

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047506.D
 Acq On : 1 Dec 2020 21:10
 Operator : CG/JU
 Sample : L4793-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BA2

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	3.852	85	87	90	rBV2	2068	2839	0.42%	0.041%
2	4.152	133	138	143	rVB4	3441	6527	0.96%	0.094%
3	4.387	176	178	182	rVB	3711	3708	0.55%	0.053%
4	4.457	186	190	192	rVB	2540	2895	0.43%	0.042%
5	5.162	308	310	313	rBV	1483	1856	0.27%	0.027%
6	5.327	331	338	343	rVB5	3428	6477	0.96%	0.093%
7	5.491	364	366	370	rVB5	1804	2031	0.30%	0.029%
8	5.809	416	420	422	rBV5	2040	2038	0.30%	0.029%
9	5.926	437	440	443	rBV5	2223	2499	0.37%	0.036%
10	6.249	492	495	497	rVB5	2074	2128	0.31%	0.031%
11	6.308	504	505	511	rVB	1834	1833	0.27%	0.026%
12	6.549	544	546	549	rVB	2014	1947	0.29%	0.028%
13	6.896	602	605	607	rBV	1530	1856	0.27%	0.027%
14	7.048	629	631	635	rVB	2290	2206	0.33%	0.032%
15	7.395	682	690	702	rBV4	72928	170075	25.10%	2.449%
16	7.577	713	721	727	rBV3	41622	78820	11.63%	1.135%
17	7.789	752	757	766	rVB3	71936	126075	18.61%	1.816%
18	8.265	831	838	846	rBV	111497	203470	30.03%	2.930%
19	8.952	949	955	963	rVB3	63150	114001	16.82%	1.642%
20	9.434	1030	1037	1046	rVB	74925	139428	20.58%	2.008%
21	9.587	1058	1063	1064	rBV	2795	2447	0.36%	0.035%
22	9.751	1089	1091	1098	rVB	1722	2500	0.37%	0.036%
23	9.839	1103	1106	1111	rVB2	5443	9260	1.37%	0.133%
24	10.162	1154	1161	1168	rBV2	68337	127999	18.89%	1.843%
