

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023301.D
 Acq On : 20 Oct 2019 00:02
 Operator : JU
 Sample : K5378-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0023

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-BM101419MA.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	3.169	28	31	37	rBV	82928	107394	1.29%	0.113%
2	3.804	137	139	143	rVB4	16702	19399	0.23%	0.020%
3	3.893	152	154	162	rVB2	25696	37598	0.45%	0.040%
4	6.345	564	571	578	rVB8	20498	46379	0.56%	0.049%
5	6.822	646	652	664	rVB	1411669	2366698	28.51%	2.498%
6	6.945	670	673	674	rBV3	11147	10844	0.13%	0.011%
7	6.987	675	680	690	rVB	998322	1591346	19.17%	1.680%
8	7.186	706	714	723	rBV	1447866	2336966	28.16%	2.467%
9	7.651	786	793	801	rBV	1607463	2547821	30.70%	2.689%
10	7.734	803	807	811	rVB5	10266	17069	0.21%	0.018%
11	8.245	891	894	898	rBV6	5301	9387	0.11%	0.010%
12	8.357	905	913	921	rBV	1666790	2709552	32.64%	2.860%
13	8.598	950	954	958	rVB6	5878	10386	0.13%	0.011%
14	8.639	958	961	965	rBV5	6324	9562	0.12%	0.010%
15	8.798	979	988	1000	rBV	1224130	2075395	25.00%	2.191%
16	8.980	1015	1019	1024	rVB5	10027	16847	0.20%	0.018%
