

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019490.D
 Acq On : 5 Nov 2015 13:32
 Operator : UM/NP
 Sample : G4273-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AN9

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	3.128	44	49	58	rBV2	37952	68745	3.53%	0.380%
2	3.204	58	62	72	rVB	99337	156156	8.01%	0.863%
3	3.486	106	110	118	rVB2	9005	15009	0.77%	0.083%
4	4.221	231	235	238	rBV3	2168	2812	0.14%	0.016%
5	5.219	399	405	411	rBV4	4404	9513	0.49%	0.053%
6	6.154	559	564	568	rBV3	2112	3376	0.17%	0.019%
7	7.323	756	763	774	rBV	160823	277816	14.26%	1.536%
8	7.493	785	792	803	rVB	117271	192427	9.87%	1.064%
9	7.705	820	828	838	rBV	150012	259152	13.30%	1.432%
10	8.181	900	909	916	rBV	150022	253942	13.03%	1.404%
11	8.886	1022	1029	1038	rVB2	197490	354049	18.17%	1.957%
12	9.350	1102	1108	1115	rVB	163536	283587	14.55%	1.567%
13	9.462	1125	1127	1132	rVB2	2626	2984	0.15%	0.016%
14	9.738	1173	1174	1181	rVB2	2316	3072	0.16%	0.017%
15	10.078	1225	1232	1240	rBV	155445	265632	13.63%	1.468%
16	10.619	1318	1324	1332	rVB	221131	385036	19.76%	2.128%
17	10.754	1341	1347	1348	rBV2	3045	3772	0.19%	0.021%
18	11.007	1382	1390	1397	rBV	211143	371851	19.08%	2.055%
19	11.060	1397	1399	1405	rVB3	4112	5736	0.29%	0.032%
20	11.136	1405	1412	1422	rBV	194660	355458	18.24%	1.965%
21	12.576	1653	1657	1661	rVB3	4091	5900	0.30%	0.033%
22	12.646	1665	1669	1675	rBV4	5106	10811	0.55%	0.060%
23	12.869	1702	1707	1712	rBV2	7940	12997	0.67%	0.072%
24	13.169	1754	1758	1763	rVB2	7362	11677	0.60%	0.065%
25	13.410	1794	1799	1806	rVB3	11079	16567	0.85%	0.092%
26	13.686	1842	1846	1849	rVB4	3265	4152	0.21%	0.023%
