

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014958.D
 Acq On : 04 May 2018 00:28
 Operator : SJ/JU
 Sample : J2554-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2

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	2801184	3746582	69.61%	5.003%
2	3.640	56	60	73	rVB	71886	115610	2.15%	0.154%
3	4.228	156	160	168	rBV	73440	103248	1.92%	0.138%
4	5.481	367	373	385	rVB2	28628	55772	1.04%	0.074%
5	7.616	729	736	748	rBV	1175515	2051006	38.11%	2.739%
6	7.792	759	766	779	rBV	900936	1474168	27.39%	1.968%
7	8.010	796	803	812	rBV	1205924	1967402	36.55%	2.627%
8	8.492	875	885	897	rBV	1555237	2575445	47.85%	3.439%
9	9.186	995	1003	1015	rBV	1141288	1953081	36.29%	2.608%
10	9.675	1078	1086	1094	rBV	1042412	1784036	33.15%	2.382%
11	10.028	1140	1146	1152	rVB	36981	56206	1.04%	0.075%
12	10.404	1201	1210	1223	rBV	815980	1398818	25.99%	1.868%
13	10.939	1294	1301	1312	rBV	1256096	2139844	39.76%	2.857%
14	11.333	1360	1368	1376	rBV	2021955	3411629	63.38%	4.555%
