

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
 Data File : BM003687.D
 Acq On : 21 Dec 2015 21:42
 Operator : UM/SJ
 Sample : G4867-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA7

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_M\METHODS\SOM02.2-EPA-BM121915.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	3.152	8	11	15	rBV2	1188	1313	0.18%	0.018%
2	3.311	35	38	43	rVB2	736	1448	0.20%	0.020%
3	5.210	356	361	365	rBB	9791	12847	1.74%	0.175%
4	5.710	442	446	450	rBB	3663	4959	0.67%	0.068%
5	6.869	636	643	649	rBB	21332	31299	4.24%	0.427%
6	7.028	664	670	678	rBB	96123	141403	19.16%	1.931%
7	7.228	698	704	711	rBB	99761	154297	20.91%	2.107%
8	7.340	720	723	727	rBB	1634	2065	0.28%	0.028%
9	7.693	777	783	790	rBB	113505	170776	23.14%	2.332%
10	7.804	799	802	805	rBB	705	913	0.12%	0.012%
11	8.063	842	846	850	rBB	3043	4513	0.61%	0.062%
12	8.228	869	874	879	rBB	21595	33185	4.50%	0.453%
13	8.404	898	904	911	rBB	71724	107943	14.63%	1.474%
14	8.851	974	980	987	rBB	110664	172365	23.36%	2.354%
15	9.569	1097	1102	1108	rBB	93739	143333	19.43%	1.958%
16	9.916	1156	1161	1164	rBB	3145	5139	0.70%	0.070%
17	9.987	1169	1173	1177	rBV	3348	6180	0.84%	0.084%
18	10.022	1177	1179	1182	rVB2	1428	1599	0.22%	0.022%
