

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028436.D
 Acq On : 18 Jan 2021 21:46
 Operator : CG/JU
 Sample : M1099-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1C07

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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	3.334	21	25	29	rBV	12851	15886	1.67%	0.146%
2	4.016	137	141	147	rVB3	1113	2477	0.26%	0.023%
3	4.128	155	160	164	rBV	2010	2716	0.29%	0.025%
4	5.316	360	362	368	rBV3	1077	1645	0.17%	0.015%
5	7.234	681	688	698	rVB	228894	377749	39.69%	3.479%
6	7.404	710	717	725	rBV	172565	267456	28.10%	2.463%
7	7.610	745	752	760	rBV	235761	370092	38.89%	3.408%
8	7.687	760	765	771	rBV2	4214	7207	0.76%	0.066%
9	8.087	826	833	839	rBV	145416	225363	23.68%	2.075%
10	8.145	839	843	849	rVB3	2267	3515	0.37%	0.032%
11	8.798	947	954	965	rVB	263263	427455	44.92%	3.936%
12	9.263	1026	1033	1040	rVB	208927	344101	36.16%	3.169%
13	9.357	1045	1049	1053	rBV3	2057	2280	0.24%	0.021%
14	9.422	1053	1060	1064	rBV3	678	1163	0.12%	0.011%
15	9.645	1094	1098	1102	rVB2	1517	2177	0.23%	0.020%
16	9.986	1149	1156	1163	rBV	186190	297967	31.31%	2.744%
17	10.522	1240	1247	1255	rBV	270992	439169	46.15%	4.044%
18	10.910	1305	1313	1321	rBV	190324	315540	33.16%	2.906%
19	11.039	1326	1335	1343	rBV	266202	435936	45.81%	4.014%
