

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096184.D
 Acq On : 24 Jun 2017 11:49
 Operator : SJ/MA
 Sample : I3849-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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_F\METHODS\8270-BF060517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.540	7	9	30	rBV	606329	1161597	100.00%	15.842%
2	5.239	635	638	640	rBV2	11926	15966	1.37%	0.218%
3	6.939	923	927	928	rBV2	16067	22515	1.94%	0.307%
4	6.969	928	932	954	rVB3	52837	183767	15.82%	2.506%
5	7.263	978	982	1000	rBV	235542	353874	30.46%	4.826%
6	7.504	1020	1023	1038	rBV	54164	99155	8.54%	1.352%
7	8.233	1144	1147	1167	rBV3	15133	59272	5.10%	0.808%
8	9.298	1323	1328	1346	rBV	327158	524008	45.11%	7.146%
9	11.080	1627	1631	1645	rBV	106756	149410	12.86%	2.038%
10	11.786	1748	1751	1761	rBB3	11658	20425	1.76%	0.279%
11	12.116	1802	1807	1813	rBV	417227	542920	46.74%	7.404%
12	12.168	1813	1816	1827	rVB2	35912	58263	5.02%	0.795%
13	12.480	1866	1869	1881	rBV	9769	18971	1.63%	0.259%
14	13.021	1958	1961	1973	rBB2	20275	31190	2.69%	0.425%
