

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
 Data File : BG020205.D
 Acq On : 16 Dec 2015 1:17
 Operator : UM/SJ
 Sample : G4786-16
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C89

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	3.107	41	46	57	rBV2	126797	272738	32.40%	3.354%
2	3.201	58	62	70	rVB	36170	52158	6.20%	0.641%
3	4.235	234	238	247	rVB	29252	41230	4.90%	0.507%
4	5.176	394	398	403	rVB3	2308	3516	0.42%	0.043%
5	5.581	462	467	473	rBV	56817	83135	9.88%	1.022%
6	5.716	483	490	492	rBV	18504	29757	3.53%	0.366%
7	5.892	517	520	524	rVB3	1106	1474	0.18%	0.018%
8	6.092	549	554	559	rVB2	23983	36819	4.37%	0.453%
9	6.574	631	636	640	rBV3	1631	2591	0.31%	0.032%
10	7.062	715	719	722	rBV2	978	1282	0.15%	0.016%
11	7.179	734	739	744	rVV2	4733	6642	0.79%	0.082%
12	7.244	744	750	757	rVV2	23444	38937	4.63%	0.479%
13	7.314	759	762	765	rVB2	1646	2002	0.24%	0.025%
14	7.414	773	779	786	rBV	66098	105390	12.52%	1.296%
15	7.479	787	790	794	rVB3	1793	2305	0.27%	0.028%
16	7.626	808	815	822	rBV	70823	120271	14.29%	1.479%
17	7.743	828	835	842	rVB4	6622	13213	1.57%	0.163%
18	8.096	889	895	901	rBV	63278	105615	12.55%	1.299%
