

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047505.D
 Acq On : 1 Dec 2020 20:29
 Operator : CG/JU
 Sample : L4793-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BA3

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-BG111920MA.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	3.411	10	12	14	rVB4	3734	2706	0.28%	0.026%
2	3.605	41	45	49	rBV2	6325	9251	0.97%	0.090%
3	3.881	91	92	94	rVV2	4233	3354	0.35%	0.033%
4	3.899	94	95	98	rVV	4832	3267	0.34%	0.032%
5	4.146	134	137	140	rBV	3004	3562	0.37%	0.035%
6	4.258	153	156	158	rBV	2784	2793	0.29%	0.027%
7	4.469	187	192	194	rBV2	2550	3431	0.36%	0.033%
8	4.551	203	206	209	rVV2	2445	2793	0.29%	0.027%
9	4.598	211	214	219	rVV2	3015	5399	0.57%	0.053%
10	4.669	223	226	229	rVB	1807	2498	0.26%	0.024%
11	5.015	283	285	288	rVB	2585	2635	0.28%	0.026%
12	5.685	394	399	402	rVB	2352	3270	0.34%	0.032%
13	6.508	536	539	544	rBV	1690	2723	0.29%	0.027%
14	7.395	683	690	700	rBV4	129848	300864	31.61%	2.934%
15	7.577	714	721	727	rVV	77651	132236	13.89%	1.290%
16	7.789	751	757	766	rBV2	130009	222992	23.43%	2.175%
17	8.265	833	838	846	rVV	118334	197015	20.70%	1.922%
18	8.952	946	955	968	rVB3	156221	267152	28.07%	2.606%
19	9.434	1027	1037	1046	rBV	127374	239118	25.12%	2.332%
20	9.845	1101	1107	1112	rVB3	9768	15959	1.68%	0.156%
21	10.162	1153	1161	1170	rVB2	119842	224297	23.56%	2.188%
22	10.397	1199	1201	1206	rVB2	2167	2576	0.27%	0.025%
23	10.697	1244	1252	1261	rBV	172452	312173	32.80%	3.045%
24	11.091	1312	1319	1327	rVV	149952	271782	28.55%	2.651%
