

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014956.D
 Acq On : 03 May 2018 23:13
 Operator : SJ/JU
 Sample : J2554-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF0

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-BM041918.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	3.340	4	9	16	rVB	2901905	3883290	75.34%	5.212%
2	3.640	56	60	70	rVB	74067	116534	2.26%	0.156%
3	4.228	155	160	168	rBV	56608	81908	1.59%	0.110%
4	5.481	366	373	382	rVB2	27785	54518	1.06%	0.073%
5	6.504	538	547	553	rBV	34843	66110	1.28%	0.089%
6	7.081	637	645	656	rVB3	24828	53038	1.03%	0.071%
7	7.616	728	736	750	rBV	1179908	2067873	40.12%	2.775%
8	7.793	759	766	777	rBV	939711	1525871	29.61%	2.048%
9	8.010	796	803	811	rBV	1223379	2002020	38.84%	2.687%
10	8.493	877	885	900	rBV	1608726	2637524	51.17%	3.540%
11	9.187	997	1003	1014	rBV	1147187	1924195	37.33%	2.582%
12	9.675	1078	1086	1094	rBV	1083747	1840374	35.71%	2.470%
13	10.034	1142	1147	1157	rVB	40576	62629	1.22%	0.084%
14	10.404	1202	1210	1224	rBV	833059	1441771	27.97%	1.935%