17	9.280	1064	1070	1075	rBV5	15620	28522	0.34%	0.030%
18	9.516	1102	1110	1118	rBV	997887	1616970	19.48%	1.707%
19	10.051	1191	1201	1210	rBV	1716036	2846271	34.29%	3.004%
20	10.427	1257	1265	1272	rBV	2162318	3580974	43.14%	3.780%
21	10.563	1278	1288	1304	rBV	1641017	2767745	33.35%	2.921%
22	11.239	1398	1403	1407	rVV6	6113	10092	0.12%	0.011%
23	11.669	1471	1476	1483	rVB3	22304	35774	0.43%	0.038%
24	12.027	1530	1537	1542	rBV2	28563	49894	0.60%	0.053%
25	12.921	1682	1689	1691	rBV8	8093	12464	0.15%	0.013%
26	13.216	1735	1739	1744	rBV4	8801	16290	0.20%	0.017%
27	13.710	1817	1823	1828	rBV	2758941	3884089	46.79%	4.100%
28	13.757	1828	1831	1837	rVB	1127819	1457639	17.56%	1.539%
29	13.986	1863	1870	1881	rBV	3215908	4832592	58.22%	5.101%
30	14.298	1914	1923	1932	rVV	3149947	4748679	57.21%	5.012%
31	14.492	1950	1956	1966	rBV	832863	1232435	14.85%	1.301%
32	14.715	1990	1994	2003	rVB4	53101	86907	1.05%	0.092%
33	15.127	2060	2064	2067	rBV5	7815	11277	0.14%	0.012%
34	15.186	2071	2074	2079	rVB6	13349	19121	0.23%	0.020%

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35	15.292	2085	2092	2100	rBV	4137862	5898533	71.06%	6.226%