15	13.439	2027	2032	2039	rBV2	29169	55941	4.82%	0.763%
16	14.351	2184	2187	2192	rVB	12095	13780	1.19%	0.188%
17	14.509	2210	2214	2217	rBV	411419	490382	42.22%	6.688%
18	14.545	2217	2220	2231	rVV	270185	402083	34.61%	5.484%
19	14.651	2233	2238	2249	rVB	47096	75597	6.51%	1.031%
20	14.974	2289	2293	2298	rBV2	13317	22489	1.94%	0.307%
21	15.327	2347	2353	2358	rBV	29827	36416	3.13%	0.497%
22	15.374	2358	2361	2369	rVB	34042	43912	3.78%	0.599%
23	15.451	2369	2374	2375	rBV3	12556	12714	1.09%	0.173%
24	15.480	2375	2379	2384	rVV3	31073	57635	4.96%	0.786%
25	15.527	2384	2387	2395	rVB2	19155	30459	2.62%	0.415%
26	15.786	2424	2431	2437	rVB	19599	26401	2.27%	0.360%
27	15.874	2443	2446	2451	rBV3	11373	17160	1.48%	0.234%
28	16.145	2489	2492	2496	rBV	13609	15901	1.37%	0.217%
29	16.345	2521	2526	2533	rBV	293346	374646	32.25%	5.109%
30	16.645	2573	2577	2590	rVB	298120	396703	34.15%	5.410%
31	16.856	2607	2613	2616	rBV2	15006	20316	1.75%	0.277%
32	16.898	2616	2620	2627	rVV	95971	112694	9.70%	1.537%
33	16.980	2632	2634	2640	rVB	13538	21303	1.83%	0.291%
