

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001982.D
 Acq On : 20 Jul 2015 20:05
 Operator : TP/UM
 Sample : G3000-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B0

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 : S:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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	2.799	15	19	20	rBV3	2540	3070	0.21%	0.025%
2	2.834	20	25	28	rVV2	30578	38911	2.64%	0.313%
3	2.869	28	31	37	rVV	81421	110482	7.50%	0.888%
4	2.916	37	39	47	rVB	24944	33948	2.30%	0.273%
5	3.134	73	76	81	rVB2	4357	5922	0.40%	0.048%
6	3.551	145	147	150	rVB2	2067	2134	0.14%	0.017%
7	3.651	158	164	171	rBV	19081	25611	1.74%	0.206%
8	3.716	173	175	182	rVB2	1513	2444	0.17%	0.020%
9	4.346	273	282	283	rBV	1742	4050	0.27%	0.033%
10	4.410	290	293	297	rVB3	3787	4676	0.32%	0.038%
11	4.869	366	371	373	rVB2	3069	3977	0.27%	0.032%
12	5.304	442	445	448	rBV2	1919	2591	0.18%	0.021%
13	6.822	697	703	713	rVB	102684	159379	10.82%	1.281%
14	6.992	723	732	738	rBB	73404	112120	7.61%	0.901%
15	7.181	759	764	771	rBV	100514	155212	10.54%	1.247%
16	7.651	838	844	851	rBB	348895	555035	37.68%	4.460%
17	8.357	959	964	973	rBB2	97931	147267	10.00%	1.183%
18	8.475	978	984	990	rBB	25427	38345	2.60%	0.308%
19	8.810	1035	1041	1048	rBB	87045	140723	9.55%	1.131%
20	8.922	1055	1060	1066	rBB2	5022	6526	0.44%	0.052%
21	9.528	1158	1163	1170	rBB	66623	106939	7.26%	0.859%
22	9.675	1185	1188	1195	rBB2	3052	5680	0.39%	0.046%
23	9.892	1221	1225	1229	rVB	1824	2403	0.16%	0.019%
