

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023361.D
 Acq On : 24 Oct 2019 02:46
 Operator : JU
 Sample : K5378-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0019

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-BM102319MA.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	3.157	26	29	37	rVB2	107617	171453	1.07%	0.091%
2	6.816	644	651	665	rVB	2691268	4579273	28.57%	2.426%
3	6.975	672	678	693	rVB	2008058	3261570	20.35%	1.728%
4	7.175	705	712	727	rVB	2645847	4254667	26.54%	2.254%
5	7.381	745	747	754	rVB8	18532	30019	0.19%	0.016%
6	7.639	783	791	799	rBV	2551342	4101743	25.59%	2.173%
7	7.716	799	804	813	rVB	63457	105860	0.66%	0.056%
8	8.345	904	911	924	rBV	3425486	5513492	34.40%	2.921%
9	8.622	956	958	966	rVB9	9593	16991	0.11%	0.009%
10	8.786	979	986	1000	rVB	2740971	4480222	27.95%	2.374%
11	8.963	1012	1016	1023	rVB9	24784	50092	0.31%	0.027%
12	9.263	1062	1067	1075	rVB2	47355	77933	0.49%	0.041%
13	9.504	1100	1108	1118	rBV	2258389	3698071	23.07%	1.959%
14	10.039	1191	1199	1214	rBV	3603557	5996499	37.41%	3.177%
15	10.416	1255	1263	1272	rBV	3882432	6488928	40.48%	3.438%
16	10.551	1279	1286	1299	rBV	2250473	3833138	23.91%	2.031%
17	11.063	1369	1373	1380	rBV5	16591	31874	0.20%	0.017%
