

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033116\
 Data File : BG021593.D
 Acq On : 31 Mar 2016 11:53
 Operator : UM/SJ
 Sample : H1935-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA0

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	3.087	37	42	46	rVB3	3239	4744	0.74%	0.158%
2	3.310	78	80	84	rVB3	921	1119	0.17%	0.037%
3	3.640	132	136	139	rVB2	409	727	0.11%	0.024%
4	5.349	421	427	435	rBB	17352	28246	4.39%	0.944%
5	7.370	765	771	781	rBB3	13703	26620	4.14%	0.889%
6	7.635	810	816	823	rBB2	13948	22173	3.45%	0.741%
7	7.934	862	867	874	rBB	26759	43840	6.82%	1.465%
8	8.087	881	893	902	rBB	354181	643175	100.00%	21.489%
9	8.405	940	947	955	rBB	102556	174505	27.13%	5.830%
10	8.851	1019	1023	1031	rBB	9648	15608	2.43%	0.521%
11	9.227	1080	1087	1094	rBV	16282	29127	4.53%	0.973%
12	9.415	1116	1119	1127	rBB2	1000	2030	0.32%	0.068%
13	9.580	1144	1147	1150	rBB	747	775	0.12%	0.026%
14	9.944	1204	1209	1215	rBB2	14089	24033	3.74%	0.803%
15	10.573	1310	1316	1326	rBB2	19196	34230	5.32%	1.144%
16	10.719	1335	1341	1348	rBB	43624	73995	11.50%	2.472%
17	10.855	1358	1364	1372	rBB	45898	78189	12.16%	2.612%
18	11.248	1425	1431	1436	rBB2	7169	11881	1.85%	0.397%
19	12.870	1700	1707	1713	rBB3	11903	17738	2.76%	0.593%
20	13.475	1805	1810	1816	rBB2	19615	28227	4.39%	0.943%
21	13.692	1843	1847	1850	rBB	691	978	0.15%	0.033%
22	14.068	1906	1911	1916	rBV	53431	77700	12.08%	2.596%
23	14.121	1916	1920	1925	rVB	17971	25042	3.89%	0.837%