15	10.939	1294	1301	1311	rBV	1273885	2148201	41.68%	2.883%
16	11.334	1360	1368	1376	rBV	2094515	3567328	69.21%	4.788%
17	11.457	1382	1389	1402	rBV	1119455	1985095	38.52%	2.664%
18	13.892	1797	1803	1809	rBV	44487	63081	1.22%	0.085%
19	14.486	1895	1904	1908	rBV	1988278	2739774	53.16%	3.677%
20	14.533	1908	1912	1917	rVB	484707	665497	12.91%	0.893%
21	14.798	1950	1957	1968	rBV	2303869	3460077	67.13%	4.644%
22	14.945	1977	1982	1988	rVB	162459	212310	4.12%	0.285%
23	15.098	2001	2008	2015	rBV2	2635019	4058092	78.74%	5.446%
24	15.257	2024	2035	2051	rBV	710566	1177596	22.85%	1.580%
25	15.557	2082	2086	2094	rVB2	39145	60809	1.18%	0.082%
26	15.845	2129	2135	2138	rBV	58941	88720	1.72%	0.119%
27	15.886	2138	2142	2147	rVB	221072	279541	5.42%	0.375%
28	16.074	2167	2174	2180	rBV	2846192	4063976	78.85%	5.454%
29	16.174	2186	2191	2201	rBV	672779	936872	18.18%	1.257%
30	16.286	2202	2210	2221	rVB2	51996	162344	3.15%	0.218%
31	16.733	2281	2286	2298	rBV	182298	321502	6.24%	0.431%
