

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AG6

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-BG080217.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	3.824	35	40	50	rVB8	6256	12750	1.16%	0.126%
2	4.330	123	126	131	rVB5	4069	4501	0.41%	0.045%
3	4.441	142	145	148	rBV4	3125	3352	0.31%	0.033%
4	4.747	190	197	208	rVB7	8148	17023	1.55%	0.169%
5	5.152	261	266	272	rVB5	4343	9223	0.84%	0.091%
6	5.264	279	285	287	rBV3	2877	5641	0.51%	0.056%
7	5.440	311	315	318	rVB4	4436	4983	0.45%	0.049%
8	7.344	633	639	642	rBV4	1883	3623	0.33%	0.036%
9	7.491	657	664	675	rVB	72060	142010	12.94%	1.409%
10	7.655	684	692	706	rVB2	49492	92863	8.46%	0.921%
11	7.872	722	729	736	rBV2	68817	124703	11.36%	1.237%
12	8.337	799	808	817	rBV	141653	259014	23.60%	2.569%
13	8.566	842	847	851	rBV3	1847	3196	0.29%	0.032%
14	9.036	914	927	942	rVB2	80439	161946	14.76%	1.606%
15	9.506	997	1007	1018	rBV	68876	135542	12.35%	1.344%
16	10.229	1121	1130	1141	rBV3	61449	119054	10.85%	1.181%
17	10.475	1169	1172	1177	rVB2	2409	3893	0.35%	0.039%
18	10.775	1214	1223	1236	rVB2	82190	172419	15.71%	1.710%
19	11.080	1271	1275	1279	rBV3	2634	4137	0.38%	0.041%
20	11.157	1279	1288	1299	rVV	204284	389007	35.45%	3.859%
21	11.286	1303	1310	1324	rBV2	40102	90503	8.25%	0.898%
22	11.392	1324	1328	1332	rVB2	3011	3843	0.35%	0.038%
23	12.314	1480	1485	1487	rVB4	2076	3744	0.34%	0.037%
24	12.608	1531	1535	1539	rVB3	3739	5727	0.52%	0.057%
25	12.714	1549	1553	1555	rBV2	2847	3612	0.33%	0.036%
26	13.219	1638	1639	1645	rVV4	2699	4410	0.40%	0.044%
