

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124885.D
 Acq On : 30 Jul 2021 20:04
 Operator : JU/CG
 Sample : M3219-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072821

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.869	810	813	817	rBB	51840	40075	62.36%	5.823%
2	8.157	1028	1032	1035	rBV	63660	54913	85.45%	7.979%
3	9.228	1212	1214	1216	rBB	1921	1260	1.96%	0.183%
4	9.769	1304	1306	1308	rBB	995	835	1.30%	0.121%
5	9.910	1327	1330	1334	rBV	80038	61545	95.77%	8.943%
6	9.939	1334	1335	1338	rVB	4410	2694	4.19%	0.391%
7	10.116	1363	1365	1367	rBB	1510	1071	1.67%	0.156%
8	10.457	1421	1423	1426	rBB	5383	3888	6.05%	0.565%
9	11.292	1563	1565	1567	rBB	1461	1088	1.69%	0.158%
10	11.398	1580	1583	1585	rBV	72420	57661	89.72%	8.378%
11	11.421	1585	1587	1590	rVV	46836	33570	52.24%	4.878%
12	11.474	1593	1596	1599	rBB	11240	9031	14.05%	1.312%
13	11.898	1666	1668	1670	rBV	5974	4284	6.67%	0.622%
14	11.927	1670	1673	1676	rVB	6988	5221	8.12%	0.759%
15	11.974	1679	1681	1683	rBB	2676	1871	2.91%	0.272%
16	12.010	1684	1687	1690	rBV2	12057	12411	19.31%	1.803%
17	12.033	1690	1691	1693	rVB	4997	2345	3.65%	0.341%
18	12.192	1716	1718	1721	rBB	2884	2145	3.34%	0.312%
19	12.445	1759	1761	1764	rBB	2650	2340	3.64%	0.340%
20	12.486	1765	1768	1770	rBV	1635	1749	2.72%	0.254%
21	12.533	1774	1776	1778	rBB	1044	776	1.21%	0.113%
22	12.610	1786	1789	1793	rBB	54527	46339	72.11%	6.733%
23	12.839	1823	1828	1833	rBB	43123	45437	70.70%	6.602%
24	12.980	1850	1852	1854	rBV	1067	1040	1.62%	0.151%
25	13.063	1861	1866	1868	rBB	2005	2528	3.93%	0.367%
26	13.145	1878	1880	1881	rBV	1561	1533	2.39%	0.223%
27	13.168	1881	1884	1886	rVB	7043	5830	9.07%	0.847%
28	13.233	1893	1895	1898	rBB	6285	4282	6.66%	0.622%
29	13.274	1899	1902	1904	rBB	3946	3150	4.90%	0.458%
30	13.363	1915	1917	1919	rBB	2542	1812	2.82%	0.263%
31	13.398	1920	1923	1925	rBB	2370	2010	3.13%	0.292%
32	13.580	1952	1954	1958	rVB	1133	1128	1.76%	0.164%
33	13.668	1968	1969	1973	rVB	1087	1088	1.69%	0.158%
34	13.786	1985	1989	1992	rBV	1861	2155	3.35%	0.313%
35	13.815	1992	1994	1996	rVB	3555	2445	3.80%	0.355%
36	13.839	1996	1998	2002	rBV	2734	3205	4.99%	0.466%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.880	2002	2005	2007	rBV	2097	1622	2.52%	0.236%
38	13.974	2019	2021	2024	rVB2	806	923	1.44%	0.134%
39	14.039	2024	2032	2034	rBV2	55765	64265	100.00%	9.338%
40	14.063	2034	2036	2040	rVB	22191	18405	28.64%	2.674%

41	14.145	2048	2050	2053	rVB	3832	3225	5.02%	0.469%
42	14.227	2063	2064	2065	rBV	1716	924	1.44%	0.134%
43	14.251	2065	2068	2071	rVV2	1562	2064	3.21%	0.300%
44	14.292	2073	2075	2078	rVB	1105	1155	1.80%	0.168%
45	14.421	2093	2097	2101	rVB2	4486	4652	7.24%	0.676%

