

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
 Data File : BG020924.D
 Acq On : 17 Feb 2016 13:32
 Operator : SJ/UM
 Sample : H1477-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0311-S02-0312

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-BG020816.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	3.242	65	69	78	rVV	21598	36139	7.08%	0.681%
2	3.319	80	82	88	rVB	4512	5666	1.11%	0.107%
3	4.705	316	318	323	rBV3	551	960	0.19%	0.018%
4	7.402	771	777	786	rVB	44567	74818	14.65%	1.409%
5	7.572	800	806	814	rVB	42219	70205	13.75%	1.323%
6	7.789	835	843	851	rVB	48312	79999	15.66%	1.507%
7	8.259	917	923	930	rVB	49971	82825	16.22%	1.560%
8	8.958	1036	1042	1049	rVB	62961	105715	20.70%	1.992%
9	9.052	1056	1058	1061	rBV2	648	809	0.16%	0.015%
10	9.428	1114	1122	1128	rBV	46363	80743	15.81%	1.521%
11	9.481	1128	1131	1134	rVV2	2914	3042	0.60%	0.057%
12	10.157	1240	1246	1253	rBV	37631	65195	12.77%	1.228%
13	10.697	1331	1338	1347	rBV	68493	114945	22.51%	2.165%
14	11.085	1397	1404	1412	rBV	89932	158839	31.10%	2.992%
15	11.214	1420	1426	1433	rBV	62791	110608	21.66%	2.084%
16	12.647	1666	1670	1676	rBV2	1157	1858	0.36%	0.035%
17	12.941	1716	1720	1722	rBV	957	1251	0.24%	0.024%
18	13.241	1769	1771	1775	rVB	936	935	0.18%	0.018%
19	13.476	1809	1811	1815	rBV	1171	1291	0.25%	0.024%
20	13.758	1854	1859	1860	rBV	673	750	0.15%	0.014%
21	14.192	1930	1933	1937	rVB	682	955	0.19%	0.018%
22	14.269	1940	1946	1950	rBV	147871	213043	41.72%	4.013%
23	14.316	1950	1954	1961	rVB	54853	76538	14.99%	1.442%
24	14.568	1990	1997	2004	rBV	180054	278826	54.60%	5.253%
