

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022370.D
 Acq On : 27 Aug 2019 17:12
 Operator : HP/JU
 Sample : K4373-11DL2 100X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2DL2

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_M\METHODS\SOM-EPA-BM082219MA.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	3.810	135	140	148	rBV3	2869	6044	1.03%	0.150%
2	4.781	302	305	308	rVB	907	1345	0.23%	0.033%
3	5.087	351	357	363	rVB3	2990	5677	0.97%	0.141%
4	5.204	374	377	378	rBV	1619	1194	0.20%	0.030%
5	5.575	437	440	444	rVB	1394	1893	0.32%	0.047%
6	7.181	710	713	716	rBB2	1924	1879	0.32%	0.047%
7	7.269	725	728	731	rVB	1767	1718	0.29%	0.043%
8	7.539	767	774	786	rBB	104775	176433	30.04%	4.387%
9	7.892	829	834	843	rBB	32811	52353	8.91%	1.302%
10	8.028	855	857	861	rBV	1598	2324	0.40%	0.058%
11	8.981	1015	1019	1022	rBV	2699	3424	0.58%	0.085%
12	9.016	1022	1025	1028	rVB2	1461	1698	0.29%	0.042%
13	9.533	1108	1113	1118	rBV2	8214	15374	2.62%	0.382%
14	9.569	1118	1119	1124	rVB2	5154	4614	0.79%	0.115%
15	9.851	1162	1167	1175	rVB2	10229	19356	3.30%	0.481%
16	9.992	1188	1191	1193	rBV	1721	1712	0.29%	0.043%
17	10.245	1231	1234	1238	rVV	1084	1257	0.21%	0.031%