15	11.457	1381	1389	1402	rBV	1064595	1914822	35.58%	2.557%
16	13.892	1797	1803	1810	rBV	49713	70894	1.32%	0.095%
17	14.486	1895	1904	1908	rBV	1982721	2718103	50.50%	3.629%
18	14.533	1908	1912	1917	rVB	497834	688200	12.79%	0.919%
19	14.798	1950	1957	1971	rBV	2300214	3430698	63.74%	4.581%
20	14.945	1976	1982	1987	rVV	172096	221959	4.12%	0.296%
21	15.098	1999	2008	2015	rBV2	2531414	3867571	71.86%	5.164%
22	15.257	2029	2035	2051	rBV	778978	1212208	22.52%	1.619%
23	15.492	2071	2075	2080	rVB4	32832	54598	1.01%	0.073%
24	15.845	2130	2135	2138	rBV	44179	59000	1.10%	0.079%
25	15.886	2138	2142	2147	rVB	227382	280631	5.21%	0.375%
26	16.074	2167	2174	2180	rBV	2823557	4024632	74.77%	5.374%
27	16.174	2186	2191	2200	rVB	660244	945711	17.57%	1.263%
28	16.286	2202	2210	2213	rBV2	50466	116976	2.17%	0.156%
29	16.733	2282	2286	2297	rBV	178652	315247	5.86%	0.421%
30	17.521	2415	2420	2425	rBV	101791	133424	2.48%	0.178%
