

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020358.D
 Acq On : 21 Dec 2015 1:14
 Operator : UM/SJ
 Sample : G4848-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N52

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	57	rVB2	9056	17593	1.93%	0.210%
2	3.191	57	60	64	rBV2	3442	4390	0.48%	0.052%
3	3.467	103	107	112	rVV2	3042	4716	0.52%	0.056%
4	5.171	393	397	402	rVB2	1850	2335	0.26%	0.028%
5	6.716	655	660	664	rBB2	2210	3019	0.33%	0.036%
6	7.257	745	752	762	rBB	88069	151649	16.65%	1.806%
7	7.409	770	778	786	rBV	66977	111498	12.24%	1.328%
8	7.621	808	814	822	rBV	86989	148426	16.29%	1.768%
9	8.091	887	894	902	rBB	71773	116845	12.83%	1.392%
10	8.802	1009	1015	1024	rBV	119345	207473	22.78%	2.471%
11	9.260	1086	1093	1102	rBB	90726	156951	17.23%	1.870%
12	9.983	1210	1216	1224	rBB	78702	141176	15.50%	1.682%
13	10.529	1302	1309	1320	rVB	127377	226422	24.86%	2.697%
14	10.911	1366	1374	1379	rBV	100467	185353	20.35%	2.208%
15	10.958	1379	1382	1389	rVB	16607	26112	2.87%	0.311%
16	11.046	1390	1397	1407	rBV	102526	184207	20.22%	2.194%
17	12.486	1637	1642	1646	rBB	1656	2652	0.29%	0.032%
18	12.556	1648	1654	1661	rBV	7053	11943	1.31%	0.142%
19	12.774	1687	1691	1696	rBB2	2963	5021	0.55%	0.060%
20	13.320	1782	1784	1788	rVB	1656	1784	0.20%	0.021%
21	13.555	1822	1824	1830	rVB	1876	2479	0.27%	0.030%
22	13.890	1877	1881	1887	rVB	988	1967	0.22%	0.023%
23	14.037	1903	1906	1911	rBV	1009	1710	0.19%	0.020%
24	14.125	1914	1921	1925	rVV	277761	396466	43.53%	4.723%