18	10.310	1238	1245	1249	rVV	171397	287814	49.00%	7.157%
19	10.363	1249	1254	1266	rVV	348303	587409	100.00%	14.607%
20	10.492	1270	1276	1282	rVB	18863	30728	5.23%	0.764%
21	10.886	1340	1343	1347	rBV2	2622	5083	0.87%	0.126%
22	10.933	1347	1351	1352	rVB	1190	1504	0.26%	0.037%
23	11.186	1390	1394	1398	rBV2	3707	6330	1.08%	0.157%
24	11.375	1422	1426	1430	rBB	1629	2148	0.37%	0.053%
25	11.422	1430	1434	1439	rBB	2875	4032	0.69%	0.100%
26	11.775	1485	1494	1501	rVB5	4554	9402	1.60%	0.234%
27	11.880	1509	1512	1514	rBV	1714	1977	0.34%	0.049%
28	11.992	1524	1531	1538	rBB	20542	32361	5.51%	0.805%
29	12.122	1551	1553	1556	rBB	1706	1641	0.28%	0.041%
30	12.210	1562	1568	1576	rVB	60964	96771	16.47%	2.406%
31	12.433	1600	1606	1609	rBB2	1753	2870	0.49%	0.071%
32	13.027	1700	1707	1714	rBB2	10159	16080	2.74%	0.400%
33	13.363	1758	1764	1770	rBB3	2868	6539	1.11%	0.163%
34	13.516	1785	1790	1794	rVB	6211	9787	1.67%	0.243%

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35	13.569	1795	1799	1803	rBV2	3763	4810	0.82%	0.120%
36	13.639	1808	1811	1816	rVB	2084	2649	0.45%	0.066%
37	13.716	1820	1824	1827	rBB	1628	1594	0.27%	0.040%
38	13.751	1827	1830	1835	rBB2	2047	2856	0.49%	0.071%
