

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019649.D
 Acq On : 01 Apr 2019 11:33
 Operator : JU/SJ
 Sample : K2065-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5L6

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-BM032219MA.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	3.122	20	23	32	rVB	28749	50909	1.45%	0.146%
2	3.628	107	109	116	rVB4	9305	14219	0.41%	0.041%
3	3.722	121	125	132	rVB2	16464	29325	0.84%	0.084%
4	4.716	290	294	301	rBV2	15354	24607	0.70%	0.071%
5	6.757	635	641	664	rBV2	352819	816965	23.27%	2.347%
6	6.922	664	669	683	rBV	274453	519956	14.81%	1.494%
7	7.104	694	700	716	rVV	419596	723399	20.61%	2.078%
8	7.569	773	779	788	rBV	505976	810265	23.08%	2.328%
9	8.287	895	901	915	rBV	423970	790530	22.52%	2.271%
10	8.422	919	924	931	rVB3	9382	15945	0.45%	0.046%
11	8.740	972	978	992	rBV	367547	666937	19.00%	1.916%
12	9.069	1029	1034	1039	rVB	9298	12821	0.37%	0.037%
13	9.451	1093	1099	1119	rBV	304799	567843	16.18%	1.631%
14	9.987	1183	1190	1202	rBV	412254	832597	23.72%	2.392%
15	10.351	1243	1252	1266	rBV	707014	1226070	34.93%	3.523%
