

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100640.D
 Acq On : 16 Nov 2017 19:35
 Operator : SJ/JU
 Sample : I6404-01 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1

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-BF110817.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	5.093	508	511	516	rBV	18212	16445	1.54%	0.139%
2	5.487	575	578	585	rBB	122520	103140	9.67%	0.871%
3	6.492	746	749	754	rBV	139988	114302	10.72%	0.965%
4	6.645	771	775	778	rBV	142807	114590	10.75%	0.967%
5	6.881	811	815	819	rBV	747284	601124	56.37%	5.075%
6	7.034	838	841	845	rBB	115633	92034	8.63%	0.777%
7	7.439	906	910	916	rVB	73186	65882	6.18%	0.556%
8	8.163	1029	1033	1036	rBV	980912	815041	76.43%	6.881%
9	9.233	1212	1215	1218	rBV	203333	147553	13.84%	1.246%
10	9.916	1326	1331	1335	rBV	944396	892580	83.71%	7.536%
11	9.951	1335	1337	1340	rVB	86192	66135	6.20%	0.558%
12	10.122	1362	1366	1370	rVB	24319	17894	1.68%	0.151%
13	10.463	1421	1424	1430	rBB	47173	39121	3.67%	0.330%
14	10.704	1462	1465	1469	rBB	54397	51780	4.86%	0.437%
15	11.204	1547	1550	1554	rVB	25717	21654	2.03%	0.183%
16	11.298	1564	1566	1570	rVB	23162	17969	1.69%	0.152%
17	11.404	1580	1584	1586	rBV	1061260	889086	83.38%	7.506%
18	11.427	1586	1588	1591	rVV	654384	476693	44.70%	4.024%
