

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014428.D
 Acq On : 01 Mar 2018 07:32
 Operator : SJ/JU
 Sample : J1678-11DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W1DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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\SOM-EPA-BM021418.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	6.728	631	636	646	rBV4	43805	114092	3.56%	0.481%
2	6.869	656	660	666	rBV3	41956	62516	1.95%	0.263%
3	7.057	687	692	700	rBV2	75467	139433	4.36%	0.588%
4	7.510	763	769	781	rBV	570236	998703	31.20%	4.209%
5	8.251	889	895	902	rBV3	63401	140626	4.39%	0.593%
6	8.686	960	969	978	rBV3	62242	149674	4.68%	0.631%
7	9.398	1083	1090	1097	rBV3	57203	112933	3.53%	0.476%
8	9.963	1179	1186	1198	rBV7	45259	139143	4.35%	0.586%
9	10.286	1233	1241	1256	rBV	880062	1577344	49.28%	6.647%
10	13.598	1798	1804	1809	rBV	184054	272471	8.51%	1.148%
11	13.645	1809	1812	1819	rVB3	36812	59718	1.87%	0.252%
12	13.863	1843	1849	1860	rBV2	222235	410813	12.83%	1.731%
13	14.174	1894	1902	1909	rBV2	1449104	2172243	67.86%	9.154%
14	14.239	1909	1913	1919	rVB2	57675	85143	2.66%	0.359%