16	10.516	1274	1280	1304	rBV	266871	693539	19.76%	1.993%
17	11.969	1521	1527	1532	rBV4	4119	10155	0.29%	0.029%
18	12.522	1615	1621	1622	rBV3	4110	5533	0.16%	0.016%
19	13.651	1807	1813	1818	rBV	921784	1276550	36.37%	3.668%
20	13.698	1818	1821	1831	rVB	140099	204999	5.84%	0.589%
21	13.922	1847	1859	1876	rBV	1077570	1575180	44.87%	4.526%
22	14.233	1905	1912	1925	rVB2	1064348	1622677	46.23%	4.662%
23	14.486	1950	1955	1980	rBV2	139495	484164	13.79%	1.391%
24	14.657	1980	1984	2006	rVB	113109	218686	6.23%	0.628%
25	15.022	2038	2046	2049	rBV4	3764	7956	0.23%	0.023%
26	15.074	2052	2055	2059	rVB2	6607	8488	0.24%	0.024%
27	15.233	2075	2082	2090	rBV	1396412	2006933	57.17%	5.766%
28	15.298	2090	2093	2098	rVV4	11947	18220	0.52%	0.052%
29	15.380	2102	2107	2118	rVV	276216	437591	12.47%	1.257%
30	15.469	2118	2122	2129	rVB3	16374	30026	0.86%	0.086%
31	15.633	2147	2150	2154	rVB3	2660	3523	0.10%	0.010%
32	15.698	2156	2161	2165	rBV5	3120	4694	0.13%	0.013%
33	15.933	2198	2201	2209	rBV3	6838	14566	0.41%	0.042%
34	16.021	2213	2216	2221	rVB3	6108	9416	0.27%	0.027%

