

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
 Data File : BM004268.D
 Acq On : 15 Feb 2016 20:29
 Operator : SJ/UM
 Sample : H1416-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QE7

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-BM021216.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	2.769	9	14	23	rBV	94205	147828	22.98%	2.007%
2	2.846	23	27	35	rVB	46483	53562	8.33%	0.727%
3	3.110	68	72	74	rBV	1606	1584	0.25%	0.022%
4	4.287	270	272	275	rBB	2049	2149	0.33%	0.029%
5	6.828	699	704	712	rBB	32858	50001	7.77%	0.679%
6	6.981	724	730	738	rBB	104397	153768	23.90%	2.088%
7	7.175	758	763	772	rBB	118273	184846	28.73%	2.510%
8	7.645	837	843	849	rBB	100003	156281	24.29%	2.122%
9	7.734	855	858	861	rBB	1407	1505	0.23%	0.020%
10	8.357	959	964	974	rBB	102514	159570	24.80%	2.167%
11	8.804	1034	1040	1049	rBB	124973	198696	30.89%	2.698%
12	9.028	1074	1078	1082	rBB	7447	10261	1.59%	0.139%
13	9.522	1156	1162	1169	rBB	110492	173139	26.91%	2.351%
14	10.063	1248	1254	1266	rBB	160490	265234	41.23%	3.602%
15	10.428	1310	1316	1325	rBB	159429	258780	40.23%	3.514%
16	10.551	1332	1337	1340	rBV	11261	18305	2.85%	0.249%
17	10.580	1340	1342	1351	rVB	8766	12717	1.98%	0.173%
18	11.504	1495	1499	1504	rBB	822	1354	0.21%	0.018%
19	11.633	1517	1521	1526	rBB	3619	4812	0.75%	0.065%
20	11.816	1547	1552	1553	rBV2	2262	3167	0.49%	0.043%
21	11.839	1553	1556	1560	rVB	4572	6306	0.98%	0.086%
22	12.033	1584	1589	1592	rVB2	1782	2563	0.40%	0.035%
23	12.116	1599	1603	1605	rBB	1372	1980	0.31%	0.027%
24	12.157	1606	1610	1616	rBB2	4162	6046	0.94%	0.082%
25	12.404	1649	1652	1656	rBB	2461	2476	0.38%	0.034%
