

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051617\
 Data File : BG026996.D
 Acq On : 17 May 2017 2:47
 Operator : SJ/MA
 Sample : I3106-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESXN7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	3.398	46	53	68	rVB2	102813	217143	7.00%	0.673%
2	3.639	87	94	95	rVB3	4331	6954	0.22%	0.022%
3	4.180	180	186	194	rVB6	6095	16219	0.52%	0.050%
4	4.720	269	278	288	rBV	179236	312230	10.07%	0.967%
5	6.201	527	530	545	rVB6	3065	8678	0.28%	0.027%
6	6.918	647	652	658	rVB4	2308	5660	0.18%	0.018%
7	7.182	691	697	714	rVV	100707	216018	6.97%	0.669%
8	7.329	714	722	733	rBV	256709	447731	14.44%	1.387%
9	7.541	750	758	771	rVV	268397	494466	15.95%	1.532%
10	8.005	827	837	848	rBV	704992	1206350	38.91%	3.738%
11	8.722	952	959	978	rBV	208551	438404	14.14%	1.358%
12	9.162	1025	1034	1051	rBV	296024	544607	17.57%	1.687%
13	9.579	1099	1105	1112	rBV3	5700	7459	0.24%	0.023%
14	9.885	1150	1157	1172	rBV	246195	451879	14.58%	1.400%
15	10.437	1241	1251	1271	rBV	322690	708165	22.84%	2.194%
16	10.802	1304	1313	1331	rBV	1144168	2040200	65.81%	6.322%
17	10.943	1331	1337	1354	rVV	78670	196748	6.35%	0.610%
18	11.471	1422	1427	1439	rVB8	3483	8749	0.28%	0.027%
19	12.065	1523	1528	1535	rVB4	6845	10206	0.33%	0.032%
20	12.388	1578	1583	1589	rBV4	6015	12106	0.39%	0.038%
21	13.228	1719	1726	1736	rVB6	4813	11922	0.38%	0.037%
22	14.015	1852	1860	1877	rBV	780249	1137019	36.68%	3.523%
23	14.309	1901	1910	1921	rBV	940165	1472719	47.51%	4.563%
24	14.497	1939	1942	1947	rVB5	4366	6213	0.20%	0.019%
25	14.615	1952	1962	1973	rBV2	1601313	2609257	84.17%	8.085%
26	14.873	1997	2006	2032	rBV3	26793	132563	4.28%	0.411%
27	15.061	2032	2038	2044	rVV6	3467	8205	0.26%	0.025%
28	15.267	2068	2073	2079	rBV6	2191	5694	0.18%	0.018%
29	15.396	2090	2095	2101	rBV3	7592	13823	0.45%	0.043%
30	15.449	2101	2104	2109	rVB3	8853	11128	0.36%	0.034%
31	15.602	2119	2130	2140	rBV	1167952	1768968	57.06%	5.481%
32	15.731	2146	2152	2160	rBV	171347	301375	9.72%	0.934%
33	15.802	2160	2164	2168	rVV	59929	83754	2.70%	0.260%
34	15.849	2168	2172	2178	rVB3	18870	30522	0.98%	0.095%

