

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012810.D
 Acq On : 07 Nov 2017 23:51
 Operator : SJ/JU
 Sample : I6164-01DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET0D1DL

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-BM110417MA.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	3.805	118	122	128	rBV	30418	39839	1.25%	0.141%
2	6.975	656	661	673	rBB	59226	99300	3.11%	0.353%
3	7.134	683	688	697	rBB	49035	74573	2.33%	0.265%
4	7.334	717	722	729	rBV	63516	101316	3.17%	0.360%
5	7.798	795	801	811	rBB	535122	829066	25.95%	2.943%
6	8.510	916	922	935	rBB	57950	100544	3.15%	0.357%
7	8.957	992	998	1008	rBB	57113	95180	2.98%	0.338%
8	9.681	1115	1121	1127	rBB	47252	77420	2.42%	0.275%
9	10.222	1207	1213	1226	rBV	68290	126747	3.97%	0.450%
10	10.586	1268	1275	1290	rBV	730651	1237908	38.74%	4.395%
11	10.733	1295	1300	1312	rBV	23752	46713	1.46%	0.166%
12	13.845	1824	1829	1834	rBV	163233	223046	6.98%	0.792%
13	13.892	1834	1837	1844	rVB	47715	63974	2.00%	0.227%
14	14.127	1871	1877	1887	rBV	182627	267041	8.36%	0.948%
15	14.439	1923	1930	1937	rBV2	1143297	1746793	54.67%	6.202%
16	14.498	1937	1940	1948	rVB	34700	49930	1.56%	0.177%
17	14.669	1963	1969	1980	rBV2	24578	48869	1.53%	0.173%
18	15.433	2093	2099	2104	rBV	246226	355441	11.12%	1.262%
19	15.486	2104	2108	2117	rVB2	53120	70811	2.22%	0.251%
20	17.004	2361	2366	2371	rVB	30873	42405	1.33%	0.151%
21	17.186	2390	2397	2400	rBV	1418660	2055419	64.32%	7.297%
22	17.227	2400	2404	2409	rVV	788502	1091485	34.16%	3.875%
23	17.280	2409	2413	2416	rVV	274378	375989	11.77%	1.335%
24	17.315	2416	2419	2425	rVB	206749	266422	8.34%	0.946%
25	17.586	2458	2465	2470	rBV2	36772	55482	1.74%	0.197%
26	18.057	2540	2545	2550	rBV	62972	111750	3.50%	0.397%
27	18.104	2550	2553	2558	rVB	87378	110815	3.47%	0.393%
28	18.186	2563	2567	2571	rVV2	25214	36613	1.15%	0.130%
29	18.251	2572	2578	2582	rVV2	143811	230718	7.22%	0.819%
30	18.286	2582	2584	2590	rVB2	37468	49095	1.54%	0.174%
31	18.556	2624	2630	2634	rBV	68199	95969	3.00%	0.341%
32	18.604	2634	2638	2643	rVB	47355	64051	2.00%	0.227%
33	18.974	2696	2701	2708	rBV2	23267	44469	1.39%	0.158%
34	19.121	2722	2726	2733	rVB3	25859	40316	1.26%	0.143%

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35	19.239	2740	2746	2753	rBV	1874491	2520399	78.88%	8.948%
36	19.345	2760	2764	2768	rBV2	23314	44236	1.38%	0.157%
37	19.486	2783	2788	2791	rVV	39531	59302	1.86%	0.211%
38	19.574	2797	2803	2805	rBV3	591090	867310	27.14%	3.079%
39	19.603	2805	2808	2816	rVV	1461600	1855027	58.05%	6.586%
40	19.674	2816	2820	2825	rVB	52398	79568	2.49%	0.282%
41	19.786	2834	2839	2844	rVB	73747	93027	2.91%	0.330%
42	19.845	2845	2849	2857	rVB	33611	44145	1.38%	0.157%
43	19.921	2857	2862	2869	rBV3	60931	155964	4.88%	0.554%
44	20.062	2881	2886	2888	rBV3	48339	83267	2.61%	0.296%
45	20.098	2888	2892	2898	rVB2	229123	308809	9.66%	1.096%
46	20.198	2904	2909	2913	rBV	204187	264941	8.29%	0.941%
47	20.256	2913	2919	2922	rVV2	89936	157986	4.94%	0.561%
48	20.292	2922	2925	2929	rVV	57153	75263	2.36%	0.267%
49	20.398	2939	2943	2946	rBV	46538	62020	1.94%	0.220%
50	20.439	2947	2950	2954	rVV2	45078	66017	2.07%	0.234%
51	20.850	3016	3020	3026	rBV	57950	78428	2.45%	0.278%
52	21.009	3043	3047	3050	rBV	152761	192075	6.01%	0.682%
53	21.045	3050	3053	3056	rVV	95886	119108	3.73%	0.423%
54	21.086	3057	3060	3065	rVB2	98163	165919	5.19%	0.589%
55	21.362	3100	3107	3111	rBV2	1772020	3195429	100.00%	11.345%
56	21.397	3111	3113	3122	rVB	774471	896990	28.07%	3.185%
57	21.515	3130	3133	3138	rBV	168533	219798	6.88%	0.780%
58	21.680	3157	3161	3165	rBV2	83103	124999	3.91%	0.444%
59	22.956	3373	3378	3383	rBV	613365	1370954	42.90%	4.867%
60	23.127	3405	3407	3415	rVB	107929	162634	5.09%	0.577%
61	23.444	3456	3461	3466	rBV	355958	631069	19.75%	2.240%
62	23.497	3467	3470	3473	rVV2	138646	219911	6.88%	0.781%
63	23.544	3473	3478	3485	rVB	540472	980439	30.68%	3.481%
64	23.644	3488	3495	3500	rBV	975268	1866984	58.43%	6.628%
65	25.944	3880	3886	3898	rVB2	308759	879091	27.51%	3.121%