34	17.092	2649	2653	2656	rBV2	10557	17000	1.46%	0.232%

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35	17.133	2656	2660	2666	rVB	17644	27609	2.38%	0.377%
36	17.215	2668	2674	2677	rBV	12144	13723	1.18%	0.187%
37	17.262	2678	2682	2688	rBV2	24371	38822	3.34%	0.529%
38	17.380	2696	2702	2706	rBV2	10971	15438	1.33%	0.211%
39	17.839	2776	2780	2784	rVB2	15372	21229	1.83%	0.290%
40	17.933	2793	2796	2798	rBV2	11208	12721	1.10%	0.173%
41	17.956	2798	2800	2803	rVV	18295	22900	1.97%	0.312%
42	17.997	2805	2807	2810	rVV2	12295	14846	1.28%	0.202%
43	18.039	2812	2814	2819	rVB3	11721	15202	1.31%	0.207%
44	18.109	2823	2826	2832	rBV3	14094	21947	1.89%	0.299%
45	18.156	2832	2834	2839	rVB5	9720	13736	1.18%	0.187%
46	18.250	2844	2850	2854	rBV2	343704	503445	43.34%	6.866%
47	18.286	2854	2856	2865	rVV2	82019	123961	10.67%	1.691%
48	18.380	2869	2872	2876	rBV4	13190	18515	1.59%	0.253%
49	18.603	2907	2910	2915	rVB2	12447	18802	1.62%	0.256%
50	18.768	2932	2938	2943	rVV3	17948	30767	2.65%	0.420%
51	18.815	2943	2946	2950	rVB5	11093	13479	1.16%	0.184%