19	10.104	1188	1193	1203	rBB	131508	210228	28.49%	2.871%
20	10.481	1251	1257	1263	rBV	149313	242493	32.86%	3.312%
21	10.534	1263	1266	1271	rVB	14945	19796	2.68%	0.270%
22	10.651	1283	1286	1290	rBB	847	1244	0.17%	0.017%
23	10.716	1294	1297	1300	rBB	917	1270	0.17%	0.017%
24	11.134	1364	1368	1374	rBB	3642	5862	0.79%	0.080%
25	11.833	1484	1487	1491	rBB	1754	2445	0.33%	0.033%
26	12.075	1526	1528	1532	rBB	1313	1702	0.23%	0.023%
27	12.375	1574	1579	1584	rBB	21298	31958	4.33%	0.436%
28	12.639	1621	1624	1626	rBB	3699	3171	0.43%	0.043%
29	12.869	1660	1663	1666	rBB	1366	1475	0.20%	0.020%
30	12.945	1674	1676	1679	rBB	1803	1801	0.24%	0.025%
31	13.175	1712	1715	1719	rBB	2373	3086	0.42%	0.042%
32	13.510	1768	1772	1773	rBV2	2407	3606	0.49%	0.049%
33	13.663	1794	1798	1803	rBB	5886	8698	1.18%	0.119%
34	13.757	1808	1814	1821	rBB	260854	343917	46.61%	4.697%

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35	13.904	1836	1839	1842	rBB	2151	2673	0.36%	0.037%
36	14.039	1856	1862	1871	rBV	282649	413698	56.07%	5.650%
37	14.351	1907	1915	1921	rBV2	524033	737879	100.00%	10.077%
38	14.410	1921	1925	1930	rVB	12775	16463	2.23%	0.225%
39	14.563	1947	1951	1957	rBB	12111	15967	2.16%	0.218%
40	14.745	1979	1982	1985	rBB2	1452	1666	0.23%	0.023%
41	15.022	2027	2029	2032	rBB2	1116	858	0.12%	0.012%