26	12.457	1657	1661	1664	rBB	2255	2296	0.36%	0.031%
27	12.657	1690	1695	1700	rBB2	1347	2649	0.41%	0.036%
28	12.833	1721	1725	1728	rBV2	1852	2526	0.39%	0.034%
29	13.198	1782	1787	1792	rVB	5389	7473	1.16%	0.101%
30	13.339	1807	1811	1818	rBV2	8456	13528	2.10%	0.184%
31	13.545	1840	1846	1848	rVV3	1663	2574	0.40%	0.035%
32	13.716	1869	1875	1881	rVB	303737	414104	64.37%	5.623%
33	13.804	1887	1890	1893	rBV	1263	1868	0.29%	0.025%
34	13.857	1893	1899	1904	rVB3	4793	8003	1.24%	0.109%

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35	13.992	1916	1922	1929	rBV	352692	515377	80.11%	6.999%
36	14.039	1929	1930	1937	rVV3	3547	4632	0.72%	0.063%
37	14.133	1944	1946	1950	rVB2	2434	2117	0.33%	0.029%
38	14.221	1960	1961	1965	rVB3	1705	1873	0.29%	0.025%
39	14.304	1965	1975	1983	rBV2	233008	345586	53.72%	4.693%
40	14.368	1983	1986	1991	rBV2	2279	3749	0.58%	0.051%
41	14.427	1994	1996	1998	rBV2	1099	1348	0.21%	0.018%
42	14.474	2001	2004	2007	rVB4	2136	2538	0.39%	0.034%
43	14.545	2011	2016	2027	rVB	20142	34899	5.42%	0.474%
44	14.627	2027	2030	2032	rBV2	2108	2337	0.36%	0.032%
45	14.657	2032	2035	2045	rVB2	5261	9000	1.40%	0.122%
46	14.745	2045	2050	2051	rBV3	1711	2782	0.43%	0.038%
47	14.768	2051	2054	2058	rVB2	3056	3493	0.54%	0.047%
48	14.916	2075	2079	2084	rBV3	2288	3883	0.60%	0.053%
49	14.992	2089	2092	2098	rVB4	2068	3461	0.54%	0.047%
50	15.051	2098	2102	2106	rBV3	4638	7199	1.12%	0.098%
51	15.110	2108	2112	2114	rBV2	2918	3141	0.49%	0.043%
52	15.133	2114	2116	2120	rBV3	2198	2782	0.43%	0.038%
53	15.198	2123	2127	2132	rVB3	3410	6024	0.94%	0.082%
54	15.304	2138	2145	2152	rBV	427096	627294	97.51%	8.519%
