

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057278.D
 Acq On : 2 May 2023 14:24
 Operator : CG/JU
 Sample : 02417-17DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y3DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG057278.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.025	81	83	86	rVB2	937	873	0.19%	0.023%
2	4.219	112	116	120	rBB4	3491	5068	1.11%	0.132%
3	4.466	153	158	162	rVB2	1222	2017	0.44%	0.052%
4	7.274	632	636	637	rBV	676	877	0.19%	0.023%
5	7.520	673	678	686	rVV2	6934	12231	2.69%	0.318%
6	7.685	700	706	712	rVB3	5231	9186	2.02%	0.239%
7	7.914	740	745	752	rVB2	6327	10478	2.30%	0.273%
8	8.384	819	825	832	rVV2	63663	106201	23.36%	2.763%
9	9.083	939	944	952	rVV3	7054	11432	2.51%	0.297%
10	9.218	962	967	971	rVB3	1052	1661	0.37%	0.043%
11	9.565	1018	1026	1034	rBV	7320	13088	2.88%	0.340%
12	10.293	1144	1150	1155	rBV4	5422	9233	2.03%	0.240%
13	10.839	1238	1243	1248	rVB2	8316	13795	3.03%	0.359%
14	11.221	1300	1308	1314	rBV	89411	155654	34.24%	4.049%
15	11.356	1326	1331	1336	rVB2	2492	3916	0.86%	0.102%
16	12.854	1582	1586	1589	rBV3	682	949	0.21%	0.025%
17	13.066	1618	1622	1626	rVB2	757	1037	0.23%	0.027%
18	14.317	1830	1835	1840	rBV2	956	1356	0.30%	0.035%
19	14.376	1840	1845	1851	rVB	19710	27591	6.07%	0.718%
20	14.693	1894	1899	1905	rBV	20632	32110	7.06%	0.835%
21	14.999	1944	1951	1957	rBV	148995	228517	50.27%	5.944%
22	15.057	1957	1961	1966	rVB2	5231	7782	1.71%	0.202%
23	15.198	1981	1985	1990	rBV3	2731	4268	0.94%	0.111%
24	15.392	2012	2018	2024	rBV3	2305	4218	0.93%	0.110%
25	15.980	2112	2118	2123	rBV	28317	40282	8.86%	1.048%
26	16.038	2123	2128	2137	rVB2	6906	10825	2.38%	0.282%
27	16.326	2173	2177	2182	rVB3	11085	14952	3.29%	0.389%
28	16.467	2198	2201	2208	rVB2	1726	3094	0.68%	0.080%
29	17.084	2303	2306	2311	rBV	690	1405	0.31%	0.037%
30	17.178	2320	2322	2327	rVV2	901	1007	0.22%	0.026%
31	17.254	2332	2335	2340	rBV2	1491	1964	0.43%	0.051%
32	17.389	2354	2358	2363	rBV3	4495	6541	1.44%	0.170%
33	17.460	2363	2370	2376	rBV5	3936	8130	1.79%	0.211%
34	17.554	2382	2386	2392	rBV2	3633	6278	1.38%	0.163%
35	17.736	2411	2417	2421	rBV	178279	270885	59.59%	7.047%
36	17.777	2421	2424	2429	rVV	111464	159881	35.17%	4.159%

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37	17.836	2429	2434	2437	rVV2	31224	46186	10.16%	1.201%
38	17.871	2437	2440	2446	rVV	19752	26566	5.84%	0.691%
39	17.930	2448	2450	2454	rVB3	1285	1403	0.31%	0.036%
40	18.083	2473	2476	2478	rBV2	883	958	0.21%	0.025%

41	18.130	2478	2484	2489	rVB2	7834	12697	2.79%	0.330%
42	18.171	2489	2491	2493	rBV2	1217	1146	0.25%	0.030%
43	18.241	2499	2503	2508	rVB4	3464	5785	1.27%	0.150%
44	18.276	2508	2509	2512	rBV2	1043	1200	0.26%	0.031%
45	18.312	2512	2515	2519	rVB5	2399	3721	0.82%	0.097%

46	18.347	2519	2521	2525	rBV2	1235	1641	0.36%	0.043%
47	18.459	2536	2540	2544	rVB3	1447	2397	0.53%	0.062%
48	18.529	2548	2552	2555	rVB3	990	1379	0.30%	0.036%
49	18.558	2555	2557	2558	rBV2	1135	989	0.22%	0.026%
50	18.605	2558	2565	2569	rBV	12508	19994	4.40%	0.520%