25	11.214	1334	1340	1349	rVB	136598	253055	26.59%	2.468%
26	12.654	1581	1585	1589	rBV2	2807	3576	0.38%	0.035%
27	13.247	1681	1686	1688	rBV2	2462	3972	0.42%	0.039%
28	13.646	1750	1754	1758	rBV2	2643	4315	0.45%	0.042%
29	13.699	1760	1763	1764	rBV2	4743	4652	0.49%	0.045%
30	13.758	1769	1773	1778	rVV5	6946	11000	1.16%	0.107%
31	14.211	1843	1850	1855	rBV3	103573	157438	16.54%	1.536%
32	14.269	1855	1860	1865	rVV	324324	487082	51.17%	4.751%
33	14.316	1865	1868	1874	rVV	49206	68927	7.24%	0.672%
34	14.575	1906	1912	1921	rVB	317342	513912	53.99%	5.012%

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35	14.710	1933	1935	1939	rBV3	5763	6513	0.68%	0.064%
36	14.751	1939	1942	1947	rVB3	4074	6359	0.67%	0.062%
37	14.833	1952	1956	1958	rVV3	5787	7775	0.82%	0.076%
38	14.874	1958	1963	1970	rVV	246588	401615	42.19%	3.917%
39	14.939	1970	1974	1978	rVB4	9102	10369	1.09%	0.101%
40	15.033	1984	1990	1999	rBV	149885	257862	27.09%	2.515%
41	15.098	1999	2001	2002	rVV2	6418	5624	0.59%	0.055%
42	15.121	2002	2005	2008	rVV3	12871	16326	1.72%	0.159%
43	15.151	2008	2010	2012	rVB3	3333	2418	0.25%	0.024%
44	15.192	2012	2017	2018	rBV2	3280	4417	0.46%	0.043%
45	15.444	2058	2060	2064	rBV2	2326	2957	0.31%	0.029%
46	15.544	2074	2077	2078	rBV2	3028	2432	0.26%	0.024%
47	15.644	2091	2094	2096	rBV	4174	4400	0.46%	0.043%
48	15.862	2122	2131	2138	rBV2	469660	687950	72.28%	6.710%
49	15.961	2143	2148	2164	rVV2	148378	239216	25.13%	2.333%
50	16.102	2167	2172	2175	rVV2	8721	14162	1.49%	0.138%
51	16.196	2186	2188	2193	rVB2	3118	3274	0.34%	0.032%