42	15.092	2037	2041	2045	rBB	11993	14641	1.98%	0.200%
43	15.169	2048	2054	2059	rBB2	15514	21095	2.86%	0.288%
44	15.222	2060	2063	2066	rBB	1548	1842	0.25%	0.025%
45	15.345	2078	2084	2089	rBV	370806	529696	71.79%	7.234%
46	15.398	2089	2093	2100	rVB	7915	10709	1.45%	0.146%
47	15.469	2100	2105	2110	rBV	98734	122764	16.64%	1.677%
48	15.580	2121	2124	2127	rBB	1578	1899	0.26%	0.026%
49	15.710	2142	2146	2149	rBB2	1571	1918	0.26%	0.026%
50	15.810	2160	2163	2166	rBB	1814	2402	0.33%	0.033%
51	16.398	2261	2263	2266	rVB	845	866	0.12%	0.012%
52	16.692	2310	2313	2316	rBB	1772	1802	0.24%	0.025%
53	16.916	2348	2351	2354	rBB	1121	1401	0.19%	0.019%
54	16.963	2357	2359	2361	rBB	1144	1015	0.14%	0.014%
55	17.098	2376	2382	2386	rBV	247470	353022	47.84%	4.821%
56	17.139	2386	2389	2393	rVV	26922	34389	4.66%	0.470%
57	17.192	2393	2398	2409	rVB2	400381	560973	76.03%	7.661%
58	17.380	2428	2430	2433	rBB	853	929	0.13%	0.013%
59	17.768	2491	2496	2501	rBB	167332	181525	24.60%	2.479%
60	17.974	2527	2531	2534	rBB	3753	4402	0.60%	0.060%
61	18.021	2535	2539	2542	rBB	3568	4205	0.57%	0.057%
62	18.063	2543	2546	2549	rBV	1156	1423	0.19%	0.019%
63	18.092	2549	2551	2555	rVB2	3237	3325	0.45%	0.045%
64	18.168	2559	2564	2568	rBV2	3988	7471	1.01%	0.102%
