

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098182.D
 Acq On : 31 Aug 2017 3:34
 Operator : SJ/JU
 Sample : I5023-10 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-082917-D

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-BF081517.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	4.904	475	479	486	rBV	36438	40676	4.14%	0.323%
2	5.322	547	550	565	rBV	602816	581716	59.23%	4.618%
3	6.357	722	726	741	rBV	665026	629276	64.07%	4.996%
4	6.492	745	749	752	rBV	700912	601582	61.25%	4.776%
5	6.728	785	789	792	rBV	926481	790069	80.45%	6.272%
6	6.880	811	815	823	rBV	556905	469732	47.83%	3.729%
7	7.286	880	884	894	rBV	381343	338251	34.44%	2.685%
8	8.010	1002	1007	1014	rBV	1157421	982108	100.00%	7.797%
9	8.057	1014	1015	1030	rVB3	13012	27097	2.76%	0.215%
10	8.433	1075	1079	1081	rBV	13971	15246	1.55%	0.121%
11	8.551	1095	1099	1105	rBV3	12574	16723	1.70%	0.133%
12	8.816	1141	1144	1150	rVB5	6892	11485	1.17%	0.091%
13	8.892	1153	1157	1160	rBV4	8447	12057	1.23%	0.096%
14	9.033	1178	1181	1185	rVB2	27766	23163	2.36%	0.184%
15	9.080	1186	1189	1199	rVB	712783	631979	64.35%	5.017%
16	9.169	1200	1204	1209	rBV2	33383	34413	3.50%	0.273%
17	9.422	1244	1247	1249	rBV2	16056	13464	1.37%	0.107%
18	9.480	1253	1257	1261	rVB2	82416	93357	9.51%	0.741%
19	9.621	1278	1281	1286	rVB	32851	35061	3.57%	0.278%