19	8.207	911	914	918	rVB2	2328	3170	0.38%	0.039%
20	8.278	921	926	930	rBV3	1546	2426	0.29%	0.030%
21	8.472	953	959	965	rBV	24327	37528	4.46%	0.462%
22	8.636	981	987	994	rVB	31438	54003	6.41%	0.664%
23	8.795	1008	1014	1021	rVB2	64875	108754	12.92%	1.338%
24	9.265	1086	1094	1101	rVB	92487	161000	19.12%	1.980%
25	9.988	1211	1217	1224	rBV	88726	149912	17.81%	1.844%
26	10.334	1269	1276	1282	rVB4	4405	8977	1.07%	0.110%
27	10.405	1282	1288	1294	rBV	6359	12699	1.51%	0.156%
28	10.528	1300	1309	1317	rBV	128511	222520	26.43%	2.737%
29	10.622	1321	1325	1326	rVB3	981	1177	0.14%	0.014%
30	10.916	1368	1375	1379	rBV	100425	178585	21.21%	2.196%
31	10.963	1379	1383	1391	rVB	103761	180823	21.48%	2.224%
32	11.045	1392	1397	1402	rVV2	9953	15338	1.82%	0.189%
33	11.086	1402	1404	1408	rVB	1972	1870	0.22%	0.023%
34	12.485	1637	1642	1648	rBV5	1799	3225	0.38%	0.040%

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35	12.561	1650	1655	1661	rVB	13122	19984	2.37%	0.246%
36	12.778	1683	1692	1699	rBV	13137	23251	2.76%	0.286%
37	13.560	1821	1825	1829	rBV3	1410	2012	0.24%	0.025%
38	13.689	1844	1847	1854	rVB	721	1240	0.15%	0.015%
