

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019533.D
 Acq On : 9 Nov 2015 15:15
 Operator : UM/NP
 Sample : G4245-15DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY50DL

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-BG102815.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	3.115	43	47	57	rVB3	16898	29461	2.73%	0.495%
2	3.197	57	61	65	rBV2	15027	21455	1.99%	0.360%
3	4.578	292	296	299	rVB2	1863	2425	0.22%	0.041%
4	4.607	299	301	304	rBV2	1870	2103	0.19%	0.035%
5	6.146	560	563	568	rVB3	2224	3972	0.37%	0.067%
6	6.211	568	574	575	rBV2	1445	2832	0.26%	0.048%
7	6.646	642	648	650	rBV4	1562	2585	0.24%	0.043%
8	6.957	699	701	704	rBV	1954	2027	0.19%	0.034%
9	7.004	707	709	712	rVB2	2284	2116	0.20%	0.036%
10	7.492	786	792	798	rBV2	5705	8435	0.78%	0.142%
11	7.692	823	826	829	rBV3	4428	6050	0.56%	0.102%
12	7.880	857	858	863	rBV3	2305	3857	0.36%	0.065%
13	8.173	901	908	915	rVB	127094	219775	20.36%	3.691%
14	8.285	923	927	932	rBV2	2141	3985	0.37%	0.067%
15	8.550	967	972	979	rVB3	13804	23639	2.19%	0.397%
16	8.720	997	1001	1005	rVB2	6974	9817	0.91%	0.165%
17	8.879	1023	1028	1029	rBV	3712	4566	0.42%	0.077%
18	9.349	1103	1108	1117	rVB5	8070	21224	1.97%	0.356%
19	9.548	1135	1142	1146	rBV4	6060	11468	1.06%	0.193%
20	9.666	1154	1162	1168	rBV5	7477	15847	1.47%	0.266%
21	10.077	1227	1232	1235	rBV3	6221	10257	0.95%	0.172%
22	10.177	1245	1249	1253	rVB	1461	2072	0.19%	0.035%
23	10.242	1257	1260	1265	rVB2	3000	5003	0.46%	0.084%
24	10.383	1279	1284	1285	rBV2	4402	5795	0.54%	0.097%
