

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007376.D
 Acq On : 02 Sep 2016 20:22
 Operator : UM/SJ
 Sample : H4639-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD394

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\SOM02.2-EPA-BM082316.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	6.963	737	744	759	rBV	1087233	1830254	16.31%	1.755%
2	7.128	766	772	783	rBV	824795	1258349	11.21%	1.206%
3	7.328	798	806	815	rBV	1084893	1774657	15.82%	1.701%
4	7.793	878	885	893	rBV	883214	1414289	12.60%	1.356%
5	8.493	995	1004	1014	rBV	1489928	2407188	21.45%	2.308%
6	8.946	1074	1081	1093	rBV	1102572	1881299	16.77%	1.803%
7	9.063	1094	1101	1106	rBV2	90681	149821	1.34%	0.144%
8	9.663	1196	1203	1212	rBV	988911	1677310	14.95%	1.608%
9	10.199	1287	1294	1311	rBV	1511213	2581522	23.01%	2.475%
10	10.581	1349	1359	1366	rBV	1332809	2295034	20.45%	2.200%
11	10.716	1374	1382	1396	rBV	1712728	2981121	26.57%	2.858%
12	13.834	1906	1912	1916	rBV	3187387	4706499	41.94%	4.512%
13	13.881	1916	1920	1928	rVB	3035024	4130878	36.81%	3.960%
14	14.116	1953	1960	1972	rVB	3396519	5159072	45.98%	4.946%
15	14.428	2004	2013	2021	rBV2	2246899	3515551	31.33%	3.370%
16	14.628	2038	2047	2066	rBV	1592548	2601810	23.19%	2.494%
17	15.422	2175	2182	2194	rVB	4451321	6750277	60.16%	6.471%
18	15.539	2196	2202	2212	rBV	1637070	2287071	20.38%	2.192%
19	15.657	2217	2222	2230	rBV4	73432	143506	1.28%	0.138%
20	16.133	2298	2303	2311	rBV	136910	237529	2.12%	0.228%
21	16.928	2433	2438	2451	rBV	586790	921124	8.21%	0.883%
22	17.169	2472	2479	2486	rBV2	3253096	4755317	42.38%	4.559%
23	17.269	2487	2496	2505	rVV2	5455418	7839006	69.86%	7.515%
24	18.063	2624	2631	2640	rBV	579081	925133	8.24%	0.887%
25	19.192	2820	2823	2835	rBV	97752	208475	1.86%	0.200%
26	19.339	2843	2848	2862	rBV2	197122	351094	3.13%	0.337%
27	19.563	2879	2886	2892	rBV	7314943	10140841	90.37%	9.721%
28	21.057	3136	3140	3151	rBV	842833	1261417	11.24%	1.209%
29	21.351	3184	3190	3201	rBV	5616544	6951945	61.95%	6.664%
30	21.498	3212	3215	3224	rVB2	124663	165253	1.47%	0.158%