25	14.172	1925	1929	1936	rVB	73319	102718	11.28%	1.224%
26	14.419	1964	1971	1979	rBV	280010	438171	48.10%	5.220%
27	14.601	1998	2002	2005	rBV2	3712	4416	0.48%	0.053%
28	14.724	2014	2023	2030	rBV2	177945	286886	31.50%	3.417%
29	14.789	2030	2034	2039	rVB	14990	22820	2.51%	0.272%
30	14.930	2052	2058	2070	rBV	106775	175979	19.32%	2.096%
31	15.118	2085	2090	2097	rVB	10059	14813	1.63%	0.176%
32	15.212	2101	2106	2109	rBV	1270	1632	0.18%	0.019%
33	15.506	2151	2156	2158	rBV	2035	2826	0.31%	0.034%
34	15.547	2158	2163	2168	rVB	9776	11900	1.31%	0.142%

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35	15.717	2185	2192	2197	rBV	394468	601194	66.00%	7.162%
36	15.770	2197	2201	2206	rVV	14409	21394	2.35%	0.255%
37	15.829	2206	2211	2220	rVV	115792	165343	18.15%	1.970%
38	15.952	2225	2232	2236	rBV4	6454	11237	1.23%	0.134%
39	16.205	2272	2275	2282	rBV3	1814	3604	0.40%	0.043%
40	16.405	2305	2309	2320	rBV	10796	19499	2.14%	0.232%
41	16.593	2337	2341	2344	rVB	2067	2138	0.23%	0.025%
42	16.757	2364	2369	2375	rVB3	1965	3611	0.40%	0.043%
43	16.816	2375	2379	2382	rBV	1141	1528	0.17%	0.018%
44	16.945	2399	2401	2404	rBV	1780	1896	0.21%	0.023%
45	17.198	2440	2444	2449	rBV	12350	15580	1.71%	0.186%
46	17.257	2449	2454	2456	rVV2	3452	5143	0.56%	0.061%
47	17.286	2456	2459	2463	rVB	2336	3525	0.39%	0.042%
48	17.468	2483	2490	2494	rBV	239291	350815	38.51%	4.179%
49	17.509	2494	2497	2501	rVV	55558	75302	8.27%	0.897%
50	17.568	2501	2507	2516	rVB	464875	695760	76.38%	8.288%
51	17.826	2545	2551	2554	rBV4	3564	5385	0.59%	0.064%