55	15.439	2163	2168	2176	rBV	122481	173599	26.98%	2.357%
56	15.533	2183	2184	2191	rVB4	5320	7957	1.24%	0.108%
57	15.592	2191	2194	2195	rBV3	1532	1623	0.25%	0.022%
58	15.621	2195	2199	2202	rBV5	2816	4514	0.70%	0.061%
59	15.762	2219	2223	2225	rBV4	1620	2254	0.35%	0.031%
60	15.815	2230	2232	2236	rBV3	2870	4018	0.62%	0.055%
61	15.921	2248	2250	2251	rBV2	1479	1334	0.21%	0.018%
62	16.198	2294	2297	2301	rVB2	2680	3572	0.56%	0.049%
63	16.233	2301	2303	2305	rBV3	1581	1529	0.24%	0.021%
64	16.268	2307	2309	2311	rVB	2492	1825	0.28%	0.025%
65	16.321	2314	2318	2323	rVV5	3358	5255	0.82%	0.071%
66	16.380	2326	2328	2331	rVV4	2325	2412	0.37%	0.033%
67	16.421	2331	2335	2338	rVB2	2870	3311	0.51%	0.045%
68	16.504	2347	2349	2352	rVB3	2613	2079	0.32%	0.028%
69	16.562	2354	2359	2364	rBV4	8151	14647	2.28%	0.199%
70	16.615	2364	2368	2375	rVB5	2835	6762	1.05%	0.092%
71	16.680	2375	2379	2382	rBV	5453	8990	1.40%	0.122%

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72	16.780	2393	2396	2399	rBV4	3841	4469	0.69%	0.061%
73	16.833	2400	2405	2409	rBV6	4346	8358	1.30%	0.114%
74	16.927	2416	2421	2424	rBV3	7147	11005	1.71%	0.149%
75	16.957	2424	2426	2431	rVV5	3724	5046	0.78%	0.069%
76	17.015	2434	2436	2437	rBV2	2915	2042	0.32%	0.028%
77	17.057	2437	2443	2451	rVV	265658	381484	59.30%	5.181%
78	17.157	2451	2460	2468	rVB	441128	638690	99.28%	8.673%
79	17.227	2468	2472	2476	rBV4	8253	11780	1.83%	0.160%
80	17.421	2503	2505	2511	rVB6	4830	6145	0.96%	0.083%
81	17.486	2512	2516	2517	rBV3	4204	4765	0.74%	0.065%
82	17.515	2518	2521	2524	rVB5	6010	8188	1.27%	0.111%
83	17.698	2549	2552	2553	rBV3	3282	3481	0.54%	0.047%
