

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028415.D
 Acq On : 22 Aug 2017 12:38
 Operator : SJ/JU
 Sample : I4713-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB7

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	3.754	26	28	33	rVB5	2461	3327	0.21%	0.021%
2	3.819	36	39	47	rVB4	7494	13616	0.85%	0.087%
3	4.095	81	86	92	rBV2	4652	9219	0.57%	0.059%
4	4.218	103	107	112	rBV3	2674	5733	0.36%	0.037%
5	5.676	354	355	360	rBV3	2206	2828	0.18%	0.018%
6	6.375	462	474	475	rBV4	1851	4761	0.30%	0.031%
7	7.039	584	587	592	rVB4	1912	2806	0.17%	0.018%
8	7.321	630	635	640	rBV4	2566	3897	0.24%	0.025%
9	7.491	657	664	677	rVB	146289	290363	18.08%	1.865%
10	7.656	686	692	702	rBV	100217	174020	10.83%	1.117%
11	7.873	721	729	739	rBV	131870	242896	15.12%	1.560%
12	8.126	764	772	773	rBV3	1445	2992	0.19%	0.019%
13	8.343	802	809	818	rVB2	121458	221539	13.79%	1.423%
14	9.036	919	927	940	rVV	208950	387952	24.15%	2.491%
15	9.506	996	1007	1018	rBV	153904	295075	18.37%	1.895%
16	9.600	1019	1023	1029	rVB5	4123	6044	0.38%	0.039%
17	10.047	1097	1099	1106	rVB2	2195	3480	0.22%	0.022%
18	10.141	1109	1115	1117	rBV2	2434	3602	0.22%	0.023%
19	10.235	1120	1131	1140	rBV2	139877	276608	17.22%	1.776%
