

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
 Data File : BP004236.D
 Acq On : 11 Dec 2020 19:45
 Operator : CG/JU
 Sample : L5000-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A7

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_P\METHODS\SOM-EPA-BP121020MA.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	4.270	181	184	193	rVB	50067	72728	0.80%	0.071%
2	5.922	461	465	473	rVB2	48434	81218	0.90%	0.080%
3	6.987	640	646	659	rVB	824568	1374825	15.18%	1.346%
4	7.164	670	676	686	rVB	678397	1117878	12.34%	1.095%
5	7.358	703	709	717	rBV	838710	1378847	15.22%	1.350%
6	7.428	718	721	725	rBV	26586	40129	0.44%	0.039%
7	7.828	782	789	798	rBV	1617481	2602588	28.73%	2.549%
8	8.522	900	907	917	rBV	961834	1593046	17.58%	1.560%
9	8.981	978	985	993	rBV	808070	1336928	14.76%	1.309%
10	9.434	1056	1062	1071	rVB2	38906	71743	0.79%	0.070%
11	9.705	1100	1108	1116	rBV	537863	892789	9.85%	0.874%
12	10.240	1191	1199	1210	rBV	993363	1646610	18.18%	1.613%
13	10.622	1256	1264	1271	rBV	2193988	3732247	41.20%	3.655%
14	10.669	1271	1272	1278	rVB	50872	62927	0.69%	0.062%
15	10.752	1278	1286	1301	rBV	865442	1505115	16.61%	1.474%
16	12.210	1529	1534	1541	rVB3	21489	37212	0.41%	0.036%
17	13.081	1678	1682	1689	rBV3	24176	38084	0.42%	0.037%
18	13.375	1727	1732	1738	rVV2	25094	43625	0.48%	0.043%
19	13.881	1809	1818	1822	rBV	1714272	2410268	26.61%	2.360%
20	13.928	1822	1826	1832	rVB	422495	595557	6.57%	0.583%
21	14.163	1856	1866	1878	rBV	2197193	3380213	37.31%	3.310%
22	14.475	1909	1919	1926	rBV	3152209	4880010	53.87%	4.779%
23	14.534	1926	1929	1937	rVB2	23250	39586	0.44%	0.039%
