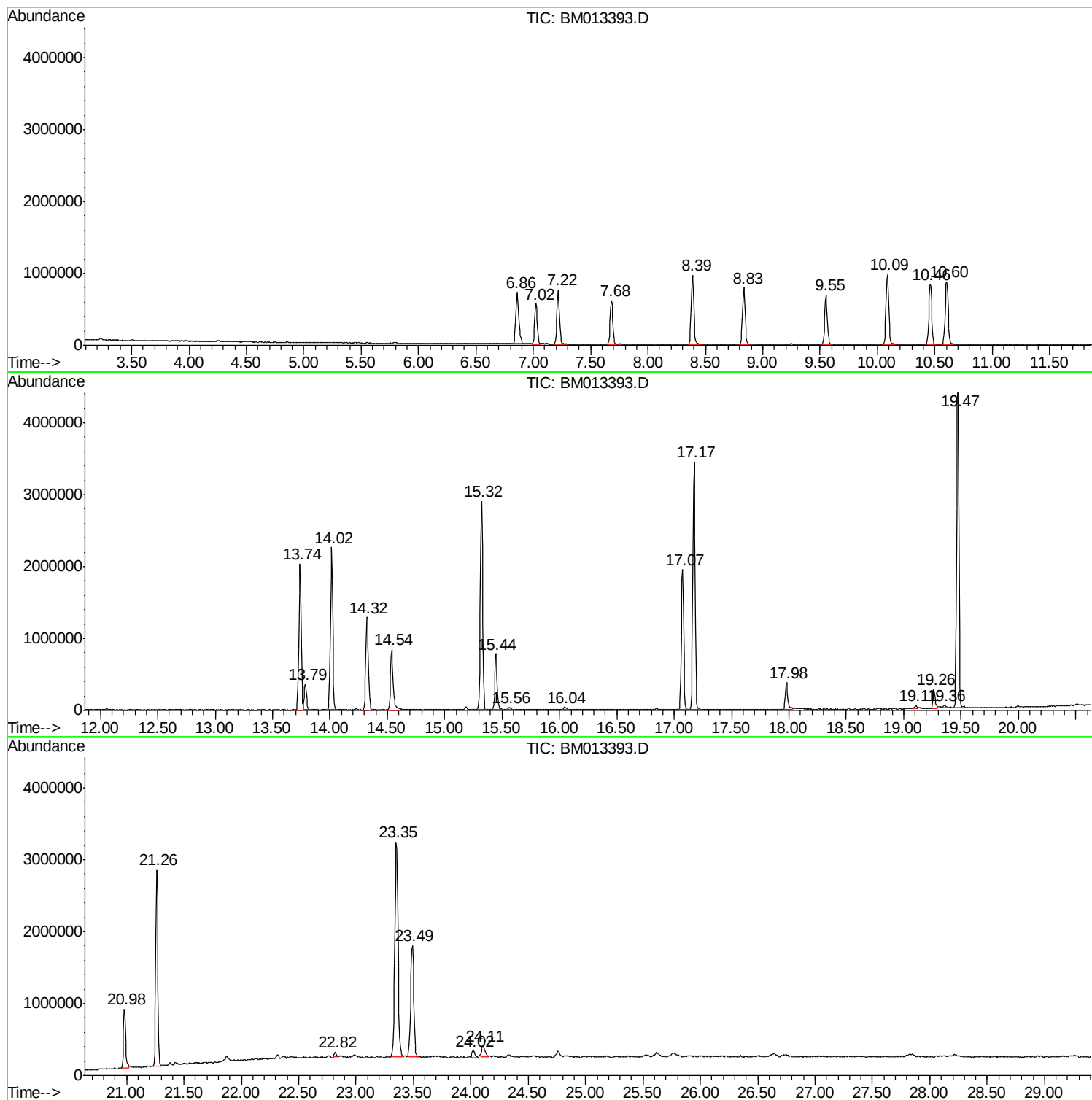
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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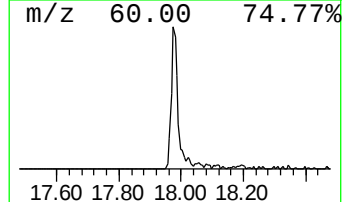
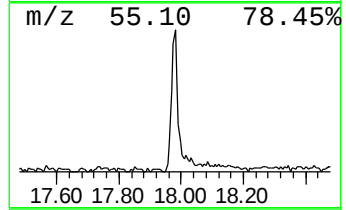
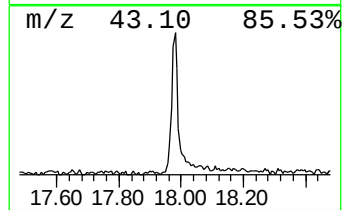
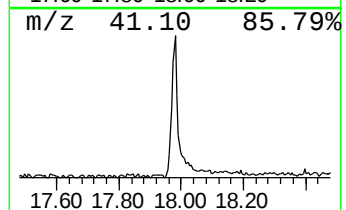
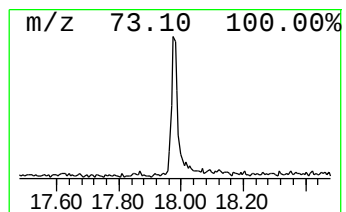
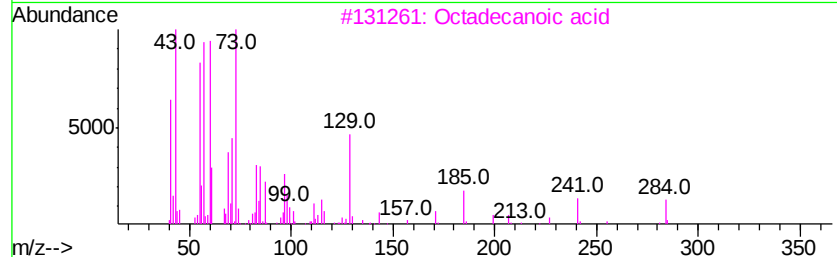
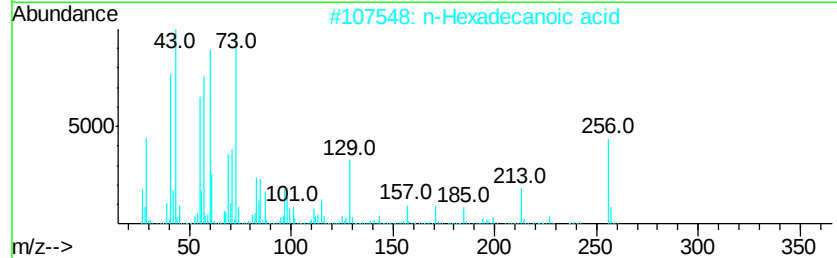
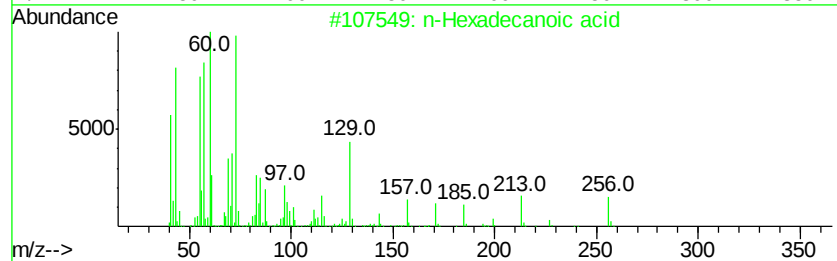
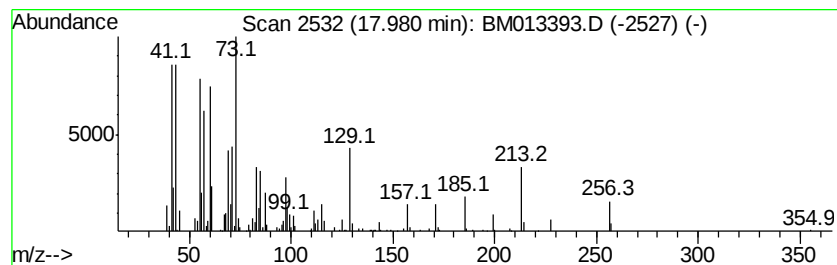