20	10.658	1196	1203	1206	rBV5	1978	2850	0.18%	0.018%
21	10.775	1215	1223	1242	rBV	226360	432941	26.95%	2.780%
22	10.928	1245	1249	1253	rBV2	1825	3493	0.22%	0.022%
23	10.958	1253	1254	1261	rVB3	1625	3402	0.21%	0.022%
24	11.163	1279	1289	1298	rBV	195635	371668	23.14%	2.387%
25	11.292	1302	1311	1324	rBV	196712	394528	24.56%	2.533%
26	11.680	1374	1377	1385	rVB3	2123	5383	0.34%	0.035%
27	11.798	1389	1397	1398	rVB4	1830	4606	0.29%	0.030%
28	12.039	1430	1438	1446	rVB3	2297	5397	0.34%	0.035%
29	12.127	1446	1453	1458	rBV6	2343	5380	0.33%	0.035%
30	12.726	1549	1555	1560	rBV4	3170	6248	0.39%	0.040%
31	13.155	1623	1628	1631	rBV3	2049	3602	0.22%	0.023%
32	13.302	1648	1653	1659	rVB5	3141	5601	0.35%	0.036%
33	13.461	1677	1680	1684	rVB2	2475	3753	0.23%	0.024%
34	13.502	1684	1687	1689	rBV2	1844	2775	0.17%	0.018%

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35	13.549	1689	1695	1699	rVB4	3666	7514	0.47%	0.048%
36	13.643	1708	1711	1714	rVB2	2312	2933	0.18%	0.019%
37	13.731	1723	1726	1734	rBV5	4492	9416	0.59%	0.060%
38	13.813	1736	1740	1747	rBV5	1865	4829	0.30%	0.031%
39	14.224	1806	1810	1815	rBV2	2020	3137	0.20%	0.020%
40	14.342	1820	1830	1834	rBV	553383	837664	52.15%	5.379%
41	14.389	1834	1838	1846	rVB	167812	248968	15.50%	1.599%
