

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020319.D
 Acq On : 19 Dec 2015 19:47
 Operator : UM/SJ
 Sample : G4866-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L3

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-BG121415.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	3.114	42	47	51	rBV	19126	32582	4.03%	0.421%
2	3.190	57	60	66	rVB	11110	14961	1.85%	0.193%
3	3.237	66	68	73	rVB3	1138	1295	0.16%	0.017%
4	3.461	103	106	111	rVB2	3278	4347	0.54%	0.056%
5	7.238	743	749	760	rBB	84692	142365	17.61%	1.838%
6	7.409	769	778	786	rBB	65455	102910	12.73%	1.329%
7	7.614	807	813	822	rBB	79688	134038	16.58%	1.730%
8	8.090	887	894	900	rBV	64801	107577	13.31%	1.389%
9	8.790	1006	1013	1020	rBV	103809	174754	21.62%	2.256%
10	9.254	1085	1092	1104	rBB	82836	144679	17.90%	1.868%
11	9.982	1209	1216	1224	rVB	74764	130481	16.14%	1.684%
12	10.523	1301	1308	1317	rBB	116691	205012	25.36%	2.647%
13	10.664	1328	1332	1336	rBV2	1692	2716	0.34%	0.035%
14	10.905	1366	1373	1381	rBV	105049	180515	22.33%	2.330%
15	11.034	1388	1395	1403	rBV	102417	187522	23.19%	2.421%
16	11.680	1501	1505	1514	rVB3	2511	4102	0.51%	0.053%
17	11.792	1519	1524	1529	rVB2	1742	2729	0.34%	0.035%
18	11.904	1538	1543	1549	rVB2	3232	6035	0.75%	0.078%
19	12.479	1638	1641	1647	rBB	1772	2465	0.30%	0.032%
20	12.855	1700	1705	1710	rBV3	2262	3698	0.46%	0.048%
21	13.049	1732	1738	1740	rBV3	1551	2099	0.26%	0.027%
22	13.079	1740	1743	1746	rVB	2015	2119	0.26%	0.027%