46	14.457	2101	2103	2106	rBV2	1829	1497	2.33%	0.218%
47	14.521	2109	2114	2116	rVB2	1583	2491	3.88%	0.362%
48	14.551	2116	2119	2121	rBV	2980	2921	4.55%	0.424%
49	14.574	2121	2123	2124	rVB	1356	915	1.42%	0.133%
50	14.815	2163	2164	2166	rVB	1461	830	1.29%	0.121%

51	14.851	2166	2170	2172	rBV2	1302	1537	2.39%	0.223%
52	14.868	2172	2173	2176	rVB2	1147	930	1.45%	0.135%
53	14.933	2181	2184	2185	rBV	1197	1392	2.17%	0.202%
54	15.015	2195	2198	2199	rBV2	1695	1659	2.58%	0.241%
55	15.086	2203	2210	2212	rBV2	17761	23783	37.01%	3.456%

56	15.192	2224	2228	2231	rVB3	2453	2955	4.60%	0.429%
57	15.227	2231	2234	2237	rVB3	1441	1558	2.42%	0.226%
58	15.257	2237	2239	2241	rBV	1195	898	1.40%	0.130%
59	15.304	2244	2247	2250	rBV3	1382	1562	2.43%	0.227%
60	15.392	2258	2262	2267	rVB	10217	12082	18.80%	1.756%

61	15.457	2267	2273	2278	rBV	14184	18362	28.57%	2.668%
62	15.521	2278	2284	2287	rVV2	27235	35385	55.06%	5.142%
63	15.545	2287	2288	2292	rVB	2893	2598	4.04%	0.378%
64	15.668	2306	2309	2311	rVB2	1172	1247	1.94%	0.181%
65	15.698	2311	2314	2315	rBV	1605	1187	1.85%	0.172%

66	15.715	2315	2317	2319	rVV	1223	1106	1.72%	0.161%
67	15.745	2319	2322	2324	rVV	1247	1372	2.13%	0.199%
68	15.798	2329	2331	2332	rVV	1314	868	1.35%	0.126%
69	15.833	2335	2337	2339	rVB2	1153	941	1.46%	0.137%
70	15.868	2339	2343	2344	rBV2	1186	1195	1.86%	0.174%

71	15.880	2344	2345	2349	rVB2	1301	952	1.48%	0.138%
72	15.927	2349	2353	2354	rBV3	798	980	1.52%	0.142%
73	15.968	2357	2360	2364	rVB2	1376	1929	3.00%	0.280%
74	16.021	2364	2369	2370	rBV	681	981	1.53%	0.143%
75	16.180	2394	2396	2399	rBV2	867	1108	1.72%	0.161%

76	16.274	2410	2412	2413	rBV	1378	1126	1.75%	0.164%
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77	16.362	2424	2427	2430	rBV2	966	1329	2.07%	0.193%
78	16.409	2433	2435	2436	rBV	1155	811	1.26%	0.118%
79	16.480	2444	2447	2450	rBV	1449	1771	2.76%	0.257%
80	16.521	2452	2454	2457	rBV2	1311	1496	2.33%	0.217%
81	16.674	2479	2480	2483	rVB	1359	858	1.34%	0.125%
82	16.792	2497	2500	2505	rVB3	1465	2583	4.02%	0.375%
83	16.839	2505	2508	2509	rBV3	1571	1144	1.78%	0.166%
84	16.927	2520	2523	2524	rBV	942	1052	1.64%	0.153%
85	16.998	2530	2535	2540	rVV3	4064	6373	9.92%	0.926%
86	17.080	2544	2549	2552	rVB	999	1693	2.63%	0.246%
87	17.233	2572	2575	2577	rBV	953	1095	1.70%	0.159%
88	17.256	2577	2579	2580	rVB	1139	797	1.24%	0.116%
89	17.280	2580	2583	2585	rBV	1411	1463	2.28%	0.213%
90	17.309	2585	2588	2591	rBV	757	786	1.22%	0.114%
91	17.351	2594	2595	2598	rBV	1382	1336	2.08%	0.194%
92	17.380	2598	2600	2604	rVB2	1056	1260	1.96%	0.183%
93	17.445	2607	2611	2616	rBV3	3436	4900	7.62%	0.712%
94	17.639	2642	2644	2647	rVB	774	824	1.28%	0.120%
95	17.674	2647	2650	2651	rBV	796	867	1.35%	0.126%
96	17.762	2662	2665	2667	rBV	1133	1335	2.08%	0.194%
97	17.798	2670	2671	2674	rVB	1405	1133	1.76%	0.165%
98	17.909	2686	2690	2692	rBV	759	1247	1.94%	0.181%
99	18.180	2734	2736	2739	rBV	760	864	1.34%	0.126%
100	18.645	2813	2815	2817	rVB	1021	855	1.33%	0.124%