32	17.516	2415	2419	2424	rBV	103018	136385	2.65%	0.183%
33	17.810	2463	2469	2474	rBV	3035536	4335482	84.12%	5.818%
34	17.851	2474	2476	2480	rVV	219260	255771	4.96%	0.343%

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35	17.910	2480	2486	2498	rVB	2652535	4015509	77.91%	5.389%
36	18.245	2540	2543	2547	rVB	52438	64778	1.26%	0.087%
37	18.527	2586	2591	2596	rBV5	35829	59414	1.15%	0.080%
38	18.580	2596	2600	2605	rBV2	71953	93588	1.82%	0.126%
39	18.639	2605	2610	2619	rVV	701580	1027058	19.93%	1.378%
40	18.715	2620	2623	2631	rVB2	60534	98598	1.91%	0.132%
41	18.863	2642	2648	2652	rBV3	53036	113582	2.20%	0.152%
42	19.551	2760	2765	2772	rBV7	32358	79425	1.54%	0.107%
43	19.815	2799	2810	2816	rVB	588683	898323	17.43%	1.206%
44	19.880	2816	2821	2830	rBV	400249	593946	11.52%	0.797%
45	20.145	2860	2866	2877	rBV2	3246366	5154038	100.00%	6.917%
46	21.556	3102	3106	3114	rBV3	471176	664100	12.89%	0.891%
47	21.898	3158	3164	3169	rBV	3432047	4994771	96.91%	6.703%
48	24.215	3552	3558	3564	rVB	2012943	3763539	73.02%	5.051%