52	17.868	2556	2558	2563	rVB2	1932	2438	0.27%	0.029%
53	17.938	2565	2570	2575	rVB3	6743	9299	1.02%	0.111%
54	18.343	2634	2639	2643	rBV3	5308	7594	0.83%	0.090%
55	18.390	2643	2647	2651	rBV3	3357	5142	0.56%	0.061%
56	18.473	2655	2661	2665	rBV2	1576	1941	0.21%	0.023%
57	18.537	2667	2672	2676	rBV3	6757	9853	1.08%	0.117%
58	18.631	2682	2688	2689	rBV	1483	1978	0.22%	0.024%
59	18.761	2705	2710	2713	rVB2	6401	7214	0.79%	0.086%
60	18.837	2720	2723	2727	rVB3	2333	3010	0.33%	0.036%
61	19.483	2829	2833	2834	rBV	5453	6231	0.68%	0.074%
62	19.513	2834	2838	2843	rVB	31643	44421	4.88%	0.529%
63	19.736	2872	2876	2878	rBV	4661	6536	0.72%	0.078%
64	19.759	2878	2880	2885	rVB	7450	7977	0.88%	0.095%
65	19.848	2888	2895	2907	rBV	602270	910879	100.00%	10.851%
66	20.018	2923	2924	2927	rBV3	1240	1519	0.17%	0.018%
67	20.047	2927	2929	2934	rVV4	1404	2237	0.25%	0.027%
68	20.294	2969	2971	2974	rBV3	1767	1856	0.20%	0.022%
69	20.324	2974	2976	2979	rVV3	1618	2066	0.23%	0.025%
70	20.365	2979	2983	2988	rVB4	4271	7074	0.78%	0.084%
71	20.459	2996	2999	3006	rVB6	3930	6139	0.67%	0.073%

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72	20.512	3006	3008	3010	rBV2	1435	1654	0.18%	0.020%
73	20.658	3031	3033	3034	rBV2	2238	1955	0.21%	0.023%
74	20.741	3040	3047	3057	rBV	165692	236483	25.96%	2.817%
75	20.846	3062	3065	3068	rVV4	6000	8612	0.95%	0.103%
76	20.888	3070	3072	3076	rVB5	3545	4596	0.50%	0.055%
77	21.363	3149	3153	3160	rBV7	11946	21644	2.38%	0.258%