52	16.326	2207	2210	2214	rBV3	3905	5748	0.60%	0.056%
53	16.420	2223	2226	2228	rBV3	4489	4994	0.52%	0.049%
54	16.531	2240	2245	2247	rBV2	4786	6511	0.68%	0.064%
55	16.555	2247	2249	2252	rVV2	2015	2511	0.26%	0.024%
56	16.637	2261	2263	2266	rVV2	5585	5131	0.54%	0.050%
57	16.731	2276	2279	2283	rVB	2035	2846	0.30%	0.028%
58	16.784	2285	2288	2291	rVB	2145	2638	0.28%	0.026%
59	16.837	2291	2297	2302	rBV2	7325	14461	1.52%	0.141%
60	16.901	2305	2308	2312	rBV2	2386	3347	0.35%	0.033%
61	16.960	2312	2318	2319	rBV2	2855	2464	0.26%	0.024%
62	16.990	2322	2323	2327	rVB2	2590	2589	0.27%	0.025%
63	17.060	2332	2335	2336	rBV	2836	3133	0.33%	0.031%
64	17.078	2336	2338	2343	rVB	2730	2843	0.30%	0.028%
65	17.125	2343	2346	2348	rBV	2154	2497	0.26%	0.024%
66	17.254	2366	2368	2371	rVV	2799	2974	0.31%	0.029%
67	17.295	2371	2375	2380	rVV	3054	5757	0.60%	0.056%
68	17.342	2380	2383	2386	rVB2	5382	6293	0.66%	0.061%
69	17.401	2392	2393	2398	rVB2	3536	4824	0.51%	0.047%
70	17.612	2423	2429	2436	rBV	373939	561872	59.03%	5.480%
71	17.712	2438	2446	2455	rVB2	487307	740489	77.80%	7.222%

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72	17.977	2486	2491	2492	rBV3	5492	7259	0.76%	0.071%
73	18.764	2623	2625	2628	rBV2	2812	2597	0.27%	0.025%
74	18.852	2638	2640	2643	rBV2	2303	2979	0.31%	0.029%
75	18.899	2643	2648	2649	rBV4	5462	5752	0.60%	0.056%
76	18.981	2658	2662	2667	rBV3	3790	7179	0.75%	0.070%
77	19.075	2675	2678	2679	rBV2	2944	3259	0.34%	0.032%
78	19.169	2692	2694	2695	rBV2	4552	3912	0.41%	0.038%
79	19.246	2703	2707	2714	rVB2	17937	32699	3.44%	0.319%