51	18.652	2569	2573	2578	rVB	17746	25733	5.66%	0.669%
52	18.711	2581	2583	2584	rBV2	1502	1460	0.32%	0.038%
53	18.729	2584	2586	2591	rVB4	5547	7398	1.63%	0.192%
54	18.799	2591	2598	2610	rVB2	23018	55865	12.29%	1.453%
55	18.893	2610	2614	2617	rBV5	1926	3198	0.70%	0.083%

56	18.940	2617	2622	2624	rBV4	1997	2675	0.59%	0.070%
57	19.087	2642	2647	2651	rBV	11479	17491	3.85%	0.455%
58	19.140	2651	2656	2660	rVV4	9760	15187	3.34%	0.395%
59	19.205	2665	2667	2668	rBV2	2094	1549	0.34%	0.040%
60	19.293	2680	2682	2683	rBV2	2306	1142	0.25%	0.030%

61	19.328	2683	2688	2691	rVV6	4080	5598	1.23%	0.146%
62	19.357	2691	2693	2694	rVB2	1349	901	0.20%	0.023%
63	19.381	2694	2697	2699	rBV4	4094	5113	1.12%	0.133%
64	19.416	2702	2703	2708	rVB5	3751	3349	0.74%	0.087%
65	19.469	2710	2712	2713	rBV2	1978	1559	0.34%	0.041%

66	19.498	2713	2717	2721	rBV3	6927	10752	2.37%	0.280%
67	19.575	2725	2730	2736	rVB9	5281	11098	2.44%	0.289%
68	19.651	2738	2743	2749	rVB3	10455	16553	3.64%	0.431%
69	19.727	2752	2756	2757	rBV4	2746	4145	0.91%	0.108%
70	19.769	2757	2763	2768	rBV	244953	341705	75.17%	8.889%

71	19.845	2774	2776	2777	rBV2	2914	1943	0.43%	0.051%
72	19.962	2792	2796	2799	rBV5	8492	11104	2.44%	0.289%
73	20.097	2813	2819	2821	rBV3	65974	110048	24.21%	2.863%
74	20.127	2821	2824	2830	rVB	190528	268692	59.10%	6.990%
75	20.191	2830	2835	2840	rBV2	11921	22150	4.87%	0.576%

76	20.297	2850	2853	2859	rVB	14061	18102	3.98%	0.471%
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77	20.368	2862	2865	2869	rVB	11765	16281	3.58%	0.424%
78	20.403	2869	2871	2872	rBV2	3237	2698	0.59%	0.070%
79	20.450	2872	2879	2884	rVV5	12365	29563	6.50%	0.769%
80	20.609	2902	2906	2912	rVB	31066	44675	9.83%	1.162%
81	20.703	2919	2922	2926	rBV	17132	23838	5.24%	0.620%
82	20.767	2931	2933	2936	rVB	13159	12693	2.79%	0.330%
83	21.601	3072	3075	3079	rVV	13706	16674	3.67%	0.434%
84	21.637	3079	3081	3087	rVB3	14821	25810	5.68%	0.671%
85	21.701	3088	3092	3096	rBV4	19846	32514	7.15%	0.846%
86	21.748	3098	3100	3107	rVB3	16196	32461	7.14%	0.844%
87	22.048	3142	3151	3156	rBV2	173573	454602	100.00%	11.826%
88	22.101	3156	3160	3166	rVB	81255	141911	31.22%	3.692%
89	22.259	3185	3187	3194	rVB2	12962	21200	4.66%	0.551%
90	22.488	3220	3226	3231	rBV5	15748	34046	7.49%	0.886%
91	22.911	3296	3298	3308	rVB9	12690	25378	5.58%	0.660%
92	22.982	3308	3310	3311	rBV2	5414	4285	0.94%	0.111%
93	24.450	3552	3560	3567	rBV	62021	198451	43.65%	5.162%
94	25.249	3689	3696	3703	rBV	29372	79300	17.44%	2.063%
95	25.408	3717	3723	3733	rVB2	48706	134037	29.48%	3.487%
96	25.572	3743	3751	3761	rBV3	78479	223754	49.22%	5.821%
97	29.338	4390	4392	4393	rBV2	4476	2464	0.54%	0.064%
98	31.699	4792	4794	4797	rBV4	3761	2741	0.60%	0.071%
99	32.263	4888	4890	4892	rBV3	3813	3262	0.72%	0.085%
100	32.592	4944	4946	4947	rBV2	3861	2227	0.49%	0.058%