25	10.394	1285	1286	1291	rVV3	6490	6134	0.57%	0.103%
26	10.618	1317	1324	1330	rVB4	8430	16260	1.51%	0.273%
27	11.000	1382	1389	1393	rBV	176314	314448	29.13%	5.281%
28	11.052	1393	1398	1406	rVV	313490	557895	51.69%	9.370%
29	11.176	1410	1419	1426	rVB	47185	90778	8.41%	1.525%
30	11.575	1484	1487	1491	rBV	1477	2309	0.21%	0.039%
31	11.899	1538	1542	1545	rBV	2098	3904	0.36%	0.066%
32	12.098	1571	1576	1577	rBV2	4081	4410	0.41%	0.074%
33	12.551	1647	1653	1656	rBV3	4903	8831	0.82%	0.148%
34	12.692	1672	1677	1678	rBV	2160	2924	0.27%	0.049%

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35	12.862	1699	1706	1712	rVB	62930	98172	9.10%	1.649%
36	13.273	1773	1776	1779	rBV	1741	2050	0.19%	0.034%
37	13.644	1833	1839	1844	rBV	26506	42418	3.93%	0.712%
38	13.837	1870	1872	1877	rVB3	2915	3558	0.33%	0.060%
39	13.943	1885	1890	1891	rBV2	2814	4069	0.38%	0.068%
40	13.973	1891	1895	1904	rVB4	11528	21982	2.04%	0.369%
41	14.125	1916	1921	1927	rBV4	11456	20352	1.89%	0.342%
42	14.202	1927	1934	1938	rVB2	22512	33462	3.10%	0.562%
43	14.360	1957	1961	1965	rBV5	5555	9019	0.84%	0.151%
44	14.396	1965	1967	1970	rVB2	3084	2959	0.27%	0.050%
45	14.501	1980	1985	1993	rVB3	18481	31351	2.90%	0.527%
46	14.807	2028	2037	2043	rBV2	310854	516564	47.86%	8.676%
47	14.866	2043	2047	2053	rVV	70698	107811	9.99%	1.811%
48	14.930	2055	2058	2062	rVB	6101	7499	0.69%	0.126%
49	15.007	2067	2071	2073	rBV2	2508	2988	0.28%	0.050%
50	15.048	2077	2078	2082	rBV	1840	2276	0.21%	0.038%
51	15.107	2085	2088	2089	rBV2	1948	2054	0.19%	0.034%
52	15.201	2098	2104	2112	rVB	67533	100071	9.27%	1.681%