27	13.974	1890	1895	1897	rBV2	3240	4809	0.25%	0.027%
28	14.127	1916	1921	1924	rBV3	5825	8307	0.43%	0.046%
29	14.203	1927	1934	1938	rVV	488028	684888	35.14%	3.785%
30	14.250	1938	1942	1948	rVB	250840	353269	18.13%	1.953%
31	14.368	1957	1962	1964	rBV3	3772	4910	0.25%	0.027%
32	14.503	1979	1985	1992	rBV	442629	714641	36.67%	3.950%
33	14.679	2011	2015	2018	rVB3	2779	3289	0.17%	0.018%
34	14.767	2026	2030	2031	rBV3	3186	3363	0.17%	0.019%

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35	14.808	2031	2037	2043	rVV2	395778	621666	31.90%	3.436%
36	14.873	2043	2048	2055	rVB	68398	109470	5.62%	0.605%
37	14.990	2062	2068	2080	rBV	268384	432165	22.17%	2.389%
38	15.202	2099	2104	2109	rVB	29978	45820	2.35%	0.253%
39	15.278	2111	2117	2121	rBV5	4879	8295	0.43%	0.046%
40	15.413	2138	2140	2144	rVV3	5788	6986	0.36%	0.039%
41	15.466	2147	2149	2152	rVV3	3485	4134	0.21%	0.023%
42	15.496	2152	2154	2159	rVB	2983	3052	0.16%	0.017%
43	15.578	2164	2168	2172	rBV3	7823	11876	0.61%	0.066%
44	15.619	2173	2175	2181	rVB2	10982	14751	0.76%	0.082%
45	15.795	2198	2205	2210	rBV	663365	979111	50.24%	5.412%
46	15.854	2210	2215	2219	rVV2	71486	107468	5.51%	0.594%
47	15.901	2219	2223	2233	rVB	257279	387527	19.88%	2.142%
48	16.013	2238	2242	2244	rBV3	13932	19941	1.02%	0.110%
49	16.095	2254	2256	2261	rBV5	4422	7021	0.36%	0.039%
50	16.142	2261	2264	2269	rVB	19872	21446	1.10%	0.119%
51	16.212	2272	2276	2278	rVB2	2633	3056	0.16%	0.017%
52	16.248	2278	2282	2284	rBV3	3847	6163	0.32%	0.034%
53	16.289	2284	2289	2298	rVB2	18489	42250	2.17%	0.234%
54	16.359	2298	2301	2302	rBV2	4220	3679	0.19%	0.020%
55	16.489	2319	2323	2331	rVB6	19789	42726	2.19%	0.236%