18	11.169	1388	1391	1397	rVV5	13517	23866	0.15%	0.013%
19	11.233	1397	1402	1405	rVB6	9309	16942	0.11%	0.009%
20	12.016	1528	1535	1540	rBV	68024	110466	0.69%	0.059%
21	12.904	1681	1686	1692	rBV5	15737	28075	0.18%	0.015%
22	13.133	1722	1725	1729	rVB4	14974	18181	0.11%	0.010%
23	13.204	1732	1737	1742	rBV8	19751	34797	0.22%	0.018%
24	13.521	1787	1791	1793	rBV5	18779	24255	0.15%	0.013%
25	13.616	1803	1807	1810	rVB5	16166	20429	0.13%	0.011%
26	13.704	1815	1822	1826	rVV	6197293	8579675	53.53%	4.545%
27	13.751	1826	1830	1838	rVB	3239823	4498560	28.07%	2.383%
28	13.974	1860	1868	1876	rBV	7851032	11421560	71.26%	6.051%
29	14.216	1903	1909	1914	rVB5	28133	38715	0.24%	0.021%
30	14.286	1914	1921	1928	rBV	6289141	9264005	57.80%	4.908%
31	14.486	1949	1955	1972	rBV	2650235	3848253	24.01%	2.039%
32	14.651	1979	1983	1988	rVV8	10398	16464	0.10%	0.009%
33	14.710	1988	1993	2002	rVB3	129703	196210	1.22%	0.104%
34	14.898	2020	2025	2029	rBV7	10514	19709	0.12%	0.010%

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35	15.115	2059	2062	2067	rVV2	22670	33013	0.21%	0.017%
36	15.168	2067	2071	2076	rVB2	53773	71483	0.45%	0.038%
37	15.280	2083	2090	2100	rBV	9911024	13970991	87.16%	7.402%
38	15.404	2104	2111	2122	rVV	2410525	3337478	20.82%	1.768%