49	24.374	3579	3585	3593	rVB2	2223821	4416052	85.68%	5.927%

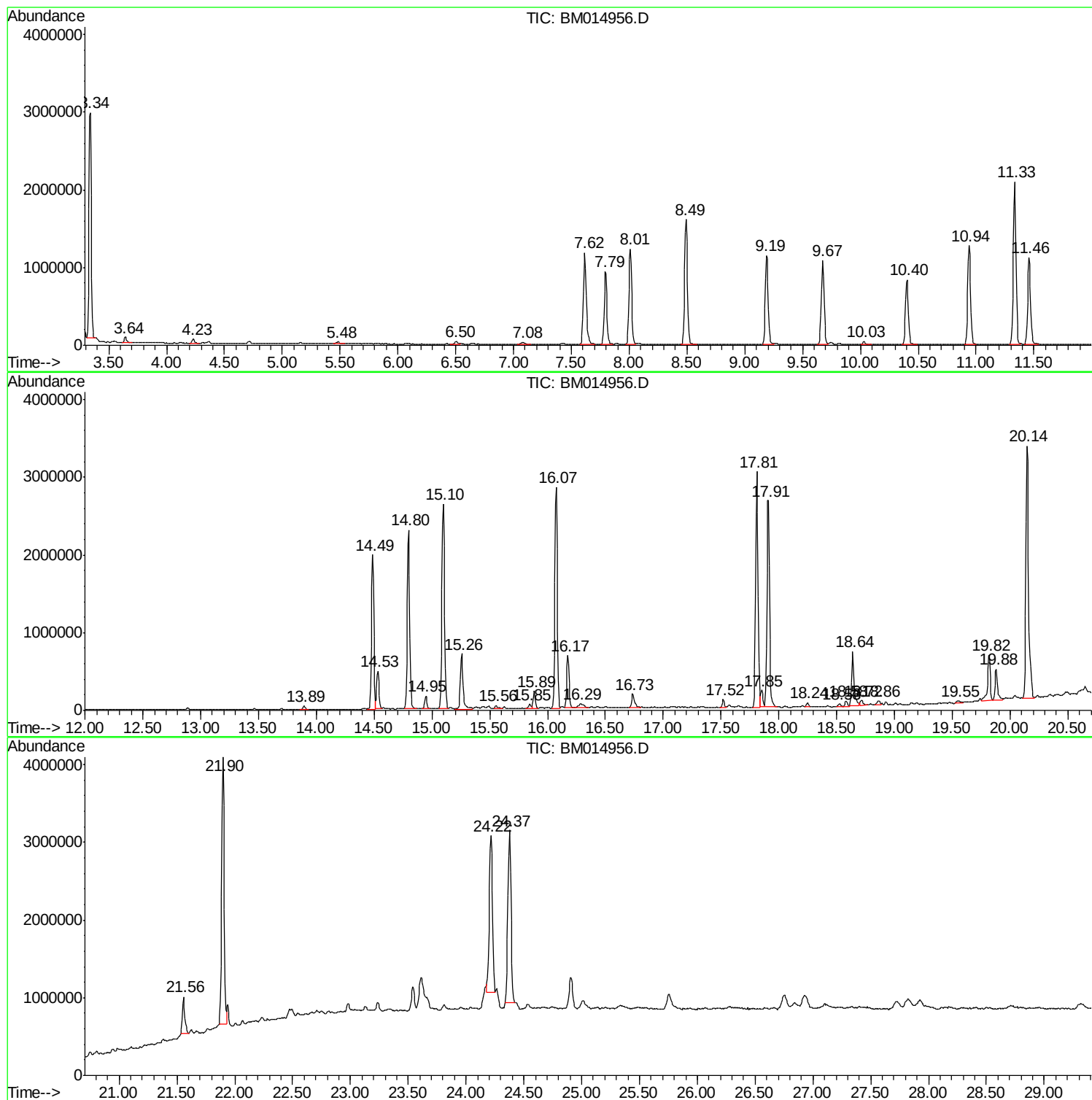
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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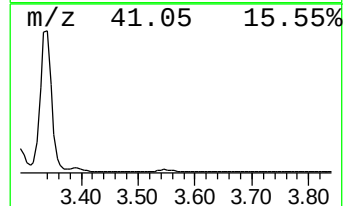
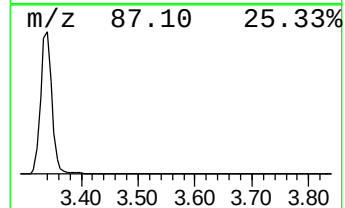
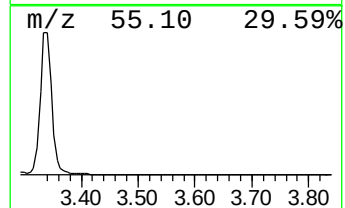
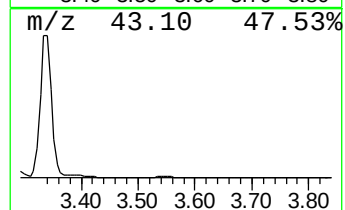
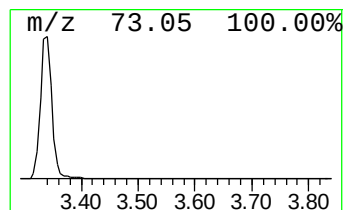
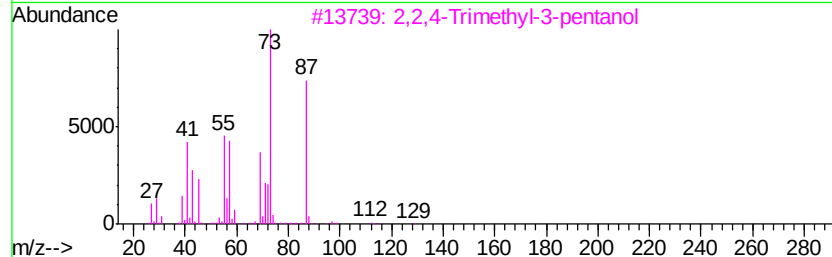
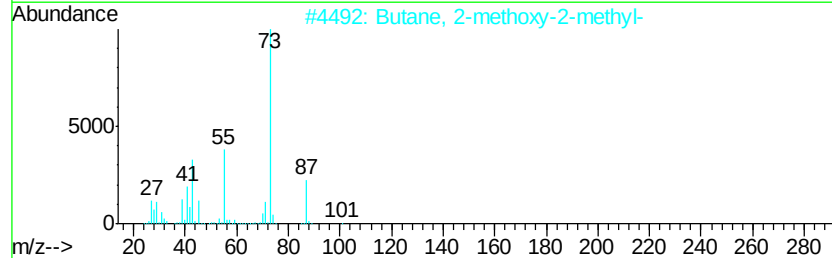
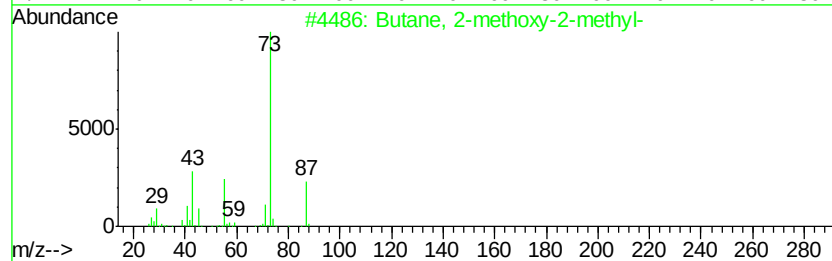
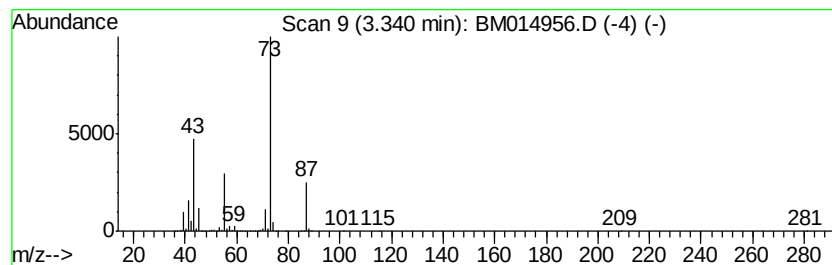
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	29.45 ng/ul	3883290	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37



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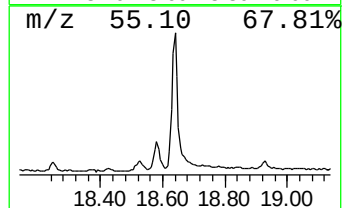
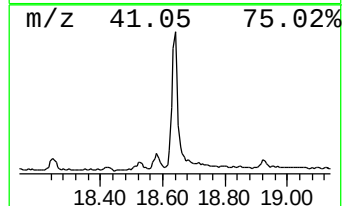
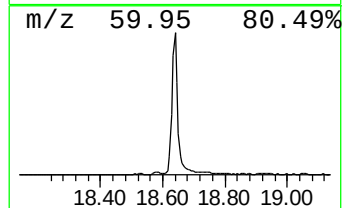
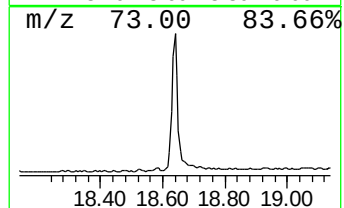
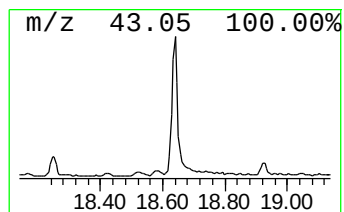
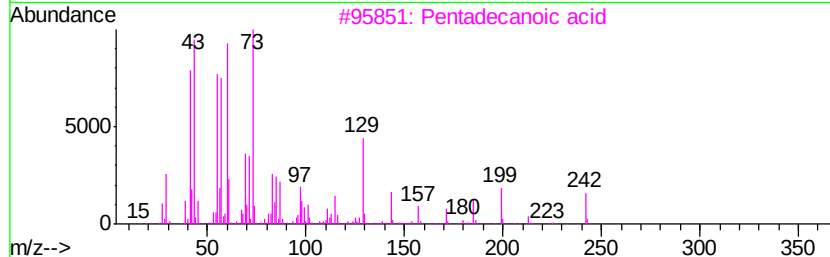
