

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013456.D
 Acq On : 16 Dec 2017 01:42
 Operator : SJ/JU
 Sample : I6779-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A86

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	4.252	194	198	203	rBV	86719	111719	1.59%	0.145%
2	4.834	293	297	303	rVB	83247	114859	1.64%	0.149%
3	6.857	634	641	652	rVB	1279696	2273039	32.36%	2.956%
4	7.016	662	668	677	rVB	871140	1326869	18.89%	1.726%
5	7.210	694	701	712	rVB	1329277	2024982	28.83%	2.634%
6	7.675	774	780	787	rBV	977438	1503468	21.40%	1.955%
7	8.381	893	900	911	rBV	1672657	2695247	38.37%	3.505%
8	8.828	969	976	984	rBV	1236922	2000155	28.47%	2.601%
9	9.545	1090	1098	1111	rBV	1074470	1788739	25.46%	2.326%
10	10.081	1181	1189	1203	rBV	1709679	2851558	40.59%	3.709%
11	10.451	1244	1252	1259	rBV	1321567	2200977	31.33%	2.863%
12	10.592	1267	1276	1296	rBV	925351	1717018	24.44%	2.233%
13	11.980	1505	1512	1520	rBV	845613	1406642	20.02%	1.829%
14	13.733	1803	1810	1814	rBV	3144245	4207650	59.90%	5.472%
15	13.780	1814	1818	1825	rVB	641583	894652	12.74%	1.164%
16	14.010	1847	1857	1868	rBV	3443093	4967449	70.72%	6.461%
17	14.221	1888	1893	1898	rBV	83466	109314	1.56%	0.142%
18	14.316	1900	1909	1917	rBV2	1950482	3043579	43.33%	3.958%
19	14.533	1939	1946	1964	rBV	1326746	2128942	30.31%	2.769%
20	15.180	2050	2056	2061	rVB	125402	163037	2.32%	0.212%
21	15.315	2072	2079	2086	rVB	4199989	5865072	83.49%	7.628%
22	15.445	2094	2101	2112	rBV	1267453	1783374	25.39%	2.319%
23	15.557	2115	2120	2123	rBV3	60527	98931	1.41%	0.129%
24	16.039	2198	2202	2210	rBV	126268	201281	2.87%	0.262%
25	16.833	2331	2337	2341	rBV2	80313	109722	1.56%	0.143%
26	17.068	2370	2377	2383	rBV	2612585	3706134	52.76%	4.820%
27	17.168	2387	2394	2404	rVB2	4387929	6367487	90.65%	8.281%
28	17.974	2525	2531	2540	rBV	454467	731243	10.41%	0.951%
29	19.098	2717	2722	2726	rBV	58915	100428	1.43%	0.131%