23	13.320	1781	1784	1788	rVB2	3498	3879	0.48%	0.050%
24	13.637	1834	1838	1843	rVB2	2194	3474	0.43%	0.045%
25	14.119	1914	1920	1925	rBV	241470	355321	43.95%	4.587%
26	14.166	1925	1928	1934	rVB	99262	127483	15.77%	1.646%
27	14.418	1964	1971	1980	rVB	258050	402680	49.81%	5.199%
28	14.571	1994	1997	1999	rBV	1298	1466	0.18%	0.019%
29	14.600	1999	2002	2004	rVB	1709	1683	0.21%	0.022%
30	14.636	2004	2008	2013	rBB2	1132	1835	0.23%	0.024%
31	14.724	2016	2023	2030	rVB2	188875	300810	37.21%	3.883%
32	14.788	2030	2034	2036	rBV2	1746	2234	0.28%	0.029%
33	14.906	2047	2054	2066	rBV	96332	154969	19.17%	2.001%
34	15.112	2085	2089	2094	rBV4	2834	4165	0.52%	0.054%

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35	15.505	2151	2156	2159	rBV2	1107	2037	0.25%	0.026%
36	15.546	2159	2163	2167	rVB	4849	5644	0.70%	0.073%
37	15.711	2183	2191	2198	rBV	359872	546891	67.65%	7.060%
38	15.770	2198	2201	2204	rVB	1609	2007	0.25%	0.026%
39	15.822	2204	2210	2216	rBV	91497	134398	16.62%	1.735%
40	15.952	2226	2232	2236	rBV2	5140	7732	0.96%	0.100%
41	16.105	2254	2258	2262	rBV2	1126	1468	0.18%	0.019%
42	16.181	2267	2271	2276	rVB2	4034	4862	0.60%	0.063%
43	16.410	2304	2310	2312	rBV2	6682	8826	1.09%	0.114%
44	16.533	2325	2331	2337	rBV	2157	3619	0.45%	0.047%
45	16.592	2337	2341	2346	rVV5	2899	3783	0.47%	0.049%
46	16.657	2346	2352	2356	rBV3	2314	3459	0.43%	0.045%
47	16.804	2374	2377	2380	rVV2	1011	1342	0.17%	0.017%
48	16.845	2380	2384	2392	rVB5	2717	5899	0.73%	0.076%