31	17.809	2463	2469	2474	rBV	2861421	4137008	76.86%	5.524%
32	17.851	2474	2476	2480	rVV	289778	355781	6.61%	0.475%
33	17.909	2480	2486	2497	rVB	2818235	4089028	75.97%	5.460%
34	18.251	2540	2544	2548	rVB	49295	56433	1.05%	0.075%

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35	18.639	2605	2610	2619	rBV	864341	1299952	24.15%	1.736%
36	18.715	2620	2623	2632	rVB2	62113	114302	2.12%	0.153%
37	18.862	2643	2648	2651	rBV3	52614	88972	1.65%	0.119%
38	19.815	2806	2810	2816	rVB	669800	930076	17.28%	1.242%
39	19.880	2816	2821	2831	rBV	457296	716411	13.31%	0.957%
40	20.150	2861	2867	2877	rBV2	3202249	5382434	100.00%	7.187%
41	21.556	3102	3106	3114	rBV3	975893	1364891	25.36%	1.822%
42	21.897	3158	3164	3169	rBV	3441015	5024647	93.35%	6.709%
43	24.215	3553	3558	3564	rVB	2017296	3945817	73.31%	5.269%
44	24.380	3579	3586	3593	rBV	2147030	4498272	83.57%	6.006%

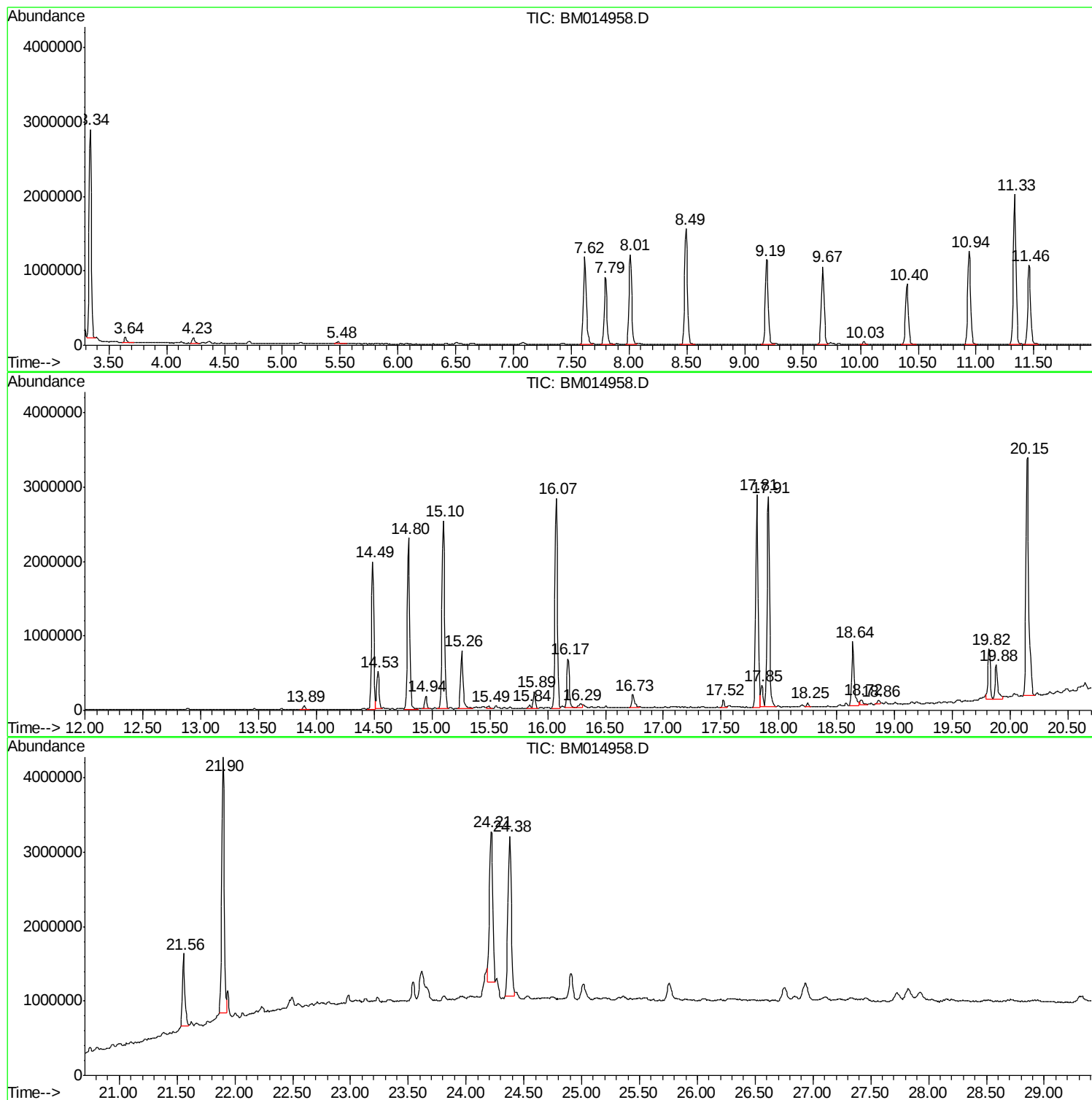