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.17 ng/ul	566508	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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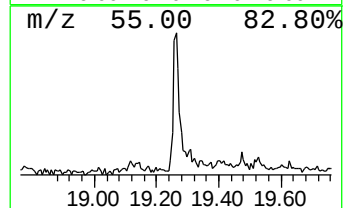
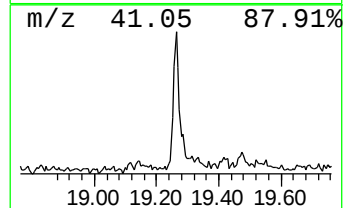
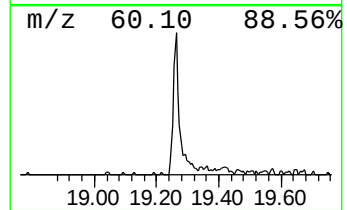
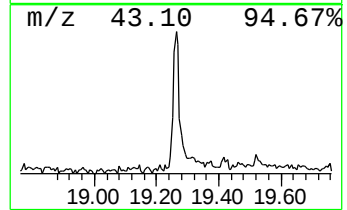
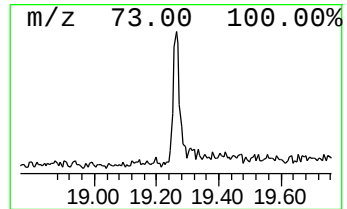
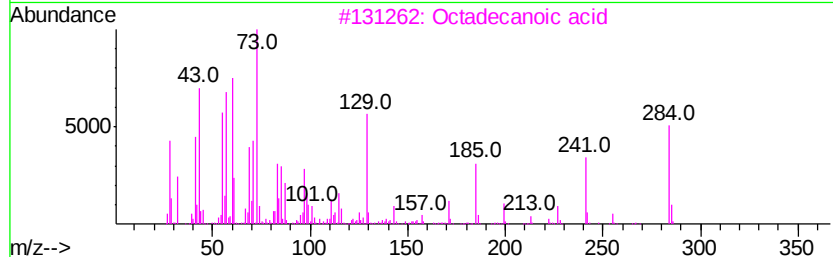
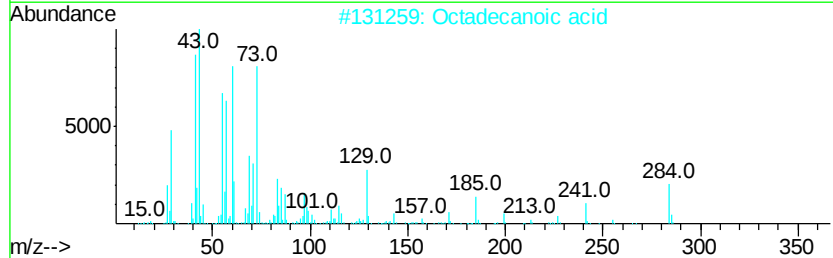
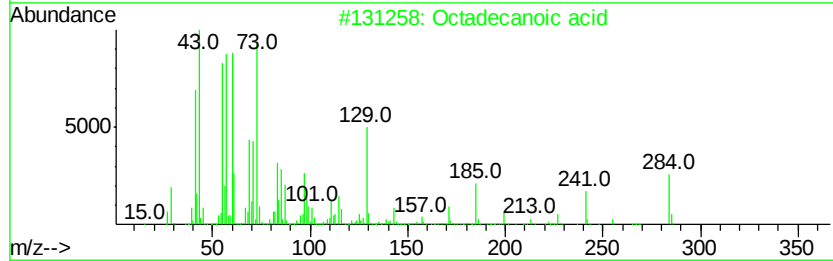
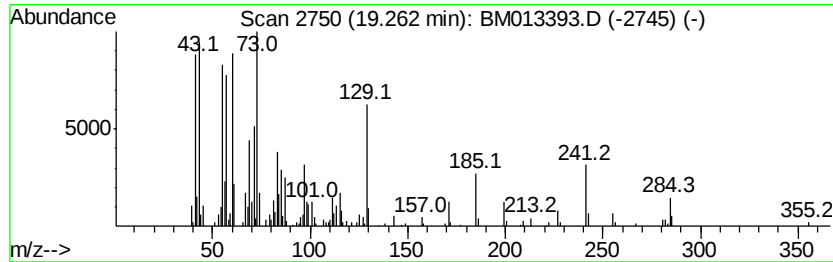