19	11.474	1591	1596	1600	rVB	111335	107326	10.07%	0.906%
20	11.627	1617	1622	1626	rBV2	71631	68218	6.40%	0.576%
21	11.904	1664	1669	1671	rBV	57484	48093	4.51%	0.406%
22	11.933	1671	1674	1677	rVV	73559	65289	6.12%	0.551%
23	11.980	1677	1682	1684	rVB	25618	23219	2.18%	0.196%
24	12.016	1684	1688	1690	rBV	103944	96914	9.09%	0.818%
25	12.039	1690	1692	1694	rVB	34405	26862	2.52%	0.227%
26	12.198	1715	1719	1721	rBV	46420	36951	3.47%	0.312%
27	12.221	1721	1723	1726	rVB	49568	39230	3.68%	0.331%
28	12.345	1739	1744	1747	rBV2	14191	14138	1.33%	0.119%
29	12.451	1759	1762	1765	rBV2	23815	25443	2.39%	0.215%
30	12.492	1765	1769	1771	rVV2	15401	18790	1.76%	0.159%
31	12.539	1774	1777	1782	rVB	33053	33013	3.10%	0.279%
32	12.616	1786	1790	1793	rBV	874565	730919	68.55%	6.171%
33	12.674	1798	1800	1803	rVB	15559	12166	1.14%	0.103%
34	12.769	1808	1816	1819	rBV3	25134	38067	3.57%	0.321%

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35	12.845	1823	1829	1834	rVV	706086	722801	67.78%	6.102%
36	12.892	1834	1837	1841	rVB3	28591	29782	2.79%	0.251%
37	12.963	1845	1849	1850	rBV	43812	37739	3.54%	0.319%
38	12.980	1850	1852	1854	rVV	172056	136108	12.76%	1.149%
39	12.998	1854	1855	1859	rVB	42871	30298	2.84%	0.256%
40	13.063	1860	1866	1869	rBV3	38684	64759	6.07%	0.547%