24	14.657	1944	1950	1963	rBV	422868	679285	7.50%	0.665%
25	14.875	1982	1987	1993	rVB2	27131	50396	0.56%	0.049%
26	15.469	2080	2088	2094	rBV	2741385	3844227	42.43%	3.765%
27	15.522	2094	2097	2102	rVV3	31166	49669	0.55%	0.049%
28	15.581	2102	2107	2116	rVV	391574	560375	6.19%	0.549%
29	15.710	2123	2129	2134	rBV2	28573	48198	0.53%	0.047%
30	15.822	2144	2148	2156	rVB3	26003	48472	0.54%	0.047%
31	15.969	2169	2173	2180	rVB	28364	53056	0.59%	0.052%
32	16.204	2209	2213	2217	rVV6	22379	38553	0.43%	0.038%
33	16.769	2304	2309	2312	rBV2	23147	37823	0.42%	0.037%
34	16.881	2324	2328	2336	rVB2	37658	65631	0.72%	0.064%

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35	16.963	2337	2342	2347	rVV3	26408	60251	0.67%	0.059%
36	17.016	2347	2351	2353	rVV2	28277	42377	0.47%	0.042%
37	17.051	2353	2357	2364	rVB	47435	76626	0.85%	0.075%
38	17.234	2380	2388	2392	rBV	3898253	5734709	63.30%	5.616%
39	17.275	2392	2395	2399	rVV	1139624	1494023	16.49%	1.463%
40	17.328	2399	2404	2415	rVV	2815900	4289771	47.35%	4.201%
41	17.422	2416	2420	2425	rVB4	30763	52200	0.58%	0.051%
42	17.634	2447	2456	2460	rBV	68638	113749	1.26%	0.111%
43	17.757	2472	2477	2481	rVV2	40775	57629	0.64%	0.056%
44	18.104	2531	2536	2538	rVV	183615	264145	2.92%	0.259%
45	18.145	2538	2543	2549	rVV	258100	498597	5.50%	0.488%
46	18.198	2549	2552	2554	rVV	22165	33722	0.37%	0.033%
47	18.222	2554	2556	2561	rVV	44853	65728	0.73%	0.064%
48	18.286	2561	2567	2571	rVV2	204468	376730	4.16%	0.369%
49	18.322	2571	2573	2578	rVB	127742	167391	1.85%	0.164%
50	18.433	2586	2592	2596	rBV9	28008	46856	0.52%	0.046%
51	18.586	2613	2618	2621	rVV	172619	239210	2.64%	0.234%
