

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047186.D
 Acq On : 31 Oct 2020 13:06
 Operator : CG/JU
 Sample : L4583-05
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA8

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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	3.461	17	21	28	rVB2	11687	18639	0.77%	0.096%
2	4.213	146	149	154	rBV4	2773	4214	0.17%	0.022%
3	7.204	652	658	668	rBV2	40344	84176	3.47%	0.432%
4	7.374	679	687	697	rBV	145951	256403	10.58%	1.317%
5	7.580	715	722	730	rBV2	169966	294690	12.16%	1.514%
6	8.050	796	802	809	rBV	183250	312882	12.91%	1.607%
7	8.749	914	921	932	rBV3	124635	221820	9.16%	1.139%
8	9.213	992	1000	1010	rVV	215218	381791	15.76%	1.961%
9	9.624	1066	1070	1074	rVB4	2543	4056	0.17%	0.021%
10	9.936	1117	1123	1137	rBV	193539	349791	14.44%	1.797%
11	10.476	1208	1215	1225	rBV	256822	476967	19.69%	2.450%
12	10.570	1229	1231	1235	rVV3	2067	3094	0.13%	0.016%
13	10.864	1273	1281	1292	rBV	261270	469208	19.37%	2.410%
14	10.999	1299	1304	1315	rBV4	9689	21931	0.91%	0.113%
15	12.450	1546	1551	1556	rBV5	3397	7178	0.30%	0.037%
16	14.078	1822	1828	1834	rBV	671619	971206	40.09%	4.989%
17	14.125	1834	1836	1841	rVB	28601	36328	1.50%	0.187%
18	14.377	1872	1879	1889	rVB	728653	1129408	46.62%	5.801%
19	14.683	1924	1931	1941	rVB2	517092	795538	32.84%	4.086%
20	14.865	1956	1962	1977	rBV2	44064	93521	3.86%	0.480%
21	15.676	2093	2100	2109	rBV	1025682	1564832	64.59%	8.038%
22	15.788	2110	2119	2128	rVV	397847	617274	25.48%	3.171%
