

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019497.D
 Acq On : 5 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4273-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7

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-BG102815.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	2.897	7	10	16	rVB4	8741	13991	0.95%	0.080%
2	3.126	42	49	58	rBV2	99763	201690	13.68%	1.159%
3	3.208	58	63	82	rVB	601264	912128	61.85%	5.243%
4	3.490	107	111	116	rVB3	6122	9993	0.68%	0.057%
5	5.230	398	407	412	rVB6	5755	14319	0.97%	0.082%
6	7.327	757	764	772	rBV	113737	203010	13.77%	1.167%
7	7.492	785	792	801	rBV	91181	148090	10.04%	0.851%
8	7.703	820	828	835	rBV	113366	195447	13.25%	1.124%
9	8.179	902	909	915	rBV2	153093	261951	17.76%	1.506%
10	8.884	1022	1029	1037	rVB	148899	262604	17.81%	1.510%
11	9.348	1102	1108	1118	rBV	127270	217961	14.78%	1.253%
12	9.742	1168	1175	1178	rVB4	3095	5475	0.37%	0.031%
13	10.077	1223	1232	1242	rBV2	112416	205438	13.93%	1.181%
14	10.623	1315	1325	1333	rBV	163577	294598	19.98%	1.693%
15	11.005	1381	1390	1397	rVV	207675	386522	26.21%	2.222%
16	11.058	1397	1399	1404	rVV2	6135	7585	0.51%	0.044%
17	11.134	1405	1412	1421	rVV2	150736	269224	18.26%	1.548%
18	12.580	1655	1658	1664	rVB3	3146	5313	0.36%	0.031%
19	12.650	1664	1670	1675	rVB2	25015	35296	2.39%	0.203%
20	12.874	1701	1708	1711	rBV2	19519	31353	2.13%	0.180%
21	13.167	1753	1758	1761	rVB3	4707	5214	0.35%	0.030%
22	13.408	1794	1799	1803	rBV2	8462	9953	0.67%	0.057%