25	10.386	1197	1199	1202	rBV2	1855	1814	0.27%	0.026%
26	10.697	1245	1252	1262	rVB2	96191	172266	25.42%	2.481%
27	11.091	1313	1319	1328	rVB	142352	260210	38.40%	3.747%
28	11.214	1333	1340	1347	rBV2	71081	137797	20.34%	1.984%
29	12.577	1569	1572	1576	rBV2	1296	1996	0.29%	0.029%
30	12.642	1580	1583	1585	rBV2	2178	2617	0.39%	0.038%
31	12.712	1594	1595	1600	rVB2	1804	1930	0.28%	0.028%
32	13.194	1673	1677	1678	rBV2	1401	1743	0.26%	0.025%
33	13.253	1684	1687	1692	rVB3	6458	9771	1.44%	0.141%
34	13.705	1762	1764	1769	rVB2	3076	3463	0.51%	0.050%

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35	13.764	1770	1774	1782	rVV3	10945	17464	2.58%	0.251%
36	13.840	1784	1787	1788	rBV3	1722	1738	0.26%	0.025%
37	14.169	1839	1843	1844	rBV	1829	2392	0.35%	0.034%
38	14.211	1844	1850	1855	rVV2	238595	341991	50.47%	4.925%
39	14.269	1855	1860	1865	rVV	200941	309503	45.68%	4.457%
40	14.310	1865	1867	1873	rVB3	27238	35741	5.27%	0.515%
41	14.463	1889	1893	1895	rBV3	1805	2304	0.34%	0.033%
42	14.493	1895	1898	1901	rBV3	1532	2080	0.31%	0.030%
43	14.575	1905	1912	1919	rVV	185150	317496	46.86%	4.572%
44	14.716	1931	1936	1941	rBV4	9225	13389	1.98%	0.193%
45	14.757	1941	1943	1946	rBV3	4987	5390	0.80%	0.078%
46	14.798	1949	1950	1952	rBV	2362	1762	0.26%	0.025%
47	14.839	1952	1957	1958	rVV3	12353	15665	2.31%	0.226%
48	14.880	1958	1964	1970	rVV	245010	398813	58.86%	5.743%
49	14.939	1970	1974	1979	rVB5	9575	14290	2.11%	0.206%