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35	15.948	2185	2189	2193	rVB5	4246	6613	0.21%	0.020%
36	16.007	2193	2199	2204	rBV7	2842	7482	0.24%	0.023%
37	16.160	2221	2225	2232	rBV6	2896	6720	0.22%	0.021%
38	16.307	2246	2250	2260	rBV4	11285	23824	0.77%	0.074%
39	16.377	2260	2262	2267	rVB4	4173	6200	0.20%	0.019%
40	16.477	2274	2279	2282	rBV5	4148	5887	0.19%	0.018%
41	16.554	2289	2292	2300	rVB10	6081	9757	0.31%	0.030%
42	17.094	2378	2384	2388	rBV4	7278	12946	0.42%	0.040%
43	17.141	2388	2392	2399	rVV5	9133	15750	0.51%	0.049%
44	17.353	2419	2428	2438	rBV	1745374	2741144	88.42%	8.494%
45	17.447	2438	2444	2458	rVV2	1142764	1775197	57.26%	5.501%
46	17.535	2458	2459	2465	rVV4	3604	6363	0.21%	0.020%
47	17.635	2471	2476	2481	rVB7	4061	6572	0.21%	0.020%
48	17.746	2491	2495	2496	rBV4	4874	6361	0.21%	0.020%
49	17.764	2496	2498	2505	rVB7	4208	8750	0.28%	0.027%
50	17.999	2530	2538	2540	rBV8	5672	13237	0.43%	0.041%
51	18.070	2546	2550	2554	rVB7	5603	9324	0.30%	0.029%
52	18.175	2560	2568	2570	rBV7	8320	19884	0.64%	0.062%
53	18.234	2574	2578	2582	rBV7	18742	31347	1.01%	0.097%
54	18.293	2583	2588	2590	rVV5	12959	22970	0.74%	0.071%
55	18.322	2590	2593	2606	rVV9	14488	48749	1.57%	0.151%
56	18.422	2606	2610	2617	rVB9	4514	9711	0.31%	0.030%
57	18.516	2620	2626	2632	rVB9	6453	16808	0.54%	0.052%
58	18.616	2633	2643	2650	rVB10	15491	34723	1.12%	0.108%
59	18.769	2666	2669	2674	rVB5	7609	10413	0.34%	0.032%
60	18.939	2694	2698	2708	rVB8	4380	12548	0.40%	0.039%
61	19.021	2708	2712	2715	rBV6	6492	6715	0.22%	0.021%
62	19.139	2727	2732	2736	rBV8	4266	5936	0.19%	0.018%
63	19.180	2737	2739	2744	rVB5	4199	4769	0.15%	0.015%
64	19.280	2752	2756	2763	rBV8	8029	17686	0.57%	0.055%
65	19.397	2767	2776	2786	rBV2	97334	173350	5.59%	0.537%
66	19.497	2789	2793	2799	rBV8	19401	37980	1.23%	0.118%
67	19.621	2809	2814	2821	rBV5	11445	23497	0.76%	0.073%
68	19.732	2826	2833	2844	rBV2	1251911	1982805	63.96%	6.144%
69	19.885	2856	2859	2862	rBV5	3901	5232	0.17%	0.016%
70	19.956	2866	2871	2879	rBV10	10614	23037	0.74%	0.071%
71	20.020	2879	2882	2886	rBV5	3490	6192	0.20%	0.019%

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72	20.102	2890	2896	2900	rVB9	6131	10934	0.35%	0.034%
73	20.155	2900	2905	2909	rBV8	5440	10379	0.33%	0.032%
74	20.214	2912	2915	2917	rBV4	6001	8190	0.26%	0.025%
75	20.314	2929	2932	2935	rBV5	5811	7611	0.25%	0.024%
76	20.396	2943	2946	2956	rVB5	7937	16539	0.53%	0.051%
77	20.549	2971	2972	2976	rVB4	9557	9457	0.31%	0.029%
78	20.590	2976	2979	2984	rBV7	9325	18560	0.60%	0.058%
79	20.678	2991	2994	2996	rBV4	6137	6805	0.22%	0.021%
80	20.731	2999	3003	3009	rVB9	7027	14834	0.48%	0.046%
81	21.013	3046	3051	3055	rBV5	13621	24092	0.78%	0.075%
82	21.148	3072	3074	3075	rBV	12592	8372	0.27%	0.026%
83	21.342	3103	3107	3110	rVB6	13665	18936	0.61%	0.059%
84	21.595	3141	3150	3164	rBV	1771991	2994388	96.59%	9.278%
85	21.853	3192	3194	3195	rBV2	9185	6599	0.21%	0.020%
86	21.994	3216	3218	3225	rVB8	8759	18782	0.61%	0.058%
87	22.406	3272	3288	3298	rBV8	71504	387968	12.52%	1.202%
88	23.034	3388	3395	3406	rVB2	49883	105007	3.39%	0.325%
89	23.757	3511	3518	3523	rBV4	44759	125403	4.05%	0.389%
90	23.816	3523	3528	3535	rVB4	77163	172785	5.57%	0.535%
91	24.462	3632	3638	3641	rBV7	22078	53697	1.73%	0.166%
92	24.538	3641	3651	3676	rVV3	588412	1954924	63.06%	6.057%
93	24.756	3676	3688	3720	rVB2	930827	3100010	100.00%	9.606%
94	25.825	3858	3870	3880	rBV4	88240	340486	10.98%	1.055%
95	26.436	3971	3974	3980	rBV8	6775	13409	0.43%	0.042%
96	27.135	4083	4093	4107	rVB4	79995	282445	9.11%	0.875%
97	28.710	4353	4361	4379	rVB4	56388	237818	7.67%	0.737%
98	30.625	4676	4687	4705	rBV9	44766	210193	6.78%	0.651%
99	32.247	4961	4963	4965	rBV3	7436	6863	0.22%	0.021%
100	32.417	4990	4992	4997	rBV5	7034	7935	0.26%	0.025%

