

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098664.D
 Acq On : 20 Sep 2017 17:08
 Operator : SJ/JU
 Sample : I5285-04 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSTP-4

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-BF091117.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	4.781	456	458	465	rBV	26202	35084	3.75%	0.337%
2	5.228	531	534	554	rBV	151288	227890	24.39%	2.188%
3	6.275	709	712	729	rBV	188296	251699	26.93%	2.417%
4	6.392	729	732	738	rVV	282426	266329	28.50%	2.558%
5	6.616	767	770	780	rBV	659893	565210	60.48%	5.428%
6	6.775	793	797	808	rBV	207530	201174	21.53%	1.932%
7	7.187	864	867	880	rBV	131468	161060	17.23%	1.547%
8	7.904	985	989	1002	rBV	854956	778932	83.35%	7.480%
9	8.975	1168	1171	1183	rBV	353677	296827	31.76%	2.850%
10	9.380	1237	1240	1246	rBB	20824	15038	1.61%	0.144%
11	9.651	1282	1286	1290	rBV2	1114706	934548	100.00%	8.974%
12	9.686	1290	1292	1296	rVB	74411	59504	6.37%	0.571%
13	9.863	1318	1322	1326	rBV	26487	23028	2.46%	0.221%
14	10.198	1376	1379	1385	rVB	37998	37628	4.03%	0.361%
15	10.357	1404	1406	1410	rVB	13866	12648	1.35%	0.121%
16	10.445	1417	1421	1427	rBV	143333	141244	15.11%	1.356%
17	10.951	1504	1507	1511	rBV	14221	12315	1.32%	0.118%
18	11.033	1519	1521	1526	rVB	21769	18206	1.95%	0.175%
19	11.133	1534	1538	1540	rBV	916282	780531	83.52%	7.495%