20	9.669	1286	1289	1292	rBV3	14873	14807	1.51%	0.118%
21	9.698	1292	1294	1298	rVV	29798	23112	2.35%	0.183%
22	9.763	1298	1305	1308	rVV	1034223	911786	92.84%	7.239%
23	9.792	1308	1310	1314	rVB	27975	26818	2.73%	0.213%
24	9.869	1320	1323	1328	rVB5	9632	11915	1.21%	0.095%
25	9.921	1328	1332	1336	rBV6	9895	15467	1.57%	0.123%
26	9.963	1336	1339	1343	rVV3	17654	18650	1.90%	0.148%
27	10.192	1375	1378	1381	rBV2	20905	18315	1.86%	0.145%
28	10.257	1385	1389	1391	rBV4	10736	11909	1.21%	0.095%
29	10.304	1394	1397	1404	rVB2	26302	33589	3.42%	0.267%
30	10.416	1410	1416	1421	rBV3	18792	26542	2.70%	0.211%
31	10.545	1434	1438	1443	rBV	284768	258925	26.36%	2.056%
32	10.669	1456	1459	1467	rVB3	38998	50985	5.19%	0.405%
33	10.851	1487	1490	1493	rBV4	13534	15783	1.61%	0.125%
34	10.880	1493	1495	1501	rVB6	11032	12727	1.30%	0.101%

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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

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35	11.051	1521	1524	1527	rVB3	14575	14252	1.45%	0.113%
36	11.116	1532	1535	1537	rVV2	26344	25506	2.60%	0.202%
37	11.139	1537	1539	1544	rVB2	30721	32987	3.36%	0.262%
38	11.245	1553	1557	1559	rBV	830896	804358	81.90%	6.386%
39	11.263	1559	1560	1564	rVV	256504	188362	19.18%	1.495%
40	11.316	1567	1569	1573	rVB	79679	68749	7.00%	0.546%