23	13.690	1843	1847	1851	rVB4	2283	3255	0.22%	0.019%
24	13.843	1869	1873	1878	rBV2	6579	9049	0.61%	0.052%
25	13.972	1890	1895	1896	rBV2	7246	9962	0.68%	0.057%
26	14.131	1916	1922	1927	rBV2	13345	20188	1.37%	0.116%
27	14.201	1927	1934	1938	rVV	334357	495825	33.62%	2.850%
28	14.248	1938	1942	1949	rVB	175297	236755	16.06%	1.361%
29	14.366	1959	1962	1967	rBV2	8780	11514	0.78%	0.066%
30	14.507	1977	1986	1996	rVB	320500	526074	35.68%	3.024%
31	14.677	2012	2015	2018	rBV3	3971	5930	0.40%	0.034%
32	14.807	2028	2037	2043	rBV2	383282	625437	42.41%	3.595%
33	14.871	2043	2048	2055	rVB	95553	153006	10.38%	0.880%
34	14.989	2062	2068	2078	rBV	170673	281501	19.09%	1.618%

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35	15.206	2099	2105	2110	rVV	73434	115681	7.84%	0.665%
36	15.271	2113	2116	2121	rBV4	5475	10039	0.68%	0.058%
37	15.576	2165	2168	2169	rBV2	6136	6172	0.42%	0.035%
38	15.623	2172	2176	2181	rVB4	12016	18290	1.24%	0.105%
39	15.670	2181	2184	2189	rBV2	4023	5525	0.37%	0.032%
40	15.794	2194	2205	2210	rBV	467395	717441	48.65%	4.124%
41	15.852	2210	2215	2219	rVV2	112959	173919	11.79%	1.000%
42	15.905	2219	2224	2233	rVV	186890	282773	19.18%	1.626%
43	15.970	2233	2235	2237	rVV2	9015	9893	0.67%	0.057%
44	16.011	2238	2242	2250	rVV6	17643	44609	3.03%	0.256%
45	16.099	2253	2257	2260	rVV4	11390	16226	1.10%	0.093%
46	16.140	2260	2264	2269	rVB2	23106	34383	2.33%	0.198%
47	16.252	2280	2283	2284	rBV3	4887	4621	0.31%	0.027%
48	16.287	2284	2289	2298	rVB3	26770	54940	3.73%	0.316%
