

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042150.D
 Acq On : 12 Aug 2019 17:43
 Operator : HP/JU
 Sample : K4028-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP68DL

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.146	5	10	22	rVB	262184	418579	17.84%	2.865%
2	4.168	180	184	188	rBV3	4490	6708	0.29%	0.046%
3	7.188	690	698	708	rBV2	16372	40978	1.75%	0.280%
4	7.341	718	724	733	rBV	16120	32286	1.38%	0.221%
5	7.558	754	761	770	rBV2	22790	46226	1.97%	0.316%
6	8.023	833	840	852	rBV	247121	450460	19.19%	3.083%
7	8.745	957	963	973	rBV	21887	47129	2.01%	0.323%
8	9.198	1034	1040	1049	rBV2	21292	41981	1.79%	0.287%
9	9.926	1158	1164	1171	rBV3	16648	31855	1.36%	0.218%
10	10.490	1250	1260	1269	rBV2	16334	46029	1.96%	0.315%
11	10.849	1313	1321	1336	rBV	354873	674878	28.76%	4.619%
12	11.001	1341	1347	1359	rVV3	7955	23081	0.98%	0.158%
13	14.086	1865	1872	1877	rBV	60886	106486	4.54%	0.729%
14	14.133	1877	1880	1892	rVB	31061	54464	2.32%	0.373%
15	14.380	1914	1922	1932	rBV2	88064	151713	6.46%	1.038%
16	14.685	1965	1974	1982	rBV	618579	1017980	43.38%	6.967%
17	14.744	1982	1984	1991	rVB3	6878	11171	0.48%	0.076%
18	14.920	2008	2014	2017	rBV5	4386	9233	0.39%	0.063%
19	15.302	2074	2079	2083	rBV3	1713	3503	0.15%	0.024%
20	15.678	2137	2143	2149	rBV	110995	186466	7.95%	1.276%
21	15.737	2151	2153	2159	rVB	6715	8256	0.35%	0.057%
22	15.807	2161	2165	2171	rBV7	6859	13218	0.56%	0.090%
23	15.943	2187	2188	2193	rVB3	3989	4273	0.18%	0.029%
24	16.178	2225	2228	2233	rBV5	2452	3868	0.16%	0.026%