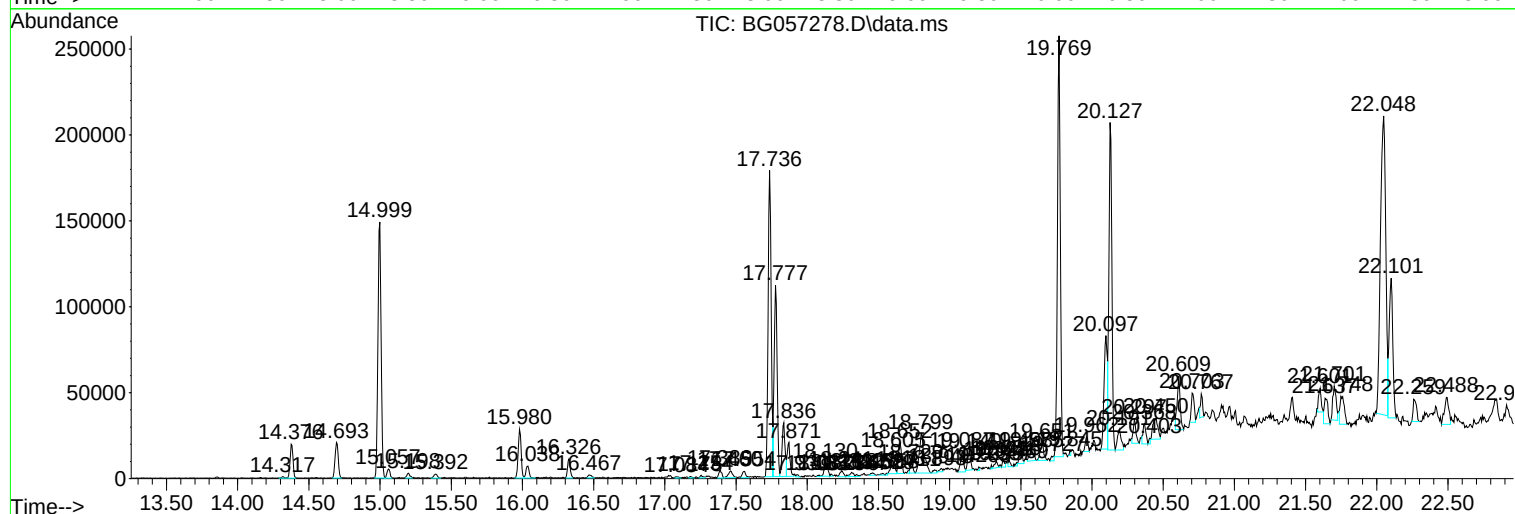
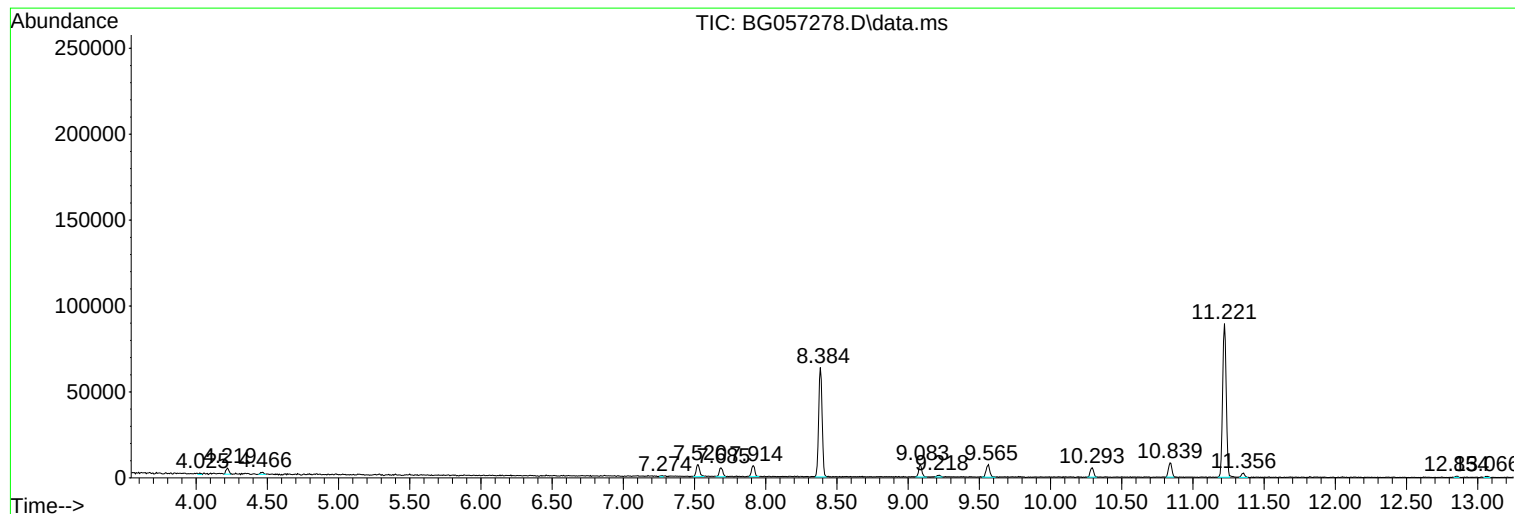
Sum of corrected areas: 3844219