41	11.357	1573	1576	1578	rBV4	10502	13128	1.34%	0.104%
42	11.539	1604	1607	1610	rVV	32806	22196	2.26%	0.176%
43	11.574	1610	1613	1618	rVB4	17191	21844	2.22%	0.173%
44	11.745	1638	1642	1644	rBV	53853	53358	5.43%	0.424%
45	11.768	1644	1646	1650	rVB	65836	64019	6.52%	0.508%
46	11.815	1652	1654	1657	rBV	27296	26955	2.74%	0.214%
47	11.851	1657	1660	1663	rVV	92307	99478	10.13%	0.790%
48	11.874	1663	1664	1669	rVB	44157	36645	3.73%	0.291%
49	11.927	1669	1673	1674	rBV4	9676	11771	1.20%	0.093%
50	11.945	1674	1676	1679	rVV2	20982	20440	2.08%	0.162%
51	11.974	1679	1681	1684	rVB3	15919	13397	1.36%	0.106%
52	12.039	1690	1692	1694	rBV	39714	31551	3.21%	0.250%
53	12.068	1694	1697	1701	rVB4	25666	27563	2.81%	0.219%
54	12.215	1720	1722	1724	rBV2	23636	20371	2.07%	0.162%
55	12.292	1732	1735	1738	rBV	53092	53166	5.41%	0.422%
56	12.333	1738	1742	1746	rVB5	43994	72623	7.39%	0.577%
57	12.374	1746	1749	1753	rBV2	37934	47476	4.83%	0.377%
58	12.451	1758	1762	1766	rBV	583092	473883	48.25%	3.762%
59	12.498	1768	1770	1772	rBV3	20459	21433	2.18%	0.170%
60	12.551	1775	1779	1781	rBV3	21141	31053	3.16%	0.247%
61	12.604	1786	1788	1792	rBV3	19777	16358	1.67%	0.130%
62	12.680	1795	1801	1804	rBV	514575	514678	52.41%	4.086%
63	12.704	1804	1805	1808	rVB2	41911	24525	2.50%	0.195%
