

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020287.D
 Acq On : 18 Dec 2015 22:49
 Operator : UM/SJ
 Sample : G4768-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N32

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	3.120	41	48	56	rBV	45112	95517	14.11%	1.537%
2	3.196	56	61	70	rVB	27031	42866	6.33%	0.690%
3	3.473	103	108	112	rBV2	879	1757	0.26%	0.028%
4	3.790	157	162	163	rBV2	707	925	0.14%	0.015%
5	3.931	181	186	189	rBV3	581	999	0.15%	0.016%
6	5.165	393	396	402	rVB	1301	2117	0.31%	0.034%
7	5.576	461	466	471	rBB	1267	2031	0.30%	0.033%
8	5.711	485	489	491	rBV2	1338	1550	0.23%	0.025%
9	7.239	741	749	757	rBB3	12798	22465	3.32%	0.362%
10	7.409	772	778	786	rBB	49872	79208	11.70%	1.275%
11	7.574	800	806	808	rBV	3359	4808	0.71%	0.077%
12	7.621	808	814	825	rVB	51808	86450	12.77%	1.391%
13	7.738	830	834	837	rBB	851	1119	0.17%	0.018%
14	8.091	888	894	900	rBV	58561	96159	14.21%	1.547%
15	8.138	900	902	907	rVB2	1854	2457	0.36%	0.040%
16	8.202	908	913	917	rBB	889	1355	0.20%	0.022%
17	8.467	951	958	964	rBV2	11578	18193	2.69%	0.293%
18	8.631	981	986	994	rBB	4239	6604	0.98%	0.106%
19	8.790	1007	1013	1021	rBB	42566	70834	10.47%	1.140%
20	8.919	1031	1035	1036	rBV	1247	1543	0.23%	0.025%
21	9.260	1086	1093	1101	rBB	63174	110825	16.38%	1.783%