52	18.915	2961	2963	2966	rBV4	8519	11906	1.02%	0.162%
53	19.403	3038	3046	3047	rBV6	21364	45424	3.91%	0.619%
54	19.527	3063	3067	3070	rBV	98287	124976	10.76%	1.704%
55	19.815	3113	3116	3121	rBV	66891	83638	7.20%	1.141%
56	19.874	3123	3126	3131	rBV	110107	148644	12.80%	2.027%
57	19.927	3131	3135	3146	rVB2	269721	432186	37.21%	5.894%
58	21.097	3332	3334	3343	rVB2	45115	73705	6.35%	1.005%

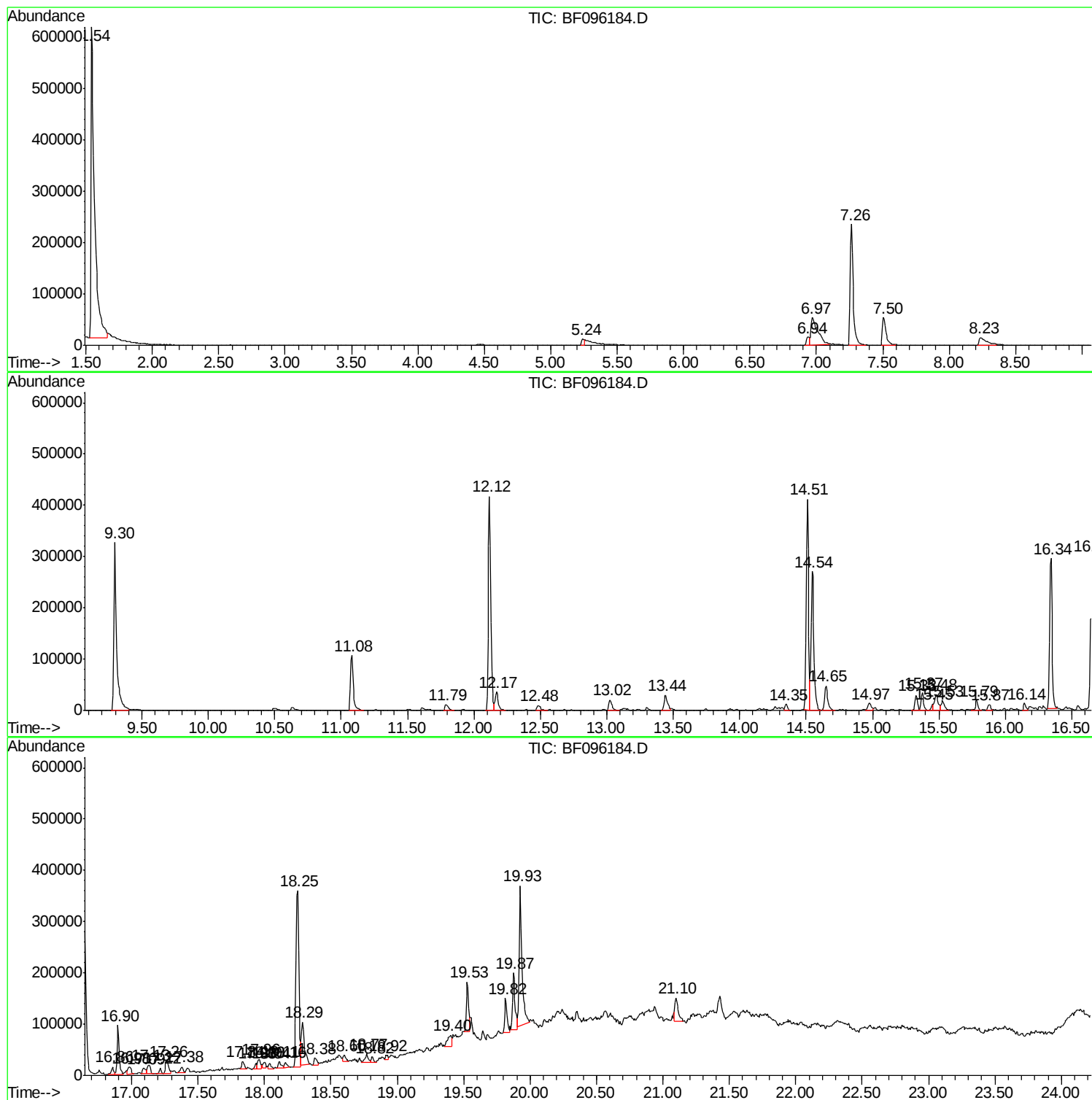
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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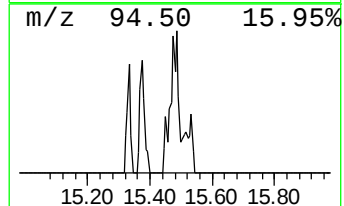
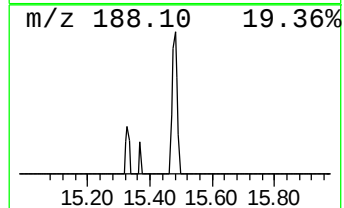
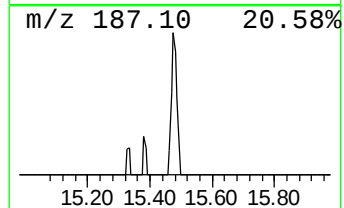
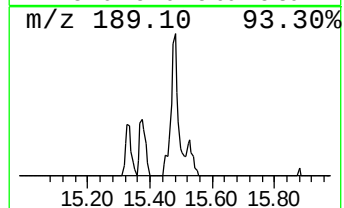
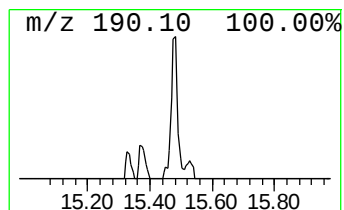
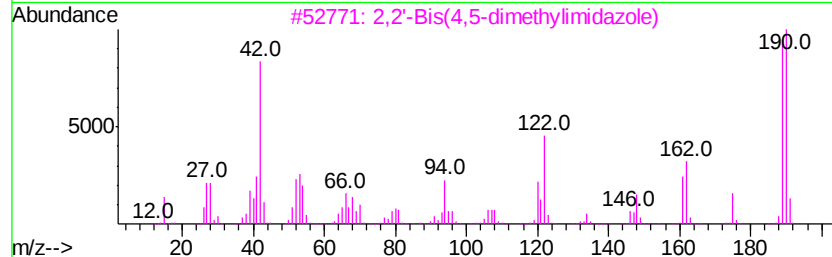
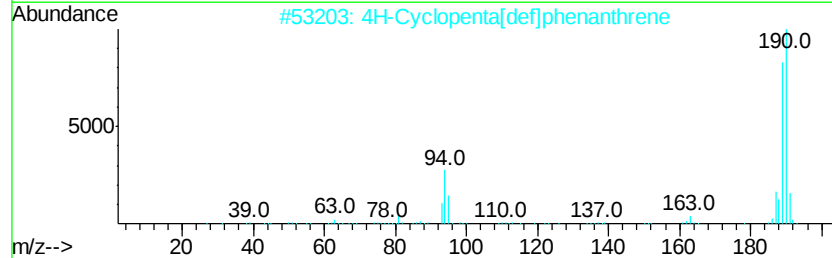
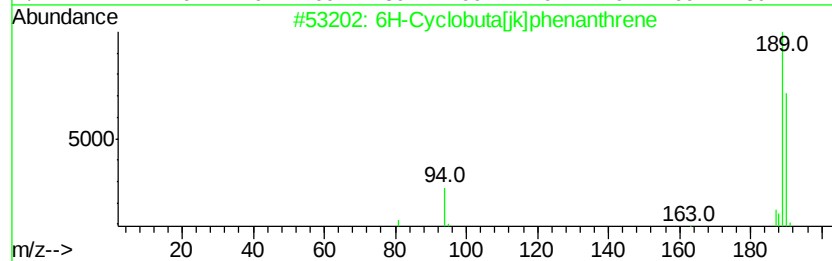
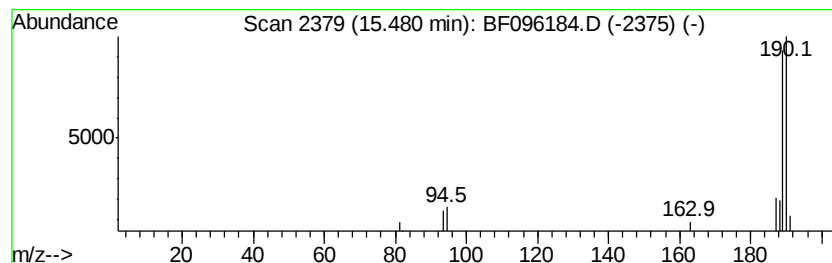
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 6H-Cyclobuta[jk]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	2.35 ng	57635	Phenanthrene-d10	14.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	90