27	13.296	1649	1652	1658	rVB4	2611	5188	0.47%	0.051%
28	13.454	1673	1679	1684	rBV4	1586	4569	0.42%	0.045%
29	14.265	1813	1817	1821	rVV3	2793	4022	0.37%	0.040%
30	14.335	1821	1829	1833	rVV	188178	289026	26.34%	2.867%
31	14.382	1833	1837	1846	rVV	53222	76909	7.01%	0.763%
32	14.512	1851	1859	1861	rVB3	2378	4994	0.46%	0.050%
33	14.641	1873	1881	1893	rBV	190116	308607	28.12%	3.061%
34	14.800	1903	1908	1913	rVB3	4532	6707	0.61%	0.067%

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35	14.947	1923	1933	1941	rBV2	351407	588946	53.67%	5.842%
36	15.005	1941	1943	1948	rVB2	5391	7559	0.69%	0.075%
37	15.152	1962	1968	1979	rBV3	43337	111039	10.12%	1.101%
38	15.346	1994	2001	2006	rVB6	13480	25226	2.30%	0.250%
39	15.411	2009	2012	2015	rVB4	3108	3652	0.33%	0.036%
40	15.616	2042	2047	2049	rBV5	2751	3360	0.31%	0.033%
41	15.746	2057	2069	2074	rBV5	10008	23184	2.11%	0.230%
42	15.934	2092	2101	2108	rBV	272566	419682	38.25%	4.163%
43	16.057	2115	2122	2128	rBV2	73498	116797	10.64%	1.159%
44	16.151	2135	2138	2141	rVB3	4059	4225	0.39%	0.042%
45	16.251	2148	2155	2157	rBV6	2742	4470	0.41%	0.044%
46	16.415	2180	2183	2188	rBV4	2234	3893	0.35%	0.039%
47	16.609	2208	2216	2223	rBV4	10726	23366	2.13%	0.232%
48	16.891	2261	2264	2267	rBV2	3312	4223	0.38%	0.042%
49	16.956	2269	2275	2278	rBV5	4041	7826	0.71%	0.078%
50	16.985	2279	2280	2287	rVV6	3456	5321	0.48%	0.053%
51	17.050	2287	2291	2299	rVB7	3823	10443	0.95%	0.104%
52	17.109	2299	2301	2305	rBV4	2166	3985	0.36%	0.040%
53	17.209	2313	2318	2322	rBV5	3860	7453	0.68%	0.074%