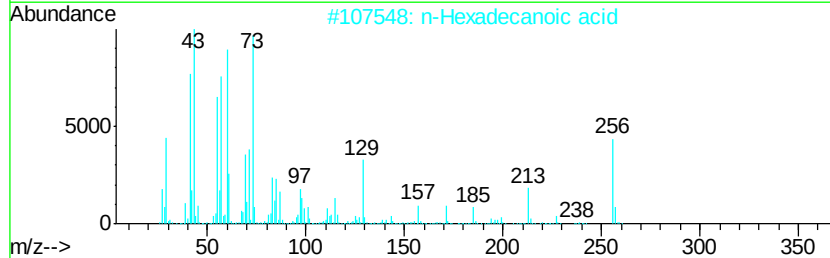
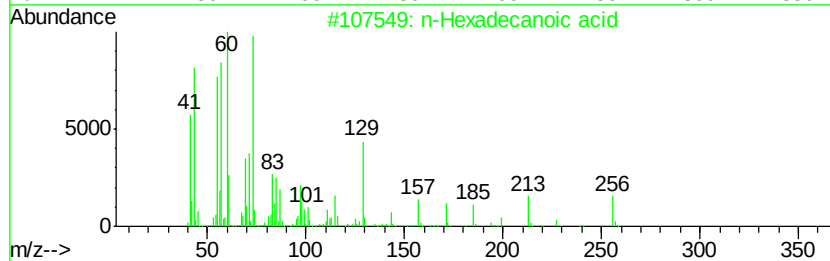
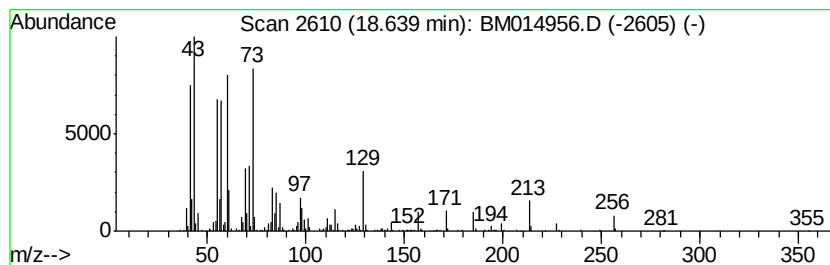
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	4.74 ng/ul	1027060	Phenanthrene-d10	17.81

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		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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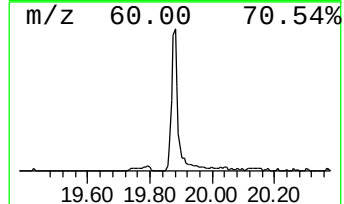
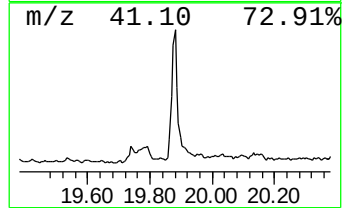
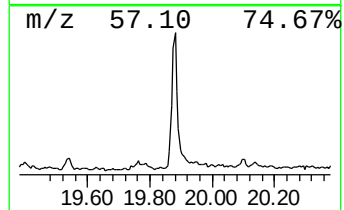
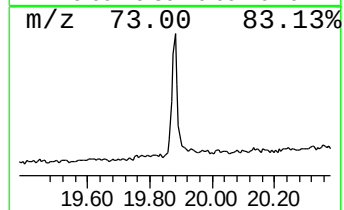
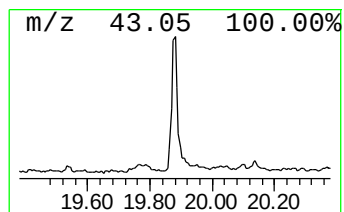
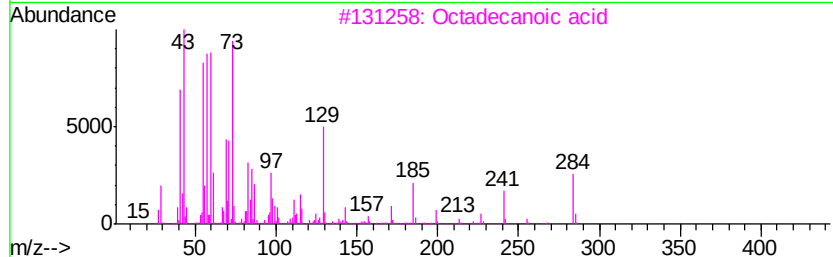
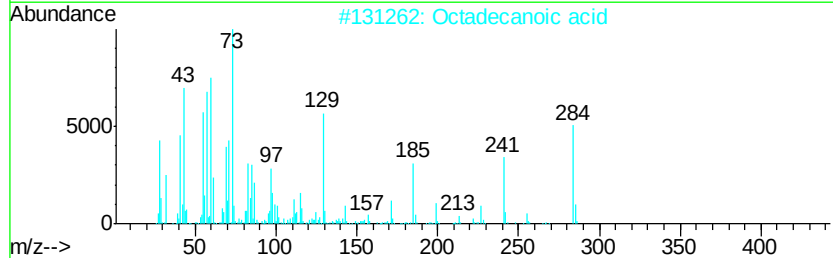
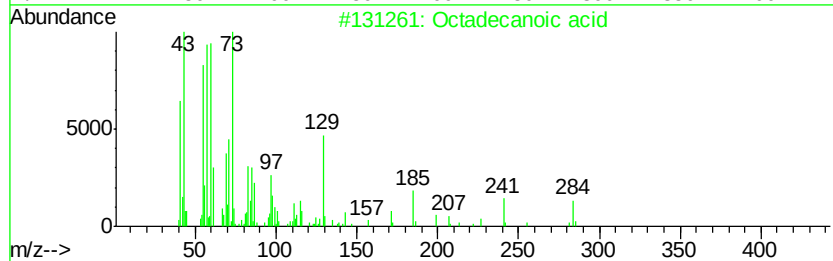
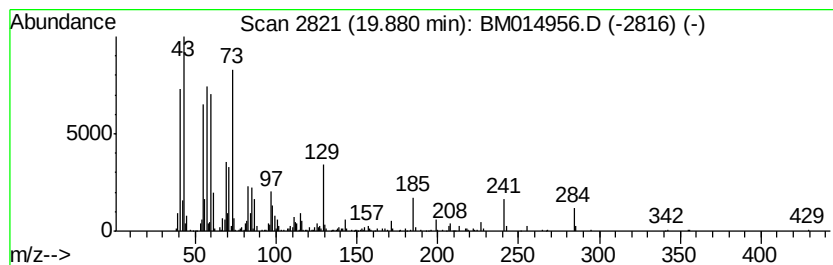
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.88	2.38 ng/ul	593946	Chrysene-d12	21.90	
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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	99
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95