50	15.033	1984	1990	1997	rBV	93597	151211	22.32%	2.178%
51	15.121	2000	2005	2011	rVB5	20322	34100	5.03%	0.491%
52	15.192	2013	2017	2024	rVB5	9211	19182	2.83%	0.276%
53	15.245	2024	2026	2027	rBV5	2598	2353	0.35%	0.034%
54	15.268	2028	2030	2033	rVB	5406	5345	0.79%	0.077%
55	15.486	2066	2067	2071	rVB	2223	2253	0.33%	0.032%
56	15.591	2082	2085	2088	rVB	1646	2377	0.35%	0.034%
57	15.638	2092	2093	2095	rBV2	2121	1970	0.29%	0.028%
58	15.756	2110	2113	2118	rVB3	6273	7837	1.16%	0.113%
59	15.809	2120	2122	2125	rBV3	2336	1936	0.29%	0.028%
60	15.862	2125	2131	2138	rBV2	261858	407171	60.09%	5.864%
61	15.961	2143	2148	2157	rVB2	92672	140512	20.74%	2.023%
62	16.197	2184	2188	2193	rBV5	8111	10484	1.55%	0.151%
63	16.244	2193	2196	2199	rVV4	6785	9206	1.36%	0.133%
64	16.332	2202	2211	2217	rBV6	28090	53225	7.85%	0.766%
65	16.426	2223	2227	2233	rVB3	9354	15028	2.22%	0.216%
66	16.614	2257	2259	2262	rBV	2148	3140	0.46%	0.045%
67	16.637	2262	2263	2267	rVB	3340	2670	0.39%	0.038%
68	16.837	2293	2297	2300	rBV4	6804	7637	1.13%	0.110%
69	16.890	2303	2306	2310	rBV4	2783	3646	0.54%	0.053%
70	16.960	2315	2318	2319	rBV	2253	1800	0.27%	0.026%
71	17.072	2335	2337	2341	rVB	2671	2391	0.35%	0.034%

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72	17.137	2343	2348	2354	rVB3	10914	17649	2.60%	0.254%
73	17.242	2364	2366	2369	rBV2	2609	2737	0.40%	0.039%
74	17.266	2369	2370	2373	rVB	4962	2783	0.41%	0.040%
75	17.295	2373	2375	2378	rBV	3010	3439	0.51%	0.050%