53	15.512	2154	2157	2163	rBV	1369	2752	0.25%	0.046%
54	15.788	2199	2204	2209	rBV	31368	46039	4.27%	0.773%
55	15.847	2209	2214	2220	rVB2	36935	55187	5.11%	0.927%
56	15.900	2220	2223	2225	rBV2	2295	2825	0.26%	0.047%
57	16.011	2237	2242	2245	rVB3	3050	4446	0.41%	0.075%
58	16.135	2259	2263	2268	rVB2	6198	8667	0.80%	0.146%
59	16.276	2284	2287	2294	rVB3	3922	8348	0.77%	0.140%
60	16.528	2328	2330	2334	rVB2	2638	2925	0.27%	0.049%
61	16.617	2342	2345	2346	rBV	2471	2250	0.21%	0.038%
62	16.822	2376	2380	2381	rVV3	2255	2111	0.20%	0.035%
63	16.998	2405	2410	2412	rBV2	2967	3867	0.36%	0.065%
64	17.081	2420	2424	2426	rBV	1883	2182	0.20%	0.037%
65	17.128	2430	2432	2436	rVB2	1984	2187	0.20%	0.037%
66	17.333	2465	2467	2470	rVV2	3113	4569	0.42%	0.077%
67	17.369	2470	2473	2476	rVV3	6245	8038	0.74%	0.135%
68	17.545	2495	2503	2508	rBV	514481	781738	72.43%	13.130%
69	17.586	2508	2510	2515	rVV	67620	89866	8.33%	1.509%
70	17.645	2515	2520	2525	rVV2	40810	59429	5.51%	0.998%
71	17.680	2525	2526	2533	rVB2	6784	5593	0.52%	0.094%

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72	17.745	2533	2537	2540	rBV3	3143	3911	0.36%	0.066%
73	17.944	2564	2571	2578	rVB	57415	88760	8.22%	1.491%
74	18.009	2578	2582	2584	rBV2	2342	3151	0.29%	0.053%
75	18.097	2595	2597	2600	rBV3	2187	2302	0.21%	0.039%
76	18.332	2636	2637	2641	rVB4	1918	2359	0.22%	0.040%
77	18.379	2641	2645	2648	rVB4	2421	3559	0.33%	0.060%
78	18.420	2648	2652	2654	rBV2	4037	4610	0.43%	0.077%
79	18.461	2654	2659	2665	rVB4	9753	14197	1.32%	0.238%