25	16.419	2260	2269	2274	rBV7	4221	11257	0.48%	0.077%
26	16.671	2306	2312	2315	rBV4	2108	3657	0.16%	0.025%
27	16.748	2320	2325	2329	rVB5	3927	7208	0.31%	0.049%
28	16.789	2329	2332	2337	rBV5	4045	7363	0.31%	0.050%
29	16.889	2347	2349	2353	rVB3	3207	3529	0.15%	0.024%
30	17.088	2378	2383	2387	rBV5	4028	5198	0.22%	0.036%
31	17.176	2392	2398	2399	rBV4	3280	4123	0.18%	0.028%
32	17.259	2409	2412	2418	rVB2	5431	7620	0.32%	0.052%
33	17.312	2418	2421	2423	rBV2	2928	3385	0.14%	0.023%
34	17.353	2425	2428	2434	rVB7	4107	5221	0.22%	0.036%

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35	17.435	2434	2442	2447	rBV2	789832	1220200	51.99%	8.351%
36	17.476	2447	2449	2454	rVV	90002	116316	4.96%	0.796%
37	17.535	2454	2459	2470	rVB3	124729	224617	9.57%	1.537%
38	17.835	2507	2510	2516	rBV2	8185	15735	0.67%	0.108%
39	17.887	2516	2519	2523	rVV3	5399	5589	0.24%	0.038%
40	17.929	2523	2526	2529	rBV3	2840	3551	0.15%	0.024%
41	18.028	2537	2543	2551	rVB3	18807	37189	1.58%	0.255%
42	18.158	2558	2565	2572	rBV6	7060	15267	0.65%	0.104%
43	18.240	2574	2579	2583	rBV6	3410	6081	0.26%	0.042%
44	18.316	2585	2592	2596	rBV	33697	55445	2.36%	0.379%
45	18.363	2596	2600	2605	rVB	35234	52200	2.22%	0.357%
46	18.446	2610	2614	2619	rVV3	13812	21086	0.90%	0.144%
47	18.504	2619	2624	2629	rVV4	72612	131606	5.61%	0.901%
48	18.551	2629	2632	2639	rVB3	30131	58983	2.51%	0.404%
49	18.610	2639	2642	2647	rBV5	9223	15965	0.68%	0.109%
50	18.663	2647	2651	2655	rBV7	4328	5436	0.23%	0.037%
51	18.710	2655	2659	2663	rVB5	7728	10824	0.46%	0.074%