39	15.521	2126	2131	2136	rVV	117440	190173	1.19%	0.101%
40	15.574	2138	2140	2145	rVB6	16070	26284	0.16%	0.014%
41	15.727	2162	2166	2170	rBV7	11852	20019	0.12%	0.011%
42	15.851	2182	2187	2190	rBV5	11667	18755	0.12%	0.010%
43	15.974	2203	2208	2215	rBV9	15426	44869	0.28%	0.024%
44	16.033	2215	2218	2220	rVV2	59949	70824	0.44%	0.038%
45	16.062	2220	2223	2233	rVB4	63358	107993	0.67%	0.057%
46	16.198	2242	2246	2253	rVB7	15920	29419	0.18%	0.016%
47	16.292	2259	2262	2268	rVB4	18393	27565	0.17%	0.015%
48	16.457	2287	2290	2294	rVB4	28362	34170	0.21%	0.018%
49	16.715	2330	2334	2339	rVB7	28502	43356	0.27%	0.023%
50	16.821	2347	2352	2358	rBV3	59964	96369	0.60%	0.051%
51	16.880	2359	2362	2367	rVB5	18067	24587	0.15%	0.013%
52	17.027	2381	2387	2396	rBV2	7329426	10734505	66.97%	5.687%
53	17.127	2398	2404	2415	rVV2	10272907	14505914	90.50%	7.685%
54	17.227	2418	2421	2429	rVB7	42843	63699	0.40%	0.034%
55	17.562	2474	2478	2483	rBV3	40702	60040	0.37%	0.032%
56	17.686	2496	2499	2502	rVB5	14312	16653	0.10%	0.009%
57	17.956	2539	2545	2551	rBV	956683	1454096	9.07%	0.770%
58	18.127	2572	2574	2582	rVB8	32257	52919	0.33%	0.028%
59	18.251	2590	2595	2604	rBV5	104735	171728	1.07%	0.091%
60	18.827	2689	2693	2696	rBV5	31332	46110	0.29%	0.024%