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35	16.127	2231	2234	2237	rVB4	4209	4563	0.13%	0.013%
36	16.292	2258	2262	2265	rBV4	2530	4397	0.13%	0.013%
37	16.345	2267	2271	2274	rVB3	3054	4401	0.13%	0.013%
38	16.398	2274	2280	2286	rBV3	22466	36943	1.05%	0.106%
39	16.539	2301	2304	2308	rBV4	4760	6502	0.19%	0.019%
40	16.733	2334	2337	2341	rBV4	6600	7778	0.22%	0.022%
41	16.780	2341	2345	2349	rVB4	6867	11264	0.32%	0.032%
42	16.898	2360	2365	2370	rBV6	4905	8290	0.24%	0.024%
43	16.992	2375	2381	2386	rBV2	1404097	1970495	56.14%	5.661%
44	17.086	2392	2397	2410	rBV2	1496122	2205853	62.84%	6.337%
45	17.327	2436	2438	2441	rBV3	3896	4436	0.13%	0.013%
46	17.374	2444	2446	2449	rVB4	4991	6366	0.18%	0.018%
47	17.474	2460	2463	2467	rVB6	5444	6320	0.18%	0.018%
48	17.880	2528	2532	2544	rBV	163881	296674	8.45%	0.852%
49	18.057	2560	2562	2566	rBV5	7610	11506	0.33%	0.033%
50	18.163	2577	2580	2584	rBV6	6049	9671	0.28%	0.028%
51	19.027	2725	2727	2728	rBV2	15288	11786	0.34%	0.034%
52	19.062	2729	2733	2737	rVB	76206	109380	3.12%	0.314%
53	19.174	2748	2752	2766	rBV3	93844	223580	6.37%	0.642%