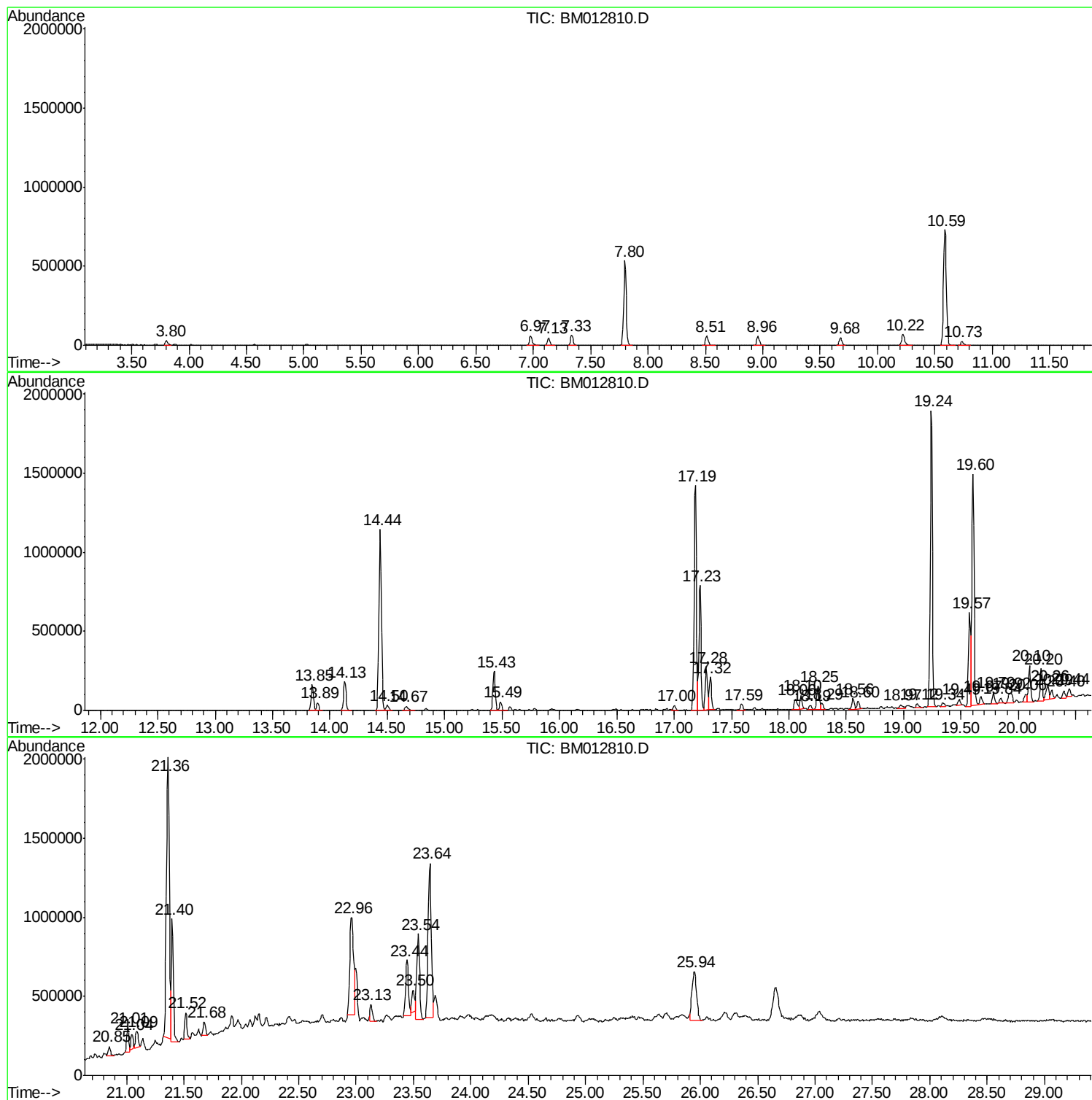
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Quant Title : SVOA CALIBRATION

