

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047671.D
 Acq On : 9 Dec 2020 13:13
 Operator : CG/JU
 Sample : L4862-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B62

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-BG120720MA.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	3.538	30	34	38	rBV4	6547	10556	0.76%	0.085%
2	3.579	40	41	44	rVB2	4032	3017	0.22%	0.024%
3	3.608	44	46	49	rBV2	2899	3284	0.24%	0.026%
4	3.720	63	65	67	rVB2	2757	2445	0.18%	0.020%
5	3.744	67	69	70	rBV	3863	2415	0.17%	0.019%
6	3.826	81	83	85	rBV2	3020	3469	0.25%	0.028%
7	4.020	113	116	117	rBV	3055	2287	0.17%	0.018%
8	4.190	140	145	146	rVB2	2794	2654	0.19%	0.021%
9	4.214	146	149	152	rBV2	2142	2356	0.17%	0.019%
10	4.549	205	206	210	rVB	3330	2643	0.19%	0.021%
11	4.584	210	212	217	rVB	3345	3260	0.24%	0.026%
12	5.101	295	300	301	rBV	1839	2752	0.20%	0.022%
13	5.635	389	391	398	rVB	1731	3191	0.23%	0.026%
14	5.970	446	448	451	rBV	2779	2671	0.19%	0.022%
15	7.351	675	683	695	rVB	174141	327263	23.65%	2.641%
16	7.527	706	713	720	rBV	93431	162903	11.77%	1.314%
17	7.739	740	749	757	rBV	170421	309467	22.36%	2.497%
18	7.792	757	758	763	rVB	4652	3030	0.22%	0.024%
19	8.103	808	811	817	rBV	1716	2741	0.20%	0.022%
20	8.174	817	823	824	rVV2	6428	9033	0.65%	0.073%
21	8.215	824	830	837	rVB2	104048	175072	12.65%	1.413%
22	8.814	925	932	934	rBV2	1931	3052	0.22%	0.025%
23	8.908	940	948	958	rBV	212545	364654	26.35%	2.942%
24	9.308	1012	1016	1021	rBV4	18530	30758	2.22%	0.248%
25	9.384	1021	1029	1037	rVB	173587	308868	22.32%	2.492%
26	9.784	1093	1097	1102	rVB2	5022	7149	0.52%	0.058%