52	18.810	2669	2676	2680	rBV3	21301	46860	2.00%	0.321%
53	18.851	2680	2683	2692	rVB5	15931	29019	1.24%	0.199%
54	18.933	2694	2697	2701	rBV4	8135	12611	0.54%	0.086%
55	18.963	2701	2702	2705	rVB3	5605	4916	0.21%	0.034%
56	19.027	2710	2713	2715	rBV3	7345	8235	0.35%	0.056%
57	19.063	2715	2719	2722	rVV2	17005	26631	1.13%	0.182%
58	19.104	2723	2726	2730	rVV3	13279	21326	0.91%	0.146%
59	19.145	2730	2733	2736	rVB2	12877	14831	0.63%	0.101%
60	19.227	2742	2747	2752	rBV	41312	79266	3.38%	0.542%
61	19.274	2752	2755	2760	rVV5	24368	55027	2.34%	0.377%
62	19.315	2760	2762	2765	rVV3	25222	35515	1.51%	0.243%
63	19.356	2765	2769	2778	rVB6	33844	74914	3.19%	0.513%
64	19.486	2786	2791	2798	rBV	212370	301727	12.86%	2.065%
65	19.550	2798	2802	2806	rBV2	20319	32002	1.36%	0.219%
66	19.585	2806	2808	2812	rVB5	11104	12020	0.51%	0.082%
67	19.627	2812	2815	2820	rVB4	31210	40976	1.75%	0.280%
68	19.691	2822	2826	2830	rBV5	15325	22724	0.97%	0.156%
69	19.732	2830	2833	2837	rBV3	12771	17984	0.77%	0.123%
70	19.768	2837	2839	2842	rVB4	12589	13359	0.57%	0.091%
71	19.820	2843	2848	2851	rBV	219747	363312	15.48%	2.486%

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72	19.850	2851	2853	2862	rVB	251634	335114	14.28%	2.293%
73	19.920	2862	2865	2871	rVB2	17110	33047	1.41%	0.226%
74	19.967	2871	2873	2876	rBV3	11253	10277	0.44%	0.070%
75	20.014	2879	2881	2885	rBV4	9671	11538	0.49%	0.079%
76	20.079	2888	2892	2899	rVB7	36984	61107	2.60%	0.418%
77	20.173	2903	2908	2914	rBV3	33751	87219	3.72%	0.597%