23	15.917	2135	2141	2145	rVB2	12350	19598	0.81%	0.101%
24	16.023	2156	2159	2162	rBV	2435	3015	0.12%	0.015%
25	16.234	2194	2195	2200	rBV2	3228	3425	0.14%	0.018%
26	16.375	2216	2219	2222	rVB3	3502	4526	0.19%	0.023%
27	16.451	2228	2232	2238	rBV5	4858	7129	0.29%	0.037%
28	17.104	2340	2343	2346	rVB2	2539	3045	0.13%	0.016%
29	17.215	2358	2362	2368	rVB2	3515	5356	0.22%	0.028%
30	17.427	2391	2398	2407	rBV	732946	1115483	46.04%	5.730%
31	17.527	2409	2415	2424	rVV2	1326148	1934506	79.85%	9.937%
32	18.308	2542	2548	2559	rBV2	68527	116612	4.81%	0.599%
33	19.195	2696	2699	2700	rVB3	3126	3208	0.13%	0.016%
34	19.236	2700	2706	2708	rBV6	3922	6490	0.27%	0.033%

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35	19.372	2727	2729	2734	rBV3	2340	3037	0.13%	0.016%
36	19.448	2736	2742	2747	rBV	19618	33772	1.39%	0.173%
37	19.571	2760	2763	2770	rBV5	33114	49854	2.06%	0.256%
38	19.701	2780	2785	2790	rBV2	15455	24756	1.02%	0.127%
39	19.812	2796	2804	2814	rBV	1691531	2422695	100.00%	12.444%
40	19.889	2814	2817	2819	rBV4	6234	6735	0.28%	0.035%
41	19.959	2826	2829	2830	rBV3	3528	3079	0.13%	0.016%
42	20.335	2887	2893	2897	rBV7	12102	17952	0.74%	0.092%
43	20.382	2897	2901	2902	rBV4	3350	3912	0.16%	0.020%
44	20.423	2907	2908	2911	rBV3	4249	3700	0.15%	0.019%
45	20.688	2950	2953	2956	rVB5	4377	5811	0.24%	0.030%
46	20.752	2962	2964	2965	rBV2	4428	3492	0.14%	0.018%
47	20.829	2972	2977	2980	rBV5	17304	26310	1.09%	0.135%
48	20.852	2980	2981	2985	rVB4	4860	4710	0.19%	0.024%