54	19.398	2784	2790	2799	rBV	2184676	2899505	82.60%	8.330%
55	19.733	2845	2847	2850	rBV4	36945	38438	1.10%	0.110%
56	19.774	2851	2854	2860	rVB	55257	65100	1.85%	0.187%
57	20.333	2947	2949	2952	rVB2	40890	38521	1.10%	0.111%
58	20.715	3011	3014	3016	rBV2	64953	63750	1.82%	0.183%
59	20.751	3017	3020	3022	rVB	63665	67537	1.92%	0.194%
60	20.898	3041	3045	3054	rBV2	366538	506366	14.43%	1.455%
61	21.198	3091	3096	3101	rBV	2345399	2895405	82.48%	8.319%
62	21.756	3189	3191	3195	rBV	93790	99315	2.83%	0.285%
63	22.209	3265	3268	3273	rVB2	175083	209708	5.97%	0.602%
64	22.698	3349	3351	3355	rVB	174381	207097	5.90%	0.595%
65	23.262	3440	3447	3455	rBV2	1923177	3510275	100.00%	10.085%
66	23.403	3465	3471	3487	rVB	1680159	3061190	87.21%	8.795%
67	23.874	3547	3551	3558	rVB2	270791	468791	13.35%	1.347%

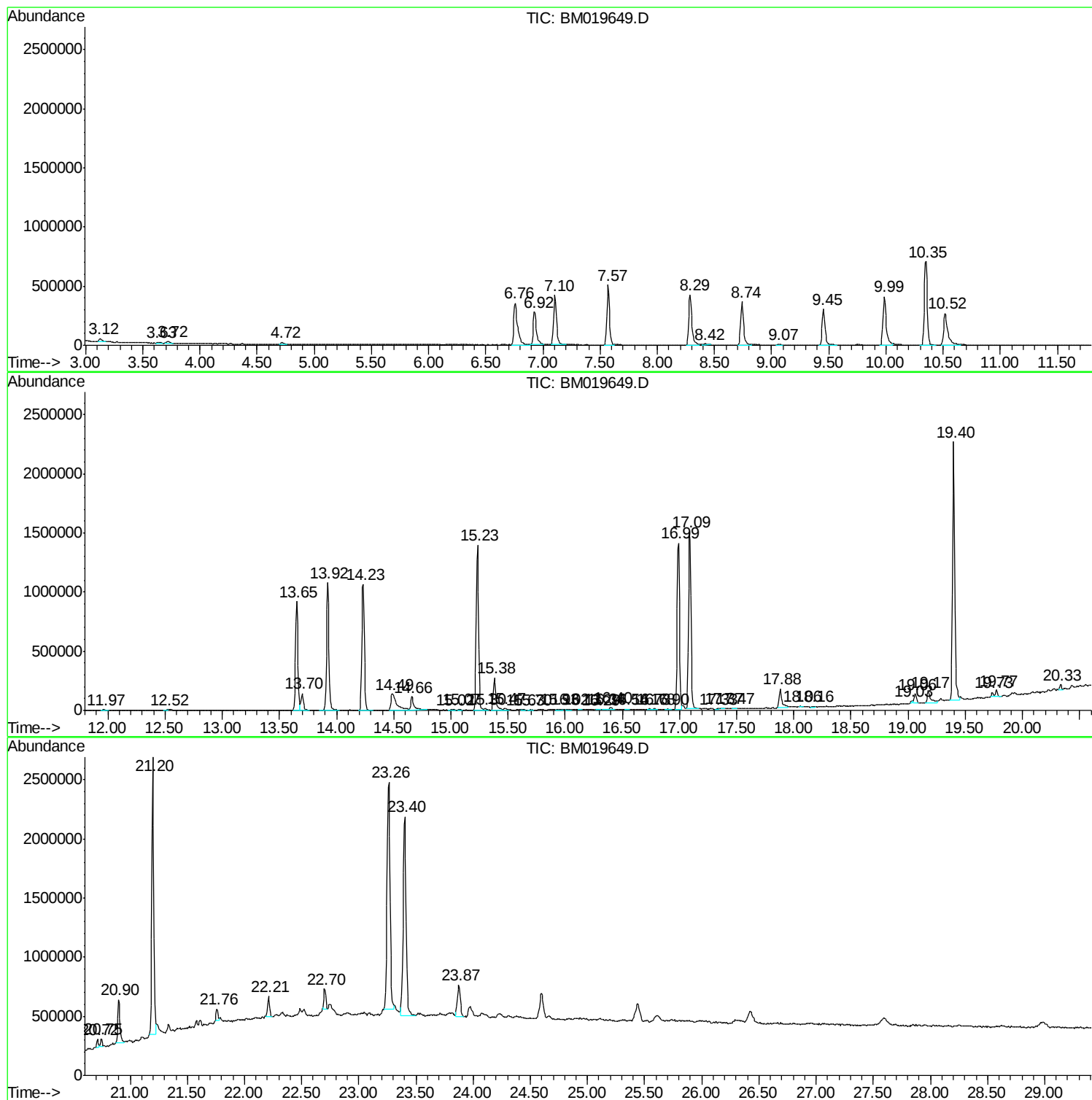
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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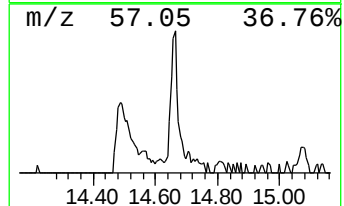
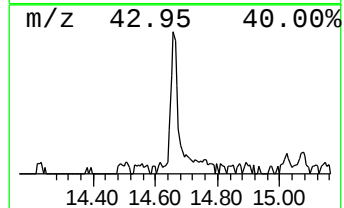
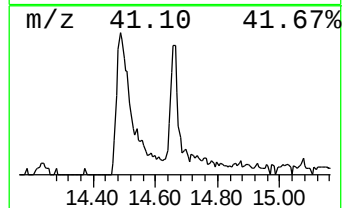