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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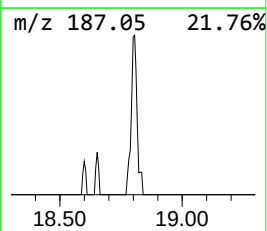
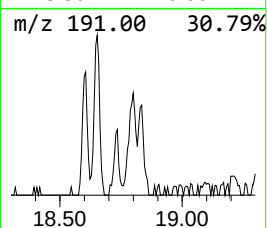
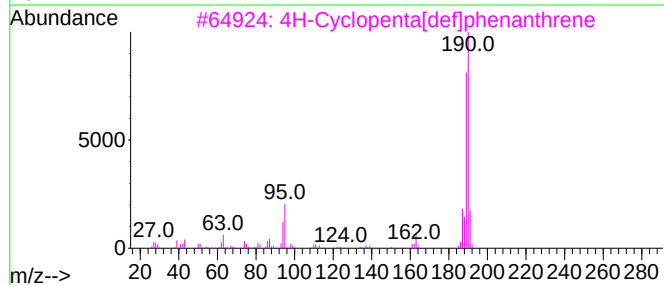
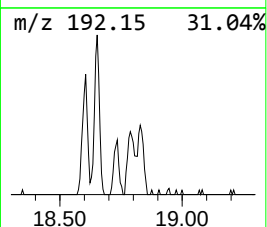
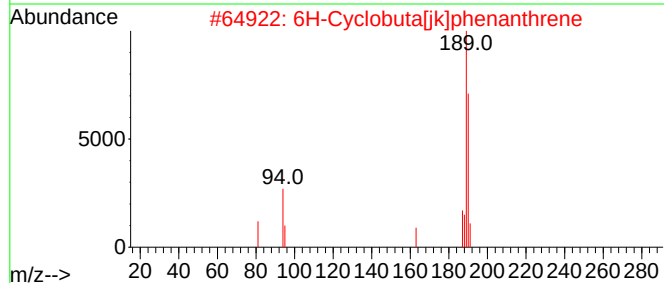
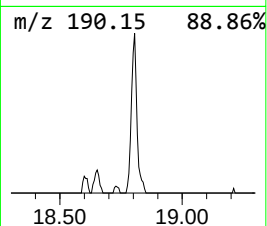
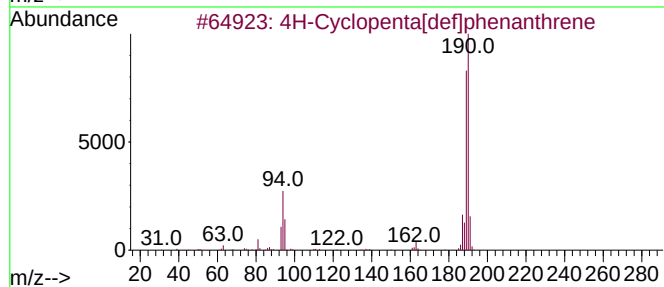
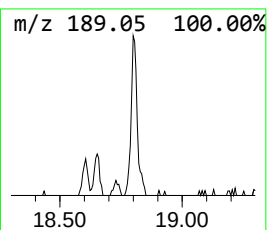
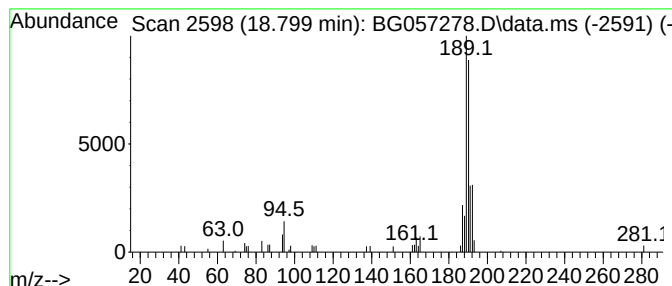
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.799	4.12 ng/ul	55865	Phenanthrene-d10			17.736
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	64
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	58
4	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	38
5	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	32



