

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
 Data File : BG021509.D
 Acq On : 25 Mar 2016 11:00
 Operator : UM/SJ
 Sample : H1909-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T41

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-BG031616.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	3.190	57	60	66	rVB3	3601	4949	1.12%	0.097%
2	3.243	66	69	72	rBV3	2172	2634	0.60%	0.052%
3	3.460	103	106	109	rVB2	1952	2366	0.54%	0.046%
4	4.547	287	291	299	rVB3	3419	5104	1.16%	0.100%
5	5.153	388	394	401	rBV3	9651	14870	3.37%	0.291%
6	7.338	761	766	771	rBV	33182	61832	14.00%	1.209%
7	7.385	771	774	783	rVB	28294	45163	10.23%	0.883%
8	7.638	811	817	824	rBB	36697	60008	13.59%	1.174%
9	8.061	883	889	897	rBB	49358	81443	18.44%	1.593%
10	8.848	1017	1023	1032	rBV2	43271	74054	16.77%	1.448%
11	9.230	1082	1088	1097	rBB2	38070	65768	14.89%	1.286%
12	9.953	1205	1211	1218	rBB2	34622	58393	13.22%	1.142%
13	10.570	1310	1316	1325	rBB	47918	83348	18.87%	1.630%
14	10.869	1360	1367	1374	rBV	81740	138850	31.44%	2.715%
15	10.916	1374	1375	1380	rVB	1251	1443	0.33%	0.028%
16	11.010	1385	1391	1404	rBV2	37123	67815	15.35%	1.326%
17	13.560	1820	1825	1829	rBB	2427	2863	0.65%	0.056%
18	14.077	1907	1913	1918	rBV	106986	147235	33.34%	2.879%
19	14.124	1918	1921	1927	rVB	27028	35477	8.03%	0.694%
20	14.371	1957	1963	1974	rBB	110444	173607	39.31%	3.395%
21	14.547	1990	1993	1996	rBB	3193	3709	0.84%	0.073%
22	14.677	2009	2015	2022	rBB3	132563	205752	46.59%	4.024%