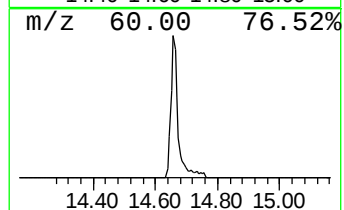
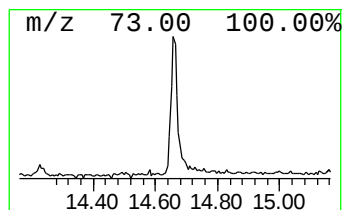
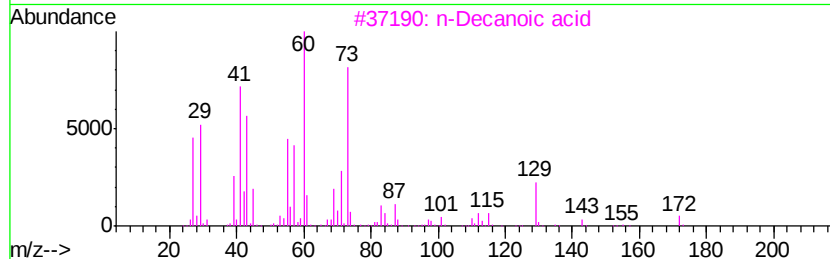
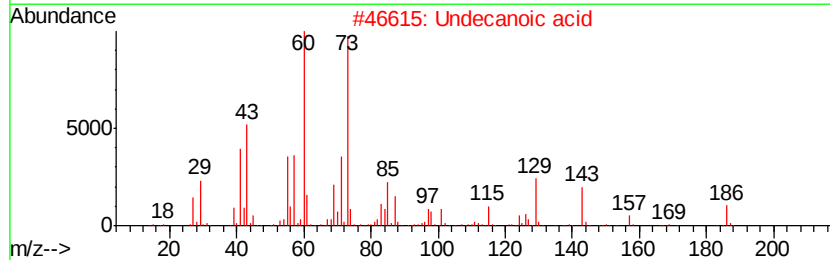
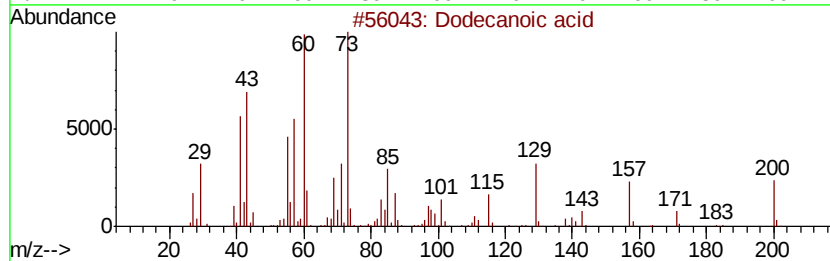
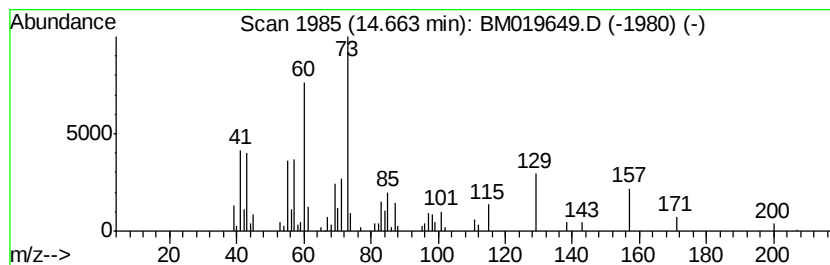
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.70 ng/ul	218686	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	90
2	Undecanoic acid	186 C11H22O2	000112-37-8	80
3	n-Decanoic acid	172 C10H20O2	000334-48-5	53
4	n-Decanoic acid	172 C10H20O2	000334-48-5	50
5	Undecanoic acid	186 C11H22O2	000112-37-8	50



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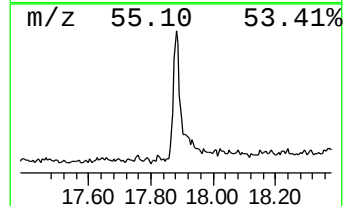
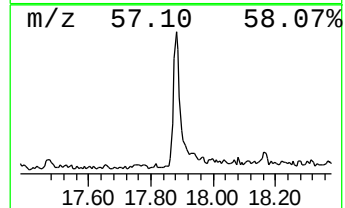
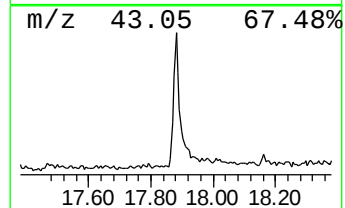
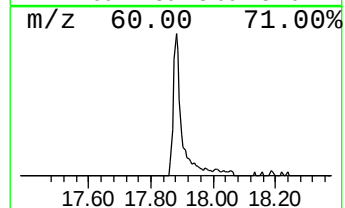
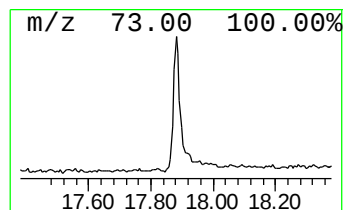
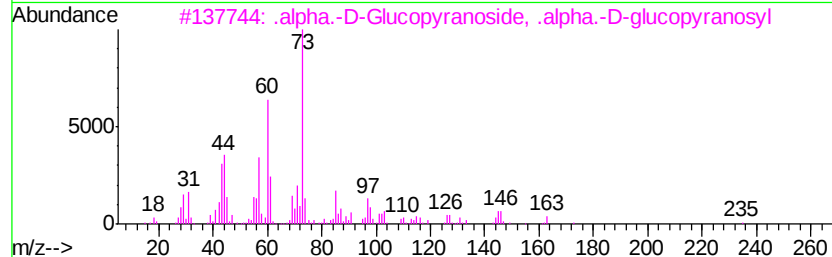
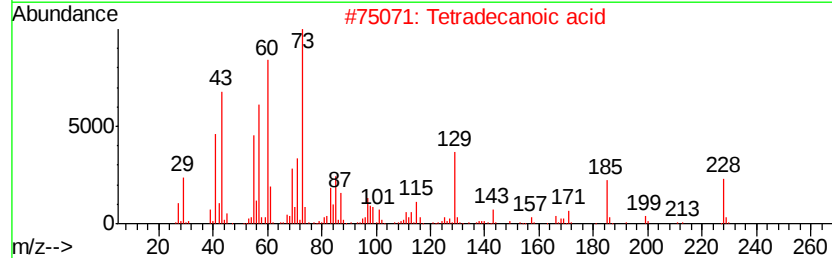
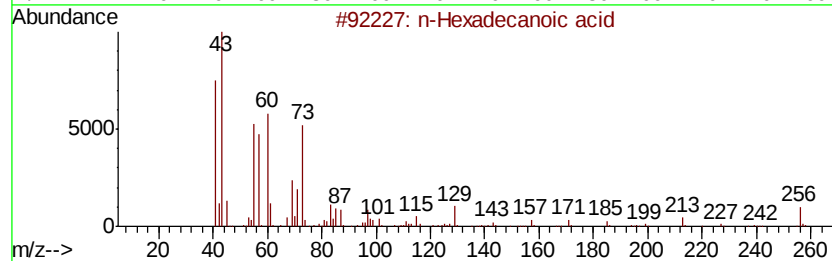
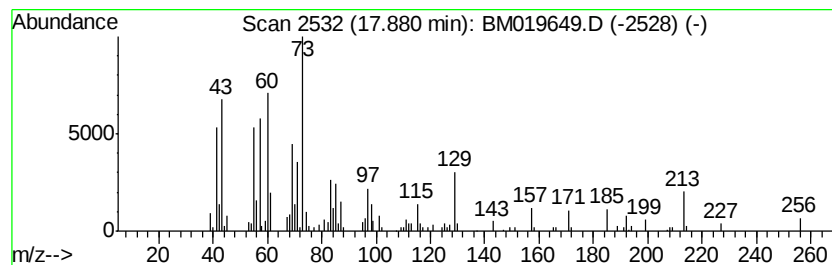
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	3.01 ng/ul	296674	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59	