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	78
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
4			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	45
5			8H-Cyclopenta[d][1,2,4]triazolo[...	190	C9H10N4O	1000337-56-4	17



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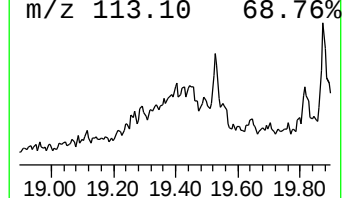
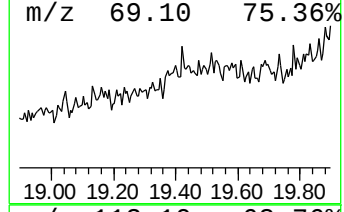
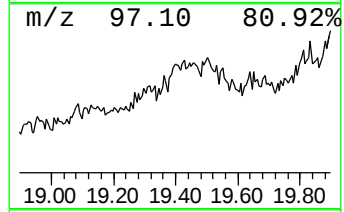
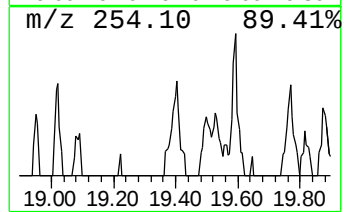
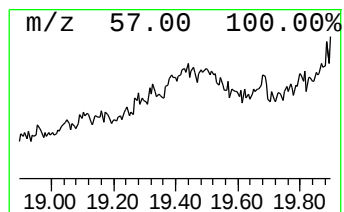
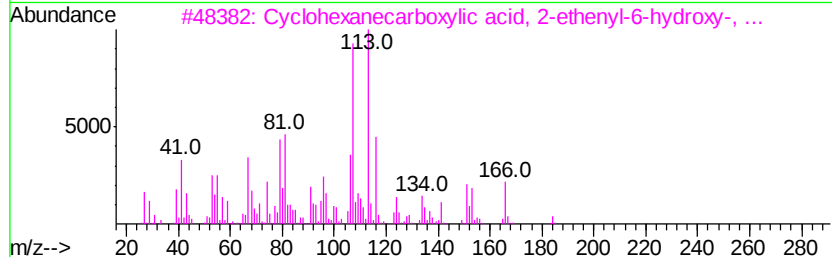
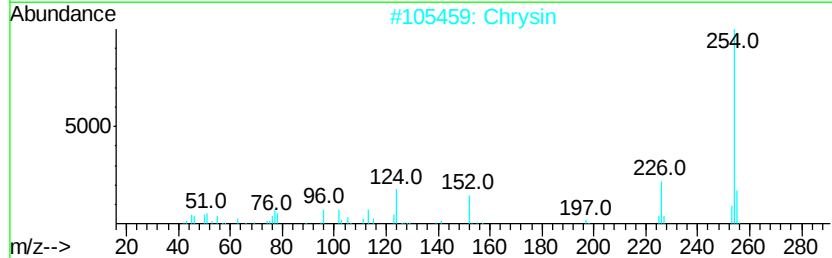
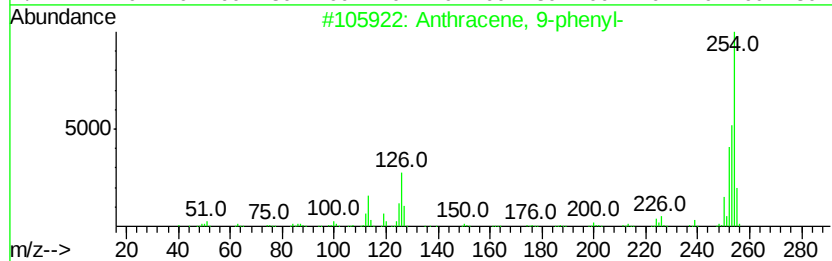
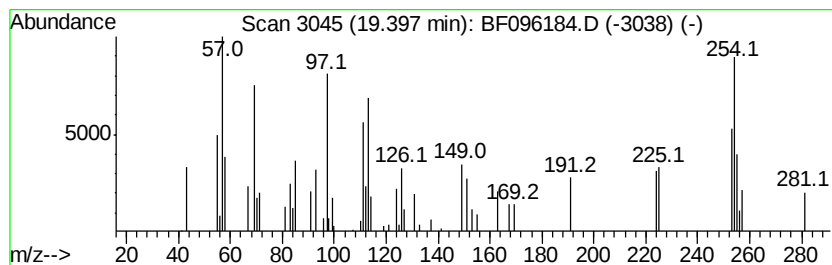
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Peak Number 5 unknown19.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	2.10 ng	45424	Perylene-d12	19.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	25
2		Chrysin	254	C15H10O4	000480-40-0	14