30	19.256	2745	2749	2759	rBV	304009	476472	6.78%	0.620%
31	19.351	2761	2765	2772	rVB2	55364	84425	1.20%	0.110%
32	19.468	2778	2785	2791	rBV	5103628	7024512	100.00%	9.136%
33	19.521	2791	2794	2799	rVB3	73293	89386	1.27%	0.116%
34	20.974	3037	3041	3047	rBV	354806	463357	6.60%	0.603%

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35	21.256	3084	3089	3096	rBV	3081001	3658867	52.09%	4.759%
36	21.415	3113	3116	3122	rBV5	56743	74448	1.06%	0.097%
37	21.844	3186	3189	3193	rBV4	66931	105606	1.50%	0.137%
38	22.303	3265	3267	3272	rVB3	92497	116151	1.65%	0.151%
39	22.803	3349	3352	3357	rVB2	89111	121449	1.73%	0.158%
40	23.338	3436	3443	3455	rVB2	2736689	5254225	74.80%	6.833%
41	23.480	3460	3467	3475	rVB	1488844	2747029	39.11%	3.573%
42	24.009	3552	3557	3562	rVB3	100259	179965	2.56%	0.234%

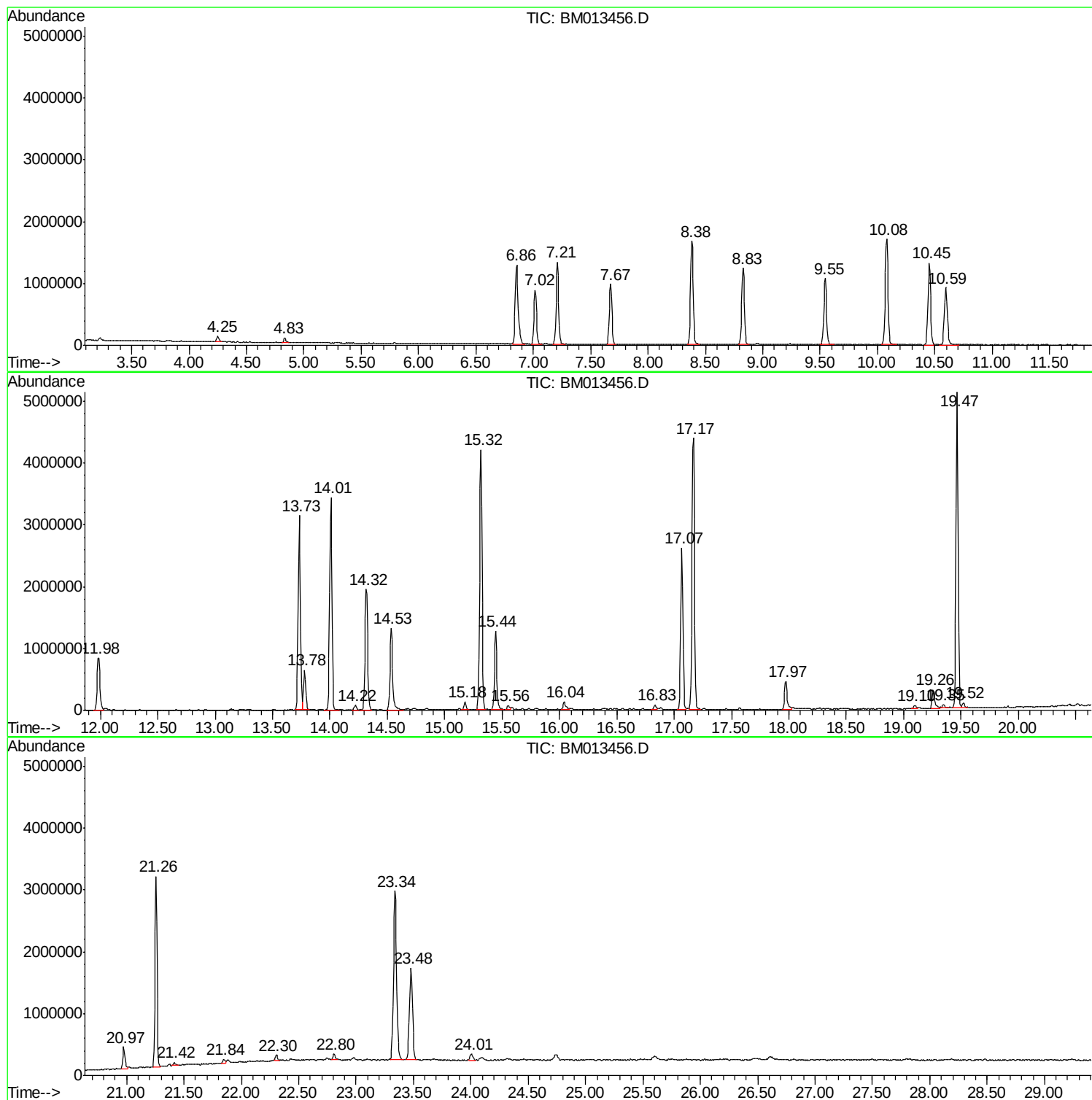
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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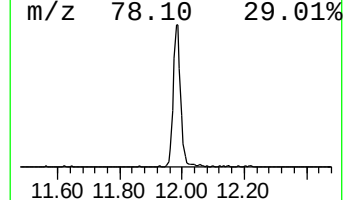