41	13.092	1869	1871	1873	rVB	16451	12282	1.15%	0.104%
42	13.145	1873	1880	1881	rBV4	37099	42455	3.98%	0.358%
43	13.168	1881	1884	1887	rVB	74362	75745	7.10%	0.639%
44	13.239	1893	1896	1898	rBV	44840	41174	3.86%	0.348%
45	13.274	1898	1902	1904	rVV2	62440	71014	6.66%	0.600%
46	13.298	1904	1906	1909	rVV	38679	31842	2.99%	0.269%
47	13.327	1909	1911	1915	rVB2	15219	13243	1.24%	0.112%
48	13.368	1915	1918	1920	rBV	27132	24795	2.33%	0.209%
49	13.398	1920	1923	1926	rBV2	29135	28312	2.66%	0.239%
50	13.545	1945	1948	1950	rBV4	13112	15083	1.41%	0.127%
51	13.674	1967	1970	1975	rVB	63127	58474	5.48%	0.494%
52	13.786	1985	1989	1992	rBV3	52001	72348	6.78%	0.611%
53	13.816	1992	1994	1996	rVV	59409	50813	4.77%	0.429%
54	13.851	1996	2000	2002	rVV2	44868	72866	6.83%	0.615%
55	13.880	2002	2005	2011	rVB2	74573	83631	7.84%	0.706%
56	13.957	2015	2018	2024	rBV2	12522	16176	1.52%	0.137%
57	14.039	2027	2032	2035	rVV2	819543	1066326	100.00%	9.002%
58	14.063	2035	2036	2045	rVV	315315	270204	25.34%	2.281%
59	14.145	2047	2050	2053	rVV	65096	53544	5.02%	0.452%
60	14.186	2054	2057	2060	rVV3	16311	27145	2.55%	0.229%
61	14.227	2061	2064	2066	rVV2	30854	34434	3.23%	0.291%
62	14.263	2066	2070	2073	rVV2	41502	55946	5.25%	0.472%
