

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
 Data File : BM003981.D
 Acq On : 13 Jan 2016 07:29
 Operator : SJ/UM
 Sample : H1095-20DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9A8DL

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_M\METHODS\SOM02.2-EPA-BM010116.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	3.651	92	96	100	rVB	5446	6246	0.68%	0.093%
2	6.845	635	639	645	rVB	7443	10988	1.20%	0.164%
3	7.004	662	666	672	rBV	8292	12447	1.35%	0.185%
4	7.204	695	700	706	rBB	8199	12605	1.37%	0.188%
5	7.663	772	778	788	rBB	134028	207543	22.58%	3.092%
6	8.381	896	900	908	rBB	7675	12662	1.38%	0.189%
7	8.828	971	976	983	rBB	7548	12334	1.34%	0.184%
8	9.545	1094	1098	1102	rBB2	4918	5764	0.63%	0.086%
9	10.086	1186	1190	1197	rBB	7976	12847	1.40%	0.191%
10	10.451	1245	1252	1259	rBV	220398	358437	39.00%	5.340%
11	10.604	1274	1278	1286	rBB	2694	4620	0.50%	0.069%
12	13.727	1805	1809	1814	rBV	28072	37523	4.08%	0.559%
13	13.780	1814	1818	1824	rVB	11964	15011	1.63%	0.224%
14	14.010	1852	1857	1862	rBV	31449	47281	5.14%	0.704%
15	14.321	1904	1910	1917	rBV2	344510	511816	55.69%	7.625%
16	14.386	1917	1921	1925	rVB	5392	6806	0.74%	0.101%
17	15.315	2074	2079	2085	rBV	53103	72560	7.90%	1.081%
18	15.374	2085	2089	2094	rVV	5550	7354	0.80%	0.110%
19	16.892	2343	2347	2352	rVB	4011	4818	0.52%	0.072%
20	17.068	2371	2377	2381	rBV	443404	623329	67.83%	9.286%
21	17.109	2381	2384	2389	rVV	121995	166145	18.08%	2.475%
22	17.168	2389	2394	2398	rVV2	55107	80845	8.80%	1.204%
23	17.203	2398	2400	2407	rVB	22504	25302	2.75%	0.377%
24	17.480	2443	2447	2450	rVV	8439	11264	1.23%	0.168%
25	17.592	2463	2466	2469	rVB	3970	4733	0.52%	0.071%
26	17.651	2473	2476	2480	rVB	4737	6078	0.66%	0.091%
27	17.798	2497	2501	2506	rBV	2655	4705	0.51%	0.070%
28	17.945	2521	2526	2530	rBV	32143	42167	4.59%	0.628%
29	17.992	2530	2534	2540	rVB	38827	52870	5.75%	0.788%
30	18.074	2543	2548	2553	rBV	7270	10431	1.14%	0.155%
31	18.139	2553	2559	2563	rVV2	40992	74651	8.12%	1.112%
32	18.180	2563	2566	2572	rVB	22671	30656	3.34%	0.457%
33	18.450	2607	2612	2616	rBV2	15722	20084	2.19%	0.299%
34	18.498	2616	2620	2625	rVB2	15448	22359	2.43%	0.333%