61	18.892	2701	2704	2710	rVB2	66353	88110	0.55%	0.047%
62	18.974	2714	2718	2725	rBV2	71361	105329	0.66%	0.056%
63	19.056	2728	2732	2736	rBV	123370	184469	1.15%	0.098%
64	19.145	2744	2747	2752	rVB3	56013	77299	0.48%	0.041%
65	19.239	2759	2763	2768	rBV2	189358	274557	1.71%	0.145%
66	19.309	2772	2775	2780	rVB	105869	158110	0.99%	0.084%
67	19.427	2789	2795	2801	rBV	11920912	16028977	100.00%	8.492%
68	19.474	2801	2803	2806	rVV2	64399	67956	0.42%	0.036%
69	19.509	2806	2809	2815	rVB2	105915	119110	0.74%	0.063%
70	19.974	2885	2888	2891	rBV4	112121	131916	0.82%	0.070%
71	20.009	2891	2894	2898	rVB2	126433	140669	0.88%	0.075%

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72	20.509	2976	2979	2982	rVB	206579	215430	1.34%	0.114%
73	20.962	3052	3056	3064	rBV	4332681	5625476	35.10%	2.980%
74	21.221	3095	3100	3107	rBV	8273770	10284537	64.16%	5.449%
75	21.409	3128	3132	3139	rBV	491974	658127	4.11%	0.349%
76	21.839	3202	3205	3215	rBV3	570847	961802	6.00%	0.510%
77	22.297	3280	3283	3287	rVB	471929	550867	3.44%	0.292%
78	22.421	3300	3304	3315	rVB	884345	1220487	7.61%	0.647%
79	22.797	3365	3368	3373	rVB	531239	685432	4.28%	0.363%
80	23.280	3444	3450	3457	rVB	6669812	11615417	72.47%	6.154%