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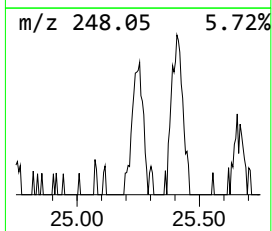
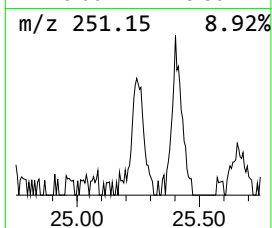
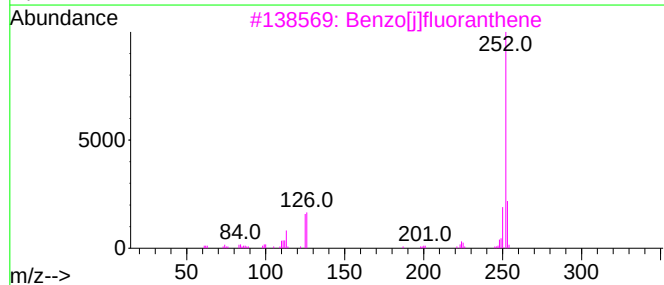
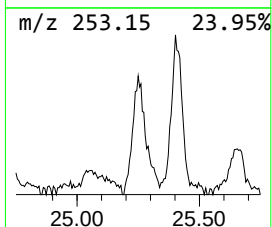
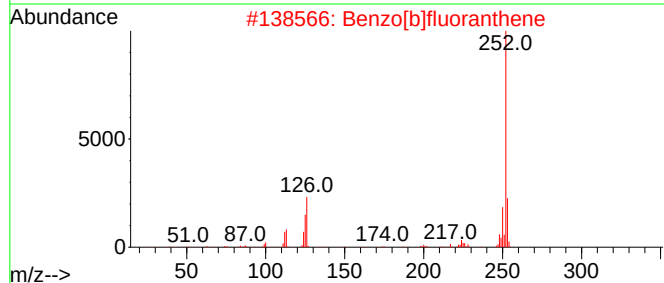
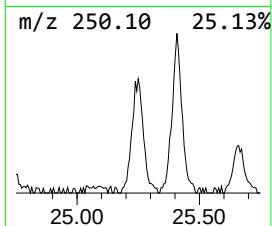
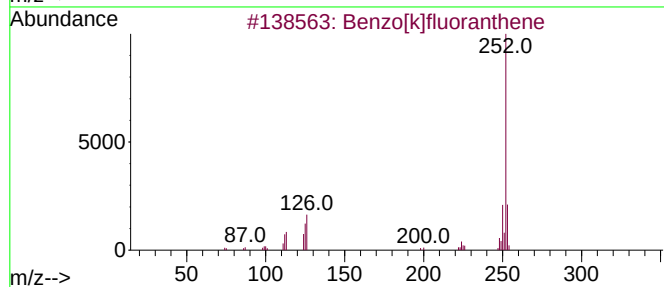
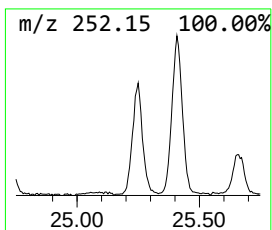
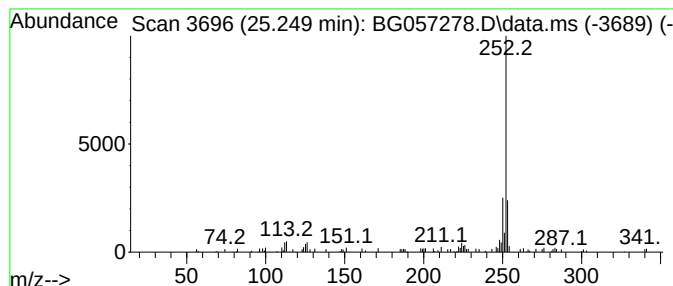
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.249	7.09 ng/ul	79300	Perylene-d12	25.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5			Benzo[e]pyrene	252	C20H12	000192-97-2	81



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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[d... 18.799	4.1	ng/u1	55865	4	17.736	270885	20.0	
Benzo[j]fluoran... 25.249	7.1	ng/u1	79300	6	25.572	223754	20.0	