3		Cyclohexanecarboxylic acid, 2-eth...	184	C10H16O3	113122-03-5	11
4		Bicyclo[3.2.1]oct-2-ene, 3-chloro-	142	C8H11Cl	035242-17-2	11
5		Azacyclotridecan-2-one, 1-(3-ami...	254	C15H30N2O	064414-61-5	11



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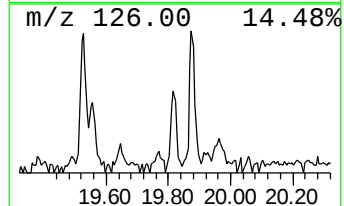
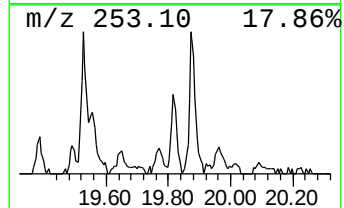
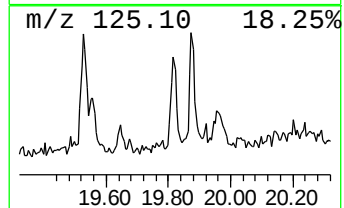
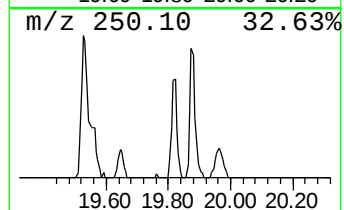
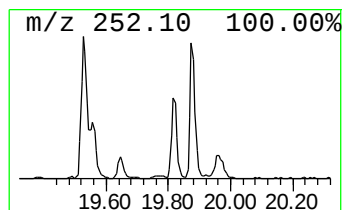
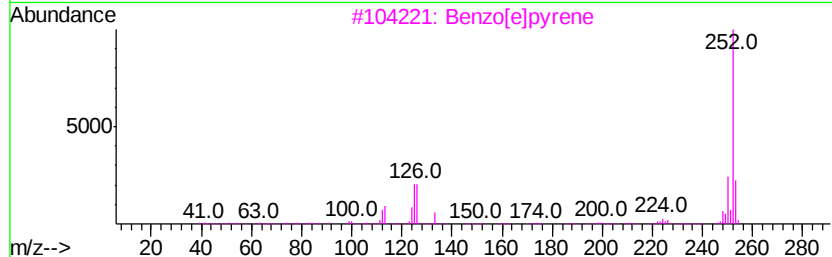
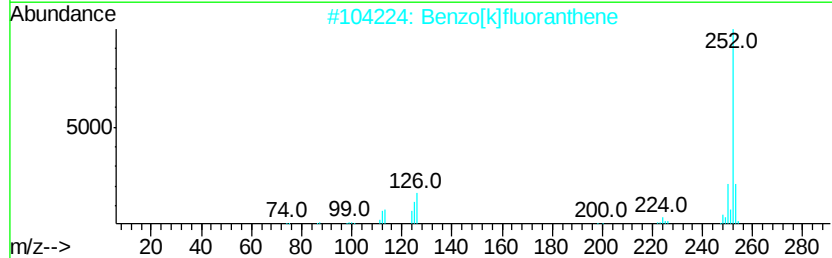
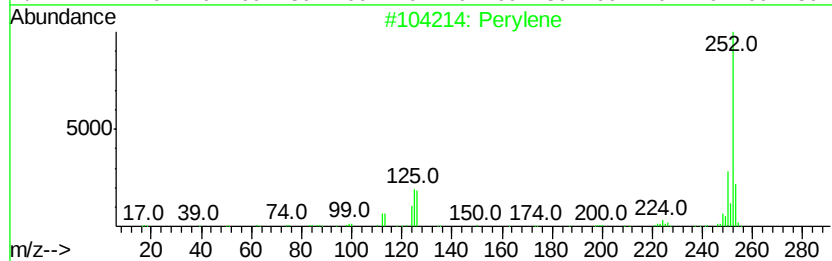
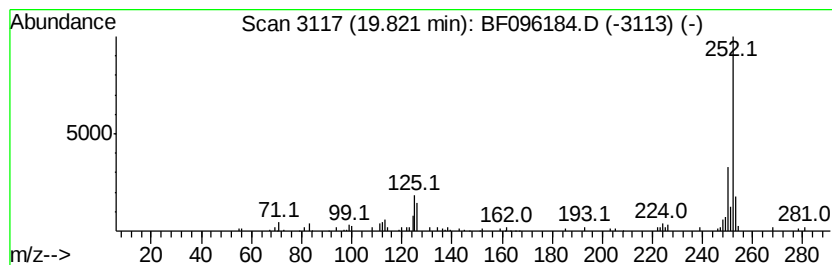
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Peak Number 6 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.87 ng	83638	Perylene-d12	19.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[e]pyrene	252	C20H12	000192-97-2	94
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
6H-Cyclobuta[jk]p...	15.48	2.4	ng	57635	4	14.51	490382	20.0
unknown19.40	19.40	2.1	ng	45424	6	19.93	432186	20.0
Perylene	19.82	3.9	ng	83638	6	19.93	432186	20.0