76	17.395	2391	2392	2395	rVB	6190	3477	0.51%	0.050%
77	17.419	2395	2396	2398	rBV	3048	2465	0.36%	0.035%
78	17.613	2423	2429	2434	rBV	357836	552064	81.47%	7.950%
79	17.712	2440	2446	2457	rVB	294675	472587	69.74%	6.806%
80	17.801	2459	2461	2463	rBV	2934	2851	0.42%	0.041%
81	17.971	2488	2490	2494	rBV2	3646	4928	0.73%	0.071%
82	18.141	2517	2519	2520	rBV2	3506	1833	0.27%	0.026%
83	18.265	2536	2540	2543	rBV	2778	3206	0.47%	0.046%
84	18.470	2574	2575	2576	rBV	3192	1858	0.27%	0.027%
85	18.529	2583	2585	2592	rVB4	6539	9132	1.35%	0.132%
86	19.246	2703	2707	2709	rBV4	9240	9095	1.34%	0.131%
87	19.369	2726	2728	2736	rVB7	7939	15413	2.27%	0.222%
88	19.610	2767	2769	2771	rBV3	4498	4522	0.67%	0.065%
89	19.640	2771	2774	2782	rVB2	36341	55195	8.15%	0.795%
90	19.974	2826	2831	2841	rVB	443217	677605	100.00%	9.758%
91	21.326	3056	3061	3066	rVB	347203	476981	70.39%	6.869%
92	21.896	3151	3158	3164	rBV	355069	650264	95.97%	9.364%

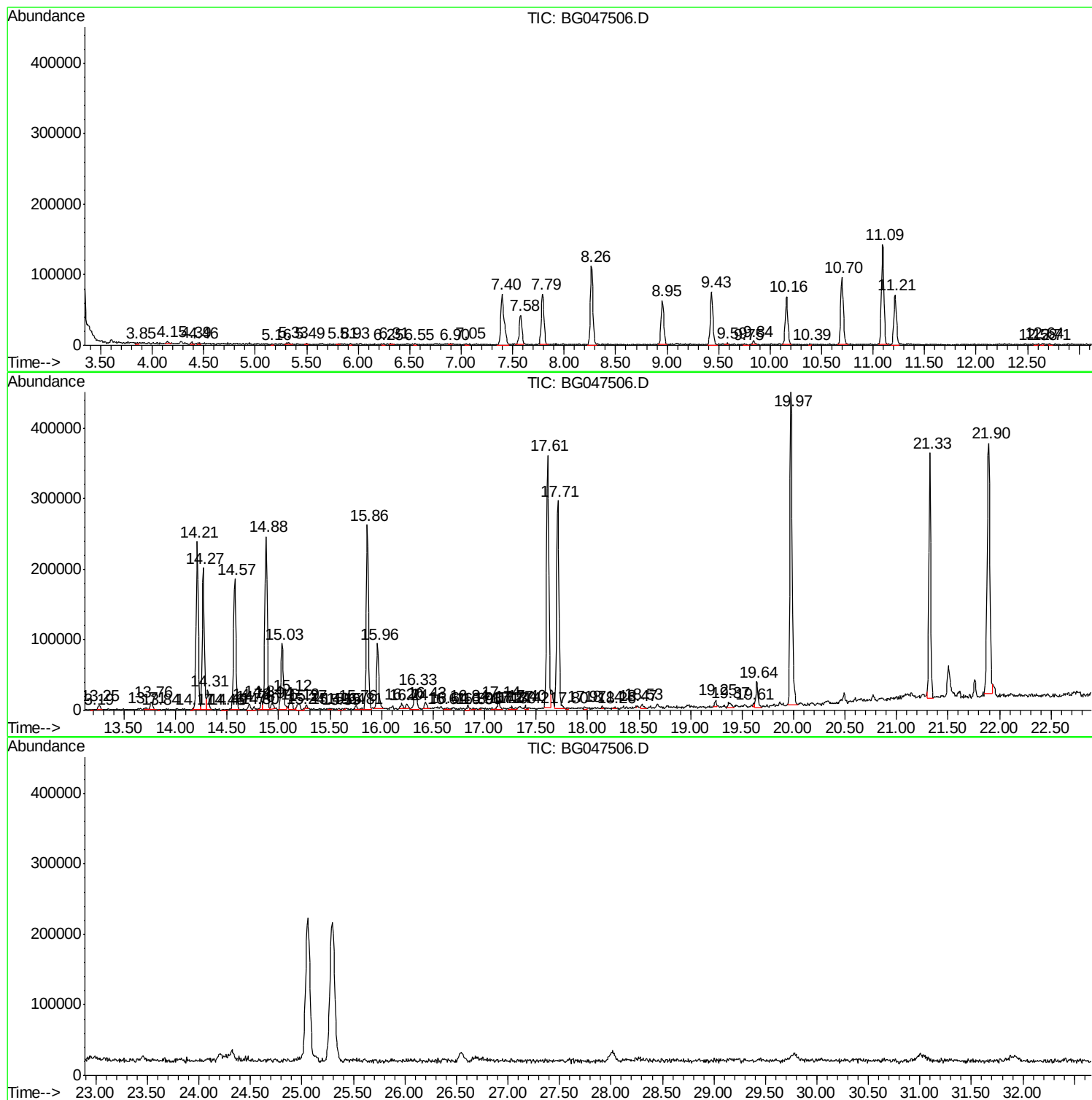
Sum of corrected areas: 6944098

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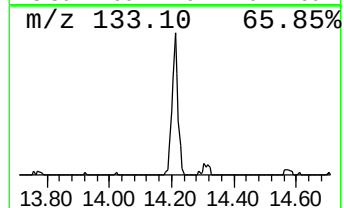
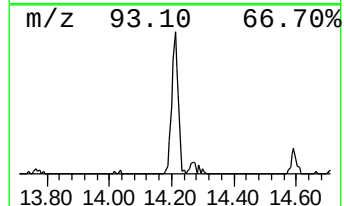
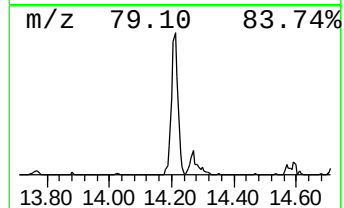
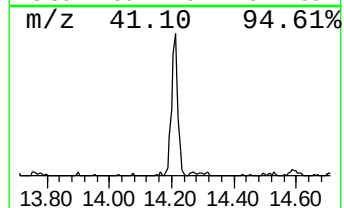
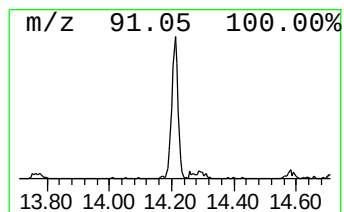
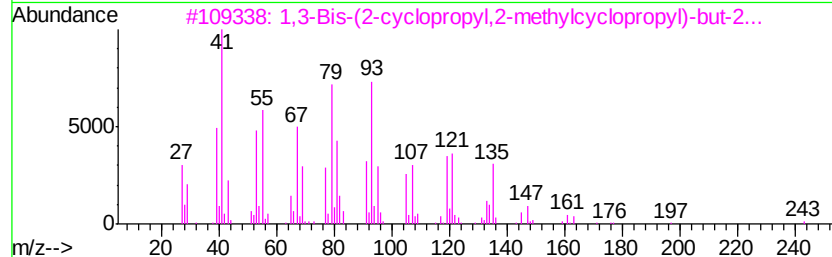
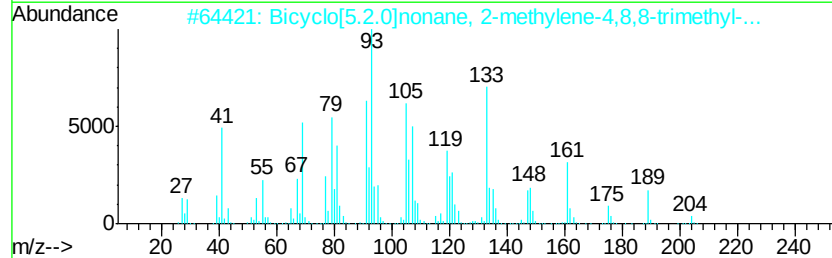
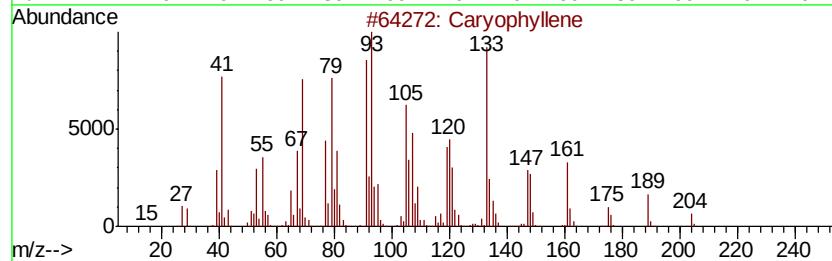
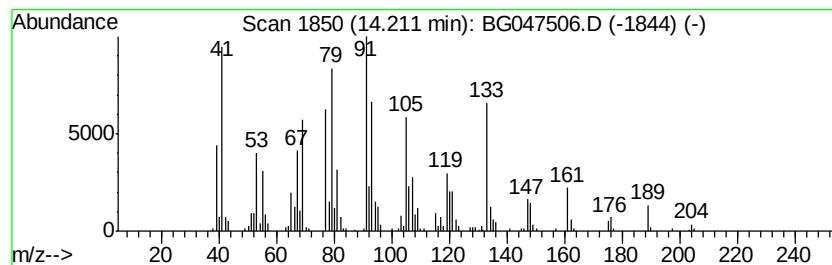