20	11.157	1540	1542	1546	rVV	515634	423721	45.34%	4.069%
21	11.210	1546	1551	1555	rVB	71365	74937	8.02%	0.720%
22	11.380	1575	1580	1586	rBV2	17323	23095	2.47%	0.222%
23	11.639	1620	1624	1626	rBV	35051	30578	3.27%	0.294%
24	11.669	1626	1629	1634	rVB	45155	41758	4.47%	0.401%
25	11.716	1634	1637	1639	rBV	15306	13406	1.43%	0.129%
26	11.745	1639	1642	1645	rVV	54471	59966	6.42%	0.576%
27	11.769	1645	1646	1652	rVB2	21638	17738	1.90%	0.170%
28	11.933	1671	1674	1679	rVB	26385	23374	2.50%	0.224%
29	12.186	1713	1717	1719	rBV	19654	16576	1.77%	0.159%
30	12.280	1729	1733	1737	rVB2	15535	15901	1.70%	0.153%
31	12.345	1740	1744	1748	rBV	528954	449794	48.13%	4.319%
32	12.498	1765	1770	1774	rBV2	18395	17792	1.90%	0.171%
33	12.574	1777	1783	1786	rVV	483704	466403	49.91%	4.479%
34	12.627	1789	1792	1797	rVB2	15085	16133	1.73%	0.155%

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Integrator: RTE

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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

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35	12.716	1799	1807	1810	rBV	239752	213841	22.88%	2.053%
36	12.739	1810	1811	1816	rVB	18640	16180	1.73%	0.155%
37	12.792	1816	1820	1825	rBV3	19880	33090	3.54%	0.318%
38	12.880	1832	1835	1836	rBV2	18356	19521	2.09%	0.187%
39	12.904	1836	1839	1843	rVB	37544	40793	4.36%	0.392%