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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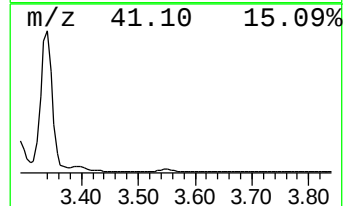
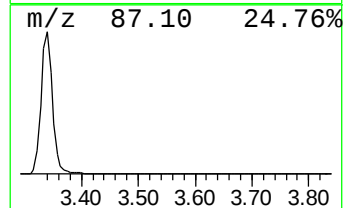
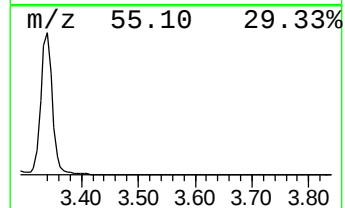
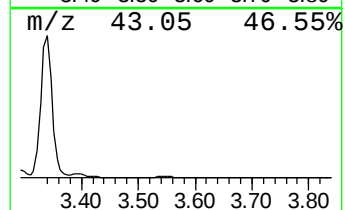
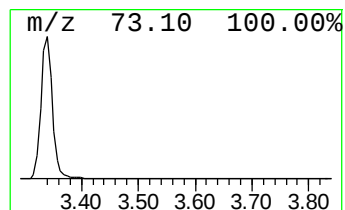
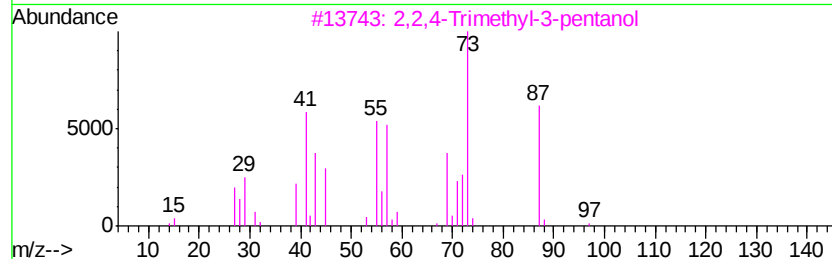
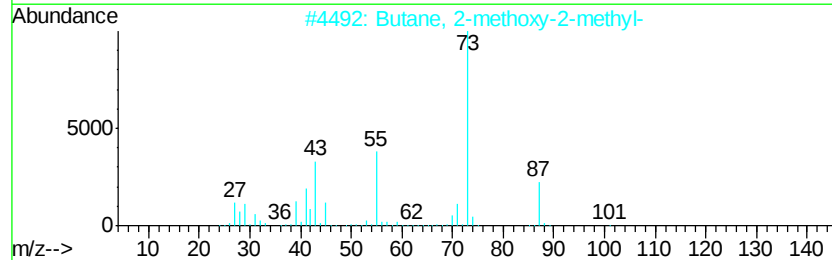
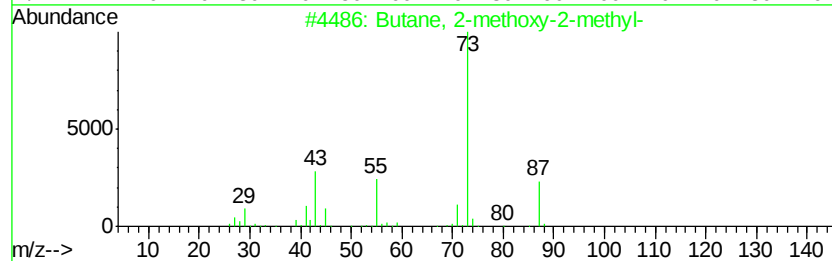
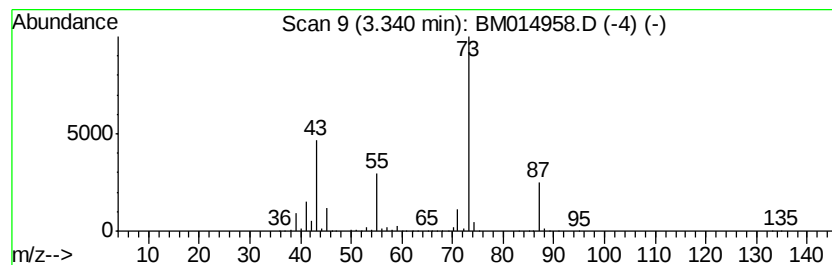
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	29.09 ng/ul	3746580	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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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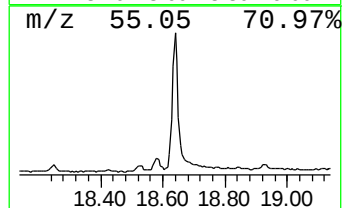
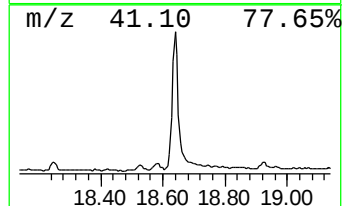
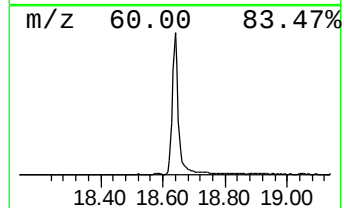
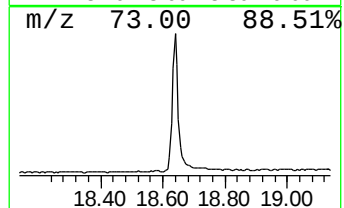
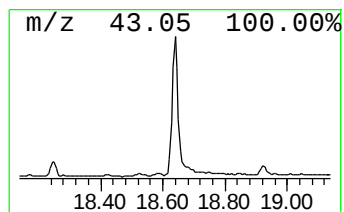
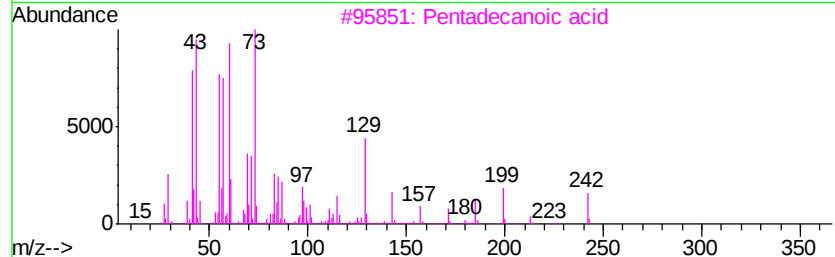
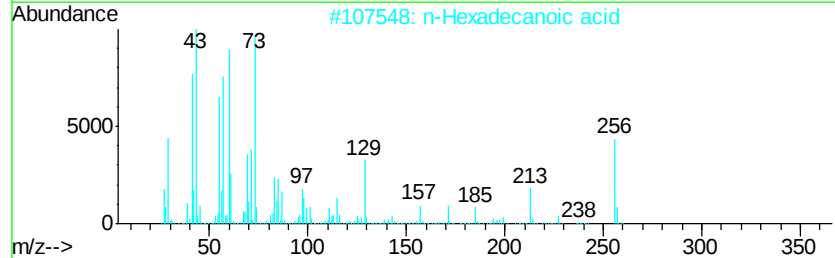