25	14.709	2016	2021	2024	rBV	3485	5036	0.99%	0.095%
26	14.745	2024	2027	2032	rVB3	2974	4041	0.79%	0.076%
27	14.874	2042	2049	2056	rBV2	158587	253653	49.67%	4.779%
28	14.938	2056	2060	2064	rVB	4094	5846	1.14%	0.110%
29	15.044	2072	2078	2088	rBV	56307	87951	17.22%	1.657%
30	15.191	2098	2103	2106	rBV2	594	1090	0.21%	0.021%
31	15.262	2113	2115	2120	rVB3	2306	2895	0.57%	0.055%
32	15.355	2129	2131	2134	rVB	1114	1134	0.22%	0.021%
33	15.637	2175	2179	2183	rBV2	1207	2159	0.42%	0.041%
34	15.690	2183	2188	2192	rVV	8504	11284	2.21%	0.213%

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35	15.743	2195	2197	2204	rVB2	911	1395	0.27%	0.026%
36	15.861	2210	2217	2223	rBV	243354	363096	71.10%	6.840%
37	15.914	2223	2226	2229	rVV	6343	8306	1.63%	0.156%
38	15.961	2229	2234	2244	rVB	44059	64069	12.55%	1.207%
39	16.096	2249	2257	2261	rBV4	4503	8538	1.67%	0.161%
40	16.131	2261	2263	2266	rVB	995	1156	0.23%	0.022%
41	16.196	2266	2274	2279	rBV4	2314	4418	0.87%	0.083%
42	16.243	2279	2282	2284	rVB4	1208	1128	0.22%	0.021%
43	16.307	2289	2293	2297	rBV2	1418	1626	0.32%	0.031%
44	16.348	2297	2300	2303	rBV2	1513	2182	0.43%	0.041%
45	16.548	2327	2334	2337	rBV	12280	17967	3.52%	0.338%
46	16.701	2358	2360	2363	rBV	855	1051	0.21%	0.020%
47	16.724	2363	2364	2368	rVB	1360	1325	0.26%	0.025%
48	16.900	2389	2394	2397	rBV3	1949	4258	0.83%	0.080%
49	16.947	2399	2402	2407	rVB3	1420	2317	0.45%	0.044%
50	16.994	2407	2410	2413	rBV	1222	1612	0.32%	0.030%
51	17.047	2417	2419	2424	rBB2	1237	1554	0.30%	0.029%
52	17.265	2450	2456	2459	rBV2	2169	3162	0.62%	0.060%