40	12.969	1848	1850	1853	rVB	20743	17167	1.84%	0.165%
41	13.004	1853	1856	1863	rBV3	33757	50523	5.41%	0.485%
42	13.098	1869	1872	1875	rVB	19349	17337	1.86%	0.166%
43	13.133	1875	1878	1881	rBV2	15159	17436	1.87%	0.167%
44	13.298	1899	1906	1909	rBV6	6007	13884	1.49%	0.133%
45	13.421	1924	1927	1930	rBV	18410	16748	1.79%	0.161%
46	13.521	1940	1944	1947	rBV2	30539	36305	3.88%	0.349%
47	13.545	1947	1948	1951	rVB2	21409	16011	1.71%	0.154%
48	13.574	1951	1953	1955	rBV	24348	21425	2.29%	0.206%
49	13.627	1960	1962	1968	rVB	30270	29747	3.18%	0.286%
50	13.692	1968	1973	1979	rBV2	8824	13917	1.49%	0.134%
51	13.768	1979	1986	1989	rBV2	639897	824738	88.25%	7.920%
52	13.798	1989	1991	1999	rVV	205966	181111	19.38%	1.739%
53	13.874	2001	2004	2010	rVB	37877	36727	3.93%	0.353%
54	13.933	2010	2014	2019	rBV5	10808	21226	2.27%	0.204%
55	13.986	2019	2023	2025	rVV2	11671	18917	2.02%	0.182%
56	14.010	2025	2027	2030	rVB	17090	14361	1.54%	0.138%
57	14.163	2048	2053	2056	rBV	34318	31485	3.37%	0.302%
58	14.198	2056	2059	2061	rVB	14836	14268	1.53%	0.137%
59	14.239	2061	2066	2068	rBV2	15608	19963	2.14%	0.192%
60	14.286	2071	2074	2076	rBV4	14527	18219	1.95%	0.175%
61	14.304	2076	2077	2080	rVB3	18605	11090	1.19%	0.106%
62	14.486	2103	2108	2113	rBV6	20342	30388	3.25%	0.292%
63	14.639	2131	2134	2137	rVB2	30407	28743	3.08%	0.276%