49	16.381	2298	2305	2309	rVB4	5888	10215	0.69%	0.059%
50	16.428	2309	2313	2318	rVB4	2926	4768	0.32%	0.027%
51	16.487	2318	2323	2332	rBV9	20518	48040	3.26%	0.276%
52	16.640	2345	2349	2356	rBV5	14138	28496	1.93%	0.164%
53	16.740	2364	2366	2368	rBV3	5284	4045	0.27%	0.023%
54	16.845	2375	2384	2389	rBV5	18848	40272	2.73%	0.232%
55	16.892	2389	2392	2396	rBV4	8831	10498	0.71%	0.060%
56	16.998	2407	2410	2415	rVB5	12205	14593	0.99%	0.084%
57	17.057	2416	2420	2421	rBV3	8036	8088	0.55%	0.046%
58	17.274	2452	2457	2463	rBV7	21426	45364	3.08%	0.261%
59	17.327	2464	2466	2469	rVV3	14256	17899	1.21%	0.103%
60	17.362	2469	2472	2479	rVV2	29229	49067	3.33%	0.282%
61	17.550	2496	2504	2507	rBV	585367	897296	60.85%	5.158%
62	17.592	2507	2511	2516	rVV	445442	646191	43.82%	3.715%
63	17.644	2516	2520	2524	rVV	552156	871063	59.07%	5.007%
64	17.680	2524	2526	2532	rVB	161379	202812	13.75%	1.166%
65	17.821	2544	2550	2555	rBV10	5674	15415	1.05%	0.089%
66	17.944	2567	2571	2575	rBV	22794	37375	2.53%	0.215%
67	18.009	2580	2582	2588	rVB4	12007	13885	0.94%	0.080%
68	18.062	2588	2591	2595	rBV4	9566	11516	0.78%	0.066%
69	18.191	2611	2613	2615	rBV3	3434	3408	0.23%	0.020%
70	18.420	2646	2652	2656	rVV3	52202	79032	5.36%	0.454%
71	18.467	2656	2660	2666	rVB2	60608	88857	6.03%	0.511%

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72	18.549	2670	2674	2680	rVB	31030	45183	3.06%	0.260%
73	18.620	2680	2686	2690	rBV3	87700	147145	9.98%	0.846%
74	18.708	2698	2701	2702	rBV3	5506	4470	0.30%	0.026%
75	18.755	2707	2709	2713	rBV5	5938	9273	0.63%	0.053%