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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	17.15 ng/ul	341991	Acenaphthene-d10	14.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene	204 C15H24	000087-44-5 89
2		Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9 86
3		1,3-Bis-(2-cyclopropyl,2-methylc...	258 C18H26O	1000222-08-6 64
4		6,6-Dimethyl-2-vinylidenebicyclo...	148 C11H16	039021-75-5 52
5		1,3,6,10-Dodecatetraene, 3,7,11-...	204 C15H24	026560-14-5 52



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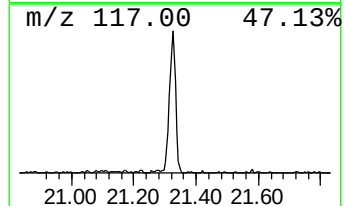
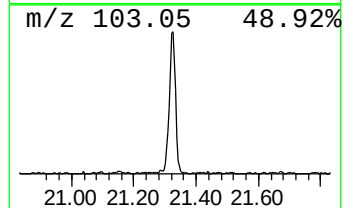
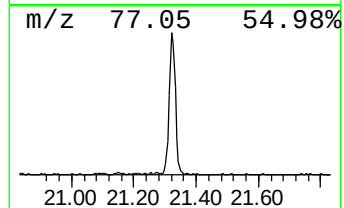
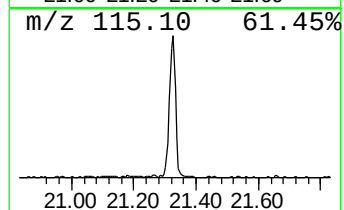
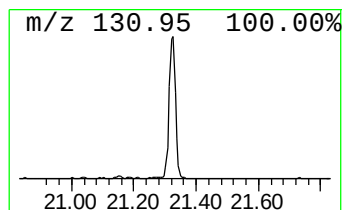
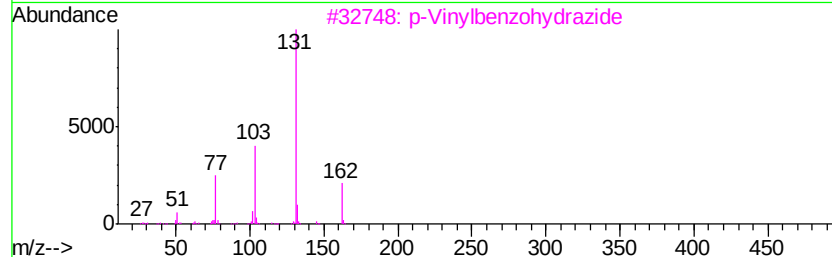
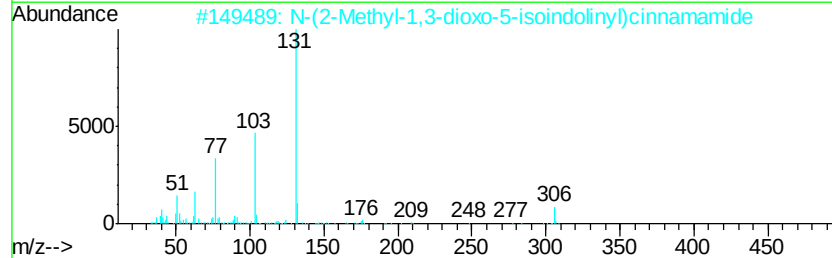
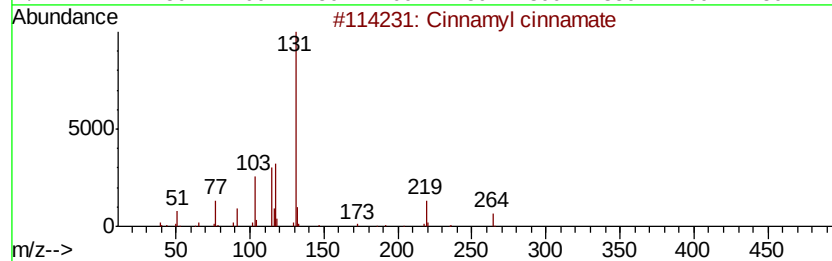
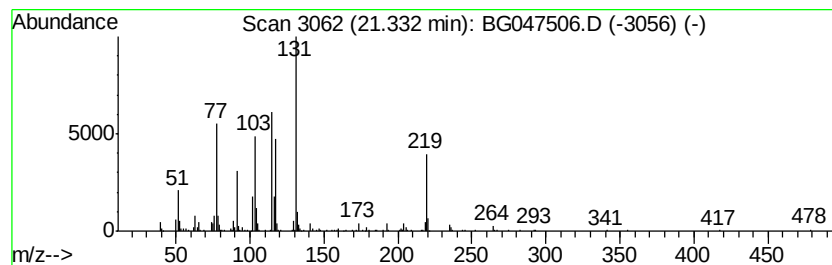
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	14.67 ng/ul	476981	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
2		N-(2-Methyl-1,3-dioxo-5-isoindol...	306	C18H14N2O3	1000224-44-2	47
3		p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	47
4		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
5		3-Phenyl-N-m-tolyl-acrylamide	237	C16H15NO	1000296-12-9	47



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Caryophyllene	14.21	17.1	ng/ul	341991	3	14.87	398813	20.0
Cinnamyl cinnamate	21.33	14.7	ng/ul	476981	5	21.90	650264	20.0