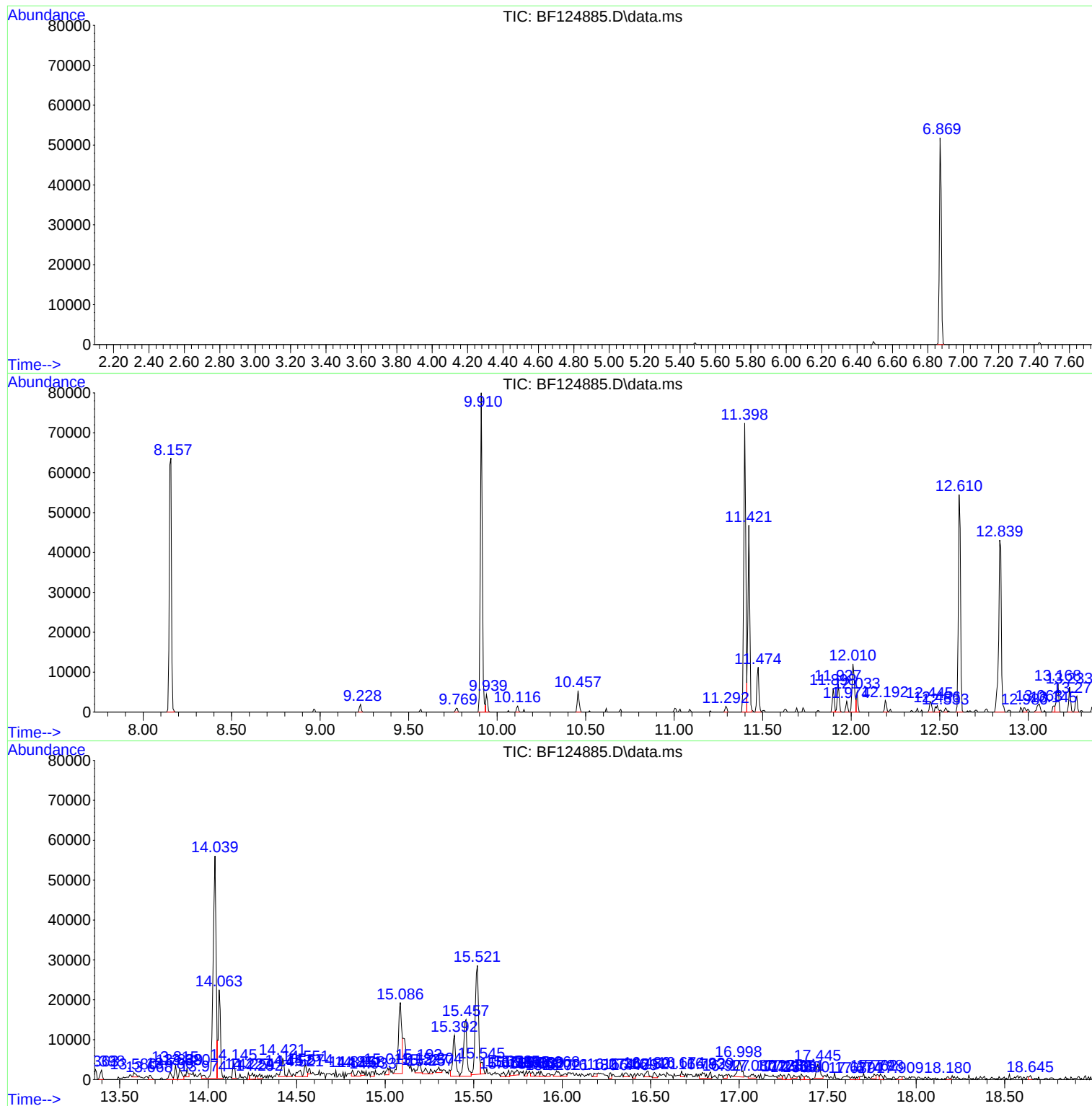
Sum of corrected areas: 688209

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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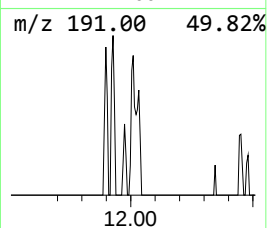
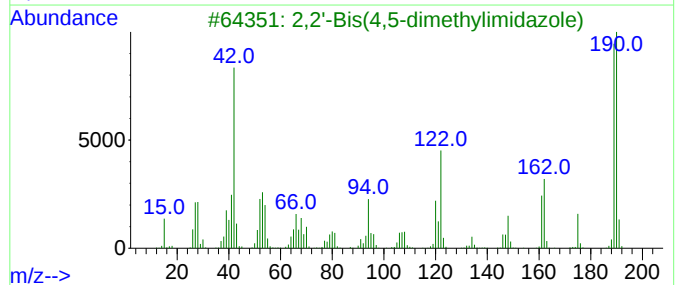
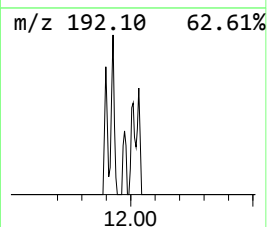
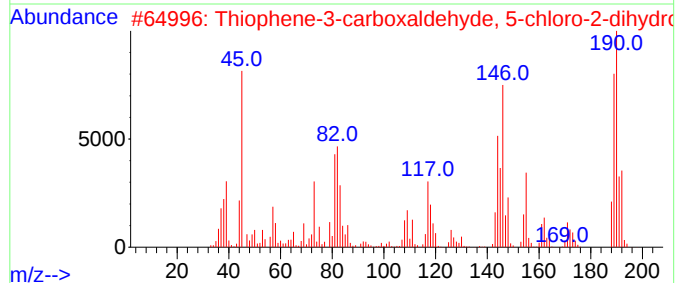
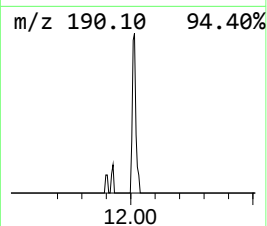