64	14.733	2140	2150	2153	rBV7	17719	32338	3.46%	0.311%
65	14.780	2153	2158	2166	rBV	253708	453349	48.51%	4.353%
66	14.845	2166	2169	2172	rVV3	17225	24967	2.67%	0.240%
67	14.880	2172	2175	2178	rVB2	54605	53467	5.72%	0.513%
68	14.957	2185	2188	2193	rBV7	13476	21338	2.28%	0.205%
69	15.057	2200	2205	2211	rVV	129613	168154	17.99%	1.615%
70	15.110	2211	2214	2220	rVV	218775	253176	27.09%	2.431%
71	15.168	2220	2224	2227	rVV	563453	652660	69.84%	6.267%

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72	15.192	2227	2228	2235	rVB	77881	77923	8.34%	0.748%
73	15.368	2255	2258	2264	rVB7	8492	12393	1.33%	0.119%
74	15.562	2287	2291	2296	rVB7	11215	16612	1.78%	0.160%
75	15.674	2307	2310	2317	rVB6	9179	16776	1.80%	0.161%
76	16.004	2362	2366	2373	rVB5	9207	17022	1.82%	0.163%
77	16.498	2444	2450	2459	rVB	58930	116530	12.47%	1.119%
78	16.645	2470	2475	2481	rBV7	12433	26785	2.87%	0.257%
79	16.698	2482	2484	2491	rVB6	9223	17954	1.92%	0.172%
80	16.898	2512	2518	2526	rVB2	40842	82003	8.77%	0.787%
81	17.127	2552	2557	2564	rVB6	15490	34952	3.74%	0.336%

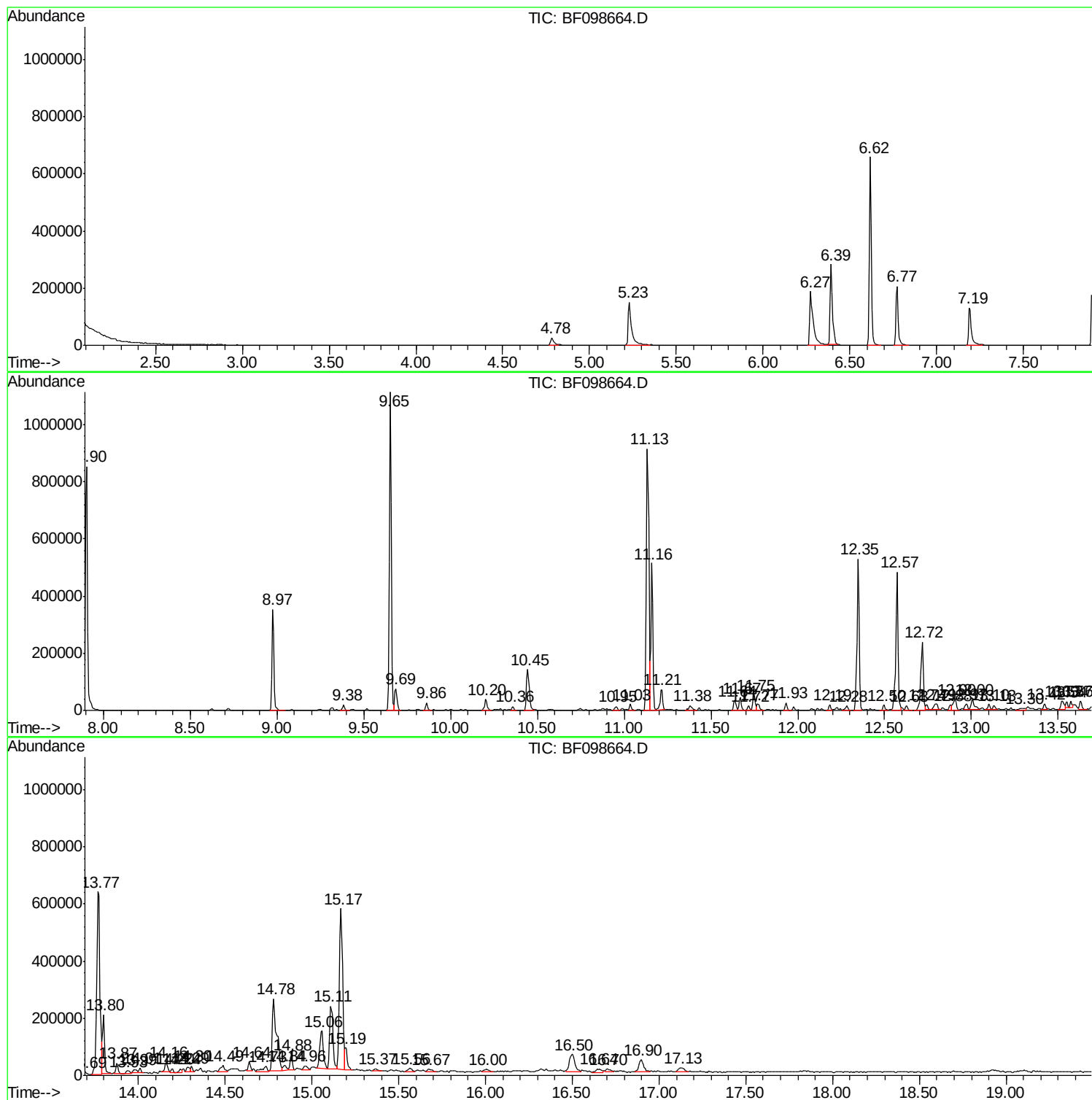
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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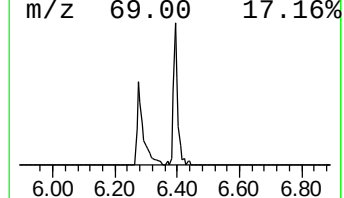
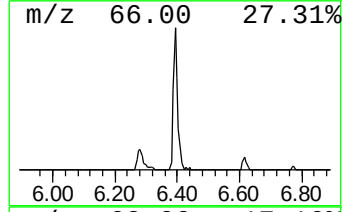
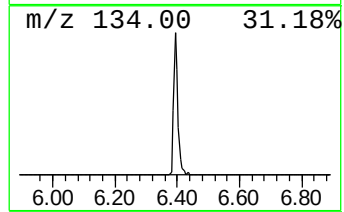
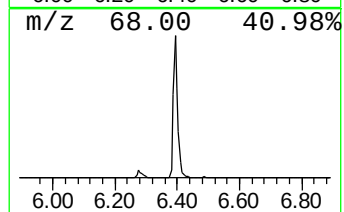
