

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010634.D
 Acq On : 21 Jun 2017 21:52
 Operator : SJ/JU
 Sample : I3627-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A46

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-BM062017.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	6.646	634	639	651	rBB	234578	380845	19.29%	1.790%
2	6.816	661	668	675	rBB	159964	232616	11.78%	1.094%
3	6.998	694	699	706	rBV	231884	355832	18.02%	1.673%
4	7.463	772	778	786	rVB	269430	400171	20.26%	1.881%
5	8.169	891	898	906	rBB	308115	465576	23.58%	2.189%
6	8.610	966	973	979	rBB	219954	348317	17.64%	1.638%
7	9.322	1088	1094	1103	rBB	215930	333443	16.89%	1.568%
8	9.851	1178	1184	1191	rVB	360550	547429	27.72%	2.574%
9	10.228	1241	1248	1255	rVB	386905	611358	30.96%	2.874%
10	10.369	1265	1272	1281	rVB	279845	443943	22.48%	2.087%
11	13.533	1805	1810	1815	rBV	676525	968209	49.03%	4.552%
12	13.580	1815	1818	1825	rVB	377867	483956	24.51%	2.275%
13	13.804	1849	1856	1866	rVB	694152	991389	50.20%	4.661%
14	14.116	1903	1909	1917	rBV2	637627	934319	47.31%	4.392%
15	14.322	1938	1944	1951	rBV	366062	501058	25.37%	2.356%
16	15.116	2073	2079	2086	rBV	909894	1303791	66.02%	6.129%
17	15.239	2094	2100	2107	rBV	359060	464420	23.52%	2.183%
18	15.869	2203	2207	2211	rBV3	18093	22825	1.16%	0.107%
19	16.868	2371	2377	2383	rBV2	913813	1265098	64.06%	5.947%
20	16.968	2388	2394	2403	rVB	1128762	1498448	75.88%	7.045%
21	17.674	2507	2514	2520	rBV5	12776	21463	1.09%	0.101%
22	17.798	2528	2535	2542	rBV	211041	287342	14.55%	1.351%
23	18.680	2680	2685	2688	rBV2	17592	24717	1.25%	0.116%
24	18.939	2726	2729	2732	rBV	26669	30279	1.53%	0.142%
25	19.092	2749	2755	2763	rBV	211049	275001	13.93%	1.293%
26	19.280	2777	2787	2793	rBV	1499307	1926624	97.56%	9.057%
27	20.780	3038	3042	3045	rBV2	51987	60532	3.07%	0.285%
28	20.821	3045	3049	3057	rVB3	124075	170124	8.62%	0.800%
29	21.080	3088	3093	3100	rBV	1292521	1653179	83.72%	7.772%