65	18.204	2568	2570	2573	rVB	2213	2223	0.30%	0.030%
66	18.580	2631	2634	2637	rBB	3122	3603	0.49%	0.049%
67	18.898	2685	2688	2691	rBB2	1367	1192	0.16%	0.016%
68	19.127	2724	2727	2730	rBV	2994	3882	0.53%	0.053%
69	19.162	2730	2733	2736	rVB	5484	5759	0.78%	0.079%
70	19.315	2756	2759	2762	rVV	965	1060	0.14%	0.014%
71	19.386	2766	2771	2776	rVB	2001	2580	0.35%	0.035%

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72	19.498	2784	2790	2799	rBV	496866	659136	89.33%	9.002%
73	19.727	2827	2829	2832	rVB	845	908	0.12%	0.012%
74	20.027	2875	2880	2883	rBV	1101	1432	0.19%	0.020%
75	20.127	2894	2897	2899	rBV	1093	1047	0.14%	0.014%
76	20.604	2972	2978	2981	rBV3	474	1016	0.14%	0.014%
77	21.292	3090	3095	3100	rBV	362354	447374	60.63%	6.110%
78	21.333	3100	3102	3105	rVB2	2399	2139	0.29%	0.029%
79	21.874	3192	3194	3199	rBV4	2498	2277	0.31%	0.031%
80	22.339	3270	3273	3276	rBV2	4971	5318	0.72%	0.073%
81	22.797	3349	3351	3354	rBV3	2801	3116	0.42%	0.043%
82	22.845	3356	3359	3363	rVB	6053	7347	1.00%	0.100%
83	23.397	3445	3453	3465	rBV	390676	729532	98.87%	9.963%
84	23.539	3470	3477	3488	rVB	249542	448289	60.75%	6.122%
85	24.056	3560	3565	3569	rBV	11624	19152	2.60%	0.262%
86	24.797	3686	3691	3698	rVB	12952	25325	3.43%	0.346%
87	25.668	3835	3839	3845	rVB3	8929	17134	2.32%	0.234%