78	21.552	3183	3185	3188	rVB3	3195	2838	0.31%	0.034%
79	21.581	3188	3190	3191	rBV2	2071	1859	0.20%	0.022%
80	21.740	3211	3217	3224	rBV	282567	477868	52.46%	5.692%
81	22.039	3264	3268	3269	rBV4	2933	2631	0.29%	0.031%
82	22.163	3287	3289	3292	rVB4	2785	2366	0.26%	0.028%
83	23.226	3467	3470	3476	rVB6	7535	12129	1.33%	0.144%
84	23.872	3574	3580	3585	rBV7	5907	13816	1.52%	0.165%
85	23.949	3589	3593	3594	rBV3	2508	3483	0.38%	0.041%
86	24.049	3604	3610	3615	rBV6	8389	16771	1.84%	0.200%
87	24.795	3725	3737	3754	rBV	307975	894178	98.17%	10.652%
88	25.018	3765	3775	3785	rBV2	153245	439248	48.22%	5.232%
89	25.993	3939	3941	3942	rBV2	2215	1907	0.21%	0.023%
90	26.146	3961	3967	3977	rVB9	8635	26233	2.88%	0.312%
91	27.368	4173	4175	4177	rBV3	1936	1575	0.17%	0.019%
92	27.650	4221	4223	4227	rBV5	2813	3737	0.41%	0.045%
93	28.244	4322	4324	4328	rBV5	2517	1782	0.20%	0.021%
94	30.465	4700	4702	4705	rBV4	2188	1643	0.18%	0.020%
95	30.729	4745	4747	4750	rVB4	2818	2844	0.31%	0.034%
96	30.758	4750	4752	4754	rBV3	2499	2742	0.30%	0.033%
97	31.099	4808	4810	4811	rBV2	2126	1570	0.17%	0.019%
98	31.170	4820	4822	4823	rBV2	3102	2296	0.25%	0.027%
99	31.722	4914	4916	4917	rVV2	2288	1553	0.17%	0.018%
100	31.740	4917	4919	4922	rVB2	2233	2076	0.23%	0.025%

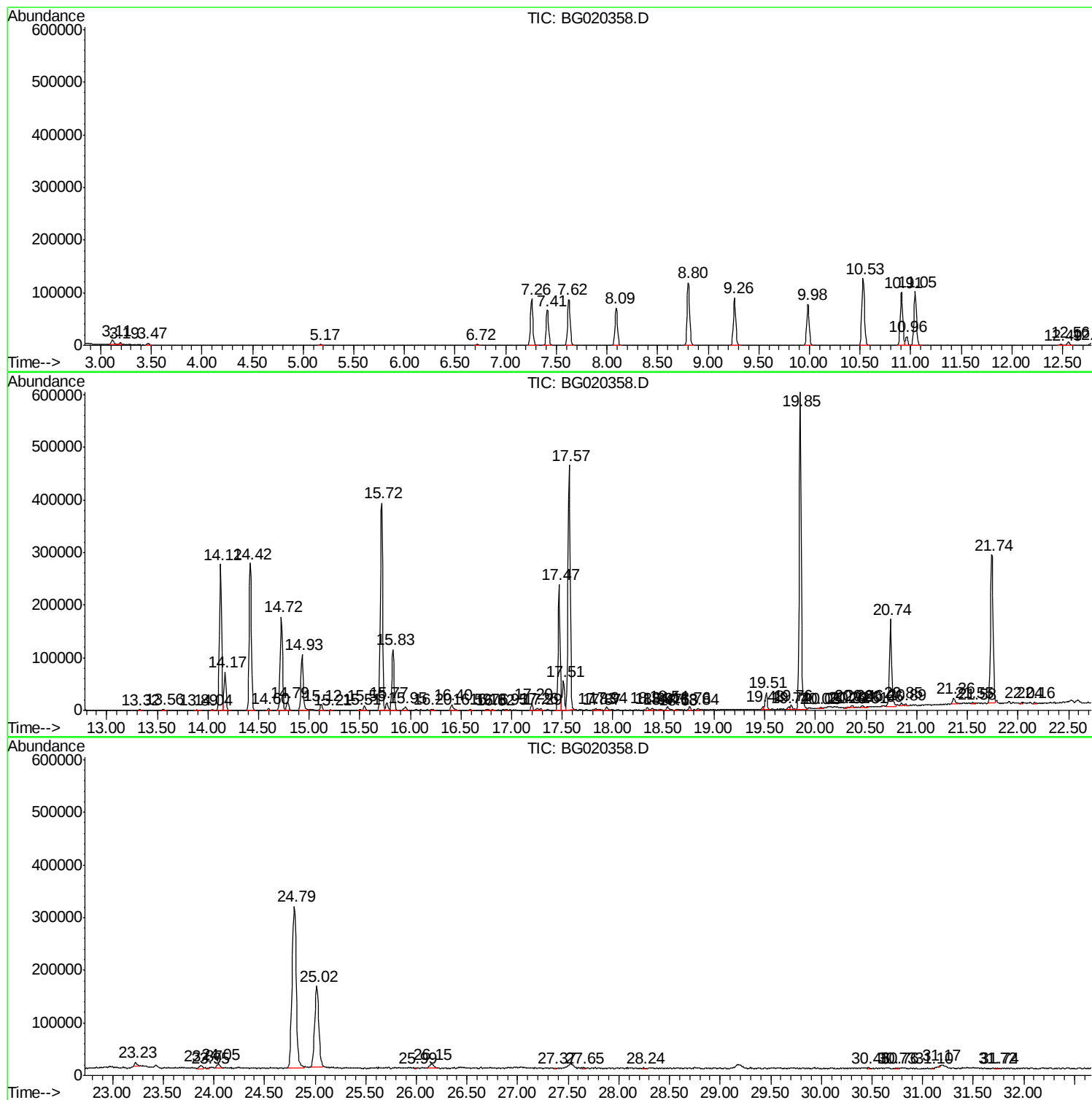
Sum of corrected areas: 8394795

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



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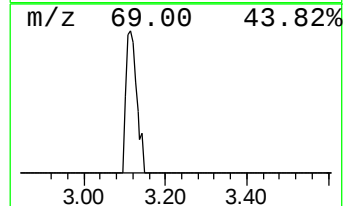
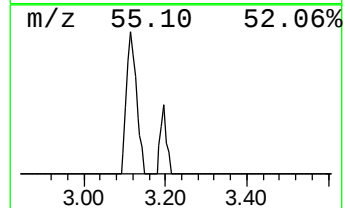