53	17.335	2463	2468	2472	rVV2	7523	10258	2.01%	0.193%
54	17.394	2472	2478	2480	rVV3	2119	3674	0.72%	0.069%
55	17.429	2480	2484	2488	rVB	3146	3508	0.69%	0.066%
56	17.611	2508	2515	2519	rBV2	194696	303703	59.47%	5.721%
57	17.652	2519	2522	2526	rVV	74995	103113	20.19%	1.943%
58	17.705	2526	2531	2545	rVB2	241129	393979	77.15%	7.422%
59	17.870	2555	2559	2563	rVB2	815	1123	0.22%	0.021%
60	17.958	2568	2574	2579	rVV3	11333	16076	3.15%	0.303%
61	18.005	2579	2582	2591	rVV2	4245	7064	1.38%	0.133%
62	18.069	2591	2593	2599	rVB	2407	3322	0.65%	0.063%
63	18.128	2599	2603	2606	rBV	924	1318	0.26%	0.025%
64	18.187	2611	2613	2619	rBB2	1056	1407	0.28%	0.027%
65	18.375	2641	2645	2647	rBV	531	849	0.17%	0.016%
66	18.481	2657	2663	2666	rBV2	7131	10668	2.09%	0.201%
67	18.528	2666	2671	2678	rVB2	8652	14730	2.88%	0.277%
68	18.610	2681	2685	2689	rVB3	3649	5286	1.04%	0.100%
69	18.675	2689	2696	2700	rBV2	9769	18823	3.69%	0.355%
70	18.757	2706	2710	2714	rBV2	1467	2110	0.41%	0.040%
71	18.886	2729	2732	2735	rBV3	2071	2127	0.42%	0.040%

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72	18.968	2741	2746	2749	rBV	4289	6131	1.20%	0.116%
73	19.009	2749	2753	2757	rVB2	2780	3812	0.75%	0.072%
74	19.203	2782	2786	2790	rBV2	1093	1286	0.25%	0.024%
75	19.256	2792	2795	2799	rVB2	1255	1478	0.29%	0.028%
76	19.309	2799	2804	2812	rBV2	27799	39026	7.64%	0.735%
77	19.374	2812	2815	2822	rVB3	3530	5038	0.99%	0.095%
78	19.444	2825	2827	2830	rVV2	1026	806	0.16%	0.015%
79	19.515	2835	2839	2844	rVB4	2250	4109	0.80%	0.077%
80	19.638	2852	2860	2867	rBV	84380	120071	23.51%	2.262%
