

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019538.D
 Acq On : 9 Nov 2015 18:26
 Operator : UM/NP
 Sample : G4245-16DL2 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY51DL2

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	4.588	296	298	301	rVB3	1985	1882	0.17%	0.035%
2	4.641	306	307	310	rBV	1967	2250	0.21%	0.042%
3	4.846	340	342	345	rVB3	2220	1999	0.19%	0.037%
4	5.311	419	421	424	rBV3	1782	1766	0.16%	0.033%
5	5.675	481	483	485	rBV2	1596	1700	0.16%	0.032%
6	5.998	534	538	542	rBV3	1655	3582	0.33%	0.066%
7	6.145	560	563	569	rBV4	3363	4695	0.44%	0.087%
8	6.251	576	581	582	rBV2	1491	1862	0.17%	0.035%
9	6.333	591	595	597	rBV3	1407	1829	0.17%	0.034%
10	6.638	644	647	649	rVB3	2198	1819	0.17%	0.034%
11	6.762	665	668	670	rBV2	2618	2653	0.25%	0.049%
12	7.014	709	711	715	rVB2	1790	2060	0.19%	0.038%
13	7.238	745	749	752	rBV	1659	1977	0.18%	0.037%
14	7.279	754	756	759	rBV2	1496	1801	0.17%	0.033%
15	7.379	769	773	777	rVB4	2824	5310	0.49%	0.098%
16	7.485	788	791	794	rBV	2551	3206	0.30%	0.059%
17	7.814	842	847	852	rVB3	7444	11947	1.11%	0.222%
18	8.172	901	908	915	rBV	113684	192108	17.83%	3.563%
19	8.460	955	957	963	rVB	1565	2964	0.28%	0.055%
20	8.554	966	973	981	rBV2	22754	40067	3.72%	0.743%
21	8.718	995	1001	1006	rBV3	7360	13204	1.23%	0.245%
22	8.865	1025	1026	1030	rVB3	1841	2054	0.19%	0.038%
23	9.030	1053	1054	1062	rVB3	1269	2522	0.23%	0.047%
24	9.288	1093	1098	1101	rBV2	2764	4163	0.39%	0.077%
25	9.359	1101	1110	1111	rBV2	2421	5669	0.53%	0.105%