63	14.292	2073	2075	2078	rVB4	16679	15432	1.45%	0.130%
64	14.363	2084	2087	2089	rBV2	12158	14007	1.31%	0.118%
65	14.421	2093	2097	2101	rVV	56160	66719	6.26%	0.563%
66	14.457	2101	2103	2107	rVB2	36745	34390	3.23%	0.290%
67	14.515	2107	2113	2116	rBV5	25071	47068	4.41%	0.397%
68	14.551	2116	2119	2120	rVV	42108	37350	3.50%	0.315%
69	14.568	2120	2122	2126	rVV4	35242	38288	3.59%	0.323%
70	14.621	2126	2131	2134	rVB4	20363	29676	2.78%	0.251%
71	14.727	2147	2149	2152	rBV2	22981	27249	2.56%	0.230%

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Stop Thrs : 0 Peak Location: TOP

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72	14.815	2160	2164	2167	rBV6	19485	28237	2.65%	0.238%
73	14.915	2176	2181	2184	rBV4	22277	42555	3.99%	0.359%
74	14.986	2190	2193	2197	rBV5	14966	15688	1.47%	0.132%
75	15.080	2204	2209	2213	rBV	284389	481039	45.11%	4.061%
76	15.192	2225	2228	2234	rVB	54113	61881	5.80%	0.522%
77	15.280	2239	2243	2244	rBV2	19597	23514	2.21%	0.199%
78	15.386	2257	2261	2268	rVB	163678	218376	20.48%	1.844%
79	15.451	2268	2272	2278	rBV	234213	280708	26.32%	2.370%
80	15.515	2278	2283	2287	rBV	486312	637848	59.82%	5.385%
81	15.545	2287	2288	2295	rVB2	77021	77183	7.24%	0.652%
82	15.874	2342	2344	2350	rVB5	14830	19882	1.86%	0.168%
83	16.080	2376	2379	2384	rBV4	16129	22583	2.12%	0.191%