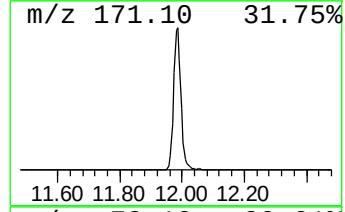
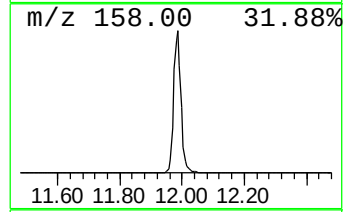
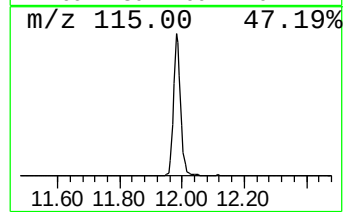
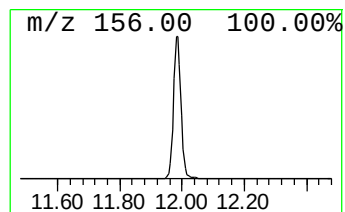
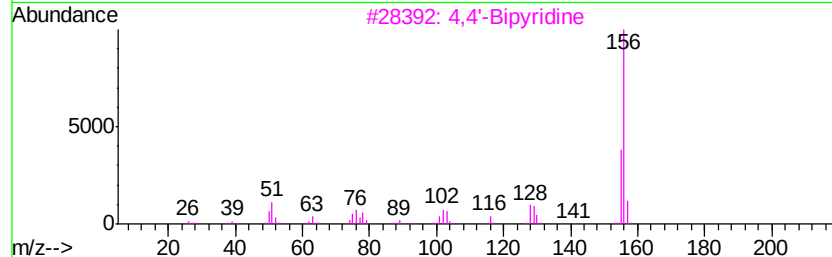
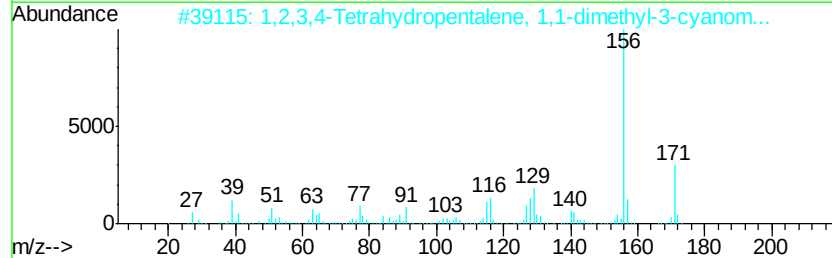
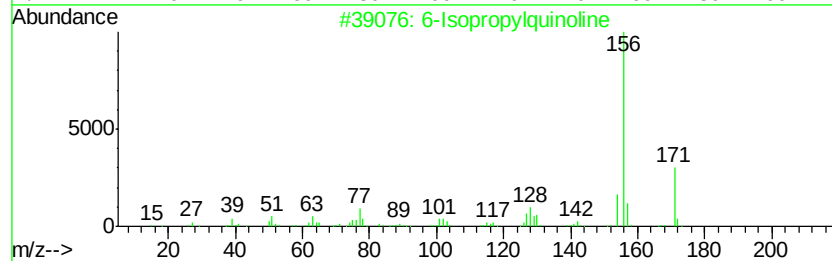
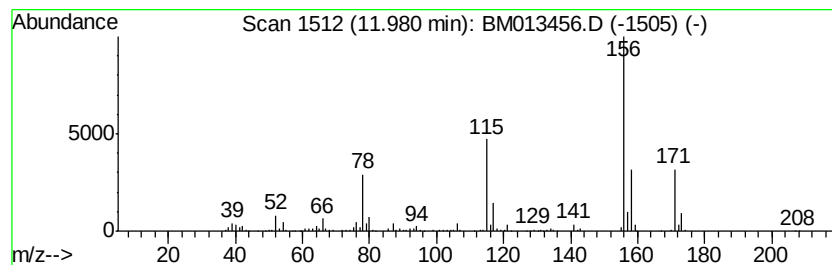
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	12.78 ng/ul	1406640	Napthalene-d8	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Isopropylquinoline	171 C12H13N	000135-79-5	38
2	1,2,3,4-Tetrahydropentalene, 1,1...	171 C12H13N	1000217-18-6	37
3	4,4'-Bipyridine	156 C10H8N2	000553-26-4	27
4	2,2'-Bipyridine	156 C10H8N2	000366-18-7	25
5	2-(2-Chloro-pyridin-3-yl)-propan...	171 C8H10ClNO	267003-35-0	25



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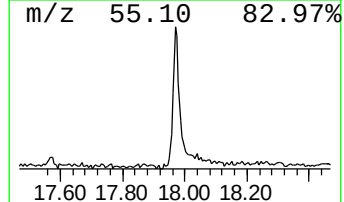
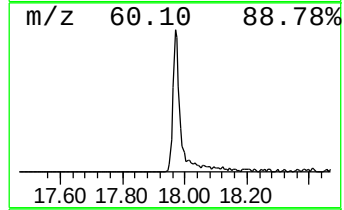