24	10.063	1247	1254	1263	rBB	136691	213529	14.50%	1.716%
25	10.439	1311	1318	1324	rBV	484456	819577	55.64%	6.585%
26	10.492	1324	1327	1333	rVB	12841	18234	1.24%	0.147%
27	10.586	1335	1343	1352	rBV	60043	101053	6.86%	0.812%
28	12.116	1599	1603	1606	rVB	3610	5152	0.35%	0.041%
29	12.327	1637	1639	1644	rVB	2694	4016	0.27%	0.032%
30	12.651	1689	1694	1698	rBV3	4553	7020	0.48%	0.056%
31	12.904	1733	1737	1741	rVB	9674	13109	0.89%	0.105%
32	13.121	1771	1774	1781	rVB2	1718	2093	0.14%	0.017%
33	13.616	1853	1858	1862	rBV3	19715	26192	1.78%	0.210%
34	13.721	1871	1876	1880	rVV	262082	354181	24.04%	2.846%

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35	13.768	1880	1884	1889	rVV	224905	295098	20.03%	2.371%
36	13.845	1893	1897	1902	rVV3	2170	3696	0.25%	0.030%
37	13.915	1905	1909	1913	rVB3	3696	5857	0.40%	0.047%
38	13.998	1918	1923	1937	rVB	253384	376346	25.55%	3.024%
39	14.210	1954	1959	1963	rBV3	6750	8799	0.60%	0.071%
40	14.310	1966	1976	1983	rBV2	737908	1135008	77.05%	9.120%
41	14.374	1983	1987	1991	rVB	6577	8324	0.57%	0.067%
42	14.515	2006	2011	2021	rBV	89703	129464	8.79%	1.040%
43	14.627	2024	2030	2034	rBV	12646	19009	1.29%	0.153%
44	14.668	2034	2037	2040	rVB2	3768	4521	0.31%	0.036%
45	14.710	2040	2044	2050	rBV3	5626	8758	0.59%	0.070%
46	14.821	2059	2063	2068	rVB3	1889	3626	0.25%	0.029%
47	14.927	2078	2081	2086	rVB	1896	2507	0.17%	0.020%
48	14.974	2086	2089	2093	rBV2	1887	2393	0.16%	0.019%
49	15.104	2105	2111	2115	rBV2	9016	13587	0.92%	0.109%
50	15.162	2116	2121	2125	rVB3	14301	20407	1.39%	0.164%