49	16.921	2393	2397	2401	rBV3	3009	4442	0.55%	0.057%
50	17.197	2440	2444	2448	rBV	4191	6221	0.77%	0.080%
51	17.244	2448	2452	2457	rVV2	1994	3802	0.47%	0.049%
52	17.285	2457	2459	2464	rVB2	858	1154	0.14%	0.015%
53	17.338	2464	2468	2475	rBV3	5214	7773	0.96%	0.100%
54	17.403	2475	2479	2483	rVV3	2521	3790	0.47%	0.049%
55	17.468	2483	2490	2494	rVV2	251224	384777	47.59%	4.967%
56	17.509	2494	2497	2501	rVV	27189	36720	4.54%	0.474%
57	17.567	2501	2507	2517	rVB	385830	599303	74.13%	7.737%
58	17.732	2532	2535	2538	rVB2	1283	1552	0.19%	0.020%
59	17.779	2538	2543	2545	rBV	1127	1291	0.16%	0.017%
60	17.867	2548	2558	2562	rVV5	2326	6316	0.78%	0.082%
61	17.932	2566	2569	2574	rBV2	1672	1957	0.24%	0.025%
62	18.055	2588	2590	2595	rBV	1186	1804	0.22%	0.023%
63	18.120	2595	2601	2604	rVB3	7057	9886	1.22%	0.128%
64	18.167	2604	2609	2611	rBV2	1311	1612	0.20%	0.021%
65	18.226	2613	2619	2623	rBV4	5824	10373	1.28%	0.134%
66	18.278	2625	2628	2632	rBV3	2452	3217	0.40%	0.042%
67	18.337	2632	2638	2644	rBV	35597	49133	6.08%	0.634%
68	18.537	2668	2672	2676	rVB	3320	4813	0.60%	0.062%
69	18.631	2684	2688	2694	rBV5	3131	5717	0.71%	0.074%
70	18.837	2720	2723	2726	rBV4	2907	4019	0.50%	0.052%
71	18.878	2728	2730	2733	rVB3	2277	2645	0.33%	0.034%

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72	18.936	2736	2740	2744	rBV2	3397	4195	0.52%	0.054%
73	19.072	2760	2763	2765	rBV2	1060	1426	0.18%	0.018%
74	19.101	2765	2768	2772	rVV3	2487	3676	0.45%	0.047%