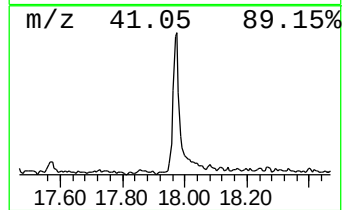
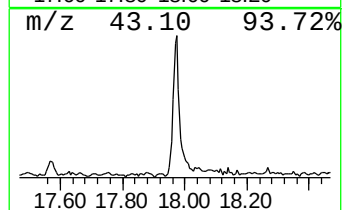
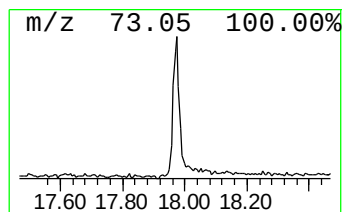
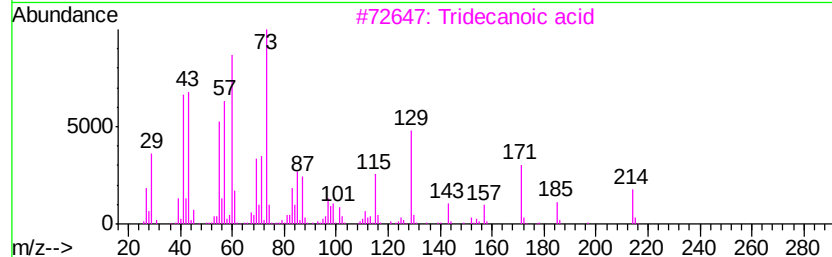
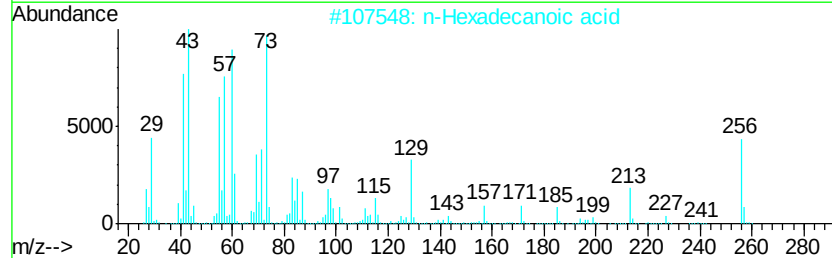
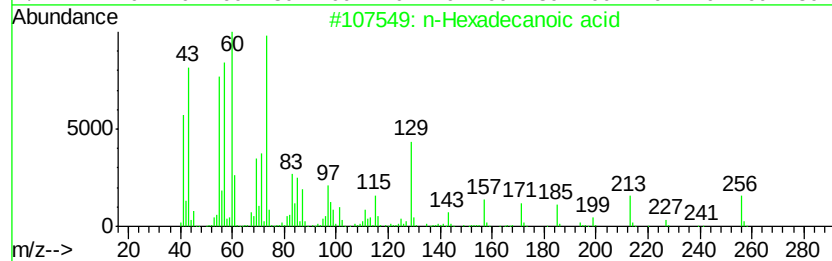
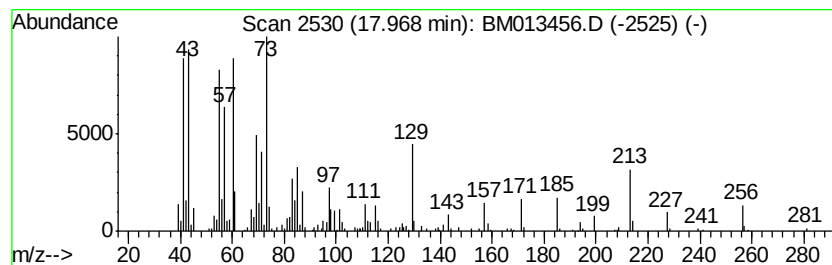
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.95 ng/ul	731243	Phenanthrene-d10	17.07

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	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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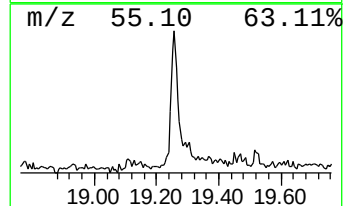
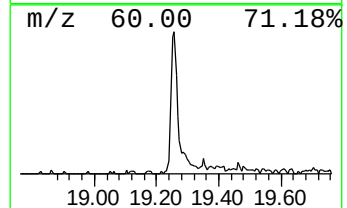
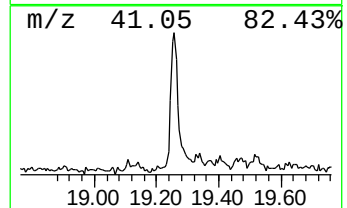
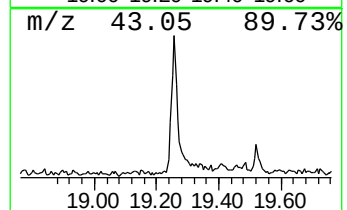
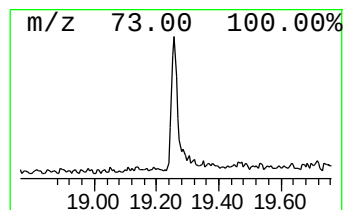
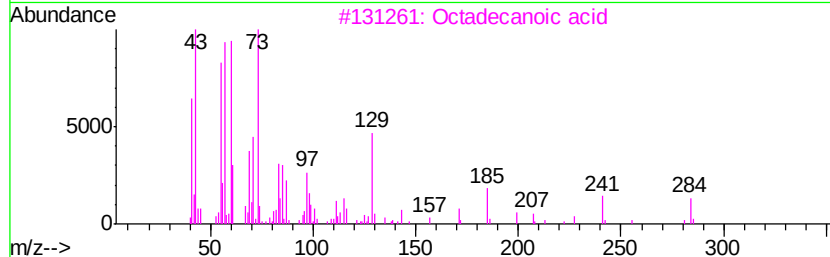
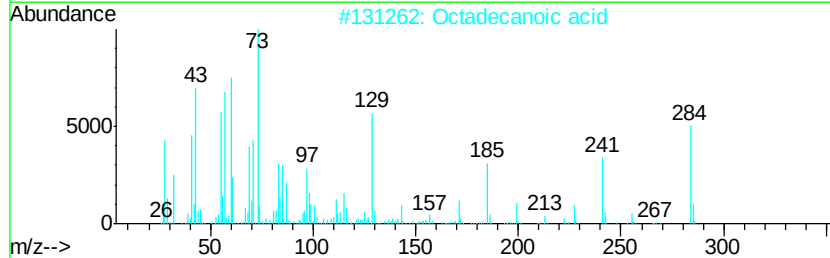
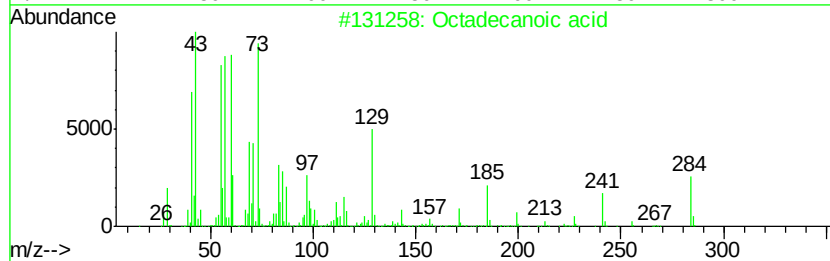
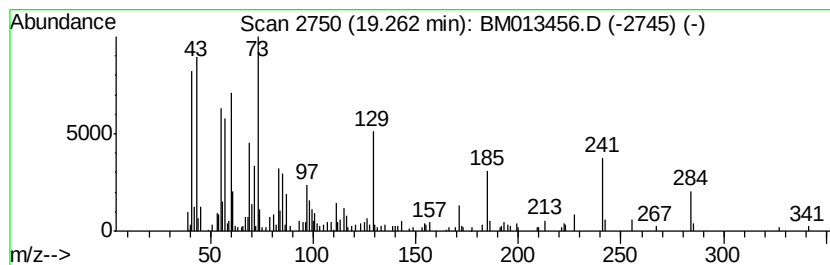