78	20.337	2932	2936	2941	rVB	64257	105345	4.49%	0.721%
79	20.384	2941	2944	2948	rVB3	29229	31457	1.34%	0.215%
80	20.443	2950	2954	2958	rVB	40372	57938	2.47%	0.397%
81	20.502	2960	2964	2968	rVB	45645	58423	2.49%	0.400%
82	20.614	2980	2983	2985	rBV4	13529	12609	0.54%	0.086%
83	20.643	2985	2988	2992	rVV	33400	46139	1.97%	0.316%
84	20.690	2992	2996	2999	rVB3	45342	59835	2.55%	0.409%
85	20.937	3035	3038	3042	rVB5	19519	21264	0.91%	0.146%
86	21.084	3059	3063	3065	rBV	40859	49993	2.13%	0.342%
87	21.301	3092	3100	3103	rBV3	34175	78060	3.33%	0.534%
88	21.336	3103	3106	3109	rBV	22714	29758	1.27%	0.204%
89	21.612	3142	3153	3159	rBV	1549578	2346774	100.00%	16.060%
90	21.718	3163	3171	3176	rVV3	855631	1657093	70.61%	11.340%
91	21.765	3176	3179	3187	rVB	148003	231506	9.86%	1.584%
92	21.924	3202	3206	3213	rVB3	52923	91716	3.91%	0.628%
93	22.541	3306	3311	3315	rBV4	36800	63438	2.70%	0.434%
94	23.945	3544	3550	3559	rBV2	73117	239706	10.21%	1.640%
95	24.074	3568	3572	3578	rVB3	42438	83147	3.54%	0.569%
96	24.679	3669	3675	3681	rBV2	51668	125902	5.36%	0.862%
97	24.756	3682	3688	3694	rVV	83924	217581	9.27%	1.489%
98	24.826	3696	3700	3708	rVB	74301	177530	7.56%	1.215%
99	24.985	3716	3727	3737	rBV2	471784	1466891	62.51%	10.039%
100	26.207	3930	3935	3945	rVB4	42859	123067	5.24%	0.842%

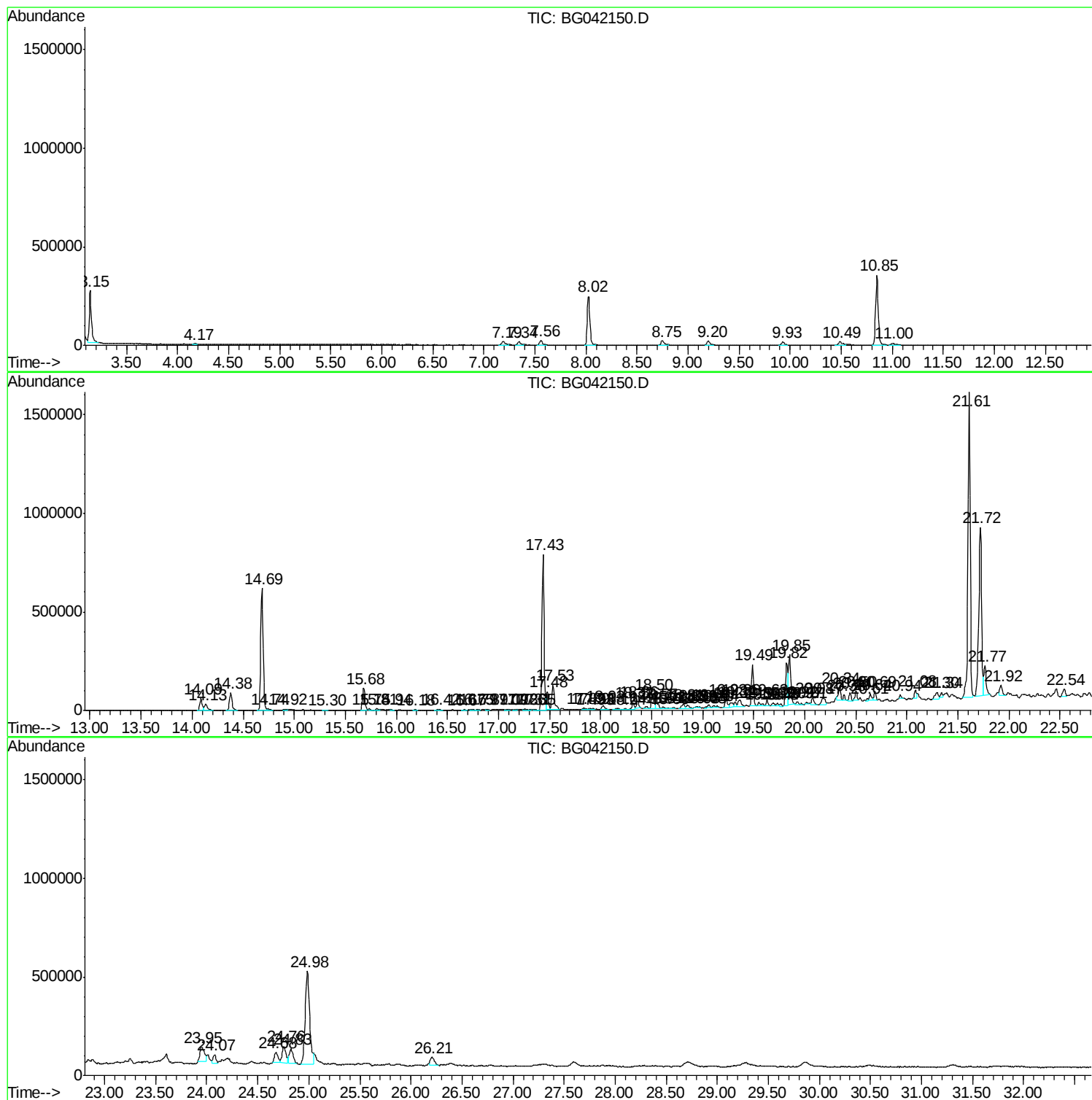
Sum of corrected areas: 14612201

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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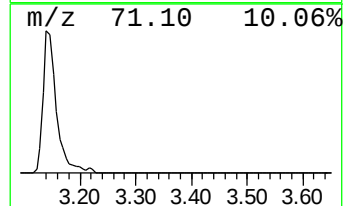