36	15.409	2105	2112	2120	rBV	637528	924443	11.14%	0.976%
37	15.533	2128	2133	2140	rVB2	51609	72885	0.88%	0.077%
38	16.039	2217	2219	2222	rBV4	8892	11997	0.14%	0.013%
39	16.080	2222	2226	2230	rVB6	13477	24754	0.30%	0.026%
40	16.162	2237	2240	2242	rBV4	7572	8653	0.10%	0.009%
41	16.468	2286	2292	2295	rBV7	19105	28654	0.35%	0.030%
42	16.727	2333	2336	2340	rVB4	9607	12214	0.15%	0.013%
43	16.780	2340	2345	2346	rBV5	7011	9576	0.12%	0.010%
44	16.833	2349	2354	2355	rBV4	14624	19142	0.23%	0.020%
45	17.039	2383	2389	2396	rVV2	4011676	5592546	67.38%	5.903%
46	17.139	2399	2406	2415	rBV	4542921	6378836	76.85%	6.733%
47	17.239	2420	2423	2430	rVB6	44098	59771	0.72%	0.063%
48	17.409	2449	2452	2456	rBV6	6370	9361	0.11%	0.010%
49	17.568	2477	2479	2484	rVB6	7287	8850	0.11%	0.009%
50	17.827	2520	2523	2528	rVB6	15108	18644	0.22%	0.020%
51	17.962	2541	2546	2552	rBV	127602	193393	2.33%	0.204%
52	18.027	2555	2557	2562	rVB6	12063	14735	0.18%	0.016%
53	18.268	2594	2598	2601	rVB6	19537	26388	0.32%	0.028%
54	18.903	2704	2706	2712	rBV7	18829	20588	0.25%	0.022%
55	19.068	2730	2734	2738	rBV	56670	82761	1.00%	0.087%