39	13.760	1854	1859	1860	rBV3	1234	1613	0.19%	0.020%
40	13.895	1877	1882	1885	rBV3	1272	2263	0.27%	0.028%
41	14.042	1902	1907	1913	rBV2	2233	3501	0.42%	0.043%
42	14.124	1915	1921	1927	rVB	278917	411908	48.93%	5.066%
43	14.283	1943	1948	1951	rVB3	1250	1934	0.23%	0.024%
44	14.424	1965	1972	1979	rBV	306579	473219	56.21%	5.820%
45	14.729	2017	2024	2031	rBV2	197871	311429	36.99%	3.830%
46	14.788	2031	2034	2039	rVB2	5156	7078	0.84%	0.087%
47	14.911	2050	2055	2063	rBV2	24598	39960	4.75%	0.491%
48	15.123	2086	2091	2095	rBV2	2292	3264	0.39%	0.040%
49	15.446	2143	2146	2151	rBV2	1599	2540	0.30%	0.031%
50	15.716	2185	2192	2198	rBV	441045	650981	77.33%	8.006%
51	15.769	2198	2201	2205	rVV	2462	3724	0.44%	0.046%
52	15.822	2205	2210	2216	rVB	151785	217529	25.84%	2.675%
53	15.951	2229	2232	2237	rVB	4020	5238	0.62%	0.064%
54	16.186	2269	2272	2276	rBV3	1086	1727	0.21%	0.021%
55	16.539	2328	2332	2338	rBV2	1668	2574	0.31%	0.032%
56	16.656	2348	2352	2357	rBV4	1527	1976	0.23%	0.024%
57	16.850	2383	2385	2391	rVB2	1162	1608	0.19%	0.020%
58	16.926	2395	2398	2402	rBV2	1991	2313	0.27%	0.028%
59	17.467	2484	2490	2496	rBV	289129	434768	51.64%	5.347%