80	18.614	2682	2685	2690	rVB2	5626	7170	0.66%	0.120%
81	18.702	2697	2700	2702	rBV3	3052	4441	0.41%	0.075%
82	18.749	2705	2708	2713	rVB4	4152	6652	0.62%	0.112%
83	18.884	2729	2731	2733	rBV2	2444	2194	0.20%	0.037%
84	18.926	2737	2738	2741	rVB2	3382	2479	0.23%	0.042%
85	19.008	2750	2752	2755	rBV2	1452	2059	0.19%	0.035%
86	19.225	2786	2789	2791	rBV2	3969	3924	0.36%	0.066%
87	19.255	2792	2794	2799	rVB4	2719	3880	0.36%	0.065%
88	19.296	2799	2801	2805	rBV3	2243	3030	0.28%	0.051%
89	19.413	2818	2821	2822	rBV3	2465	2668	0.25%	0.045%
90	19.590	2847	2851	2856	rVB4	11676	17550	1.63%	0.295%
91	19.736	2873	2876	2878	rBV3	3342	3536	0.33%	0.059%
92	19.819	2888	2890	2892	rVB3	5046	3330	0.31%	0.056%
93	19.919	2902	2907	2915	rBV3	47466	85971	7.97%	1.444%
94	20.159	2946	2948	2950	rBV3	3246	2302	0.21%	0.039%
95	20.318	2971	2975	2980	rBV6	6517	8567	0.79%	0.144%
96	20.371	2980	2984	2988	rBV4	8093	14915	1.38%	0.251%
97	20.812	3057	3059	3060	rBV2	3935	2104	0.19%	0.035%
98	21.828	3225	3232	3238	rBV	648435	1079334	100.00%	18.128%
99	24.637	3709	3710	3712	rBV2	7224	4552	0.42%	0.076%
100	25.177	3791	3802	3814	rVB3	353678	1040141	96.37%	17.470%

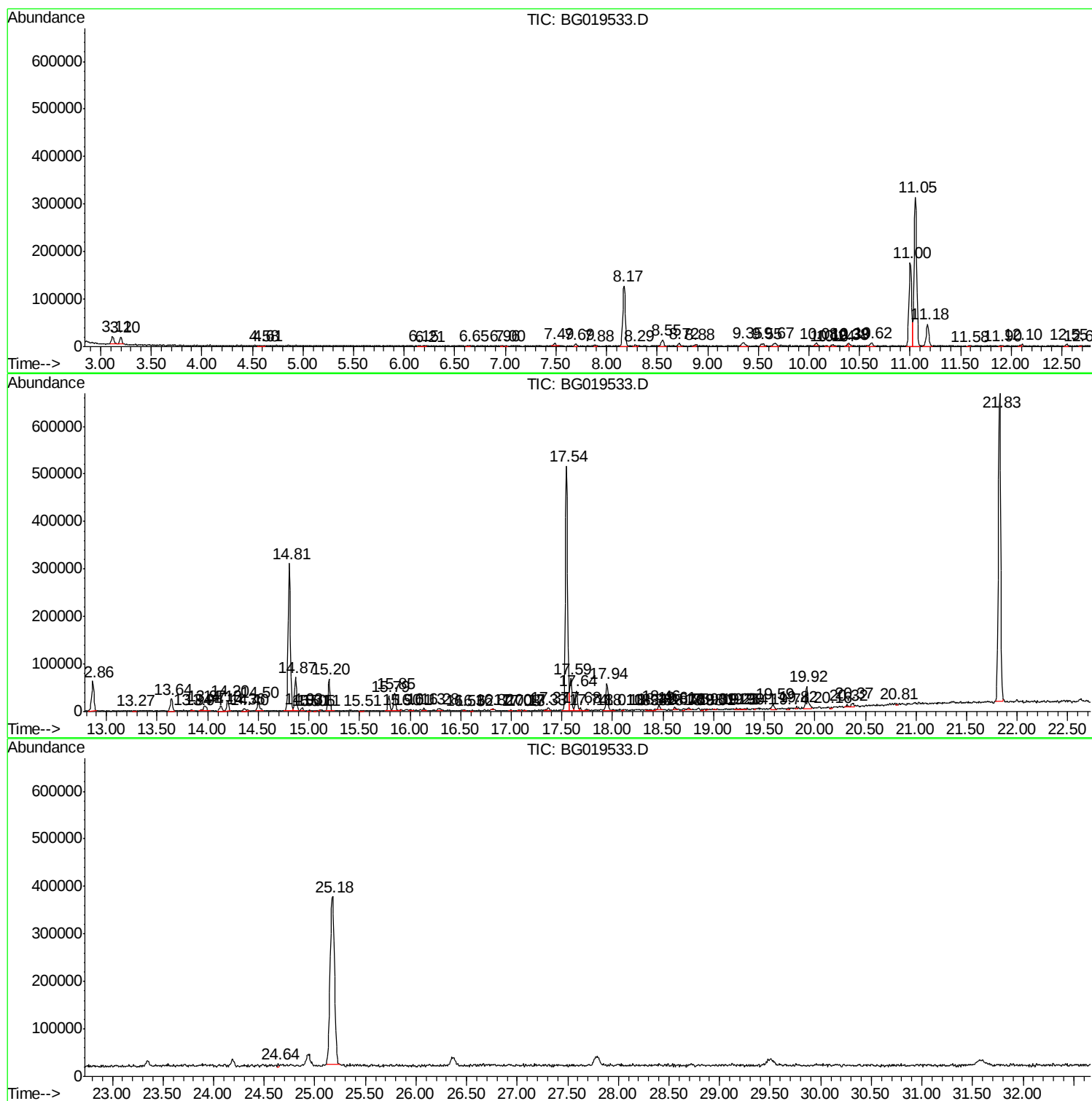
Sum of corrected areas: 5953981

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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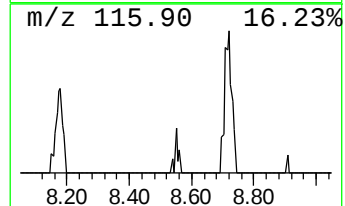
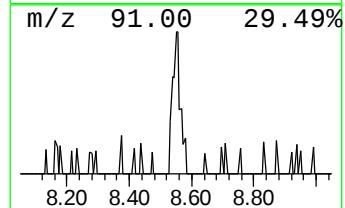
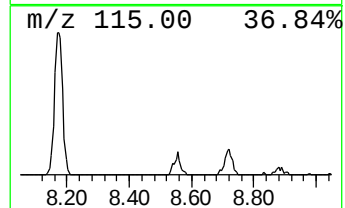
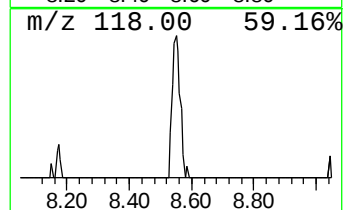
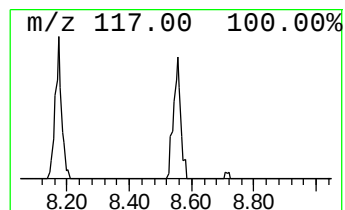