30	21.262	3122	3124	3128	rVB5	16956	20855	1.06%	0.098%
31	21.703	3195	3199	3202	rBV4	52734	75210	3.81%	0.354%
32	21.833	3219	3221	3225	rVB4	23144	23237	1.18%	0.109%
33	22.133	3269	3272	3275	rVB5	29386	33047	1.67%	0.155%
34	22.615	3349	3354	3357	rBV2	84521	121131	6.13%	0.569%

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35	23.092	3428	3435	3441	rBV2	1165101	1974719	100.00%	9.284%
36	23.150	3441	3445	3450	rVB2	78399	116199	5.88%	0.546%
37	23.227	3451	3458	3465	rVB	844410	1480965	75.00%	6.962%
38	23.762	3544	3549	3555	rVB3	79611	136578	6.92%	0.642%
39	24.462	3663	3668	3675	rVB4	75100	158792	8.04%	0.747%
40	25.280	3801	3807	3813	rVB7	53036	128110	6.49%	0.602%

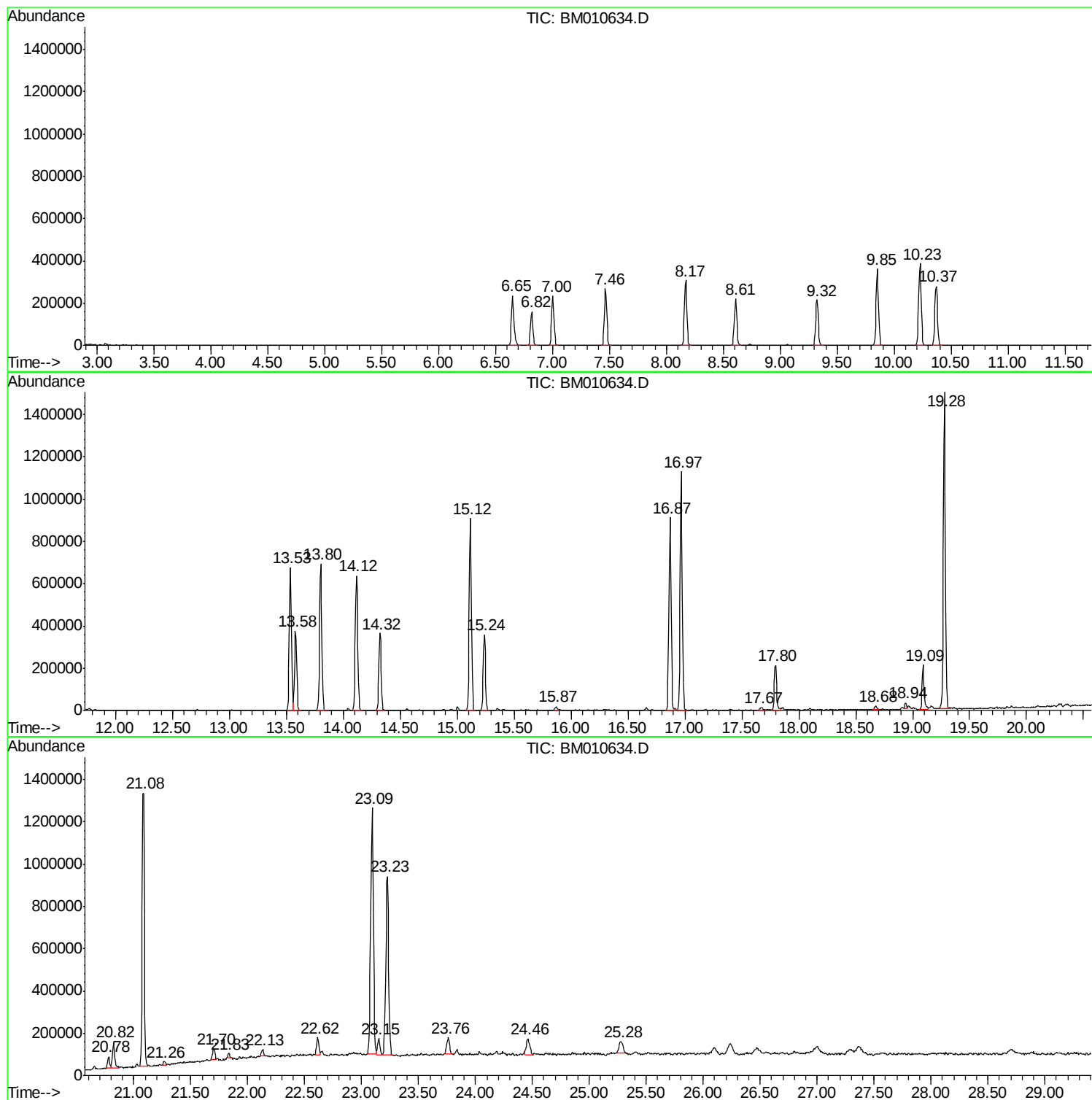
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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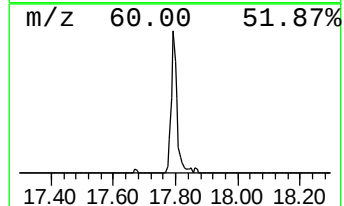
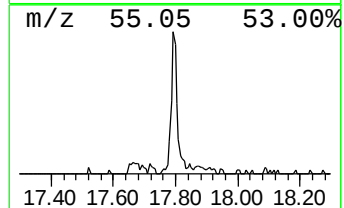
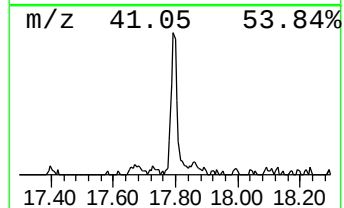