54	17.338	2335	2340	2347	rBV6	6454	17072	1.56%	0.169%
55	17.402	2347	2351	2355	rVV4	8200	10521	0.96%	0.104%
56	17.514	2367	2370	2375	rVB5	5322	7935	0.72%	0.079%
57	17.696	2394	2401	2405	rBV	489045	772076	70.36%	7.658%
58	17.737	2406	2408	2412	rVV	93428	113535	10.35%	1.126%
59	17.796	2412	2418	2427	rVB	297630	495828	45.18%	4.918%
60	17.867	2428	2430	2437	rVB4	8036	14261	1.30%	0.141%
61	17.931	2437	2441	2446	rBV5	4659	10198	0.93%	0.101%
62	18.014	2451	2455	2459	rVB4	3686	5486	0.50%	0.054%
63	18.096	2463	2469	2473	rBV5	7675	15402	1.40%	0.153%
64	18.137	2474	2476	2484	rVB7	5172	9326	0.85%	0.093%
65	18.207	2484	2488	2492	rBV4	3753	4679	0.43%	0.046%
66	18.278	2496	2500	2504	rBV4	5028	9298	0.85%	0.092%
67	18.313	2504	2506	2510	rBV3	4076	4568	0.42%	0.045%
68	18.425	2523	2525	2531	rVB7	4132	5804	0.53%	0.058%
69	18.542	2539	2545	2553	rBV6	37906	94924	8.65%	0.942%
70	18.613	2553	2557	2563	rVB3	27163	40676	3.71%	0.403%
71	18.689	2567	2570	2576	rVB5	8808	12912	1.18%	0.128%

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72	18.760	2576	2582	2596	rVB7	20939	69379	6.32%	0.688%
73	18.871	2597	2601	2602	rBV3	3792	4128	0.38%	0.041%
74	18.918	2606	2609	2611	rBV4	4538	6227	0.57%	0.062%
75	19.053	2627	2632	2636	rBV	17383	31070	2.83%	0.308%
76	19.106	2637	2641	2647	rVB9	12176	18259	1.66%	0.181%
77	19.294	2670	2673	2677	rVB6	6598	9343	0.85%	0.093%
78	19.341	2679	2681	2685	rBV5	7061	9762	0.89%	0.097%
79	19.388	2685	2689	2695	rBV7	6446	13235	1.21%	0.131%