23	15.094	2079	2086	2095	rBV3	27335	54452	12.33%	1.065%
24	15.153	2095	2096	2102	rVB2	2111	2387	0.54%	0.047%
25	15.493	2149	2154	2158	rVB3	5751	7225	1.64%	0.141%
26	15.664	2177	2183	2189	rBV	156805	221960	50.26%	4.341%
27	15.711	2189	2191	2199	rVB3	1406	2338	0.53%	0.046%
28	15.787	2199	2204	2213	rBB	42956	65211	14.77%	1.275%
29	15.899	2217	2223	2227	rBB3	1943	3627	0.82%	0.071%
30	16.005	2236	2241	2245	rBB2	1200	2008	0.45%	0.039%
31	16.163	2262	2268	2272	rBB	1438	2653	0.60%	0.052%
32	16.351	2296	2300	2303	rBV	5693	8543	1.93%	0.167%
33	16.939	2395	2400	2405	rBV2	1347	2366	0.54%	0.046%
34	17.074	2419	2423	2430	rBB2	3017	4294	0.97%	0.084%

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35	17.144	2431	2435	2439	rBB2	5089	7066	1.60%	0.138%
36	17.238	2448	2451	2456	rVB	1839	2107	0.48%	0.041%
37	17.415	2475	2481	2485	rBV	174587	254670	57.66%	4.981%
38	17.456	2485	2488	2493	rVV	46626	65600	14.85%	1.283%
39	17.515	2493	2498	2509	rVV2	166411	252266	57.12%	4.933%
40	17.832	2548	2552	2557	rVV2	1854	3522	0.80%	0.069%
41	17.879	2557	2560	2564	rVB2	2511	2653	0.60%	0.052%
42	17.926	2564	2568	2573	rBB	1687	2482	0.56%	0.049%
43	17.990	2575	2579	2586	rBV	1375	2491	0.56%	0.049%
44	18.284	2625	2629	2634	rVV2	16822	24087	5.45%	0.471%
45	18.337	2634	2638	2645	rVB2	10977	17388	3.94%	0.340%
46	18.414	2645	2651	2657	rBV	5074	7534	1.71%	0.147%
47	18.484	2657	2663	2667	rVV2	14480	28363	6.42%	0.555%
48	18.519	2667	2669	2673	rVB2	7306	7870	1.78%	0.154%
49	18.560	2673	2676	2680	rBV	1565	2003	0.45%	0.039%