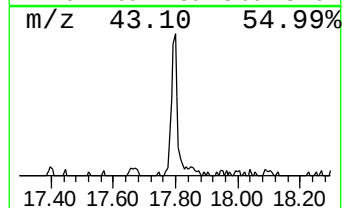
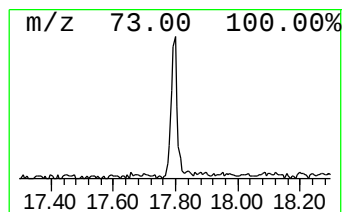
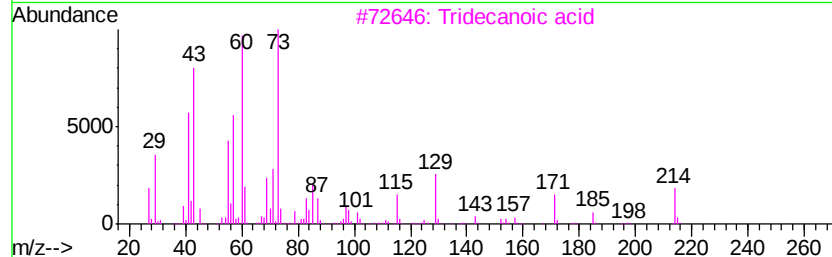
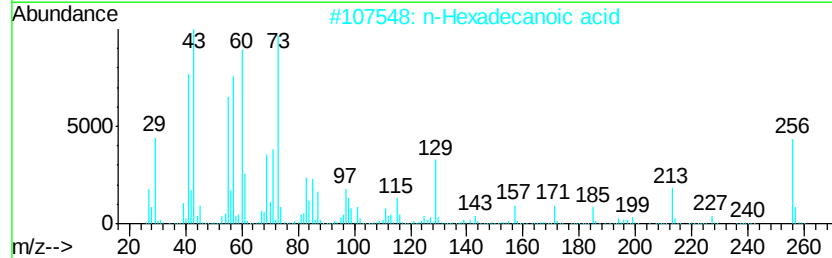
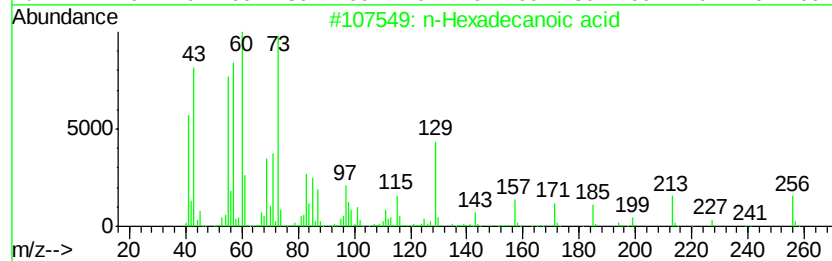
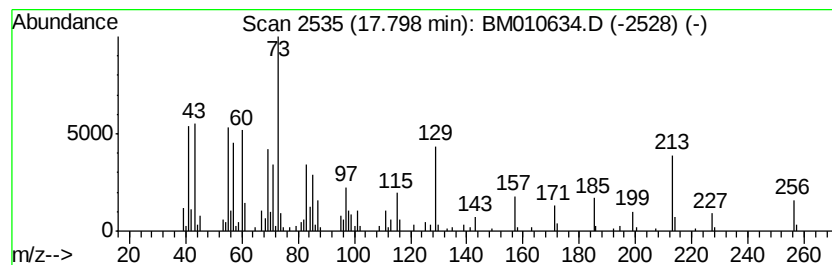
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.80	4.54 ng/ul	287342	Phenanthrene-d10	16.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43	



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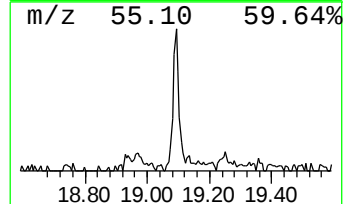
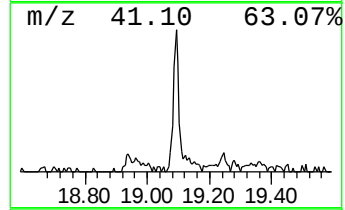
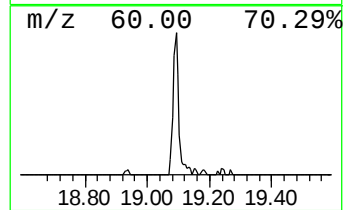
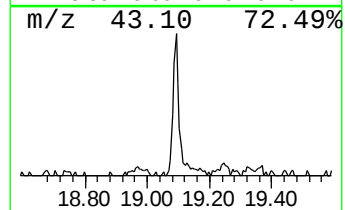
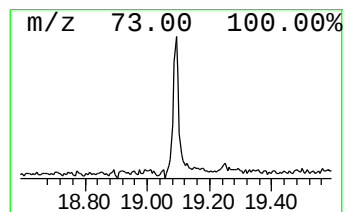
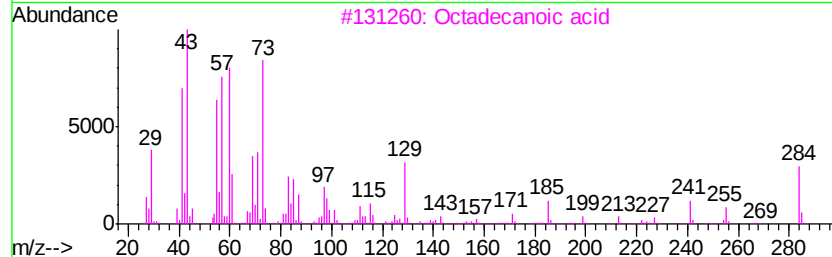
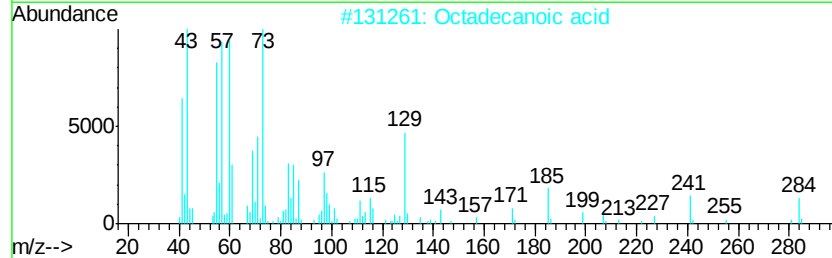
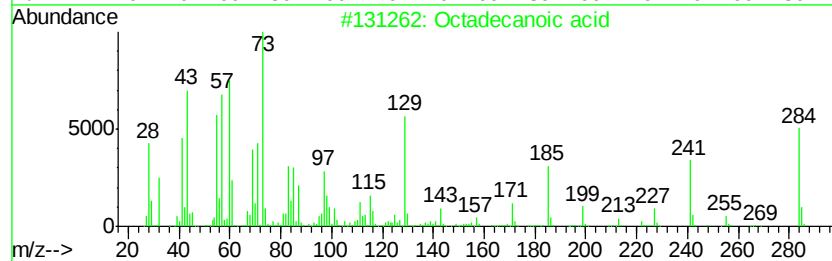
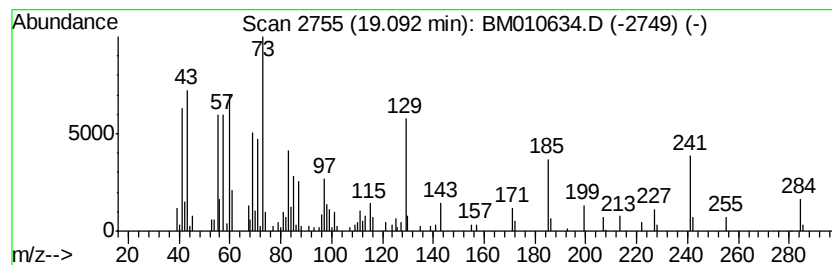
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	3.33 ng/ul	275001	Chrysene-d12	21.09