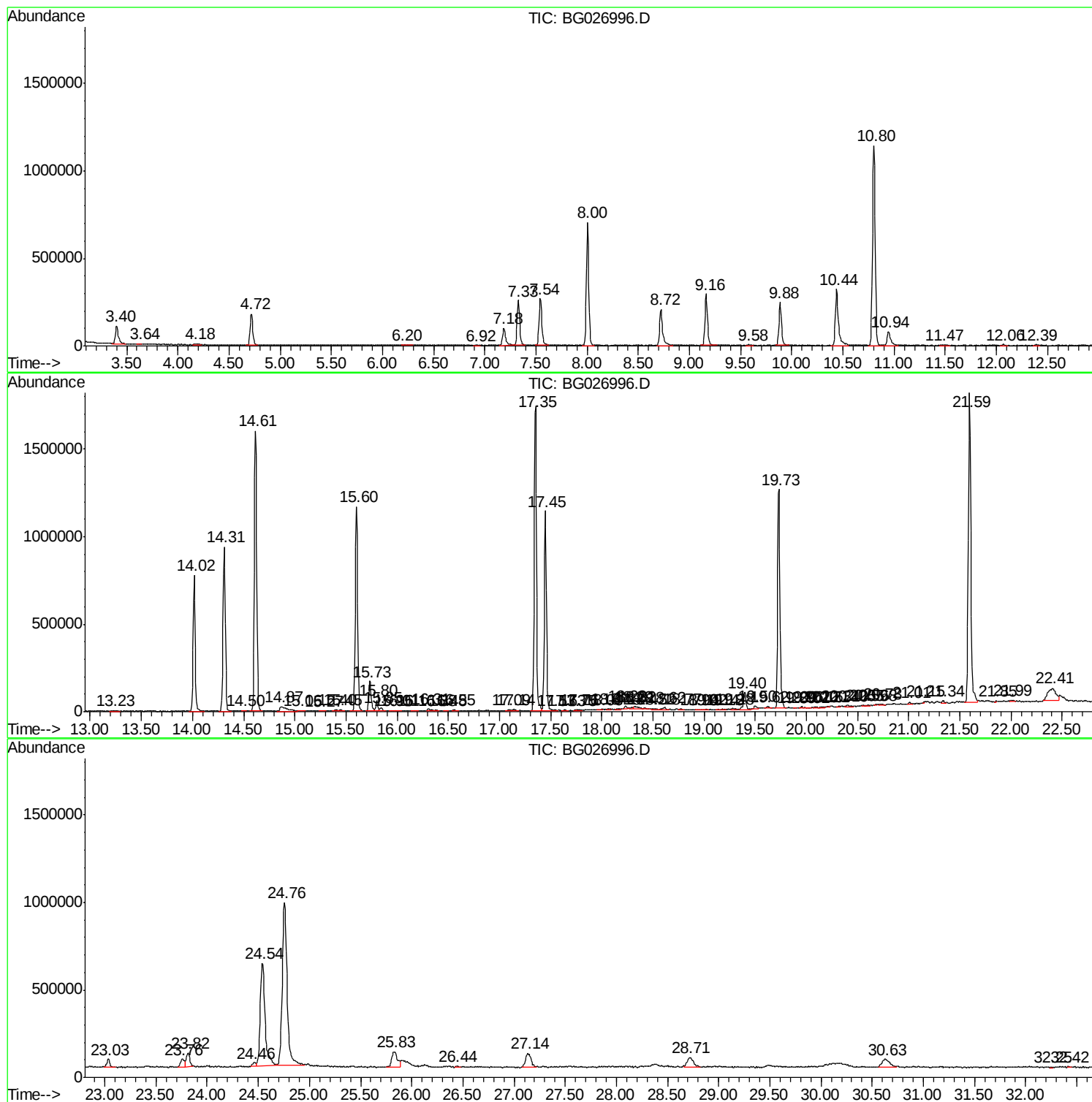
Sum of corrected areas: 32273034

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Quant Title : SVOA CALIBRATION