27	10.107	1146	1152	1160	rVV	172847	312812	22.60%	2.524%
28	10.653	1238	1245	1254	rBV	236226	423393	30.59%	3.416%
29	11.041	1303	1311	1318	rBV	125939	224996	16.26%	1.816%
30	11.164	1325	1332	1342	rBV2	174467	330692	23.89%	2.668%
31	12.610	1574	1578	1580	rBV2	2984	3319	0.24%	0.027%
32	13.467	1722	1724	1729	rBV2	1982	3140	0.23%	0.025%
33	13.650	1752	1755	1757	rBV2	2914	2536	0.18%	0.020%
34	13.708	1762	1765	1766	rVV2	2448	2594	0.19%	0.021%

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35	14.225	1847	1853	1858	rBV	433005	619588	44.77%	5.000%
36	14.272	1858	1861	1867	rVB2	75745	108448	7.84%	0.875%
37	14.531	1899	1905	1915	rVB	429784	678429	49.02%	5.474%
38	14.707	1931	1935	1939	rBV3	2076	3797	0.27%	0.031%
39	14.836	1950	1957	1963	rBV	206911	315996	22.83%	2.550%
40	15.001	1979	1985	1993	rBV2	218027	349359	25.24%	2.819%
41	15.148	2008	2010	2012	rBV2	2963	2652	0.19%	0.021%
42	15.224	2020	2023	2024	rBV	4425	3775	0.27%	0.030%
43	15.330	2036	2041	2042	rBV	2427	3229	0.23%	0.026%
44	15.759	2112	2114	2118	rBV	1718	2818	0.20%	0.023%
45	15.818	2118	2124	2131	rVV	537592	849935	61.41%	6.858%
46	15.923	2137	2142	2152	rVB	221135	321497	23.23%	2.594%
47	16.059	2161	2165	2171	rBV	10037	13479	0.97%	0.109%
48	16.158	2179	2182	2184	rBV2	3644	3795	0.27%	0.031%
49	16.211	2188	2191	2194	rBV	2486	3223	0.23%	0.026%
50	16.305	2201	2207	2210	rBV	3074	6152	0.44%	0.050%
51	16.687	2269	2272	2276	rVB2	3960	5215	0.38%	0.042%
52	16.793	2287	2290	2294	rBV2	5329	5693	0.41%	0.046%
53	16.881	2302	2305	2307	rVB2	2056	2385	0.17%	0.019%