56	19.321	2774	2777	2782	rVB	39855	55871	0.67%	0.059%
57	19.433	2790	2796	2803	rBV	5613497	7611802	91.71%	8.035%
58	20.980	3055	3059	3062	rBV3	235149	329770	3.97%	0.348%
59	21.021	3063	3066	3070	rVB	233433	257557	3.10%	0.272%
60	21.227	3096	3101	3110	rBV	5254823	6808547	82.03%	7.187%
61	21.850	3205	3207	3213	rVB2	217743	252121	3.04%	0.266%
62	22.315	3283	3286	3291	rVB	363365	460161	5.54%	0.486%
63	22.438	3303	3307	3313	rVB	1002493	1280255	15.42%	1.351%
64	22.815	3368	3371	3377	rVB2	450455	657158	7.92%	0.694%
65	23.291	3446	3452	3461	rVB	4563154	8300261	100.00%	8.761%
66	23.380	3464	3467	3470	rVV	494207	782184	9.42%	0.826%
67	23.433	3470	3476	3488	rVB	3962793	7375287	88.86%	7.785%

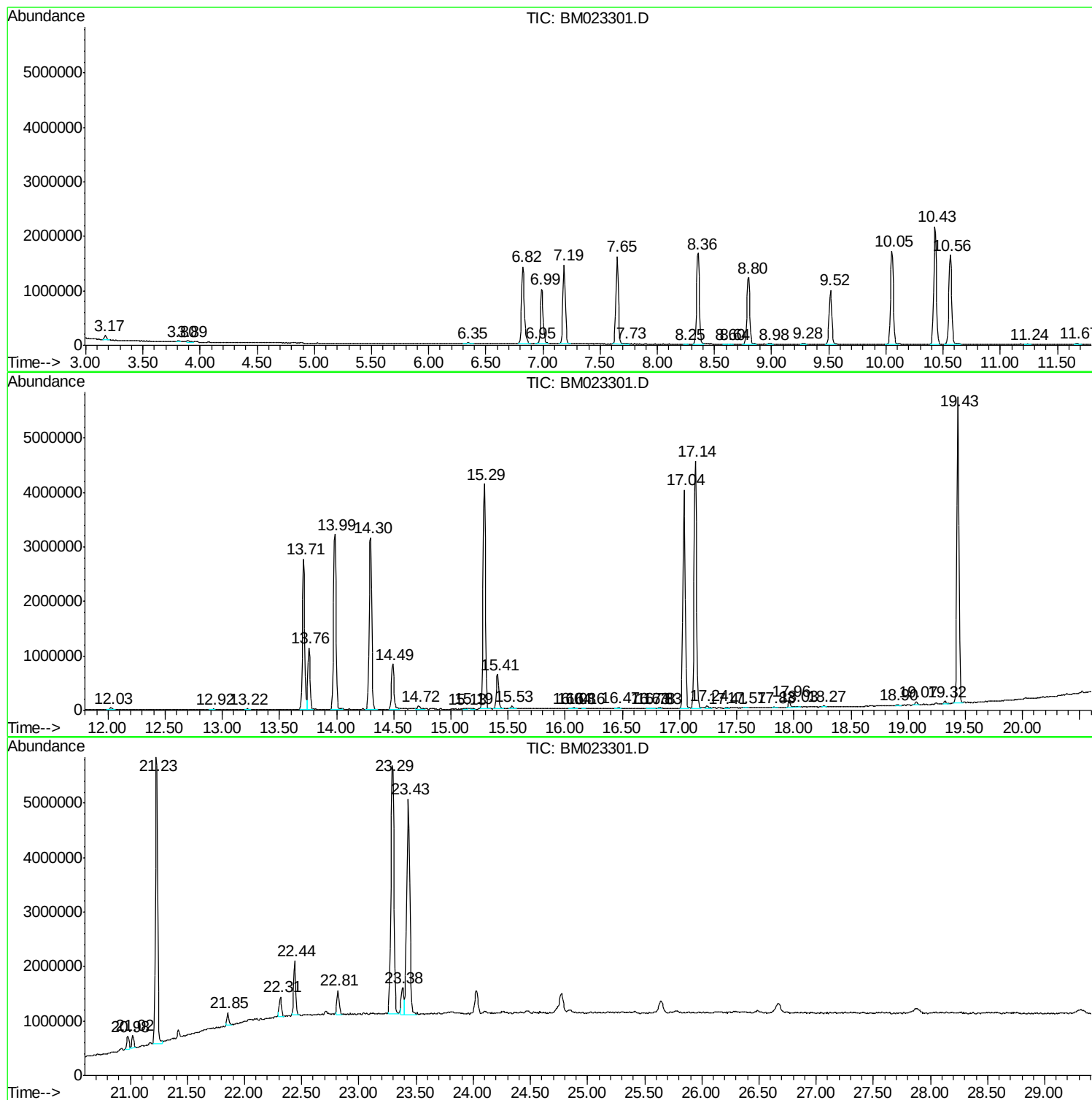
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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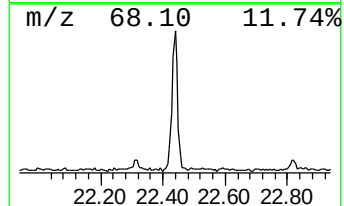
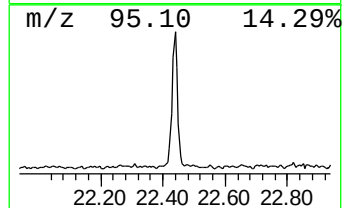
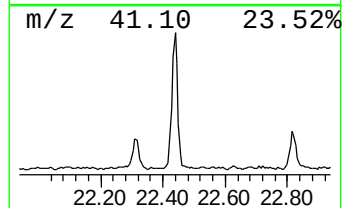
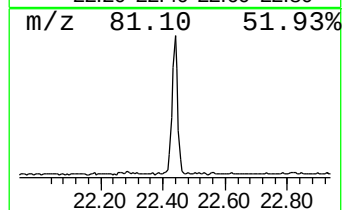
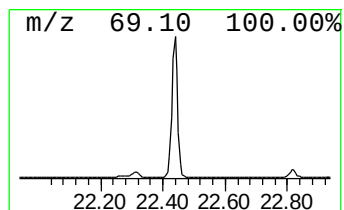
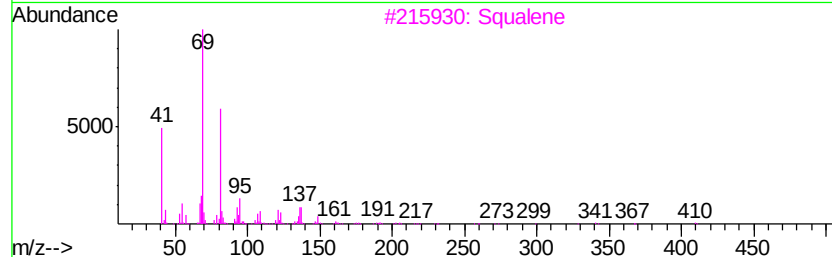
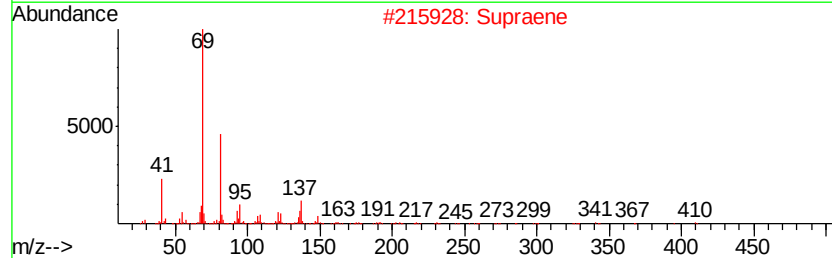
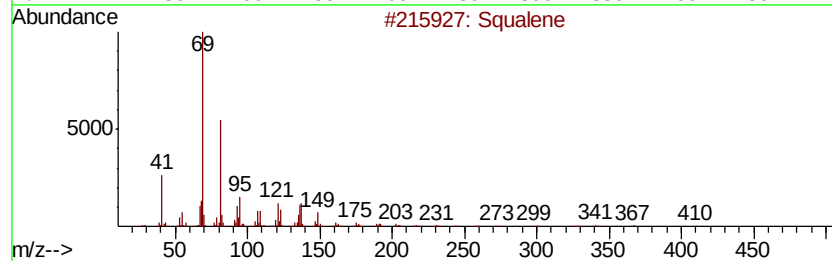