81	23.356	3460	3463	3467	rVV	506997	826785	5.16%	0.438%
82	23.415	3467	3473	3485	rVB2	4601741	8629279	53.84%	4.572%

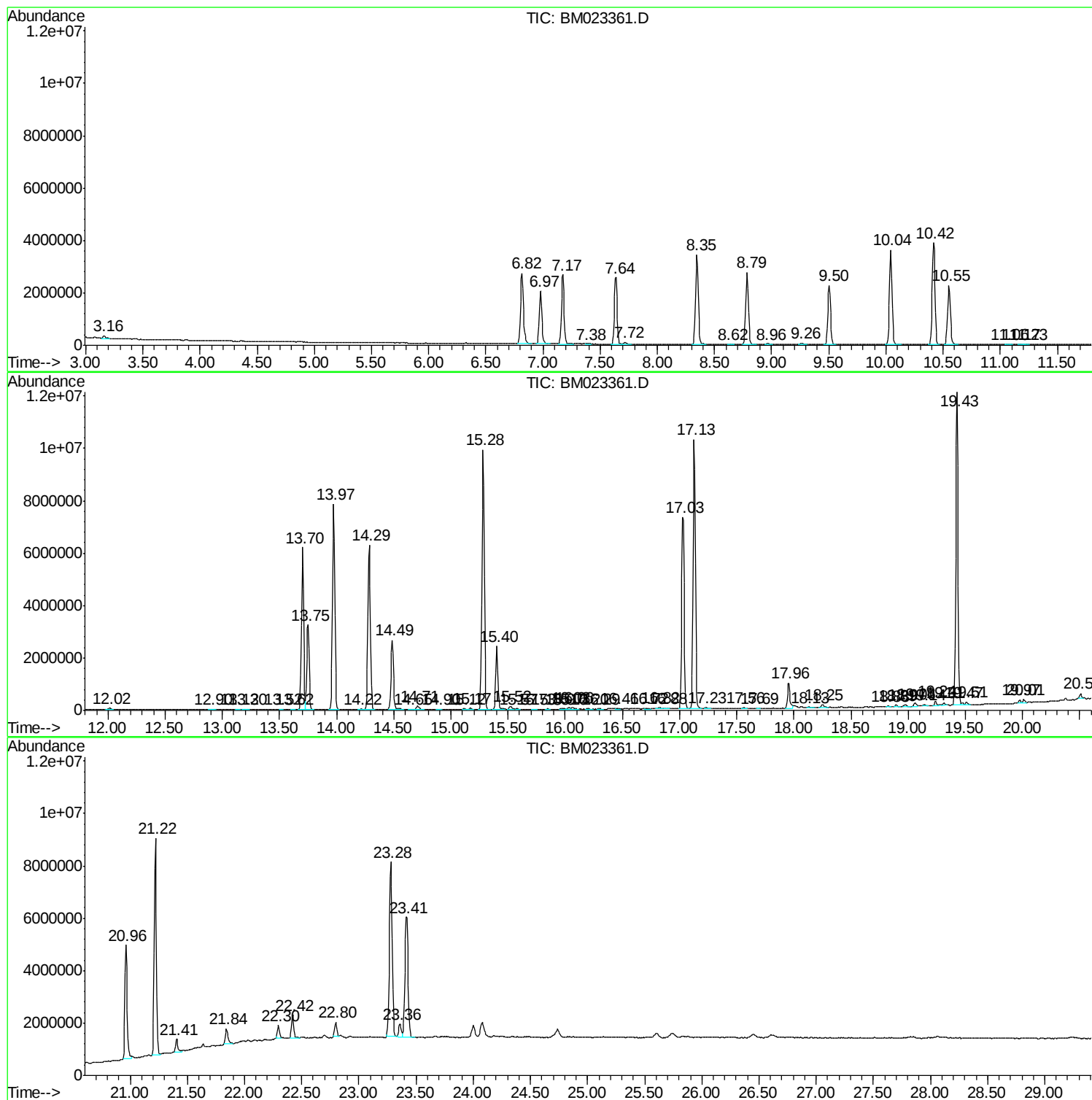
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



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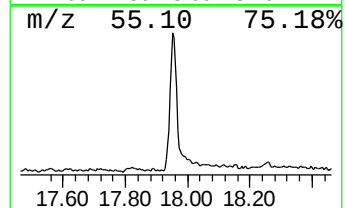
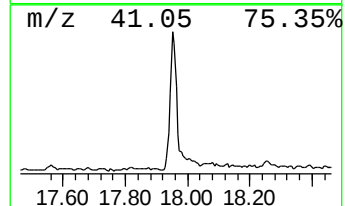
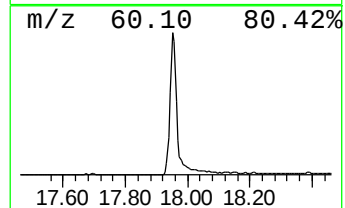
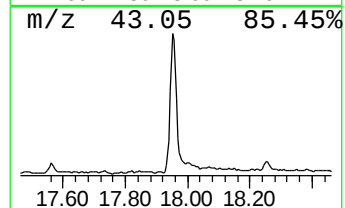
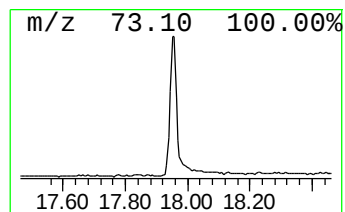
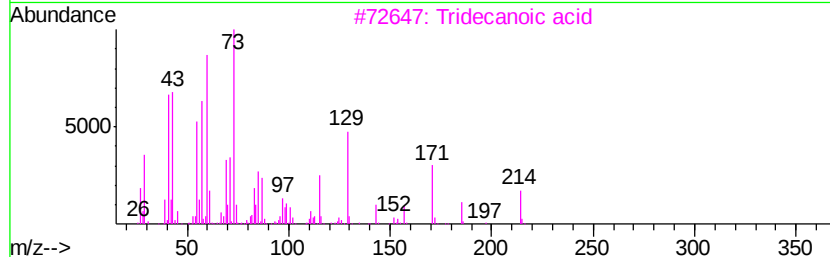
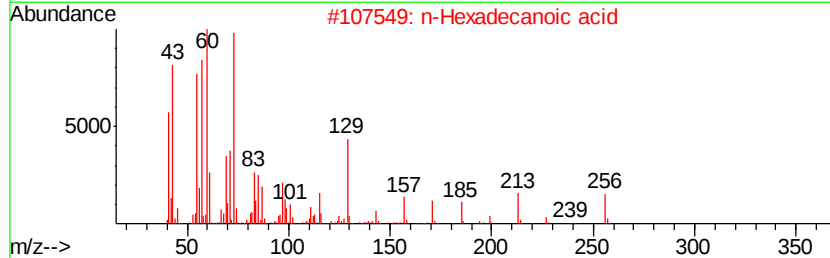
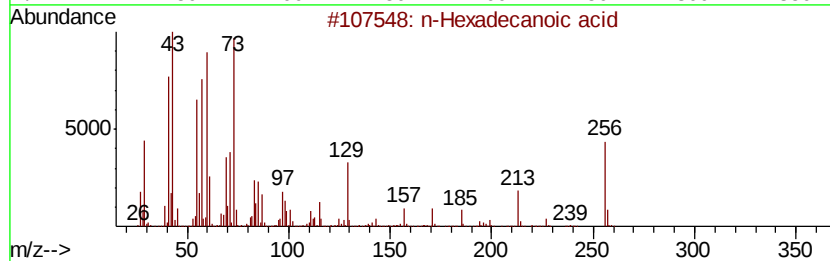
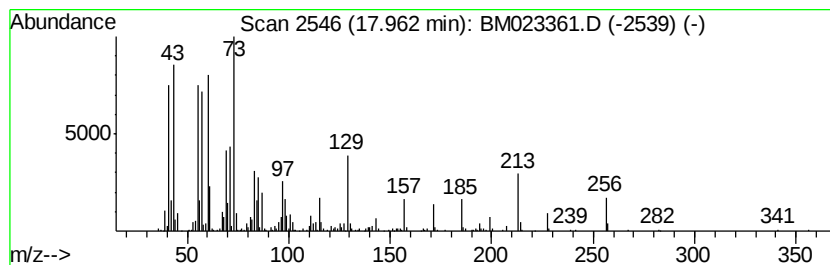
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.71 ng/ul	1454100	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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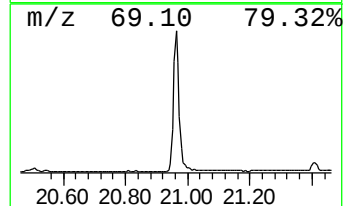
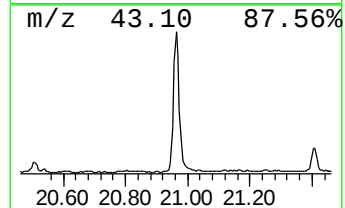
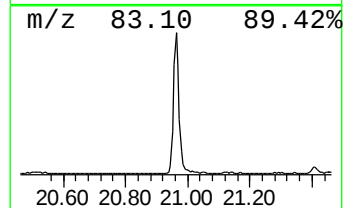
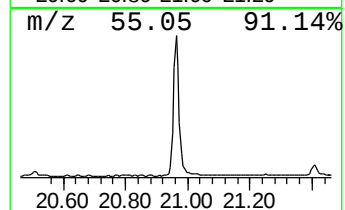
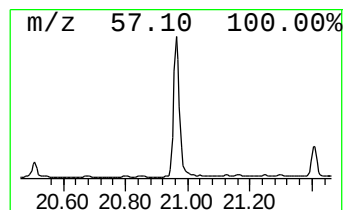
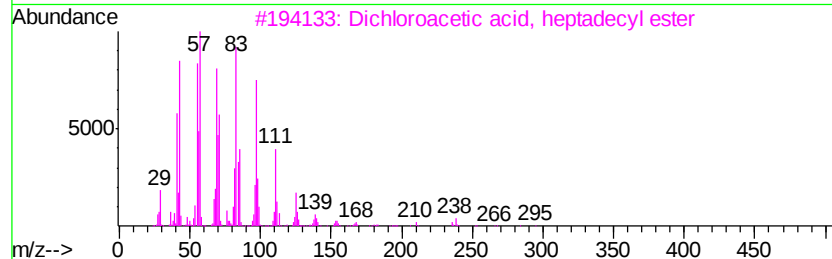
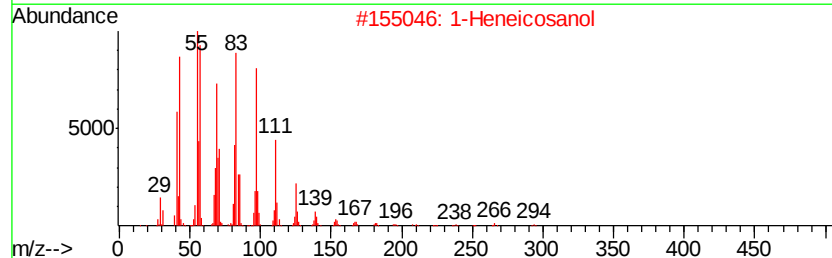
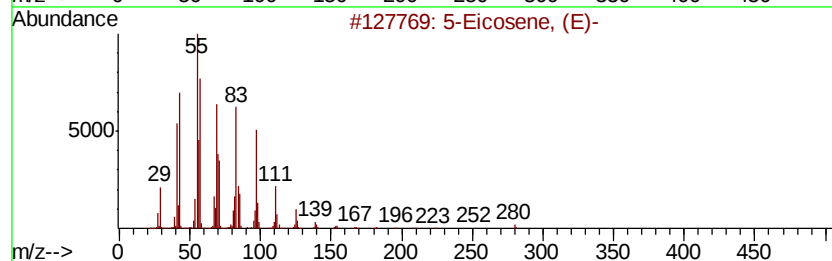
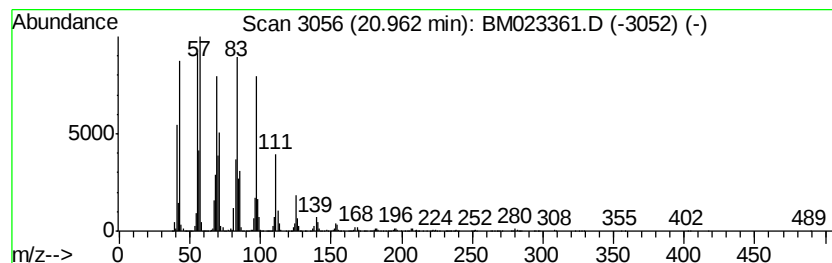