3	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	47	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	47	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47	



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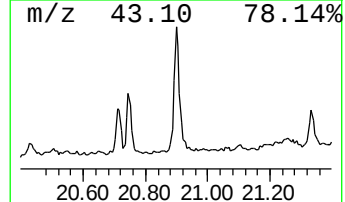
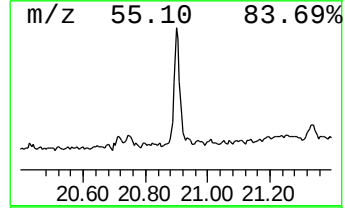
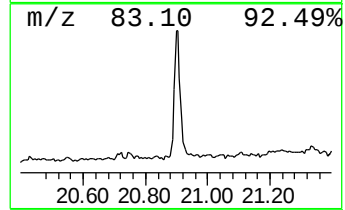
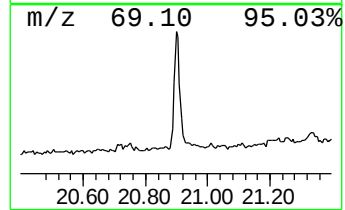
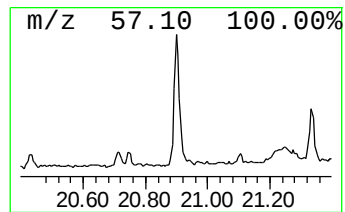
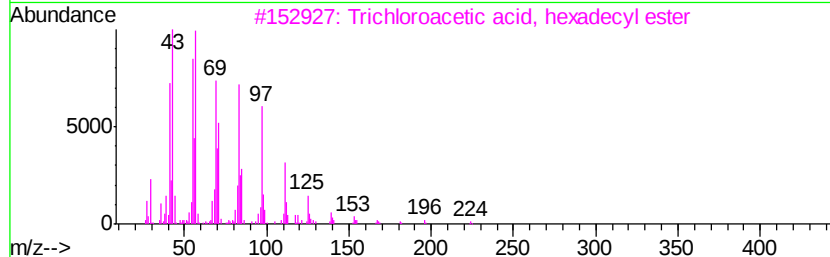
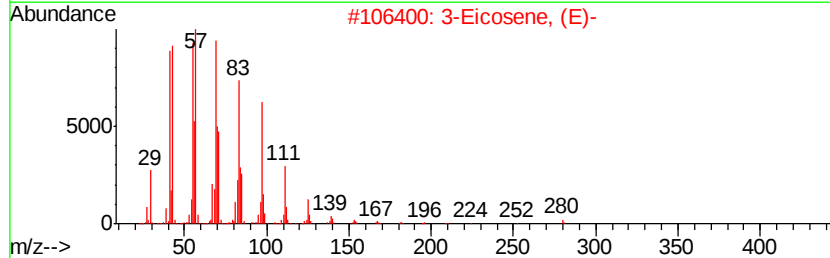
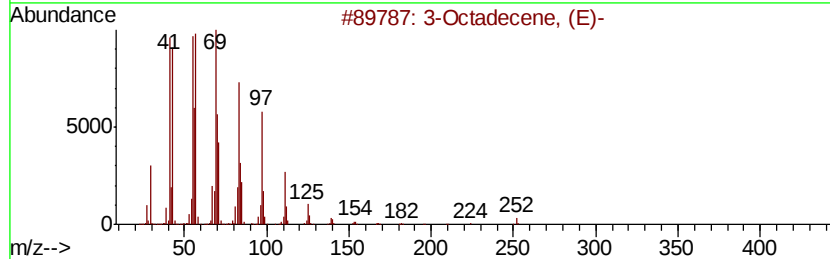
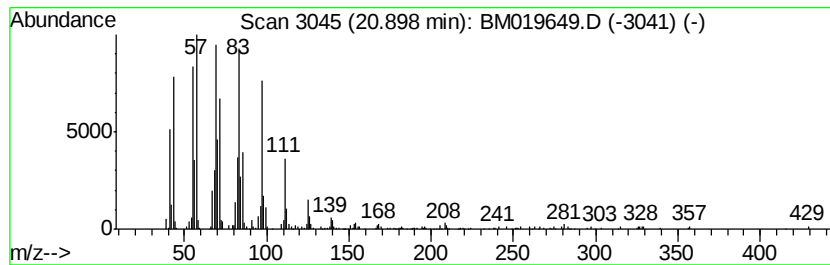
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.50 ng/ul	506366	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Octadecene, (E)-	252 C18H36	007206-19-1	95
2	3-Eicosene, (E)-	280 C20H40	074685-33-9	91
3	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
4	Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7	91
5	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	91