20	11.228	1363	1367	1373	rBV3	2280	3124	0.33%	0.029%
21	12.310	1545	1551	1554	rBV3	1002	1665	0.17%	0.015%
22	12.486	1575	1581	1585	rBV	4052	5699	0.60%	0.052%
23	13.533	1756	1759	1767	rBB	3378	4223	0.44%	0.039%
24	13.610	1767	1772	1777	rBV2	1795	2794	0.29%	0.026%
25	13.780	1796	1801	1803	rBV3	890	995	0.10%	0.009%
26	14.127	1854	1860	1865	rBV	453781	605471	63.62%	5.576%
27	14.174	1865	1868	1873	rVB	29600	35405	3.72%	0.326%
28	14.421	1903	1910	1917	rBV	523420	738890	77.64%	6.804%
29	14.604	1937	1941	1943	rBV	1280	1365	0.14%	0.013%
30	14.721	1955	1961	1968	rVB	271062	399842	42.01%	3.682%
31	14.910	1987	1993	2006	rVB	198654	275505	28.95%	2.537%
32	15.110	2024	2027	2030	rBV2	1363	1526	0.16%	0.014%
33	15.710	2123	2129	2135	rBV	624682	852312	89.56%	7.849%
34	15.827	2144	2149	2155	rBV	186229	244519	25.69%	2.252%

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35	15.945	2164	2169	2176	rVB2	5677	7375	0.77%	0.068%
36	16.486	2258	2261	2265	rVB	1177	1304	0.14%	0.012%
37	16.674	2283	2293	2298	rBV	3599	5182	0.54%	0.048%
38	16.827	2316	2319	2324	rBV3	1521	2063	0.22%	0.019%
39	17.239	2385	2389	2394	rBV3	1188	2019	0.21%	0.019%
40	17.451	2419	2425	2431	rBV	323716	433822	45.59%	3.995%
41	17.551	2435	2442	2448	rBV	611703	858256	90.18%	7.903%