49	21.064	3015	3017	3018	rBV2	3823	3498	0.14%	0.018%
50	21.334	3059	3063	3073	rBV7	45643	133335	5.50%	0.685%
51	21.504	3090	3092	3095	rBV4	4344	3549	0.15%	0.018%
52	21.692	3117	3124	3137	rBV2	721217	1228016	50.69%	6.308%
53	21.822	3144	3146	3149	rVB3	4439	3493	0.14%	0.018%
54	21.880	3152	3156	3163	rVB3	17641	26809	1.11%	0.138%
55	22.115	3194	3196	3199	rVB4	4797	3891	0.16%	0.020%
56	22.180	3205	3207	3209	rVB3	7043	5684	0.23%	0.029%
57	22.215	3209	3213	3215	rBV5	5557	8543	0.35%	0.044%
58	22.444	3251	3252	3255	rBV3	3688	3866	0.16%	0.020%
59	22.486	3255	3259	3263	rVV3	27423	39059	1.61%	0.201%
60	22.544	3267	3269	3271	rBV3	4764	4952	0.20%	0.025%
61	23.179	3373	3377	3383	rVB4	32376	59913	2.47%	0.308%
62	23.467	3425	3426	3428	rBV2	4682	3885	0.16%	0.020%
63	23.490	3428	3430	3432	rVV3	4234	3454	0.14%	0.018%
64	23.708	3465	3467	3470	rBV4	3848	3240	0.13%	0.017%
65	23.737	3470	3472	3474	rBV3	3777	3417	0.14%	0.018%
66	23.802	3481	3483	3491	rVB8	12890	17206	0.71%	0.088%
67	23.990	3509	3515	3525	rVB2	43539	87123	3.60%	0.448%
68	24.142	3539	3541	3543	rBV3	4339	4036	0.17%	0.021%
69	24.583	3614	3616	3619	rVB4	4247	3325	0.14%	0.017%
70	24.707	3624	3637	3650	rBV2	778311	2194698	90.59%	11.273%
71	24.924	3664	3674	3687	rVB2	454429	1289965	53.25%	6.626%

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72	25.053	3694	3696	3698	rVB3	5956	3473	0.14%	0.018%
73	25.194	3717	3720	3722	rBV4	5647	4942	0.20%	0.025%
74	25.747	3813	3814	3816	rBV2	4399	3109	0.13%	0.016%
75	26.070	3861	3869	3881	rVV4	42741	126280	5.21%	0.649%