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	10.94 ng/ul	5625480	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-	280 C20H40	074685-30-6	99
2	1-Heneicosanol	312 C21H44O	015594-90-8	95
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	94
4	Behenic alcohol	326 C22H46O	000661-19-8	94
5	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	94



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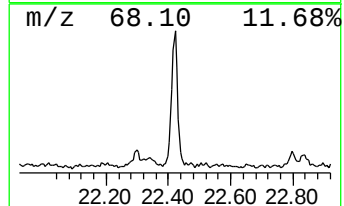
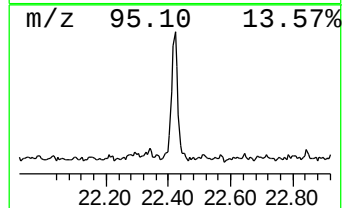
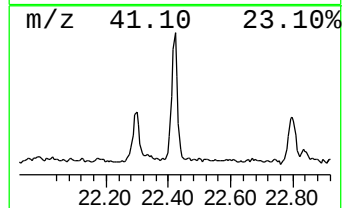
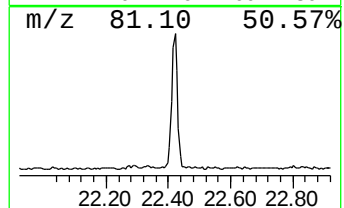
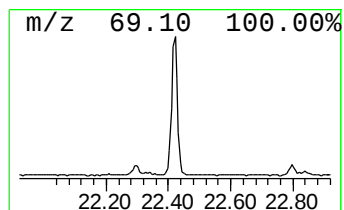
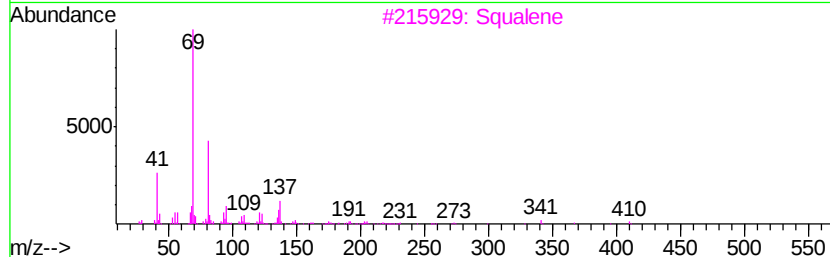
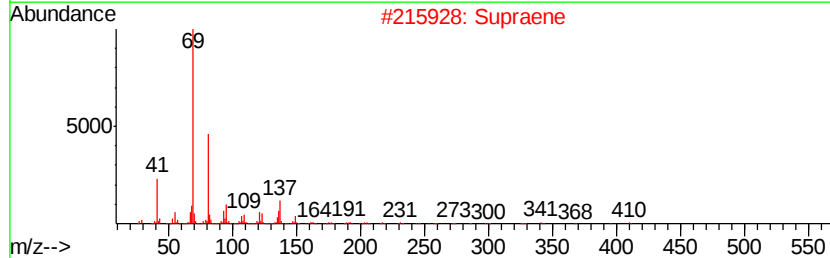
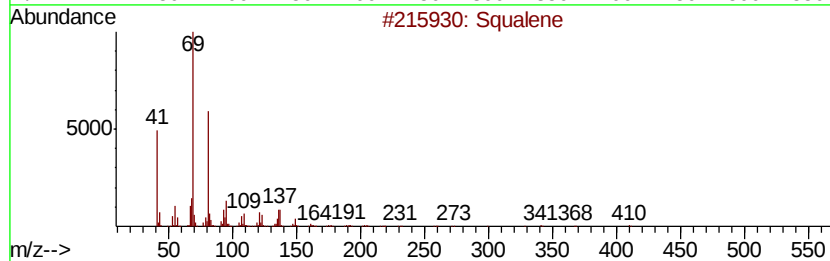
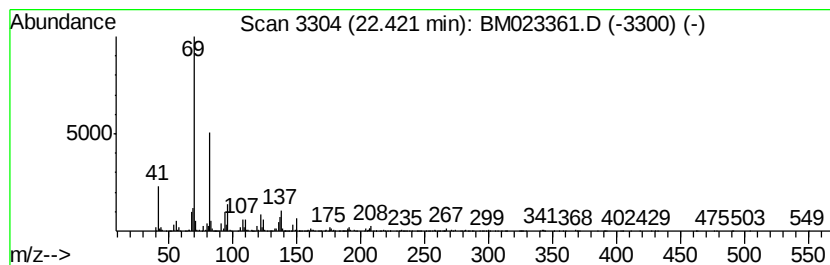
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.83 ng/ul	1220490	Perylene-d12	23.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	90
2	Supraene	410 C30H50	007683-64-9	87
3	Squalene	410 C30H50	000111-02-4	80
4	Trifluoroacetyl-lavandulol	250 C12H17F3O2	028673-24-7	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.96	2.7	ng/ul	1454100	4	17.03	10734500	20.0
(DEL) Alkane: Cyc...	20.96	10.9	ng/ul	5625480	5	21.22	10284500	20.0
Squalene	22.42	2.8	ng/ul	1220490	6	23.41	8629280	20.0