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



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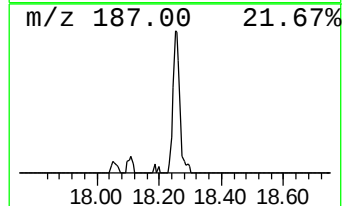
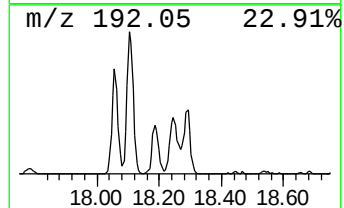
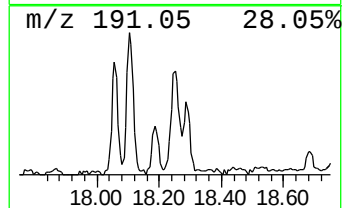
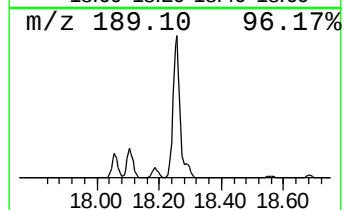
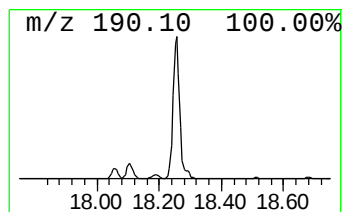
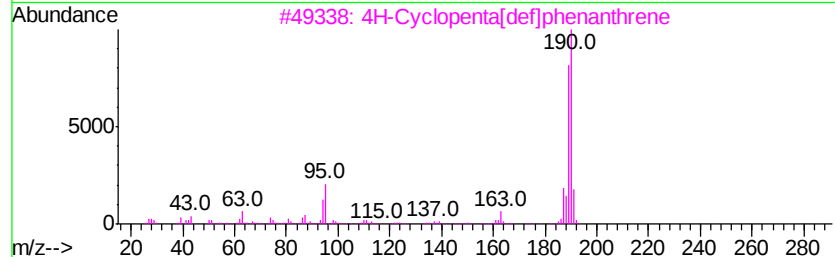
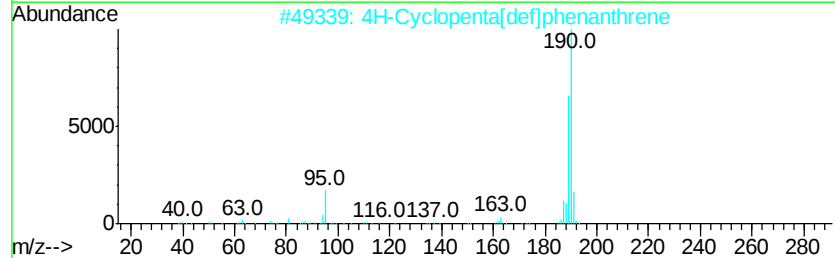
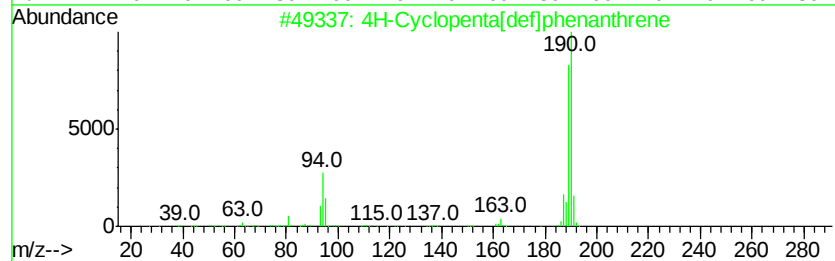
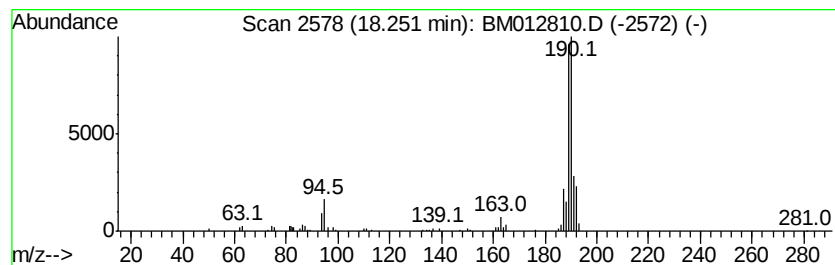
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.25	2.24 ng/ul	230718	Phenanthrene-d10		17.19	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4		6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	72
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