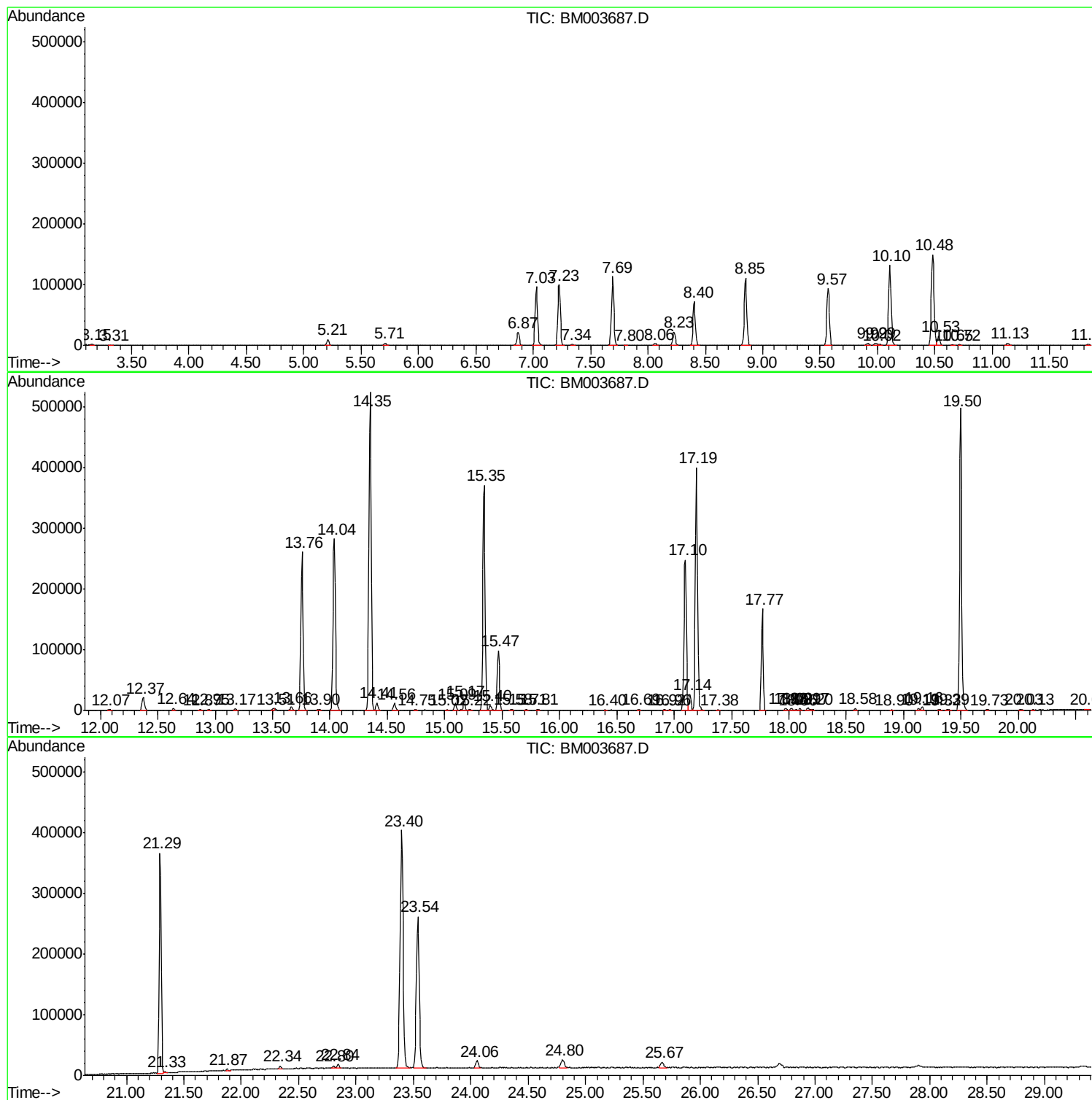
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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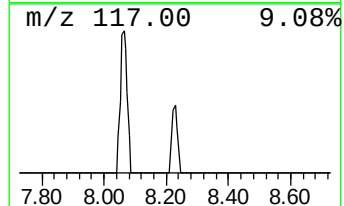
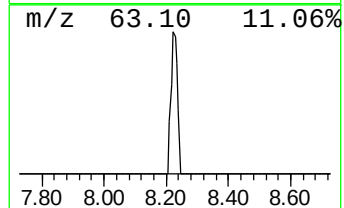
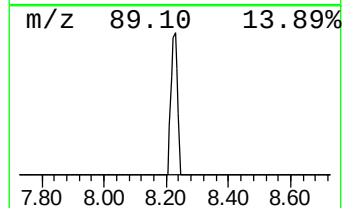
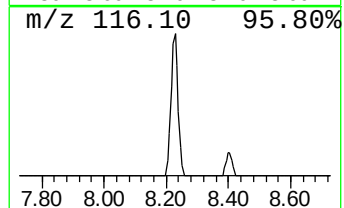
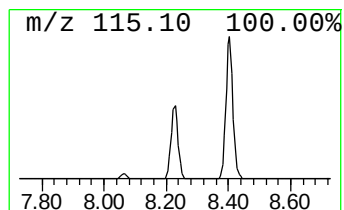
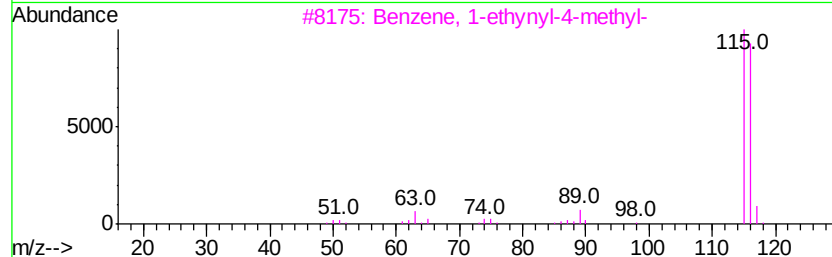
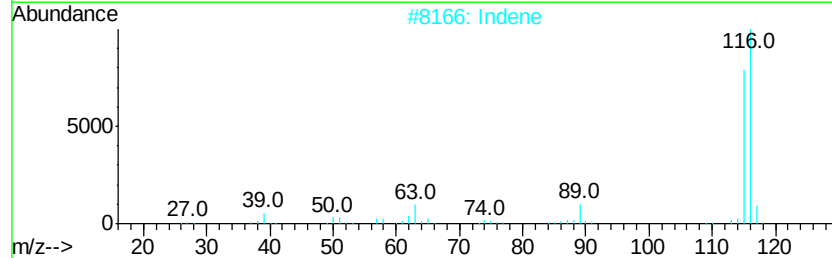
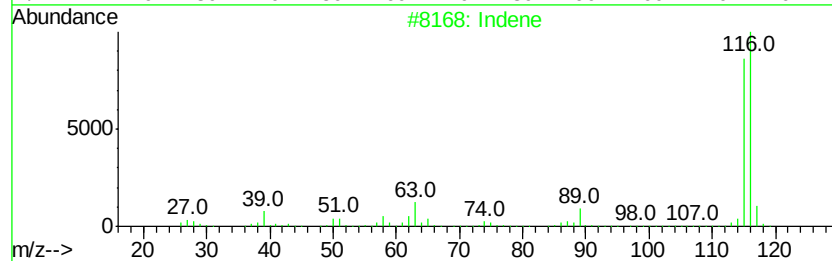
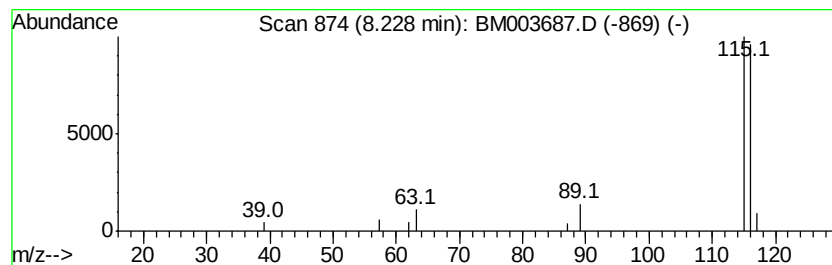
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	3.89 ng/ul	33185	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	90
2		Indene	116	C9H8	000095-13-6	90
3		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	83



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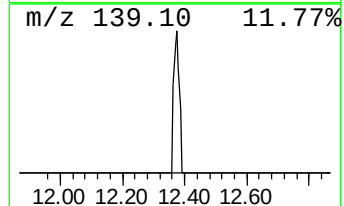
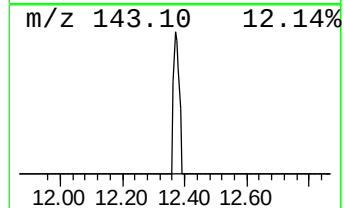
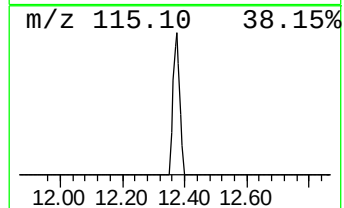
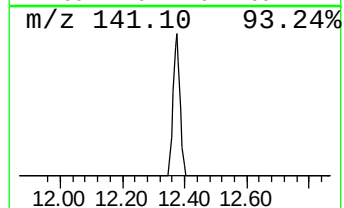
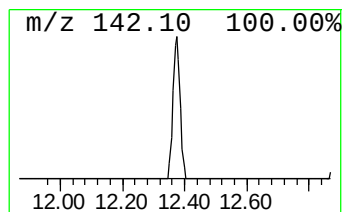
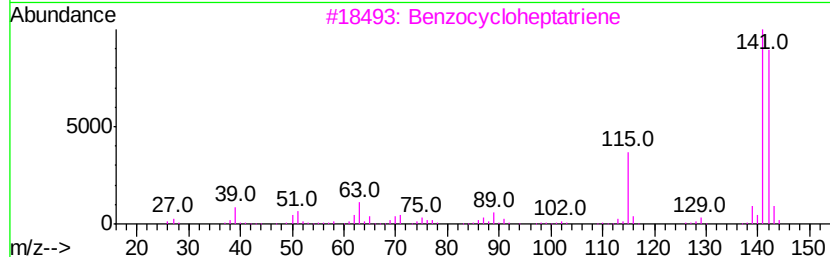
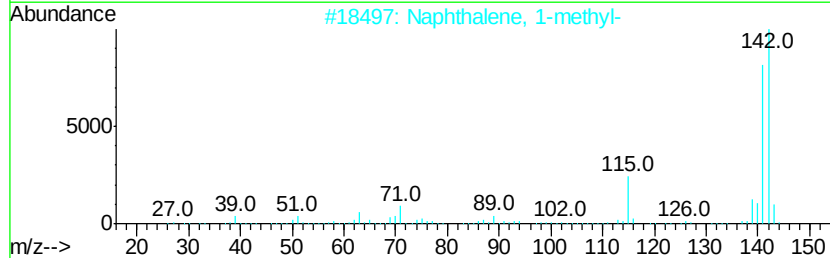
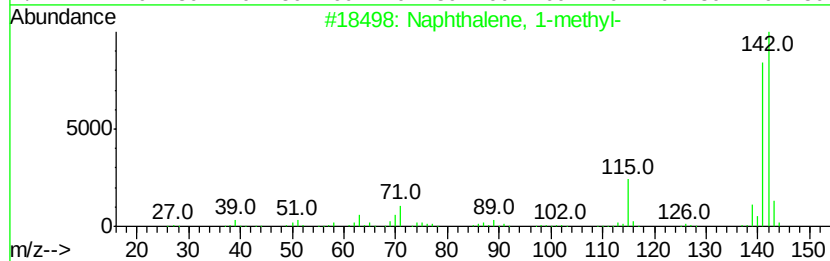
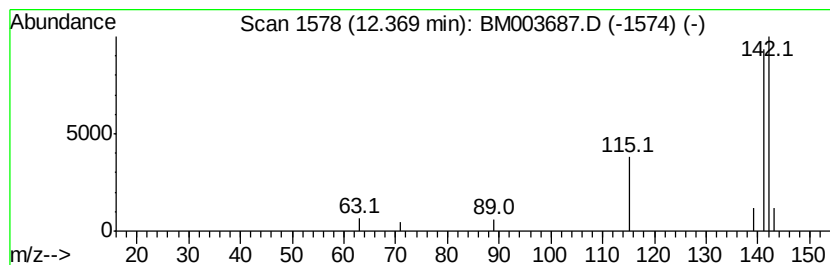