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.28 ng/ul	379456	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	90



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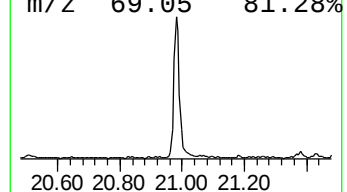
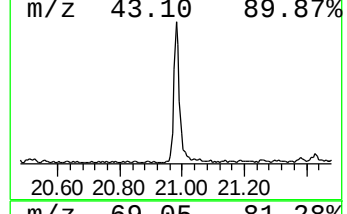
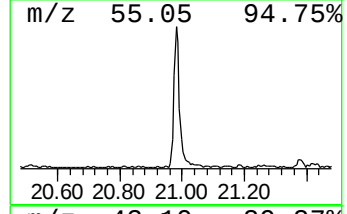
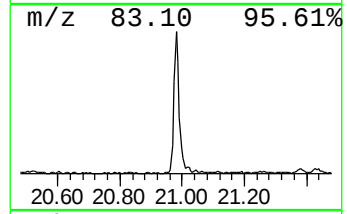
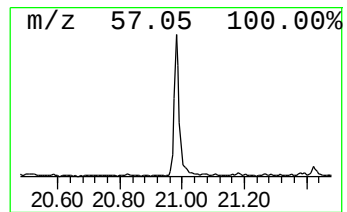
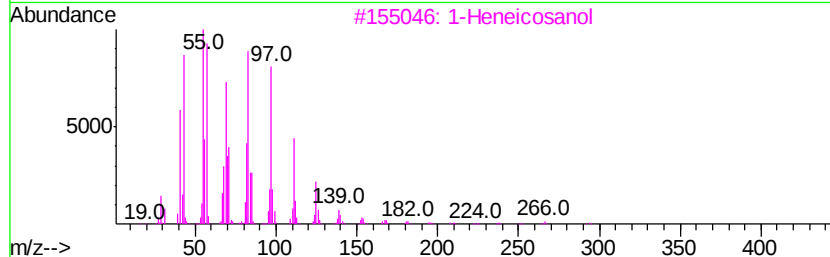
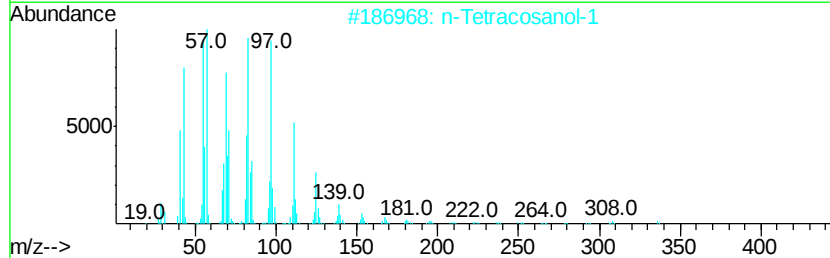
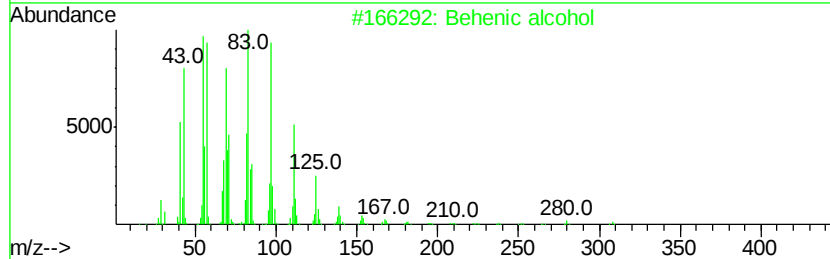
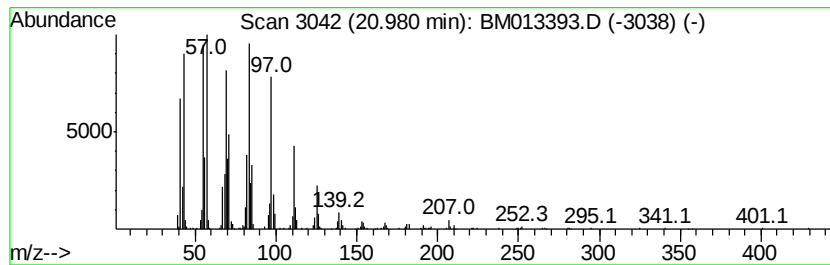