22	9.983	1210	1216	1223	rBV	55897	94427	13.95%	1.520%
23	10.306	1266	1271	1275	rBV3	2945	5315	0.79%	0.086%
24	10.335	1275	1276	1281	rVV3	2016	1965	0.29%	0.032%
25	10.406	1284	1288	1293	rBB2	930	1614	0.24%	0.026%
26	10.523	1302	1308	1317	rBB	80557	140408	20.75%	2.260%
27	10.911	1367	1374	1378	rBV	80950	151276	22.35%	2.434%
28	10.958	1378	1382	1391	rVV	181676	325163	48.05%	5.233%
29	11.046	1391	1397	1400	rVV2	3499	6764	1.00%	0.109%
30	11.081	1400	1403	1411	rVB	3164	4516	0.67%	0.073%
31	11.722	1508	1512	1516	rBB	971	1317	0.19%	0.021%
32	12.221	1593	1597	1601	rBB	1389	2053	0.30%	0.033%
33	12.286	1604	1608	1613	rBB	2037	2788	0.41%	0.045%
34	12.486	1639	1642	1645	rBB	1101	1559	0.23%	0.025%

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35	12.556	1646	1654	1662	rBB	29350	47275	6.99%	0.761%
36	12.773	1684	1691	1697	rBV	22342	36058	5.33%	0.580%
37	13.079	1740	1743	1746	rBB	767	1032	0.15%	0.017%
38	13.326	1782	1785	1788	rBV	934	1358	0.20%	0.022%
39	13.561	1820	1825	1831	rBB	5084	7288	1.08%	0.117%
40	13.755	1853	1858	1865	rVB2	2094	3735	0.55%	0.060%
41	13.896	1876	1882	1887	rVB2	2295	5345	0.79%	0.086%
42	14.043	1902	1907	1912	rBV2	6589	9904	1.46%	0.159%
43	14.125	1912	1921	1929	rVB	176353	264459	39.08%	4.256%
44	14.283	1944	1948	1951	rBV	2565	3300	0.49%	0.053%