51	15.304	2139	2145	2151	rBV	378977	524857	35.63%	4.217%
52	15.357	2151	2154	2159	rVV2	10152	15203	1.03%	0.122%
53	15.433	2162	2167	2171	rVB	15719	20611	1.40%	0.166%
54	15.515	2179	2181	2184	rBV2	3085	3585	0.24%	0.029%
55	15.568	2184	2190	2195	rVB6	4431	9856	0.67%	0.079%
56	15.657	2201	2205	2208	rBV3	4267	4542	0.31%	0.036%
57	15.715	2212	2215	2217	rBV2	3215	3682	0.25%	0.030%
58	15.780	2221	2226	2227	rBV3	2501	3184	0.22%	0.026%
59	15.804	2227	2230	2231	rVV	2213	2317	0.16%	0.019%
60	15.821	2231	2233	2235	rVB3	3719	3320	0.23%	0.027%
61	15.862	2235	2240	2244	rBV4	3077	5453	0.37%	0.044%
62	16.015	2260	2266	2274	rBV	153955	221364	15.03%	1.779%
63	16.074	2274	2276	2281	rVV2	4620	6638	0.45%	0.053%
64	16.115	2281	2283	2288	rVV4	4258	5595	0.38%	0.045%
65	16.198	2291	2297	2303	rVV3	9191	13258	0.90%	0.107%
66	16.256	2303	2307	2313	rVB3	16909	25532	1.73%	0.205%
67	16.345	2320	2322	2323	rBV2	2155	2117	0.14%	0.017%
68	16.362	2323	2325	2329	rVV4	3500	5685	0.39%	0.046%
69	16.415	2332	2334	2338	rVB4	3114	3405	0.23%	0.027%
70	16.468	2338	2343	2346	rVB5	2760	3907	0.27%	0.031%
71	16.539	2349	2355	2356	rBV4	3709	6985	0.47%	0.056%

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72	16.615	2361	2368	2374	rBV5	7367	17559	1.19%	0.141%
73	16.709	2380	2384	2388	rVB4	5766	9206	0.62%	0.074%
74	16.762	2388	2393	2396	rBV4	6356	9273	0.63%	0.075%
75	16.815	2399	2402	2406	rVV2	32374	46480	3.16%	0.373%
76	16.868	2408	2411	2420	rVB5	10079	22537	1.53%	0.181%
77	17.056	2437	2443	2448	rBV2	950130	1376112	93.42%	11.057%