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



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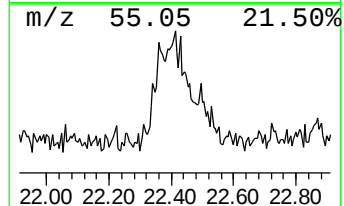
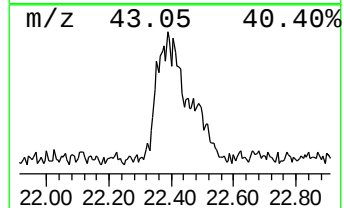
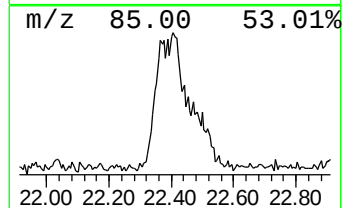
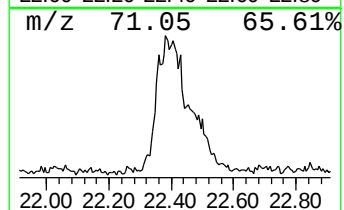
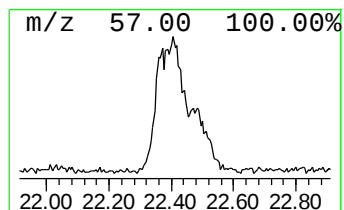
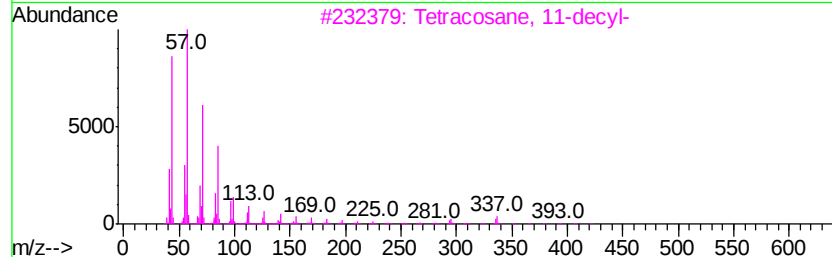
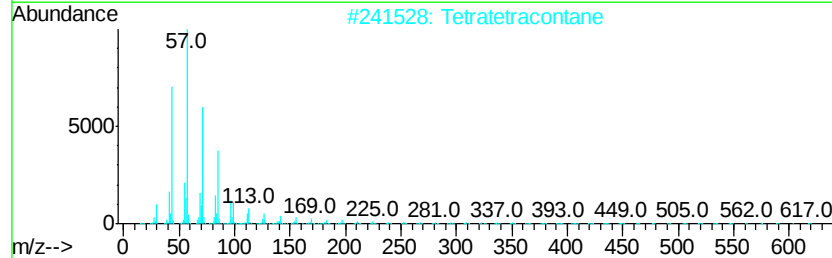
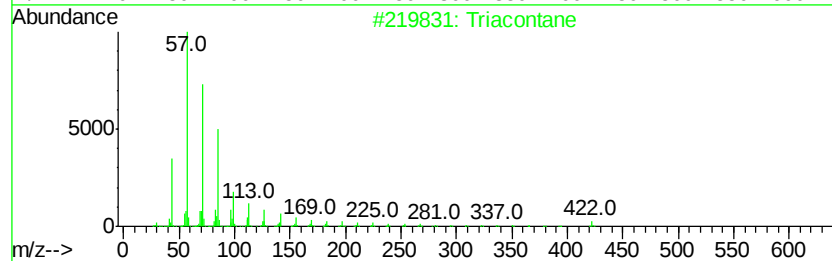
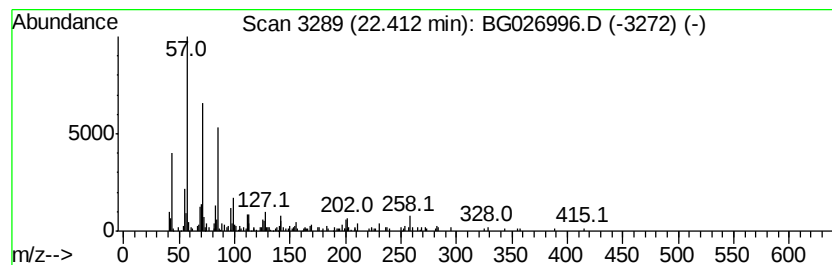
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	2.59 ng/ul	387968	Chrysene-d12	21.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
4		Hentriacontane	437	C31H64	000630-04-6	83
5		Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	83