80	19.369	2725	2728	2729	rBV	6477	4891	0.51%	0.048%
81	19.387	2729	2731	2734	rVB4	4847	3918	0.41%	0.038%
82	19.540	2755	2757	2759	rVB3	3985	2996	0.31%	0.029%
83	19.616	2766	2770	2771	rBV2	8234	6607	0.69%	0.064%
84	19.645	2773	2775	2779	rVB3	9249	7985	0.84%	0.078%
85	19.704	2783	2785	2787	rBV2	3042	3066	0.32%	0.030%
86	19.822	2802	2805	2806	rBV2	3065	2840	0.30%	0.028%
87	19.869	2809	2813	2817	rVV5	7580	11612	1.22%	0.113%
88	19.974	2824	2831	2840	rBV	622549	951846	100.00%	9.284%
89	20.450	2910	2912	2915	rBV4	4488	4763	0.50%	0.046%
90	21.508	3087	3092	3100	rBV3	63629	117863	12.38%	1.150%
91	21.631	3111	3113	3115	rBV3	6378	4756	0.50%	0.046%
92	21.761	3131	3135	3140	rVB2	54063	83498	8.77%	0.814%
93	21.896	3151	3158	3164	rBV2	361982	641367	67.38%	6.255%
94	25.057	3687	3696	3707	rVB	286276	850794	89.38%	8.298%
95	25.298	3727	3737	3752	rVB	202438	667218	70.10%	6.508%
96	27.160	4053	4054	4057	rBV3	6078	4097	0.43%	0.040%
97	27.671	4139	4141	4142	rBV2	6136	2607	0.27%	0.025%
98	27.689	4142	4144	4146	rBV3	6079	3151	0.33%	0.031%
99	29.322	4419	4422	4424	rBV4	7435	9234	0.97%	0.090%
100	30.891	4688	4689	4690	rVB	8350	2948	0.31%	0.029%

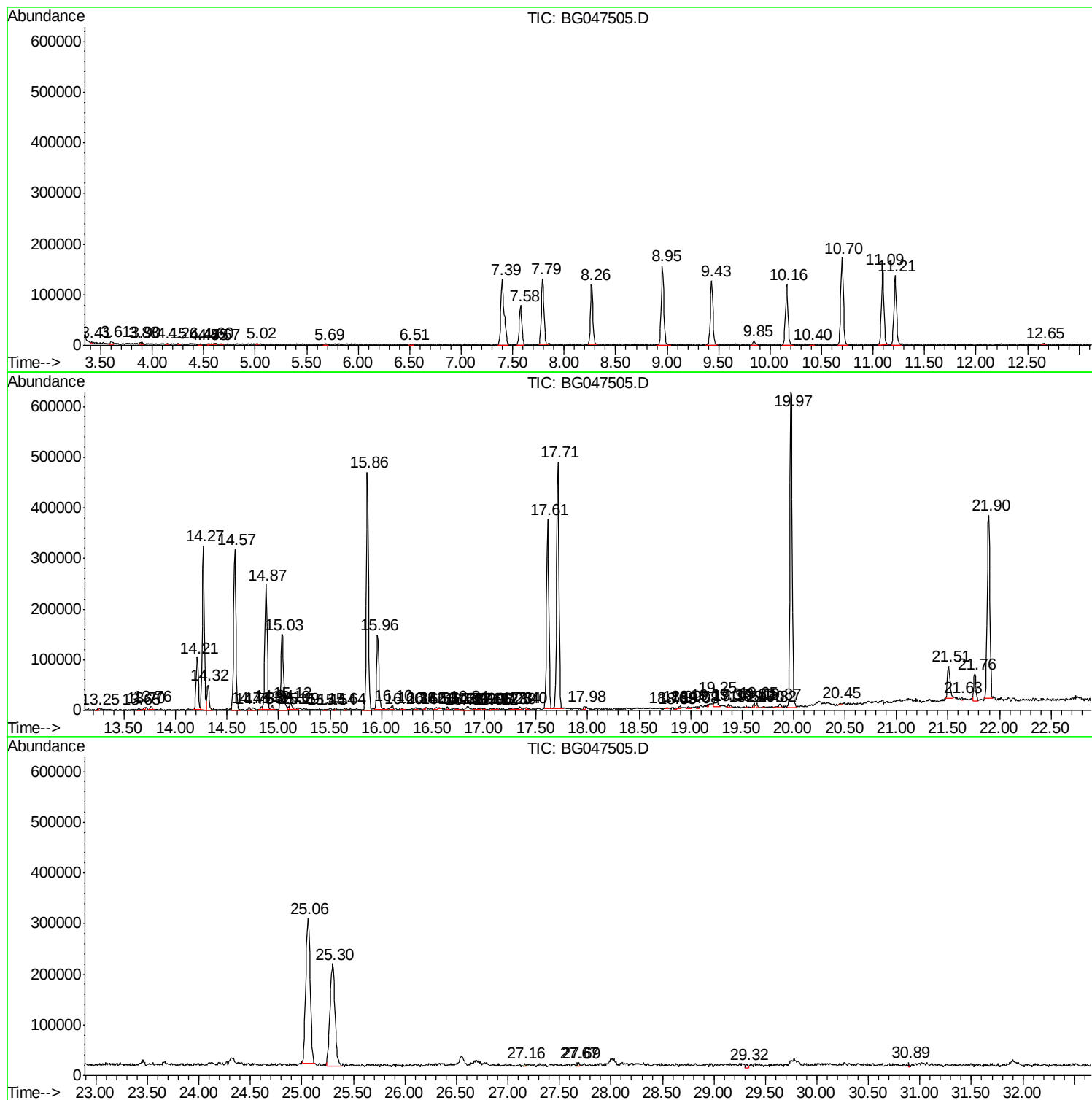
Sum of corrected areas: 10253059

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



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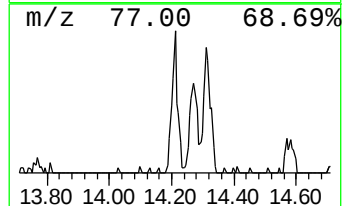
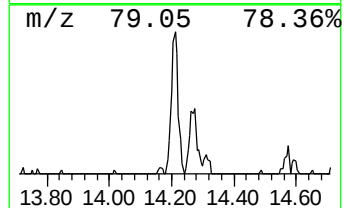
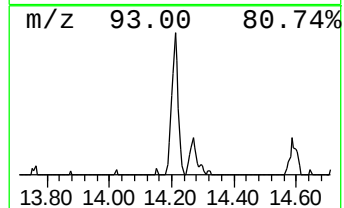
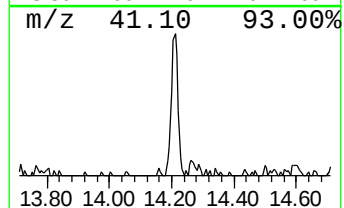
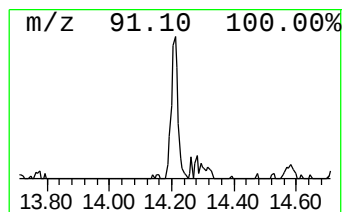