52	18.622	2621	2624	2629	rVB	169384	217507	2.40%	0.213%
53	18.828	2655	2659	2662	rBV2	41293	56838	0.63%	0.056%
54	18.875	2663	2667	2670	rVV	55603	69429	0.77%	0.068%
55	18.910	2670	2673	2677	rVB2	47292	61748	0.68%	0.060%
56	18.992	2682	2687	2691	rBV2	119391	183523	2.03%	0.180%
57	19.045	2691	2696	2700	rBV3	55607	119255	1.32%	0.117%
58	19.081	2700	2702	2705	rVB	48264	44372	0.49%	0.043%
59	19.122	2705	2709	2717	rVB2	150078	229919	2.54%	0.225%
60	19.245	2721	2730	2737	rBV	3116939	4169522	46.02%	4.083%
61	19.310	2738	2741	2744	rBV	30992	37727	0.42%	0.037%
62	19.345	2744	2747	2748	rBV2	33150	38261	0.42%	0.037%
63	19.363	2748	2750	2751	rVV	42324	35251	0.39%	0.035%
64	19.392	2751	2755	2758	rVB	144116	174862	1.93%	0.171%
65	19.433	2759	2762	2765	rBV3	39484	43067	0.48%	0.042%
66	19.480	2765	2770	2773	rVV2	65232	95825	1.06%	0.094%
67	19.569	2779	2785	2788	rBV2	4230875	6210068	68.55%	6.082%
68	19.598	2788	2790	2798	rVV	2691033	3112574	34.36%	3.048%
69	19.669	2798	2802	2809	rVB2	114004	184111	2.03%	0.180%
70	19.775	2815	2820	2825	rBV	143132	209203	2.31%	0.205%
71	19.828	2826	2829	2835	rVB2	67231	98965	1.09%	0.097%

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72	19.922	2838	2845	2850	rBV4	168024	417662	4.61%	0.409%
73	20.051	2861	2867	2868	rBV4	135378	217998	2.41%	0.213%
74	20.075	2868	2871	2876	rVB	243310	352936	3.90%	0.346%
75	20.175	2885	2888	2892	rVB2	95273	113576	1.25%	0.111%
76	20.233	2892	2898	2902	rBV2	246288	403217	4.45%	0.395%
77	20.275	2903	2905	2908	rVB	57160	50176	0.55%	0.049%
78	20.316	2909	2912	2915	rBV3	43850	62758	0.69%	0.061%
79	20.369	2918	2921	2925	rVV2	127992	159231	1.76%	0.156%