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.64 ng/ul	31958	Naphthalene-d8	10.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3		Benzocycloheptatriene	142	C11H10	000264-09-5	90
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90



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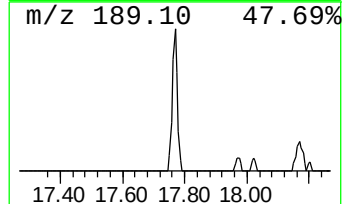
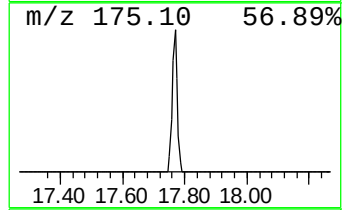
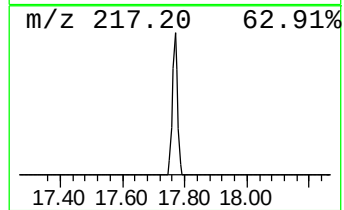
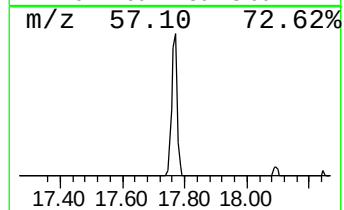
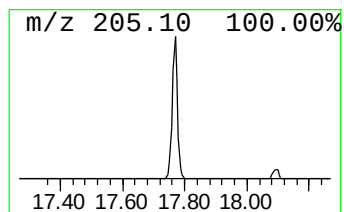
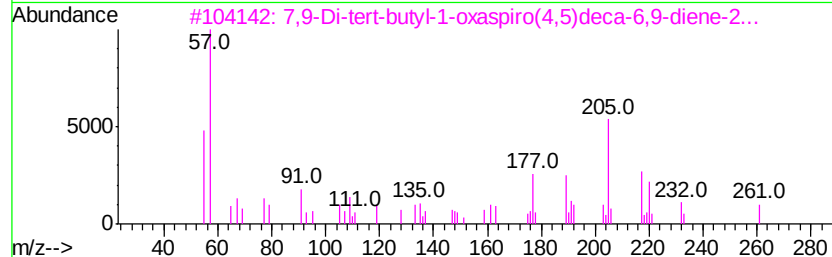
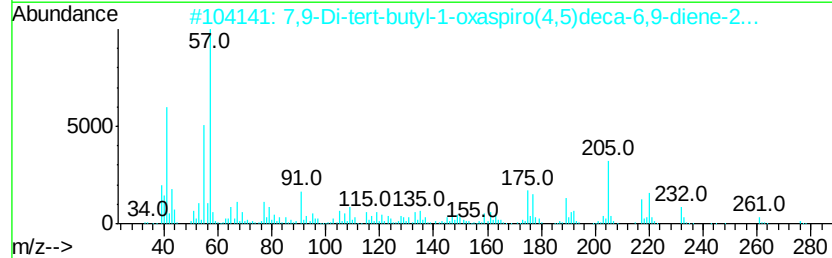
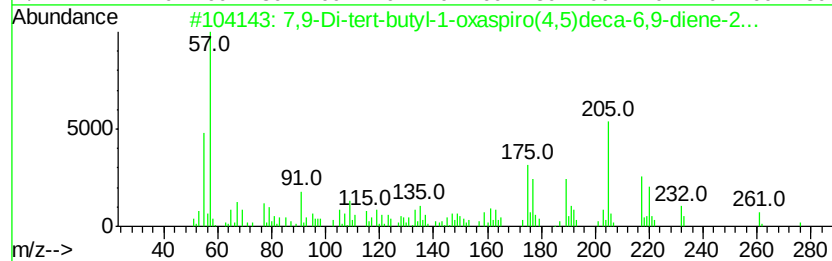
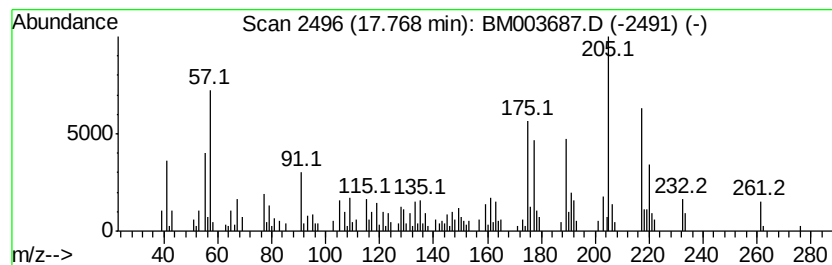
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	10.28 ng/ul	181525	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	98
2		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	97
3		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	91
4		2,5-Cyclohexadien-1-one, 2,6-bis(4-methylphenyl)-	232	C16H24O	006738-27-8	84
5		Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromene-2-yl)-	220	C14H20O2	071596-88-8	56



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indene	8.23	3.9	ng/ul	33185	1	7.69	170776	20.0
Naphthalene, 1-me...	12.37	2.6	ng/ul	31958	2	10.48	242493	20.0
7,9-Di-tert-butyl...	17.77	10.3	ng/ul	181525	4	17.10	353022	20.0