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	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	55



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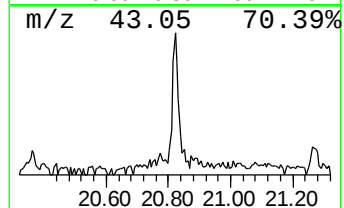
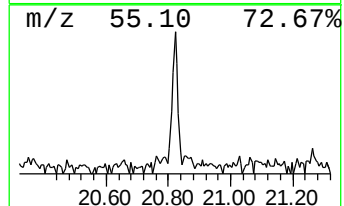
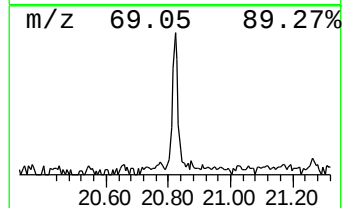
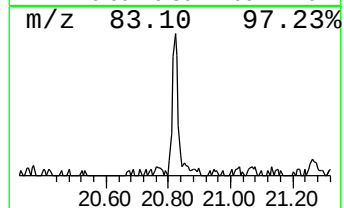
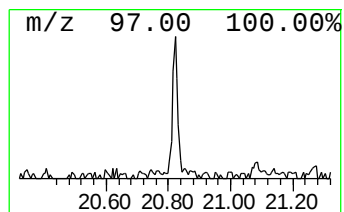
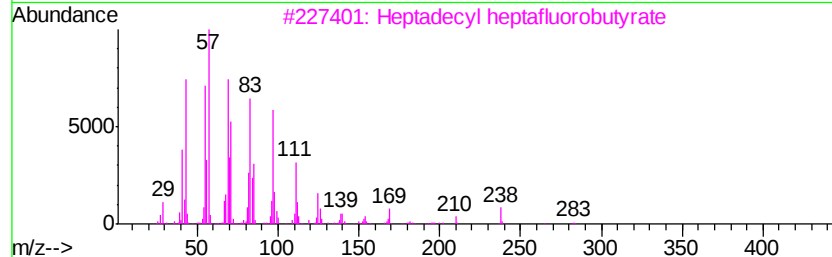
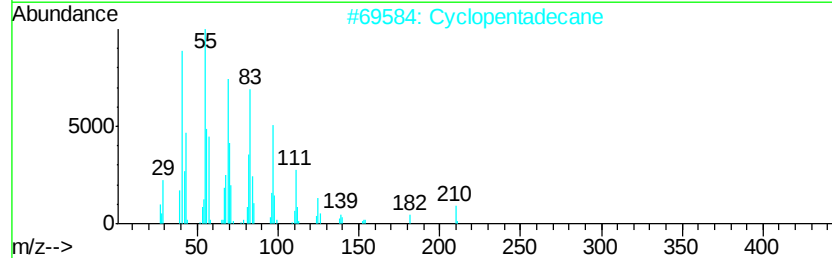
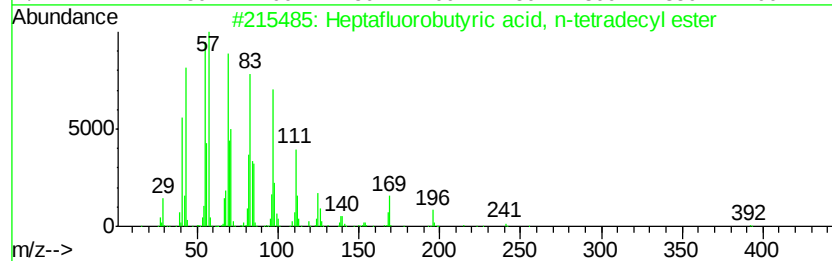
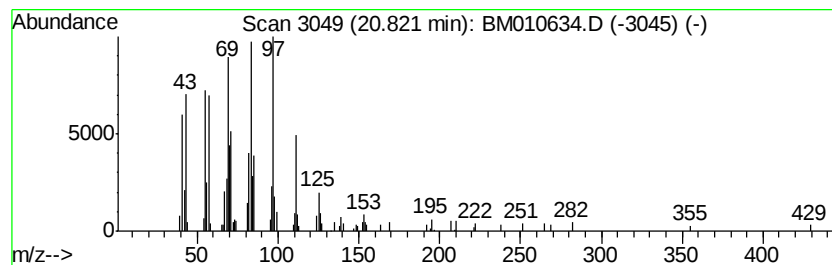
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Peak Number 3 Heptafluorobutyric acid, n-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.06 ng/ul	170124	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
2		Cyclopentadecane	210	C15H30	000295-48-7	90
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86
4		1-Docosene	308	C22H44	001599-67-3	76
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	68