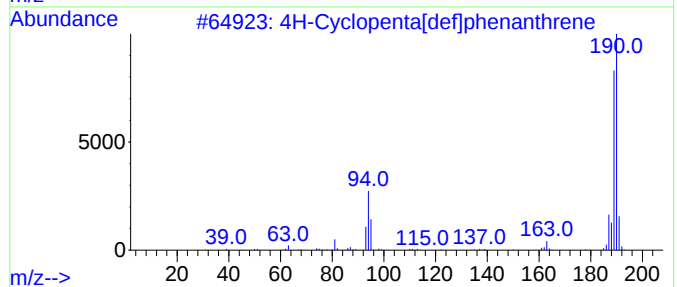
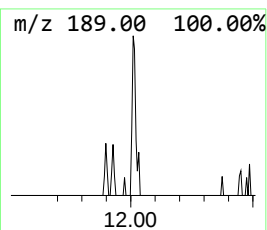
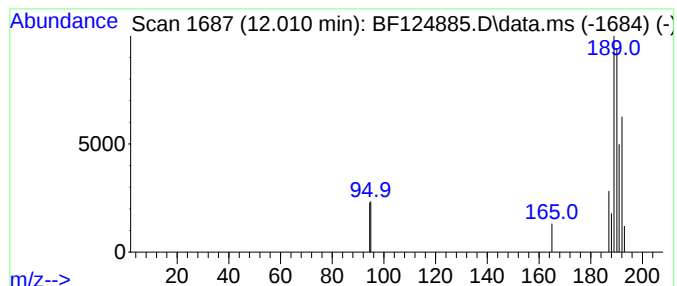
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	4.30 ng	12411	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	45
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38
5			5-Amino-3-bromo-2-fluoropyridine	190	C5H4BrFN2	209328-99-4	25