54	17.104	2338	2343	2345	rVB2	5220	4838	0.35%	0.039%
55	17.128	2345	2347	2350	rBV	2510	2780	0.20%	0.022%
56	17.222	2358	2363	2371	rBV	4471	12062	0.87%	0.097%
57	17.310	2371	2378	2381	rVV4	2552	4612	0.33%	0.037%
58	17.386	2388	2391	2396	rVB3	2950	4340	0.31%	0.035%
59	17.445	2398	2401	2402	rBV2	2696	2646	0.19%	0.021%
60	17.498	2407	2410	2414	rVB2	2502	3675	0.27%	0.030%
61	17.569	2416	2422	2427	rBV	278613	442075	31.94%	3.567%
62	17.610	2427	2429	2433	rVV	57660	78293	5.66%	0.632%
63	17.668	2433	2439	2450	rVV2	604408	964127	69.66%	7.780%
64	17.768	2454	2456	2458	rVB3	3267	2597	0.19%	0.021%
65	17.827	2464	2466	2468	rBV2	3044	3037	0.22%	0.025%
66	17.939	2480	2485	2487	rBV	3443	5483	0.40%	0.044%
67	17.962	2487	2489	2494	rVB2	5788	7361	0.53%	0.059%
68	18.156	2517	2522	2523	rBV2	3097	3735	0.27%	0.030%
69	18.362	2554	2557	2560	rBV2	3070	4829	0.35%	0.039%
70	18.438	2566	2570	2574	rBV5	12803	18859	1.36%	0.152%
71	18.491	2575	2579	2586	rVB3	12419	20259	1.46%	0.163%

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72	18.562	2589	2591	2598	rBV3	4846	8954	0.65%	0.072%
73	18.632	2598	2603	2607	rBV4	14713	26508	1.92%	0.214%
74	18.779	2625	2628	2630	rBV2	6200	8050	0.58%	0.065%
75	18.926	2649	2653	2655	rBV2	12027	12745	0.92%	0.103%
76	18.967	2657	2660	2667	rVB5	18320	30459	2.20%	0.246%
77	19.020	2667	2669	2670	rBV	3032	2411	0.17%	0.019%
78	19.173	2692	2695	2699	rVB3	5013	7570	0.55%	0.061%
79	19.225	2701	2704	2707	rBV5	5847	8270	0.60%	0.067%
80	19.325	2717	2721	2722	rBV2	3783	4344	0.31%	0.035%
81	19.343	2722	2724	2727	rBV4	6743	9817	0.71%	0.079%