31	21.933	3286	3289	3296	rBV3	127318	225158	2.01%	0.216%
32	22.404	3365	3369	3381	rVB2	280353	487552	4.34%	0.467%
33	22.915	3452	3456	3461	rVB	237988	321485	2.86%	0.308%
34	23.480	3543	3552	3561	rBV2	5855016	11221324	100.00%	10.757%

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35	23.621	3568	3576	3589	rVB2	3415269	6805222	60.65%	6.524%
36	24.139	3659	3664	3671	rVB	314942	588947	5.25%	0.565%
37	24.233	3676	3680	3689	rVB7	123716	260757	2.32%	0.250%
38	24.898	3787	3793	3800	rVB	286787	613990	5.47%	0.589%
39	25.774	3936	3942	3950	rVB2	196566	488789	4.36%	0.469%

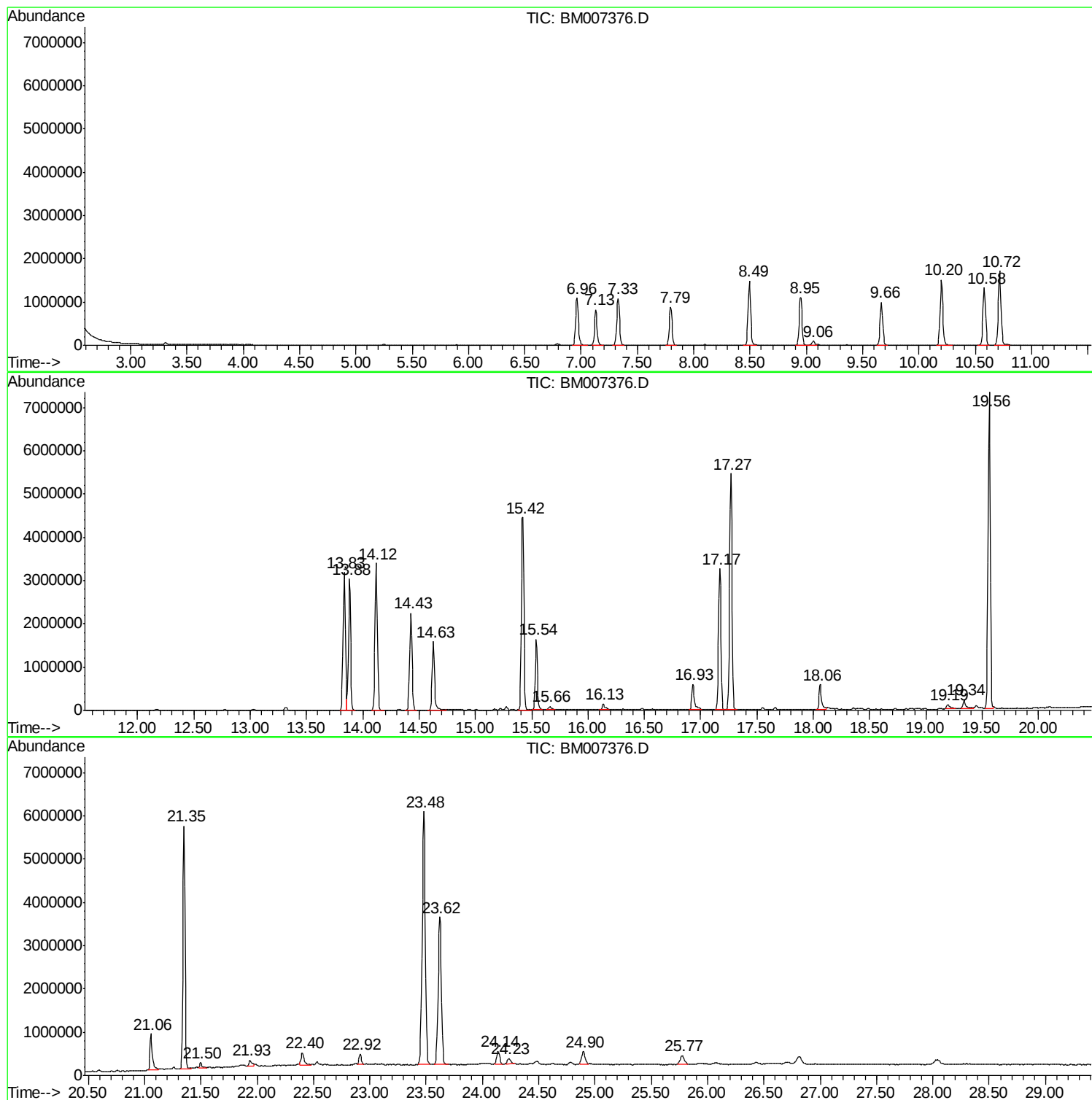
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



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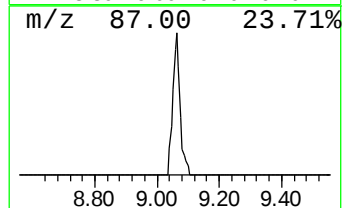
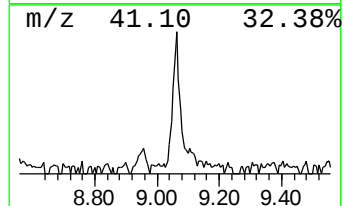
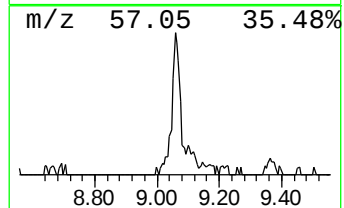
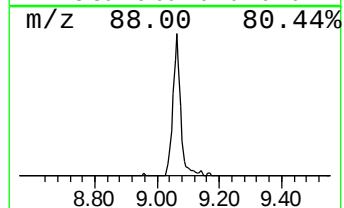
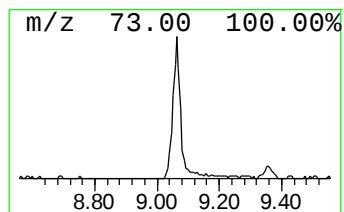
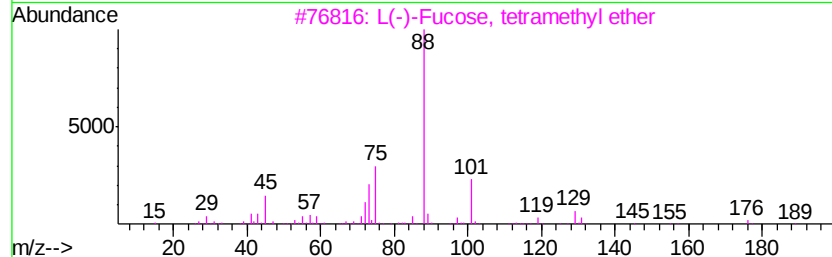