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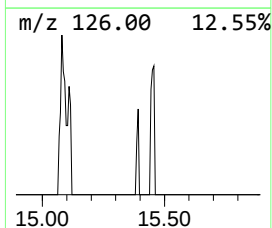
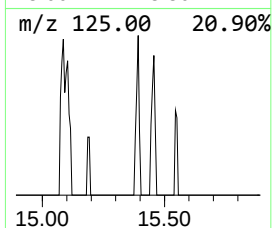
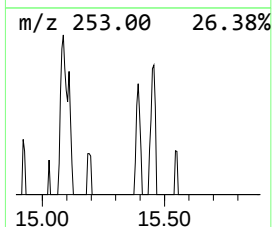
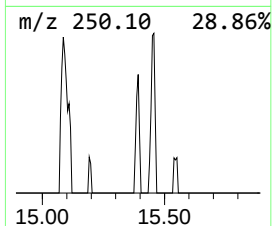
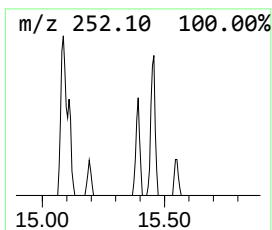
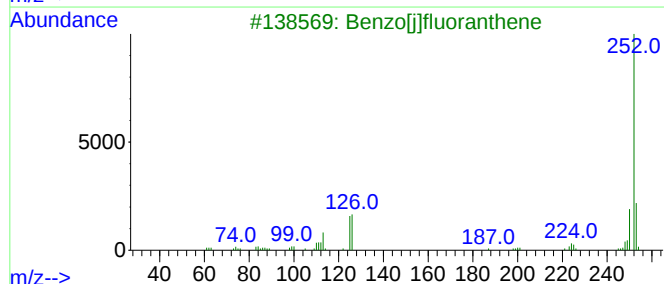
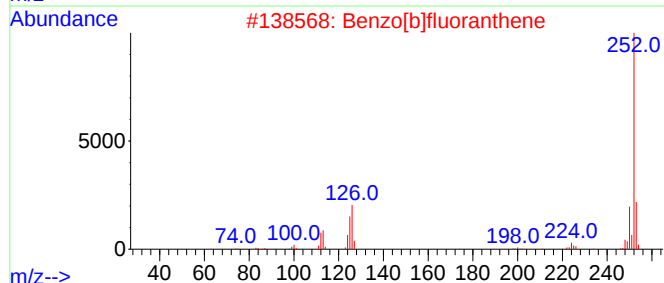
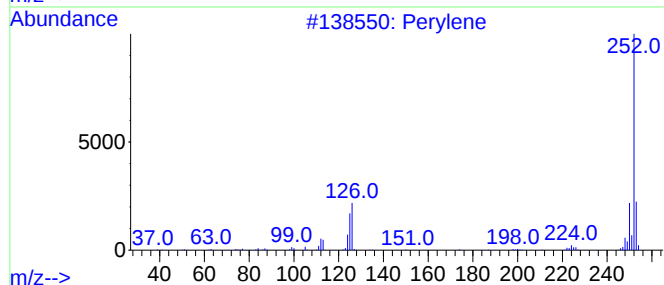
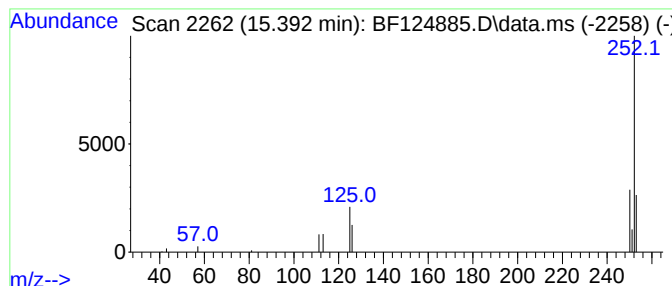
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	6.83 ng	12082	Perylene-d12	15.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	64
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	64
4			Benzo[e]pyrene	252	C20H12	000192-97-2	64
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[d... Perylene	12.010 15.392	4.3 6.8	ng ng	12411 12082	4 6	11.398 15.521	57661 35385	20.0 20.0