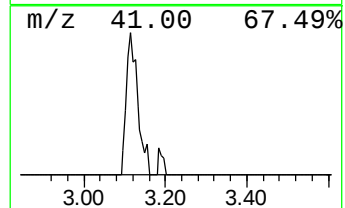
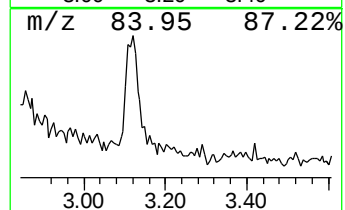
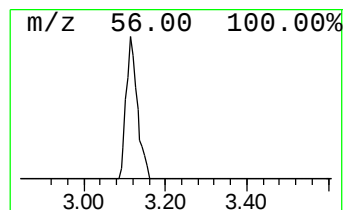
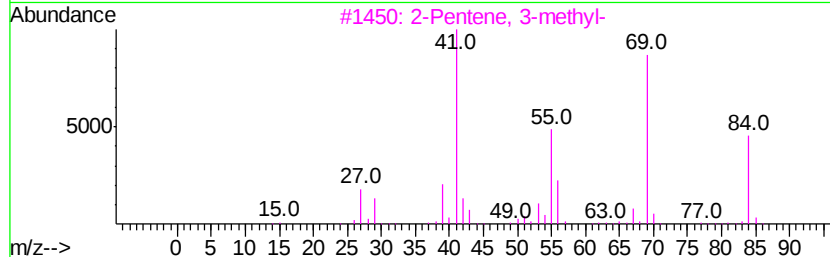
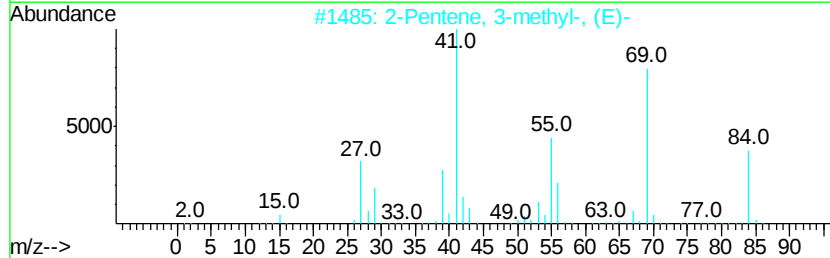
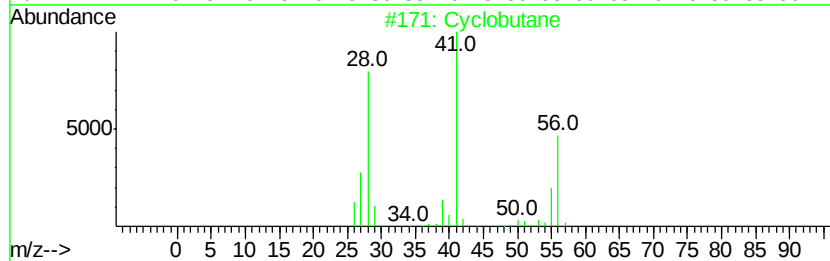
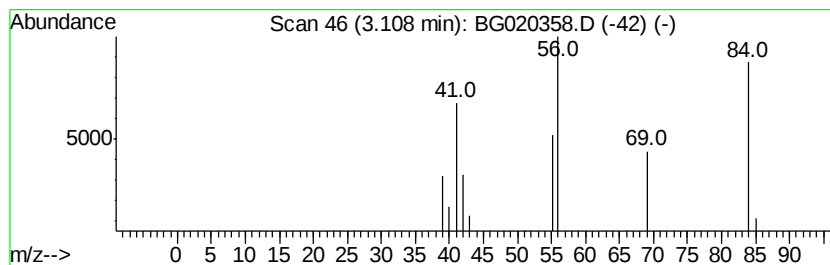
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	3.01 ng/ul	17593	1,4-Dichlorobenzene-d4	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutane	56	C4H8	000287-23-0	33
2			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	25
3			2-Pentene, 3-methyl-	84	C6H12	000922-61-2	25
4			Pentane, 3-methylene-	84	C6H12	000760-21-4	10
5			Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	9



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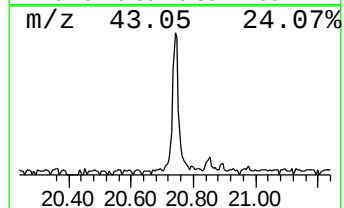
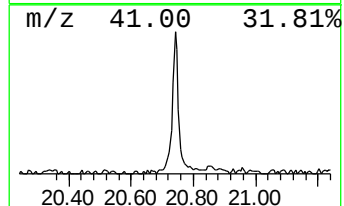
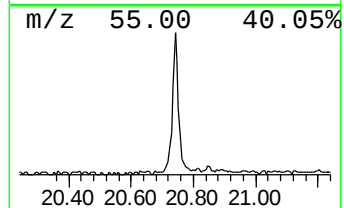
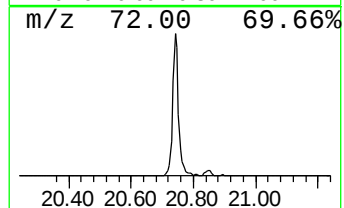
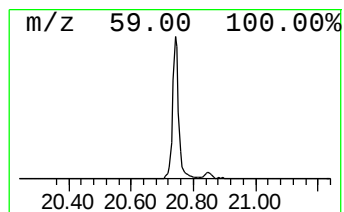
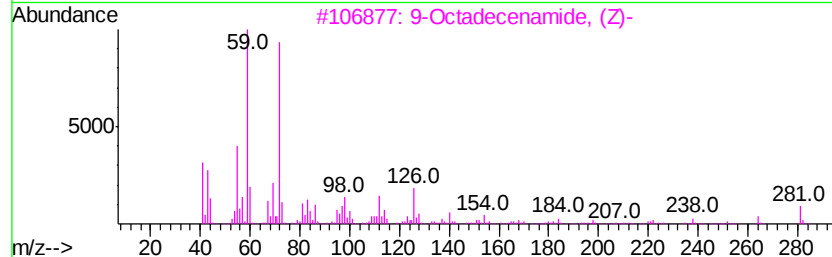
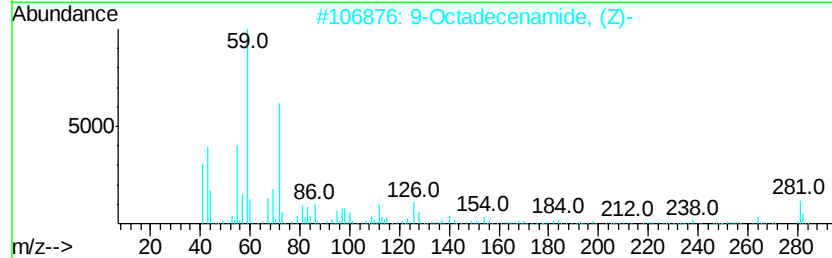
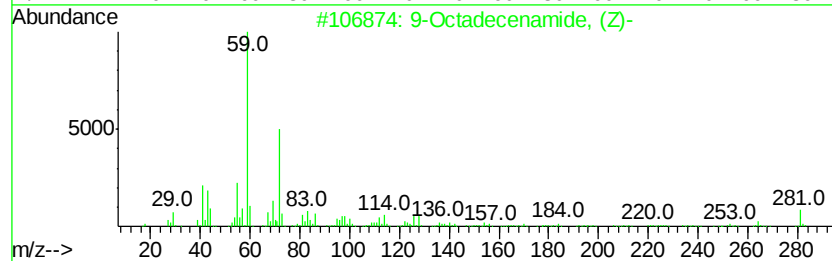
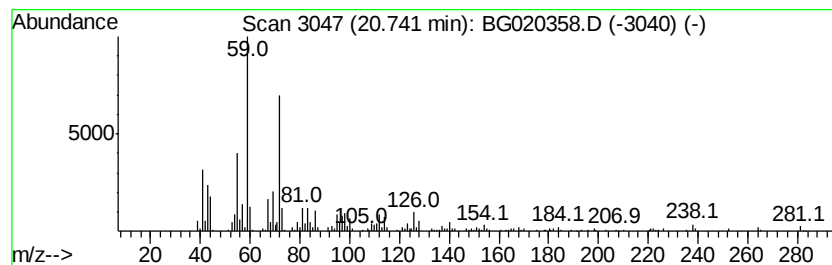
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Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	9.90 ng/ul	236483	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
5		Hexadecanamide	255	C16H33NO	000629-54-9	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.11	3.0	ng/ul	17593	1	8.09	116845	20.0
9-Octadecenamide,...	20.74	9.9	ng/ul	236483	5	21.74	477868	20.0