24	14.368	1956	1962	1969	rBB	55300	85984	13.37%	2.873%
25	14.539	1986	1991	1995	rBB	9680	11907	1.85%	0.398%
26	14.668	2007	2013	2020	rBB2	77774	121046	18.82%	4.044%
27	14.973	2062	2065	2066	rBV	1564	1512	0.24%	0.051%
28	15.032	2071	2075	2078	rVB	1531	1803	0.28%	0.060%
29	15.091	2082	2085	2088	rBB	1654	1768	0.27%	0.059%
30	15.144	2089	2094	2103	rBB3	3335	6523	1.01%	0.218%
31	15.220	2104	2107	2112	rBB	2016	2003	0.31%	0.067%
32	15.437	2140	2144	2147	rBV	2019	2991	0.47%	0.100%
33	15.484	2147	2152	2157	rVB	17493	22212	3.45%	0.742%
34	15.543	2157	2162	2167	rBV2	1495	2560	0.40%	0.086%

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35	15.596	2167	2171	2172	rVV	1008	936	0.15%	0.031%
36	15.661	2176	2182	2189	rBV	80028	120865	18.79%	4.038%
37	15.714	2189	2191	2195	rVB	693	730	0.11%	0.024%
38	15.790	2198	2204	2210	rBV2	18196	26683	4.15%	0.891%
39	15.884	2213	2220	2225	rVV3	4699	10676	1.66%	0.357%
40	15.931	2225	2228	2231	rVB2	1861	2160	0.34%	0.072%
41	15.984	2231	2237	2240	rBV	1974	2784	0.43%	0.093%
42	16.037	2242	2246	2251	rBV3	2381	4060	0.63%	0.136%
43	16.101	2254	2257	2261	rVB3	3548	3791	0.59%	0.127%
44	16.289	2288	2289	2293	rBV	1336	1428	0.22%	0.048%
45	16.342	2293	2298	2310	rVV	18475	32454	5.05%	1.084%
46	16.448	2313	2316	2317	rBV	1103	1000	0.16%	0.033%
47	16.683	2351	2356	2359	rBV3	2666	4505	0.70%	0.151%
48	16.748	2365	2367	2370	rVB2	1932	1786	0.28%	0.060%
49	16.801	2372	2376	2380	rVB	1920	2632	0.41%	0.088%
