

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
 Data File : BG021516.D
 Acq On : 25 Mar 2016 16:19
 Operator : UM/SJ
 Sample : H1909-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T50

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.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	3.150	51	53	60	rVB5	1869	2409	0.51%	0.047%
2	3.467	103	107	110	rVB2	2851	3114	0.66%	0.061%
3	3.937	184	187	190	rBV2	615	916	0.20%	0.018%
4	5.383	429	433	436	rVB	507	718	0.15%	0.014%
5	5.800	500	504	507	rVV2	430	687	0.15%	0.013%
6	6.082	549	552	555	rBB2	436	622	0.13%	0.012%
7	6.187	566	570	572	rBV	515	766	0.16%	0.015%
8	6.616	638	643	646	rBV	388	644	0.14%	0.013%
9	7.227	742	747	749	rBV	382	544	0.12%	0.011%
10	7.345	760	767	771	rBV	57514	109866	23.42%	2.144%
11	7.392	771	775	782	rVV	50141	82474	17.58%	1.609%
12	7.639	811	817	826	rBB	68204	113440	24.18%	2.214%
13	8.068	883	890	896	rBB	56078	93523	19.93%	1.825%
14	8.849	1017	1023	1034	rBB2	83797	143838	30.66%	2.807%
15	9.231	1082	1088	1098	rBB	67320	122864	26.19%	2.397%
16	9.607	1148	1152	1156	rBB2	624	709	0.15%	0.014%
17	9.954	1205	1211	1218	rBB	62794	109488	23.34%	2.136%
18	10.571	1310	1316	1325	rBB	88546	153974	32.82%	3.004%
19	10.870	1360	1367	1376	rBB	86332	151281	32.24%	2.952%
20	11.017	1384	1392	1401	rBV	79242	140572	29.96%	2.743%
21	12.445	1632	1635	1638	rBB	1107	1302	0.28%	0.025%
22	13.567	1822	1826	1828	rBB2	1099	1245	0.27%	0.024%
23	14.084	1907	1914	1918	rBV	162526	242234	51.63%	4.727%
24	14.125	1918	1921	1927	rVB	43743	58448	12.46%	1.140%