42	14.647	1870	1882	1892	rVB	542404	889915	55.41%	5.715%
43	14.806	1905	1909	1913	rBV3	5959	7871	0.49%	0.051%
44	14.888	1918	1923	1927	rBV5	11856	17810	1.11%	0.114%
45	14.953	1927	1934	1946	rVB2	336720	575313	35.82%	3.694%
46	15.147	1959	1967	1984	rBV2	171690	382614	23.82%	2.457%
47	15.411	2010	2012	2016	rVB4	2666	2980	0.19%	0.019%
48	15.488	2022	2025	2032	rVB7	1971	4237	0.26%	0.027%
49	15.711	2056	2063	2065	rVV3	6504	10351	0.64%	0.066%
50	15.752	2065	2070	2074	rVB4	12600	18542	1.15%	0.119%
51	15.875	2087	2091	2095	rVB3	2032	3852	0.24%	0.025%
52	15.940	2095	2102	2114	rBV	793071	1237445	77.04%	7.946%
53	16.057	2114	2122	2130	rBV	262101	442000	27.52%	2.838%
54	16.181	2133	2143	2153	rVV8	9921	27982	1.74%	0.180%
55	16.257	2153	2156	2159	rVB4	2814	3161	0.20%	0.020%
56	16.310	2160	2165	2170	rVB5	2806	4361	0.27%	0.028%
57	16.363	2170	2174	2179	rBV6	2291	4532	0.28%	0.029%
58	16.504	2193	2198	2203	rBV5	2632	5405	0.34%	0.035%
59	16.557	2205	2207	2211	rBV3	2211	2786	0.17%	0.018%
60	16.610	2211	2216	2228	rVV2	18295	37689	2.35%	0.242%
61	16.721	2232	2235	2237	rVB3	3193	3123	0.19%	0.020%
62	16.786	2242	2246	2254	rBV7	3667	8737	0.54%	0.056%
63	16.886	2258	2263	2266	rVB6	3136	5713	0.36%	0.037%