45	14.419	1964	1971	1982	rBB	192851	300244	44.37%	4.832%
46	14.724	2014	2023	2029	rBV2	135378	220333	32.56%	3.546%
47	14.789	2029	2034	2039	rVV	36563	55606	8.22%	0.895%
48	14.853	2039	2045	2050	rVV	2034	2984	0.44%	0.048%
49	14.912	2050	2055	2065	rVB	13537	22504	3.33%	0.362%
50	15.118	2085	2090	2097	rVB	14050	21093	3.12%	0.339%
51	15.194	2097	2103	2106	rBV	842	1488	0.22%	0.024%
52	15.335	2123	2127	2134	rBB2	817	1644	0.24%	0.026%
53	15.500	2152	2155	2158	rBV	916	1292	0.19%	0.021%
54	15.594	2168	2171	2173	rVB2	1036	1029	0.15%	0.017%
55	15.711	2185	2191	2197	rBV	268402	406920	60.13%	6.548%
56	15.770	2197	2201	2205	rVV2	26259	38262	5.65%	0.616%
57	15.823	2205	2210	2217	rVV2	76876	113521	16.78%	1.827%
58	15.893	2219	2222	2224	rBV	1642	1604	0.24%	0.026%
59	15.952	2224	2232	2235	rVB3	1676	2917	0.43%	0.047%
60	16.017	2240	2243	2246	rVB	892	963	0.14%	0.015%
61	16.064	2246	2251	2254	rBB2	1960	2783	0.41%	0.045%
62	16.181	2268	2271	2273	rBV	1259	1576	0.23%	0.025%
63	16.211	2273	2276	2282	rVB2	1513	2827	0.42%	0.045%
64	16.434	2308	2314	2321	rBV4	5105	7529	1.11%	0.121%
65	16.598	2339	2342	2345	rBB2	1092	912	0.13%	0.015%
66	16.645	2345	2350	2352	rBV2	595	1011	0.15%	0.016%
67	16.763	2365	2370	2375	rVB2	1375	2686	0.40%	0.043%