82	19.478	2744	2747	2750	rBV2	7872	9175	0.66%	0.074%
83	19.607	2759	2769	2775	rBV	170848	252924	18.28%	2.041%
84	19.654	2775	2777	2781	rVB4	5279	5976	0.43%	0.048%
85	19.695	2781	2784	2788	rVB5	5155	7890	0.57%	0.064%
86	19.942	2819	2826	2838	rBV2	836088	1383989	100.00%	11.168%
87	20.036	2839	2842	2845	rVB3	9828	12647	0.91%	0.102%
88	20.448	2910	2912	2918	rVB	30000	36938	2.67%	0.298%
89	20.553	2927	2930	2933	rVB2	15860	17445	1.26%	0.141%
90	20.747	2960	2963	2967	rBV6	10794	18457	1.33%	0.149%
91	21.217	3040	3043	3051	rVB2	20100	36537	2.64%	0.295%
92	21.411	3069	3076	3080	rBV4	22267	50215	3.63%	0.405%
93	21.458	3080	3084	3096	rVB4	93897	192153	13.88%	1.551%
94	21.711	3124	3127	3133	rVB3	22101	32949	2.38%	0.266%
95	21.846	3142	3150	3155	rBV2	306195	641179	46.33%	5.174%
96	24.137	3534	3540	3548	rBV2	45952	144253	10.42%	1.164%
97	24.983	3675	3684	3692	rBV2	378670	999386	72.21%	8.064%
98	25.218	3715	3724	3735	rVB3	166918	476292	34.41%	3.843%
99	25.453	3762	3764	3766	rBV3	7958	6256	0.45%	0.050%
100	28.144	4220	4222	4226	rBV4	7804	9483	0.69%	0.077%

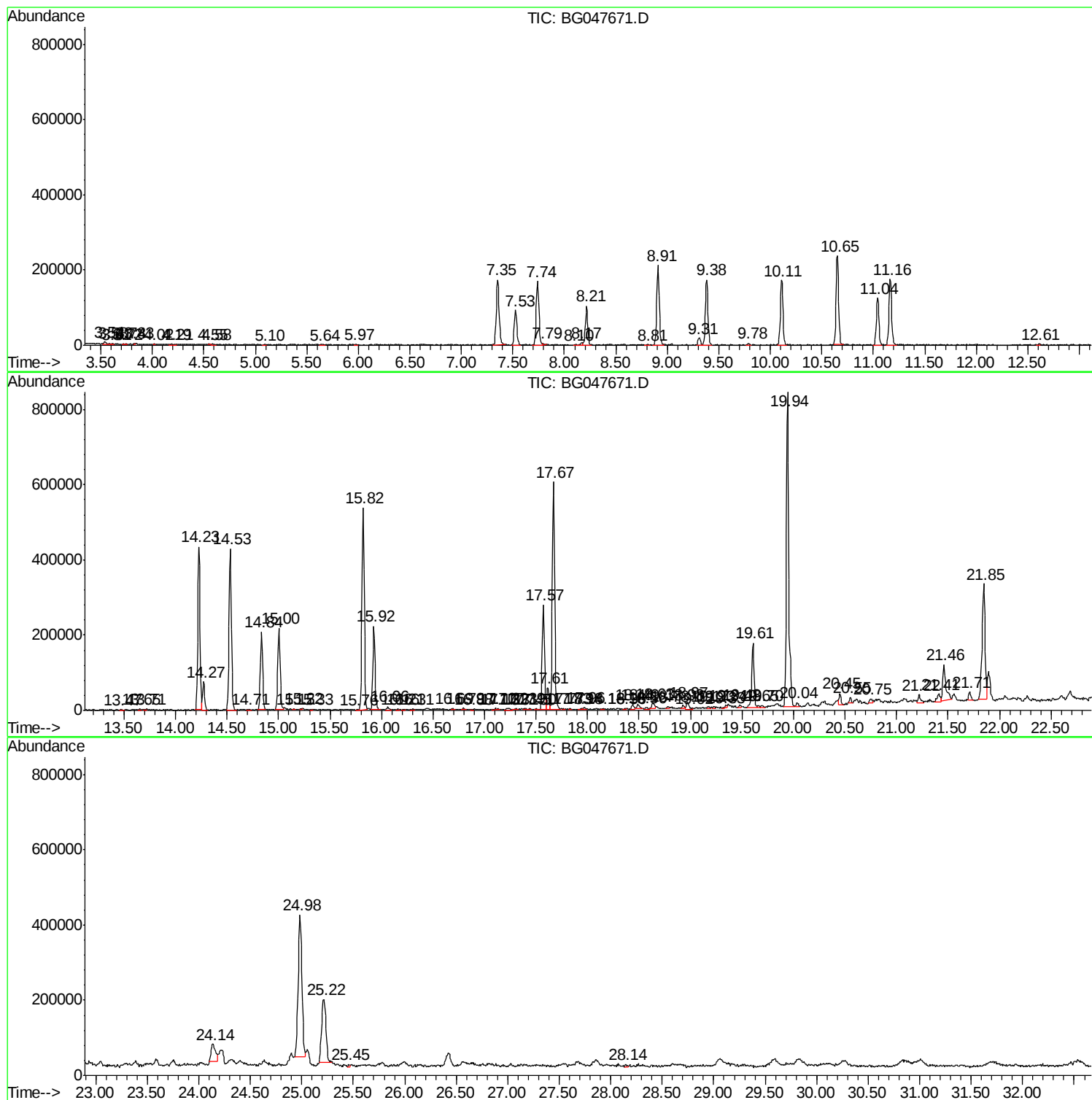
Sum of corrected areas: 12392817

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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



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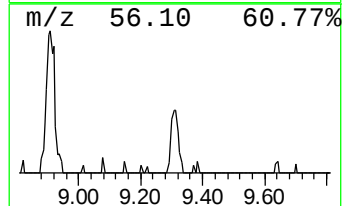
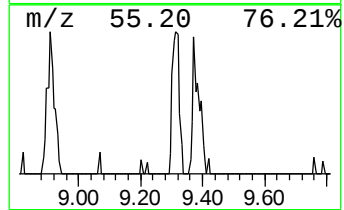
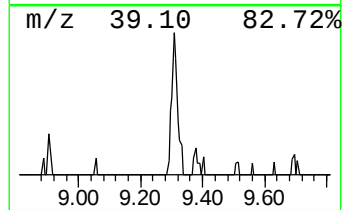
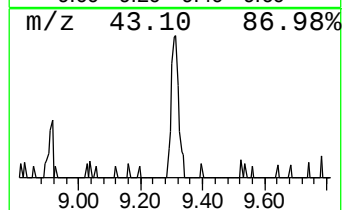
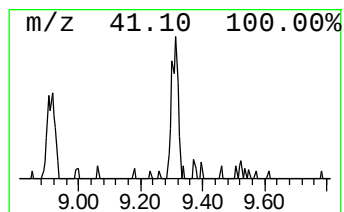
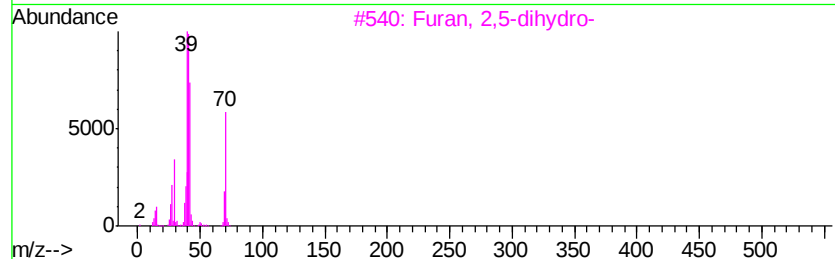