64	16.951	2271	2274	2276	rBV4	3801	2592	0.16%	0.017%
65	17.068	2290	2294	2299	rBV4	3213	5732	0.36%	0.037%
66	17.127	2301	2304	2307	rBV4	2218	2897	0.18%	0.019%
67	17.403	2346	2351	2355	rBV3	14076	16833	1.05%	0.108%
68	17.450	2356	2359	2364	rBV5	3846	6296	0.39%	0.040%
69	17.567	2372	2379	2381	rBV4	4091	7892	0.49%	0.051%
70	17.620	2386	2388	2391	rVB2	4004	4137	0.26%	0.027%
71	17.703	2391	2402	2410	rBV	460464	753281	46.90%	4.837%

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72	17.797	2412	2418	2428	rVV	878642	1382241	86.06%	8.876%
73	17.873	2428	2431	2440	rVV5	3600	9206	0.57%	0.059%
74	17.955	2440	2445	2450	rVB6	4214	8665	0.54%	0.056%
75	18.049	2457	2461	2463	rBV4	2857	4113	0.26%	0.026%
76	18.143	2474	2477	2483	rBV3	9397	12030	0.75%	0.077%
77	18.255	2491	2496	2498	rBV4	2328	2701	0.17%	0.017%
78	18.320	2504	2507	2515	rVB5	5719	10539	0.66%	0.068%
79	18.402	2515	2521	2523	rBV4	3102	5492	0.34%	0.035%
80	18.443	2523	2528	2531	rBV4	4071	8309	0.52%	0.053%
81	18.549	2538	2546	2555	rBV4	40035	76697	4.78%	0.493%
82	18.625	2557	2559	2565	rVB5	6611	8604	0.54%	0.055%
83	18.725	2575	2576	2579	rBV3	3513	2826	0.18%	0.018%
84	18.831	2588	2594	2598	rVB7	6331	11523	0.72%	0.074%
85	18.872	2598	2601	2604	rBV3	5584	5440	0.34%	0.035%