64	12.733	1808	1810	1814	rVB2	24581	27400	2.79%	0.218%
65	12.798	1818	1821	1822	rBV3	30812	29105	2.96%	0.231%
66	12.821	1822	1825	1833	rVB	544388	500086	50.92%	3.970%
67	12.898	1833	1838	1842	rBV2	49276	95442	9.72%	0.758%
68	12.986	1850	1853	1854	rBV2	31609	32992	3.36%	0.262%
69	13.004	1854	1856	1860	rVB2	89278	86453	8.80%	0.686%
70	13.074	1863	1868	1870	rVB4	52944	75733	7.71%	0.601%
71	13.110	1871	1874	1877	rBV	68405	74952	7.63%	0.595%

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72	13.233	1893	1895	1899	rBV	37773	33881	3.45%	0.269%
73	13.404	1922	1924	1927	rBV	41945	38374	3.91%	0.305%
74	13.874	1999	2004	2007	rBV2	779242	929963	94.69%	7.383%
75	13.898	2007	2008	2014	rVB	213803	170671	17.38%	1.355%
76	14.351	2083	2085	2088	rBV3	73805	70739	7.20%	0.562%
77	14.892	2174	2177	2180	rBV	160110	224793	22.89%	1.785%
78	15.233	2232	2235	2240	rBV	126999	153598	15.64%	1.219%
79	15.292	2242	2245	2248	rBV2	360115	400776	40.81%	3.182%

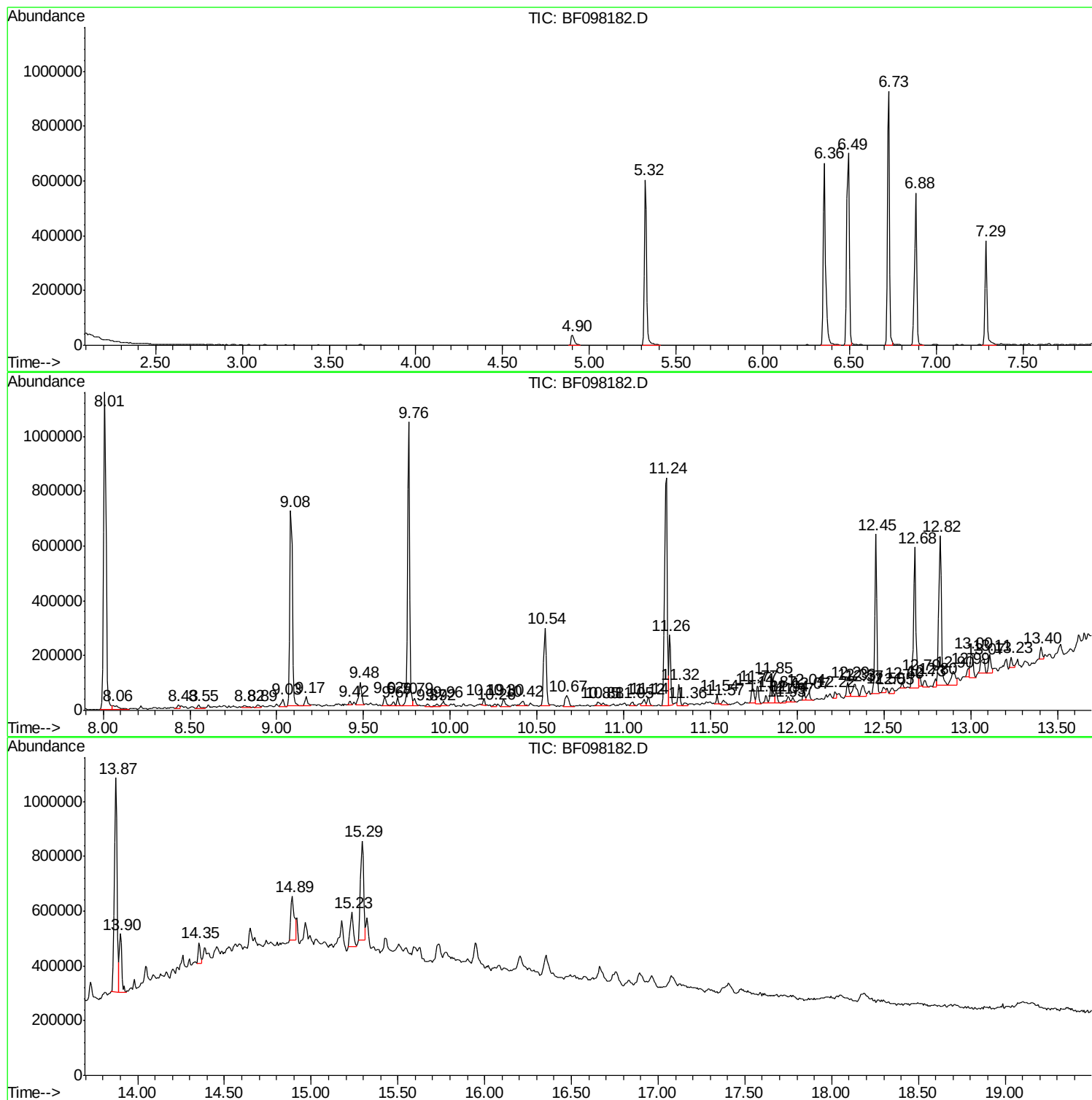
Sum of corrected areas: 12595868

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.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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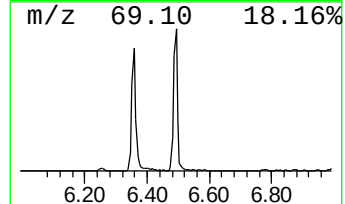
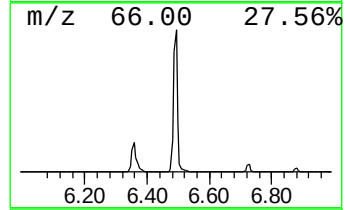
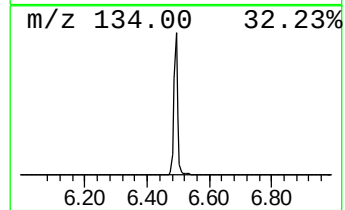
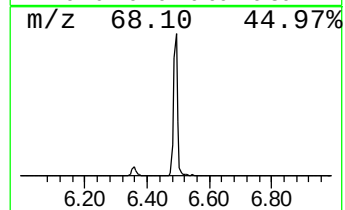