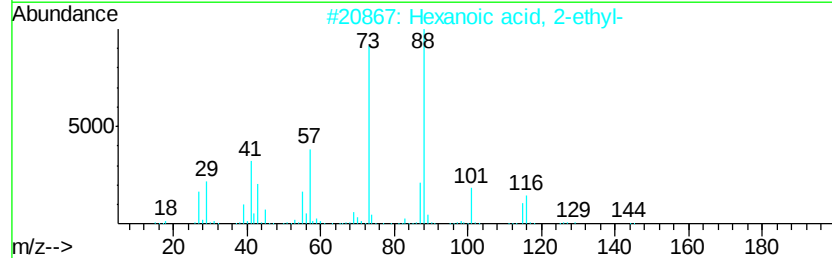
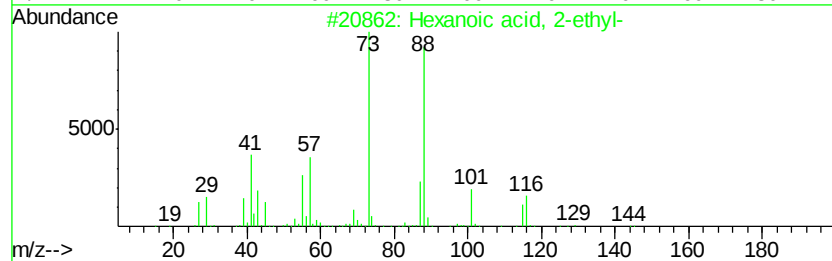
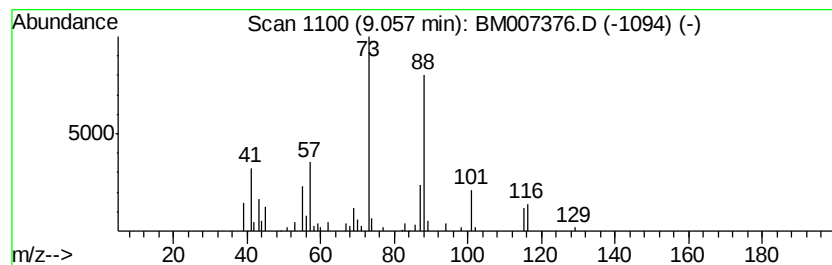
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.12 ng/ul	149821	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
3		L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	53
4		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
5		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42



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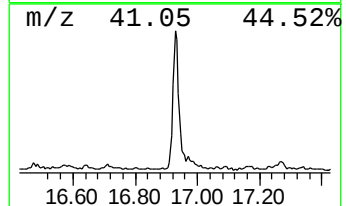
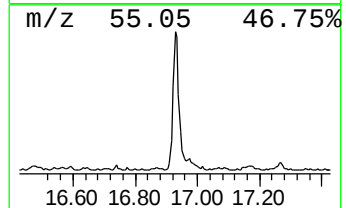
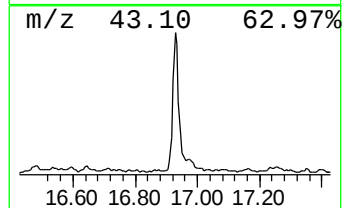
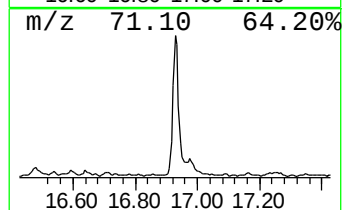
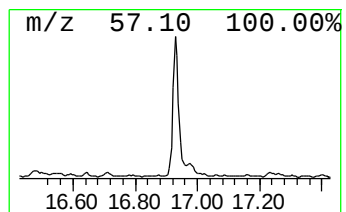
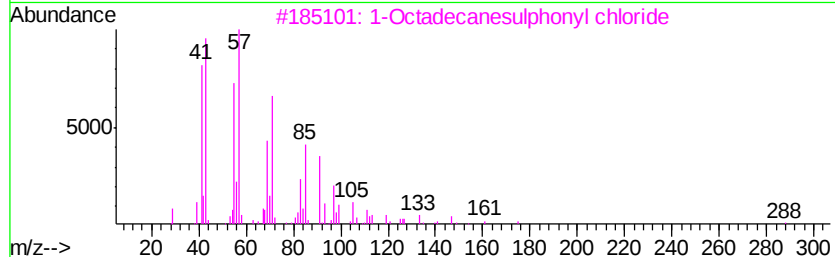
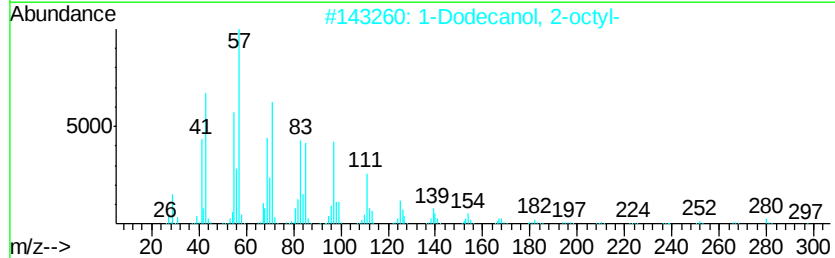
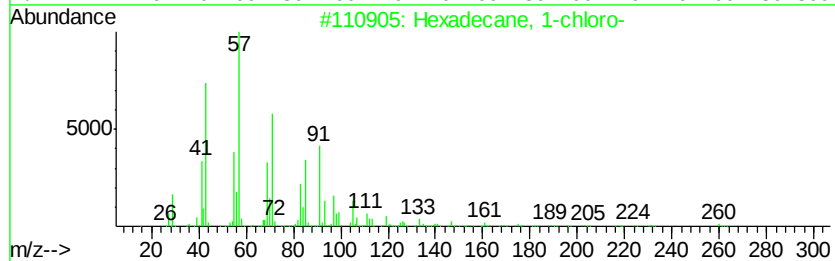
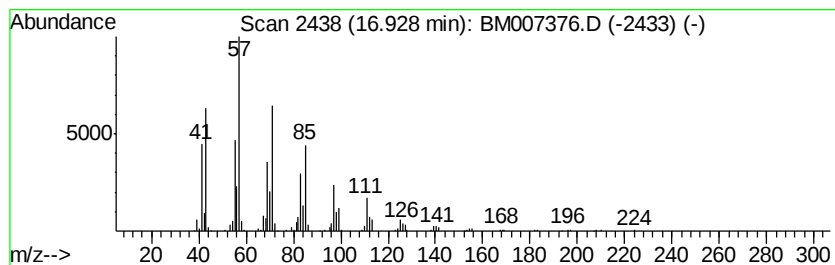
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Peak Number 2 Hexadecane, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	3.87 ng/ul	921124	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	chloride	260	C16H33Cl	004860-03-1	90