60	17.508	2496	2497	2501	rVV	8712	8757	1.04%	0.108%
61	17.567	2501	2507	2519	rVB	494472	741238	88.05%	9.116%
62	17.731	2531	2535	2538	rBV2	843	1189	0.14%	0.015%
63	17.843	2551	2554	2556	rBV	1233	1323	0.16%	0.016%
64	18.337	2630	2638	2644	rBV3	8125	12134	1.44%	0.149%
65	18.395	2644	2648	2650	rBV	984	1641	0.19%	0.020%
66	18.536	2668	2672	2675	rBV2	1250	1757	0.21%	0.022%
67	19.100	2765	2768	2771	rBV2	2476	2533	0.30%	0.031%
68	19.482	2827	2833	2837	rBV2	6741	9568	1.14%	0.118%
69	19.600	2849	2853	2858	rBV4	8096	11385	1.35%	0.140%
70	19.741	2873	2877	2880	rVB	4083	5798	0.69%	0.071%
71	19.847	2889	2895	2905	rBV	586280	841856	100.00%	10.354%

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72	20.052	2928	2930	2932	rBV2	1486	1497	0.18%	0.018%
73	20.740	3045	3047	3051	rVB4	2651	3049	0.36%	0.037%
74	21.738	3210	3217	3225	rBV	318022	503970	59.86%	6.198%
75	24.782	3725	3735	3749	rVB	293815	814566	96.76%	10.018%
76	25.011	3764	3774	3786	rVB2	168717	479790	56.99%	5.901%

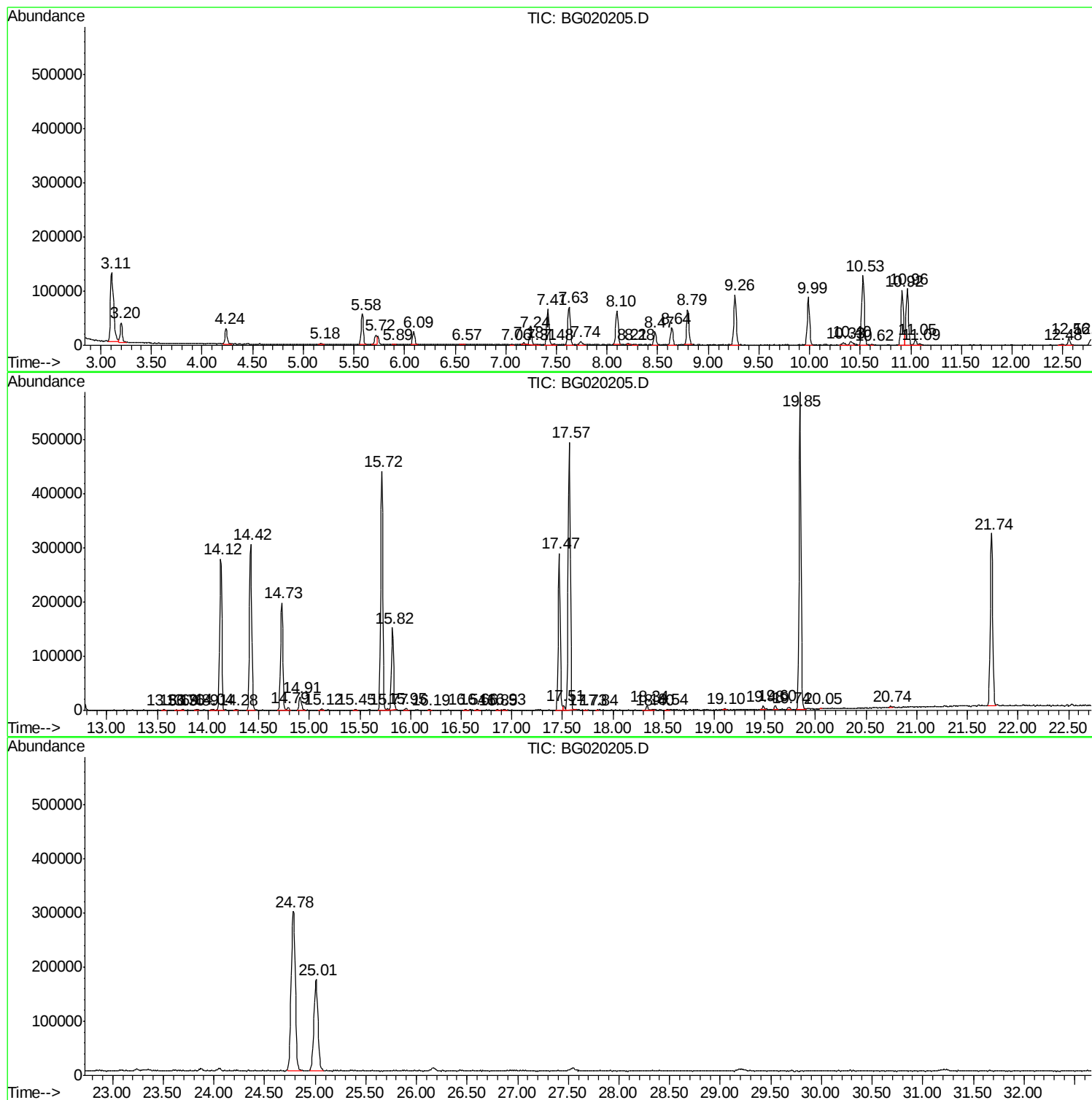
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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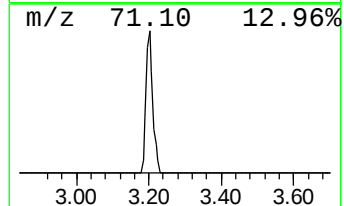