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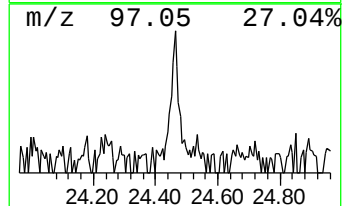
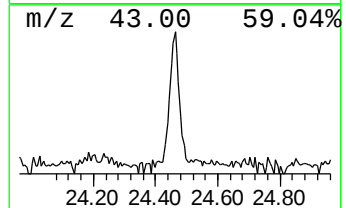
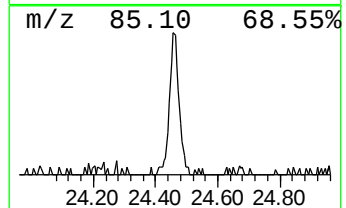
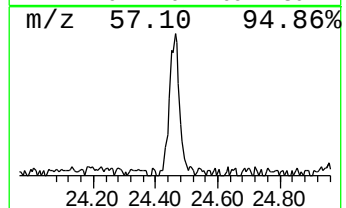
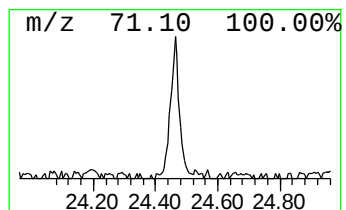
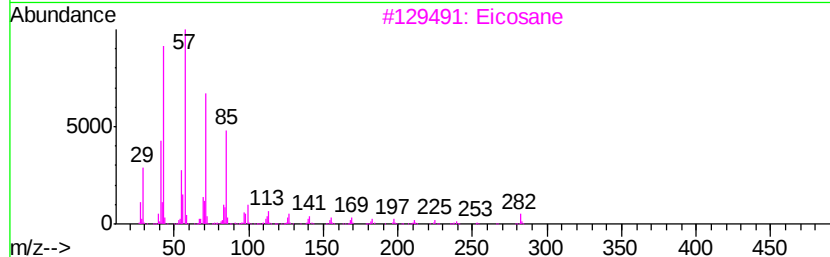
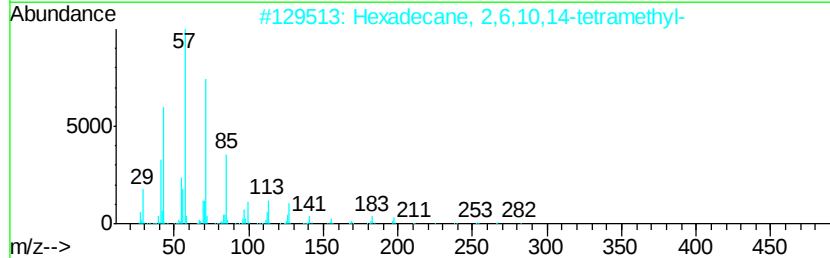
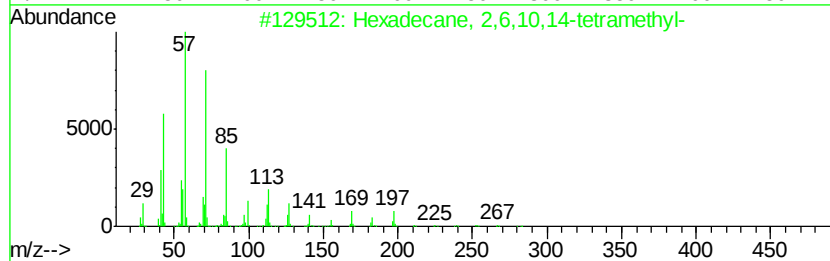
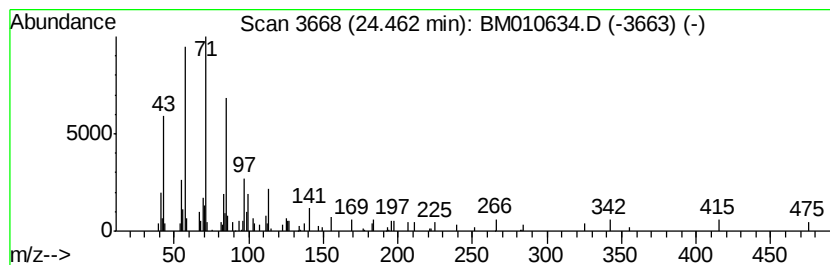
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.14 ng/ul	158792	Perylene-d12	23.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3			Eicosane	282	C20H42	000112-95-8	68
4			Hentriacontane	437	C31H64	000630-04-6	64
5			Docosane	310	C22H46	000629-97-0	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.80	4.5	ng/ul	287342	4	16.87	1265100	20.0
Octadecanoic acid	19.09	3.3	ng/ul	275001	5	21.09	1653180	20.0
Heptafluorobutyri...	20.82	2.1	ng/ul	170124	5	21.09	1653180	20.0
(DEL) Alkane: Str...	24.46	2.1	ng/ul	158792	6	23.23	1480970	20.0