84	17.956	2593	2596	2600	rVB	6584	8030	1.25%	0.109%
85	18.109	2620	2622	2623	rBV2	2253	1923	0.30%	0.026%
86	18.168	2629	2632	2635	rBV2	9592	11775	1.83%	0.160%
87	18.251	2643	2646	2647	rBV3	2144	2266	0.35%	0.031%
88	18.339	2655	2661	2664	rBV6	3452	7528	1.17%	0.102%
89	18.892	2754	2755	2761	rVB3	2776	2897	0.45%	0.039%
90	19.098	2788	2790	2793	rVB2	3939	3296	0.51%	0.045%
91	19.180	2802	2804	2806	rBV2	3077	1934	0.30%	0.026%
92	19.251	2812	2816	2823	rVB5	7140	10259	1.59%	0.139%
93	19.351	2831	2833	2836	rBV2	3637	2736	0.43%	0.037%
94	19.462	2847	2852	2858	rBV	472085	643330	100.00%	8.736%
95	19.521	2858	2862	2867	rVV	67966	89151	13.86%	1.211%
96	19.880	2920	2923	2927	rBV6	6000	7967	1.24%	0.108%
97	19.939	2931	2933	2938	rVB4	6468	6976	1.08%	0.095%
98	21.268	3154	3159	3165	rVB	296634	375300	58.34%	5.097%
99	23.356	3507	3514	3524	rVB	330992	596824	92.77%	8.105%
100	23.497	3531	3538	3549	rVB	185840	345030	53.63%	4.685%

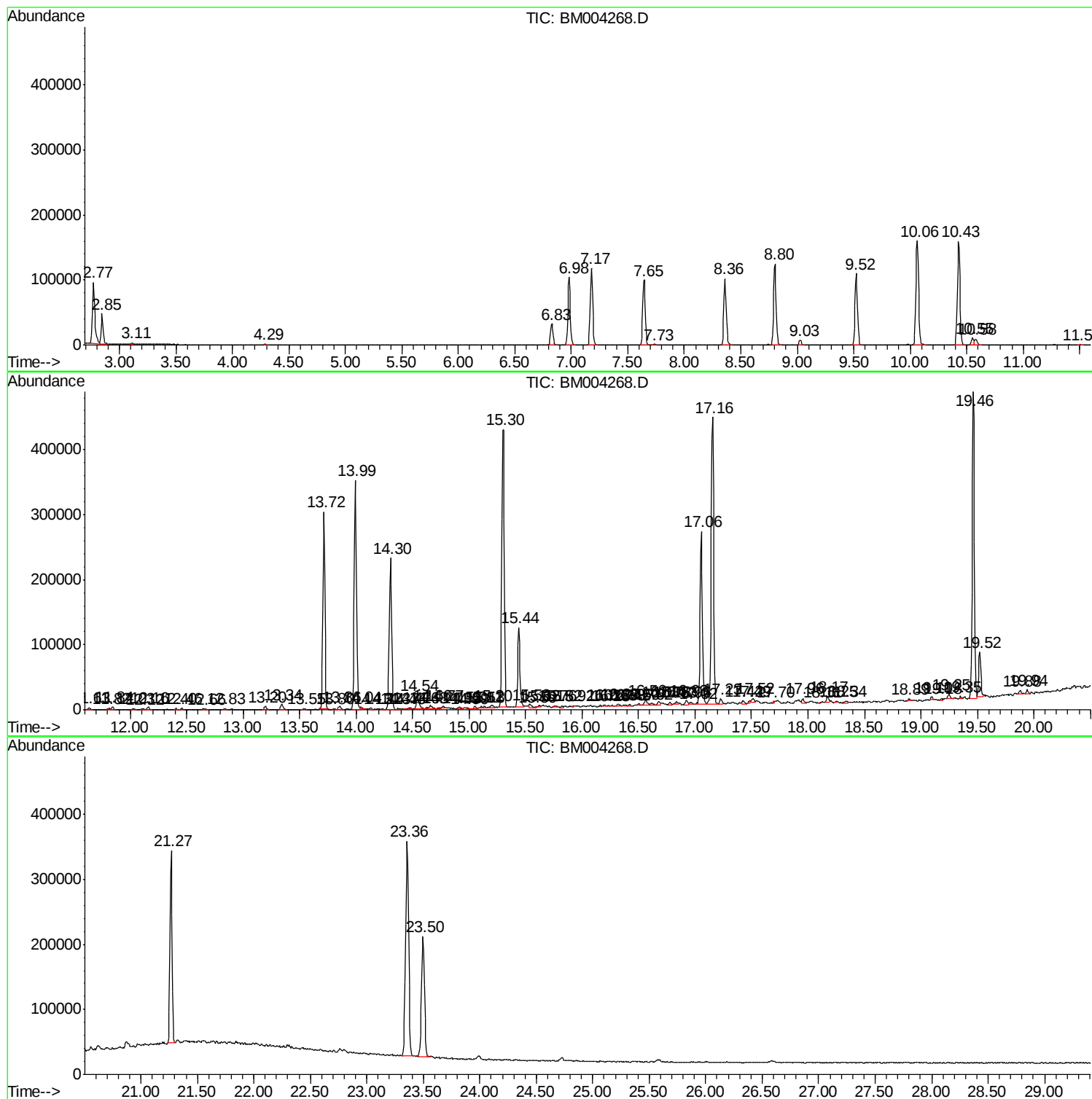
Sum of corrected areas: 7363822

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



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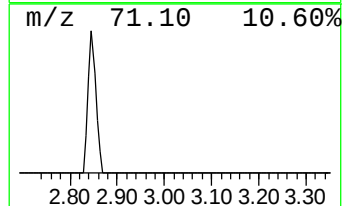
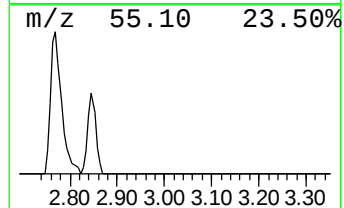
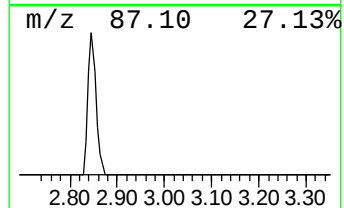
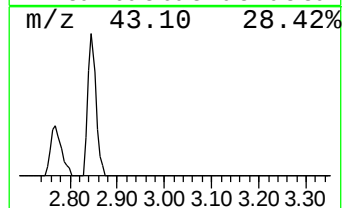
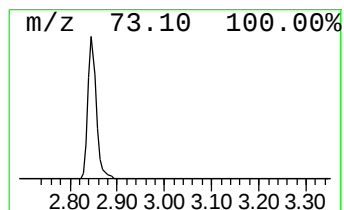
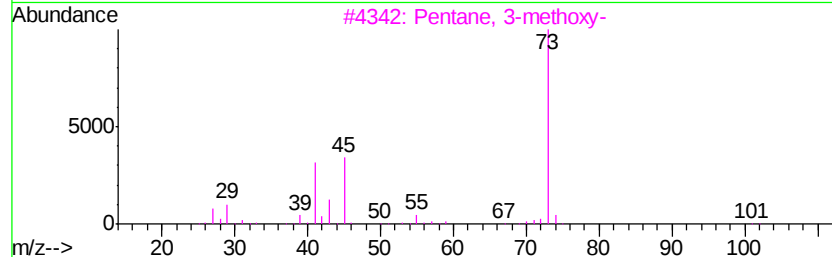
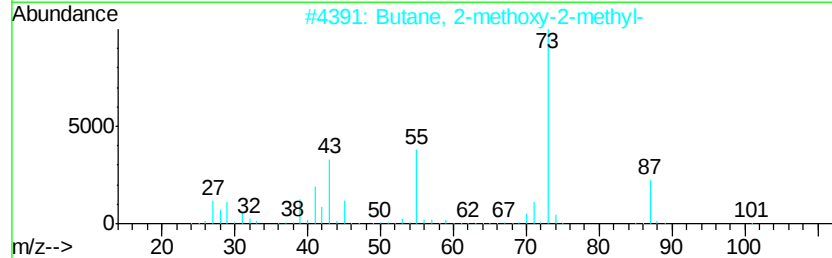
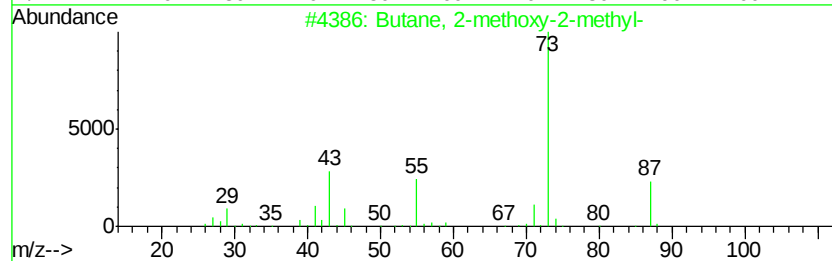
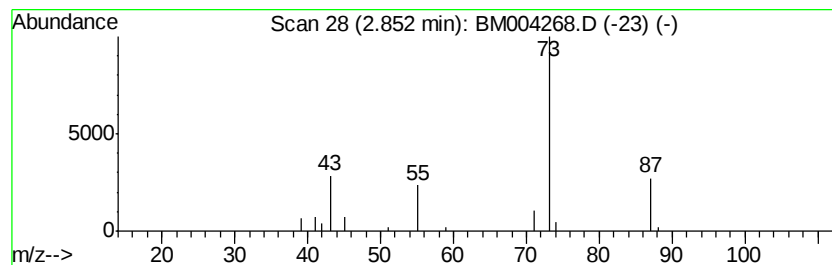
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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.