25	14.378	1957	1964	1971	rBV	195280	290455	61.90%	5.668%
26	14.548	1989	1993	1997	rBB	5138	5954	1.27%	0.116%
27	14.683	2009	2016	2022	rBB2	136698	219387	46.76%	4.281%
28	15.089	2080	2085	2094	rBV	37320	76091	16.22%	1.485%
29	15.153	2094	2096	2101	rVB3	2326	3855	0.82%	0.075%
30	15.230	2106	2109	2113	rVB	1162	1023	0.22%	0.020%
31	15.447	2143	2146	2149	rBB	904	870	0.19%	0.017%
32	15.494	2150	2154	2159	rBB2	8782	10448	2.23%	0.204%
33	15.553	2160	2164	2168	rBB	547	643	0.14%	0.013%
34	15.670	2177	2184	2191	rBB	246332	367757	78.38%	7.176%

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35	15.794	2200	2205	2212	rVV	69096	98488	20.99%	1.922%
36	15.876	2215	2219	2220	rBV	1684	1620	0.35%	0.032%
37	15.900	2220	2223	2227	rVV3	3484	5025	1.07%	0.098%
38	15.988	2235	2238	2241	rBB2	956	1015	0.22%	0.020%
39	16.052	2244	2249	2251	rBB2	794	949	0.20%	0.019%
40	16.117	2257	2260	2263	rBB	1037	979	0.21%	0.019%
41	16.352	2296	2300	2309	rBV	9215	14437	3.08%	0.282%
42	16.693	2356	2358	2362	rBV2	1365	2011	0.43%	0.039%
43	16.752	2366	2368	2372	rBB2	864	854	0.18%	0.017%
44	16.810	2376	2378	2382	rBB	966	950	0.20%	0.019%
45	16.857	2383	2386	2389	rBB	782	673	0.14%	0.013%
46	17.145	2431	2435	2439	rBV	5215	6584	1.40%	0.128%
47	17.192	2439	2443	2446	rVV	2053	2590	0.55%	0.051%
48	17.421	2475	2482	2487	rBV	175999	264265	56.32%	5.157%
49	17.462	2487	2489	2493	rVV2	7083	8513	1.81%	0.166%
50	17.515	2493	2498	2507	rVB	261384	383021	81.63%	7.474%
51	17.674	2522	2525	2528	rBB2	1005	902	0.19%	0.018%