75	19.189	2779	2783	2789	rBV2	6519	9309	1.15%	0.120%
76	19.248	2789	2793	2797	rVV3	3008	4775	0.59%	0.062%
77	19.371	2811	2814	2815	rBV2	1456	1385	0.17%	0.018%
78	19.407	2815	2820	2824	rVB7	2028	3764	0.47%	0.049%
79	19.512	2834	2838	2846	rVB	49433	69320	8.57%	0.895%
80	19.600	2850	2853	2863	rBV4	13215	18716	2.31%	0.242%
81	19.689	2865	2868	2872	rVV3	2271	3937	0.49%	0.051%
82	19.736	2872	2876	2883	rVV3	7819	13174	1.63%	0.170%
83	19.847	2889	2895	2905	rVB	535692	799590	98.90%	10.323%
84	20.112	2933	2940	2942	rBV6	4325	7534	0.93%	0.097%
85	20.188	2950	2953	2959	rVB6	7469	10875	1.35%	0.140%
86	20.358	2980	2982	2986	rVB3	4582	5366	0.66%	0.069%
87	20.429	2992	2994	2995	rBV2	2192	1334	0.17%	0.017%
88	20.464	2997	3000	3006	rVB3	4565	7452	0.92%	0.096%
89	20.740	3044	3047	3051	rVB4	7349	9473	1.17%	0.122%
90	20.958	3080	3084	3086	rBV3	7172	10510	1.30%	0.136%
91	21.005	3089	3092	3096	rVB	10278	12197	1.51%	0.157%
92	21.069	3101	3103	3108	rVB4	5967	7427	0.92%	0.096%
93	21.363	3149	3153	3159	rBV3	16959	29746	3.68%	0.384%
94	21.739	3210	3217	3223	rBV	331086	536207	66.32%	6.922%
95	24.219	3637	3639	3640	rBV2	2581	2306	0.29%	0.030%
96	24.694	3718	3720	3724	rBV5	3820	5743	0.71%	0.074%
97	24.783	3725	3735	3756	rVB	281415	808472	100.00%	10.437%
98	25.006	3763	3773	3786	rBV2	169489	494360	61.15%	6.382%
99	25.159	3797	3799	3801	rVB2	2472	1206	0.15%	0.016%
100	26.157	3963	3969	3978	rBV6	10501	29304	3.62%	0.378%

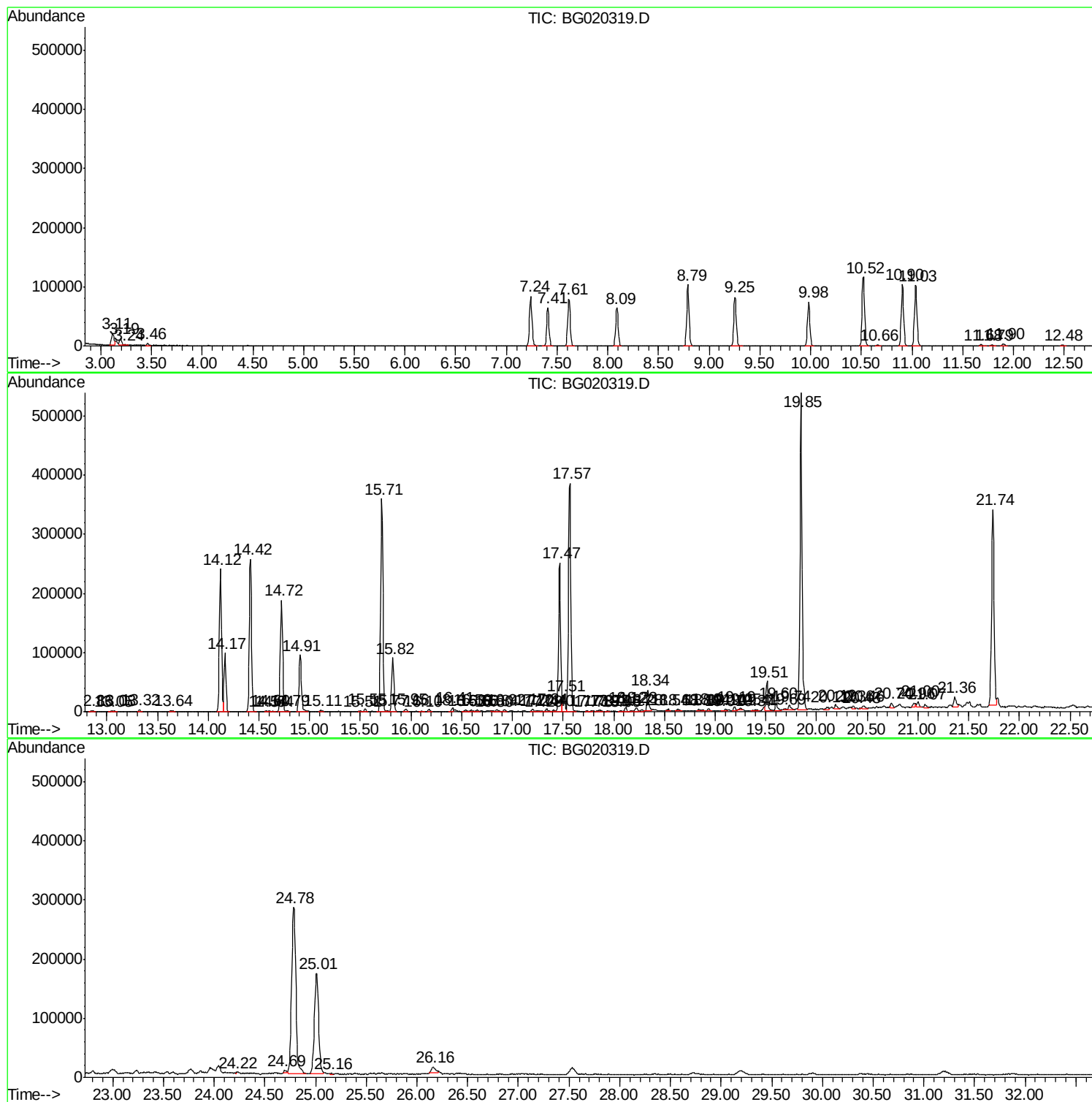