84	16.545	2455	2458	2459	rBV3	12427	14033	1.32%	0.118%
85	16.992	2528	2534	2542	rVB2	98129	201340	18.88%	1.700%
86	17.174	2560	2565	2569	rVB2	19542	35385	3.32%	0.299%
87	17.233	2572	2575	2580	rVB3	13633	21962	2.06%	0.185%
88	17.445	2604	2611	2621	rVB	68001	158362	14.85%	1.337%
89	17.680	2646	2651	2656	rBV	15763	27034	2.54%	0.228%

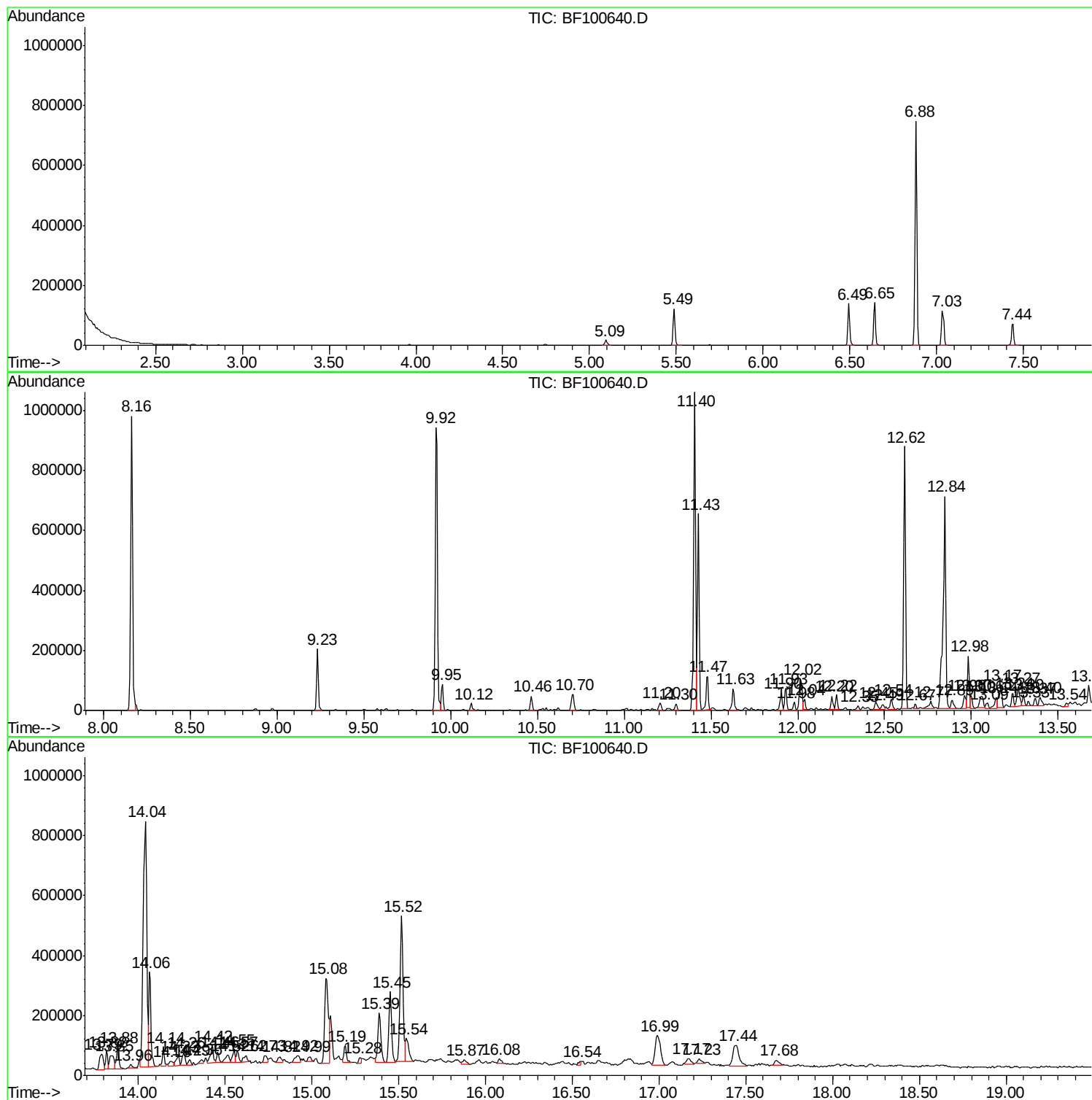
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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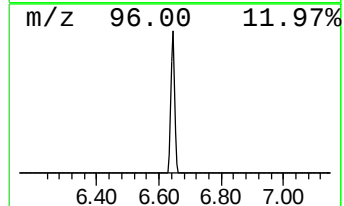
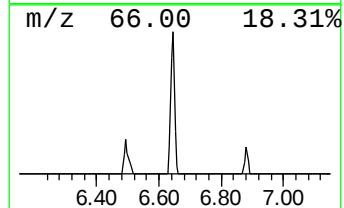
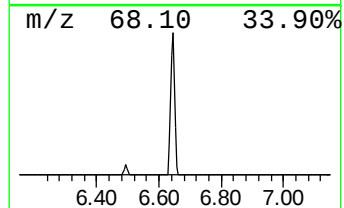
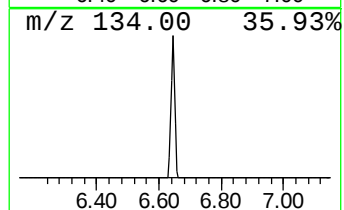
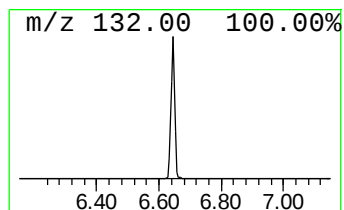
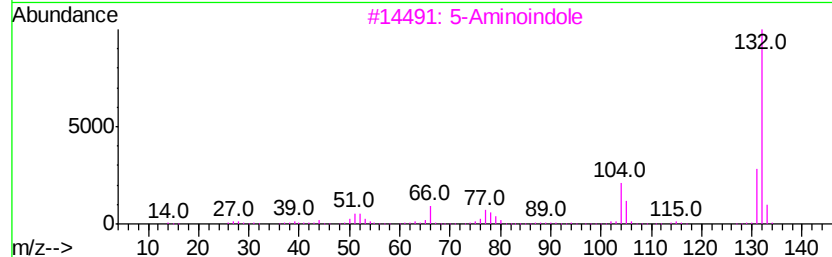
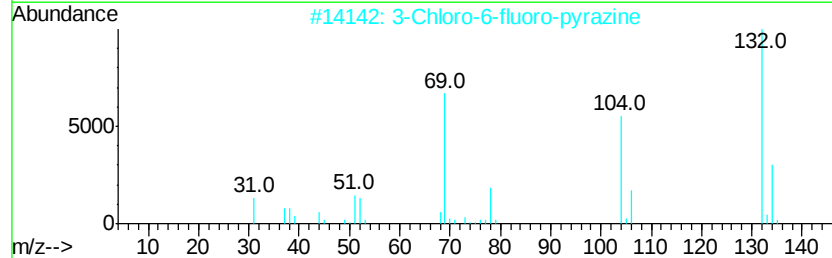
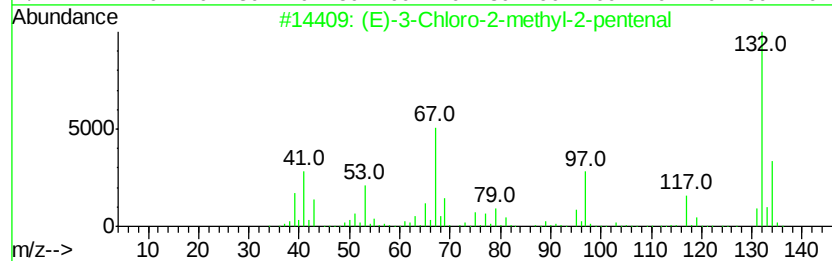
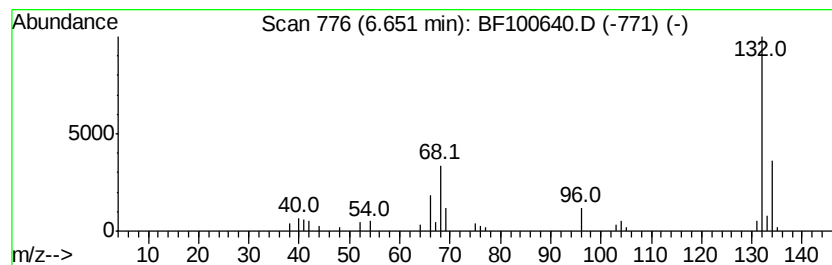
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	3.81 ng	114590	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	25
3	5-Aminoindole			132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9



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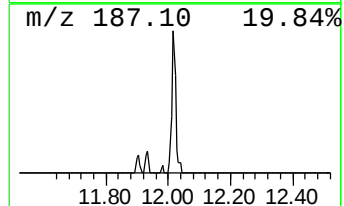
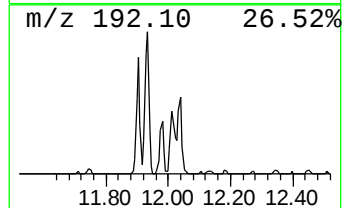
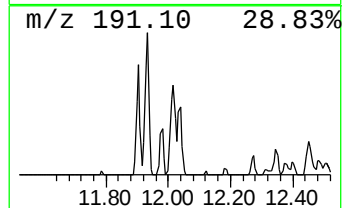