68	16.822	2375	2380	2382	rBB	1065	1364	0.20%	0.022%
69	16.922	2394	2397	2398	rBV	980	1147	0.17%	0.018%
70	16.945	2398	2401	2405	rVB	2505	2753	0.41%	0.044%
71	17.121	2427	2431	2435	rVB2	3053	3888	0.57%	0.063%

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72	17.292	2456	2460	2465	rVB	3932	6012	0.89%	0.097%
73	17.468	2484	2490	2494	rBV2	199206	298027	44.04%	4.796%
74	17.509	2494	2497	2502	rVV	82374	116807	17.26%	1.880%
75	17.568	2502	2507	2518	rVB2	336711	506981	74.92%	8.159%
76	17.732	2534	2535	2541	rVB	709	973	0.14%	0.016%
77	17.868	2554	2558	2564	rVB2	6943	11401	1.68%	0.183%
78	18.326	2633	2636	2637	rBV	1084	1280	0.19%	0.021%
79	18.343	2637	2639	2643	rVB	2803	2869	0.42%	0.046%
80	18.385	2643	2646	2650	rBV4	2871	5074	0.75%	0.082%
81	18.543	2666	2673	2682	rVB2	6553	13354	1.97%	0.215%
82	18.631	2684	2688	2693	rBV2	959	1739	0.26%	0.028%
83	18.678	2693	2696	2700	rVB	1043	1331	0.20%	0.021%
84	18.837	2720	2723	2726	rBV	997	1252	0.19%	0.020%
85	18.878	2726	2730	2736	rVB3	1444	2634	0.39%	0.042%
86	19.483	2829	2833	2834	rBV	3603	3719	0.55%	0.060%
87	19.513	2835	2838	2843	rVB	21558	27063	4.00%	0.436%
88	19.665	2861	2864	2868	rBV2	722	948	0.14%	0.015%
89	19.736	2872	2876	2883	rBV2	2800	5325	0.79%	0.086%
90	19.848	2889	2895	2906	rBV	460611	676727	100.00%	10.890%