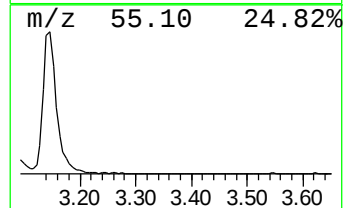
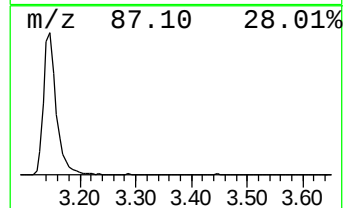
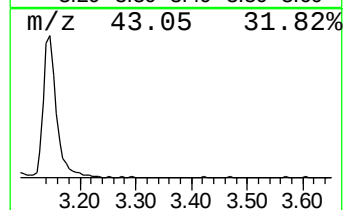
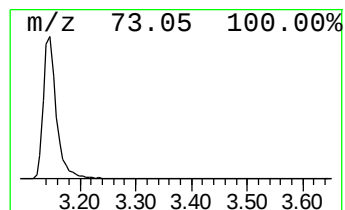
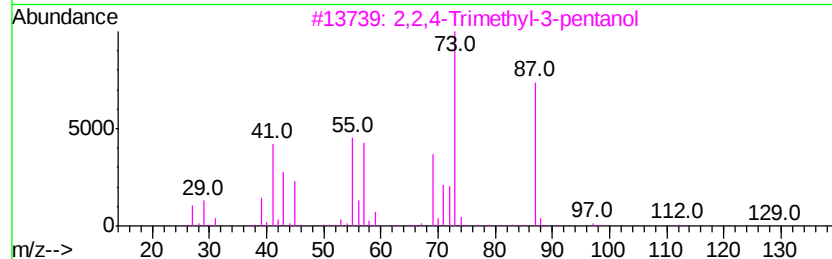
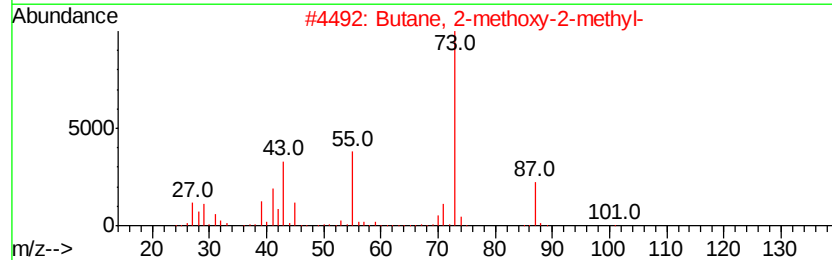
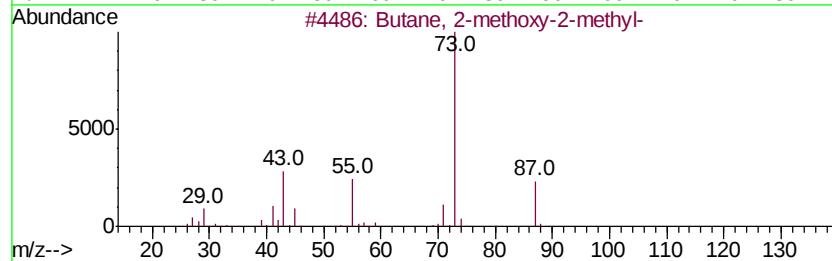
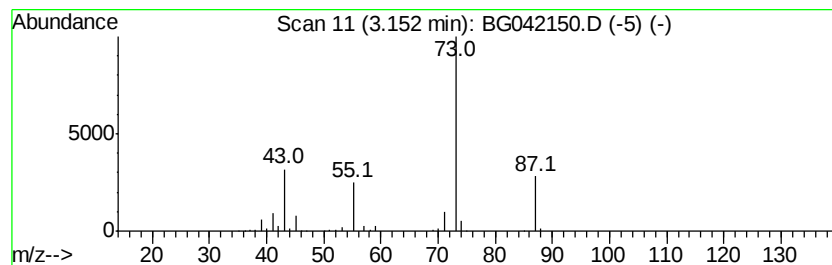
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
3.15	18.58 ng/ul	418579	1,4-Dichlorobenzene-d4	8.02

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	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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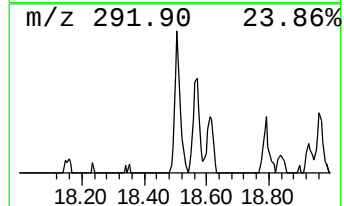
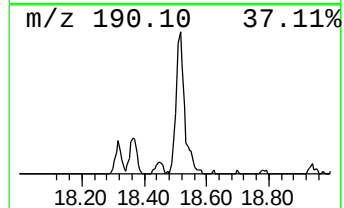
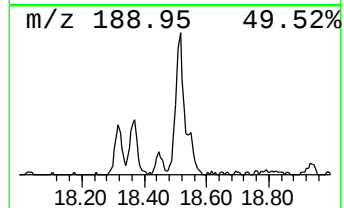
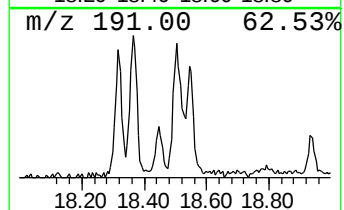
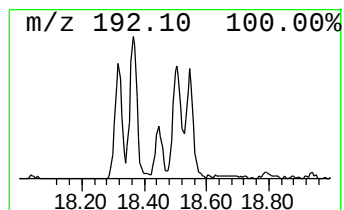
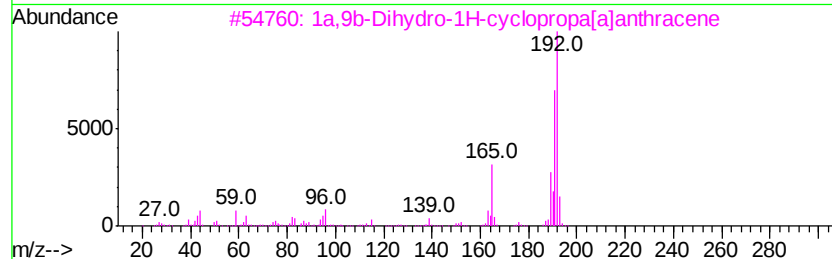
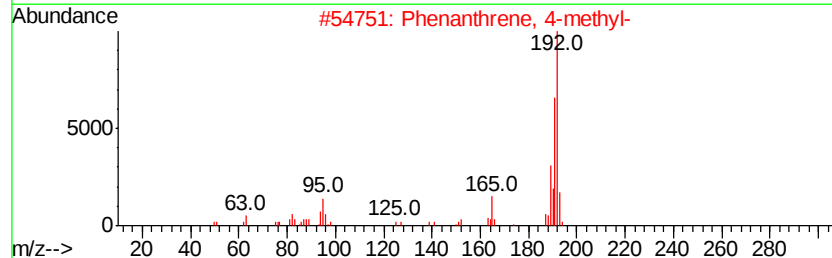
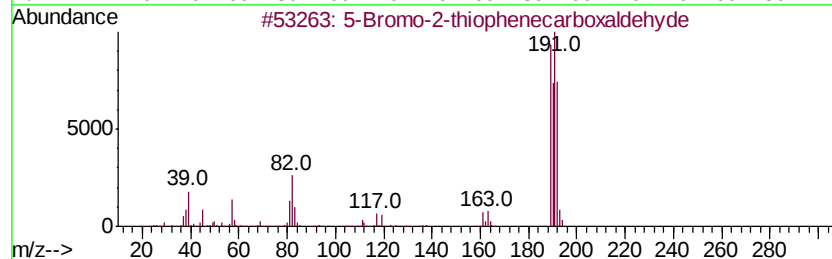
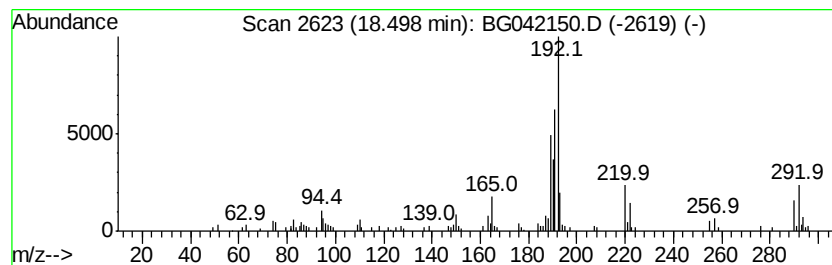
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Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.16 ng/ul	131606	Phenanthrene-d10	17.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-2-thiophenecarboxaldehde	190	C5H3BrOS	004701-17-1	43
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
3		1a,9b-Dihydro-1H-cyclopropa[fa]lan...	192	C15H12	006109-24-6	42
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	18.6	ng/ul	418579	1	8.02	450460	20.0
unknown-01	18.50	2.2	ng/ul	131606	4	17.43	1220200	20.0