42	17.627	2453	2455	2458	rVV2	2604	2223	0.23%	0.020%
43	17.692	2462	2466	2470	rBV5	1493	2173	0.23%	0.020%
44	18.151	2539	2544	2545	rBV4	536	964	0.10%	0.009%
45	18.315	2566	2572	2582	rBV	65758	87199	9.16%	0.803%
46	18.662	2629	2631	2634	rBV3	1183	1369	0.14%	0.013%
47	18.845	2658	2662	2666	rBV5	1289	1749	0.18%	0.016%
48	19.027	2691	2693	2696	rBV2	1004	981	0.10%	0.009%
49	19.109	2706	2707	2713	rVB5	1448	1656	0.17%	0.015%
50	19.451	2759	2765	2769	rBV2	6187	10848	1.14%	0.100%
51	19.574	2782	2786	2791	rBV2	14451	17062	1.79%	0.157%
52	19.668	2800	2802	2803	rBV	1276	979	0.10%	0.009%
53	19.703	2805	2808	2811	rBV	4508	5043	0.53%	0.046%
54	19.815	2821	2827	2836	rBV	728116	951665	100.00%	8.764%
55	21.268	3071	3074	3079	rBV2	50764	60476	6.35%	0.557%
56	21.574	3121	3126	3134	rBV	350706	446802	46.95%	4.114%
57	23.744	3488	3495	3505	rVB	436971	848759	89.19%	7.816%
58	23.891	3514	3520	3529	rVB2	208247	396152	41.63%	3.648%

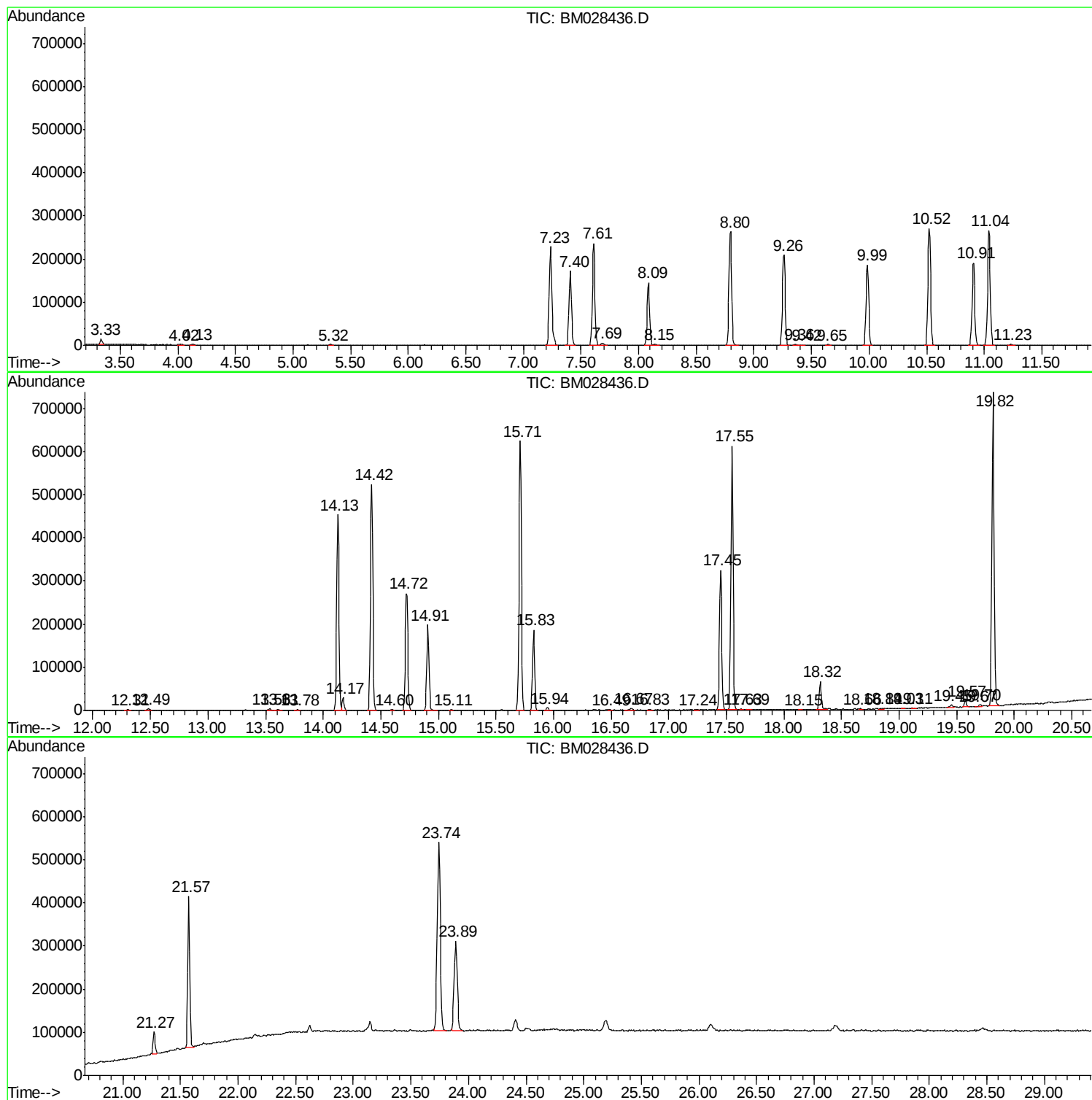
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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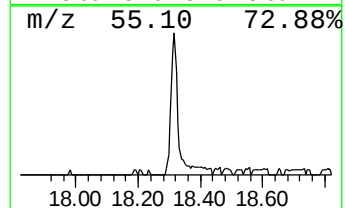
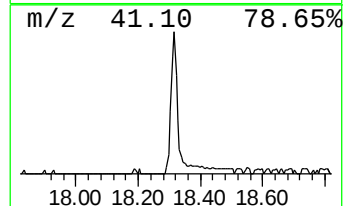
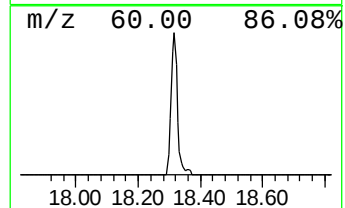
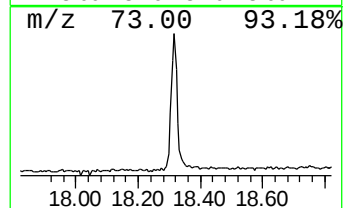