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35	18.698	2650	2654	2659	rVB	8161	9776	1.06%	0.146%
36	18.750	2659	2663	2667	rBV	13005	15299	1.66%	0.228%
37	18.792	2667	2670	2674	rVB2	7830	9588	1.04%	0.143%
38	18.874	2678	2684	2689	rBV	35172	55903	6.08%	0.833%
39	18.933	2689	2694	2697	rVV4	15120	27785	3.02%	0.414%
40	18.962	2697	2699	2703	rVB	9208	10967	1.19%	0.163%
41	19.009	2703	2707	2716	rBV5	13234	26648	2.90%	0.397%
42	19.139	2720	2729	2734	rBV	244864	329408	35.84%	4.908%
43	19.203	2736	2740	2743	rBV	5180	6199	0.67%	0.092%
44	19.239	2743	2746	2750	rVB	7724	9857	1.07%	0.147%
45	19.386	2766	2771	2774	rBV	8887	12013	1.31%	0.179%
46	19.474	2780	2786	2788	rBV2	111795	160873	17.51%	2.397%
47	19.503	2788	2791	2800	rVB	250070	330349	35.95%	4.922%
48	19.580	2800	2804	2809	rVB2	18688	26244	2.86%	0.391%
49	19.686	2812	2822	2828	rBV3	9908	24374	2.65%	0.363%
50	19.745	2828	2832	2837	rVB3	9588	13684	1.49%	0.204%
51	19.833	2840	2847	2855	rBV3	22757	55262	6.01%	0.823%
52	19.968	2865	2870	2872	rBV3	17669	27708	3.01%	0.413%
53	20.003	2872	2876	2880	rVB	47046	65874	7.17%	0.981%
54	20.074	2885	2888	2890	rBV2	3530	4390	0.48%	0.065%
55	20.103	2890	2893	2897	rBV	30119	35242	3.83%	0.525%
56	20.162	2897	2903	2907	rBV2	39205	52847	5.75%	0.787%
57	20.203	2907	2910	2914	rVB2	6710	8116	0.88%	0.121%
58	20.244	2914	2917	2920	rVB2	4438	5360	0.58%	0.080%
59	20.303	2922	2927	2930	rBV	29275	37746	4.11%	0.562%
60	20.350	2930	2935	2938	rVB	25818	33538	3.65%	0.500%
61	20.386	2938	2941	2947	rVB2	6426	9299	1.01%	0.139%
62	20.462	2947	2954	2960	rVB4	4603	8943	0.97%	0.133%
63	20.568	2966	2972	2974	rBV3	9818	15077	1.64%	0.225%
64	20.597	2974	2977	2979	rBV2	5329	5790	0.63%	0.086%
65	20.627	2979	2982	2987	rVB2	7710	10845	1.18%	0.162%
66	20.715	2992	2997	3000	rBV4	9330	15750	1.71%	0.235%
67	20.756	3000	3004	3009	rVB	21212	30701	3.34%	0.457%
68	20.844	3015	3019	3024	rVB	8205	10294	1.12%	0.153%
69	20.921	3024	3032	3035	rBV3	28080	48772	5.31%	0.727%
70	20.956	3035	3038	3042	rVB	21127	22737	2.47%	0.339%
71	20.997	3042	3045	3050	rVB2	15466	23371	2.54%	0.348%

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72	21.050	3050	3054	3062	rVB2	12041	22924	2.49%	0.342%
73	21.162	3066	3073	3077	rBV2	7166	14056	1.53%	0.209%
74	21.274	3081	3092	3096	rBV2	605164	919006	100.00%	13.691%
75	21.309	3096	3098	3108	rVB	140986	168290	18.31%	2.507%
76	21.391	3108	3112	3115	rBV3	9257	11773	1.28%	0.175%
77	21.433	3115	3119	3123	rBV3	17201	23441	2.55%	0.349%
78	21.486	3125	3128	3130	rBV2	4955	6180	0.67%	0.092%
79	21.591	3141	3146	3150	rBV3	13116	24691	2.69%	0.368%
80	21.639	3150	3154	3159	rVB2	6740	9818	1.07%	0.146%
81	21.727	3165	3169	3173	rBV3	5130	7738	0.84%	0.115%
82	21.768	3173	3176	3179	rBV2	8291	11401	1.24%	0.170%
83	21.827	3179	3186	3189	rVV	37001	61314	6.67%	0.913%
84	21.874	3191	3194	3199	rVB	20618	27817	3.03%	0.414%
85	21.938	3201	3205	3209	rBV4	9400	15080	1.64%	0.225%
86	21.980	3209	3212	3215	rVB2	8802	10443	1.14%	0.156%
87	22.021	3215	3219	3222	rBV2	18393	25267	2.75%	0.376%
88	22.121	3231	3236	3240	rBV3	11373	17806	1.94%	0.265%
89	22.315	3266	3269	3274	rBV6	6415	13832	1.51%	0.206%
90	22.421	3284	3287	3290	rBV3	4347	5542	0.60%	0.083%
91	22.591	3313	3316	3322	rVB5	6557	10362	1.13%	0.154%
92	22.838	3350	3358	3364	rBV	74854	192403	20.94%	2.866%
93	23.009	3383	3387	3393	rVB	13260	19351	2.11%	0.288%
94	23.144	3405	3410	3417	rBV4	4472	13192	1.44%	0.197%
95	23.315	3433	3439	3444	rBV	48350	89900	9.78%	1.339%
96	23.368	3444	3448	3451	rVV	38132	59975	6.53%	0.894%
97	23.409	3451	3455	3463	rVB	66321	122245	13.30%	1.821%
98	23.509	3464	3472	3478	rBV	280164	530988	57.78%	7.911%
99	25.750	3846	3853	3863	rVB3	28432	79261	8.62%	1.181%
100	26.444	3963	3971	3983	rVB	22424	66331	7.22%	0.988%