76	18.908	2731	2735	2741	rVB	38631	50292	3.41%	0.289%
77	19.154	2771	2777	2779	rBV5	13849	20302	1.38%	0.117%
78	19.201	2783	2785	2789	rVB3	9243	9480	0.64%	0.054%
79	19.272	2796	2797	2800	rBV3	4959	4809	0.33%	0.028%
80	19.325	2802	2806	2811	rVB5	17522	27750	1.88%	0.160%
81	19.389	2814	2817	2820	rVV5	8830	13519	0.92%	0.078%
82	19.460	2826	2829	2831	rVB3	6738	6465	0.44%	0.037%
83	19.589	2842	2851	2858	rBV	404221	583421	39.56%	3.354%
84	19.683	2864	2867	2871	rVB6	12486	13754	0.93%	0.079%
85	19.736	2872	2876	2880	rBV2	24707	35988	2.44%	0.207%
86	19.924	2901	2908	2911	rBV	804965	1297359	87.98%	7.458%
87	20.018	2920	2924	2929	rVB4	21943	32830	2.23%	0.189%
88	20.124	2939	2942	2947	rVB2	29533	44528	3.02%	0.256%
89	20.171	2948	2950	2951	rBV2	7305	5447	0.37%	0.031%
90	20.259	2961	2965	2973	rBV5	25455	59622	4.04%	0.343%
91	20.400	2987	2989	2990	rBV2	12689	9780	0.66%	0.056%
92	20.435	2991	2995	3000	rVB	85691	124951	8.47%	0.718%
93	20.535	3007	3012	3016	rBV	92960	118190	8.01%	0.679%
94	20.588	3016	3021	3026	rVB4	26758	51521	3.49%	0.296%
95	21.440	3162	3166	3171	rBV3	44571	59716	4.05%	0.343%
96	21.693	3205	3209	3214	rVB	45679	62565	4.24%	0.360%
97	21.828	3223	3232	3237	rBV2	783449	1474626	100.00%	8.477%
98	21.875	3237	3240	3247	rVB	105682	166011	11.26%	0.954%
99	24.942	3753	3762	3771	rBV	375585	1052988	71.41%	6.053%
100	25.177	3792	3802	3813	rBV	407754	1145639	77.69%	6.586%

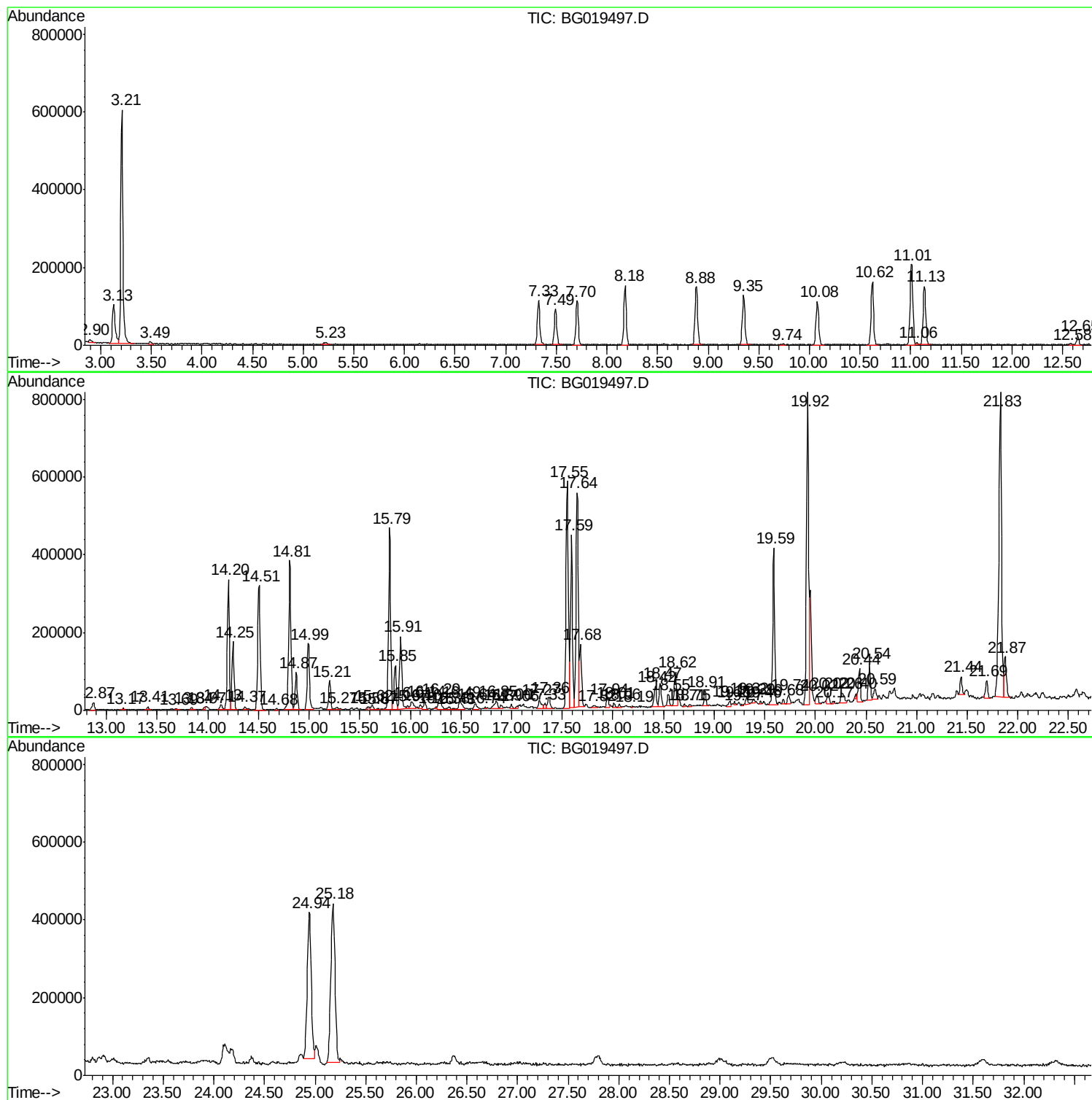
Sum of corrected areas: 17395982