52	17.774	2538	2542	2545	rBV	1303	2006	0.43%	0.039%
53	17.797	2545	2546	2548	rVV	998	570	0.12%	0.011%
54	17.880	2554	2560	2565	rVV3	1807	2445	0.52%	0.048%
55	18.238	2619	2621	2626	rBV	632	676	0.14%	0.013%
56	18.291	2626	2630	2635	rBV2	9159	12290	2.62%	0.240%
57	18.332	2635	2637	2638	rVV2	1488	1218	0.26%	0.024%
58	18.344	2638	2639	2643	rVV2	1367	1774	0.38%	0.035%
59	18.491	2659	2664	2667	rVV3	1434	2315	0.49%	0.045%
60	18.520	2667	2669	2674	rVB4	806	933	0.20%	0.018%
61	18.567	2674	2677	2681	rBV3	1349	1678	0.36%	0.033%
62	18.643	2686	2690	2694	rBV3	736	1326	0.28%	0.026%
63	18.702	2694	2700	2703	rVV3	5589	6477	1.38%	0.126%
64	18.784	2711	2714	2716	rBV2	957	818	0.17%	0.016%
65	18.837	2721	2723	2726	rVB3	937	711	0.15%	0.014%
66	18.884	2729	2731	2733	rBV	668	694	0.15%	0.014%
67	18.990	2746	2749	2750	rBV3	773	736	0.16%	0.014%
68	19.113	2766	2770	2771	rBV2	486	571	0.12%	0.011%
69	19.137	2771	2774	2775	rBV3	1420	1373	0.29%	0.027%
70	19.178	2779	2781	2782	rVV	1231	861	0.18%	0.017%
71	19.196	2782	2784	2787	rVV2	1822	1774	0.38%	0.035%

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72	19.249	2790	2793	2796	rBV3	1585	2502	0.53%	0.049%
73	19.290	2796	2800	2802	rVV4	1219	1754	0.37%	0.034%
74	19.307	2802	2803	2804	rVV	1464	590	0.13%	0.012%
75	19.337	2804	2808	2809	rVV4	1340	1479	0.32%	0.029%
76	19.354	2809	2811	2812	rVB2	1268	755	0.16%	0.015%
77	19.413	2819	2821	2822	rBV2	1187	706	0.15%	0.014%
78	19.425	2822	2823	2826	rVV3	2255	2996	0.64%	0.058%
79	19.460	2826	2829	2836	rVB	13310	17621	3.76%	0.344%