15	14.357	1928	1933	1942	rBV10	19241	39471	1.23%	0.166%
16	14.492	1949	1956	1959	rBV7	29328	56935	1.78%	0.240%
17	14.586	1968	1972	1979	rVB4	31529	41903	1.31%	0.177%
18	15.033	2041	2048	2055	rVB9	19932	38367	1.20%	0.162%
19	15.180	2067	2073	2078	rBV	275158	432589	13.51%	1.823%
20	15.233	2078	2082	2087	rVB	56335	82795	2.59%	0.349%
21	15.915	2191	2198	2200	rBV8	19126	43816	1.37%	0.185%
22	16.221	2243	2250	2260	rBV	214428	427424	13.35%	1.801%
23	16.515	2295	2300	2307	rVB10	24779	43122	1.35%	0.182%
24	16.604	2310	2315	2320	rBV5	34651	55529	1.73%	0.234%
25	16.756	2337	2341	2348	rVB2	46918	84792	2.65%	0.357%
26	16.939	2366	2372	2375	rBV	1804767	2527066	78.94%	10.650%
27	16.980	2375	2379	2384	rVV	798220	1084684	33.89%	4.571%
28	17.033	2384	2388	2392	rVV2	331278	512854	16.02%	2.161%
29	17.068	2392	2394	2400	rVB	181196	230196	7.19%	0.970%
30	17.356	2437	2443	2448	rBV	73638	152403	4.76%	0.642%
31	17.815	2517	2521	2524	rBV	97553	149199	4.66%	0.629%
32	17.886	2524	2533	2535	rVV2	415775	834124	26.06%	3.515%
33	17.909	2535	2537	2542	rVB	562104	674129	21.06%	2.841%
34	18.009	2549	2554	2558	rBV3	161703	267351	8.35%	1.127%