56	16.565	2334	2336	2339	rBV3	3848	4459	0.23%	0.025%
57	16.641	2345	2349	2352	rBV5	9275	12399	0.64%	0.069%
58	16.730	2362	2364	2365	rBV2	3687	3466	0.18%	0.019%
59	16.824	2376	2380	2381	rBV2	8034	9200	0.47%	0.051%
60	16.853	2381	2385	2389	rVB5	16973	25892	1.33%	0.143%
61	16.900	2389	2393	2398	rBV4	8513	14608	0.75%	0.081%
62	16.994	2406	2409	2414	rVB3	8574	13161	0.68%	0.073%
63	17.070	2419	2422	2426	rVV4	5818	9706	0.50%	0.054%
64	17.276	2452	2457	2463	rBV6	20232	37253	1.91%	0.206%
65	17.335	2463	2467	2469	rVV3	13122	16075	0.82%	0.089%
66	17.364	2469	2472	2480	rVB2	15777	27752	1.42%	0.153%
67	17.546	2497	2503	2508	rBV2	591496	917223	47.06%	5.070%
68	17.587	2508	2510	2515	rVB	127743	163477	8.39%	0.904%
69	17.646	2515	2520	2525	rBV2	773634	1218550	62.53%	6.735%
70	17.816	2544	2549	2551	rBV5	6771	10363	0.53%	0.057%
71	17.946	2567	2571	2575	rBV3	10868	15504	0.80%	0.086%

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72	18.016	2580	2583	2586	rVV4	8929	11061	0.57%	0.061%
73	18.063	2589	2591	2596	rVB6	6745	8487	0.44%	0.047%
74	18.134	2600	2603	2604	rVB3	4894	4365	0.22%	0.024%
75	18.422	2646	2652	2656	rBV2	33478	54467	2.79%	0.301%
76	18.469	2656	2660	2666	rVB2	29649	44176	2.27%	0.244%
77	18.551	2668	2674	2679	rBV2	29602	49125	2.52%	0.272%
78	18.621	2679	2686	2689	rBV	61445	100269	5.14%	0.554%
79	18.903	2731	2734	2740	rBV2	30663	48239	2.48%	0.267%
80	19.232	2788	2790	2795	rVB4	7193	9674	0.50%	0.053%
81	19.321	2800	2805	2810	rBV4	16136	31816	1.63%	0.176%
82	19.591	2845	2851	2856	rVB	314311	462115	23.71%	2.554%
83	19.644	2858	2860	2863	rVB4	7959	6242	0.32%	0.035%