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.60 ng/ul	476472	Chrysene-d12	21.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86	



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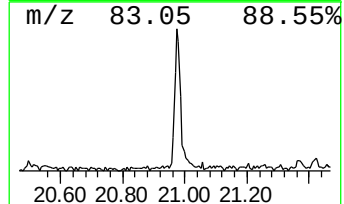
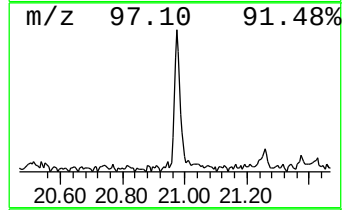
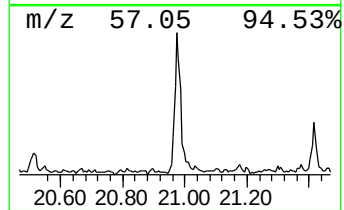
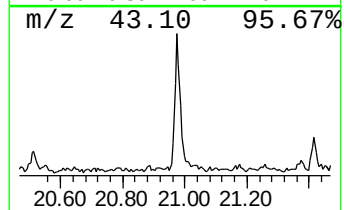
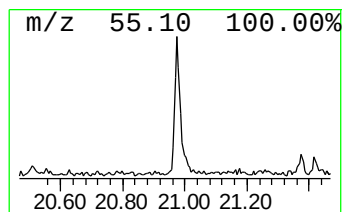
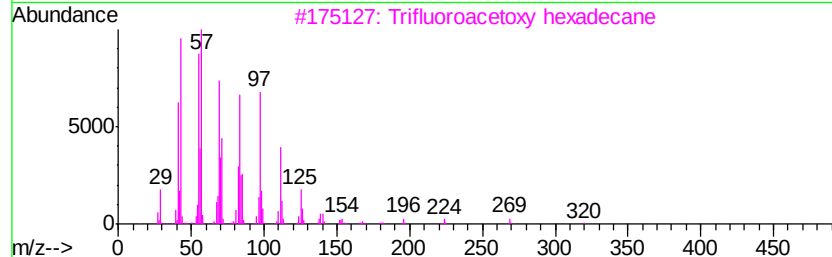
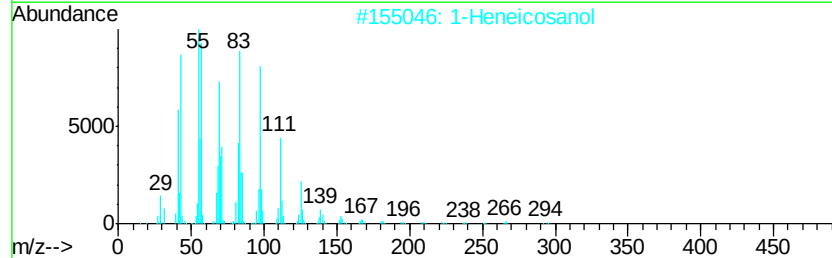
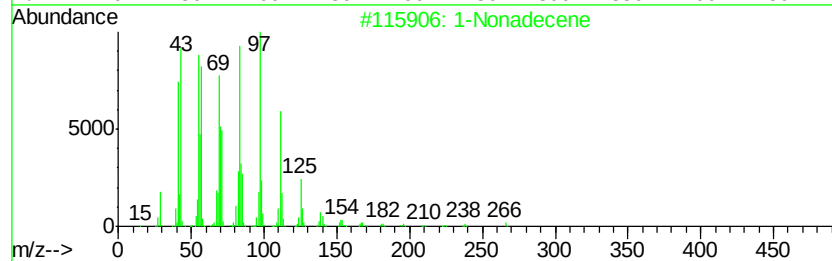
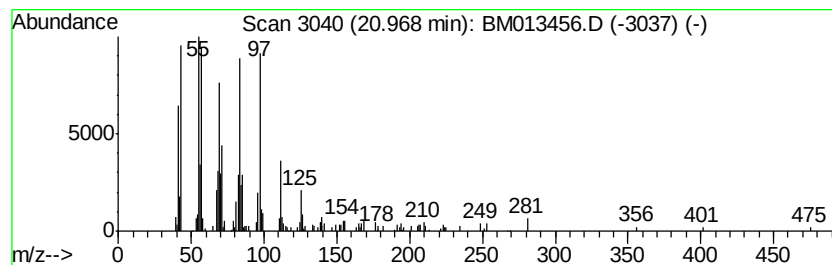
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.97	2.53 ng/ul	463357	Chrysene-d12	21.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	11.98	12.8	ng/ul	1406640	2	10.45	2200980	20.0
n-Hexadecanoic acid	17.97	4.0	ng/ul	731243	4	17.07	3706130	20.0
Octadecanoic acid	19.26	2.6	ng/ul	476472	5	21.26	3658870	20.0
(DEL) Alkane: Str...	20.97	2.5	ng/ul	463357	5	21.26	3658870	20.0