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35	18.045	2558	2560	2566	rVB2	82467	97026	3.03%	0.409%
36	18.321	2604	2607	2610	rBV2	78993	88981	2.78%	0.375%
37	19.009	2719	2724	2730	rBV	1459252	1882153	58.80%	7.932%
38	19.345	2777	2781	2783	rBV2	596485	785795	24.55%	3.312%
39	19.374	2783	2786	2790	rVB	1092944	1393762	43.54%	5.874%
40	21.150	3083	3088	3092	rBV2	2140384	3201052	100.00%	13.490%
41	21.186	3092	3094	3099	rVB	516690	609594	19.04%	2.569%
42	23.333	3456	3459	3465	rVB2	917924	1457291	45.53%	6.141%

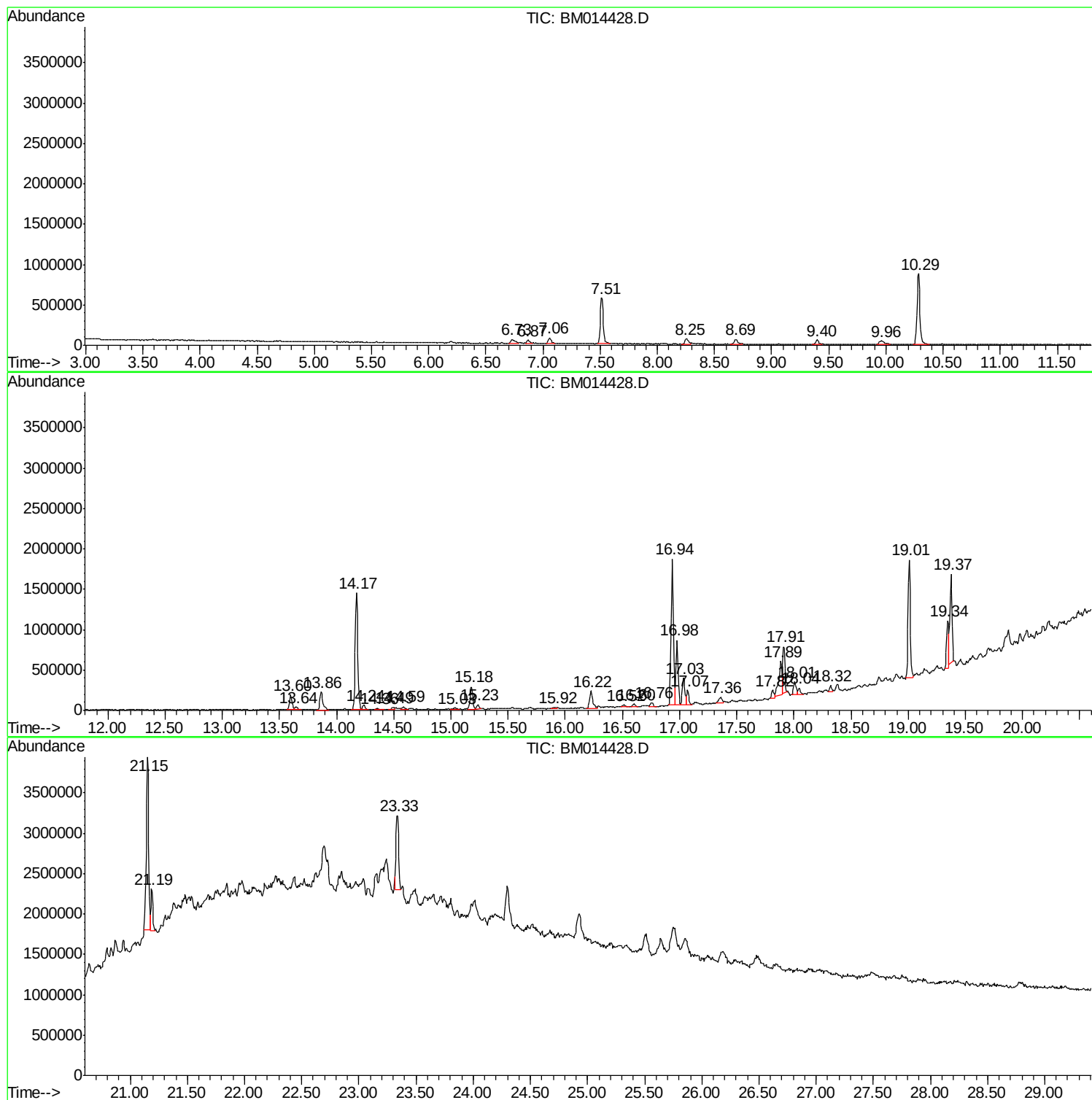
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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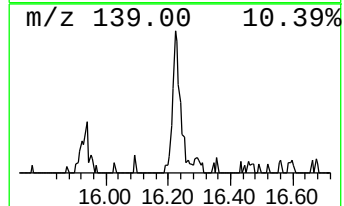
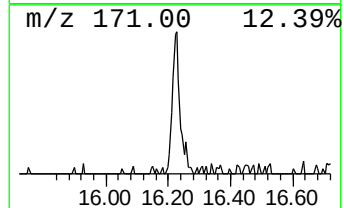
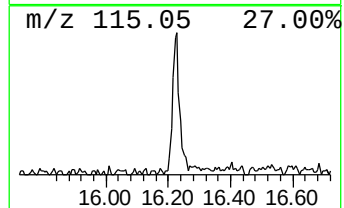
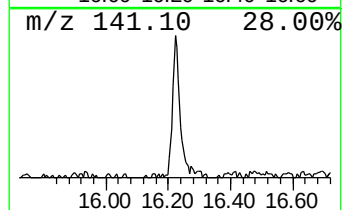
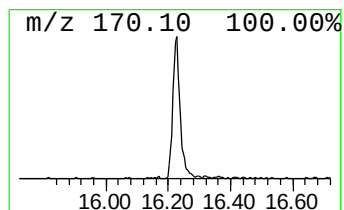
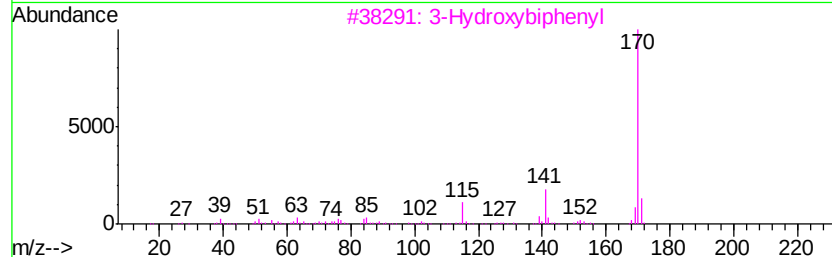
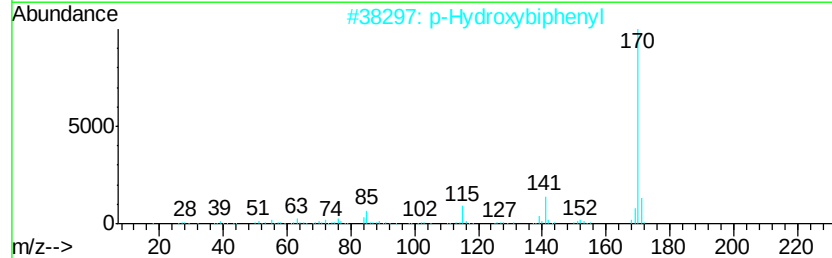
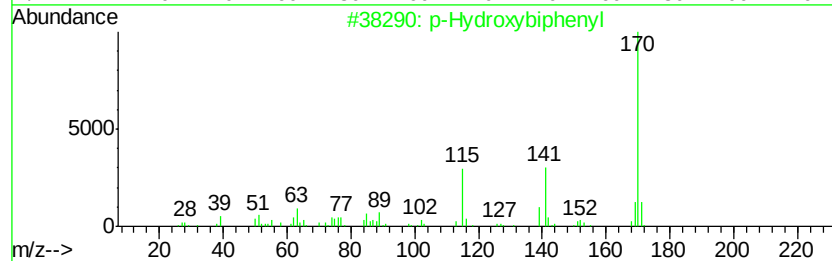
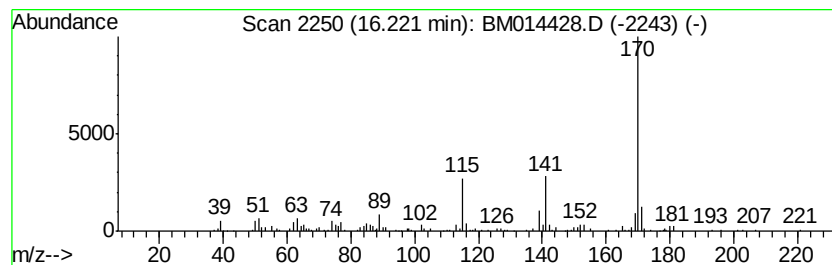
