

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101218\
 Data File : BM017133.D
 Acq On : 12 Oct 2018 16:55
 Operator : MJ/SJ
 Sample : J5184-12 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLC34

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_M\METHODS\SOM-EPA-BM100418MA.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	5.704	458	462	470	rVB	151430	235076	3.42%	0.292%
2	6.863	655	659	673	rVB2	202031	394897	5.75%	0.490%
3	7.028	683	687	693	rVB	159086	232105	3.38%	0.288%
4	7.216	714	719	730	rVB2	458388	776026	11.30%	0.963%
5	7.686	793	799	807	rVB	797253	1244926	18.14%	1.544%
6	8.392	914	919	929	rVB	227436	365088	5.32%	0.453%
7	8.839	989	995	1002	rVB	194405	307247	4.48%	0.381%
8	8.957	1012	1015	1020	rVB3	12653	16590	0.24%	0.021%
9	9.557	1111	1117	1125	rVB	127825	210785	3.07%	0.261%
10	10.092	1201	1208	1219	rVB	237464	400480	5.83%	0.497%
11	10.463	1264	1271	1277	rBV	1189458	1984508	28.91%	2.461%
12	10.510	1277	1279	1286	rVB	39298	58660	0.85%	0.073%
13	10.610	1286	1296	1304	rBV	89350	167935	2.45%	0.208%
14	11.998	1529	1532	1538	rVB2	13752	21931	0.32%	0.027%
15	12.133	1550	1555	1563	rVB	22189	35169	0.51%	0.044%
16	12.251	1567	1575	1585	rBV	31292	62365	0.91%	0.077%
17	12.357	1588	1593	1598	rVV	12009	16451	0.24%	0.020%
18	13.151	1724	1728	1733	rBV2	15952	21658	0.32%	0.027%
19	13.645	1808	1812	1817	rBV2	24253	39035	0.57%	0.048%
20	13.745	1823	1829	1832	rVV	419554	586302	8.54%	0.727%
21	13.792	1832	1837	1845	rVV	731965	1027606	14.97%	1.275%
22	13.857	1847	1848	1857	rVB5	8709	14132	0.21%	0.018%
23	14.015	1865	1875	1880	rBV	492101	798605	11.63%	0.991%
24	14.068	1880	1884	1888	rVB	106615	151418	2.21%	0.188%
25	14.233	1905	1912	1916	rBV3	17069	26468	0.39%	0.033%
26	14.327	1916	1928	1933	rBV2	1615206	2717525	39.59%	3.371%
27	14.363	1933	1934	1937	rVV	320933	263604	3.84%	0.327%
28	14.392	1937	1939	1946	rVB	77752	101450	1.48%	0.126%
29	14.539	1958	1964	1975	rBV3	63152	127939	1.86%	0.159%
30	14.727	1992	1996	2005	rVB	40261	72819	1.06%	0.090%
31	14.998	2038	2042	2046	rBV5	9008	14463	0.21%	0.018%
32	15.139	2061	2066	2071	rBV2	31155	52875	0.77%	0.066%
33	15.192	2072	2075	2079	rVB2	18520	21800	0.32%	0.027%
34	15.321	2091	2097	2103	rBV	678964	993942	14.48%	1.233%