80	20.416	2925	2929	2933	rVV3	134271	181983	2.01%	0.178%
81	20.810	2992	2996	3002	rVB	293671	386627	4.27%	0.379%
82	20.975	3018	3024	3027	rBV2	263069	503024	5.55%	0.493%
83	21.016	3027	3031	3033	rVV	343063	542222	5.99%	0.531%
84	21.045	3033	3036	3041	rVV3	533777	1029655	11.37%	1.008%
85	21.098	3042	3045	3057	rVB	385749	673687	7.44%	0.660%
86	21.322	3076	3083	3087	rBV2	5680021	9059314	100.00%	8.872%
87	21.357	3087	3089	3099	rVB	1548289	1860060	20.53%	1.822%
88	21.480	3107	3110	3114	rBV2	159242	215795	2.38%	0.211%
89	21.527	3115	3118	3122	rVV	111877	145854	1.61%	0.143%
90	21.639	3133	3137	3142	rBV2	172962	257818	2.85%	0.252%
91	21.892	3177	3180	3184	rVB	190880	233566	2.58%	0.229%
92	21.945	3185	3189	3195	rVB3	255829	400474	4.42%	0.392%
93	22.963	3355	3362	3367	rBV	1285632	3272085	36.12%	3.204%
94	23.139	3389	3392	3399	rVB	195086	319116	3.52%	0.313%
95	23.469	3442	3448	3451	rBV	641535	1232681	13.61%	1.207%
96	23.521	3451	3457	3462	rVV	2371174	4921709	54.33%	4.820%
97	23.569	3462	3465	3474	rVB	1134436	2093582	23.11%	2.050%
98	23.669	3475	3482	3489	rBV	3228522	6618735	73.06%	6.482%
99	26.074	3883	3891	3907	rVB2	653309	2043644	22.56%	2.001%
100	26.815	4011	4017	4028	rVB3	313317	926964	10.23%	0.908%

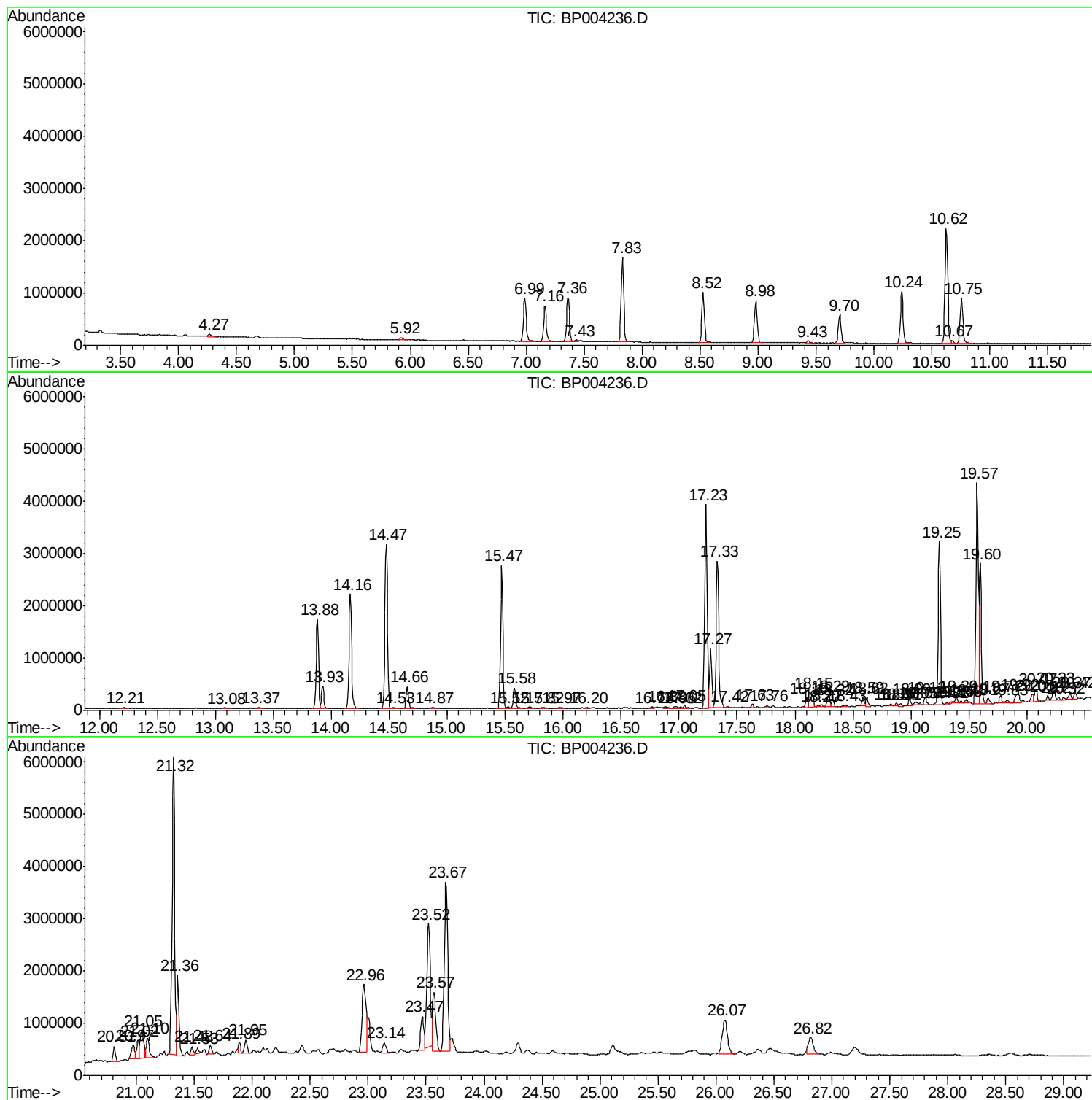
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Quant Title : SVOA CALIBRATION

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



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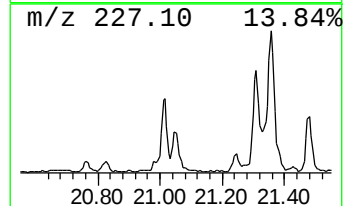
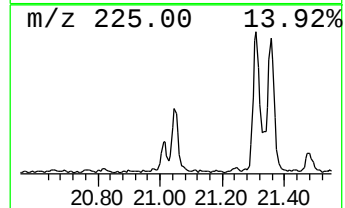
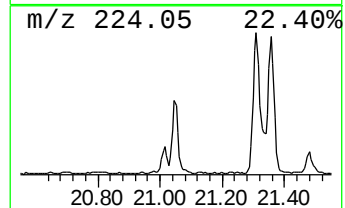