91	20.253	2960	2964	2969	rBV2	2877	3679	0.54%	0.059%
92	20.365	2980	2983	2986	rBV3	771	1115	0.16%	0.018%
93	20.447	2994	2997	3006	rVB5	1565	3719	0.55%	0.060%
94	20.746	3041	3048	3054	rVB6	5581	10999	1.63%	0.177%
95	20.793	3054	3056	3060	rBV3	1364	1561	0.23%	0.025%
96	21.363	3149	3153	3158	rBV5	2547	3952	0.58%	0.064%
97	21.739	3211	3217	3225	rBV	267315	442885	65.45%	7.127%
98	23.214	3466	3468	3470	rBV2	1772	1842	0.27%	0.030%
99	24.795	3726	3737	3750	rBV	237420	663940	98.11%	10.685%
100	25.018	3765	3775	3789	rVB2	140710	407248	60.18%	6.554%

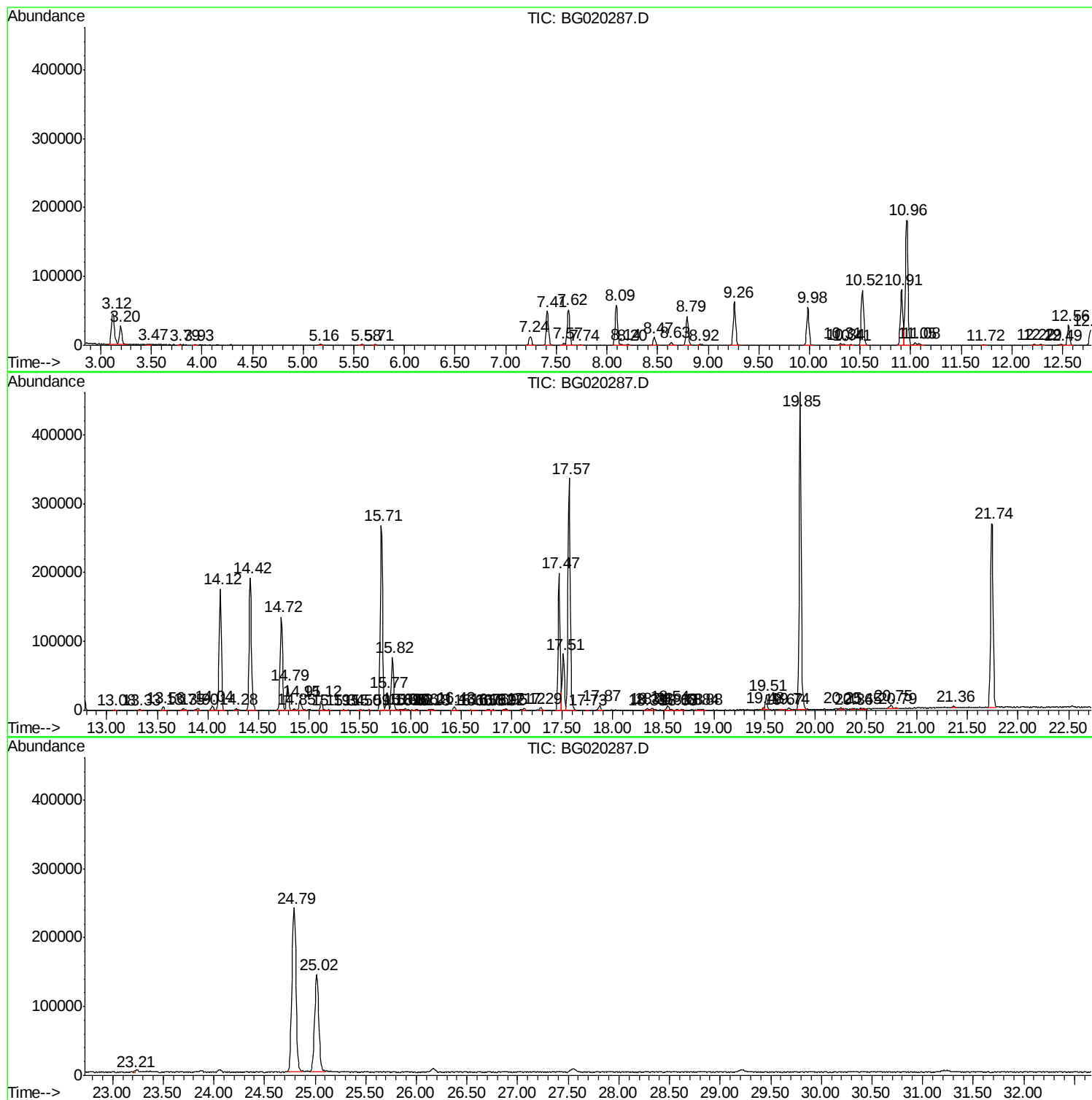
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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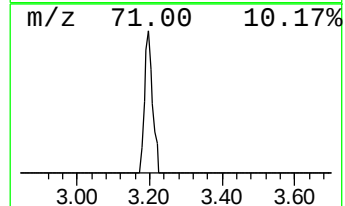
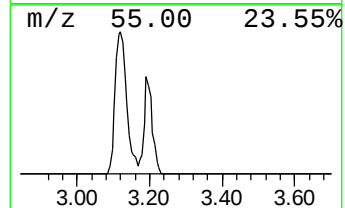
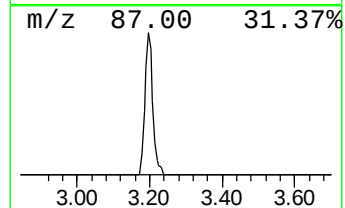
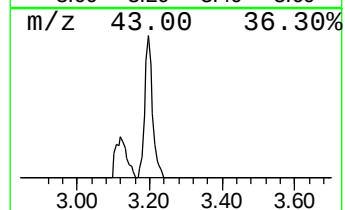
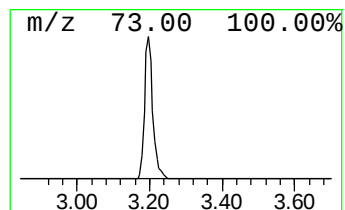
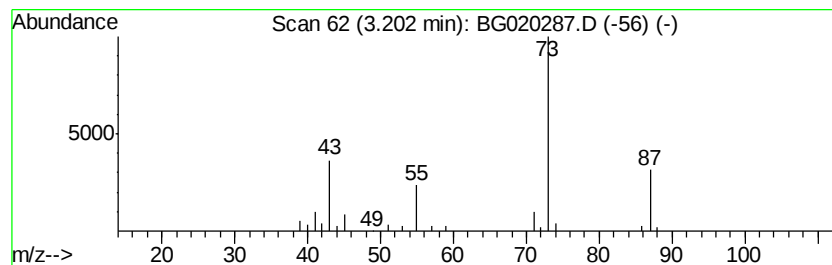
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	8.92 ng/ul	42866	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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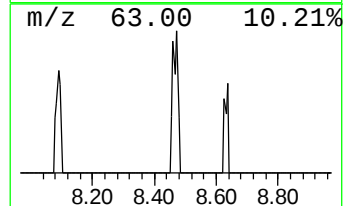
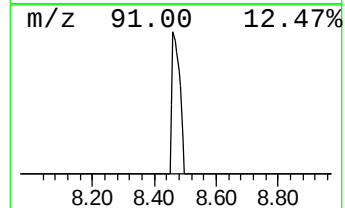
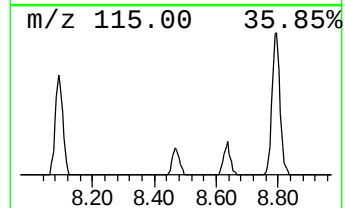
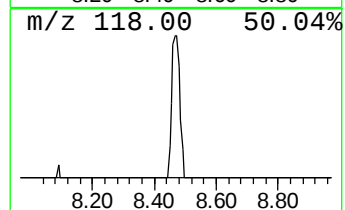