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35	15.380	2103	2107	2113	rVV	79608	117408	1.71%	0.146%
36	15.451	2114	2119	2124	rVV3	47658	77641	1.13%	0.096%
37	15.504	2126	2128	2131	rVB2	15332	15195	0.22%	0.019%
38	15.551	2131	2136	2139	rBV4	12346	24431	0.36%	0.030%
39	15.598	2142	2144	2148	rVB5	14489	15734	0.23%	0.020%
40	15.674	2153	2157	2165	rVB	21048	38798	0.57%	0.048%
41	15.833	2178	2184	2190	rVB5	19538	51340	0.75%	0.064%
42	15.898	2190	2195	2204	rVB5	11573	32551	0.47%	0.040%
43	16.057	2217	2222	2229	rBV6	38611	80705	1.18%	0.100%
44	16.168	2237	2241	2242	rBV4	11867	15438	0.22%	0.019%
45	16.274	2255	2259	2264	rBV	21237	34299	0.50%	0.043%
46	16.380	2272	2277	2282	rBV	131766	175327	2.55%	0.217%
47	16.433	2282	2286	2291	rVV	88549	116624	1.70%	0.145%
48	16.592	2309	2313	2320	rBV5	43513	88517	1.29%	0.110%
49	16.686	2325	2329	2333	rVV	93540	125376	1.83%	0.156%
50	16.733	2333	2337	2342	rVB	95949	141098	2.06%	0.175%
51	16.851	2347	2357	2361	rBV5	152743	288373	4.20%	0.358%
52	16.898	2361	2365	2369	rVV	111022	157496	2.29%	0.195%
53	16.956	2372	2375	2378	rVV2	44453	50110	0.73%	0.062%
54	17.080	2390	2396	2399	rBV	1916413	2764144	40.27%	3.429%
55	17.121	2399	2403	2408	rVV	1755829	2428631	35.38%	3.012%
56	17.174	2408	2412	2415	rVV	682582	1002292	14.60%	1.243%
57	17.209	2415	2418	2423	rVV	468613	634405	9.24%	0.787%
58	17.268	2426	2428	2434	rVB2	61427	92776	1.35%	0.115%
59	17.486	2458	2465	2470	rBV2	180908	288705	4.21%	0.358%
60	17.656	2491	2494	2498	rBV4	35356	60413	0.88%	0.075%
61	17.792	2514	2517	2524	rVB4	60714	108753	1.58%	0.135%
62	17.951	2540	2544	2547	rBV	209096	300796	4.38%	0.373%
63	17.998	2547	2552	2558	rVV	375362	670371	9.77%	0.831%
64	18.056	2558	2562	2564	rVV	92412	133958	1.95%	0.166%
65	18.080	2564	2566	2571	rVV	120416	160177	2.33%	0.199%
66	18.150	2572	2578	2582	rVV3	472076	849321	12.37%	1.053%
67	18.186	2582	2584	2592	rVB	179405	224924	3.28%	0.279%
68	18.456	2625	2630	2634	rBV	197644	296659	4.32%	0.368%
69	18.498	2634	2637	2643	rVB2	146650	208102	3.03%	0.258%
70	18.756	2677	2681	2684	rBV	80096	111821	1.63%	0.139%
71	18.874	2697	2701	2706	rBV	168788	264741	3.86%	0.328%

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72	19.015	2720	2725	2732	rVB2	196722	344986	5.03%	0.428%
73	19.139	2741	2746	2752	rVB	4460809	6095856	88.80%	7.561%
74	19.268	2766	2768	2769	rBV2	87499	72301	1.05%	0.090%
75	19.474	2798	2803	2805	rBV2	1454230	2111857	30.76%	2.619%
76	19.503	2805	2808	2817	rVV	4578660	6369314	92.79%	7.900%
77	19.574	2818	2820	2826	rVB2	208720	324000	4.72%	0.402%
78	19.686	2836	2839	2844	rVB	239901	309333	4.51%	0.384%
79	19.744	2845	2849	2854	rVB2	237324	421308	6.14%	0.523%
80	19.827	2859	2863	2870	rBV2	212886	513322	7.48%	0.637%
81	19.997	2883	2892	2897	rBV	503563	1078404	15.71%	1.338%
82	20.103	2907	2910	2914	rVB	304738	335025	4.88%	0.416%
83	20.162	2916	2920	2923	rVB2	350931	472555	6.88%	0.586%
84	20.297	2941	2943	2946	rVB	194964	177763	2.59%	0.220%
85	20.344	2949	2951	2955	rVB	239559	257377	3.75%	0.319%
86	20.415	2960	2963	2967	rVB2	285364	297936	4.34%	0.370%
87	20.750	3017	3020	3026	rVB	444968	567219	8.26%	0.704%
88	20.915	3045	3048	3052	rVB	441796	550490	8.02%	0.683%
89	20.974	3052	3058	3066	rVV4	613550	1879358	27.38%	2.331%
90	21.044	3068	3070	3082	rVB	407844	593376	8.64%	0.736%
91	21.197	3092	3096	3099	rBV	796156	955575	13.92%	1.185%
92	21.262	3102	3107	3111	rVV3	3277891	6864567	100.00%	8.514%
93	21.309	3111	3115	3125	rVB	4351293	5895459	85.88%	7.312%
94	21.427	3131	3135	3141	rBV3	478501	1049350	15.29%	1.302%
95	21.491	3144	3146	3150	rVB	369471	430192	6.27%	0.534%
96	22.833	3368	3374	3379	rBV	2950064	6305820	91.86%	7.821%
97	23.303	3449	3454	3460	rBV	1750883	3236995	47.16%	4.015%
98	23.397	3466	3470	3478	rVB	1674743	3011772	43.87%	3.736%
99	23.497	3482	3487	3492	rVV	1116617	1960583	28.56%	2.432%
100	25.721	3859	3865	3877	rVB2	857231	2330768	33.95%	2.891%