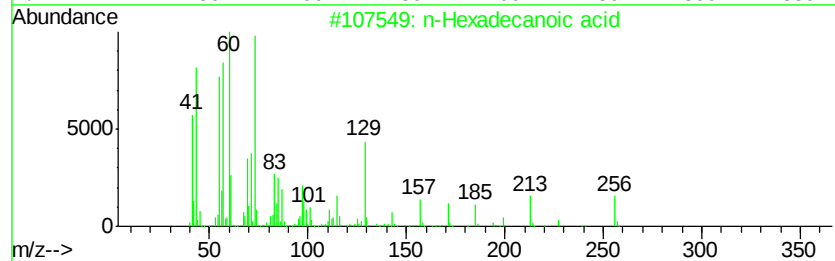
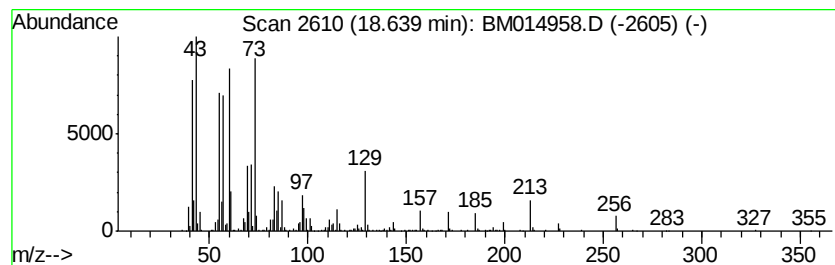
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	6.28 ng/ul	1299950	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	97
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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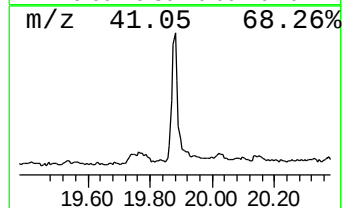
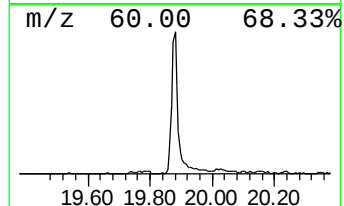
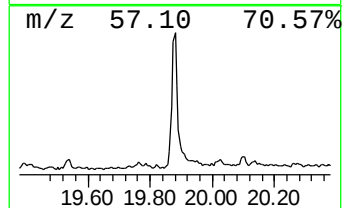
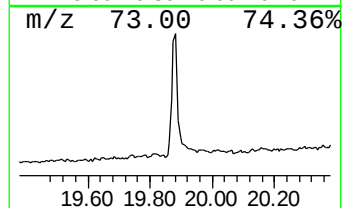
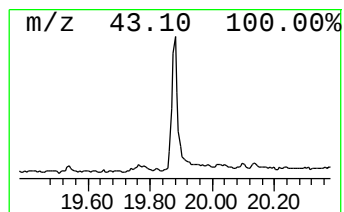
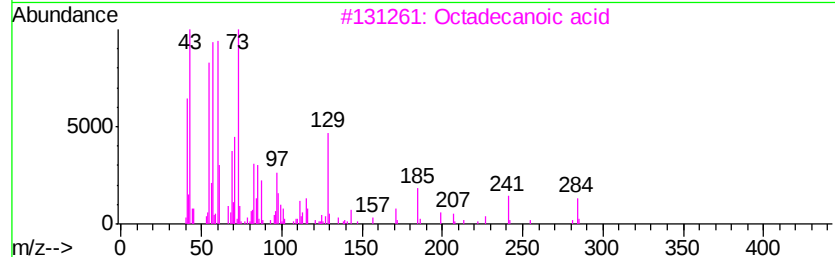
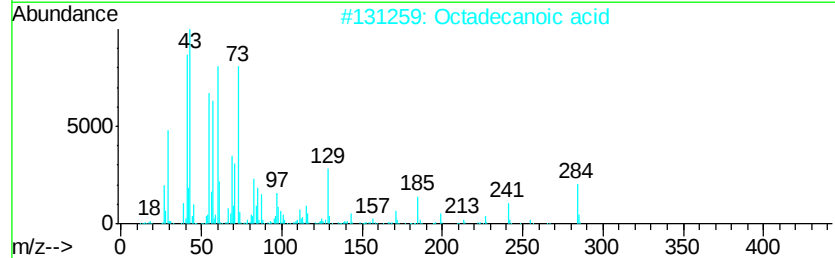
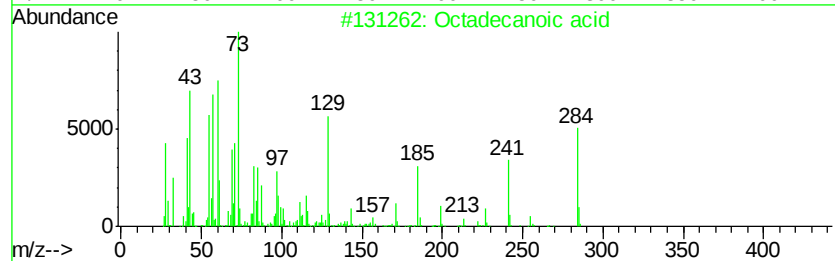
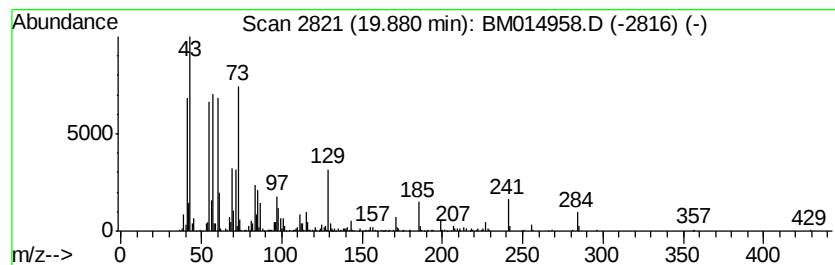
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.85 ng/ul	716411	Chrysene-d12	21.90

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	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



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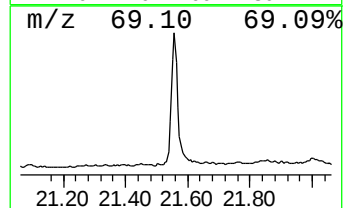