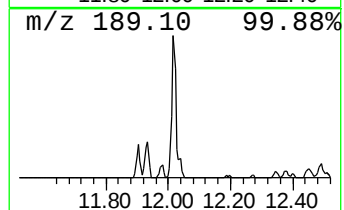
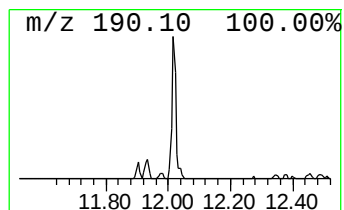
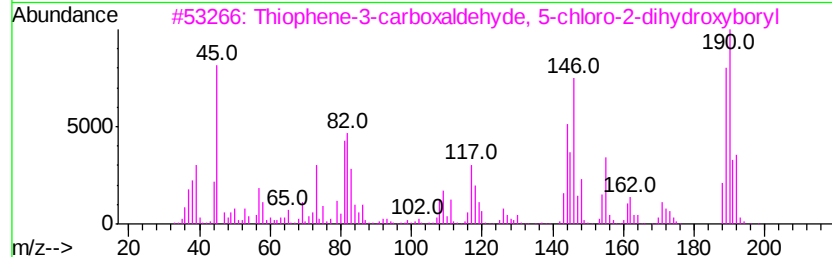
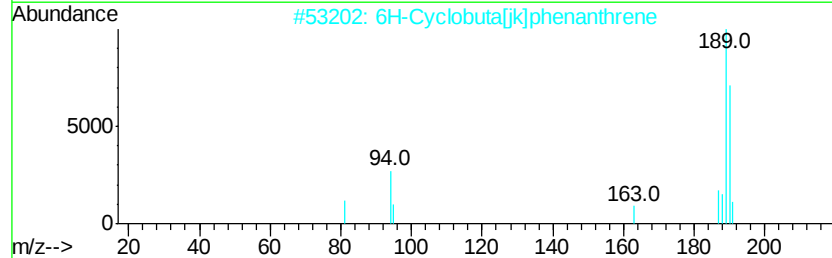
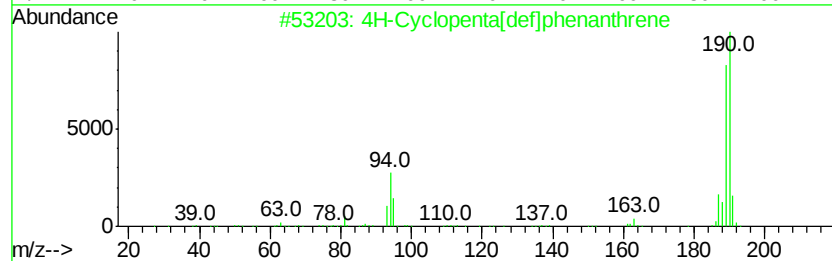
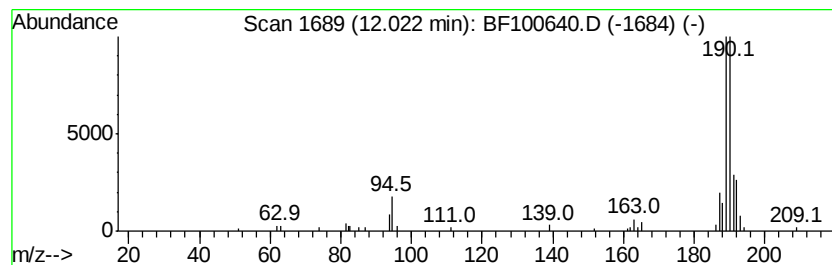
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.18 ng	96914	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		Thiophene-3-carboxaldehyd, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4		Methyl diselenide	190	C2H6Se2	007101-31-7	49
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



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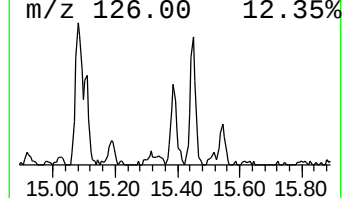
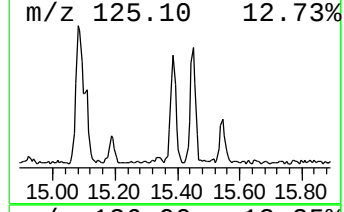
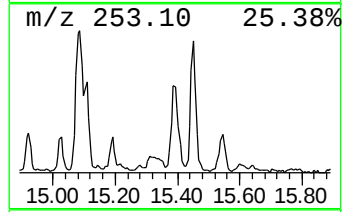
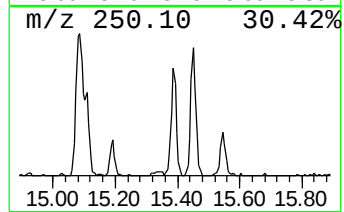
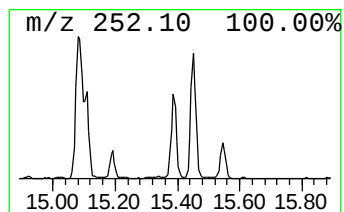
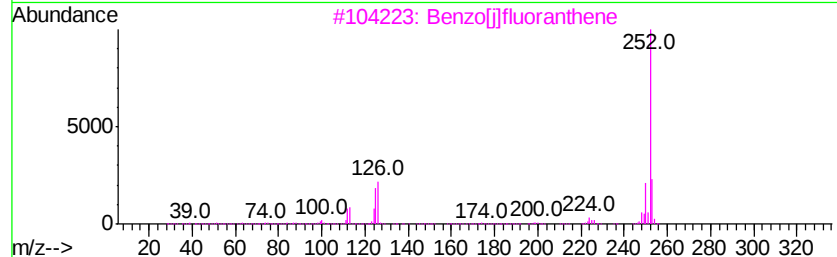
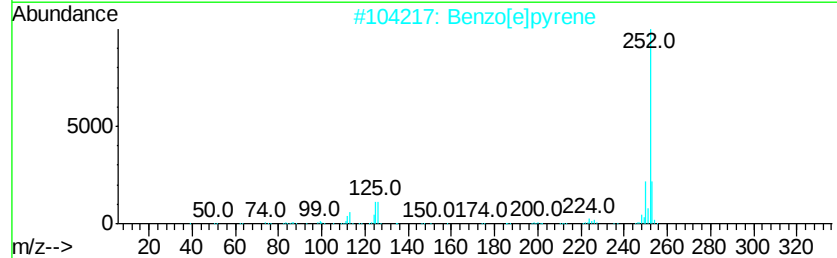
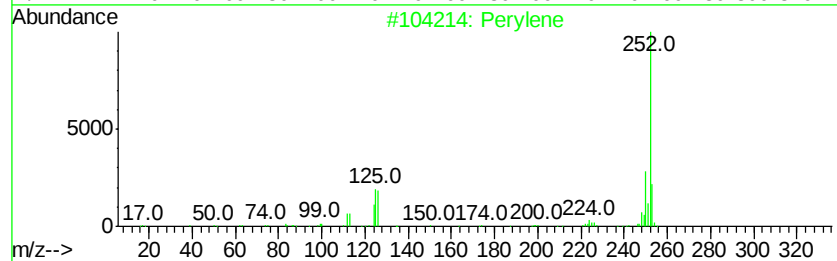
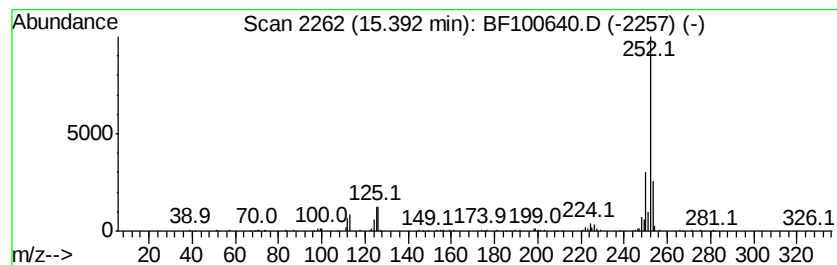
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.39	6.85 ng	218376	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.65	6.65	3.8	ng	114590	1	6.88	601124	20.0
4H-Cyclopenta[def...	12.02	2.2	ng	96914	4	11.40	889086	20.0
Perylene	15.39	6.8	ng	218376	6	15.52	637848	20.0