26	9.541	1138	1141	1146	rVB2	3301	4268	0.40%	0.079%
27	9.635	1154	1157	1158	rBV	2244	2546	0.24%	0.047%
28	9.658	1158	1161	1162	rBV2	3055	3159	0.29%	0.059%
29	10.064	1227	1230	1232	rBV2	2573	2147	0.20%	0.040%
30	10.240	1254	1260	1264	rBV5	2842	6383	0.59%	0.118%
31	10.393	1281	1286	1290	rBV4	5475	9939	0.92%	0.184%
32	10.616	1318	1324	1326	rBV4	1949	2904	0.27%	0.054%
33	10.822	1356	1359	1361	rBV2	1623	1787	0.17%	0.033%
34	11.004	1383	1390	1394	rBV2	159418	293861	27.27%	5.451%

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35	11.057	1394	1399	1406	rVB	358604	643083	59.68%	11.929%
36	11.174	1413	1419	1427	rVB2	24521	46790	4.34%	0.868%
37	11.656	1499	1501	1505	rVB2	1230	1778	0.17%	0.033%
38	12.020	1556	1563	1564	rBV	1425	1903	0.18%	0.035%
39	12.179	1588	1590	1594	rBV3	1950	2661	0.25%	0.049%
40	12.420	1627	1631	1632	rBV	1481	1977	0.18%	0.037%
41	12.543	1649	1652	1659	rVB3	3057	4762	0.44%	0.088%
42	12.649	1665	1670	1677	rVB	23471	37379	3.47%	0.693%
43	12.866	1698	1707	1712	rVB	48541	81410	7.56%	1.510%
44	13.589	1826	1830	1833	rVB	2359	2778	0.26%	0.052%
45	13.642	1833	1839	1846	rBV2	17050	27655	2.57%	0.513%
46	13.836	1869	1872	1874	rBV	2666	1781	0.17%	0.033%
47	13.865	1874	1877	1879	rVB3	2180	2319	0.22%	0.043%
48	13.901	1879	1883	1884	rBV3	1905	1924	0.18%	0.036%
49	13.965	1891	1894	1895	rBV2	4682	4549	0.42%	0.084%
50	14.124	1915	1921	1927	rVV4	9999	17607	1.63%	0.327%
51	14.194	1927	1933	1937	rVB3	6686	12593	1.17%	0.234%
52	14.288	1947	1949	1952	rVB	1723	2096	0.19%	0.039%