81	19.703	2867	2871	2872	rVV2	736	909	0.18%	0.017%
82	19.726	2873	2875	2878	rVV2	1475	1687	0.33%	0.032%
83	19.779	2881	2884	2886	rBV2	848	1049	0.21%	0.020%
84	19.873	2895	2900	2907	rBV5	2839	6007	1.18%	0.113%
85	19.973	2911	2917	2929	rBV2	300266	510699	100.00%	9.621%
86	20.067	2929	2933	2937	rVB3	2668	3532	0.69%	0.067%
87	20.173	2948	2951	2956	rVB	3241	4010	0.79%	0.076%
88	20.237	2959	2962	2964	rVB2	1502	1280	0.25%	0.024%
89	20.331	2970	2978	2981	rBV5	3833	8297	1.62%	0.156%
90	20.443	2994	2997	3000	rBV3	4383	6809	1.33%	0.128%
91	20.484	3000	3004	3009	rVB2	9752	14751	2.89%	0.278%
92	20.584	3017	3021	3026	rBV	7017	9059	1.77%	0.171%
93	20.807	3051	3059	3060	rBV6	4509	9213	1.80%	0.174%
94	21.259	3132	3136	3141	rVB5	4463	7454	1.46%	0.140%
95	21.488	3171	3175	3181	rBV2	51017	74042	14.50%	1.395%
96	21.888	3234	3243	3248	rBV2	202811	379452	74.30%	7.148%
97	21.935	3248	3251	3260	rVB	23408	35941	7.04%	0.677%
98	24.179	3627	3633	3642	rBV4	12206	40789	7.99%	0.768%
99	25.025	3768	3777	3785	rBV	138874	365403	71.55%	6.884%
100	25.260	3806	3817	3826	rBV3	112415	312720	61.23%	5.891%

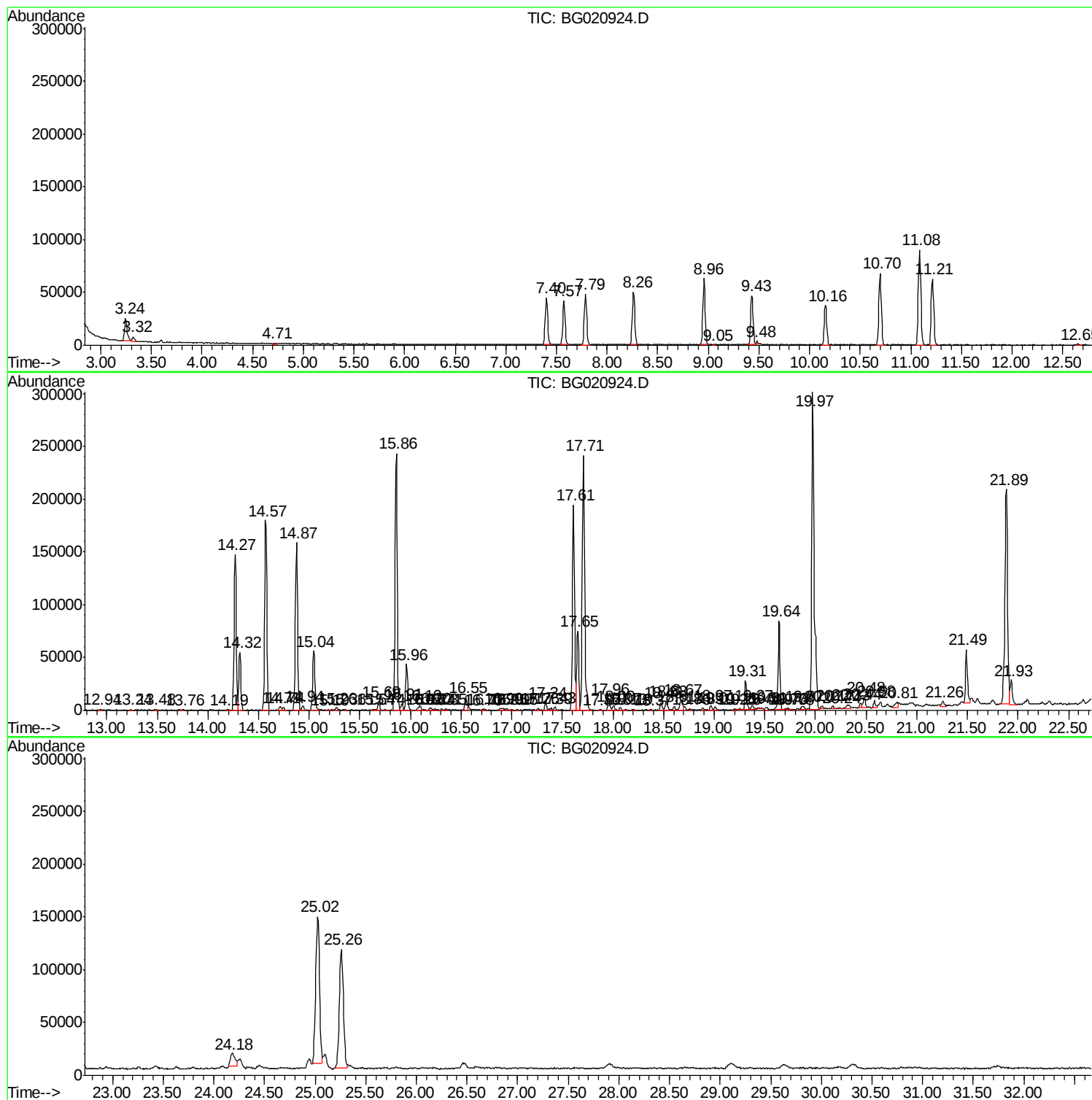
Sum of corrected areas: 5308202

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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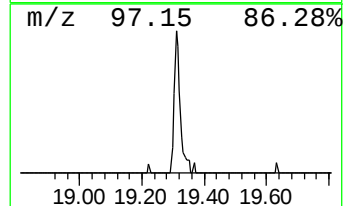
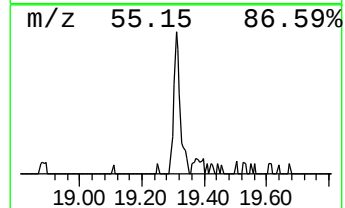
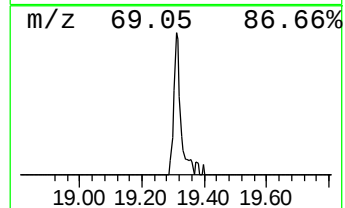
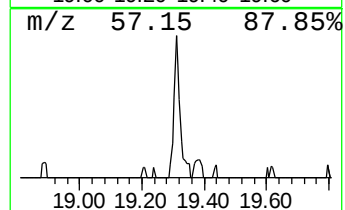
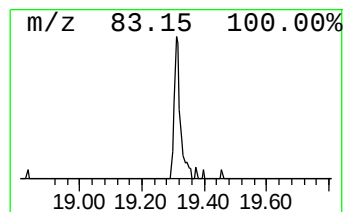
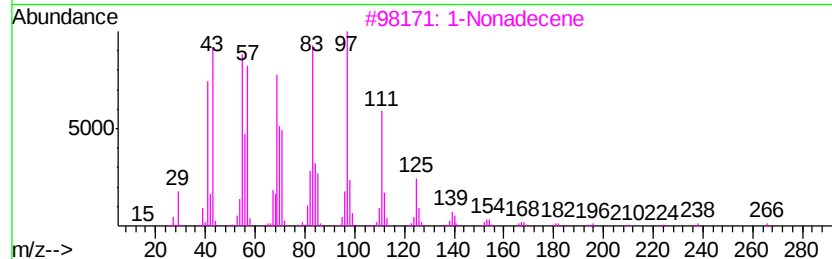
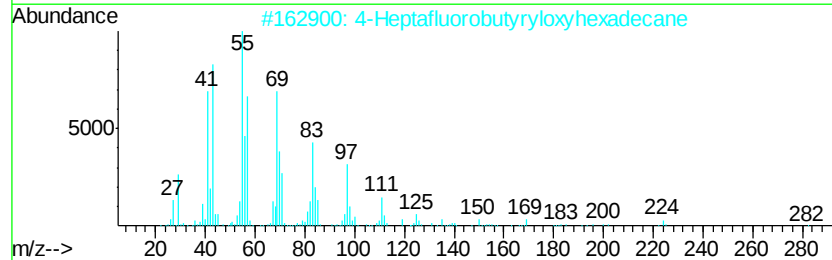