39	13.892	1851	1854	1856	rBV	1679	2277	0.39%	0.057%
40	14.198	1900	1906	1912	rBV	294145	426098	72.54%	10.596%
41	14.263	1912	1917	1924	rVB	105250	152191	25.91%	3.785%
42	14.380	1933	1937	1941	rVV	8325	11854	2.02%	0.295%
43	14.433	1941	1946	1954	rVV	16431	26974	4.59%	0.671%
44	14.504	1954	1958	1962	rVV4	3390	5514	0.94%	0.137%
45	14.545	1962	1965	1966	rVV	1905	1813	0.31%	0.045%
46	14.610	1970	1976	1986	rVV	46977	70022	11.92%	1.741%
47	14.727	1992	1996	1999	rBV	2216	3056	0.52%	0.076%
48	15.145	2065	2067	2069	rBV	1921	2063	0.35%	0.051%
49	15.210	2074	2078	2082	rVB	3089	4521	0.77%	0.112%
50	15.263	2082	2087	2096	rVB2	46069	67762	11.54%	1.685%
51	15.427	2110	2115	2117	rBV3	3951	5902	1.00%	0.147%
52	15.521	2127	2131	2133	rBV3	2869	3938	0.67%	0.098%
53	15.563	2136	2138	2141	rVB	1954	1834	0.31%	0.046%
54	15.615	2144	2147	2150	rVB	1713	1635	0.28%	0.041%
55	15.674	2155	2157	2160	rVV2	1413	1703	0.29%	0.042%
56	15.721	2160	2165	2168	rVB3	2473	3648	0.62%	0.091%
57	15.974	2203	2208	2219	rBV4	14909	30191	5.14%	0.751%
58	16.062	2219	2223	2224	rVV2	1598	1542	0.26%	0.038%
59	16.092	2224	2228	2238	rVV2	12652	22764	3.88%	0.566%
60	16.180	2240	2243	2247	rVB	3130	3653	0.62%	0.091%