86	18.960	2614	2616	2624	rVB5	3211	5147	0.32%	0.033%
87	19.453	2695	2700	2702	rBV5	8684	11389	0.71%	0.073%
88	19.477	2702	2704	2710	rVB6	10140	12800	0.80%	0.082%
89	19.548	2715	2716	2721	rBV4	3455	5222	0.33%	0.034%
90	19.712	2739	2744	2747	rBV2	12184	20190	1.26%	0.130%
91	19.806	2755	2760	2768	rBV7	20770	40716	2.53%	0.261%
92	19.965	2782	2787	2791	rVB6	7901	15980	0.99%	0.103%
93	20.076	2798	2806	2816	rBV	1088942	1606164	100.00%	10.314%
94	21.175	2991	2993	2998	rBV6	6936	7783	0.48%	0.050%
95	22.027	3131	3138	3150	rBV	477195	863556	53.77%	5.545%
96	22.826	3271	3274	3280	rBV6	15946	21584	1.34%	0.139%
97	24.442	3542	3549	3559	rBV5	29152	75320	4.69%	0.484%
98	25.288	3681	3693	3709	rVB2	505945	1553656	96.73%	9.977%
99	25.529	3719	3734	3749	rVB	254667	860581	53.58%	5.526%
100	26.692	3926	3932	3943	rVB5	34891	111152	6.92%	0.714%

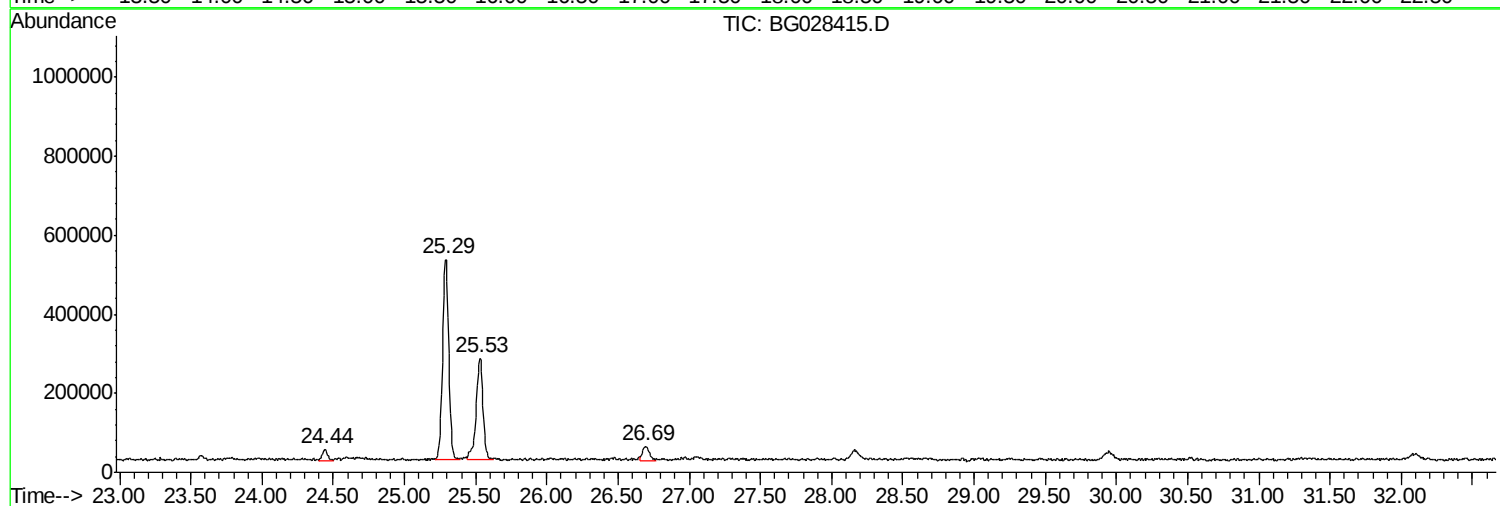
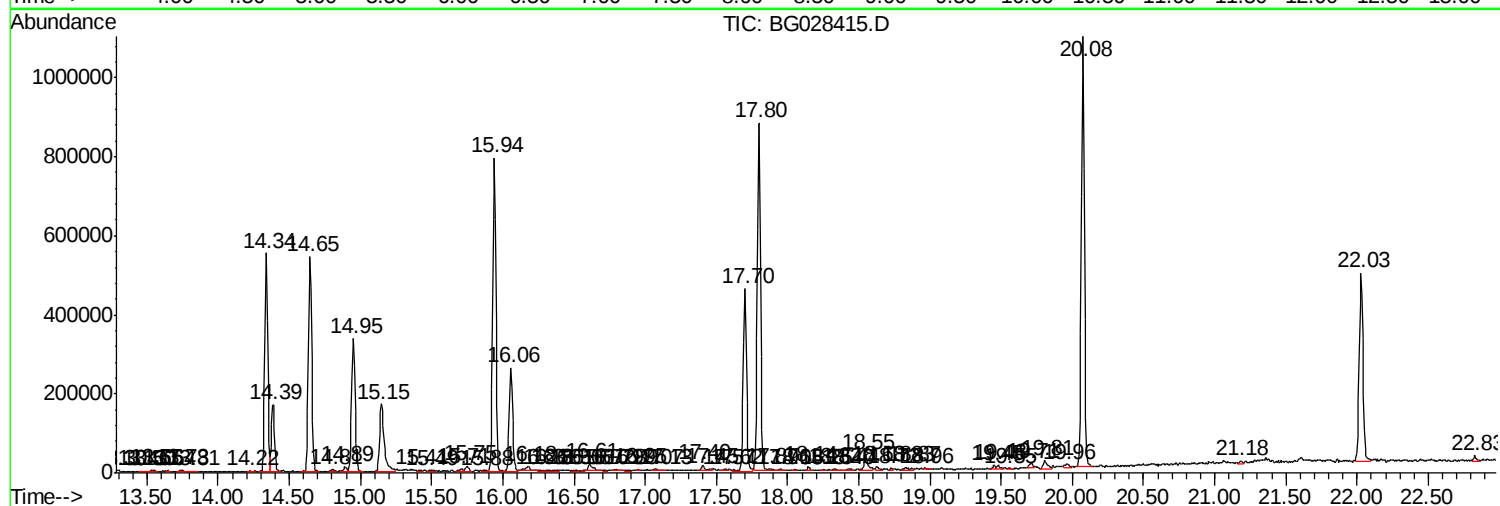
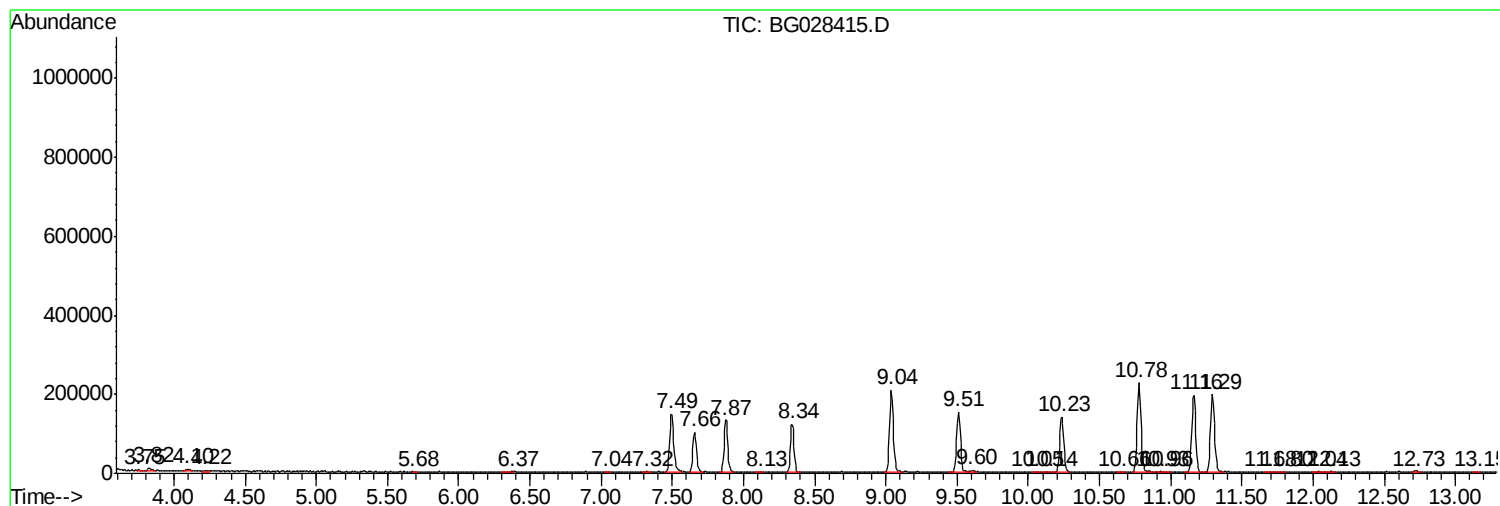
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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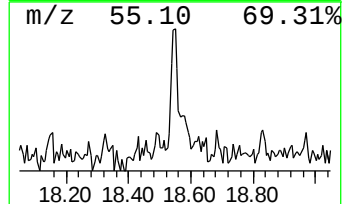
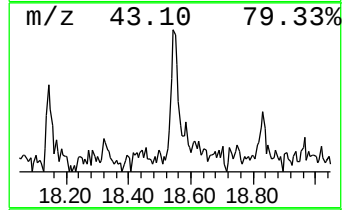
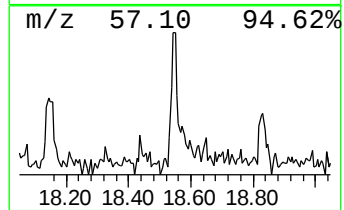
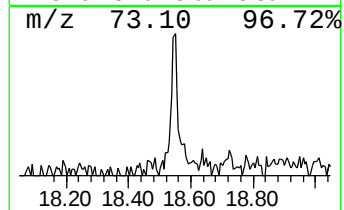