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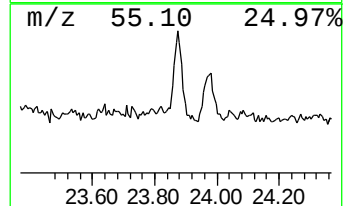
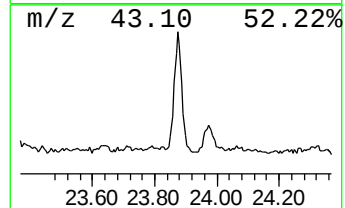
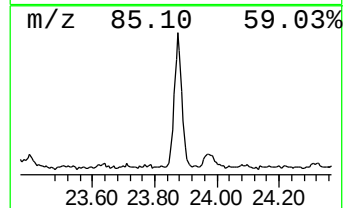
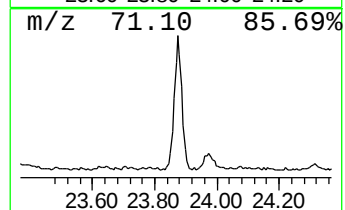
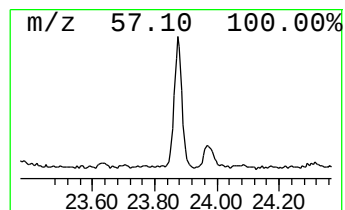
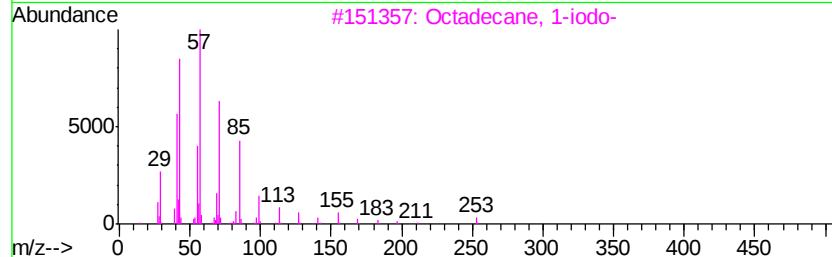
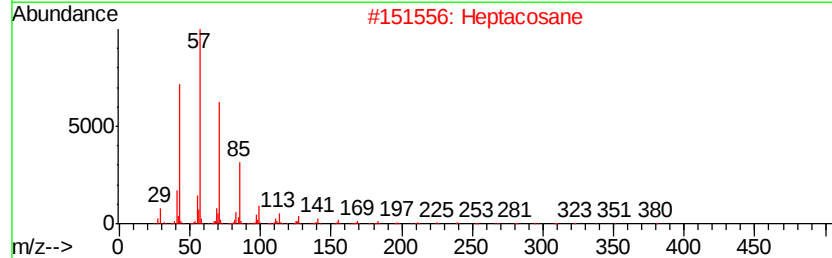
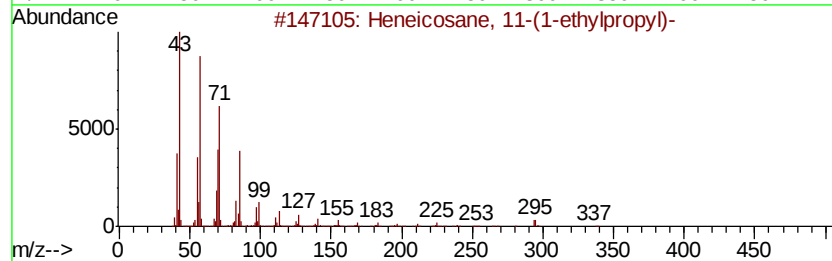
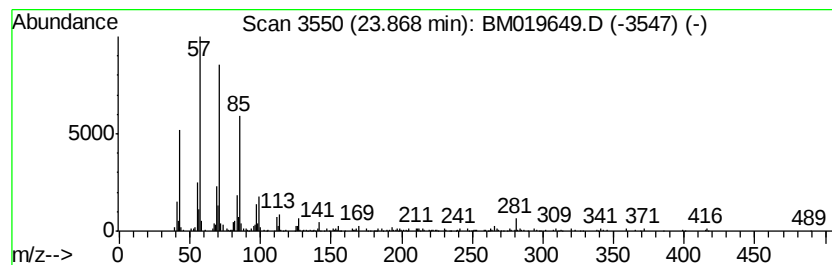
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.06 ng/ul	468791	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Heptacosane	380	C27H56	000593-49-7	83
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4		Eicosane, 3-methyl-	296	C21H44	006418-46-8	68
5		Tetradecane	198	C14H30	000629-59-4	64



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BNA_M
ClientSampleId :
BF5L6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.66	2.7	ng/ul	218686	3	14.23	1622680	20.0
n-Hexadecanoic acid	17.88	3.0	ng/ul	296674	4	16.99	1970500	20.0
(DEL) Alkane: Cyc...	20.90	3.5	ng/ul	506366	5	21.20	2895410	20.0
(DEL) Alkane: Str...	23.87	3.1	ng/ul	468791	6	23.40	3061190	20.0