50	18.778	2709	2713	2717	rBV	7773	10600	2.40%	0.207%
51	18.831	2717	2722	2727	rVB	11156	15830	3.58%	0.310%
52	18.901	2731	2734	2736	rBV2	1155	1429	0.32%	0.028%
53	19.025	2750	2755	2760	rBV2	2876	4337	0.98%	0.085%
54	19.072	2760	2763	2766	rVV2	2802	3043	0.69%	0.060%
55	19.113	2766	2770	2775	rBV5	2734	3281	0.74%	0.064%
56	19.189	2775	2783	2788	rBV3	9400	16032	3.63%	0.314%
57	19.260	2788	2795	2798	rVV6	5590	12902	2.92%	0.252%
58	19.330	2802	2807	2808	rBV3	5172	6435	1.46%	0.126%
59	19.342	2808	2809	2816	rVB3	6067	5864	1.33%	0.115%
60	19.459	2821	2829	2835	rBV	137636	196345	44.46%	3.840%
61	19.512	2835	2838	2842	rBV3	2488	2766	0.63%	0.054%
62	19.553	2842	2845	2848	rBV4	3651	4815	1.09%	0.094%
63	19.606	2851	2854	2858	rBV2	3900	5335	1.21%	0.104%
64	19.653	2858	2862	2866	rBV3	3277	5538	1.25%	0.108%
65	19.700	2866	2870	2875	rVV4	3172	6492	1.47%	0.127%
66	19.794	2878	2886	2889	rVV	215478	363495	82.30%	7.109%
67	19.818	2889	2890	2897	rVV	115295	119439	27.04%	2.336%
68	19.888	2897	2902	2906	rVB2	7788	11863	2.69%	0.232%
69	19.994	2914	2920	2925	rVB2	9538	15604	3.53%	0.305%
70	20.141	2939	2945	2952	rBV5	12178	29427	6.66%	0.575%
71	20.217	2954	2958	2961	rVB5	2538	3208	0.73%	0.063%

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72	20.305	2963	2973	2979	rVV3	25652	57845	13.10%	1.131%
73	20.405	2986	2990	2994	rBV	20620	27759	6.29%	0.543%
74	20.464	2994	3000	3004	rVV3	14519	24076	5.45%	0.471%
75	20.535	3010	3012	3015	rBV4	4444	4353	0.99%	0.085%
76	20.605	3018	3024	3027	rBV2	9288	16271	3.68%	0.318%