61	16.251	2249	2255	2265	rBV3	13273	28331	4.82%	0.705%
62	16.539	2300	2304	2308	rBV2	1431	2632	0.45%	0.065%
63	16.774	2339	2344	2351	rVB2	3518	6030	1.03%	0.150%
64	16.845	2352	2356	2361	rBV2	2119	2916	0.50%	0.073%
65	16.962	2370	2376	2381	rBV2	401070	538126	91.61%	13.382%
66	17.004	2381	2383	2390	rVB	55829	72470	12.34%	1.802%
67	17.068	2390	2394	2398	rBV3	4511	6230	1.06%	0.155%
68	17.109	2398	2401	2402	rVB2	2113	1911	0.33%	0.048%
69	17.145	2405	2407	2409	rBV2	1254	1360	0.23%	0.034%
70	17.392	2439	2449	2457	rBV	41078	63876	10.87%	1.588%
71	17.504	2463	2468	2472	rBV3	4005	5712	0.97%	0.142%

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72	17.568	2475	2479	2484	rBV	3409	4765	0.81%	0.118%
73	17.633	2487	2490	2494	rVB	1152	1219	0.21%	0.030%
74	17.692	2497	2500	2503	rBV	1252	1097	0.19%	0.027%
75	17.833	2519	2524	2529	rBV2	2552	4111	0.70%	0.102%
76	17.904	2532	2536	2540	rBV4	4856	8537	1.45%	0.212%
77	17.939	2540	2542	2549	rVB4	1885	2538	0.43%	0.063%
78	17.998	2549	2552	2555	rBV2	3302	4132	0.70%	0.103%
79	18.033	2555	2558	2559	rBV2	1871	1825	0.31%	0.045%
80	18.151	2574	2578	2584	rVB4	4468	7087	1.21%	0.176%
81	18.215	2587	2589	2594	rVB2	1355	1886	0.32%	0.047%