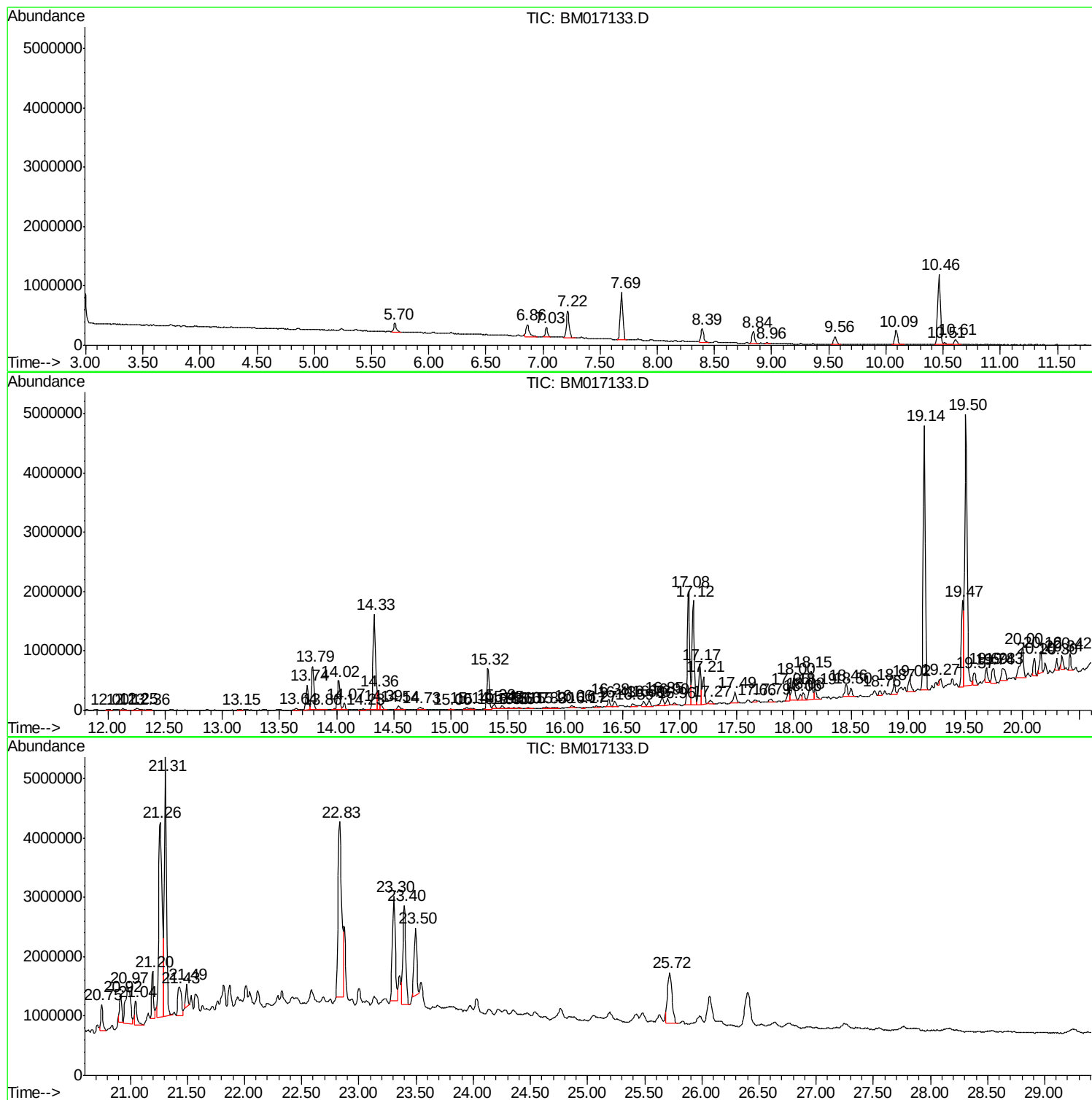
Sum of corrected areas: 80622191

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TIC Library : C:\DATABASE\NIST02.L
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 Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	3.78 ng/ul	235076	1,4-Dichlorobenzene-d4	7.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9 97
2	Styrene	104	C8H8	000100-42-5 96
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1 96
4	Styrene	104	C8H8	000100-42-5 96
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1 95

 Peak Number 2 2-Propanol, 1-chloro-, phos... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.09 ng/ul	288373	Phenanthrene-d10	17.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5 91
2	3-Methyl-5-hydroxy-isoxazole	99	C4H5NO2	045469-93-0 25
3	2-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-52-3 25
4	n-Hexyl methylphosphonofluoridate	182	C7H16F02P	113548-89-3 22
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	000503-88-8 22

 Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.18 ng/ul	300796	Phenanthrene-d10	17.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2 93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9 93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2 93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2 93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2 90

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
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18.15	6.15 ng/ul	849321	Phenanthrene-d10	17.08			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5			Methyl diselenide	190	C2H6Se2	007101-31-7	49

 Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.			
18.46	2.15 ng/ul	296659	Phenanthrene-d10	17.08			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	87
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76

 Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.			
19.02	2.50 ng/ul	344986	Phenanthrene-d10	17.08			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3			Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	53