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



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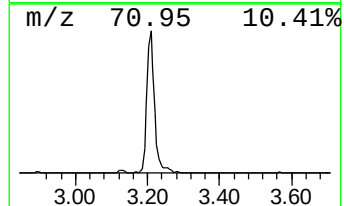
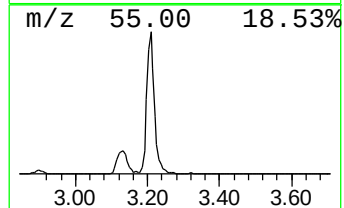
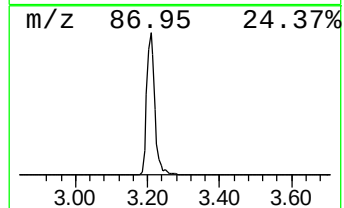
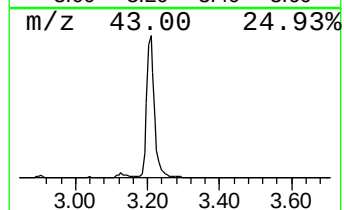
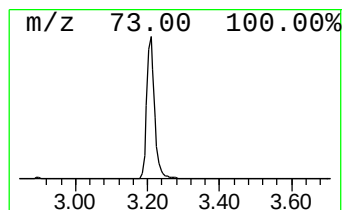
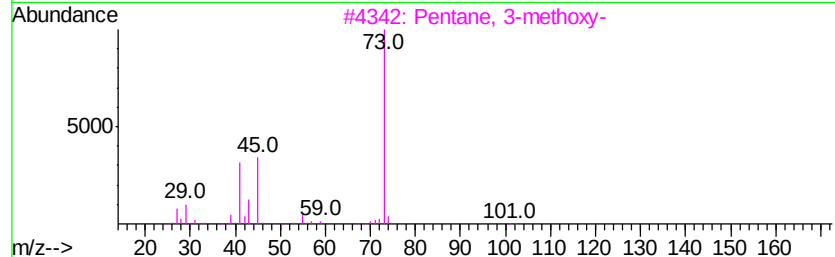
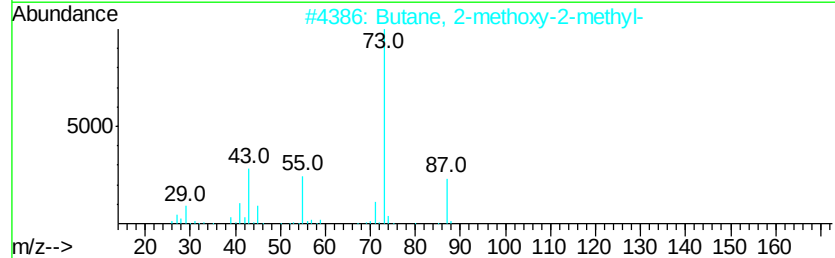
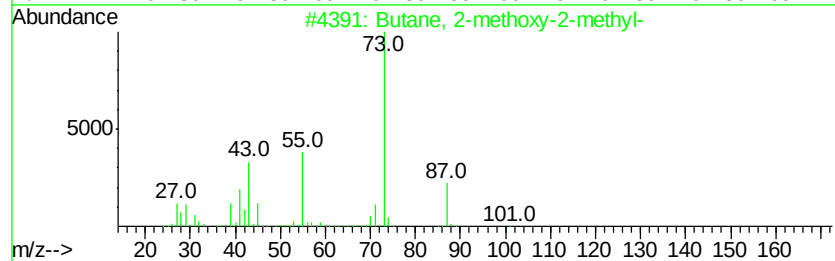
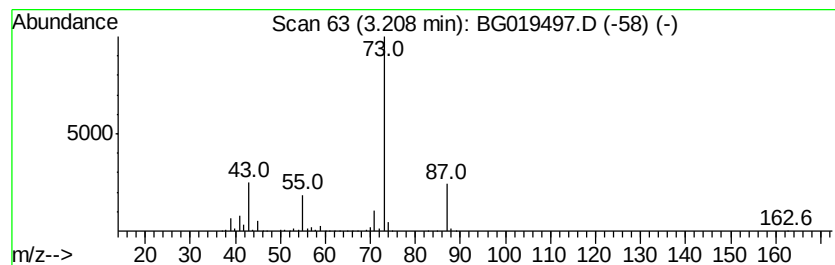
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	69.64 ng/ul	912128	1,4-Dichlorobenzene-d4	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	47
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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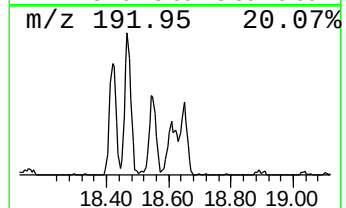
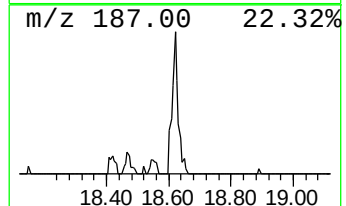
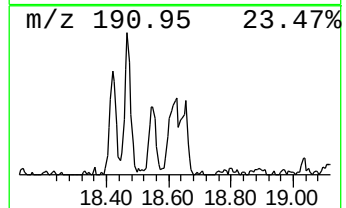
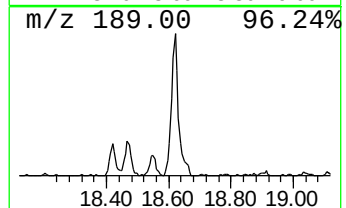
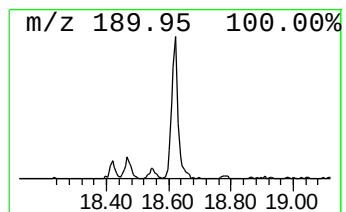
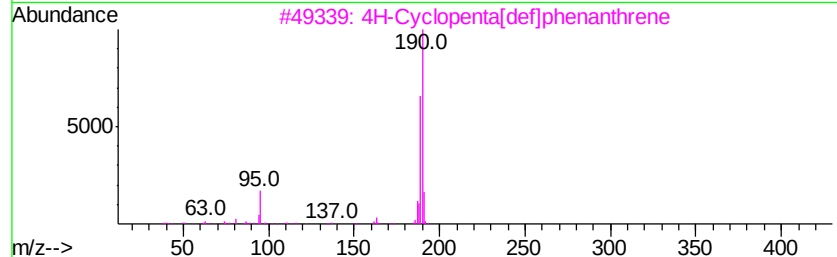
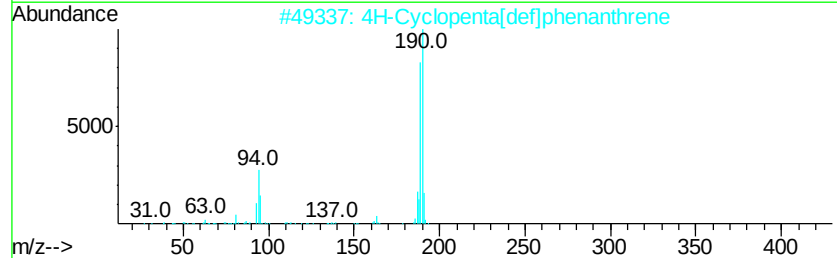
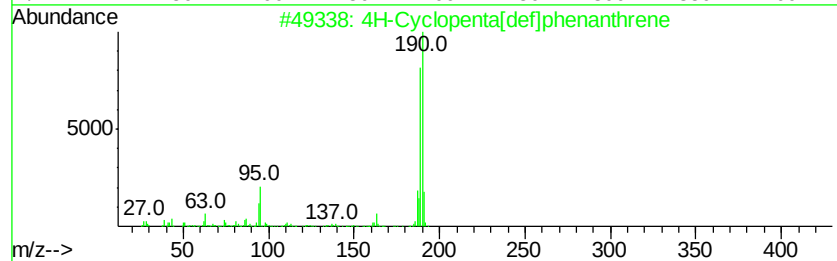
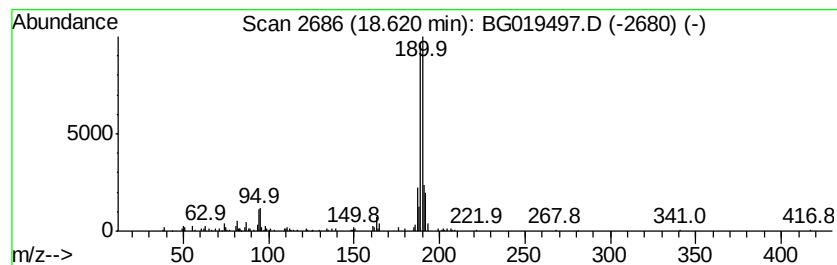
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.28 ng/ul	147145	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76	
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74	
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50	
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.21	69.6	ng/ul	912128	1	8.18	261951	20.0
4H-Cyclopenta[def...	18.62	3.3	ng/ul	147145	4	17.55	897296	20.0