82	18.309	2602	2605	2607	rVB3	2027	2544	0.43%	0.063%
83	18.398	2617	2620	2623	rVB3	892	1396	0.24%	0.035%
84	18.433	2623	2626	2628	rBV3	1232	1554	0.26%	0.039%
85	18.745	2675	2679	2680	rVB3	1325	1082	0.18%	0.027%
86	18.839	2692	2695	2696	rBV2	1110	1088	0.19%	0.027%
87	18.862	2696	2699	2704	rVB5	3924	6264	1.07%	0.156%
88	18.956	2710	2715	2716	rBV3	1124	1342	0.23%	0.033%
89	19.009	2722	2724	2725	rVB	1681	1081	0.18%	0.027%
90	19.039	2725	2729	2735	rBV2	6728	10534	1.79%	0.262%
91	19.262	2766	2767	2770	rBV3	1127	1193	0.20%	0.030%
92	19.374	2782	2786	2790	rBV2	5916	8191	1.39%	0.204%
93	19.403	2790	2791	2795	rVB3	3868	3807	0.65%	0.095%
94	19.498	2804	2807	2808	rBV2	1531	1320	0.22%	0.033%
95	19.762	2851	2852	2854	rBV	1780	1212	0.21%	0.030%
96	19.845	2864	2866	2868	rBV2	1702	1166	0.20%	0.029%
97	19.903	2873	2876	2882	rVB5	5385	8840	1.50%	0.220%
98	20.562	2986	2988	2993	rBV6	5131	8088	1.38%	0.201%
99	21.180	3088	3093	3099	rBV	361876	493052	83.94%	12.261%
100	23.368	3459	3465	3476	rVB	227652	437159	74.42%	10.871%

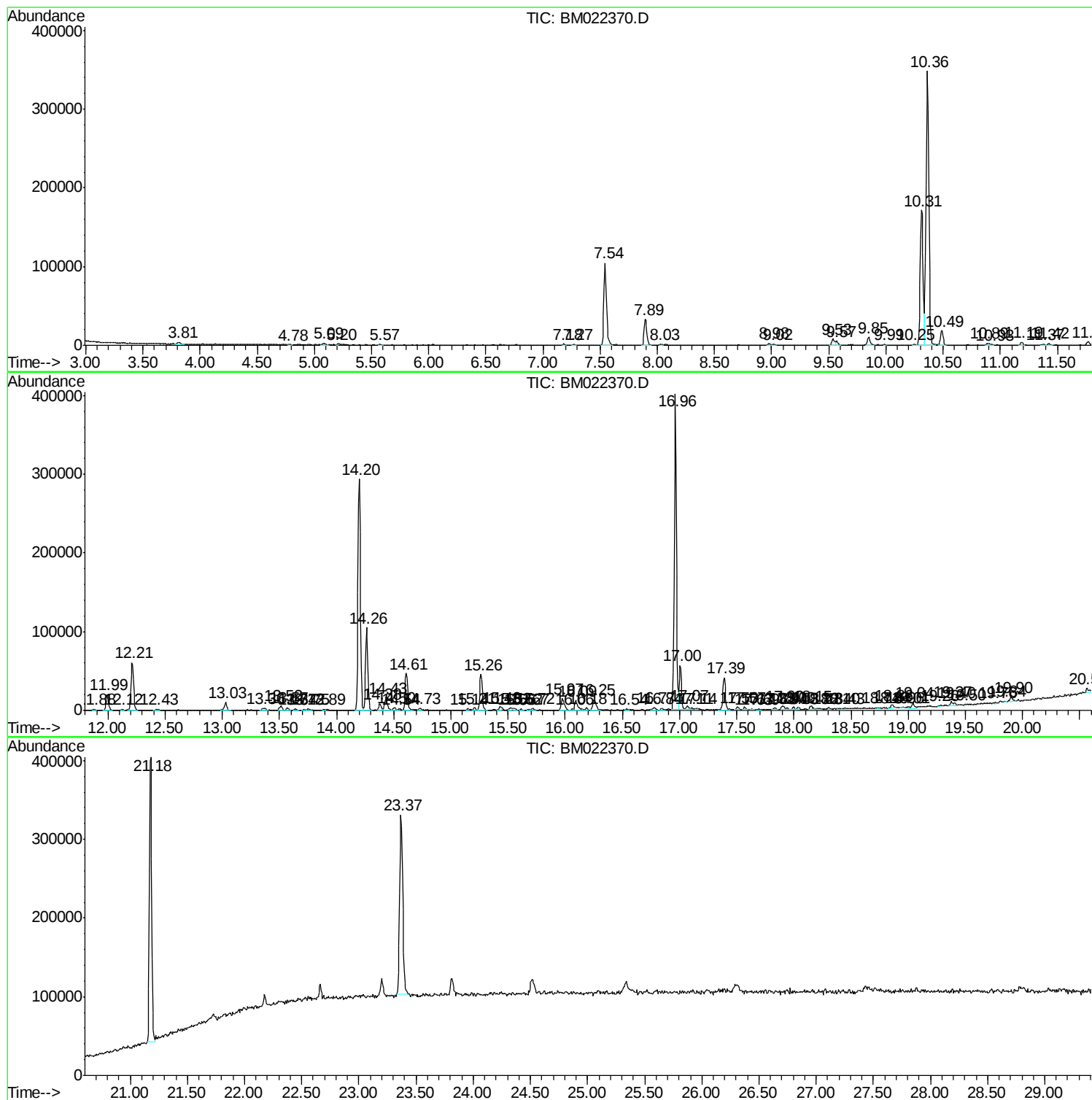
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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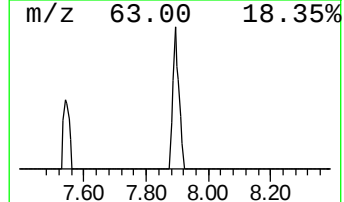