4			1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	50
5			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50

 Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.			
20.00	3.14 ng/ul	1078400	Chrysene-d12	21.27			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74

 Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.48 ng/ul	1879360	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Norgestrel	312	C21H28O2	006533-00-2	25
2		1,2-Propanediol, 3-benzyloxy-1,2...	266	C14H18O5	013754-10-4	25
3		Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	16
4		Ethisterone	312	C21H28O2	000434-03-7	15
5		Benzeneacetic acid, phenylmethyl...	226	C15H14O2	000102-16-9	14

 Peak Number 9 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	3.06 ng/ul	1049350	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
4		Triphenylene	228	C18H12	000217-59-4	46
5		Naphthacene	228	C18H12	000092-24-0	43

 Peak Number 10 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	33.02 ng/ul	3237000	Perylene-d12	23.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	98
3		Perylene	252	C20H12	000198-55-0	96

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4 Benz[e]acephenanthrylene	252 C20H12	000205-99-2 95
5 Benzo[k]fluoranthene	252 C20H12	000207-08-9 93

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5,7-Cycloocta...	5.70	3.8	ng/ul	235076	1	7.69	1244930	20.0
2-Propanol, 1-chl...	16.85	2.1	ng/ul	288373	4	17.08	2764140	20.0
Phenanthrene, 2-m...	17.95	2.2	ng/ul	300796	4	17.08	2764140	20.0
4H-Cyclopenta[def...	18.15	6.2	ng/ul	849321	4	17.08	2764140	20.0
Naphthalene, 2-ph...	18.46	2.1	ng/ul	296659	4	17.08	2764140	20.0
Cyclopenta(def)ph...	19.02	2.5	ng/ul	344986	4	17.08	2764140	20.0
11H-Benzo[b]fluorene	20.00	3.1	ng/ul	1078400	5	21.27	6864570	20.0
unknown-01	20.97	5.5	ng/ul	1879360	5	21.27	6864570	20.0
Cyclopenta(cd)pyr...	21.43	3.1	ng/ul	1049350	5	21.27	6864570	20.0
Benzo[e]pyrene	23.30	33.0	ng/ul	3237000	6	23.50	1960580	20.0