50	16.848	2380	2384	2389	rBV2	1930	3048	0.47%	0.102%
51	16.912	2391	2395	2399	rVV3	1715	2295	0.36%	0.077%
52	16.953	2399	2402	2404	rVV2	911	1176	0.18%	0.039%
53	16.971	2404	2405	2408	rVV2	956	756	0.12%	0.025%
54	17.130	2426	2432	2436	rBV	10710	13688	2.13%	0.457%
55	17.182	2436	2441	2445	rVV	2923	5172	0.80%	0.173%
56	17.412	2474	2480	2487	rBV2	110928	167992	26.12%	5.613%
57	17.511	2491	2497	2503	rBV	97887	145567	22.63%	4.863%
58	17.870	2554	2558	2562	rBB	4237	5204	0.81%	0.174%
59	18.281	2623	2628	2633	rBV2	6202	7879	1.23%	0.263%
60	18.557	2671	2675	2678	rVB2	1398	1472	0.23%	0.049%
61	19.186	2775	2782	2785	rVB2	530	893	0.14%	0.030%
62	19.398	2815	2818	2820	rBV	547	664	0.10%	0.022%
63	19.433	2820	2824	2826	rVV3	1067	1271	0.20%	0.042%
64	19.486	2830	2833	2836	rBV	596	683	0.11%	0.023%
65	19.544	2838	2843	2846	rBV2	3374	4286	0.67%	0.143%
66	19.680	2862	2866	2867	rBV3	891	1113	0.17%	0.037%
67	19.691	2867	2868	2873	rVB2	1136	906	0.14%	0.030%
68	19.791	2879	2885	2893	rBV	128321	183986	28.61%	6.147%
69	19.862	2895	2897	2900	rVB2	758	690	0.11%	0.023%
70	19.909	2902	2905	2906	rBV3	959	854	0.13%	0.029%
71	19.962	2912	2914	2916	rVB2	1015	712	0.11%	0.024%

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72	19.985	2916	2918	2919	rBV2	1054	774	0.12%	0.026%
73	20.038	2924	2927	2928	rVB3	1139	806	0.13%	0.027%
74	20.061	2928	2931	2932	rBV	796	810	0.13%	0.027%
75	20.114	2937	2940	2942	rBV	1169	1126	0.18%	0.038%
76	20.244	2961	2962	2964	rBV2	1066	871	0.14%	0.029%