53	14.324	1952	1955	1956	rBV2	2149	1864	0.17%	0.035%
54	14.359	1959	1961	1965	rVV3	3596	5331	0.49%	0.099%
55	14.406	1965	1969	1971	rVB3	2593	2554	0.24%	0.047%
56	14.500	1980	1985	1987	rBV3	5635	7165	0.66%	0.133%
57	14.705	2019	2020	2026	rVB2	1583	2352	0.22%	0.044%
58	14.805	2026	2037	2043	rBV2	296699	488877	45.37%	9.068%
59	14.870	2043	2048	2055	rVB2	53345	84134	7.81%	1.561%
60	14.929	2055	2058	2064	rBV	4172	6902	0.64%	0.128%
61	15.199	2099	2104	2110	rBV	47497	70511	6.54%	1.308%
62	15.275	2113	2117	2118	rVB3	1560	1857	0.17%	0.034%
63	15.416	2139	2141	2145	rVB	1826	2563	0.24%	0.048%
64	15.792	2201	2205	2209	rBV3	9775	11888	1.10%	0.221%
65	15.845	2209	2214	2221	rVB	42485	59697	5.54%	1.107%
66	16.010	2239	2242	2245	rVB3	2938	3415	0.32%	0.063%
67	16.139	2261	2264	2270	rVB4	4179	8257	0.77%	0.153%
68	16.274	2283	2287	2288	rBV	3453	3870	0.36%	0.072%
69	16.509	2325	2327	2332	rVB2	1716	2529	0.23%	0.047%
70	17.056	2419	2420	2423	rVB2	2048	1721	0.16%	0.032%
71	17.091	2423	2426	2429	rBV2	2035	3044	0.28%	0.056%

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72	17.367	2471	2473	2476	rVB3	4597	4699	0.44%	0.087%
73	17.543	2497	2503	2508	rVV2	484416	741672	68.83%	13.757%
74	17.590	2508	2511	2517	rVB	55899	73717	6.84%	1.367%
75	17.643	2517	2520	2524	rBV2	7514	10709	0.99%	0.199%
76	17.943	2567	2571	2579	rVB2	51858	74342	6.90%	1.379%
77	18.019	2583	2584	2587	rBV2	2156	1798	0.17%	0.033%
78	18.237	2620	2621	2626	rVB2	2458	2506	0.23%	0.046%
79	18.419	2649	2652	2656	rBV	3528	5262	0.49%	0.098%