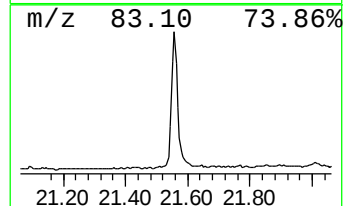
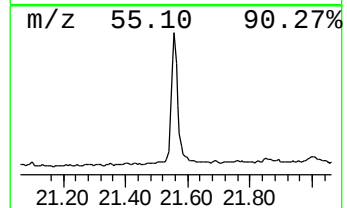
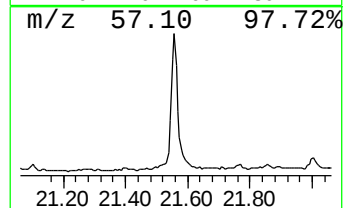
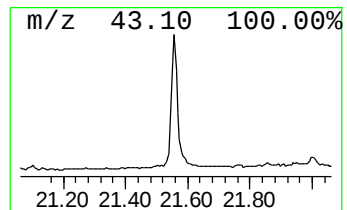
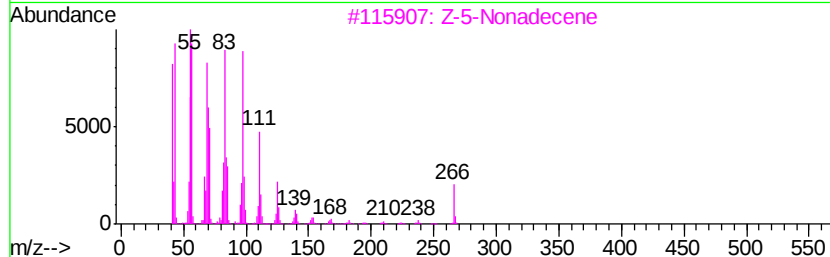
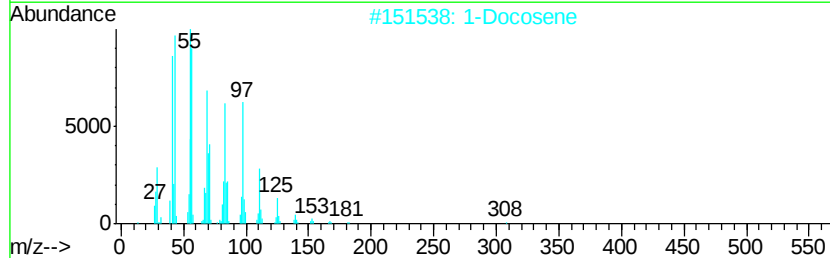
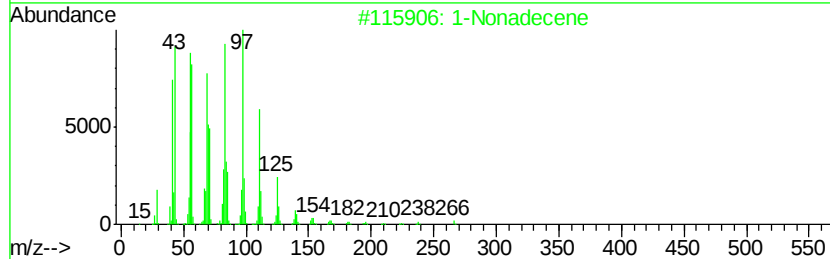
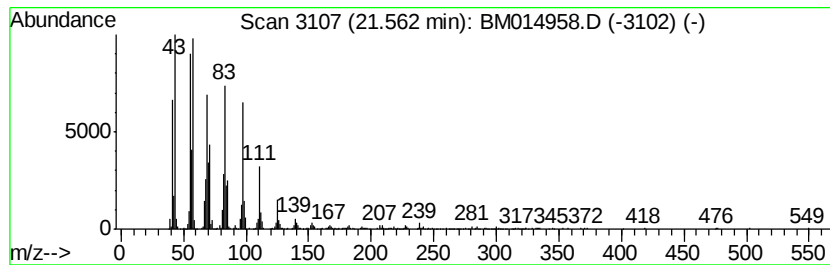
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Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	5.43 ng/ul	1364890	Chrysene-d12	21.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	98
2			1-Docosene	308	C22H44	001599-67-3	95
3			Z-5-Nonadecene	266	C19H38	1000131-11-8	94
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.34	29.1	ng/ul	3746580	1	8.49	2575450	20.0
n-Hexadecanoic acid	18.64	6.3	ng/ul	1299950	4	17.81	4137010	20.0
Octadecanoic acid	19.88	2.9	ng/ul	716411	5	21.90	5024650	20.0
(DEL) Alkane: Cyc...	21.56	5.4	ng/ul	1364890	5	21.90	5024650	20.0