2	1-Dodecanol, 2-octyl-		298	C20H42O	005333-42-6	87
3	1-Octadecanesulphonyl		352	C18H37ClO2S	1000342-70-4	87
4	1-Dodecanol, 2-hexyl-		270	C18H38O	110225-00-8	87
5	Tetradecane		198	C14H30	000629-59-4	64



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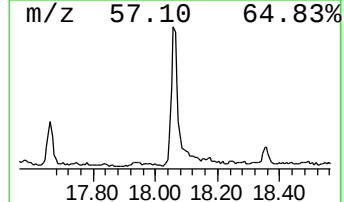
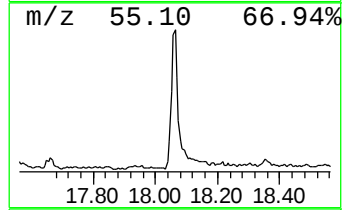
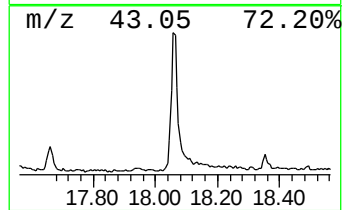
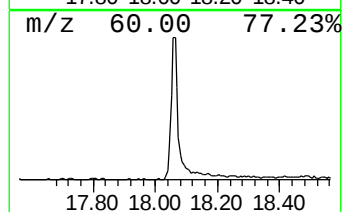
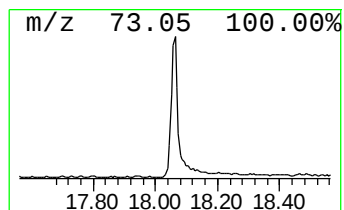
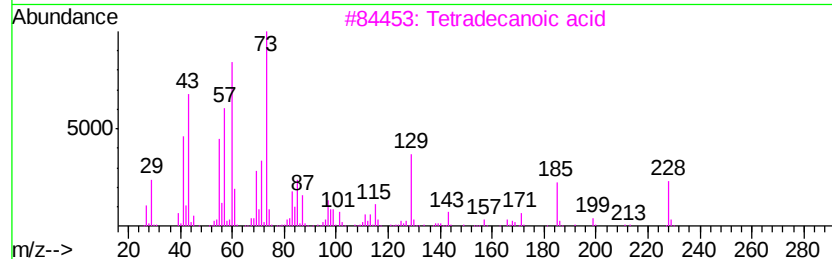
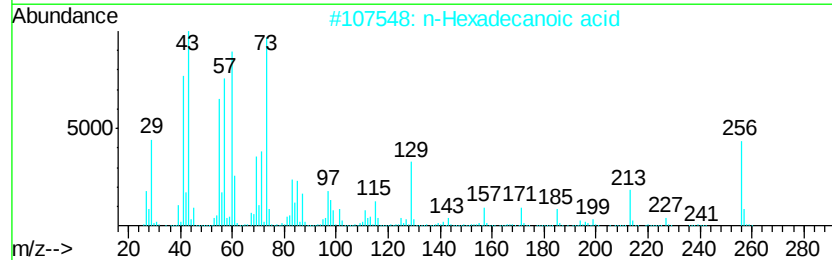
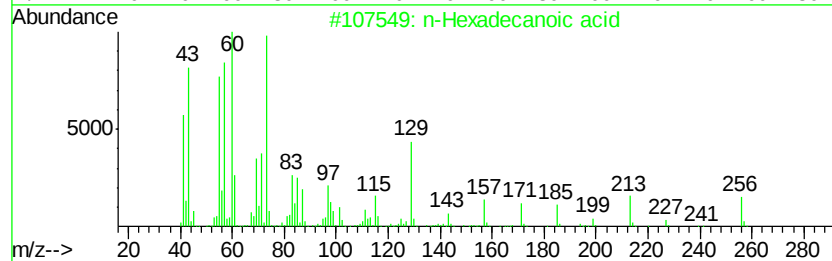
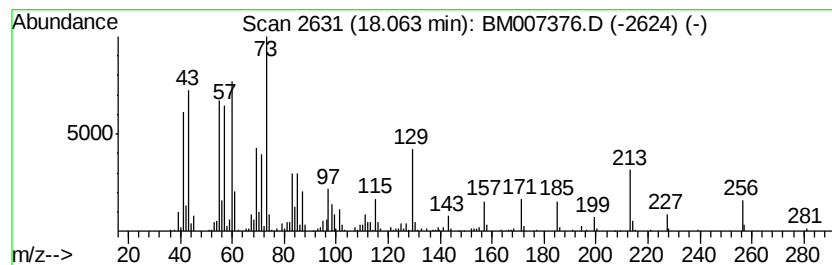
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.89 ng/ul	925133	Phenanthrene-d10	17.17

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	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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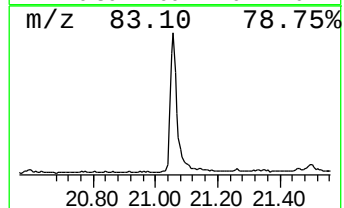