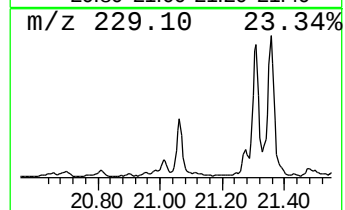
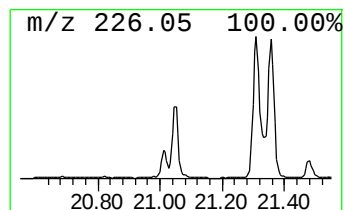
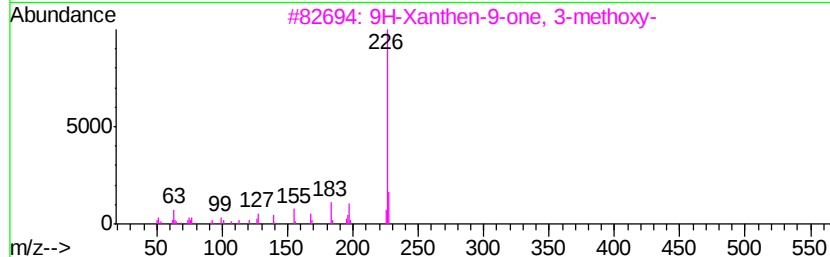
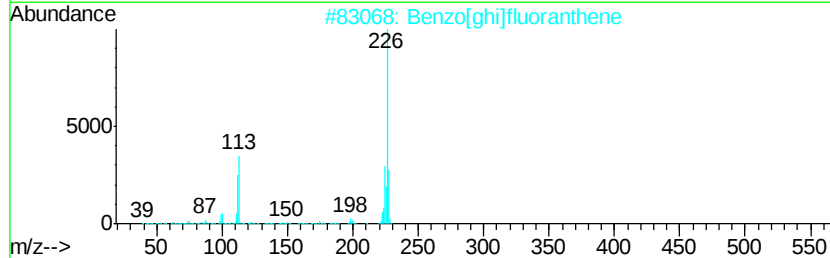
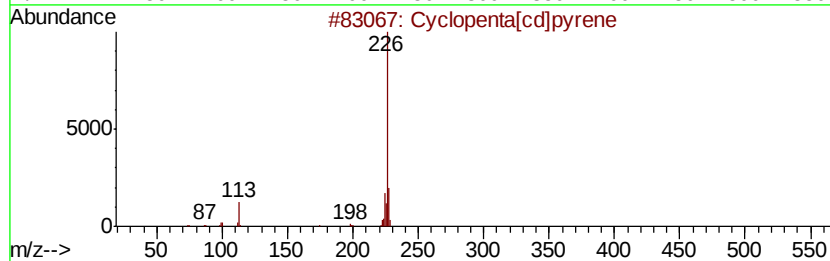
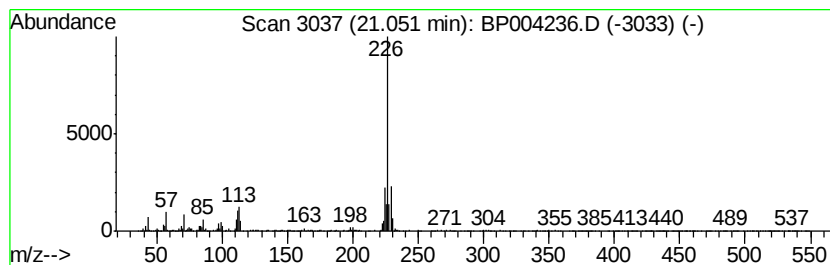
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopenta[cd]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.27 ng/ul	1029660	Chrysene-d12	21.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 64
2		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 62
3		9H-Xanthen-9-one, 3-methoxy-	226 C14H10O3	003722-52-9 43
4		4-Naphthalen-2-yl-thiazol-2-ylamine	226 C13H10N2S	1000300-53-4 40
5		1,3-Diamino-5,6-dihydro-9-methyl...	226 C13H14N4	037436-39-8 40



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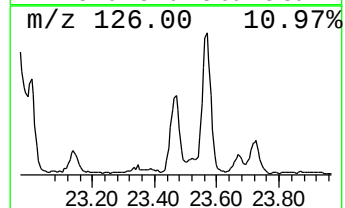
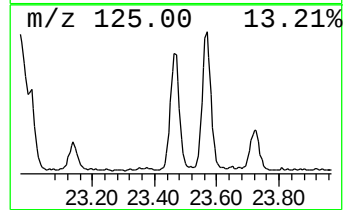
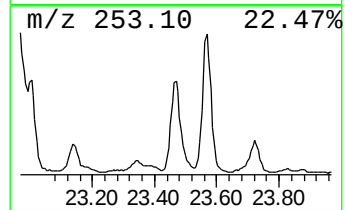
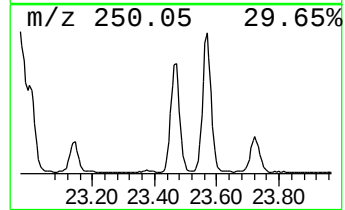
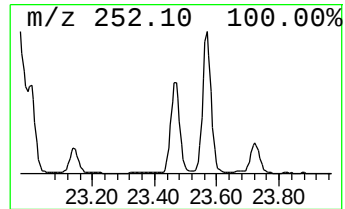
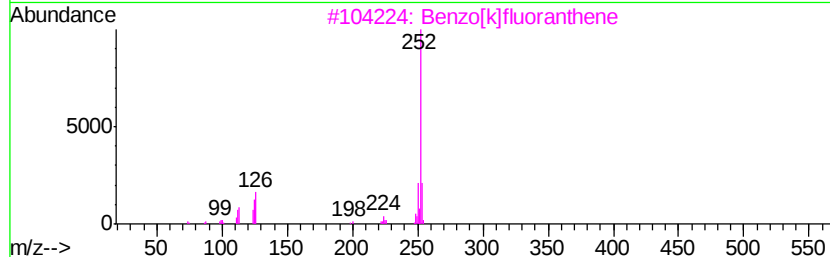
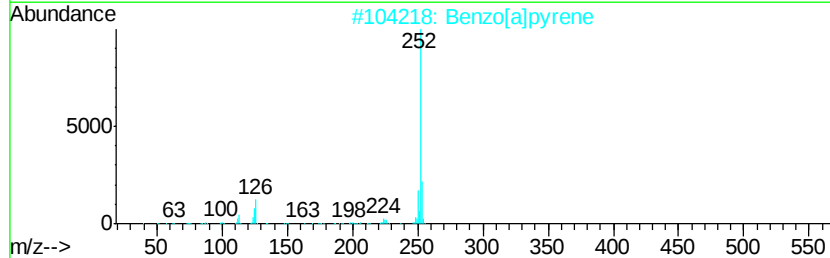
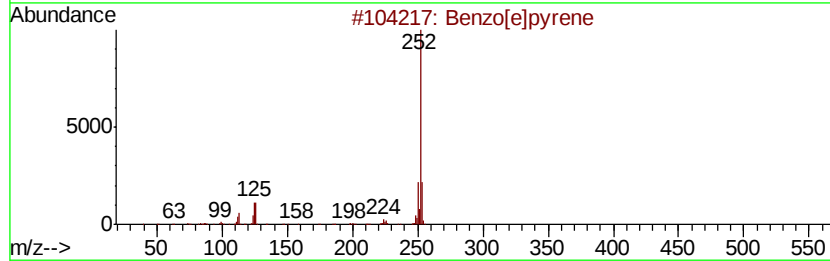
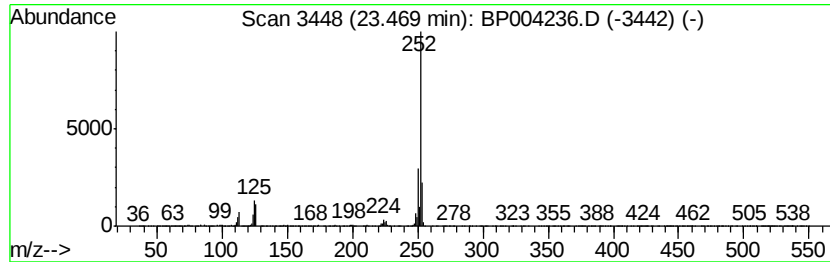
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Peak Number 2 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	3.72 ng/ul	1232680	Perylene-d12	23.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	97
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
5		Perylene	252	C20H12	000198-55-0	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopenta[cd]pyrene	21.05	2.3	ng/ul	1029660	5	21.32	9059310	20.0
Benzo[e]pyrene	23.47	3.7	ng/ul	1232680	6	23.67	6618740	20.0