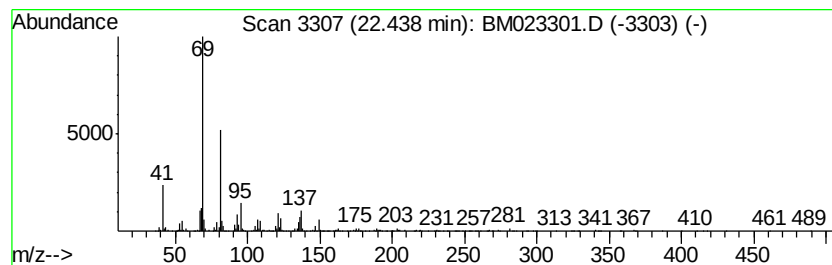
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Peak Number 1 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	3.47 ng/ul	1280260	Perylene-d12	23.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	95
2	Supraene	410 C30H50	007683-64-9	91
3	Squalene	410 C30H50	000111-02-4	78
4	Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7	78
5	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	72



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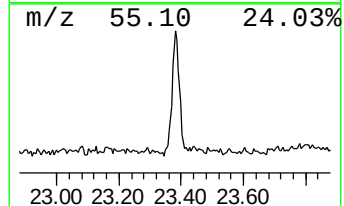
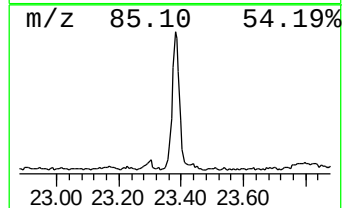
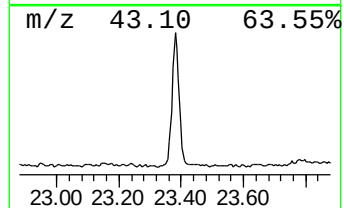
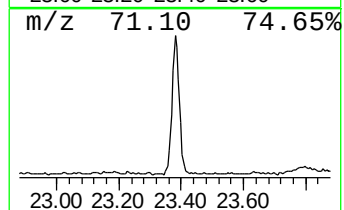
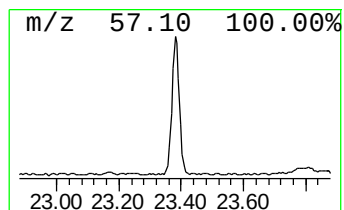
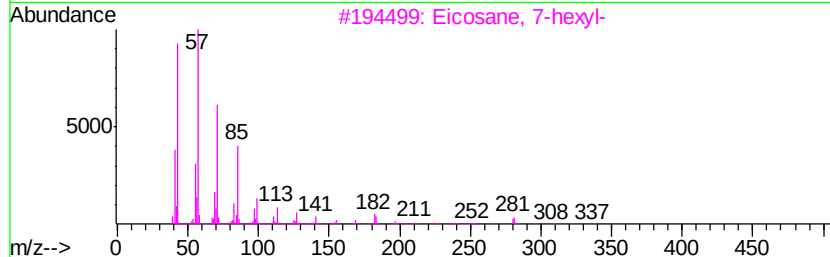
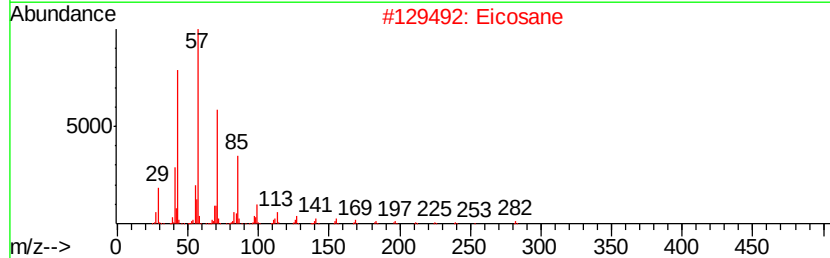
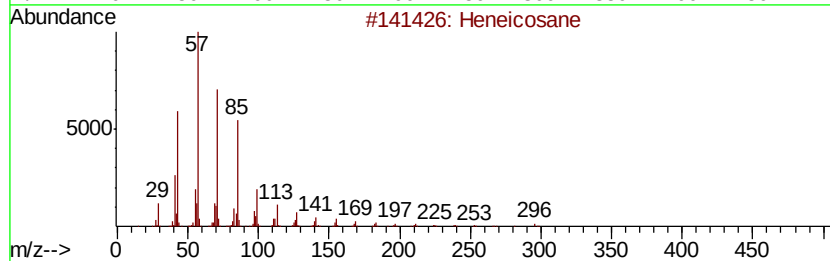
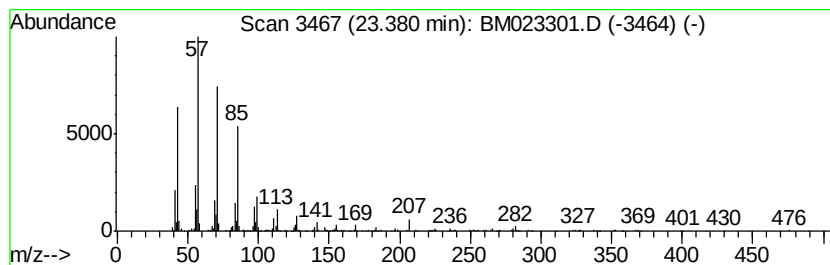
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.38	2.12 ng/ul	782184	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Squalene	22.44	3.5	ng/ul	1280260	6	23.43	7375290	20.0
(DEL) Alkane: Str...	23.38	2.1	ng/ul	782184	6	23.43	7375290	20.0