Sum of corrected areas: 7746063

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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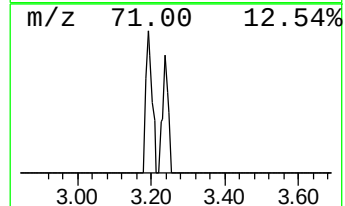
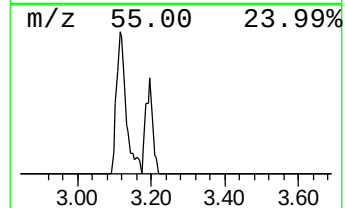
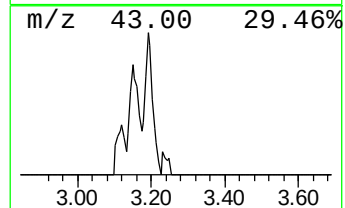
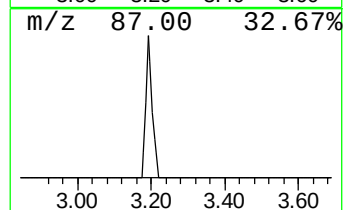
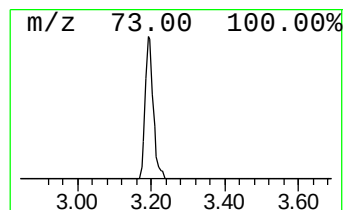
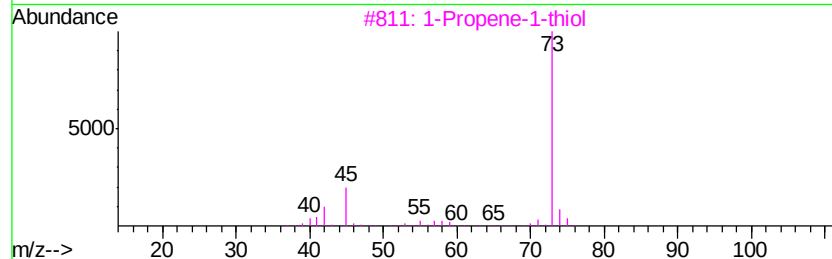
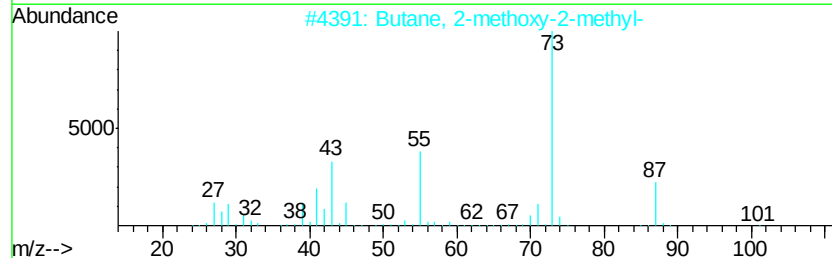
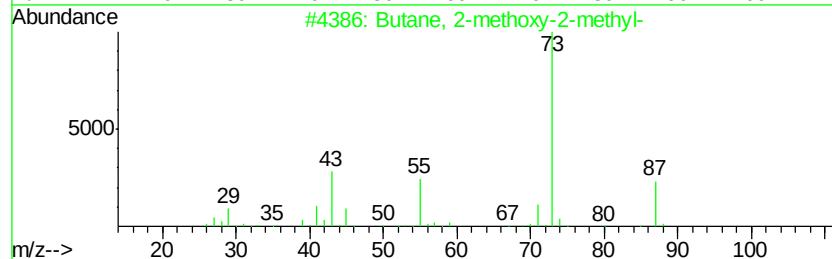
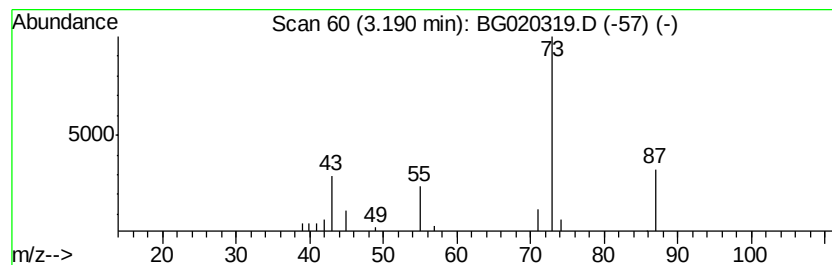
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	2.78 ng/ul	14961	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5



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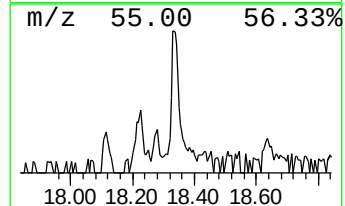
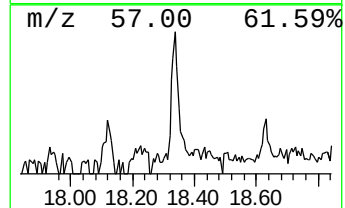
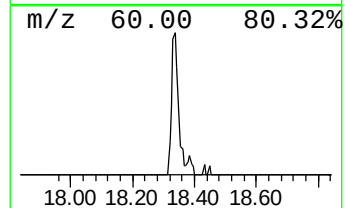
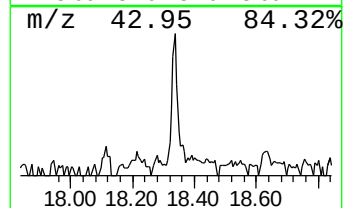
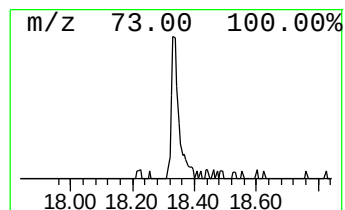
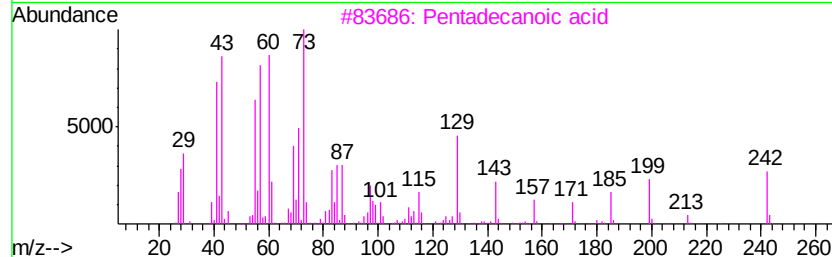
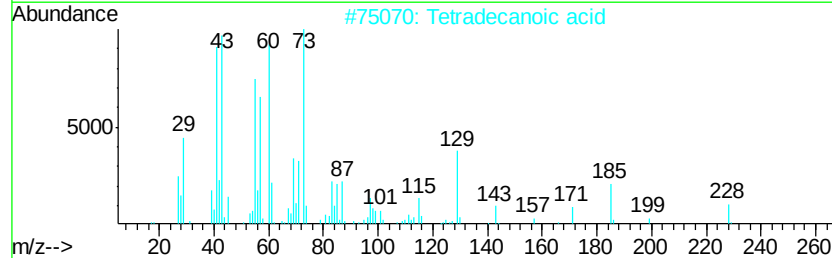
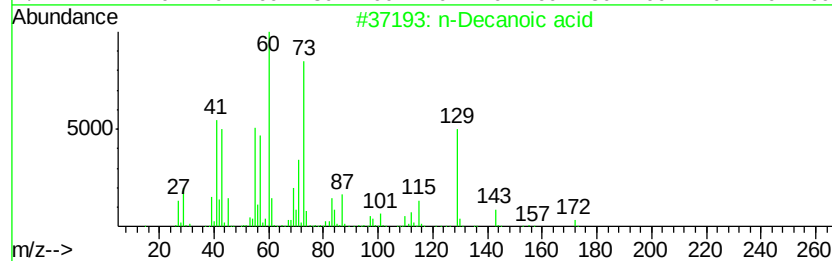
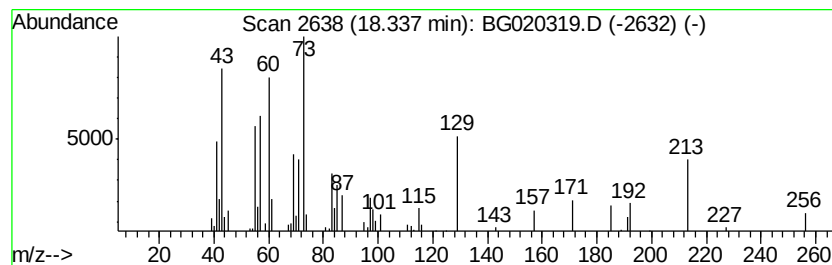
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Peak Number 3 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.34	2.55 ng/ul	49133	Phenanthrene-d10		17.47
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	50
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	2.8	ng/ul	14961	1	8.09	107577	20.0
n-Decanoic acid	18.34	2.5	ng/ul	49133	4	17.47	384777	20.0