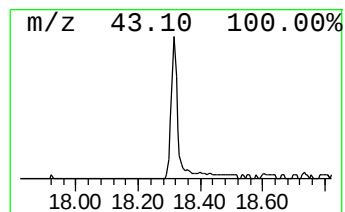
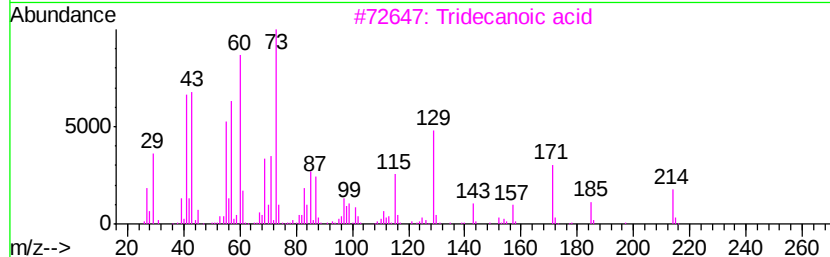
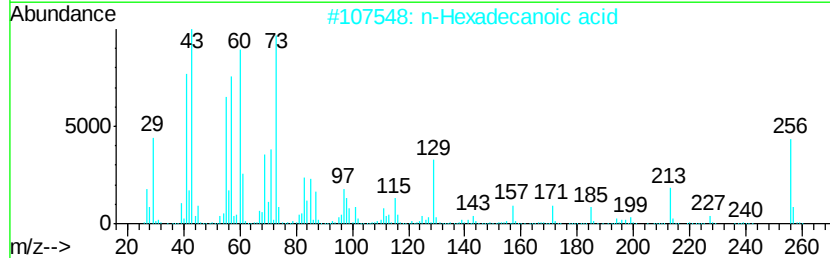
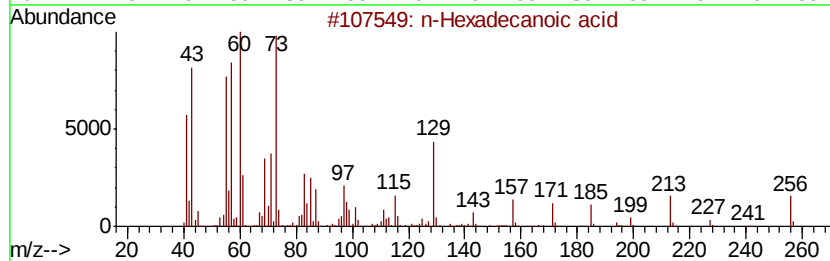
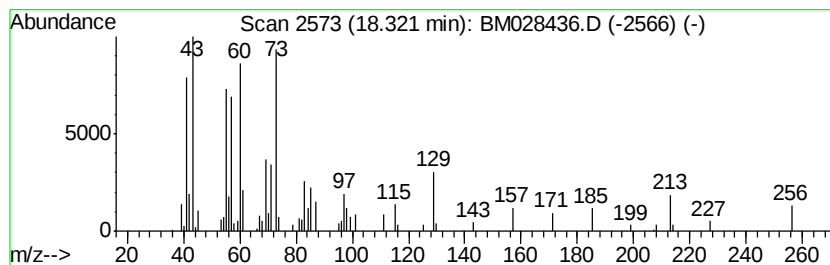
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.02 ng/ul	87199	Phenanthrene-d10	17.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



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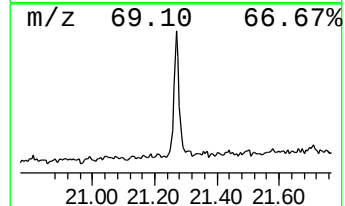
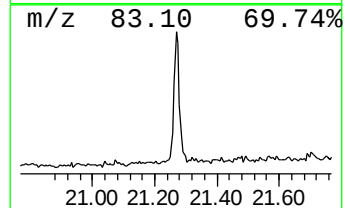
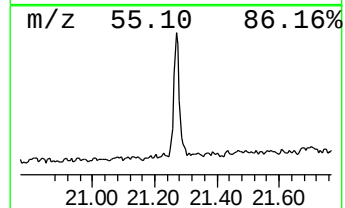
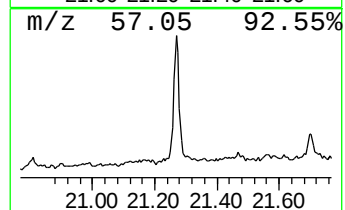
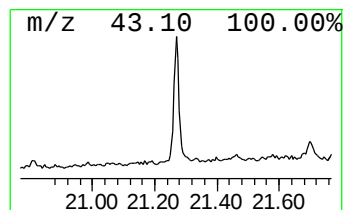
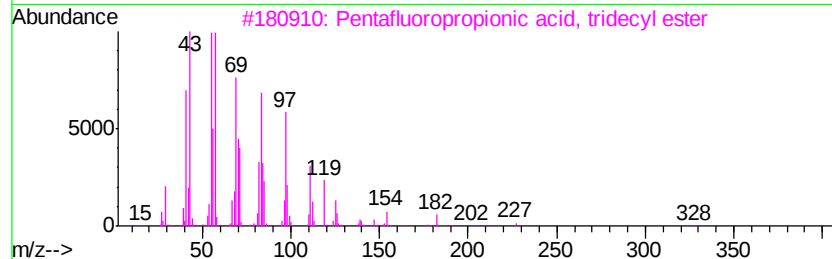
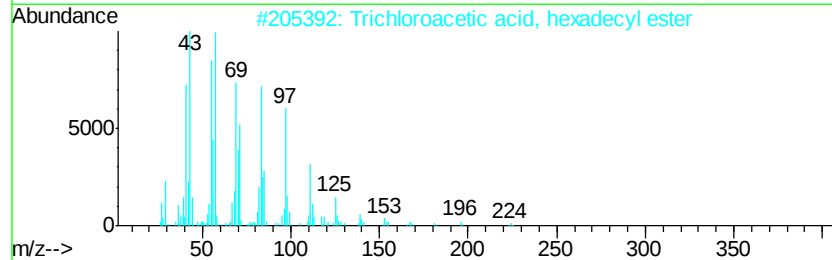
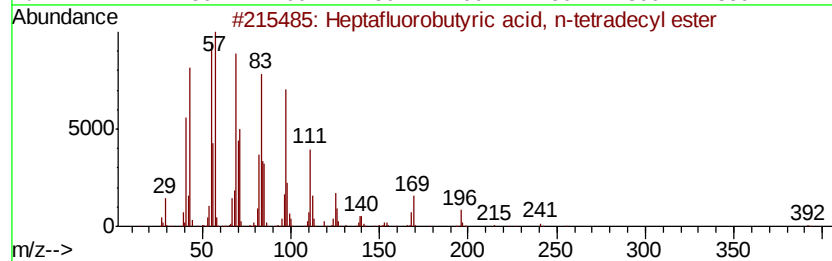
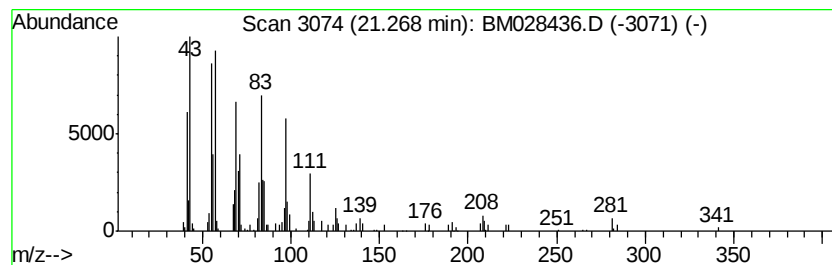
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Peak Number 2 Heptafluorobutyric acid, n-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.71 ng/ul	60476	Chrysene-d12	21.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3		Pentafluoropropionic acid, tridec...	346	C16H27F5O2	959261-22-4	93
4		Cyclotetracosane	336	C24H48	000297-03-0	93
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.32	4.0	ng/ul	87199	4	17.45	433822	20.0
Heptafluorobutyri...	21.27	2.7	ng/ul	60476	5	21.57	446802	20.0