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Peak Number 1 p-Hydroxybiphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	3.38 ng/ul	427424	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
2			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
3			3-Hydroxybiphenyl	170	C12H10O	000580-51-8	91
4			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
5			p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87



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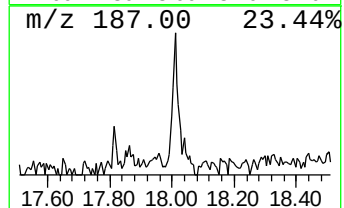
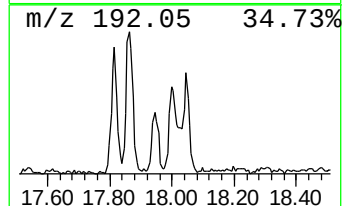
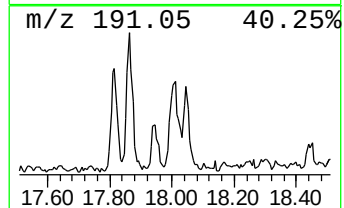
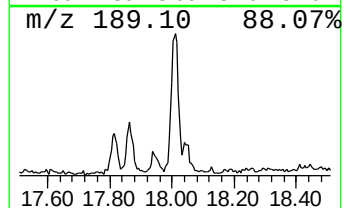
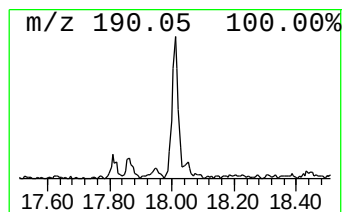
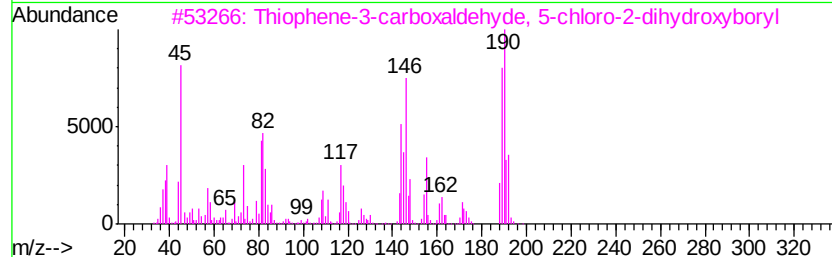
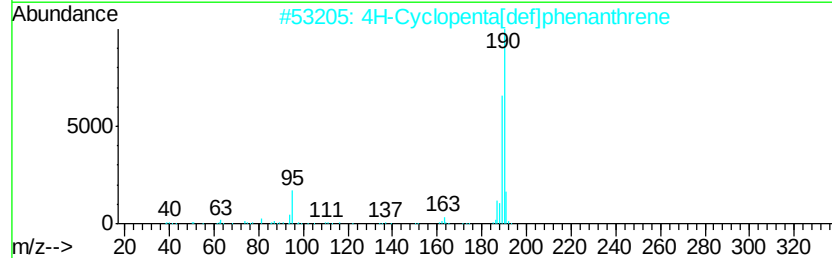
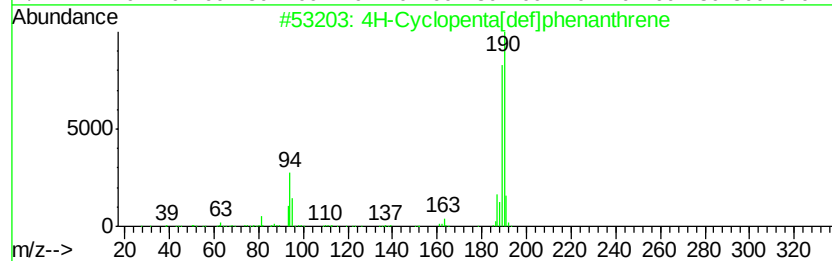
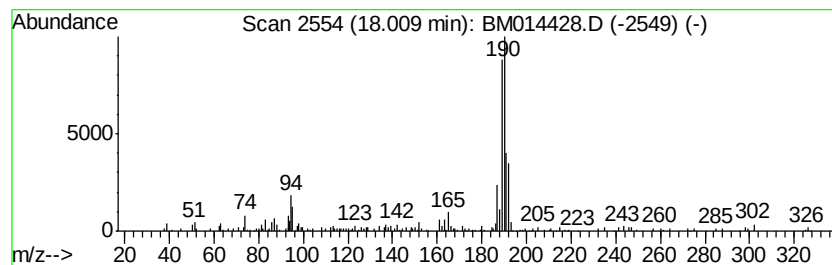
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.01	2.12 ng/ul	267351	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5		4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	49



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
p-Hydroxybiphenyl	16.22	3.4	ng/ul	427424	4	16.94	2527070	20.0
4H-Cyclopenta[def...	18.01	2.1	ng/ul	267351	4	16.94	2527070	20.0