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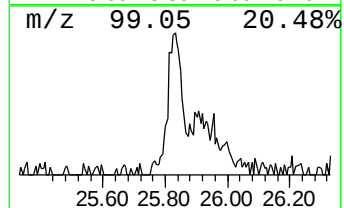
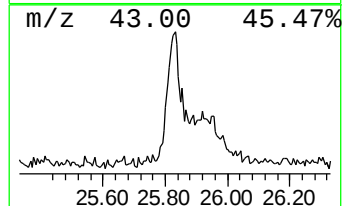
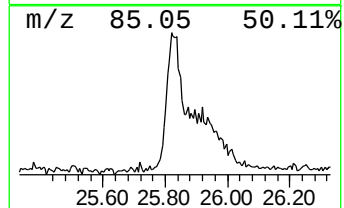
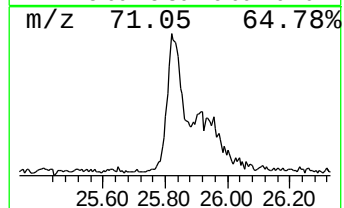
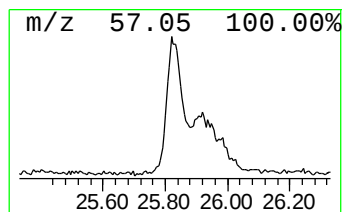
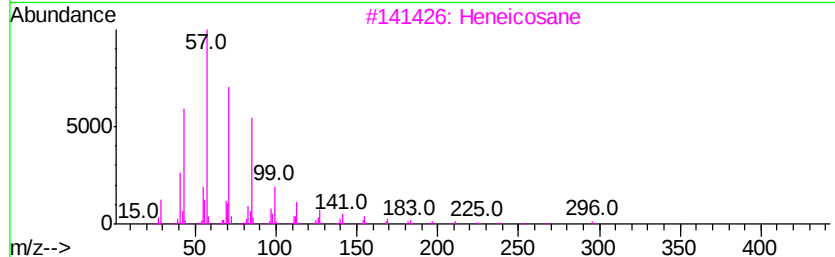
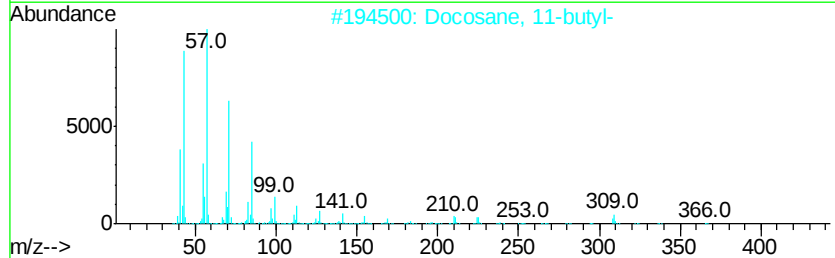
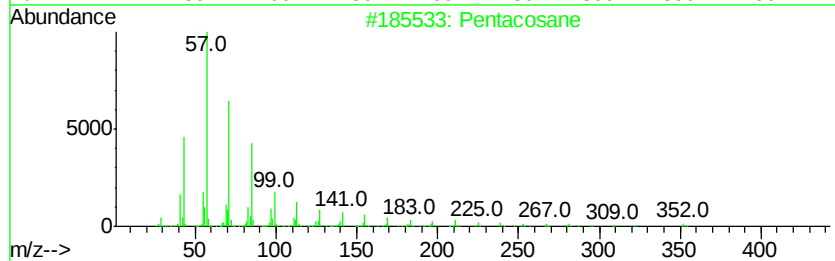
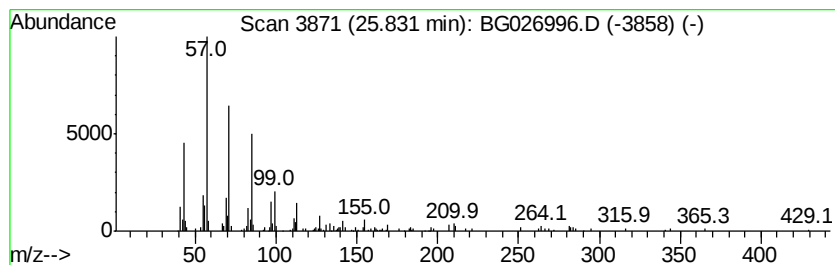
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	2.20 ng/ul	340486	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	87
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3		Heneicosane	296	C21H44	000629-94-7	86
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5		Tetratetracontane	619	C44H90	007098-22-8	83



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	22.41	2.6	ng/ul	387968	5	21.59	2994390	20.0
(DEL) Alkane: Str...	25.83	2.2	ng/ul	340486	6	24.76	3100010	20.0