77	20.646	3028	3031	3035	rVV2	7357	10734	2.43%	0.210%
78	20.781	3052	3054	3057	rVB4	6375	6180	1.40%	0.121%
79	20.899	3072	3074	3077	rVB4	3927	3344	0.76%	0.065%
80	20.928	3077	3079	3080	rBV2	2516	1763	0.40%	0.034%
81	21.022	3091	3095	3098	rBV5	4845	7154	1.62%	0.140%
82	21.069	3099	3103	3109	rVB	14689	21659	4.90%	0.424%
83	21.251	3128	3134	3136	rBV4	12963	20285	4.59%	0.397%
84	21.287	3137	3140	3145	rVV4	22359	35198	7.97%	0.688%
85	21.345	3148	3150	3154	rVB3	10349	13088	2.96%	0.256%
86	21.669	3197	3205	3210	rBV2	219819	441655	100.00%	8.637%
87	21.716	3210	3213	3220	rVB	60203	95329	21.58%	1.864%
88	21.874	3236	3240	3246	rVB6	8118	12421	2.81%	0.243%
89	21.939	3248	3251	3256	rVV6	8487	13707	3.10%	0.268%
90	22.397	3326	3329	3333	rVB2	6464	9394	2.13%	0.184%
91	23.866	3572	3579	3598	rVB	44712	213069	48.24%	4.167%
92	24.119	3617	3622	3631	rVB2	8534	19446	4.40%	0.380%
93	24.589	3695	3702	3707	rBV	22148	52356	11.85%	1.024%
94	24.671	3708	3716	3722	rVV	103903	270522	61.25%	5.291%
95	24.735	3722	3727	3739	rVB	39188	96966	21.96%	1.896%
96	24.888	3739	3753	3762	rBV3	105781	314408	71.19%	6.149%
97	28.067	4292	4294	4297	rBV4	2933	3746	0.85%	0.073%
98	28.537	4368	4374	4388	rVB5	15160	58449	13.23%	1.143%
99	29.683	4562	4569	4571	rBV4	10487	22692	5.14%	0.444%
100	29.794	4586	4588	4589	rBV2	2947	1530	0.35%	0.030%

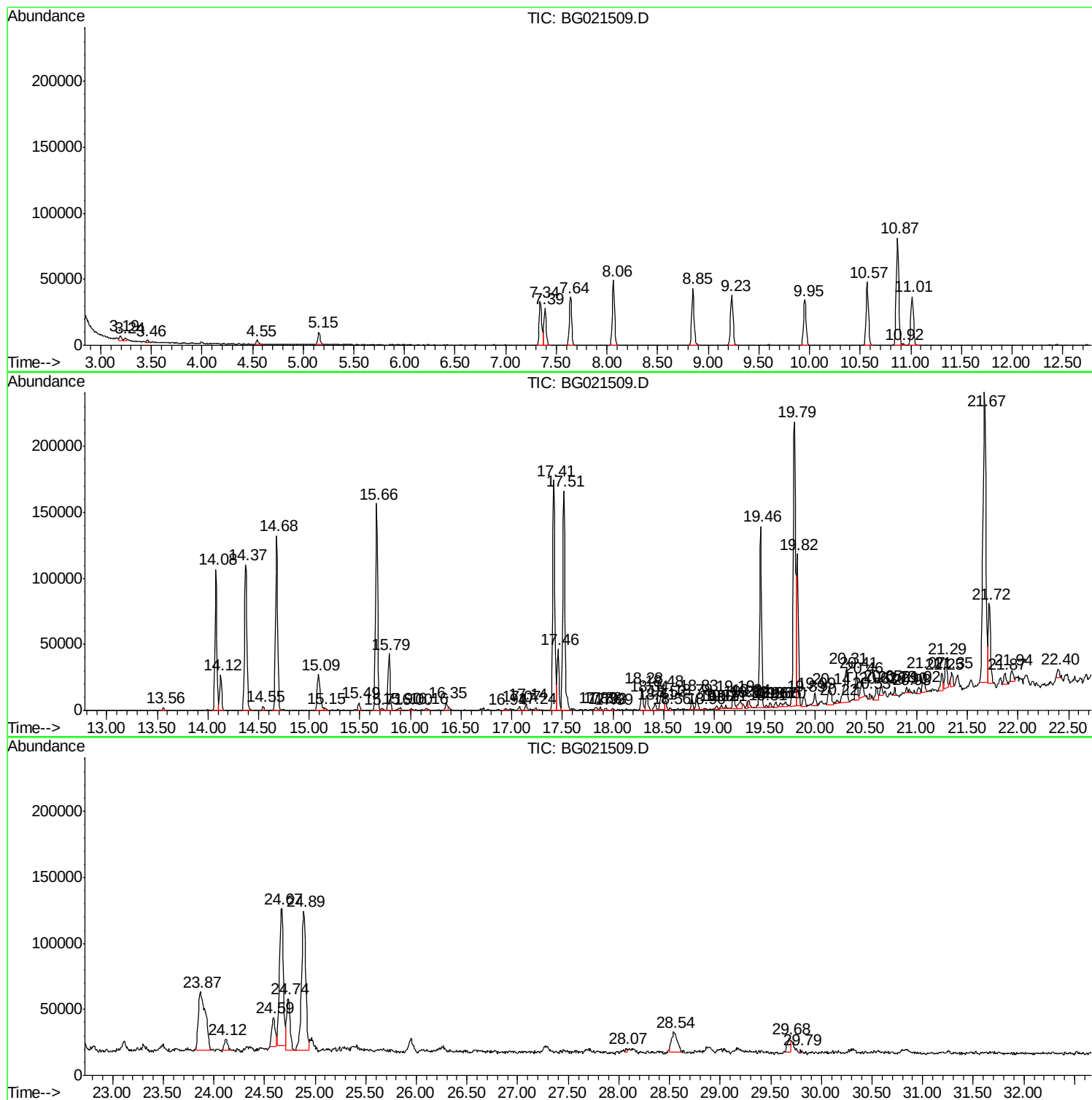
Sum of corrected areas: 5113328