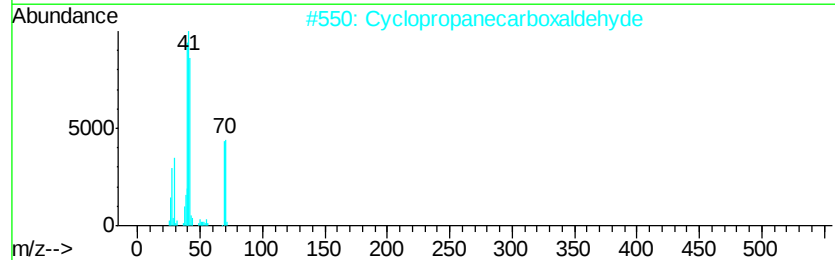
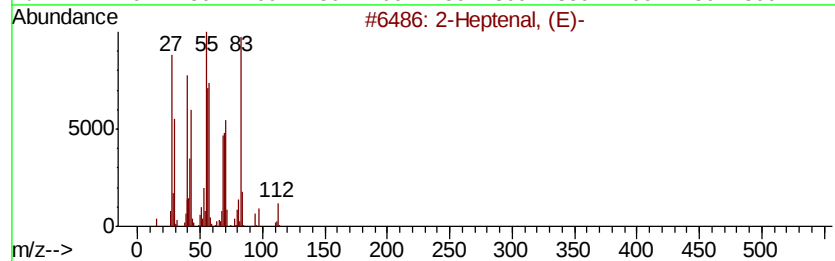
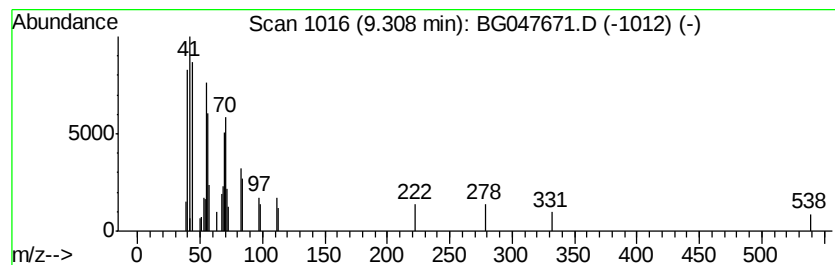
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Heptenal, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	3.51 ng/ul	30758	1,4-Dichlorobenzene-d4	8.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptenal, (E)-	112	C7H12O	018829-55-5	80
2			Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	59
3			Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	59
4			2-Butenal	70	C4H6O	004170-30-3	59
5			2-Hexene, (Z)-	84	C6H12	007688-21-3	59



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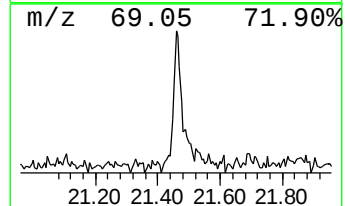
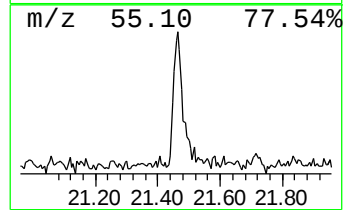
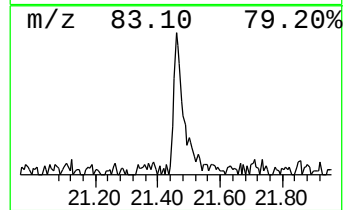
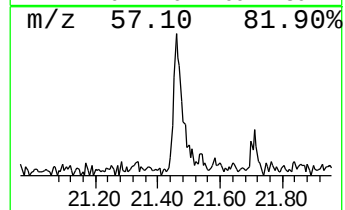
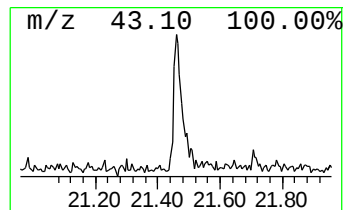
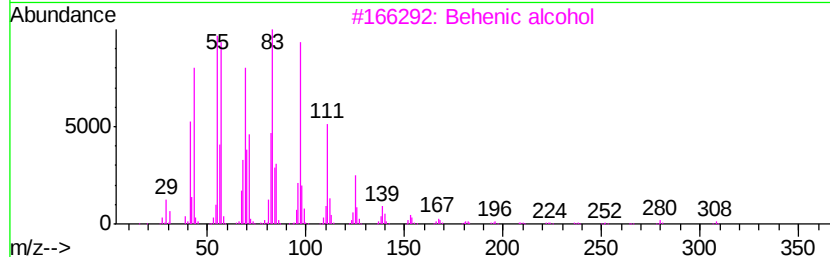
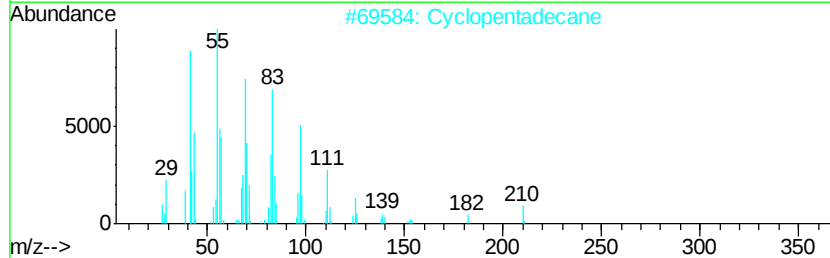
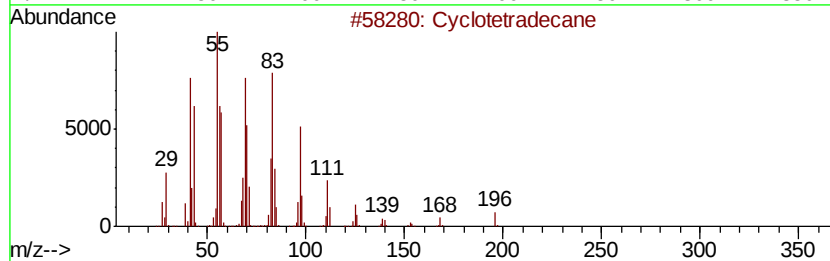
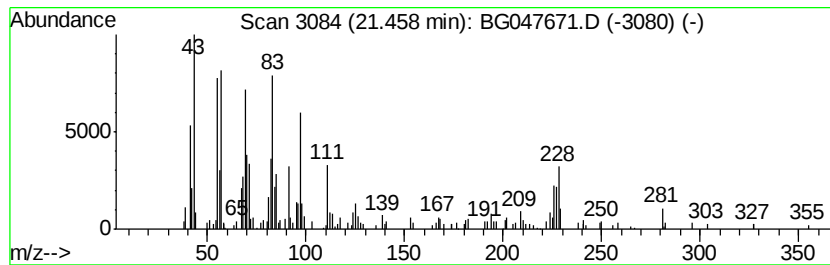
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Peak Number 2 (DEL) Alkane: Cyclic21.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	5.99 ng/ul	192153	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	92
2		Cyclopentadecane	210	C15H30	000295-48-7	90
3		Behenic alcohol	326	C22H46O	000661-19-8	86
4		Cyclotetradecane	196	C14H28	000295-17-0	84
5		1-Tricosene	322	C23H46	018835-32-0	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Heptenal, (E)-	9.31	3.5	ng/ul	30758	1	8.21	175072	20.0
(DEL) Alkane: Cyc...	21.46	6.0	ng/ul	192153	5	21.85	641179	20.0