77	20.267	2964	2966	2968	rVB3	1244	842	0.13%	0.028%
78	20.291	2968	2970	2972	rBV2	946	1207	0.19%	0.040%
79	20.320	2974	2975	2978	rBV2	799	707	0.11%	0.024%
80	20.408	2988	2990	2991	rBV2	853	721	0.11%	0.024%
81	20.484	3001	3003	3005	rBV3	729	846	0.13%	0.028%
82	20.549	3011	3014	3017	rBV4	1003	1154	0.18%	0.039%
83	20.631	3025	3028	3029	rBV3	1846	1594	0.25%	0.053%
84	20.772	3051	3052	3056	rBV3	1968	2177	0.34%	0.073%
85	20.896	3071	3073	3075	rBV2	2144	2214	0.34%	0.074%
86	20.960	3082	3084	3085	rBV	1398	802	0.12%	0.027%
87	21.254	3133	3134	3135	rBV	1494	684	0.11%	0.023%
88	21.284	3136	3139	3143	rBV4	6736	10377	1.61%	0.347%
89	21.524	3178	3180	3182	rVB2	2633	2199	0.34%	0.073%
90	21.665	3199	3204	3216	rVB	124382	202024	31.41%	6.750%
91	22.794	3393	3396	3401	rBV6	2593	4554	0.71%	0.152%
92	24.662	3705	3714	3726	rVB	61572	162076	25.20%	5.415%
93	24.885	3743	3752	3764	rVB2	67207	190747	29.66%	6.373%
94	25.913	3924	3927	3928	rBV3	3621	3800	0.59%	0.127%
95	26.195	3973	3975	3976	rBV2	1822	1215	0.19%	0.041%
96	29.562	4546	4548	4549	rBV2	1827	1322	0.21%	0.044%
97	30.108	4639	4641	4642	rBV	1739	1597	0.25%	0.053%
98	30.579	4719	4721	4724	rBV2	1598	2210	0.34%	0.074%
99	31.948	4952	4954	4957	rBV3	1842	1796	0.28%	0.060%

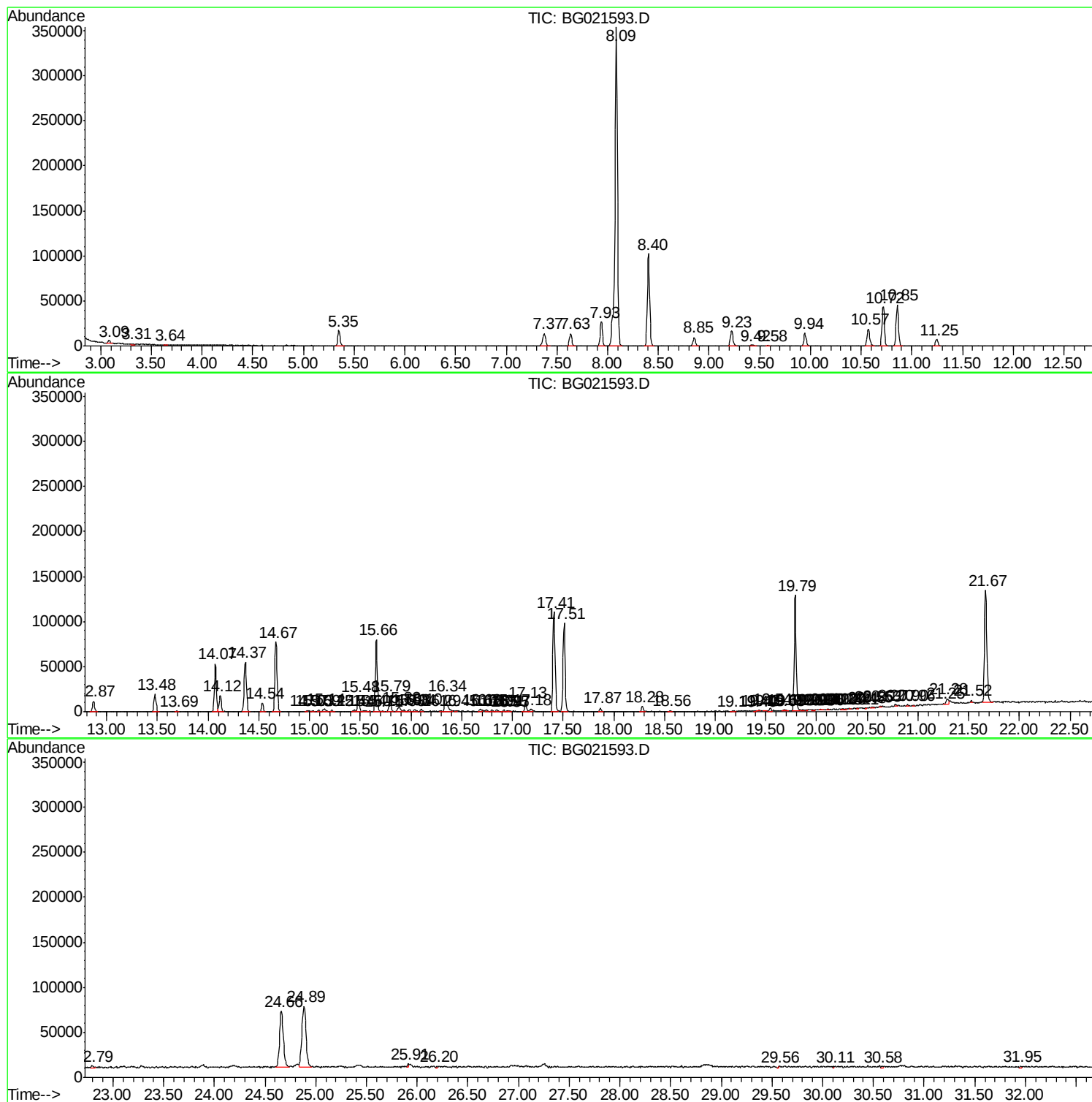
Sum of corrected areas: 2993060

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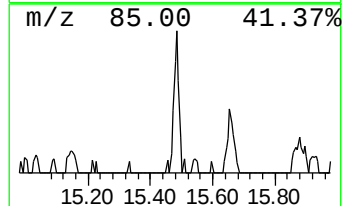
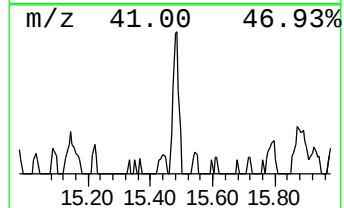
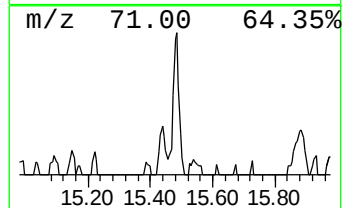