80	19.465	2695	2702	2707	rBV5	16511	37702	3.44%	0.374%
81	19.600	2723	2725	2734	rVB10	7666	14624	1.33%	0.145%
82	19.735	2741	2748	2754	rVB	154097	223280	20.35%	2.215%
83	19.800	2754	2759	2768	rVB7	21931	51992	4.74%	0.516%
84	20.070	2798	2805	2816	rBV2	432280	867665	79.07%	8.606%
85	20.158	2817	2820	2826	rVB6	16737	18445	1.68%	0.183%
86	20.276	2836	2840	2844	rVB5	13407	18059	1.65%	0.179%
87	20.411	2858	2863	2864	rBV5	13702	18886	1.72%	0.187%
88	20.552	2881	2887	2888	rBV5	13859	24174	2.20%	0.240%
89	20.575	2889	2891	2898	rVB4	21133	33681	3.07%	0.334%
90	20.669	2906	2907	2912	rBV5	9206	13344	1.22%	0.132%
91	20.887	2941	2944	2948	rBV6	11372	20017	1.82%	0.199%
92	20.934	2948	2952	2960	rVB10	18166	35196	3.21%	0.349%
93	21.380	3025	3028	3035	rVB5	16246	24434	2.23%	0.242%
94	22.021	3128	3137	3143	rBV	536152	1097341	100.00%	10.884%
95	24.418	3538	3545	3562	rVB4	48102	210342	19.17%	2.086%
96	25.187	3673	3676	3683	rBV4	14080	32315	2.94%	0.321%
97	25.287	3683	3693	3701	rBV2	191118	568406	51.80%	5.638%
98	25.528	3719	3734	3746	rBV3	265699	905100	82.48%	8.978%
99	26.680	3925	3930	3939	rVB4	27514	80731	7.36%	0.801%
100	28.160	4175	4182	4194	rVB6	32788	124664	11.36%	1.237%

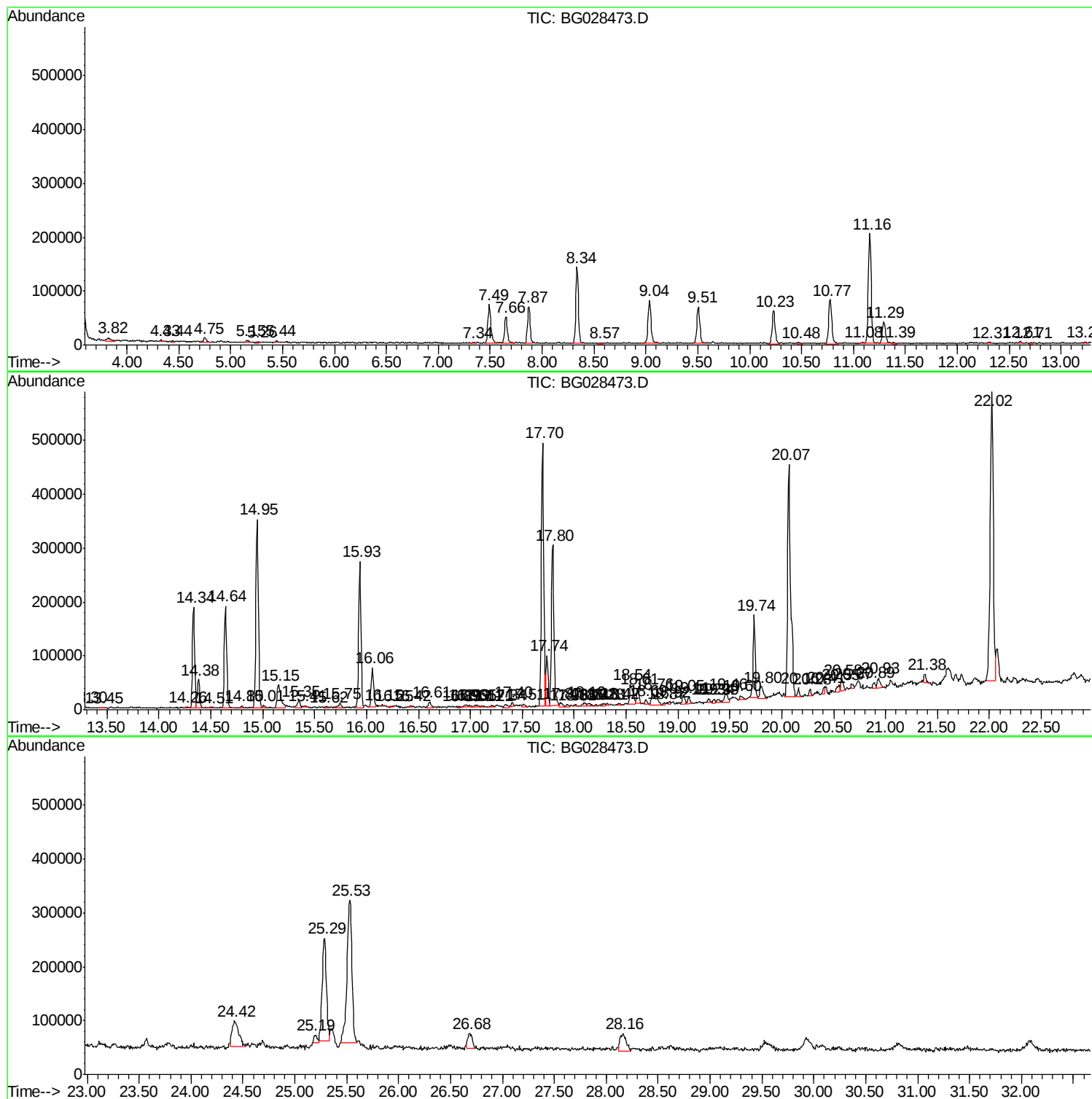
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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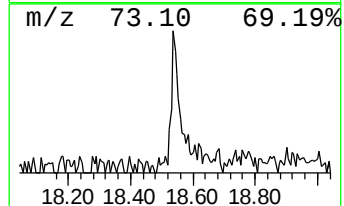
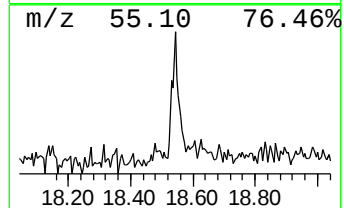
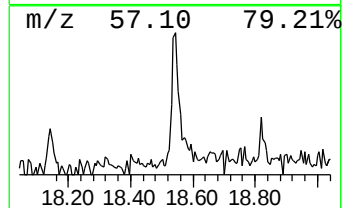
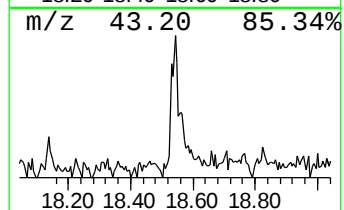
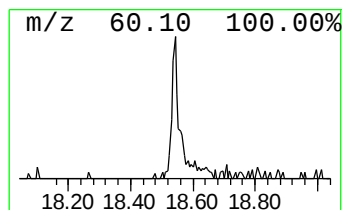