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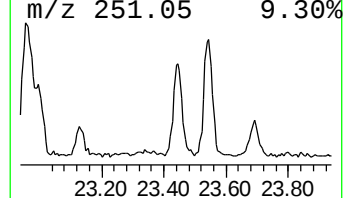
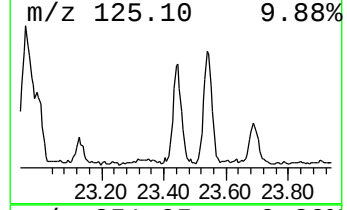
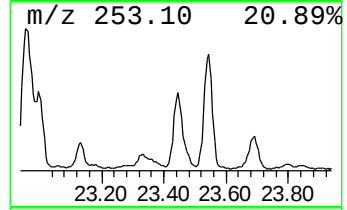
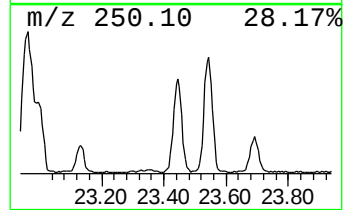
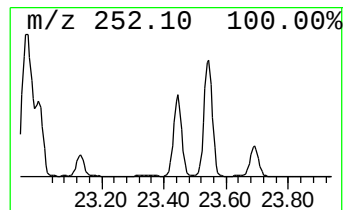
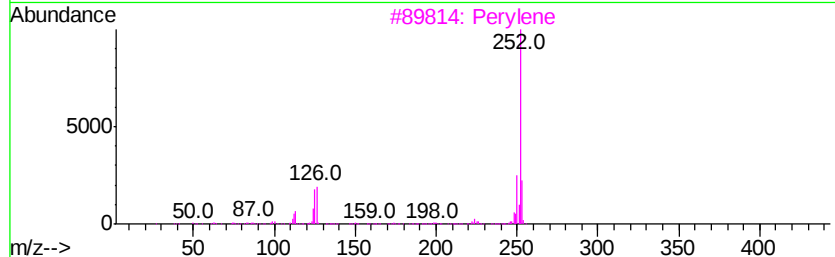
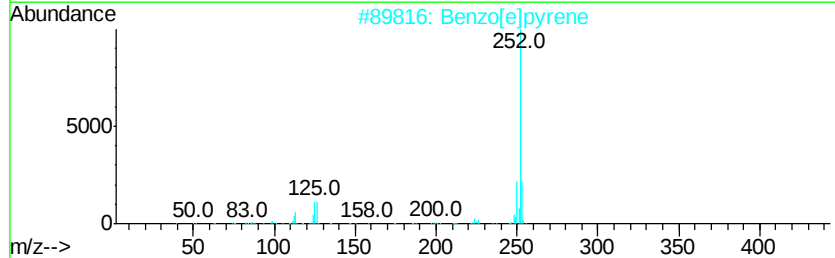
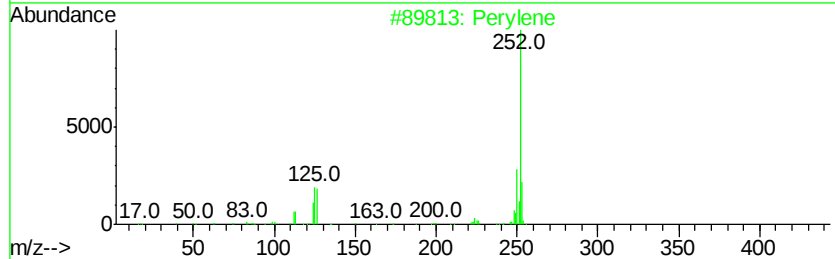
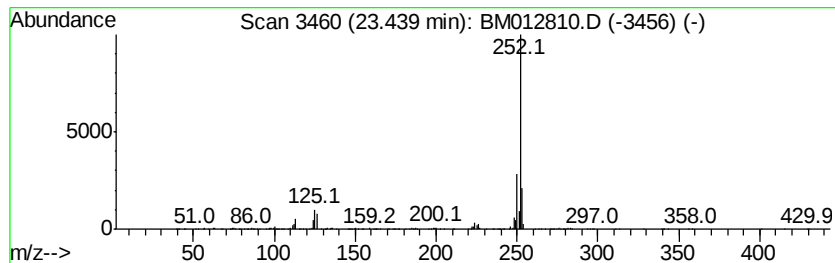
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	6.76 ng/ul	631069	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	93
2		Benzo[el]pyrene	252	C20H12	000192-97-2	93
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	18.25	2.2	ng/ul	230718	4	17.19	2055420	20.0
Perylene	23.44	6.8	ng/ul	631069	6	23.64	1866980	20.0