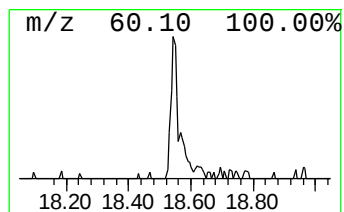
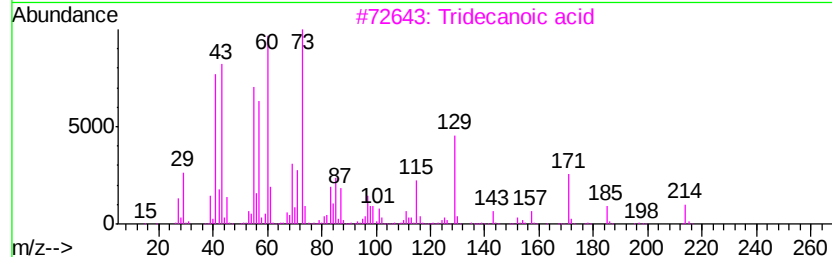
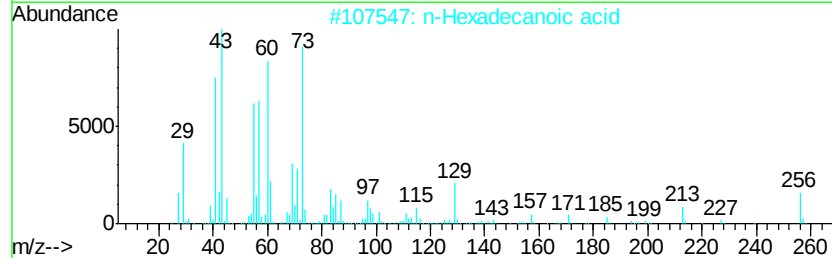
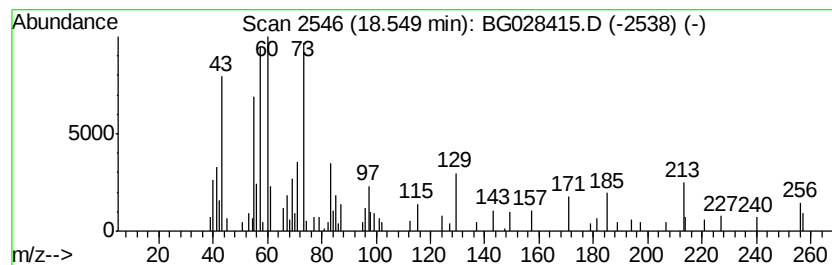
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.55	2.04 ng/ul	76697	Phenanthrene-d10	17.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55



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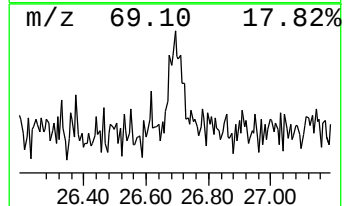
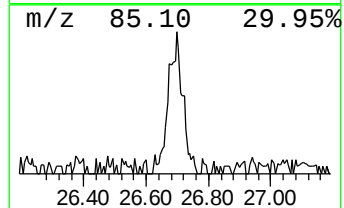
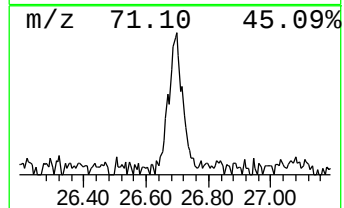
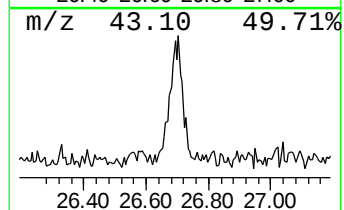
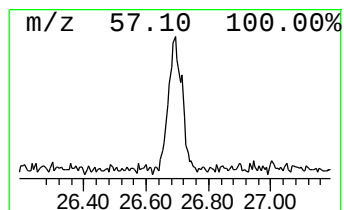
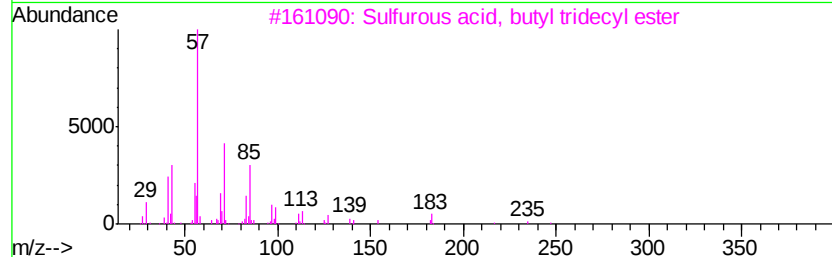
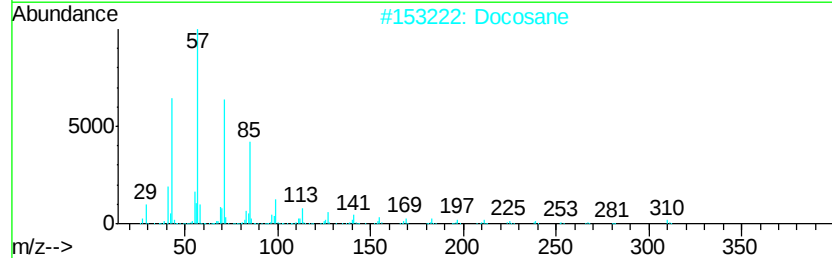
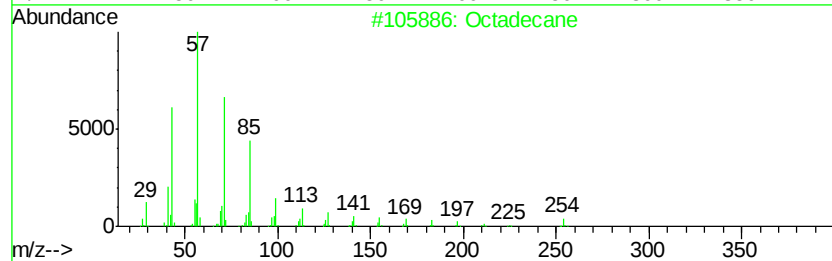
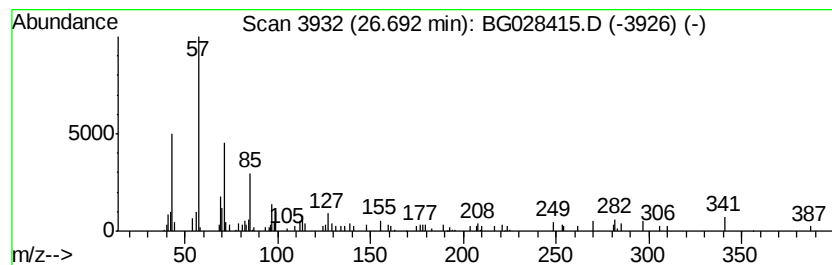
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	2.58 ng/ul	111152	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	83
2		Docosane	310	C22H46	000629-97-0	70
3		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
4		Octadecane	254	C18H38	000593-45-3	60
5		Pentadecane	212	C15H32	000629-62-9	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.55	2.0	ng/ul	76697	4	17.70	753281	20.0
(DEL) Alkane: Str...	26.69	2.6	ng/ul	111152	6	25.53	860581	20.0