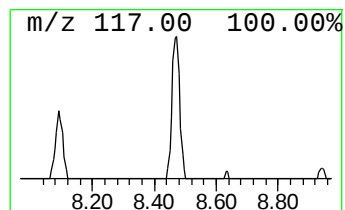
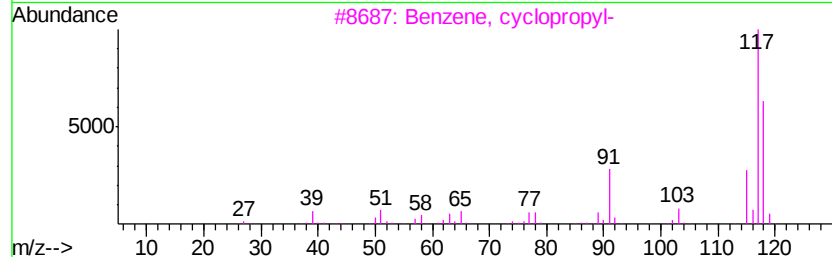
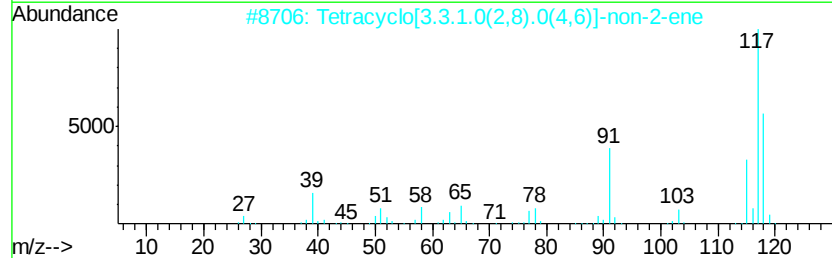
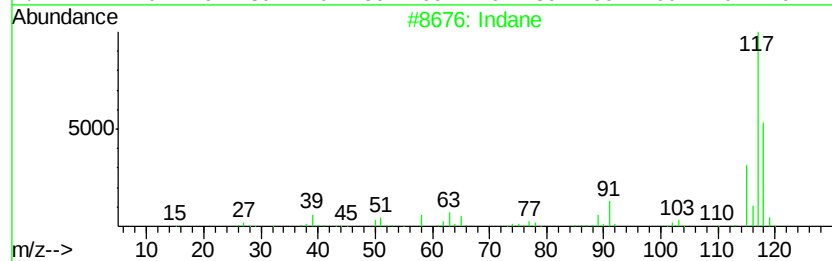
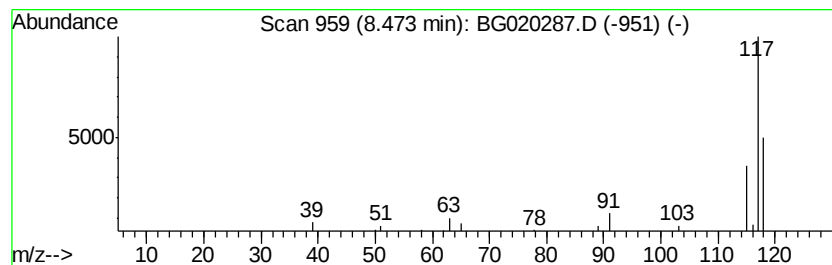
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	3.78 ng/ul	18193	1,4-Dichlorobenzene-d4	8.10

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	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
4	Deltacyclene	118	C9H10	007785-10-6	53
5	Deltacyclene	118	C9H10	007785-10-6	50



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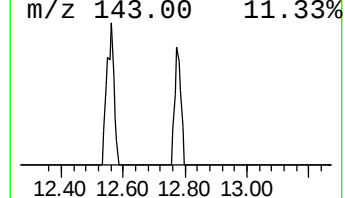
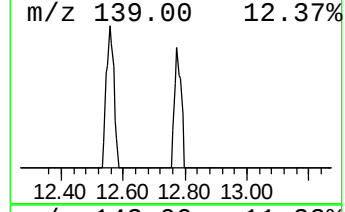
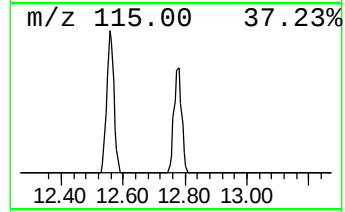
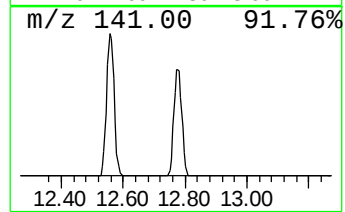
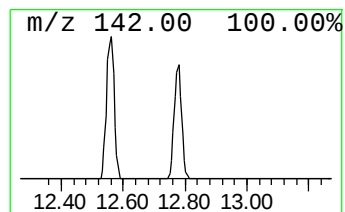
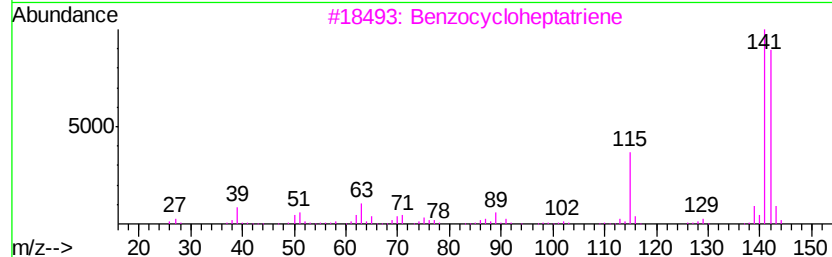
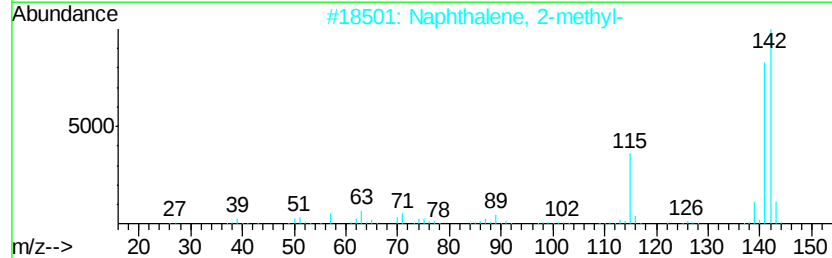
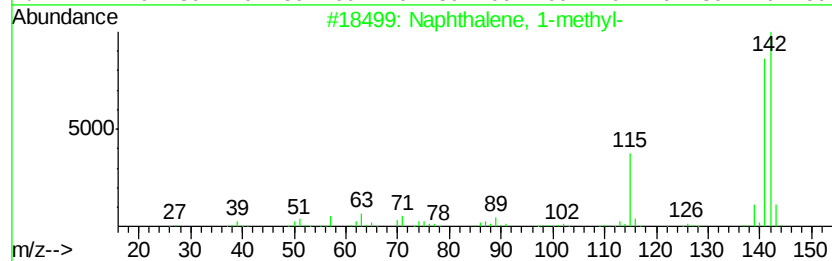
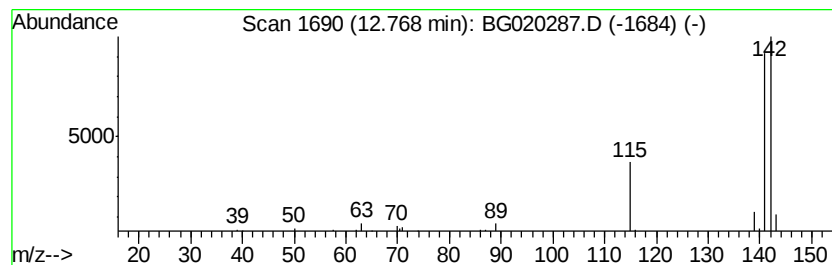
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.77 ng/ul	36058	Naphthalene-d8	10.91

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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	8.9	ng/ul	42866	1	8.10	96159	20.0
Indane	8.47	3.8	ng/ul	18193	1	8.10	96159	20.0
Naphthalene, 1-me...	12.77	4.8	ng/ul	36058	2	10.91	151276	20.0