76	26.164	3883	3885	3886	rVB2	5157	3461	0.14%	0.018%
77	26.322	3906	3912	3914	rBV7	8190	14186	0.59%	0.073%
78	26.722	3978	3980	3981	rBV2	3900	3217	0.13%	0.017%
79	26.875	4004	4006	4013	rVV8	5002	6903	0.28%	0.035%
80	26.951	4017	4019	4022	rBV4	3291	4664	0.19%	0.024%
81	27.333	4082	4084	4086	rVB3	4563	3475	0.14%	0.018%
82	27.427	4092	4100	4110	rVB3	37124	123961	5.12%	0.637%
83	28.531	4286	4288	4290	rBV3	3462	3350	0.14%	0.017%
84	29.060	4374	4378	4379	rBV4	11796	15271	0.63%	0.078%
85	29.536	4457	4459	4462	rBV4	4490	4765	0.20%	0.024%
86	30.018	4539	4541	4543	rBV3	4097	4846	0.20%	0.025%
87	30.224	4574	4576	4578	rBV3	3324	3430	0.14%	0.018%
88	30.247	4578	4580	4582	rBV3	4380	4410	0.18%	0.023%
89	30.323	4590	4593	4594	rBV3	4348	4425	0.18%	0.023%
90	30.517	4624	4626	4630	rBV4	4223	3844	0.16%	0.020%
91	30.799	4673	4674	4677	rBV3	4261	3615	0.15%	0.019%
92	31.005	4706	4709	4710	rBV3	8178	8178	0.34%	0.042%
93	31.387	4772	4774	4777	rVB3	3629	3743	0.15%	0.019%
94	31.528	4796	4798	4799	rVB2	5616	3255	0.13%	0.017%
95	31.640	4815	4817	4818	rBV2	5528	3291	0.14%	0.017%
96	31.663	4819	4821	4823	rVB3	6824	5559	0.23%	0.029%
97	31.857	4852	4854	4856	rBV3	4224	3490	0.14%	0.018%
98	32.168	4905	4907	4911	rBV5	3518	4106	0.17%	0.021%
99	32.257	4920	4922	4925	rBV4	5311	5286	0.22%	0.027%
100	32.597	4978	4980	4985	rVB5	3622	3643	0.15%	0.019%

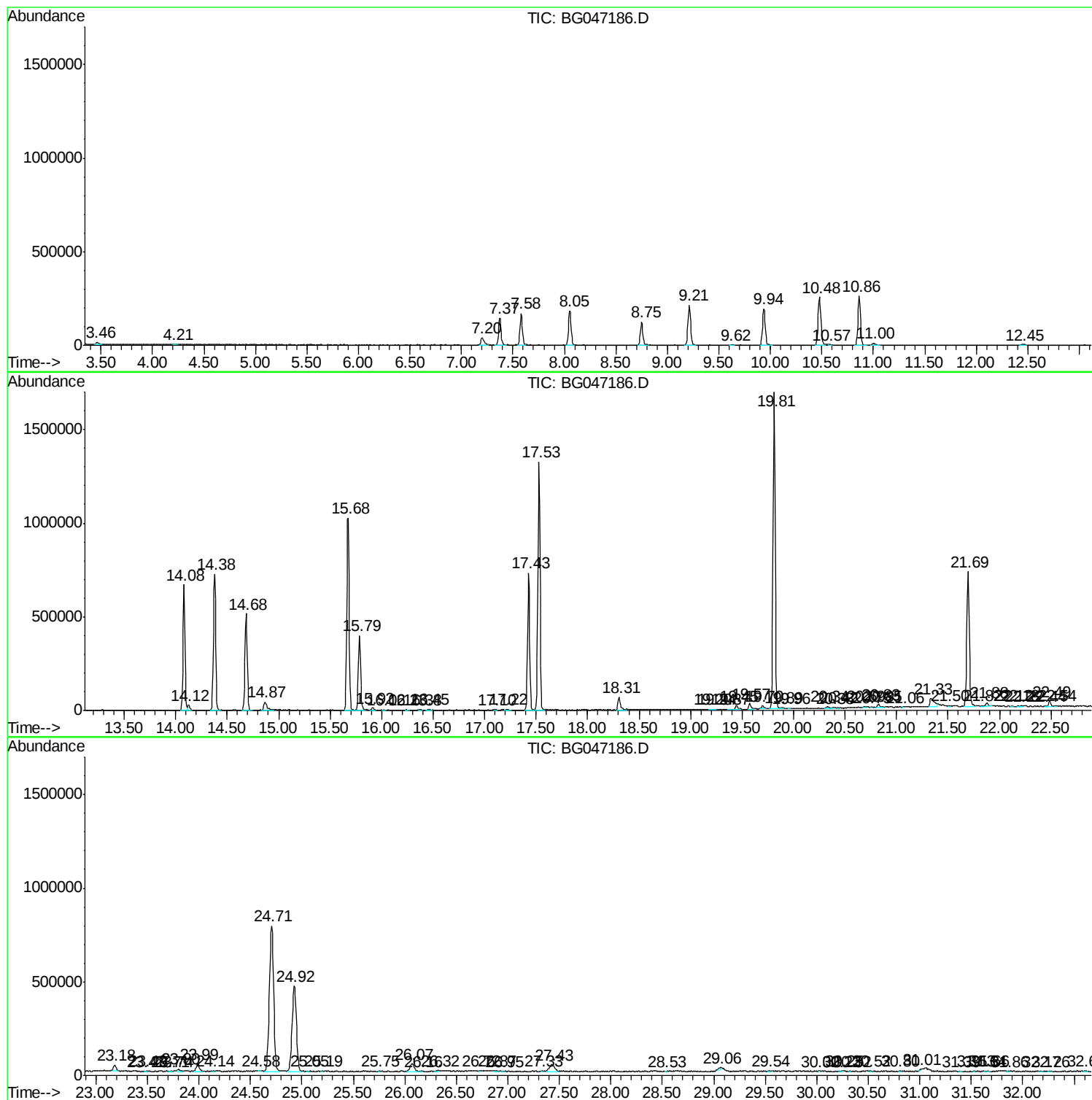
Sum of corrected areas: 19468290

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