80	18.460	2656	2659	2666	rVB4	9643	15665	1.45%	0.291%
81	18.595	2679	2682	2683	rBV3	2758	2972	0.28%	0.055%
82	18.607	2683	2684	2691	rVB4	3455	4937	0.46%	0.092%
83	18.718	2700	2703	2706	rVB5	2755	2885	0.27%	0.054%
84	18.812	2717	2719	2720	rBV2	2285	1960	0.18%	0.036%
85	18.848	2722	2725	2731	rVB3	6543	8637	0.80%	0.160%
86	18.889	2731	2732	2734	rBV2	2127	2003	0.19%	0.037%
87	19.000	2749	2751	2754	rVB3	2485	2120	0.20%	0.039%
88	19.130	2769	2773	2774	rBV2	2987	3605	0.33%	0.067%
89	19.553	2841	2845	2846	rBV3	2358	2976	0.28%	0.055%
90	19.641	2858	2860	2861	rBV2	2501	2103	0.20%	0.039%
91	19.735	2874	2876	2880	rBV2	1734	2722	0.25%	0.050%
92	19.923	2903	2908	2915	rBV4	11422	25413	2.36%	0.471%
93	20.011	2921	2923	2925	rVB2	2606	2299	0.21%	0.043%
94	20.035	2925	2927	2928	rBV	3038	1992	0.18%	0.037%
95	20.205	2953	2956	2957	rBV2	3179	3428	0.32%	0.064%
96	20.299	2970	2972	2974	rBV3	3451	4031	0.37%	0.075%
97	20.369	2978	2984	2987	rBV7	7924	14841	1.38%	0.275%
98	21.827	3225	3232	3242	rBV	624730	1077513	100.00%	19.987%
99	24.641	3709	3711	3712	rBV2	5376	2644	0.25%	0.049%
100	25.176	3791	3802	3812	rVB2	349312	985958	91.50%	18.289%

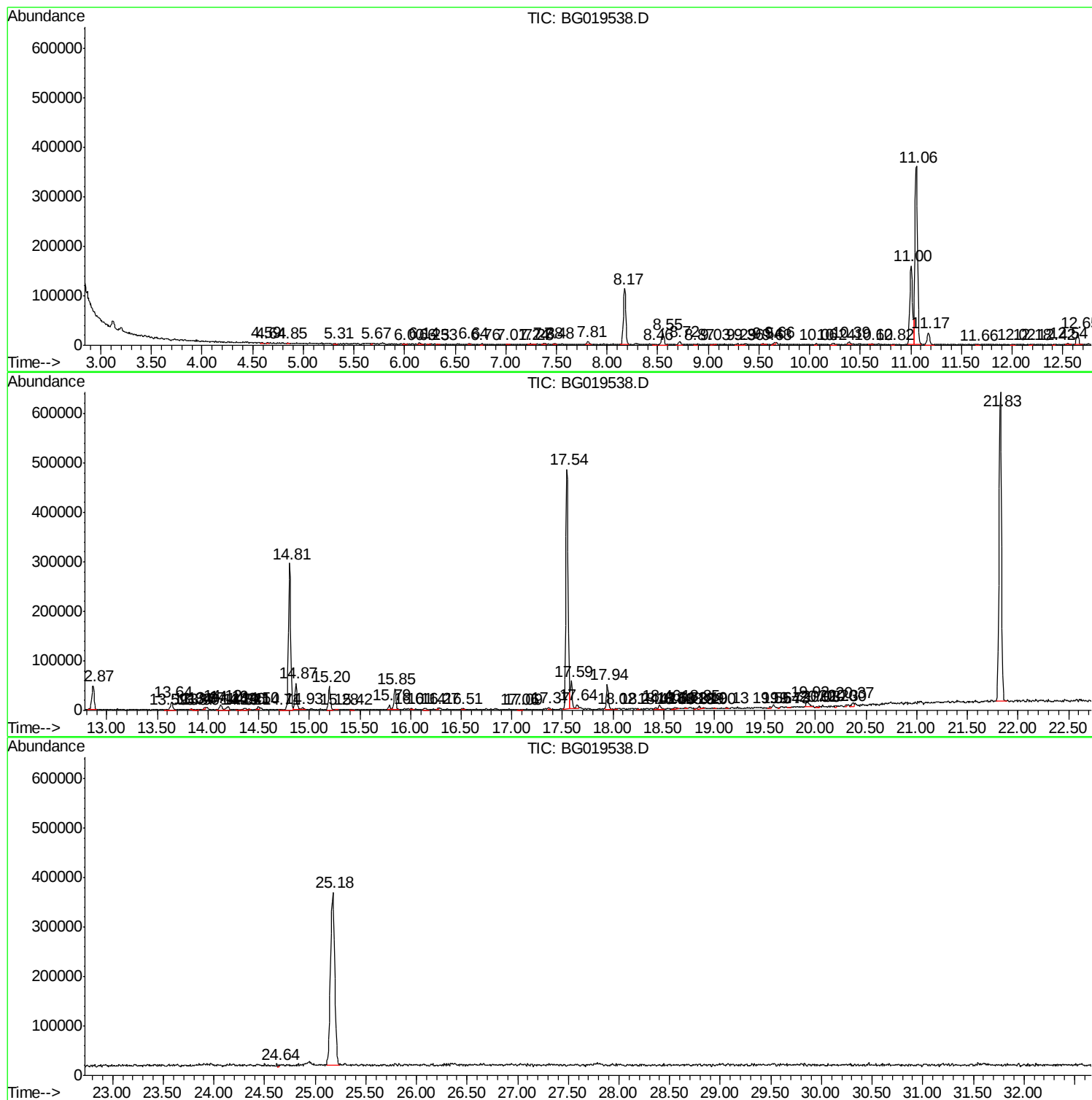
Sum of corrected areas: 5391068

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



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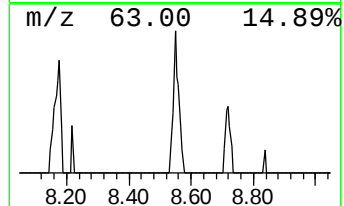
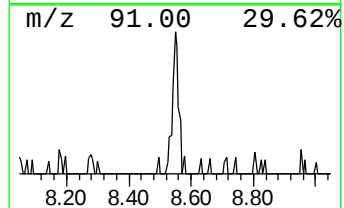
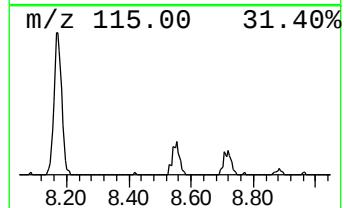
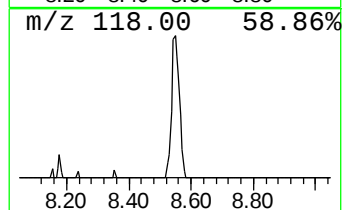
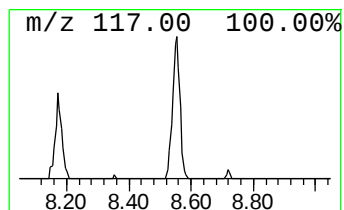