84	19.738	2873	2876	2880	rVB	15871	18596	0.95%	0.103%
85	19.814	2886	2889	2891	rBV3	11816	16073	0.82%	0.089%
86	19.920	2901	2907	2920	rBV3	1099568	1948884	100.00%	10.772%
87	20.014	2920	2923	2930	rVB4	20352	34831	1.79%	0.193%
88	20.126	2935	2942	2948	rVB	28382	46775	2.40%	0.259%
89	20.167	2948	2949	2951	rBV2	7590	6135	0.31%	0.034%
90	20.255	2962	2964	2967	rBV3	15522	21554	1.11%	0.119%
91	20.372	2982	2984	2985	rBV2	7845	5012	0.26%	0.028%
92	20.437	2990	2995	2999	rVB	72718	110151	5.65%	0.609%
93	20.531	3007	3011	3016	rBV	76138	104845	5.38%	0.579%
94	21.436	3163	3165	3169	rVB3	25859	30979	1.59%	0.171%
95	21.688	3204	3208	3214	rVB	65130	85978	4.41%	0.475%
96	21.829	3223	3232	3237	rBV2	767595	1486665	76.28%	8.217%
97	21.871	3237	3239	3247	rVB	115919	173203	8.89%	0.957%
98	24.943	3753	3762	3771	rBV	561277	1503839	77.16%	8.312%
99	25.178	3791	3802	3811	rBV2	400427	1175499	60.32%	6.497%
100	27.752	4238	4240	4241	rBV2	9568	6185	0.32%	0.034%

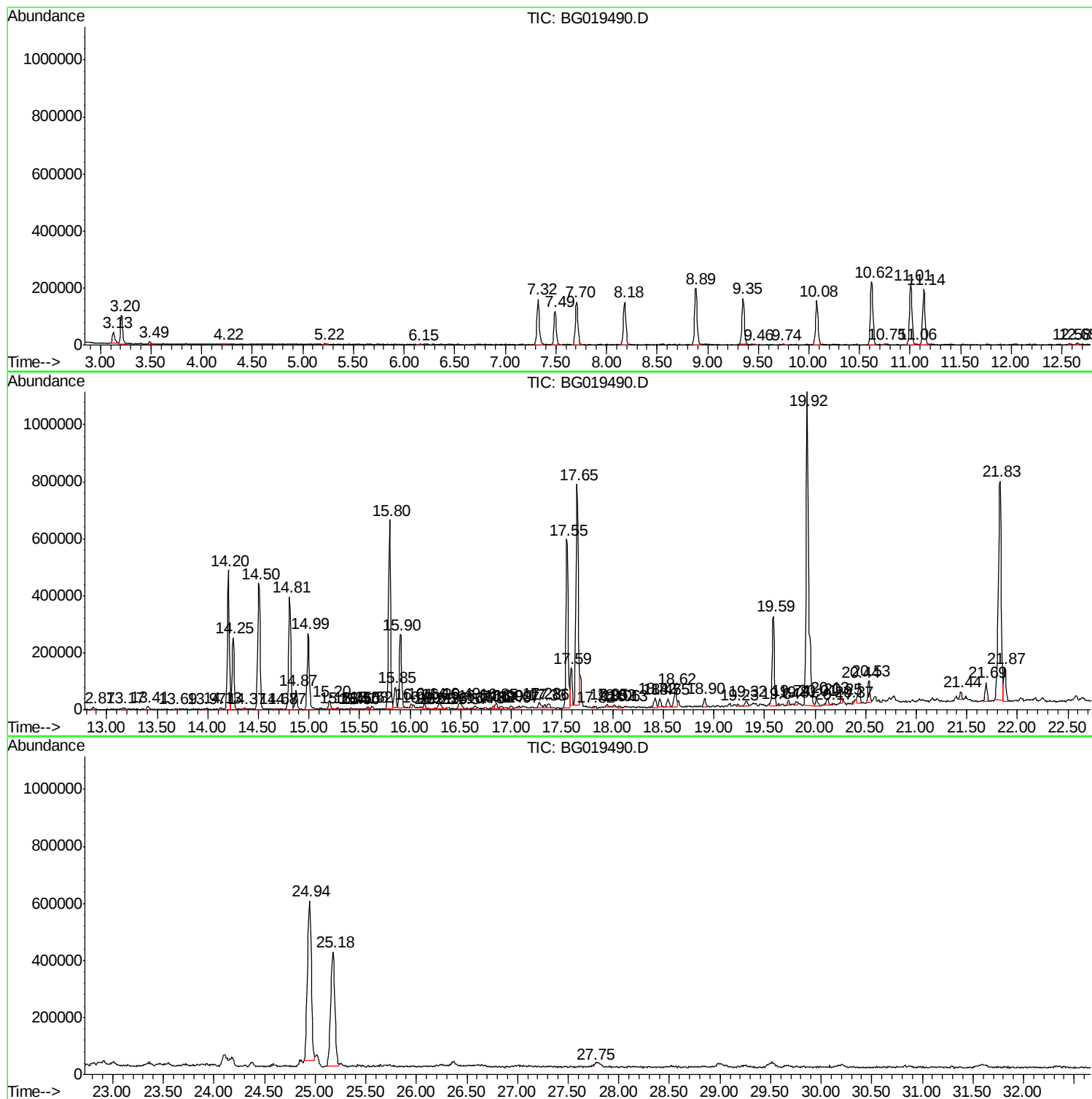
Sum of corrected areas: 18092636

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



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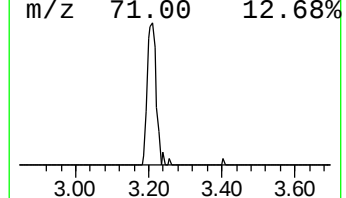
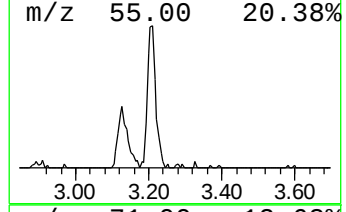
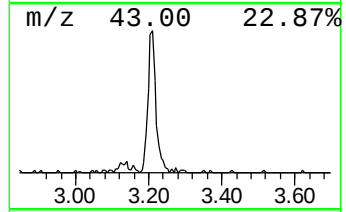
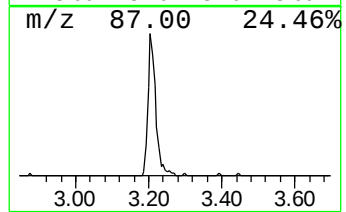
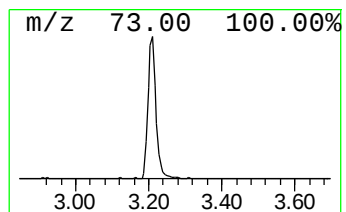
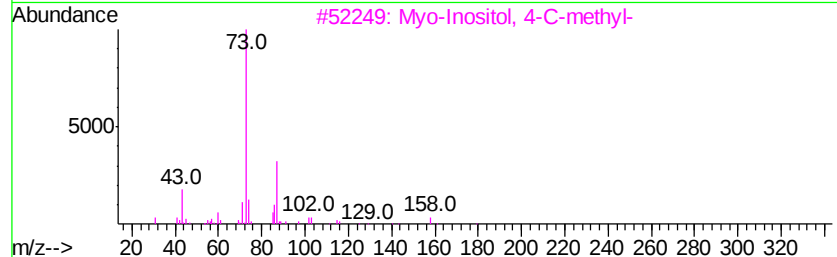
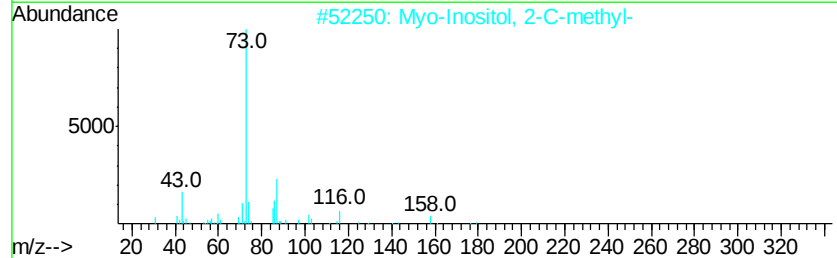
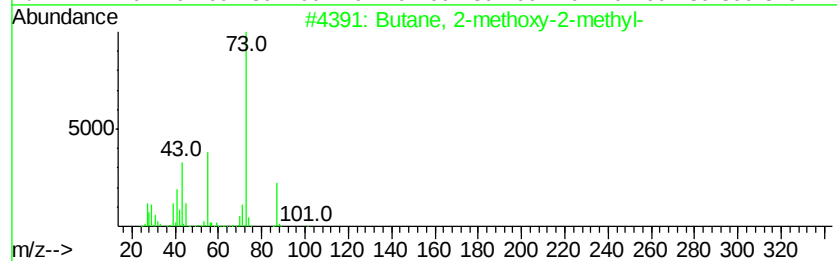
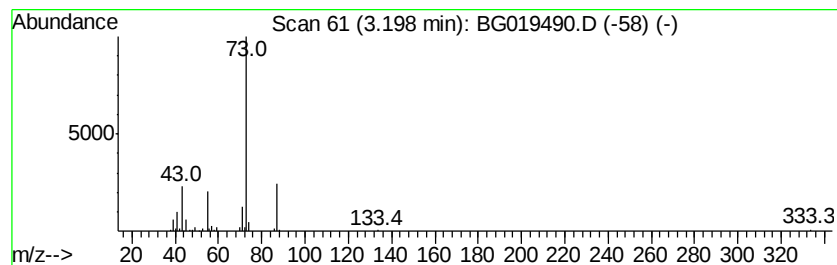
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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.