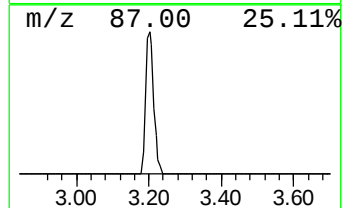
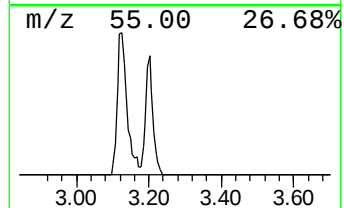
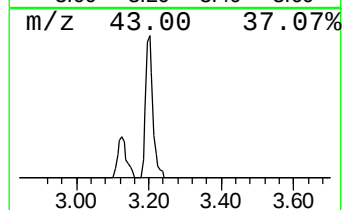
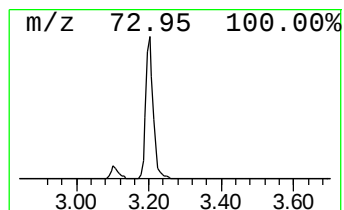
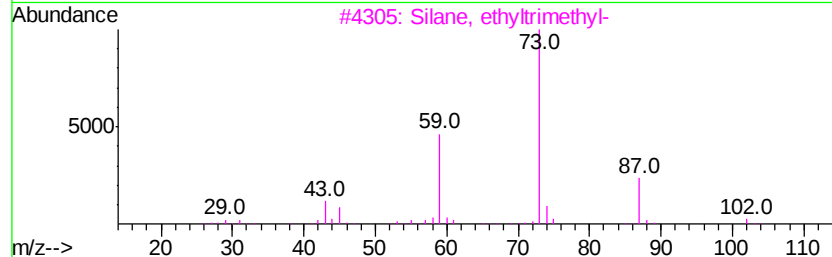
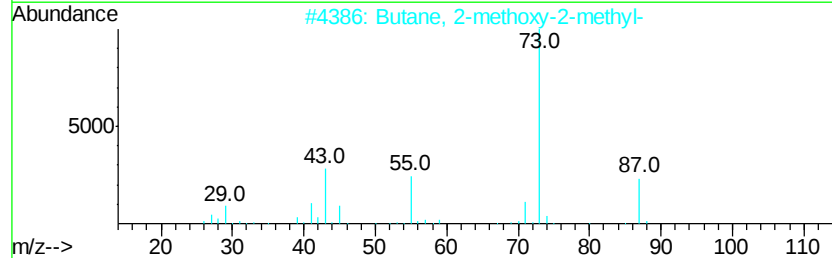
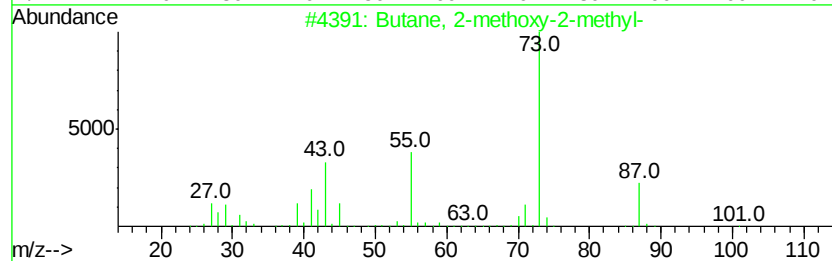
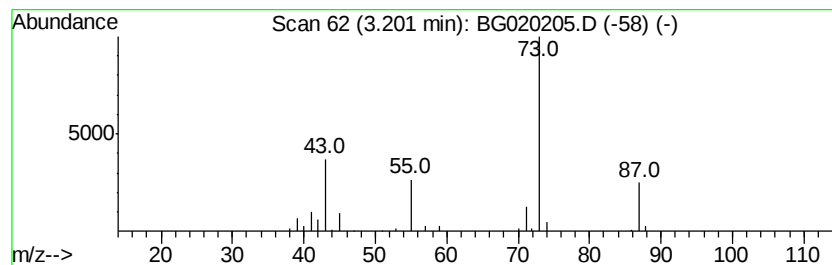
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	9.88 ng/ul	52158	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	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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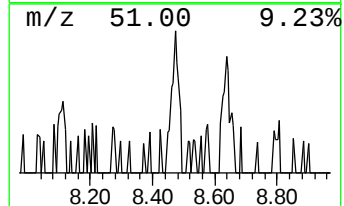
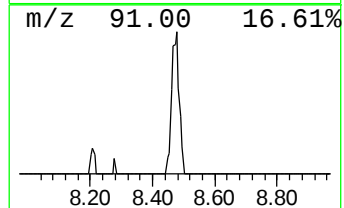
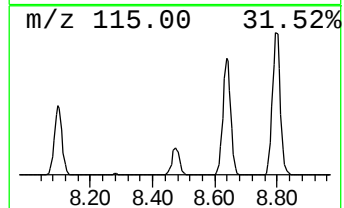
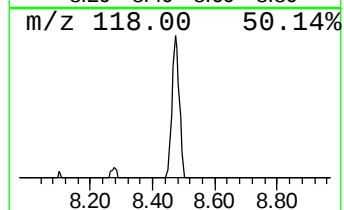
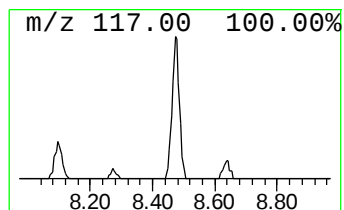
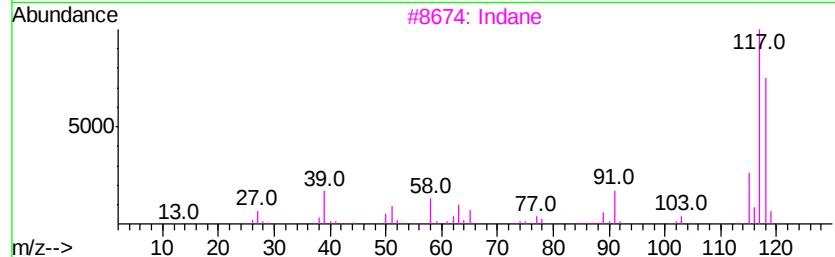
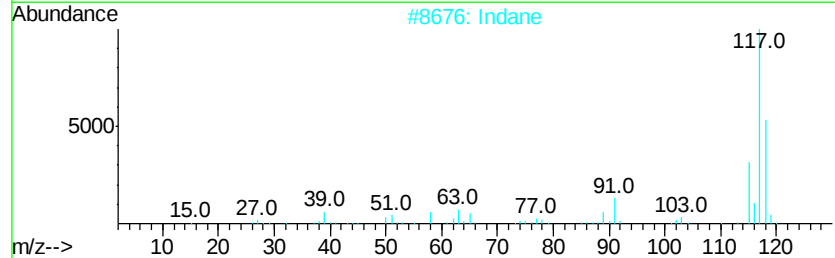
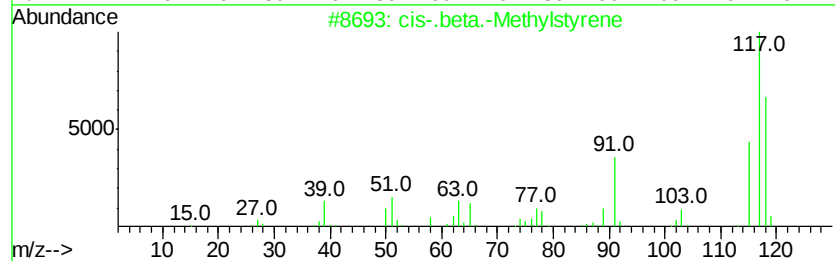
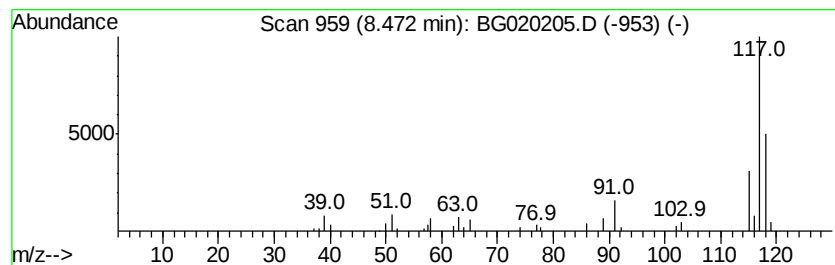
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 cis-.beta.-Methylstyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	7.11 ng/ul	37528	1,4-Dichlorobenzene-d4	8.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	90