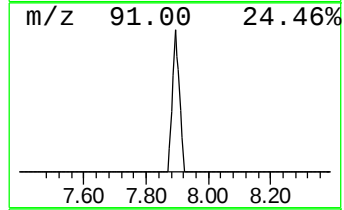
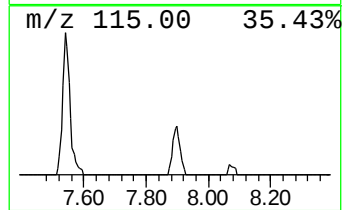
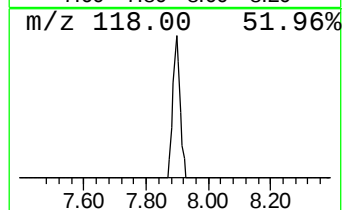
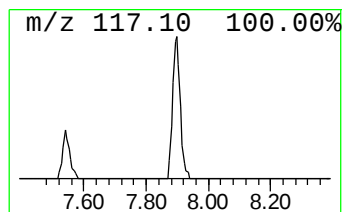
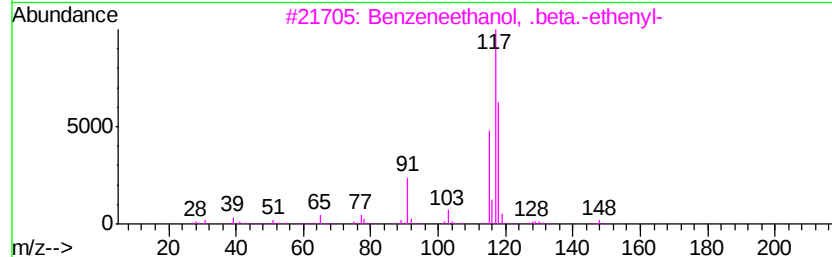
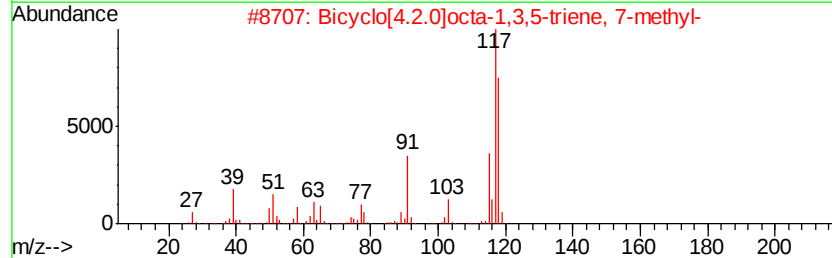
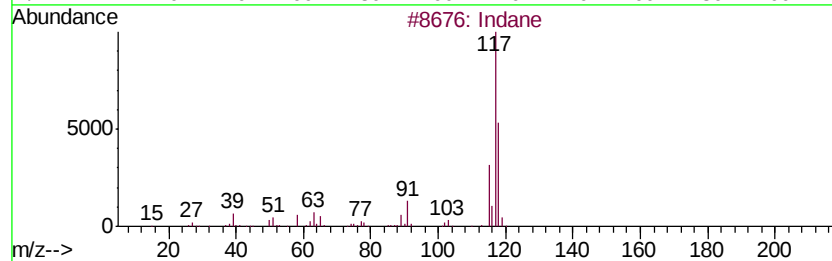
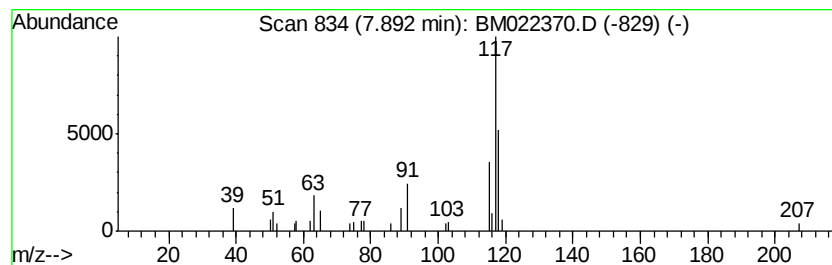
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	5.93 ng/ul	52353	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	81
2	Bicyclo[4.2.0]octa-1,3,5-triene,...			118	C9H10	055337-80-9	74
3	Benzeneethanol, .beta.-ethenvl-			148	C10H12O	006052-63-7	72
4	Indane			118	C9H10	000496-11-7	72
5	Indane			118	C9H10	000496-11-7	72



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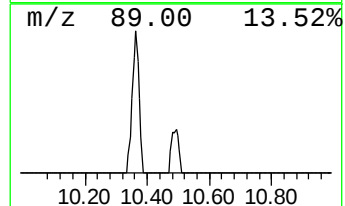
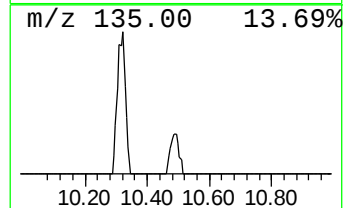
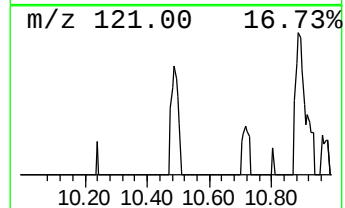
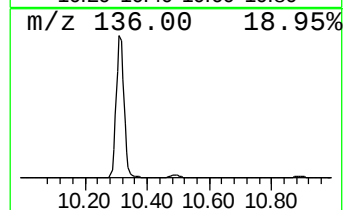
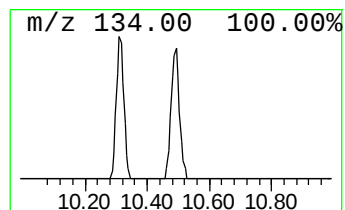
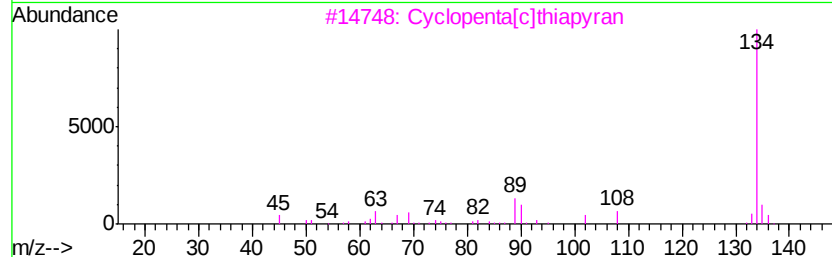
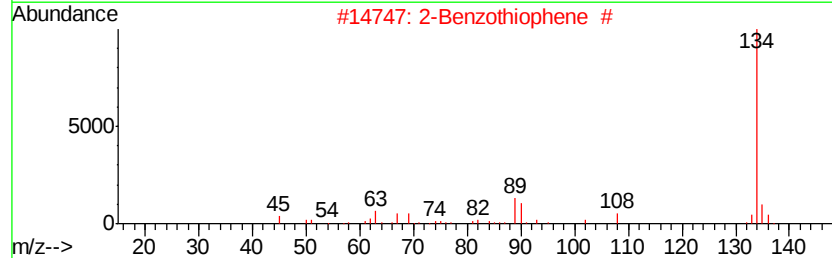
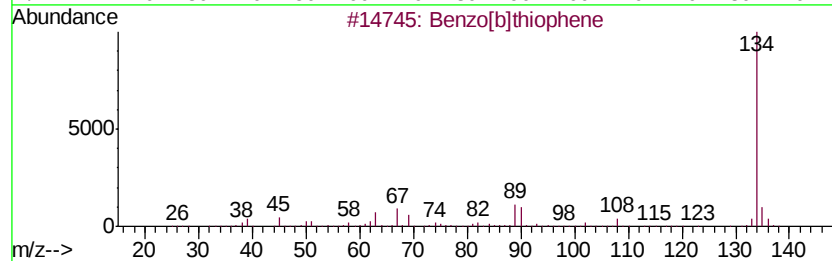
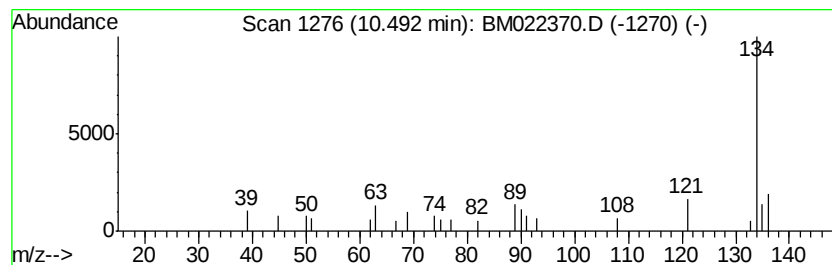