78	17.098	2448	2450	2455	rVB	104136	120875	8.21%	0.971%
79	17.156	2455	2460	2465	rBV	372072	507766	34.47%	4.080%
80	17.256	2471	2477	2480	rBV8	7545	16716	1.13%	0.134%
81	17.327	2487	2489	2491	rBV3	6884	6693	0.45%	0.054%
82	17.403	2499	2502	2506	rBV	19569	26725	1.81%	0.215%
83	17.445	2506	2509	2510	rVV3	18904	19929	1.35%	0.160%
84	17.462	2510	2512	2517	rVB	22038	30106	2.04%	0.242%
85	17.551	2524	2527	2531	rBV3	20744	22818	1.55%	0.183%
86	17.639	2540	2542	2545	rVB4	5141	3565	0.24%	0.029%
87	17.733	2554	2558	2561	rBV6	7659	10004	0.68%	0.080%
88	17.833	2571	2575	2578	rBV6	6621	10397	0.71%	0.084%
89	17.874	2580	2582	2585	rBV3	5820	7052	0.48%	0.057%
90	17.951	2588	2595	2598	rBV3	74418	127328	8.64%	1.023%
91	18.127	2620	2625	2629	rBV3	30513	57217	3.88%	0.460%
92	18.245	2642	2645	2649	rBV2	19695	26889	1.83%	0.216%
93	18.439	2675	2678	2681	rVB	16424	18604	1.26%	0.149%
94	18.480	2682	2685	2690	rVB6	20720	31787	2.16%	0.255%
95	19.121	2790	2794	2800	rBV	236022	314482	21.35%	2.527%
96	19.180	2800	2804	2808	rVB2	63407	85134	5.78%	0.684%
97	19.456	2847	2851	2855	rBV	410718	650313	44.15%	5.225%
98	19.486	2855	2856	2866	rVB	212373	243633	16.54%	1.958%
99	21.256	3152	3157	3162	rBV	992028	1473026	100.00%	11.836%
100	23.491	3533	3537	3544	rVB2	572900	993376	67.44%	7.982%

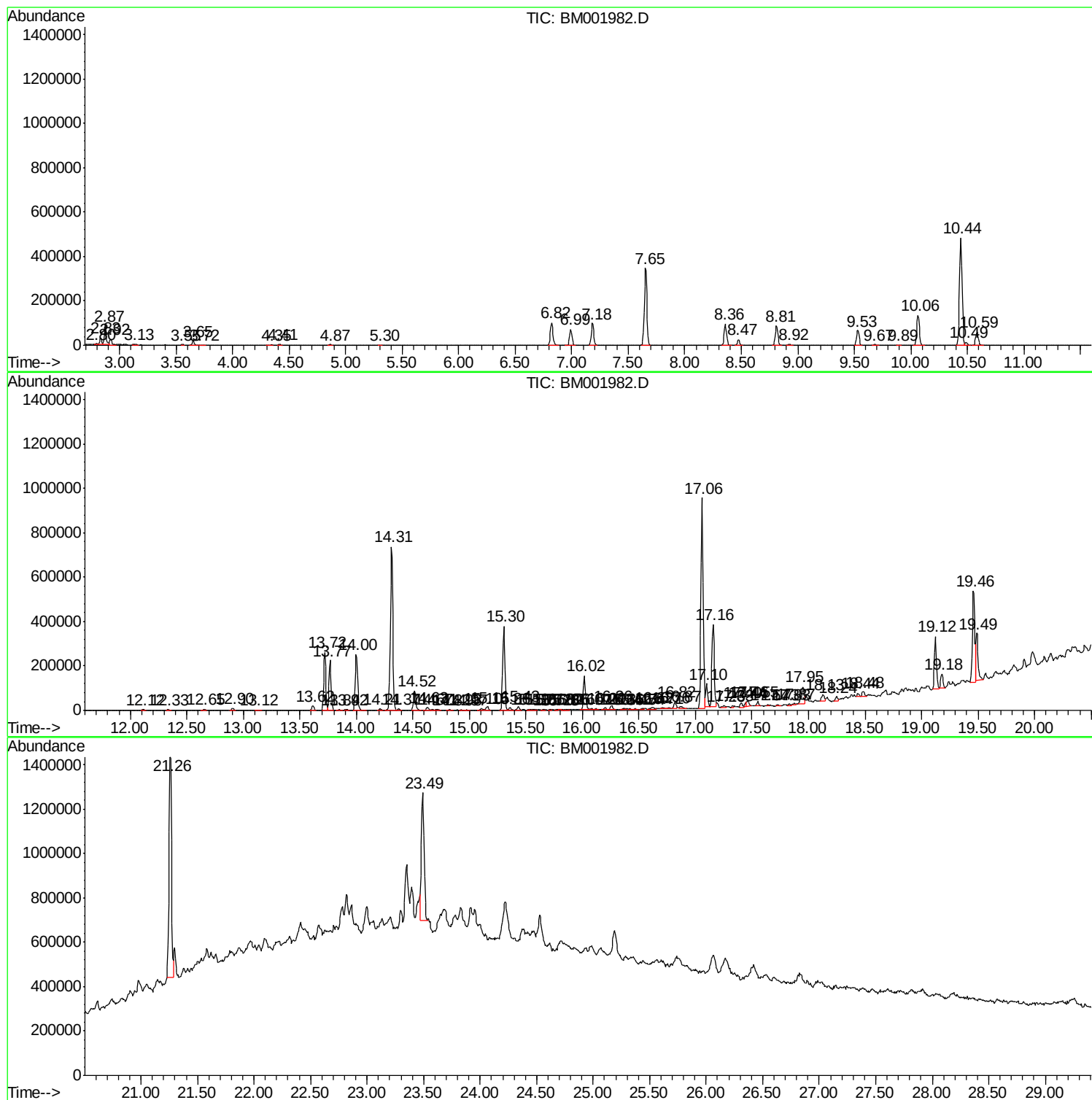
Sum of corrected areas: 12445699

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



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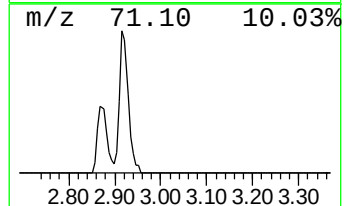