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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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



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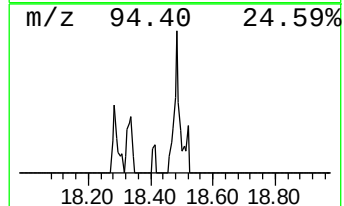
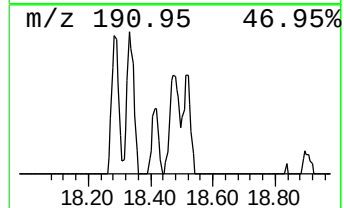
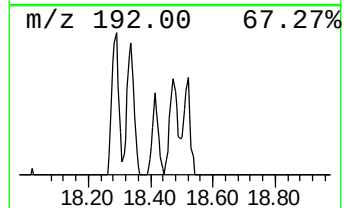
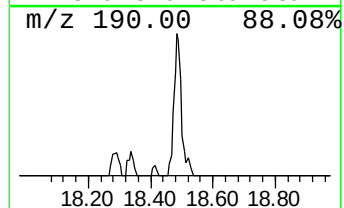
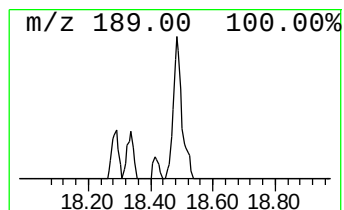
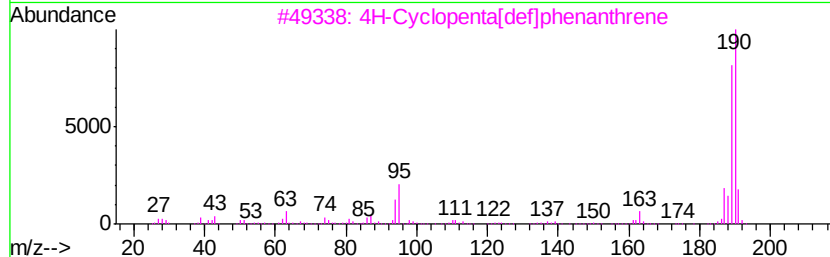
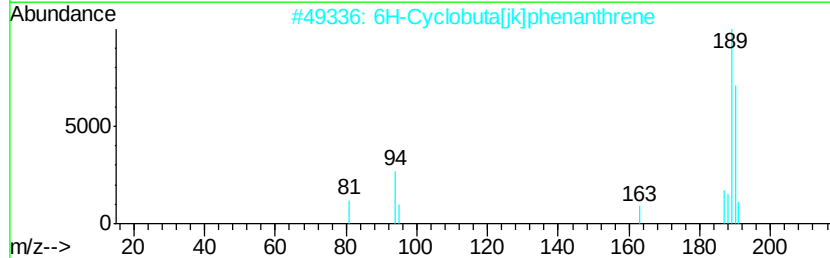
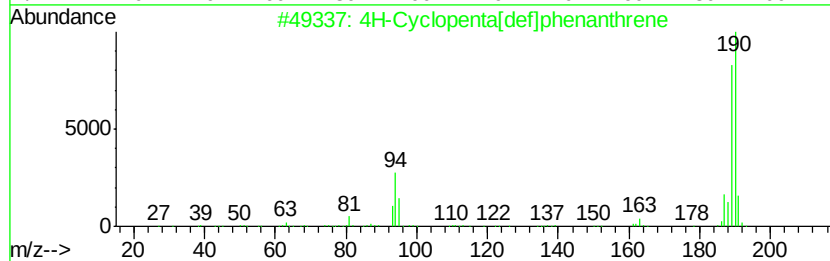
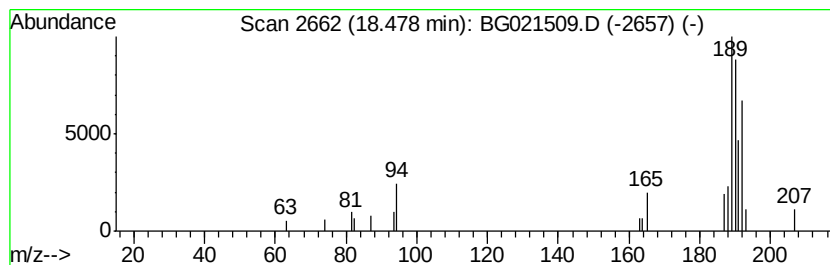
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.48	2.23 ng/ul	28363	Phenanthrene-d10		17.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2		6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	59
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



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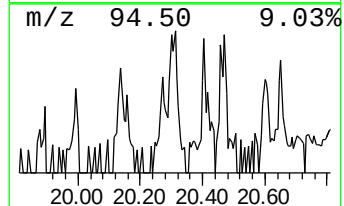
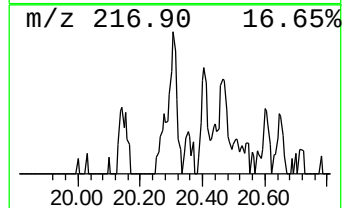
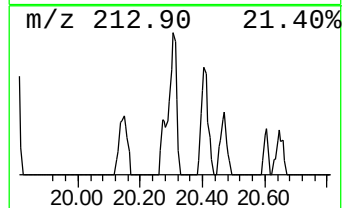
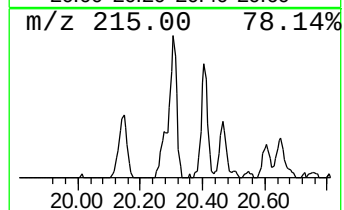
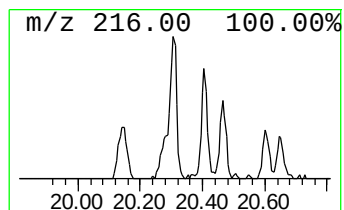
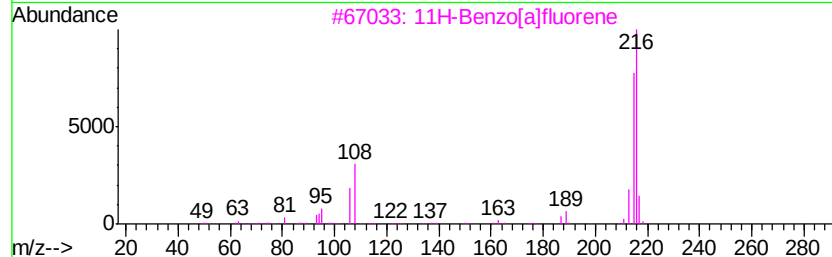
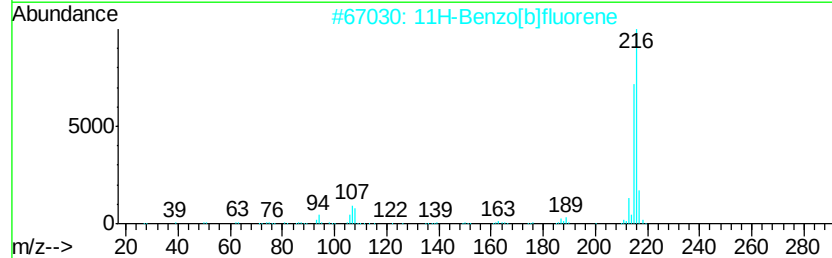
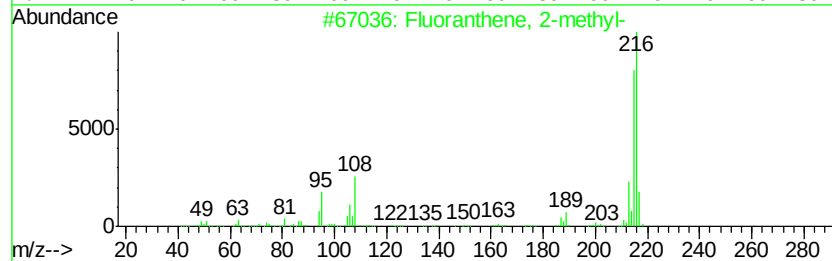
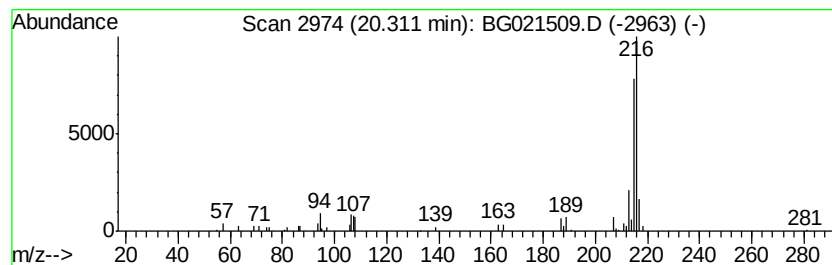
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Fluoranthene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	2.62 ng/ul	57845	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	18.48	2.2	ng/ul	28363	4	17.41	254670	20.0
Fluoranthene, 2-m...	20.31	2.6	ng/ul	57845	5	21.67	441655	20.0