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzo[b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.14 ng/ul	30728	Naphthalene-d8	10.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]thiophene	134	C8H6S	000095-15-8	90
2		2-Benzothiophene #	134	C8H6S	000270-82-6	90
3		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	83
5		Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	83



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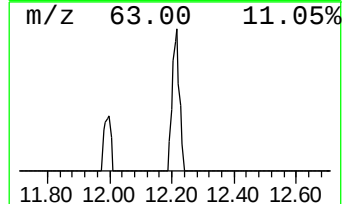
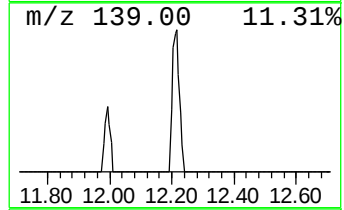
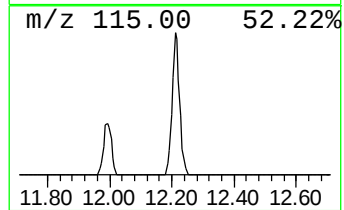
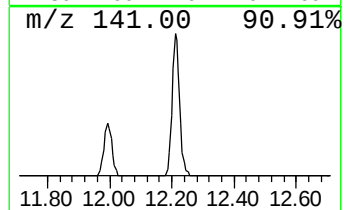
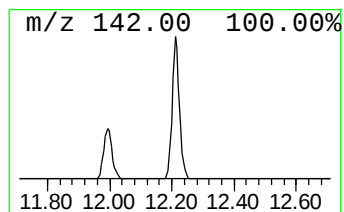
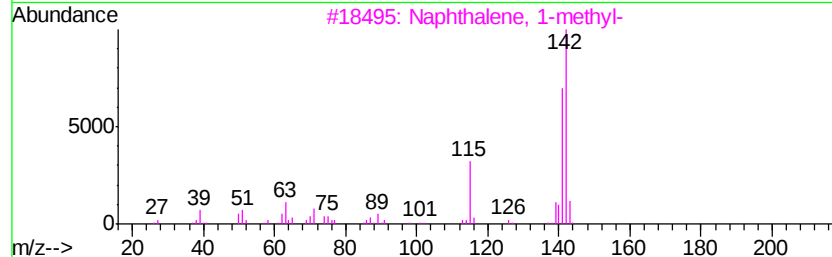
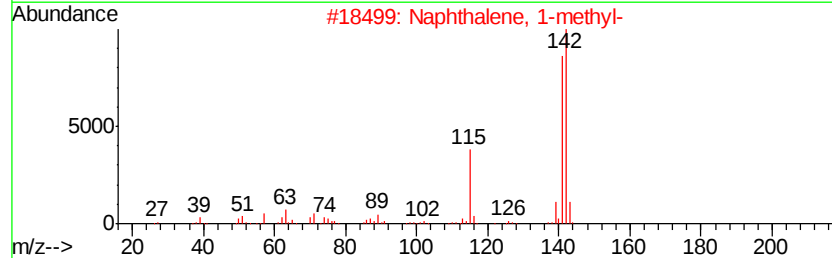
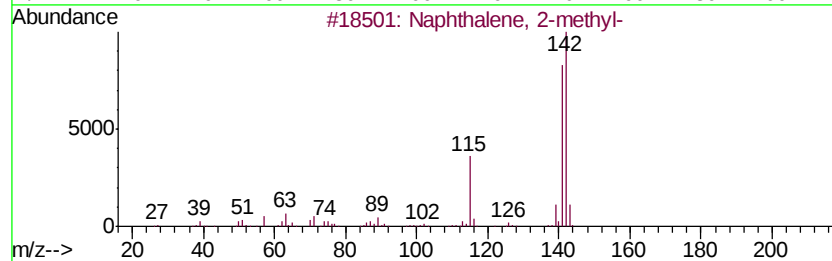
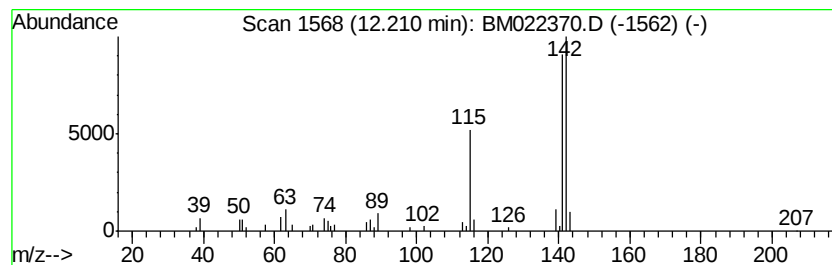
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	6.72 ng/ul	96771	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022370.D
Acq On : 27 Aug 2019 17:12
Operator : HP/JU
Sample : K4373-11DL2 100X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	7.89	5.9	ng/ul	52353	1	7.55	176433	20.0
Benzo[b]thiophene	10.49	2.1	ng/ul	30728	2	10.31	287814	20.0
Naphthalene, 1-me...	12.21	6.7	ng/ul	96771	2	10.31	287814	20.0