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.98	6.20 ng/ul	1033980	Chrysene-d12		21.26	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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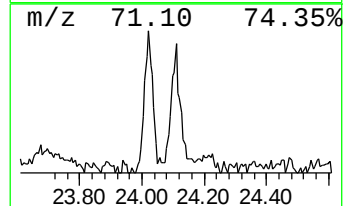
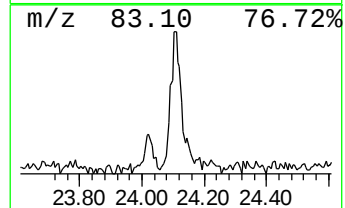
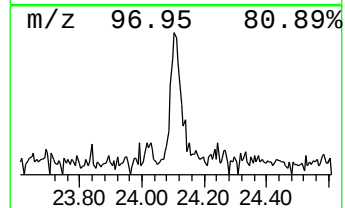
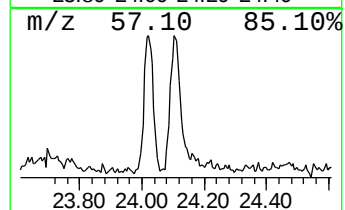
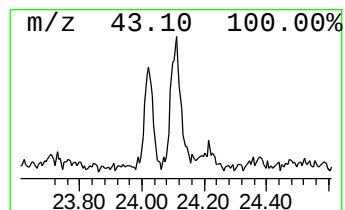
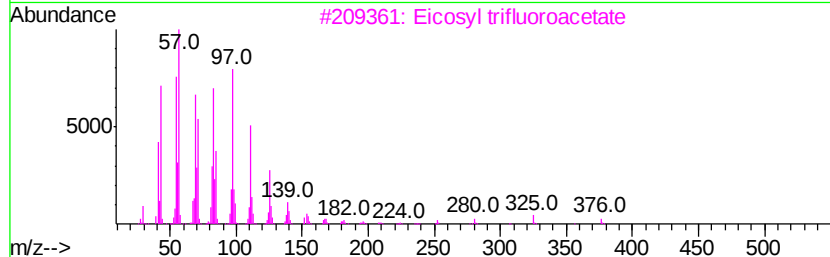
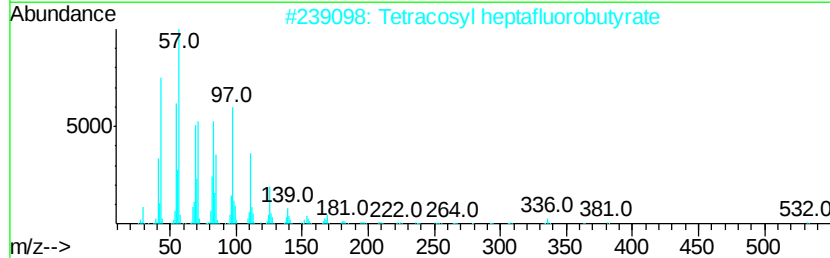
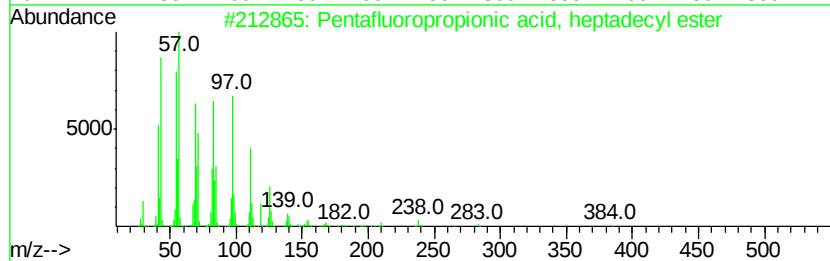
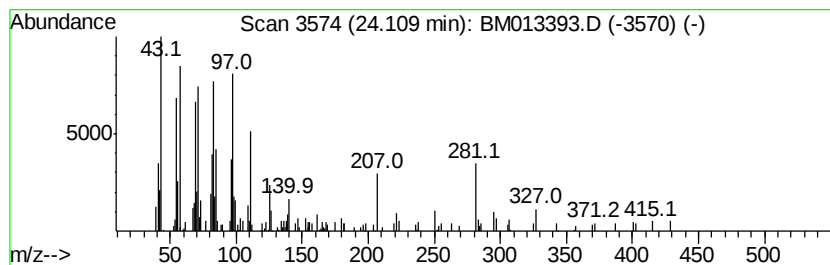
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	2.21 ng/ul	318479	Perylene-d12	23.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	80
2		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	80
3		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	68
4		Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	64
5		Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.98	4.2	ng/ul	566508	4	17.07	2714880	20.0
Octadecanoic acid	19.26	2.3	ng/ul	379456	5	21.26	3334010	20.0
Behenic alcohol	20.98	6.2	ng/ul	1033980	5	21.26	3334010	20.0
Pentafluoropropio...	24.11	2.2	ng/ul	318479	6	23.49	2878700	20.0