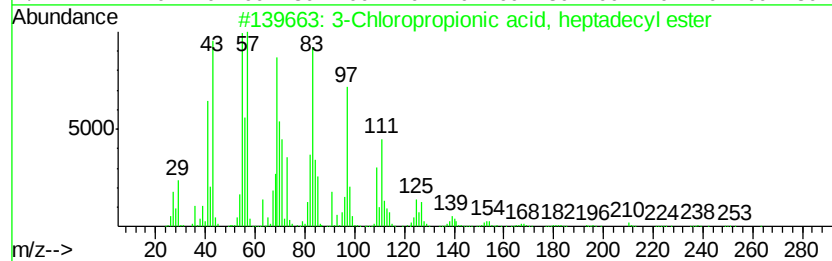
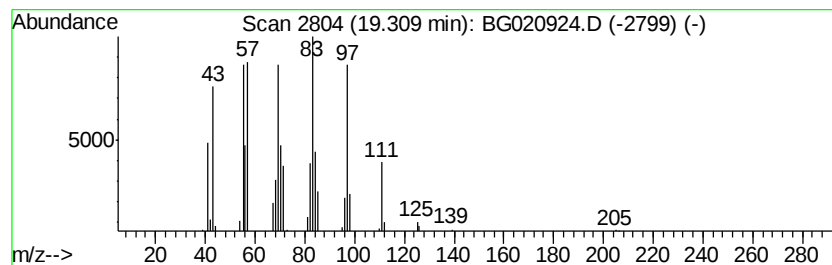
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 3-Chloropropionic acid, hep... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.57 ng/ul	39026	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
2		4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	86
3		1-Nonadecene	266	C19H38	018435-45-5	83
4		1-Heptadecanol	256	C17H36O	001454-85-9	81
5		1-Hexadecanol	242	C16H34O	036653-82-4	64



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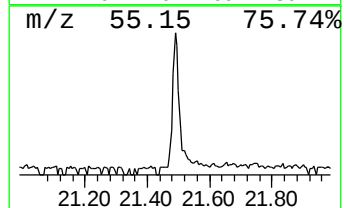
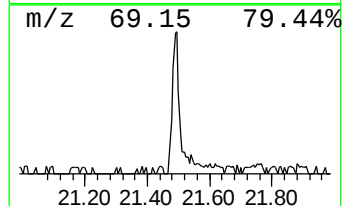
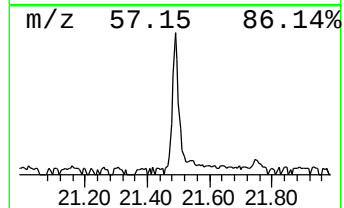
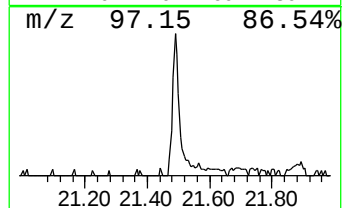
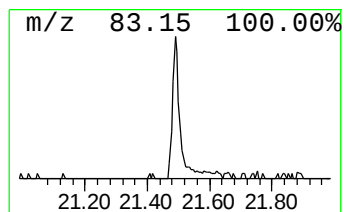
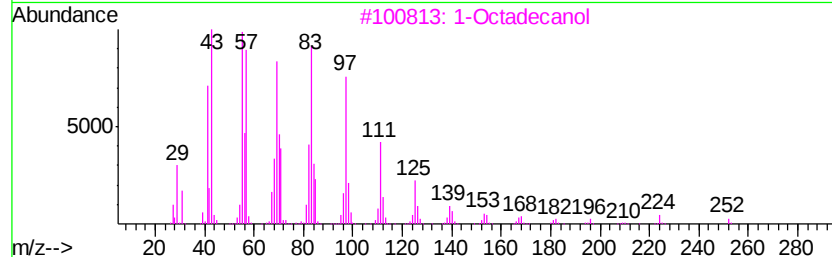
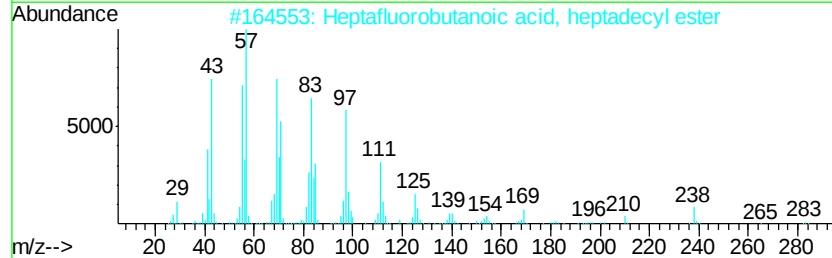
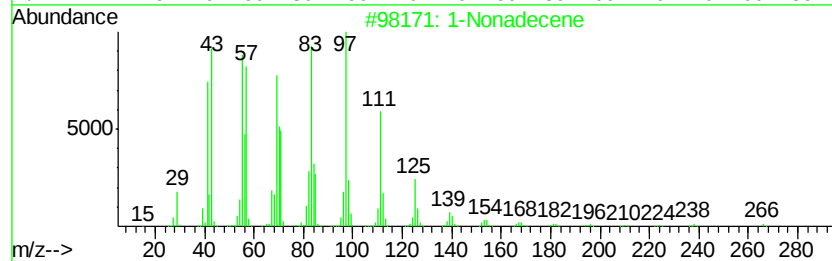
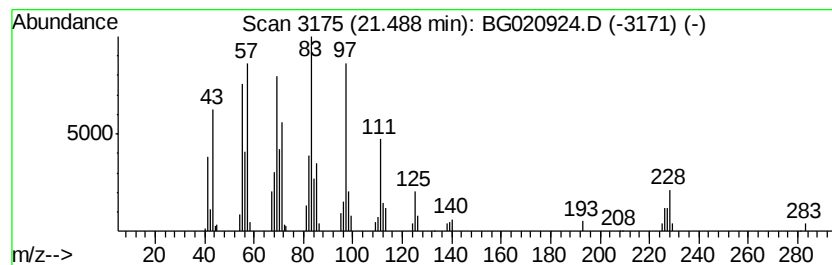
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Peak Number 3 (DEL) Alkane: Cyclic21.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.90 ng/ul	74042	Chrysene-d12	21.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene		266 C19H38	018435-45-5 93
2	Heptafluorobutanoic acid, heptad...		452 C21H35F7O2	1000282-97-3 91
3	1-Octadecanol		270 C18H38O	000112-92-5 91
4	Bromoacetic acid, octadecyl ester		390 C20H39BrO2	018992-03-5 91
5	1-Nonadecanol		284 C19H40O	001454-84-8 87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Chloropropionic...	19.31	2.6	ng/ul	39026	4	17.61	303703	20.0
(DEL) Alkane: Cyc...	21.49	3.9	ng/ul	74042	5	21.89	379452	20.0