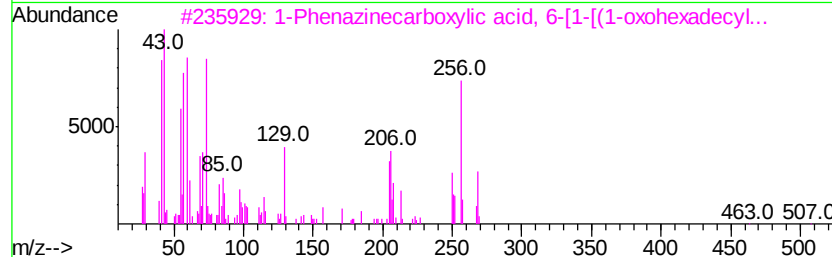
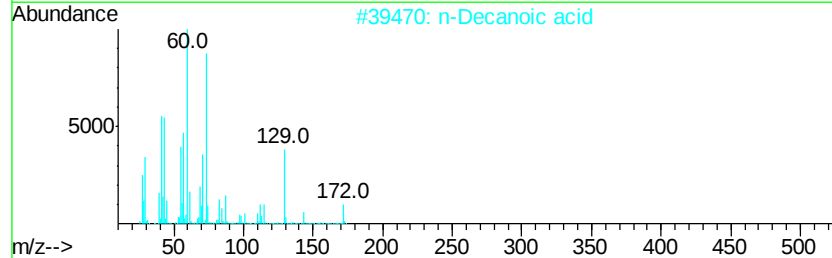
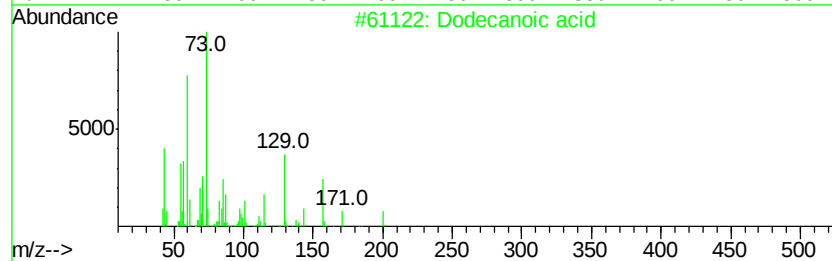
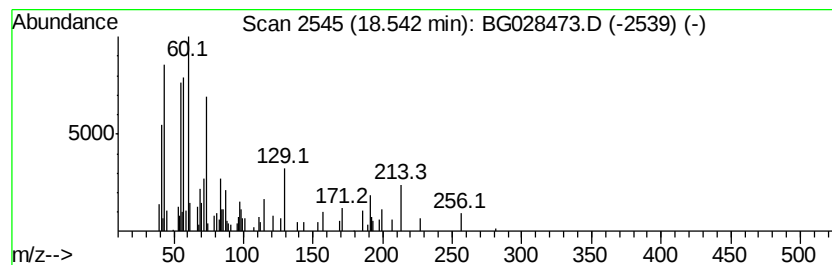
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.46 ng/ul	94924	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid		200	C12H24O2	000143-07-7	50
2	n-Decanoic acid		172	C10H20O2	000334-48-5	43
3	1-Phenazinecarboxylic acid, 6-[1...		506	C31H42N2O4	120464-92-8	43
4	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	43
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	42



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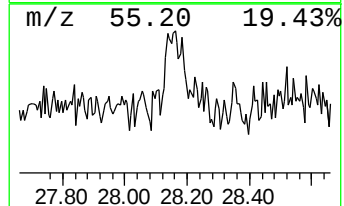
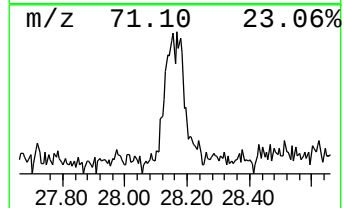
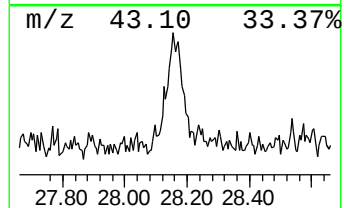
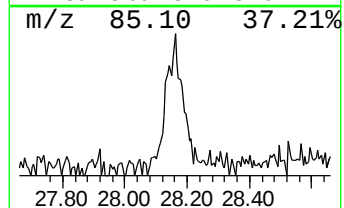
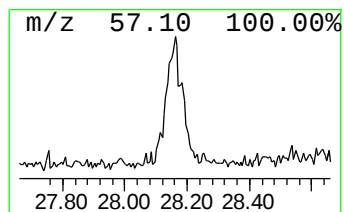
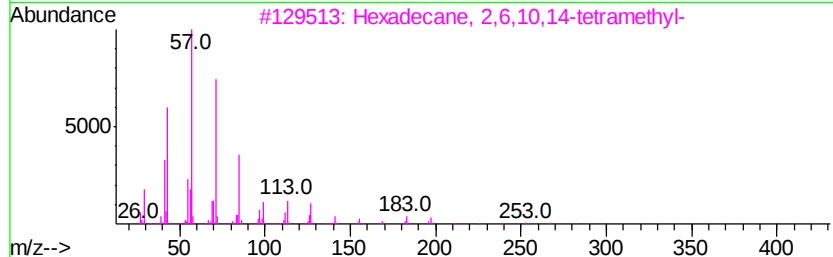
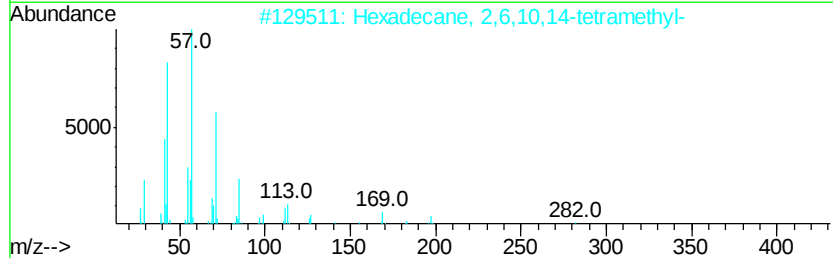
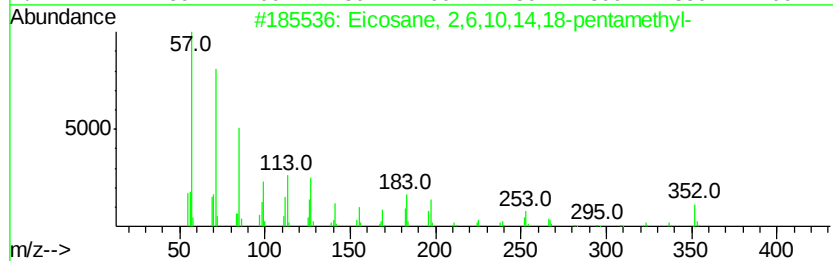
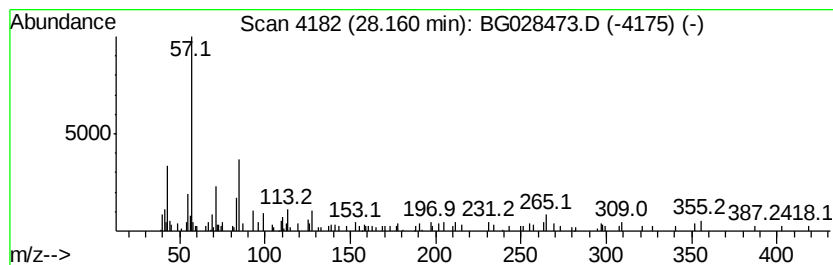
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	2.75 ng/ul	124664	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 2,6,10,14,18-pentamethyl-	352	C25H52	051794-16-2	38
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	35
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	35
4		Hexadecane	226	C16H34	000544-76-3	35
5		Eicosane	282	C20H42	000112-95-8	25



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	18.54	2.5	ng/ul	94924	4	17.70	772076	20.0
(DEL) Alkane: Str...	28.16	2.8	ng/ul	124664	6	25.53	905100	20.0