3.20	12.30 ng/ul	156156	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	64
2		Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	38
3		Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	38
4		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	32
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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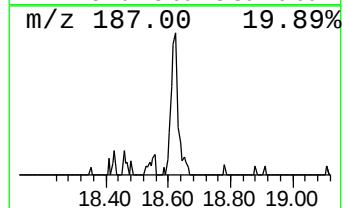
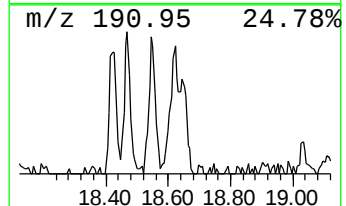
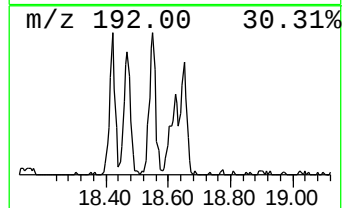
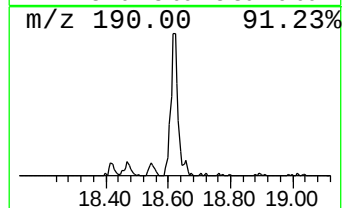
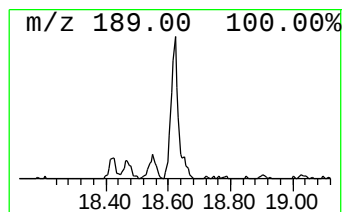
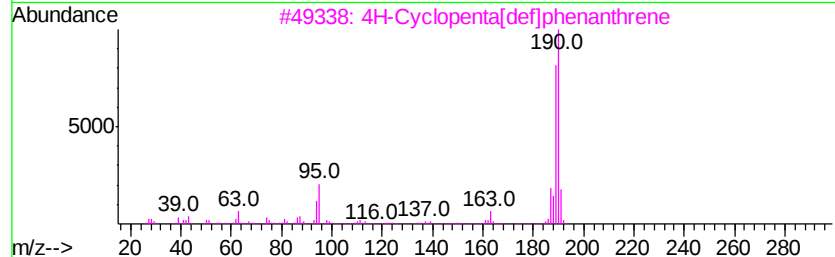
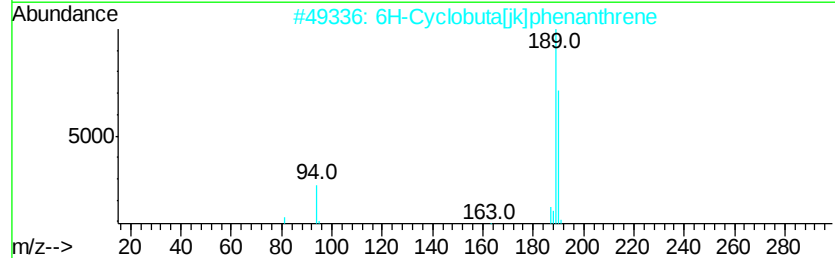
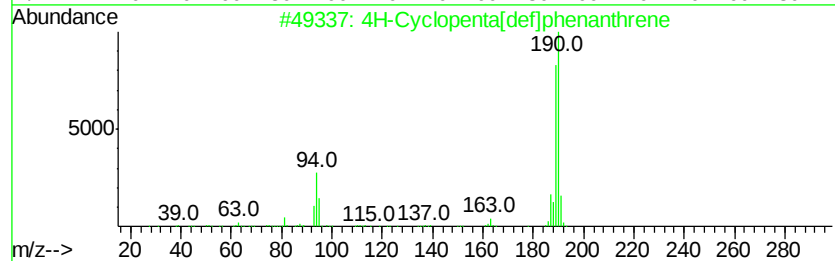
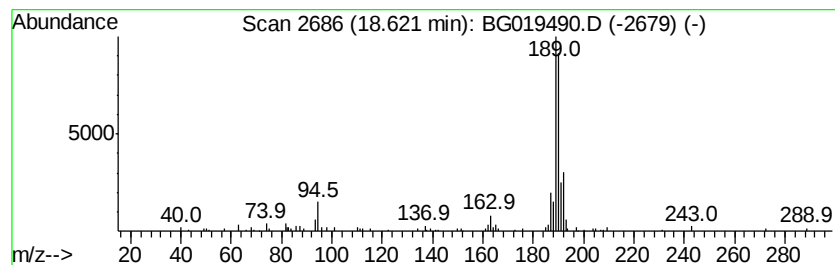
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.19 ng/ul	100269	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	12.3	ng/ul	156156	1	8.18	253942	20.0
4H-Cyclopenta[def...	18.62	2.2	ng/ul	100269	4	17.55	917223	20.0