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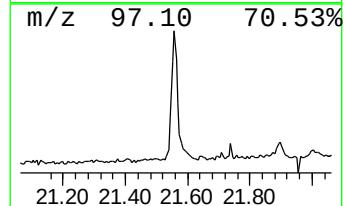
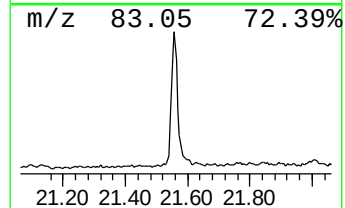
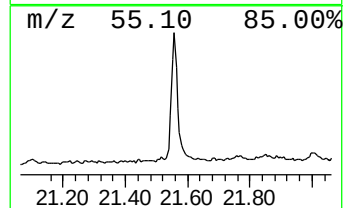
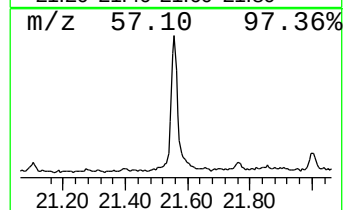
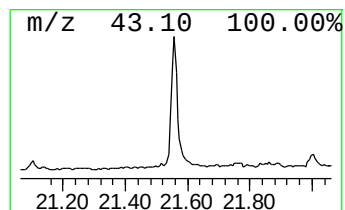
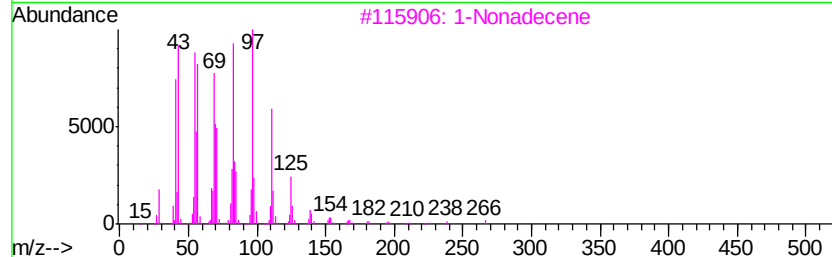
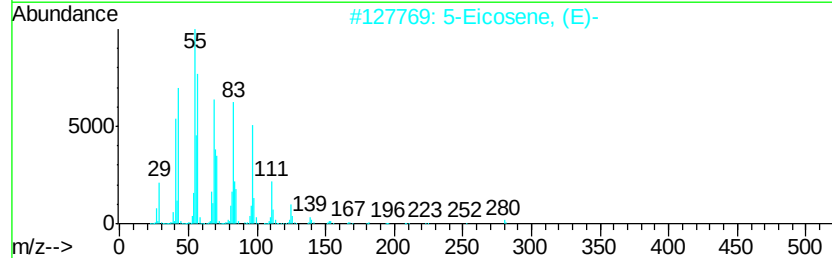
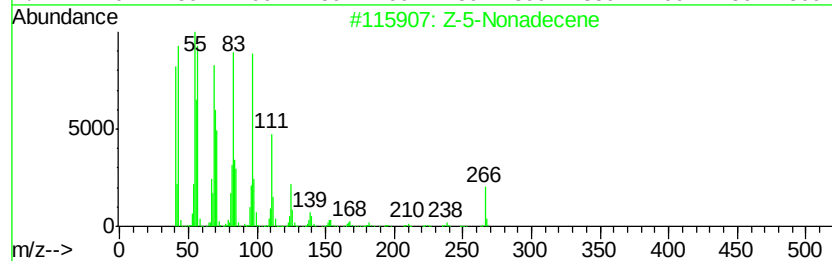
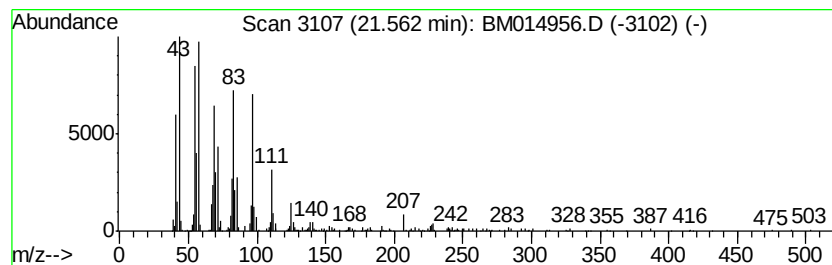
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Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.56	2.66 ng/ul	664100	Chrysene-d12	21.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	97
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	1-Nonadecene	266	C19H38	018435-45-5	95
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.34	29.4	ng/ul	3883290	1	8.49	2637520	20.0
n-Hexadecanoic acid	18.64	4.7	ng/ul	1027060	4	17.81	4335480	20.0
Octadecanoic acid	19.88	2.4	ng/ul	593946	5	21.90	4994770	20.0
(DEL) Alkane: Cyc...	21.56	2.7	ng/ul	664100	5	21.90	4994770	20.0