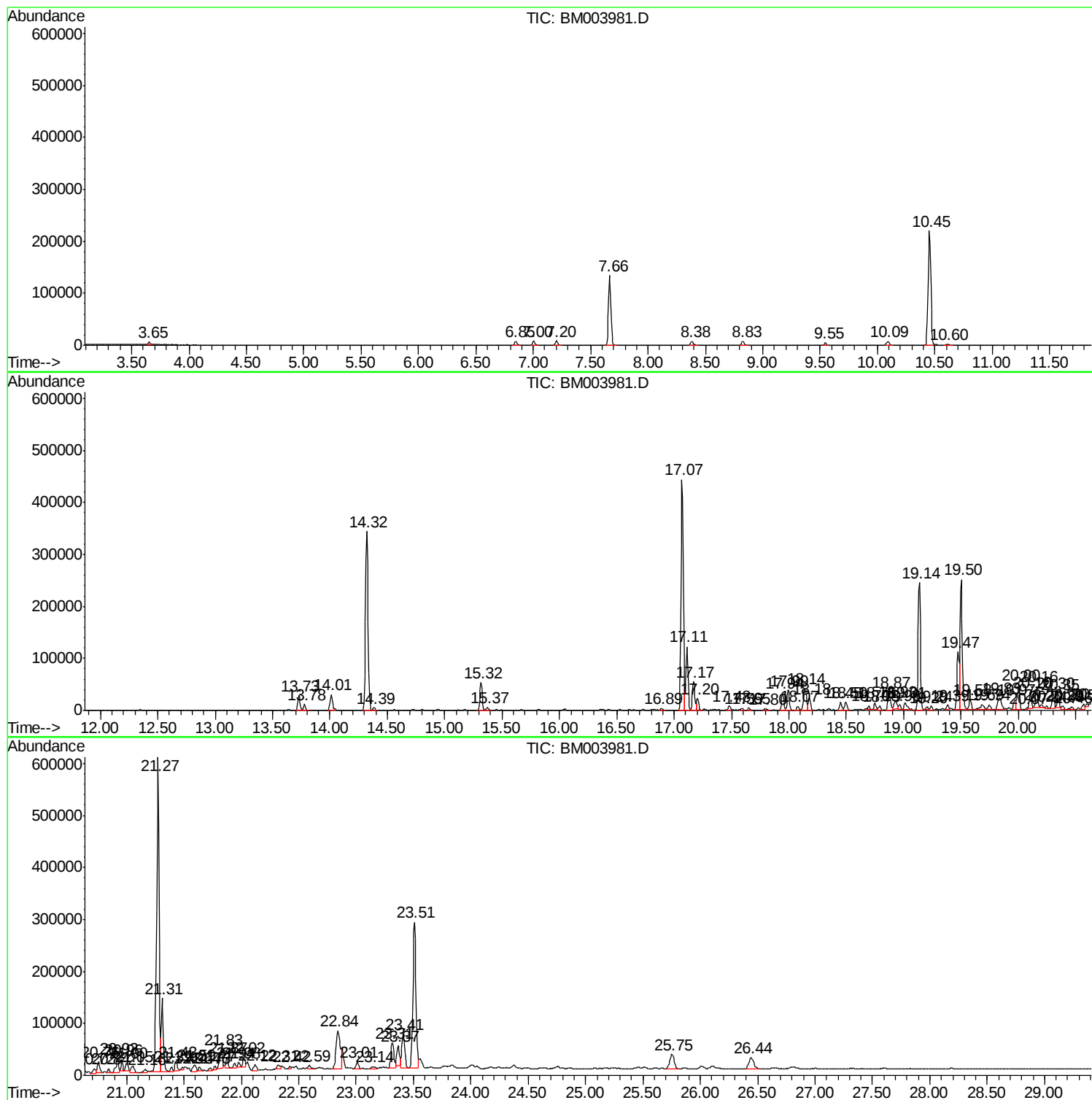
Sum of corrected areas: 6712337

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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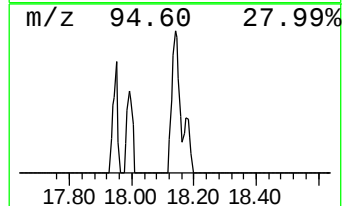
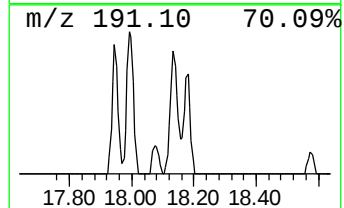
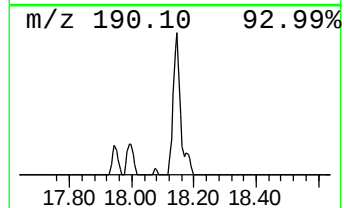
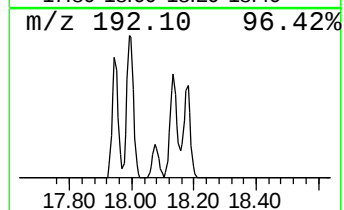
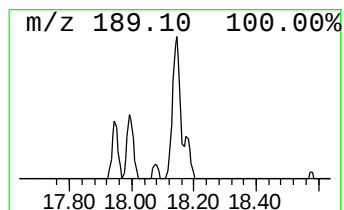
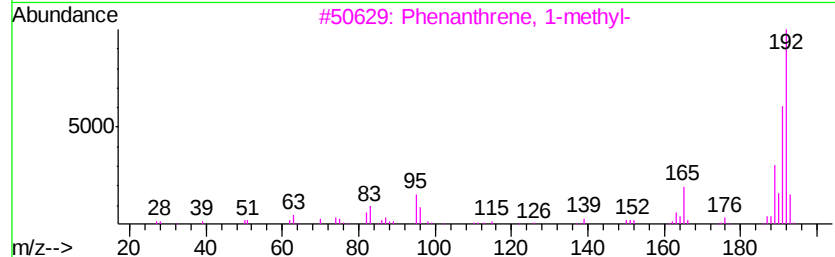
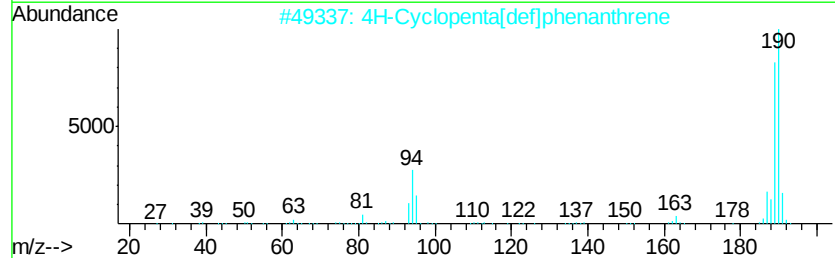
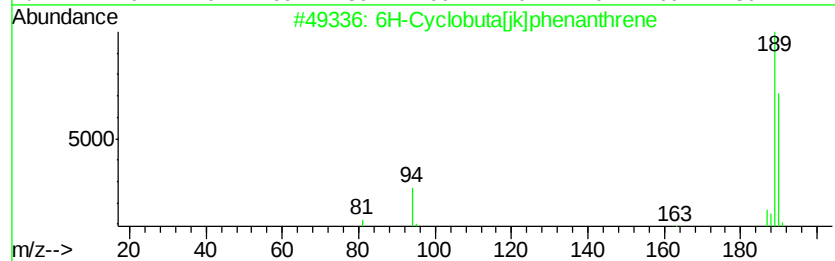
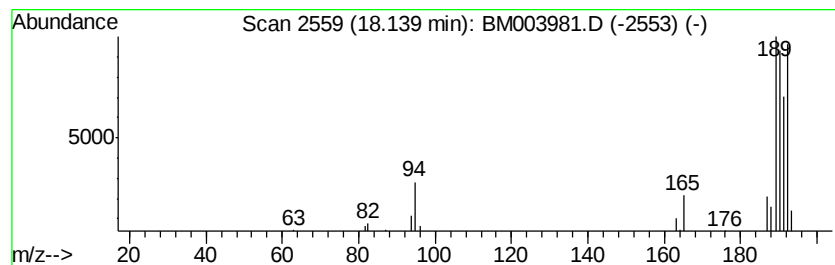
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 6H-Cyclobuta[jk]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.40 ng/ul	74651	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta	[ik]	phenanthrene	190	C15H10	083469-43-6	52
2	4H-Cyclopenta	[def]	phenanthrene	190	C15H10	000203-64-5	46
3	Phenanthrene,	1-methyl-		192	C15H12	000832-69-9	38
4	Benzene, 1,1'-(2-cyclopropen-1-v...			192	C15H12	022825-21-4	38
5	4H-Cyclopenta	[def]	phenanthrene	190	C15H10	000203-64-5	38



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
6H-Cyclobuta[jk]p...	18.14	2.4	ng/ul	74651	4	17.07	623329	20.0