80	19.531	2839	2841	2843	rBV3	1834	1986	0.42%	0.039%
81	19.554	2843	2845	2846	rBV2	1000	821	0.17%	0.016%
82	19.683	2865	2867	2870	rBV3	3514	3438	0.73%	0.067%
83	19.736	2875	2876	2877	rVB	1620	571	0.12%	0.011%
84	19.795	2877	2886	2896	rBV	314288	469196	100.00%	9.155%
85	20.001	2918	2921	2923	rVB4	1327	1522	0.32%	0.030%
86	20.018	2923	2924	2927	rBV3	2394	2110	0.45%	0.041%
87	20.071	2931	2933	2934	rBV2	1428	1094	0.23%	0.021%
88	20.265	2964	2966	2967	rBV2	1840	1502	0.32%	0.029%
89	20.294	2967	2971	2976	rVV5	6701	11997	2.56%	0.234%
90	20.336	2976	2978	2979	rVV2	1728	1013	0.22%	0.020%
91	20.788	3052	3055	3058	rVB3	7944	7542	1.61%	0.147%
92	21.287	3137	3140	3148	rVB6	11926	18426	3.93%	0.360%
93	21.675	3200	3206	3211	rBV	200947	323639	68.98%	6.315%
94	22.433	3332	3335	3339	rVB4	9158	11866	2.53%	0.232%
95	23.115	3447	3451	3459	rVB9	11137	24089	5.13%	0.470%
96	23.314	3480	3485	3491	rVB3	18415	34618	7.38%	0.675%
97	23.908	3581	3586	3595	rVB2	34571	77554	16.53%	1.513%
98	24.678	3708	3717	3727	rVB2	162471	435517	92.82%	8.498%
99	24.901	3745	3755	3765	rVB2	112594	318925	67.97%	6.223%
100	32.386	5027	5029	5031	rBV2	4094	2731	0.58%	0.053%

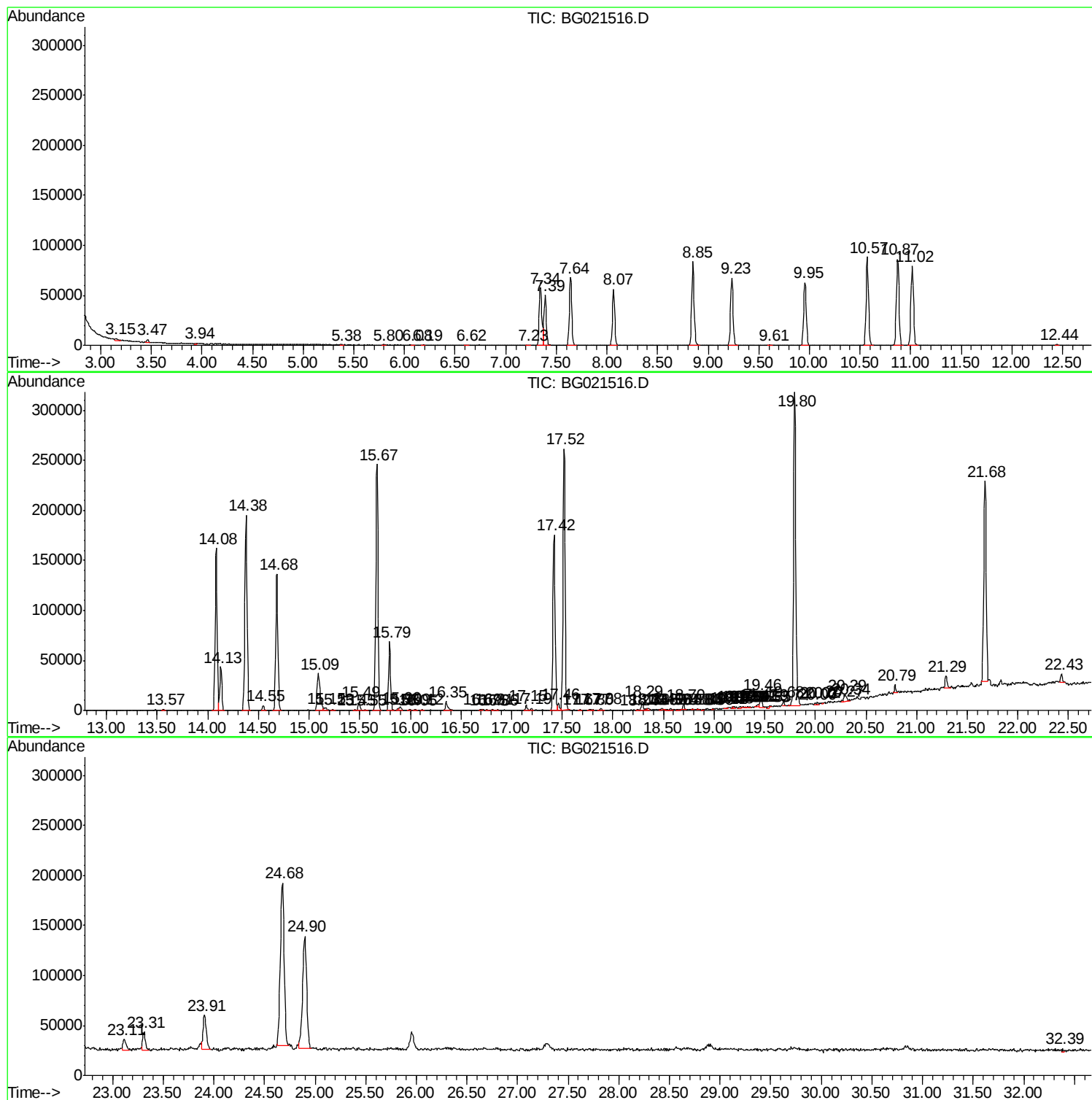
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TIC Library : C:\DATABASE\NIST02.L
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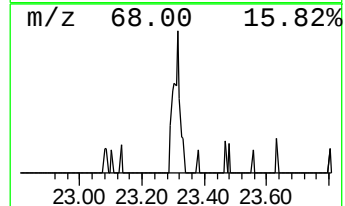
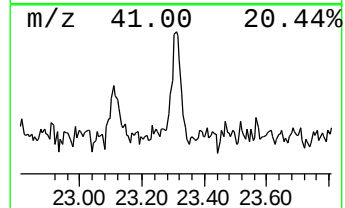
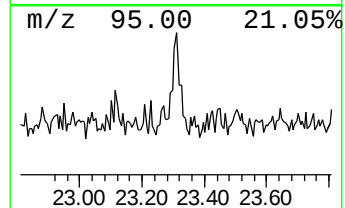
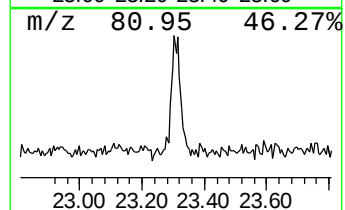