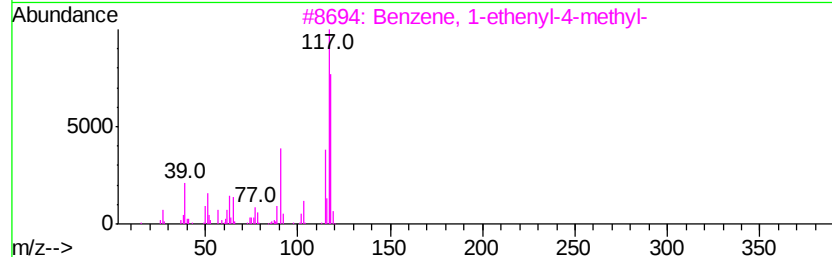
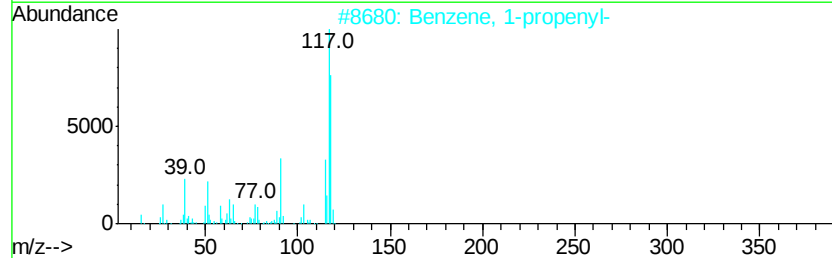
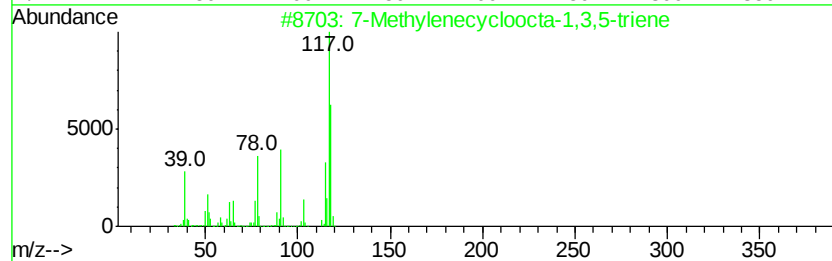
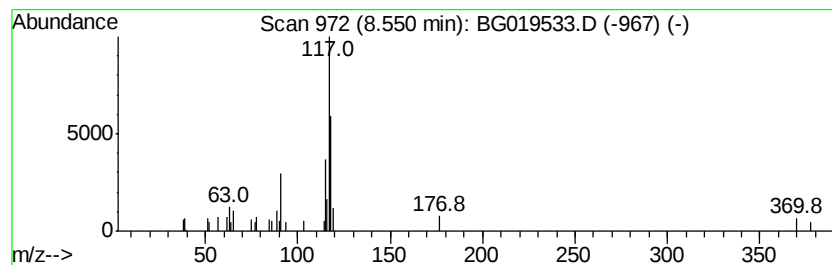
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 7-Methylenecycloocta-1,3,5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	2.15 ng/ul	23639	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	68
2			Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
3			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
4			Indane	118	C9H10	000496-11-7	64
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64



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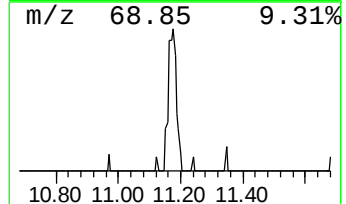
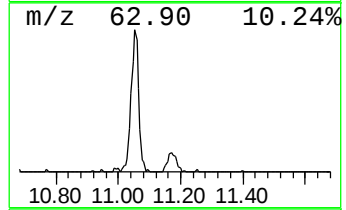
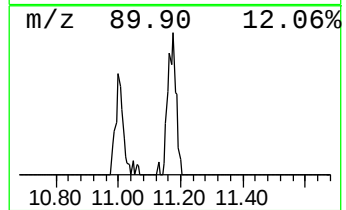
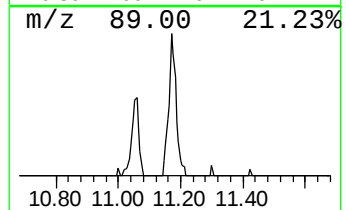
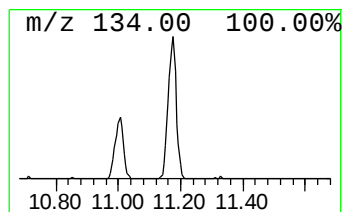
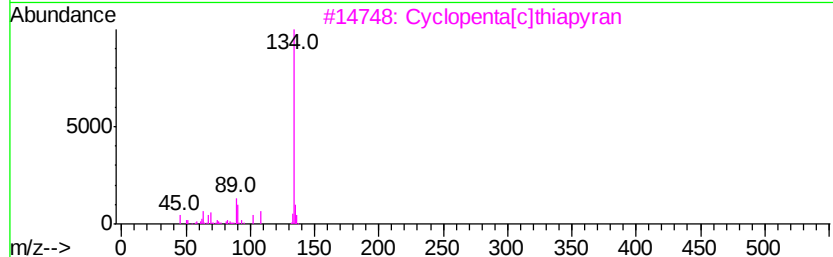
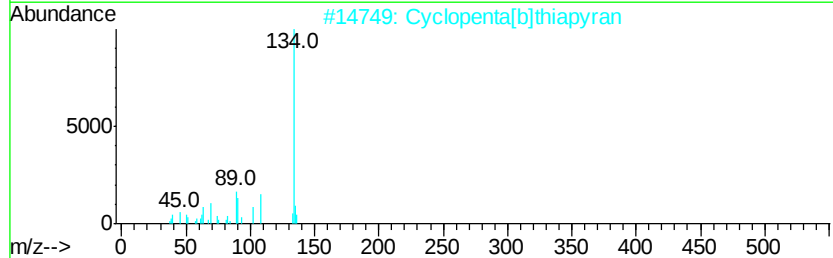
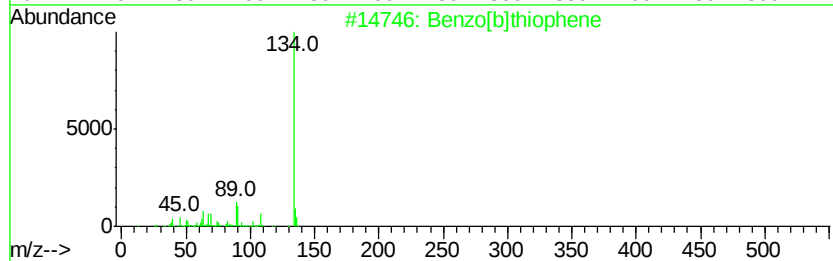
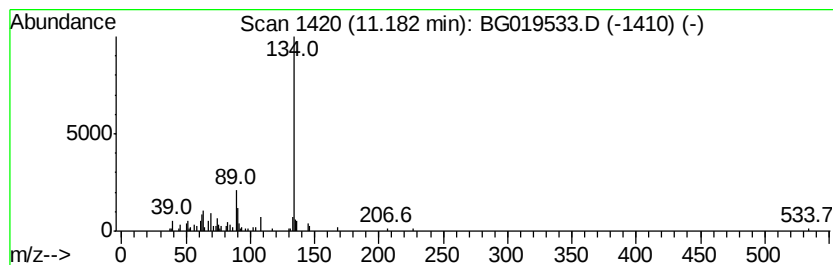
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[b]thiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	5.77 ng/ul	90778	Naphthalene-d8	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2		Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	90
3		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	87
5		2-Benzothiophene #	134	C8H6S	000270-82-6	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7-Methylenecycloo...	8.55	2.1	ng/ul	23639	1	8.17	219775	20.0
Benzo[b]thiophene	11.18	5.8	ng/ul	90778	2	11.00	314448	20.0