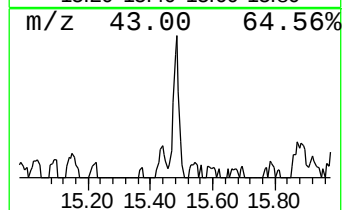
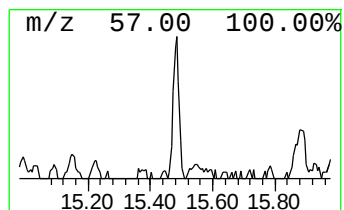
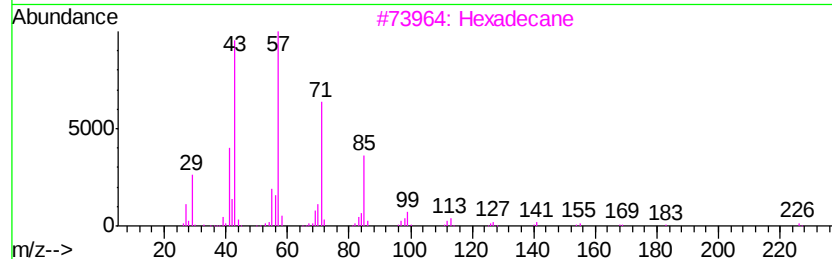
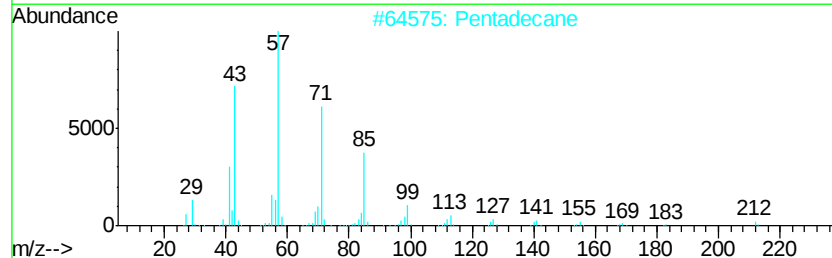
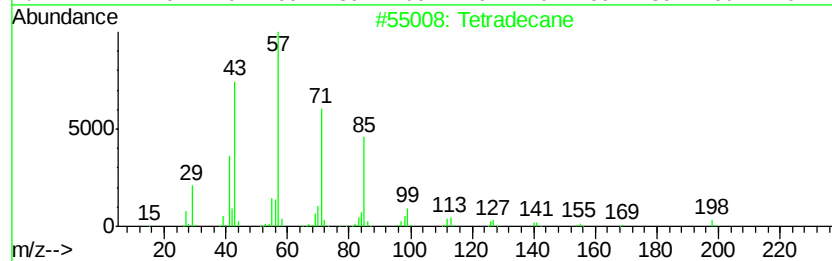
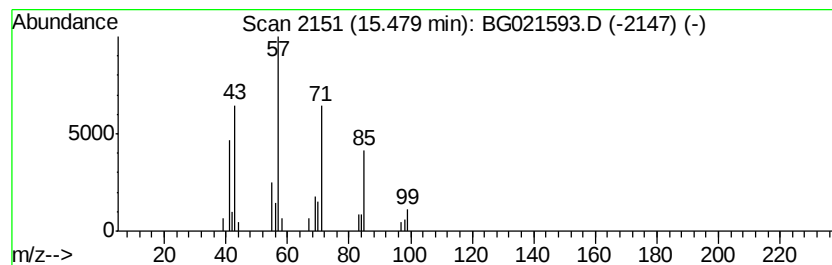
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	3.67 ng/ul	22212	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	78
2			Pentadecane	212	C15H32	000629-62-9	78
3			Hexadecane	226	C16H34	000544-76-3	78
4			Tetradecane	198	C14H30	000629-59-4	72
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



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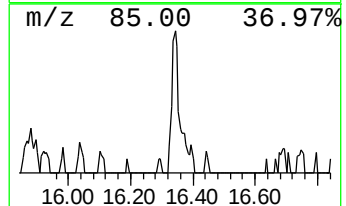
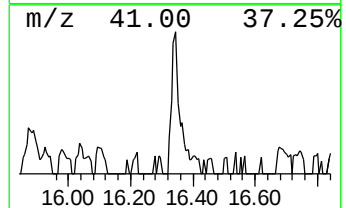
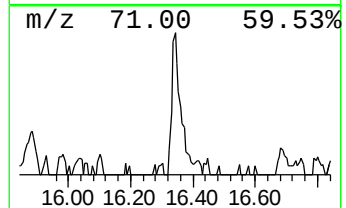
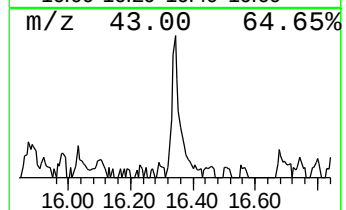
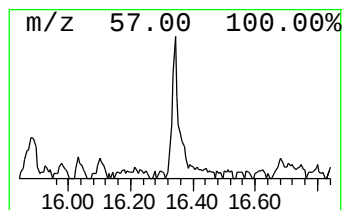
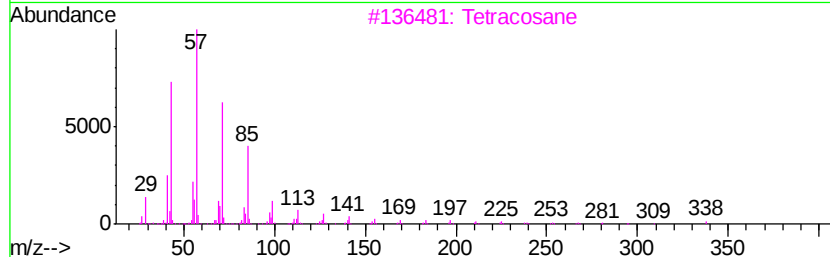
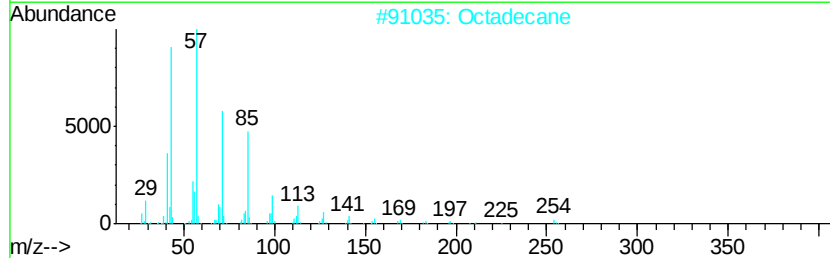
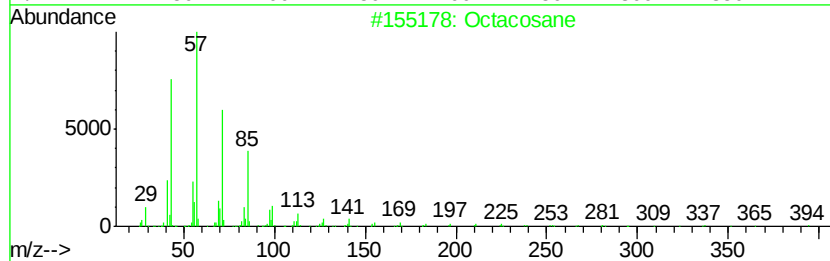
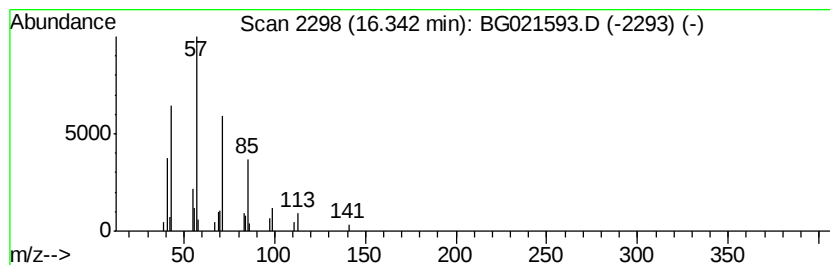
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.86 ng/ul	32454	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	86
2		Octadecane	254	C18H38	000593-45-3	86
3		Tetracosane	338	C24H50	000646-31-1	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Eicosane	282	C20H42	000112-95-8	80



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	15.48	3.7	ng/ul	22212	3	14.67	121046	20.0
(DEL) Alkane: Str...	16.34	3.9	ng/ul	32454	4	17.41	167992	20.0