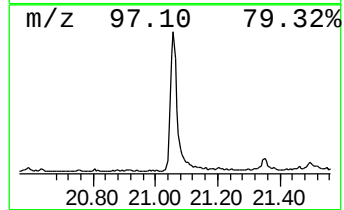
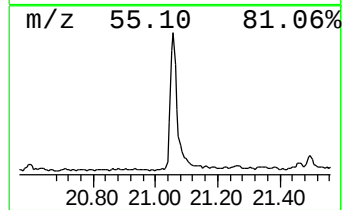
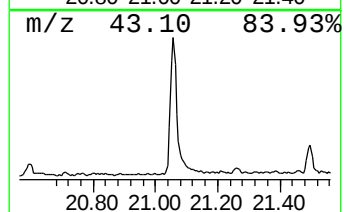
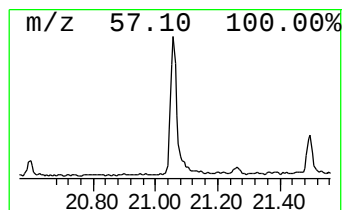
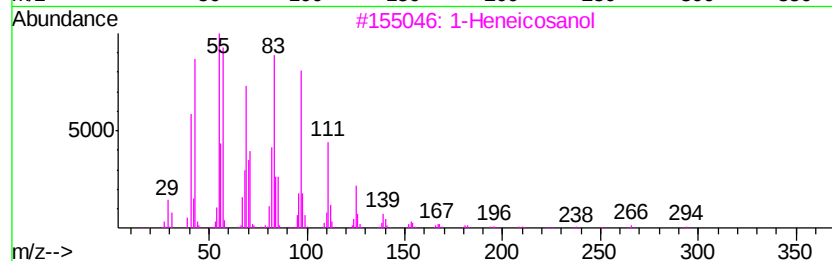
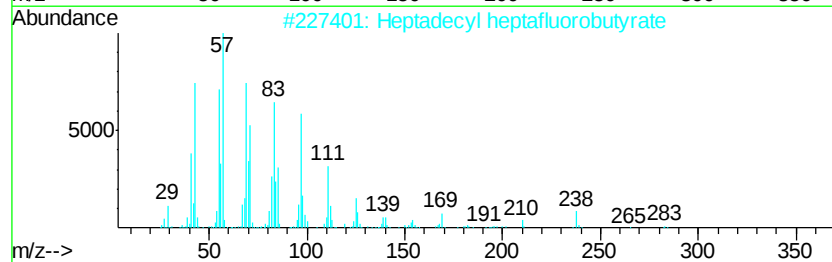
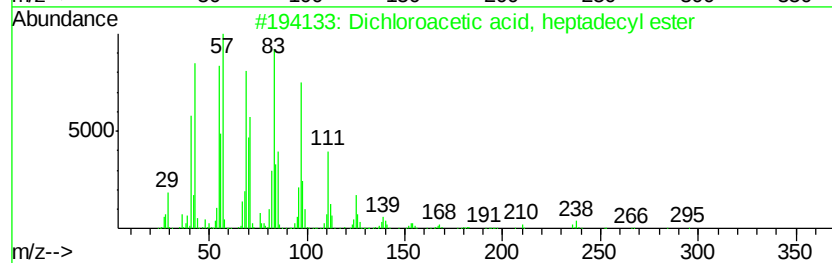
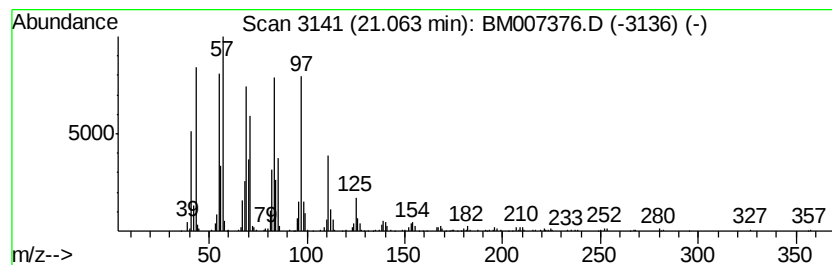
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Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.63 ng/ul	1261420	Chrysene-d12	21.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94	
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94	
3	1-Heneicosanol	312	C21H44O	015594-90-8	93	
4	Cetene	224	C16H32	000629-73-2	93	
5	Behenic alcohol	326	C22H46O	000661-19-8	93	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanoic acid, 2-...	9.06	2.1	ng/ul	149821	1	7.79	1414290	20.0
Hexadecane, 1-chl...	16.93	3.9	ng/ul	921124	4	17.17	4755320	20.0
n-Hexadecanoic acid	18.06	3.9	ng/ul	925133	4	17.17	4755320	20.0
Dichloroacetic ac...	21.06	3.6	ng/ul	1261420	5	21.35	6951950	20.0