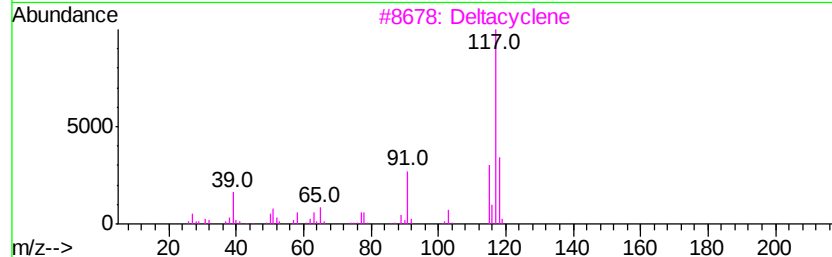
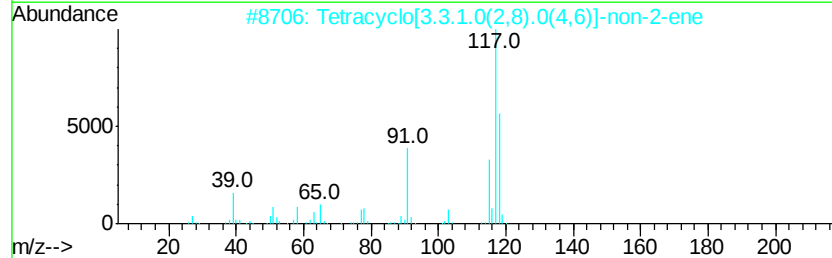
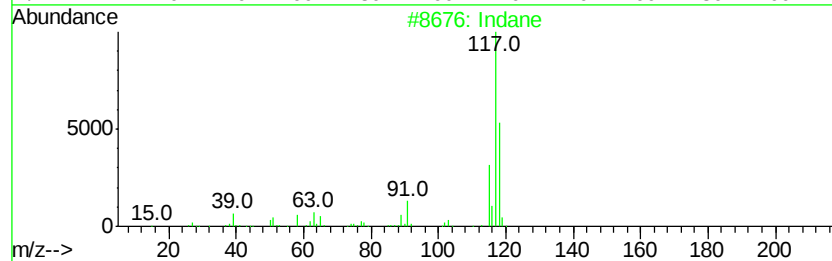
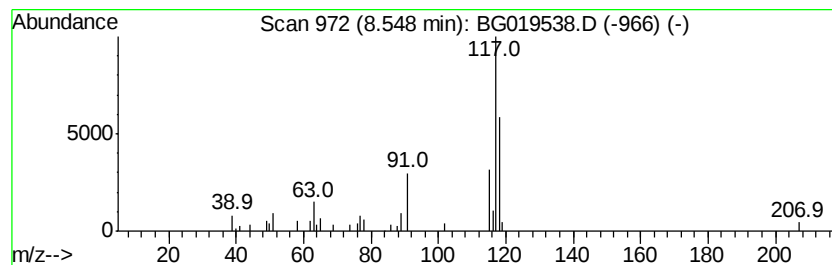
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	4.17 ng/ul	40067	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	81
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	74
3			Deltacyclene	118	C9H10	007785-10-6	72
4			Deltacyclene	118	C9H10	007785-10-6	72
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	72



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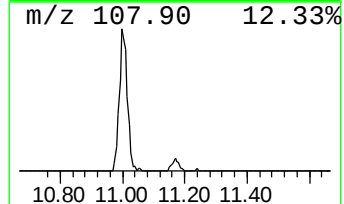
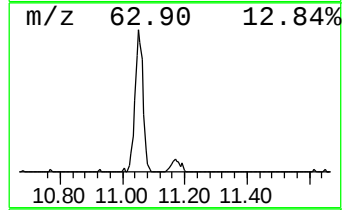
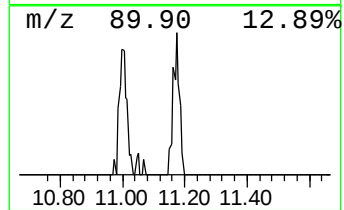
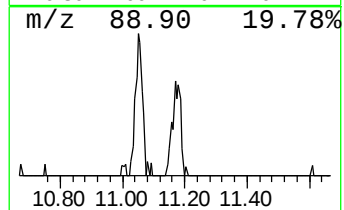
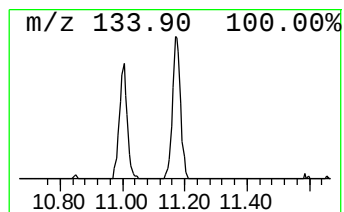
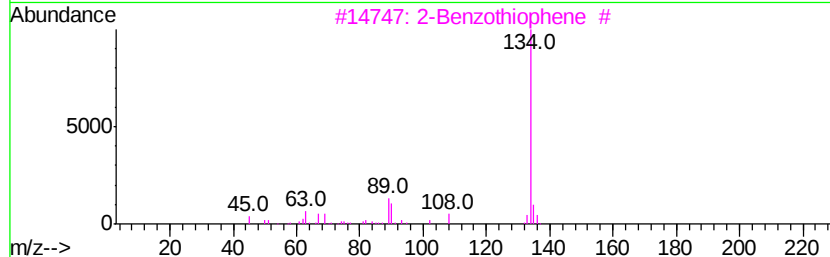
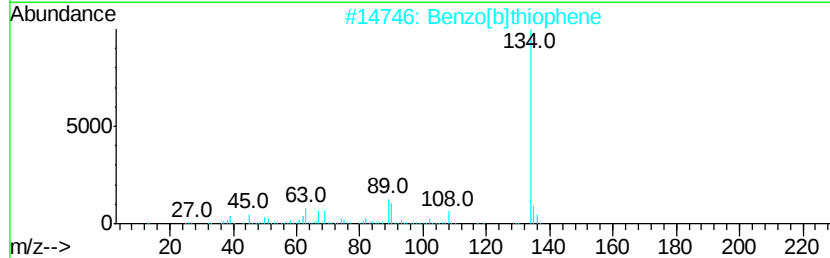
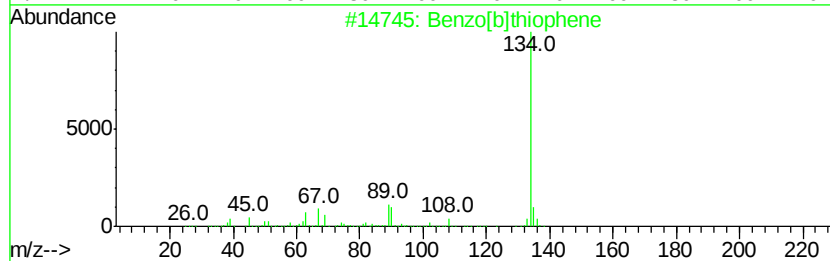
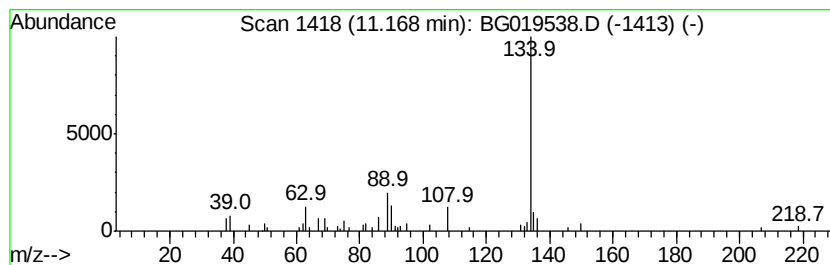
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzo[b]thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.18 ng/ul	46790	Naphthalene-d8	11.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene		134	C8H6S	000095-15-8	91
2	Benzo[b]thiophene		134	C8H6S	000095-15-8	90
3	2-Benzothiophene #		134	C8H6S	000270-82-6	83
4	Thiazole, 2-methyl-4-phenyl-		175	C10H9NS	001826-16-0	78
5	Cyclopenta[b]thiapyran		134	C8H6S	000271-17-0	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	8.55	4.2	ng/ul	40067	1	8.17	192108	20.0
Benzo[b]thiophene	11.17	3.2	ng/ul	46790	2	11.00	293861	20.0