2		Indane	118	C9H10	000496-11-7	87
3		Indane	118	C9H10	000496-11-7	87
4		Indane	118	C9H10	000496-11-7	83
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	81



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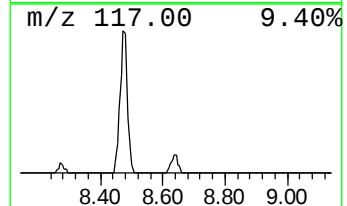
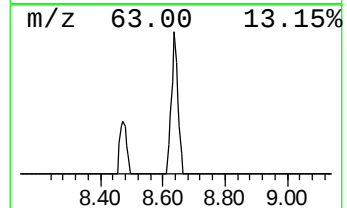
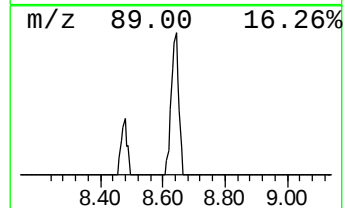
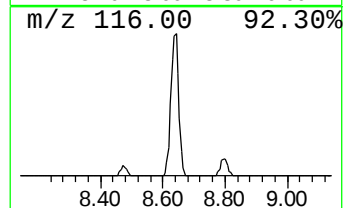
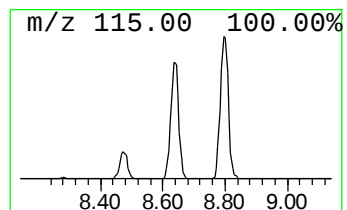
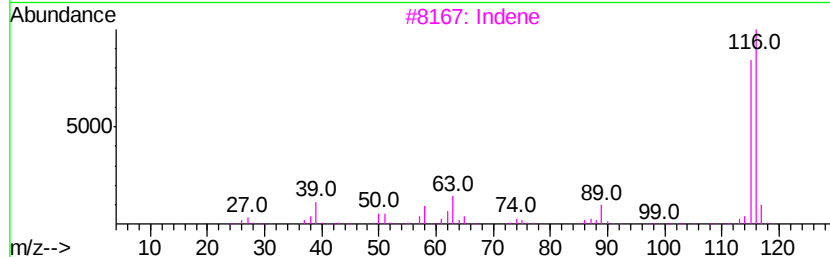
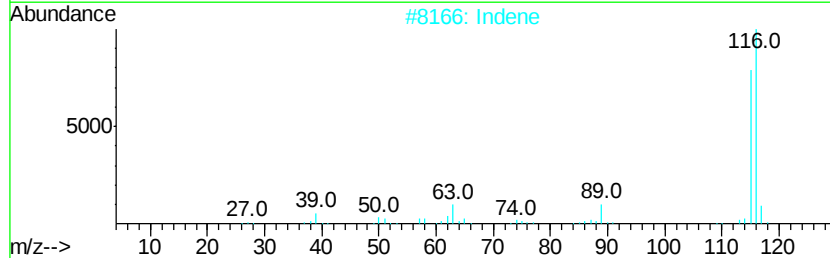
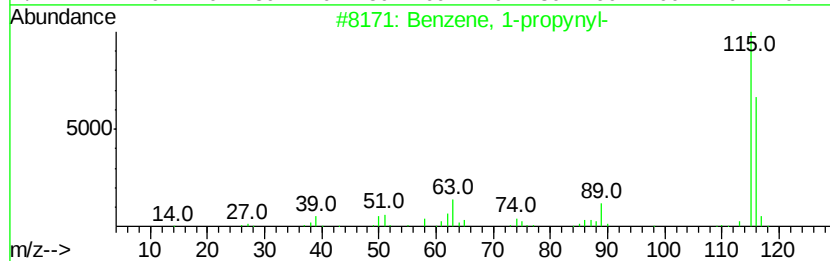
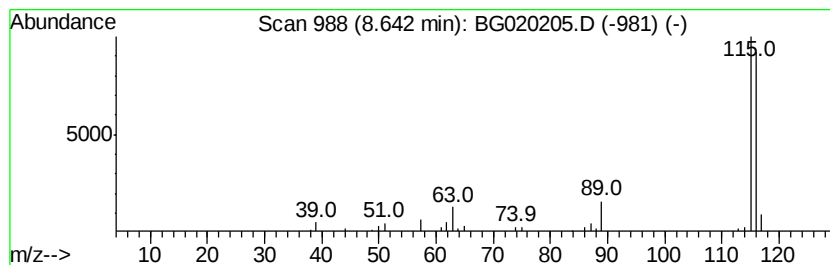
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 9 Benzene, 1-propynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	10.23 ng/ul	54003	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2		Indene	116	C9H8	000095-13-6	91
3		Indene	116	C9H8	000095-13-6	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	9.9	ng/ul	52158	1	8.10	105615	20.0
cis-.beta.-Methyl...	8.47	7.1	ng/ul	37528	1	8.10	105615	20.0
Benzene, 1-propynyl-	8.64	10.2	ng/ul	54003	1	8.10	105615	20.0