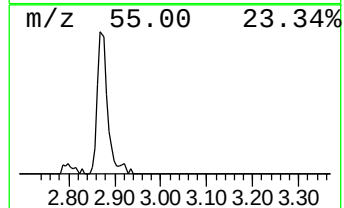
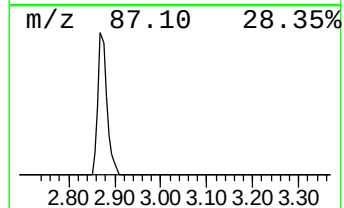
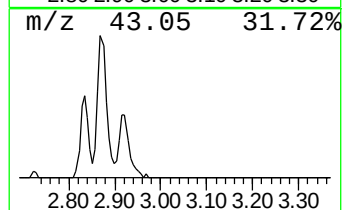
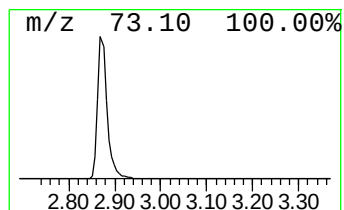
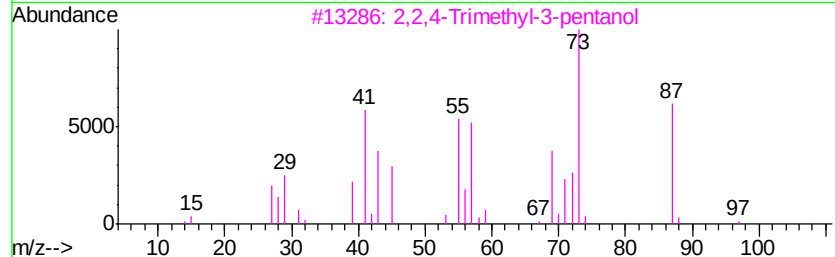
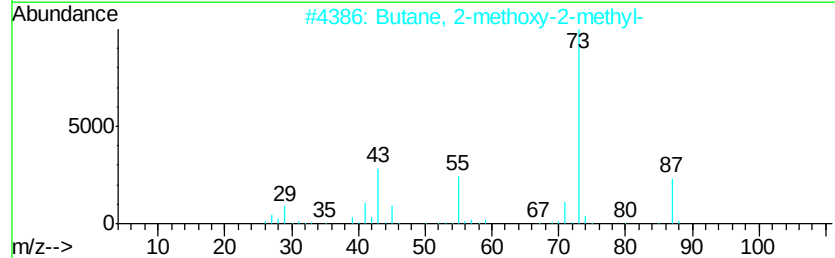
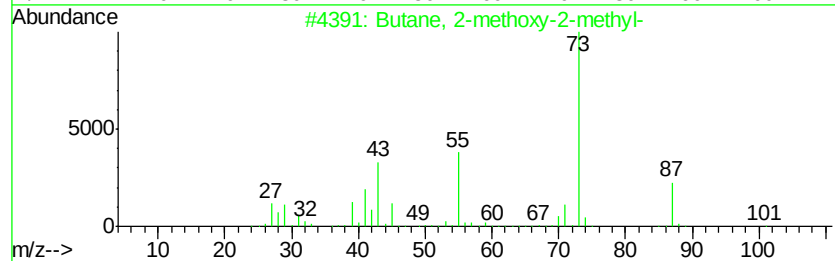
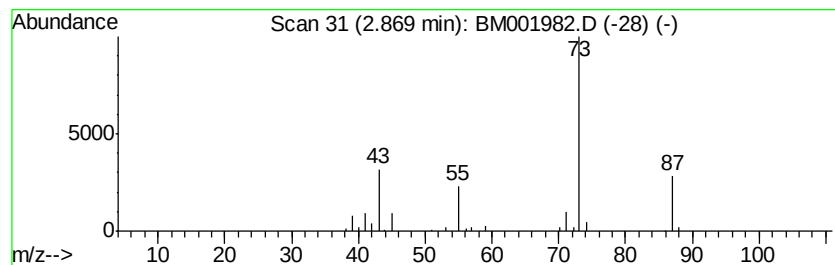
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	3.98 ng/ul	110482	1,4-Dichlorobenzene-d4	7.65

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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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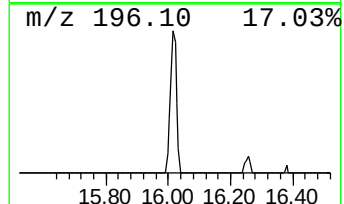
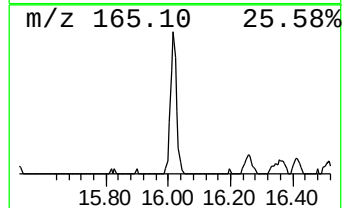
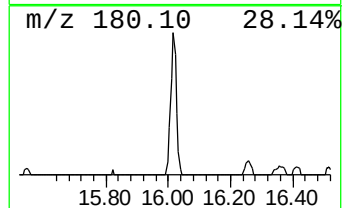
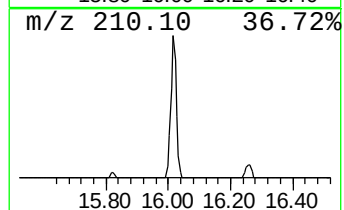
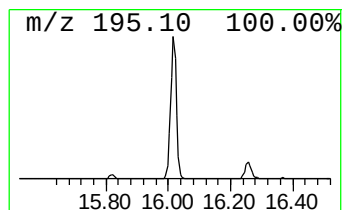
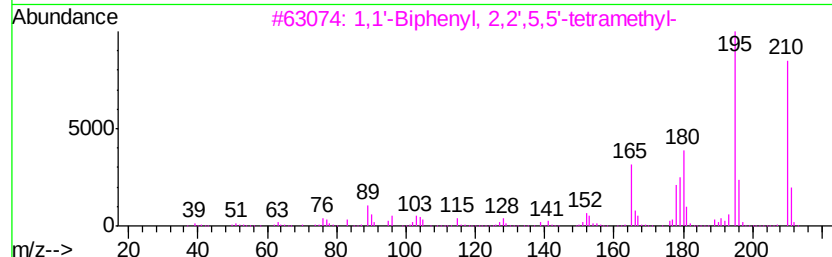
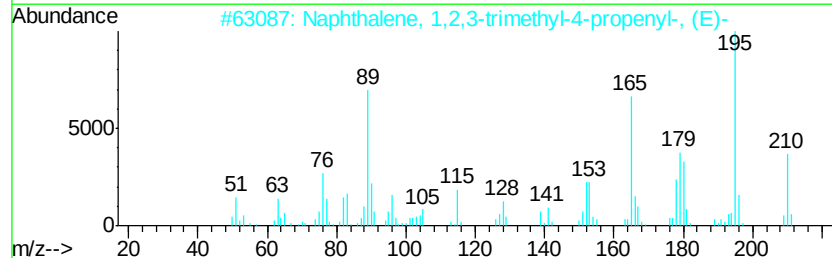
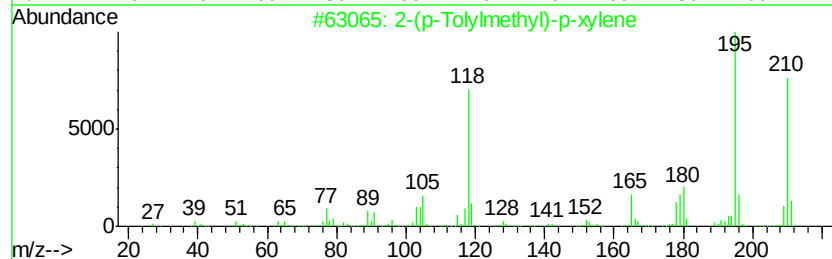
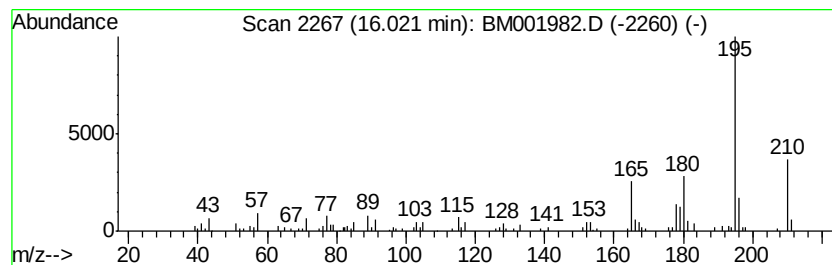
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Peak Number 2 2-(p-Tolylmethyl)-p-xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.02	3.22 ng/ul	221364	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	78
2		Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	72
3		1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	55
4		Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	52
5		9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	4.0	ng/ul	110482	1	7.65	555035	20.0
2-(p-Tolylmethyl)...	16.02	3.2	ng/ul	221364	4	17.06	1376110	20.0