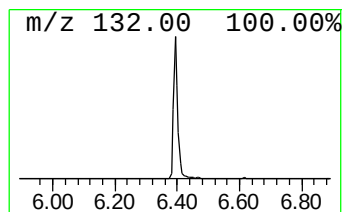
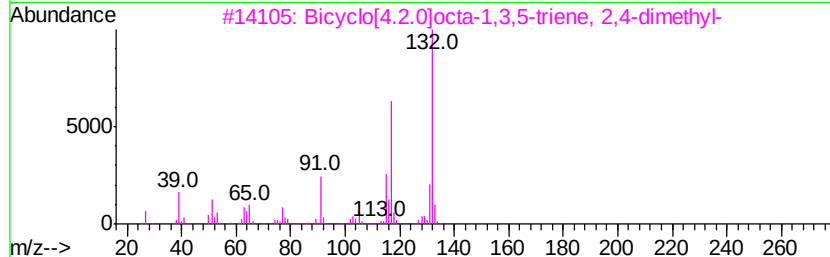
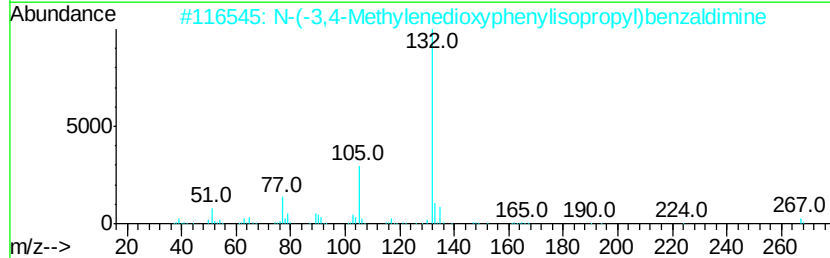
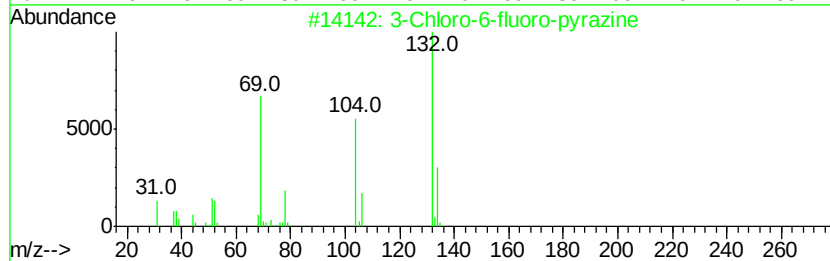
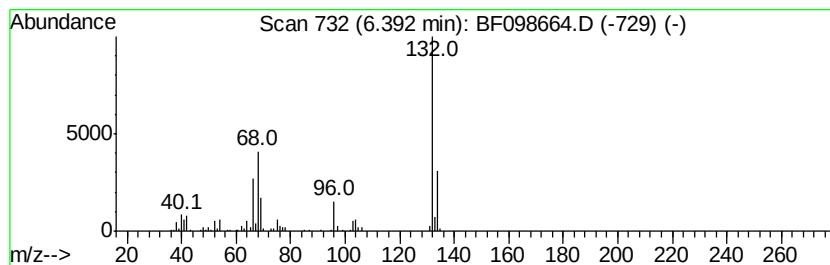
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	9.42 ng	266329	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		N-(-3,4-Methylenedioxyphenylisopropyl)benzaldimine	267	C17H17NO2	1000378-96-6	10
3		Bicyclo[4.2.0]octa-1,3,5-triene, 2,4-dimethyl-	132	C10H12	028749-81-7	9
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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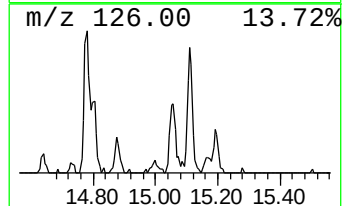
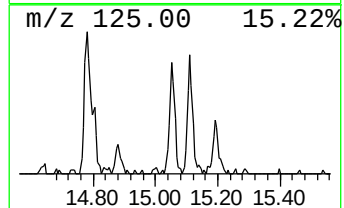
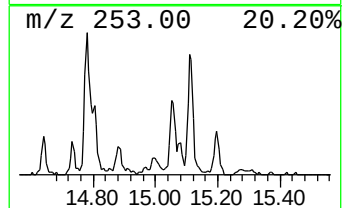
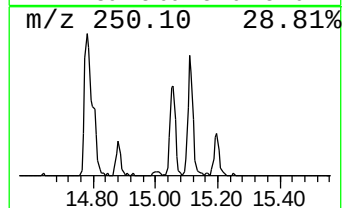
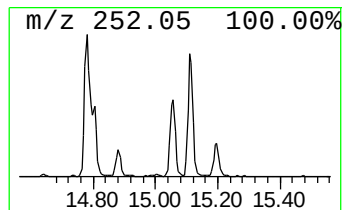
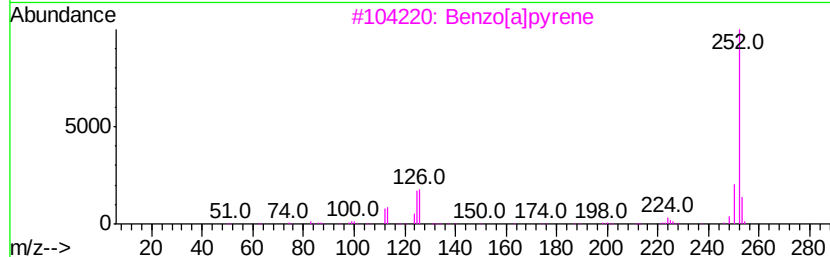
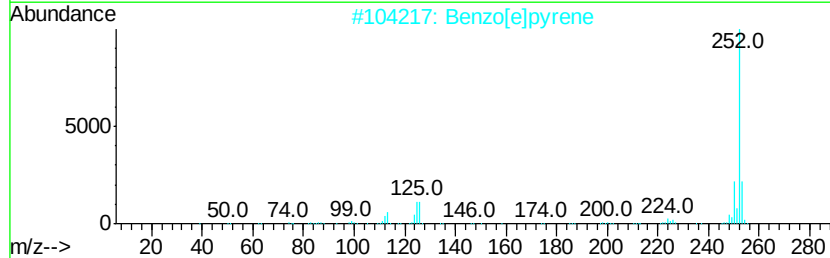
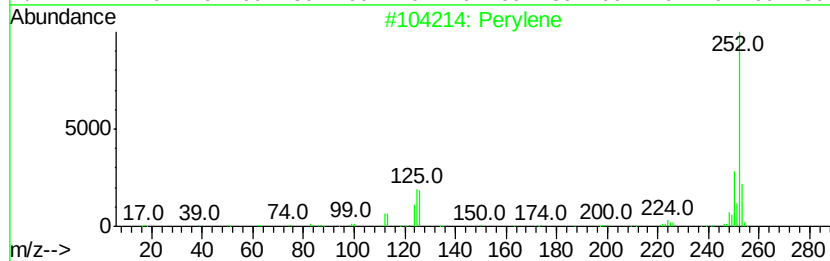
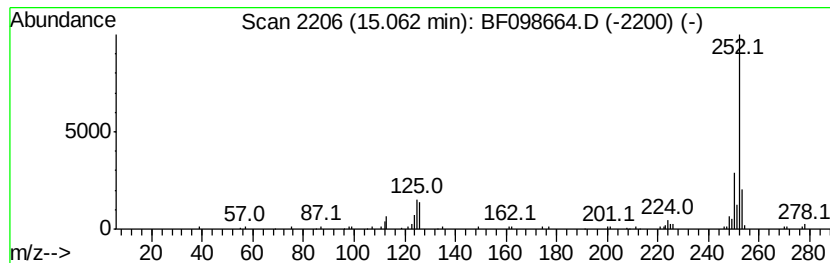
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	5.15 ng	168154	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	93
2		Benzo[e]pyrene	252	C20H12	000192-97-2	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	92
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.39	6.39	9.4	ng	266329	1	6.62	565210	20.0
Perylene	15.06	5.2	ng	168154	6	15.17	652660	20.0