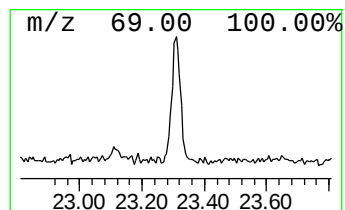
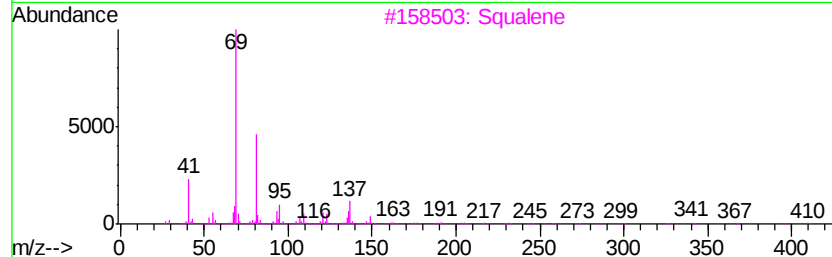
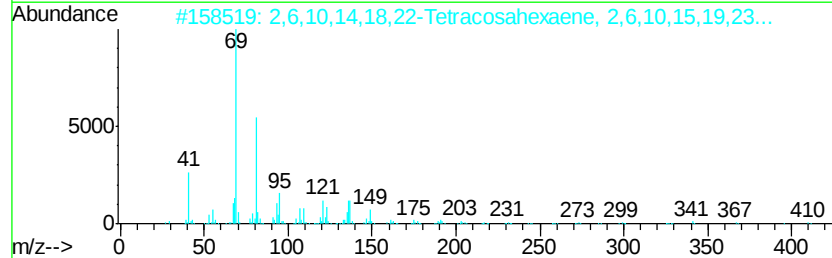
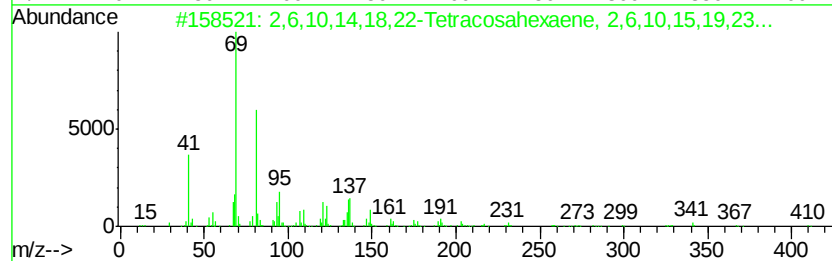
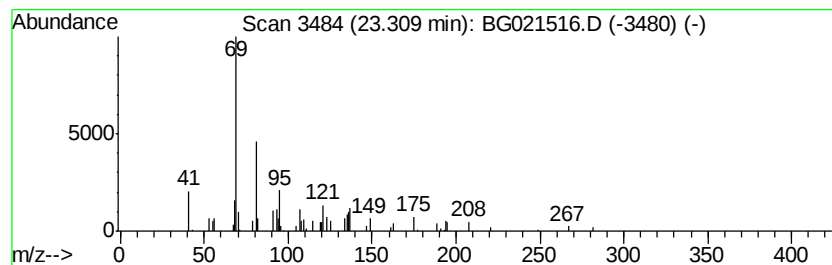
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,6,10,14,18,22-Tetracosah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	2.17 ng/ul	34618	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	74		
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72		
3	Squalene	410	C30H50	007683-64-9	72		
4	Squalene	410	C30H50	007683-64-9	72		
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72		



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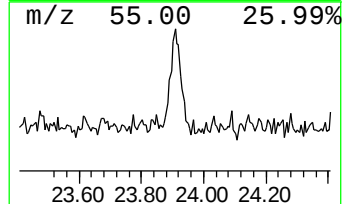
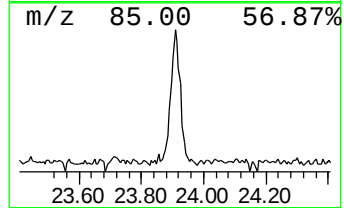
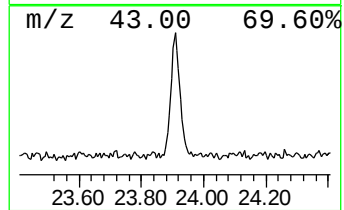
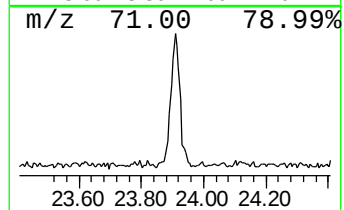
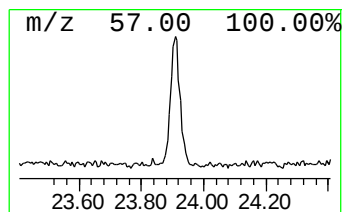
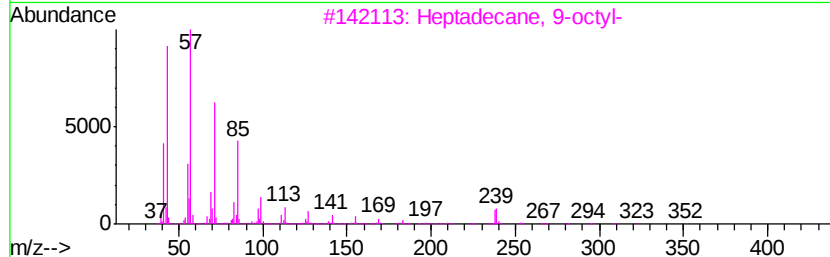
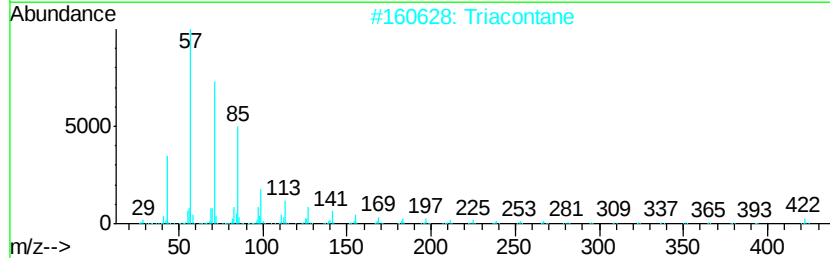
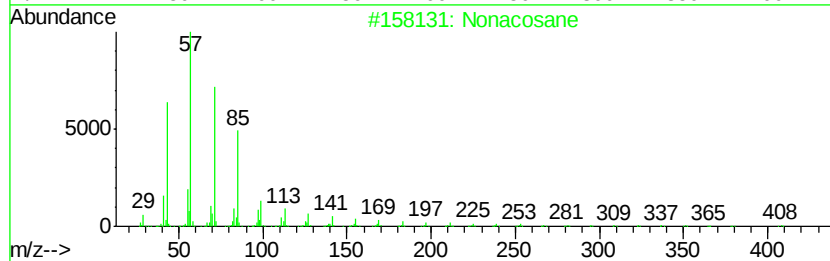
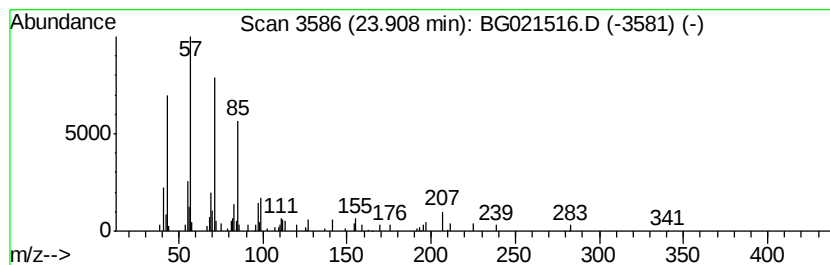
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	4.86 ng/ul	77554	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacosane	408	C29H60	000630-03-5	86
2			Triacontane	422	C30H62	000638-68-6	86
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
5			Heptacosane	380	C27H56	000593-49-7	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,6,10,14,18,22-T...	23.31	2.2	ng/ul	34618	6	24.90	318925	20.0
(DEL) Alkane: Str...	23.91	4.9	ng/ul	77554	6	24.90	318925	20.0