2.85	6.85 ng/ul	53562	1,4-Dichlorobenzene-d4	7.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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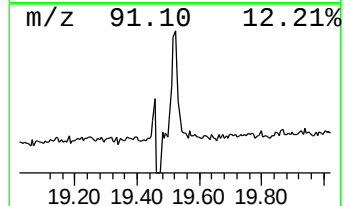
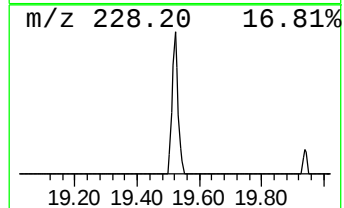
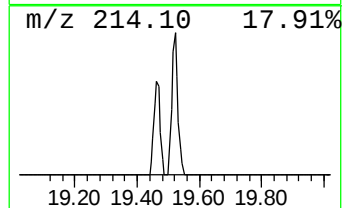
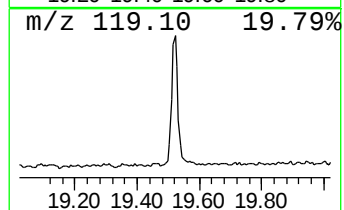
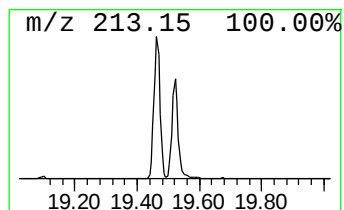
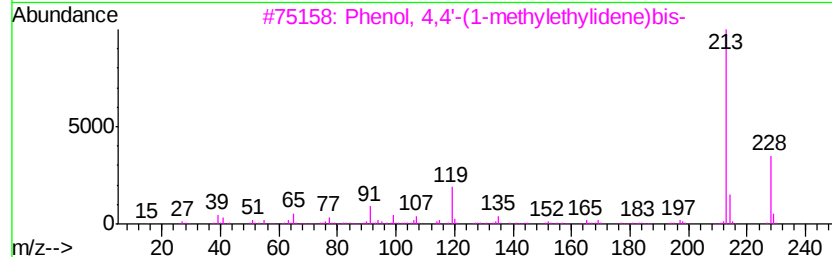
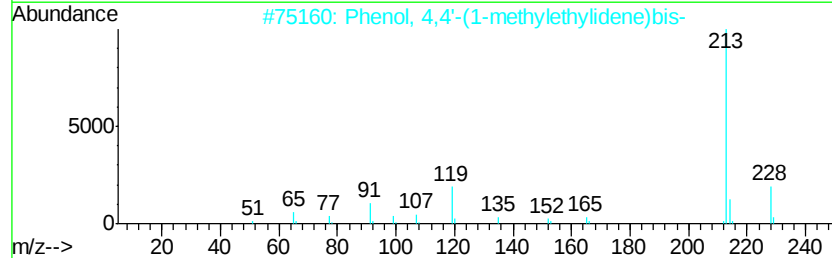
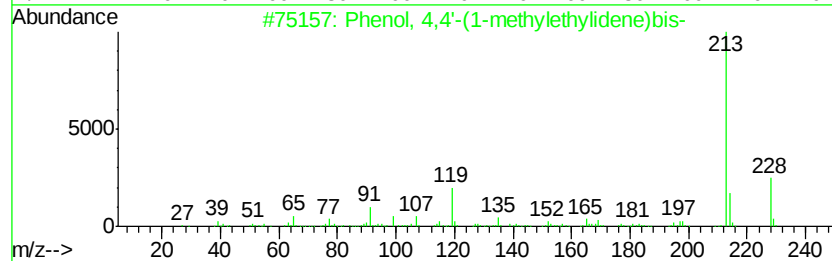
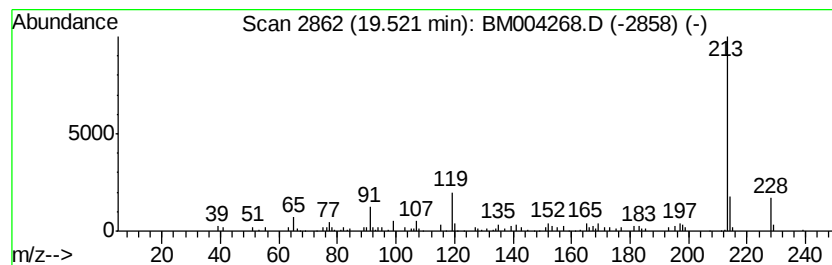
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	4.75 ng/ul	89151	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95	
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93	
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	91	
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	64	
5	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	58	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.85	6.8	ng/ul	53562	1	7.65	156281	20.0
Phenol, 4,4'-(1-m...	19.52	4.8	ng/ul	89151	5	21.27	375300	20.0