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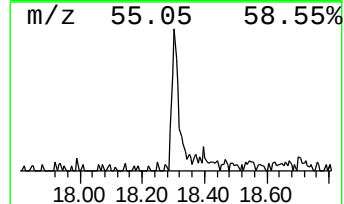
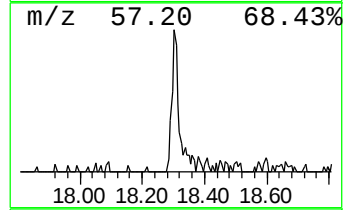
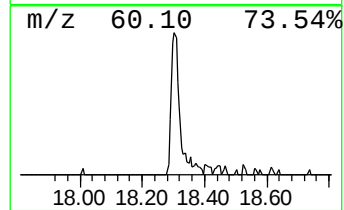
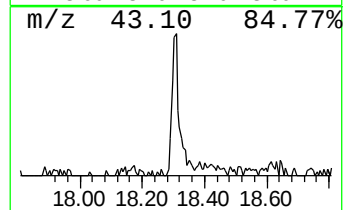
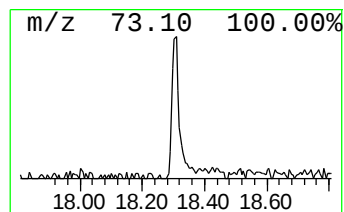
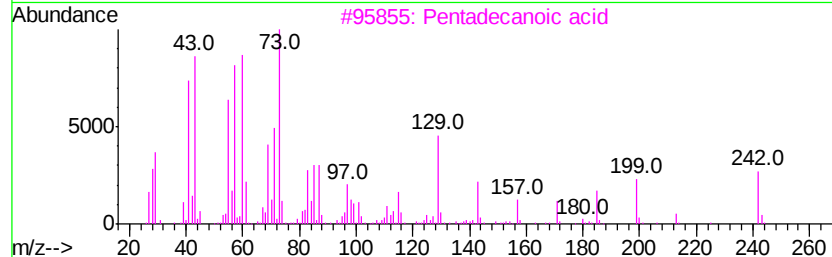
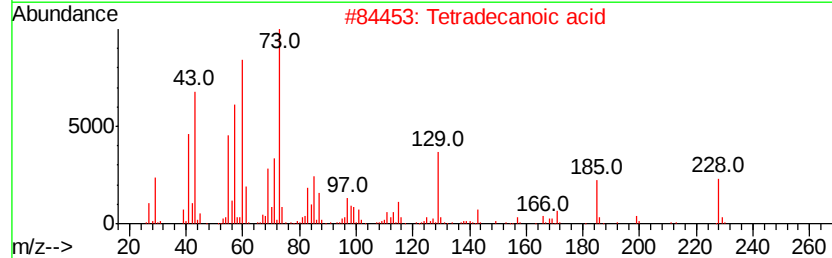
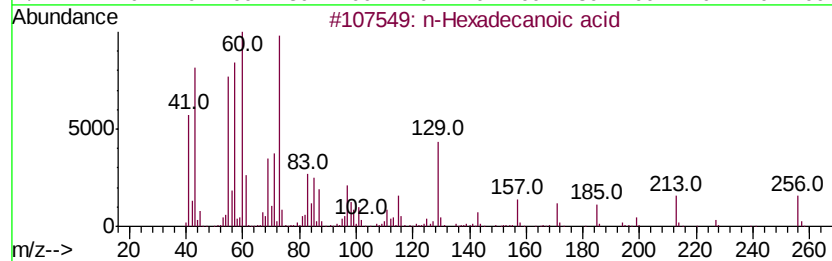
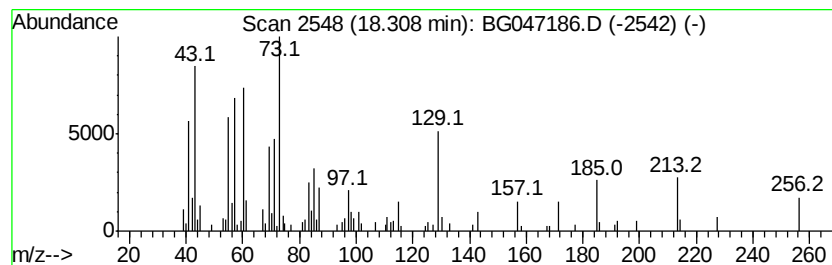
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.09 ng/ul	116612	Phenanthrene-d10	17.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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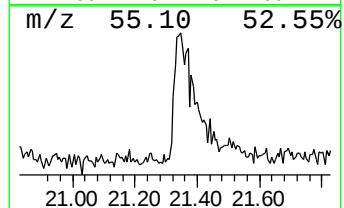
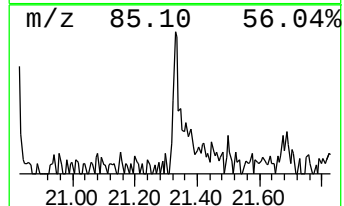
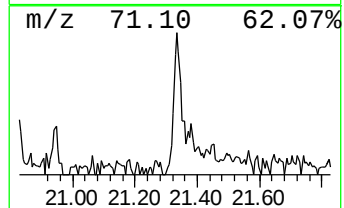
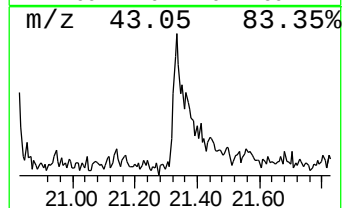
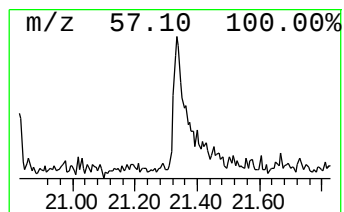
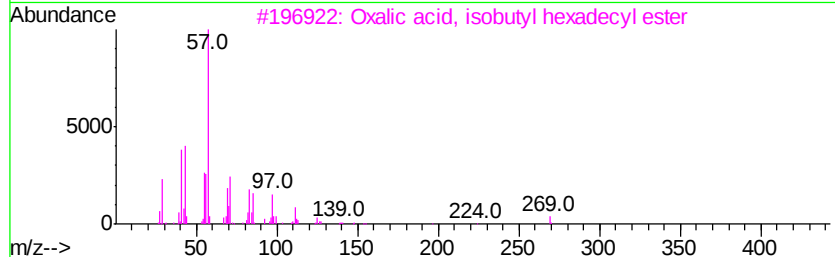
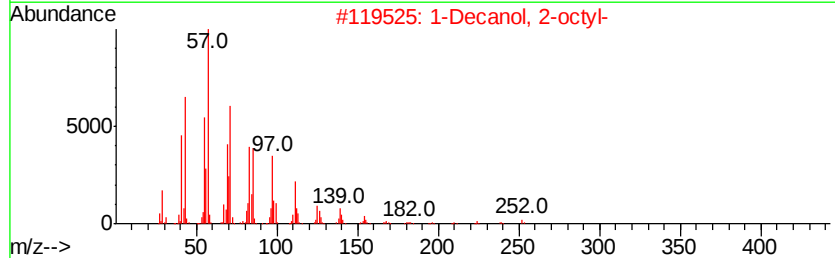
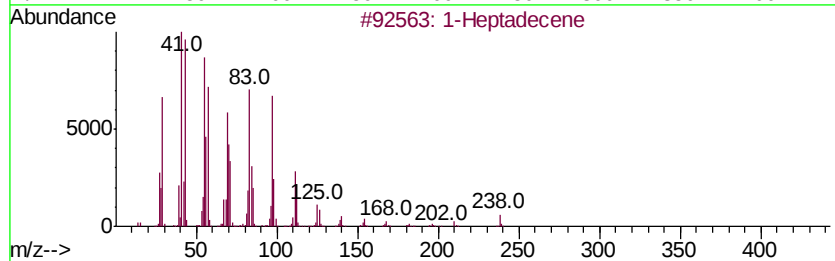
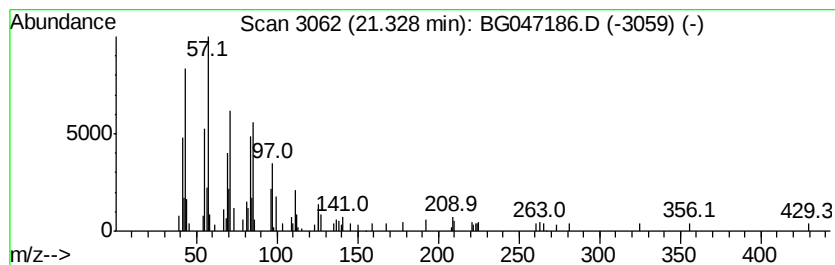
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.17 ng/ul	133335	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecene	238	C17H34	006765-39-5	87
2		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	83
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	80
4		8-Heptadecene	238	C17H34	002579-04-6	78
5		3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.31	2.1	ng/ul	116612	4	17.43	1115480	20.0
(DEL) Alkane: Str...	21.33	2.2	ng/ul	133335	5	21.69	1228020	20.0