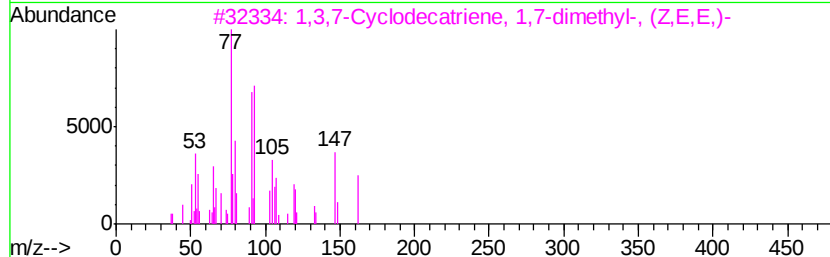
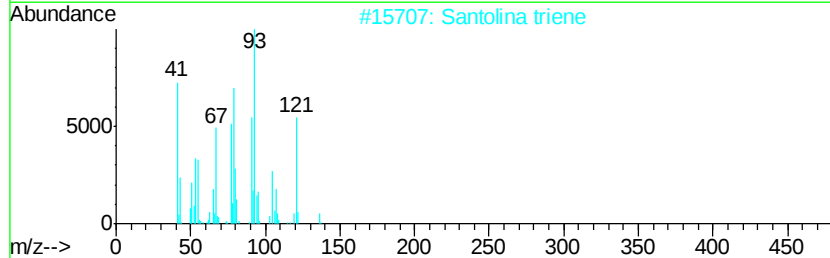
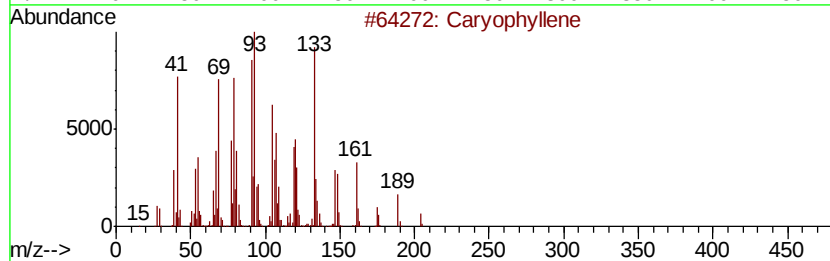
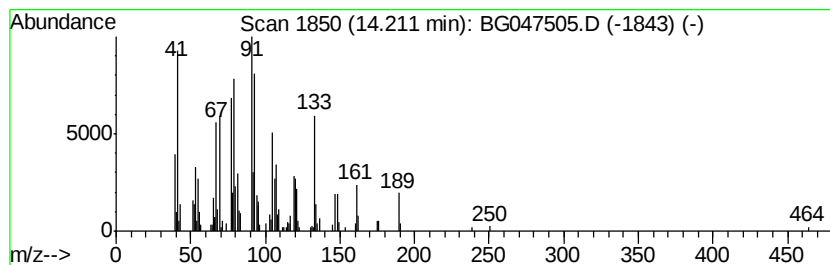
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Caryophyllene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	7.84 ng/ul	157438	Acenaphthene-d10	14.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene	204 C15H24	000087-44-5 81
2		Santolina triene	136 C10H16	002153-66-4 45
3		1,3,7-Cyclodecatriene, 1,7-dimet...	162 C12H18	020082-17-1 43
4		1,5,6,7-Tetramethylbicyclo[3.2.0]...	148 C11H16	134329-46-7 42
5		3-Methylene-1,6-heptadiene	108 C8H12	016626-48-5 38



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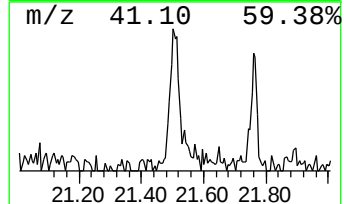
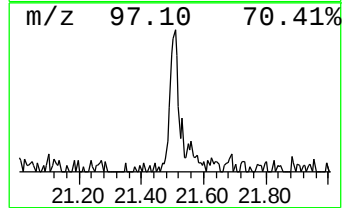
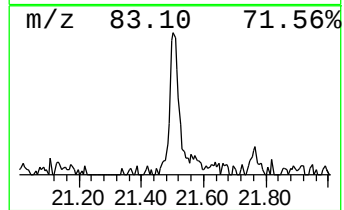
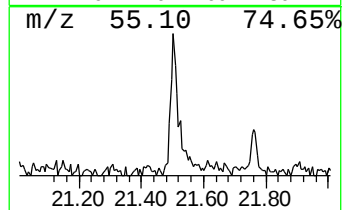
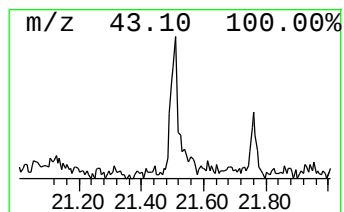
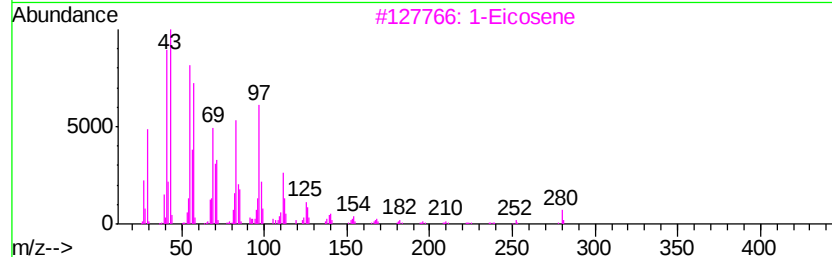
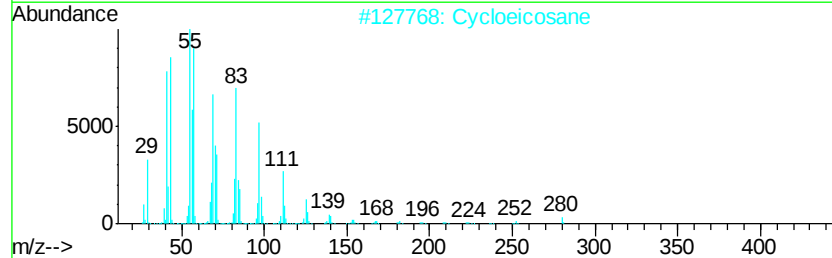
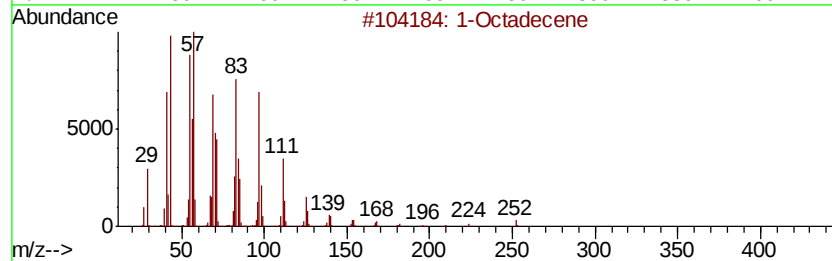
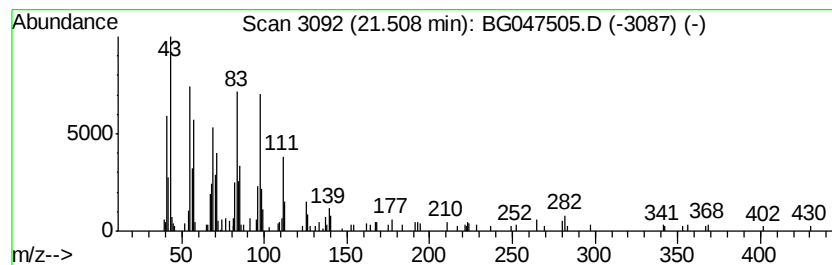
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	3.68 ng/ul	117863	Chrysene-d12	21.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	98
2			Cycloeicosane	280	C20H40	000296-56-0	97
3			1-Eicosene	280	C20H40	003452-07-1	95
4			5-Eicosene, (E)-	280	C20H40	074685-30-6	95
5			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Caryophyllene	14.21	7.8	ng/ul	157438	3	14.88	401615	20.0
(DEL) Alkane: Str...	21.51	3.7	ng/ul	117863	5	21.90	641367	20.0