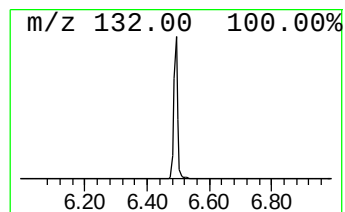
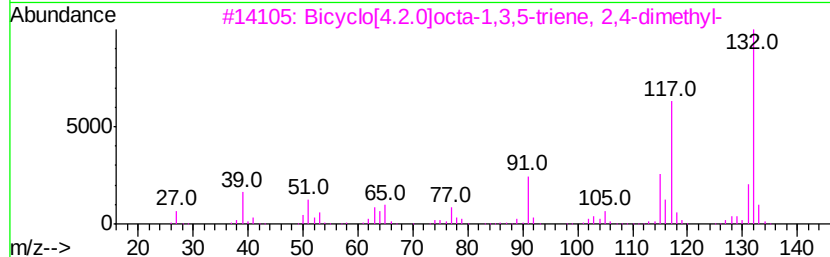
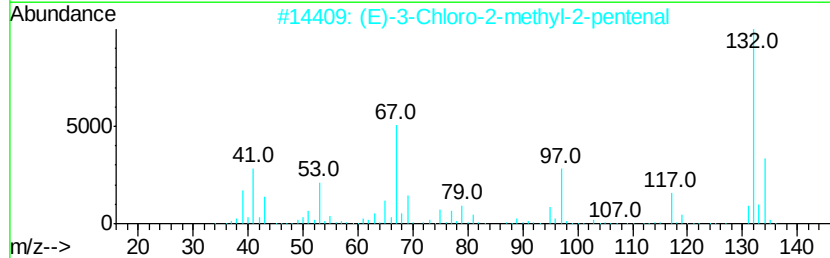
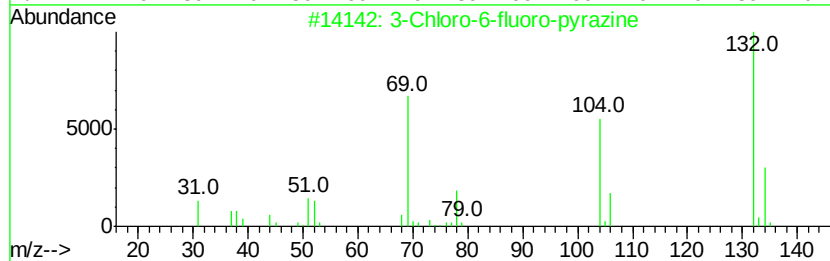
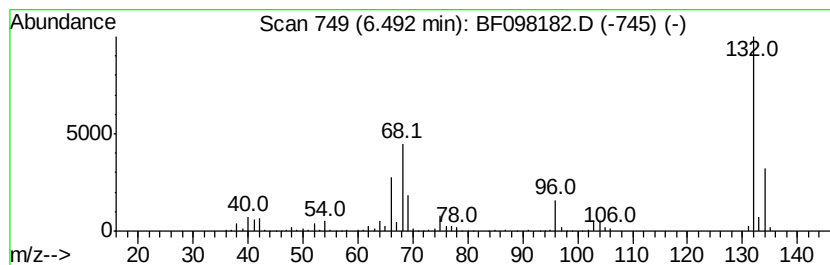
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	15.23 ng	601582	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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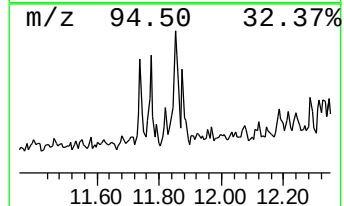
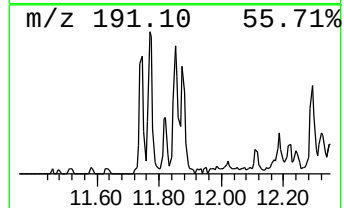
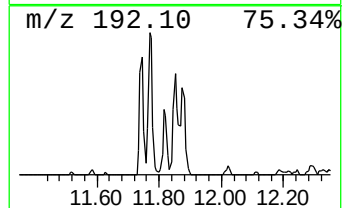
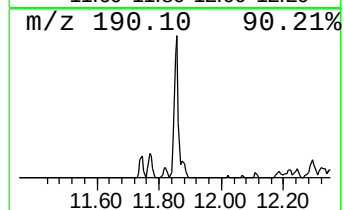
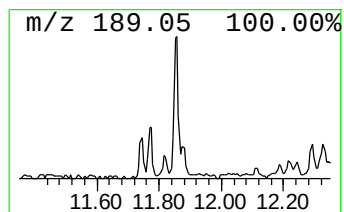
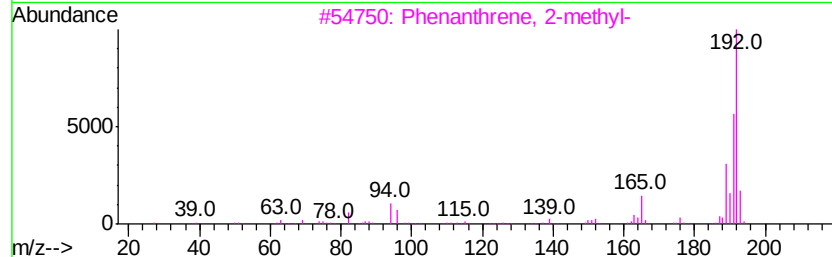
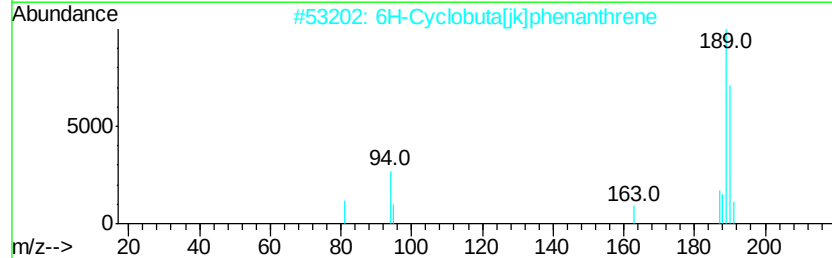
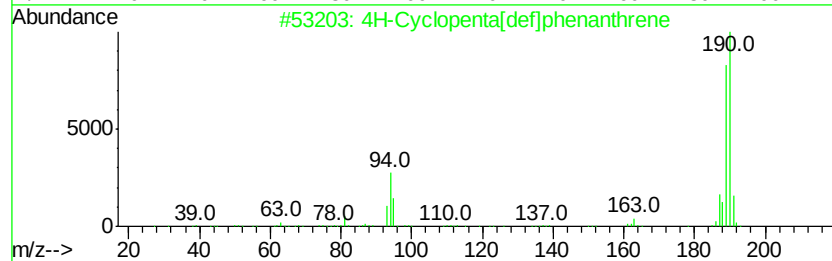
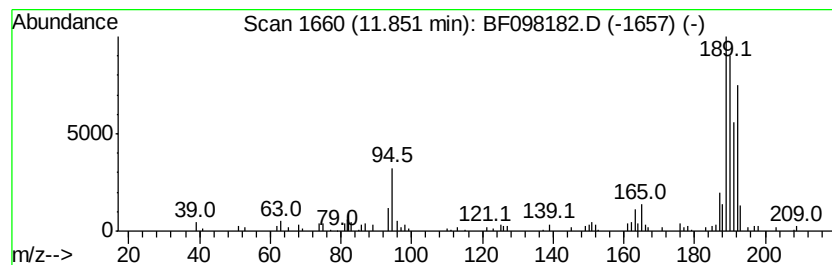
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.85	2.47 ng	99478	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2		6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	49
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



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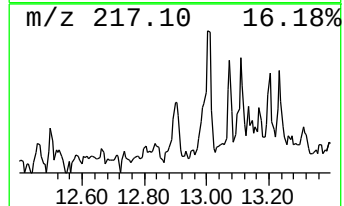
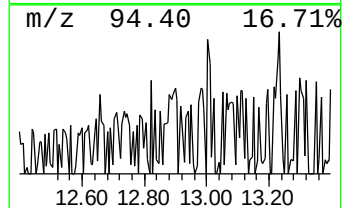
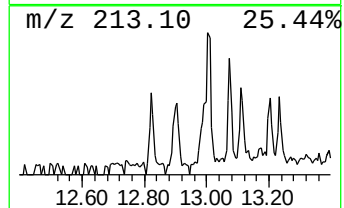
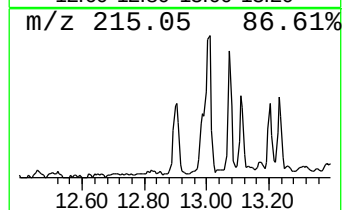
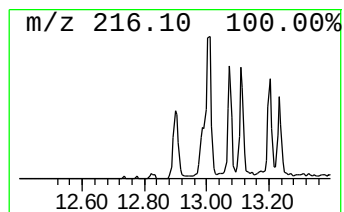
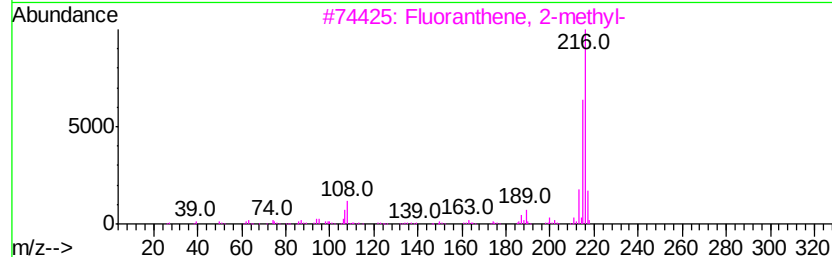
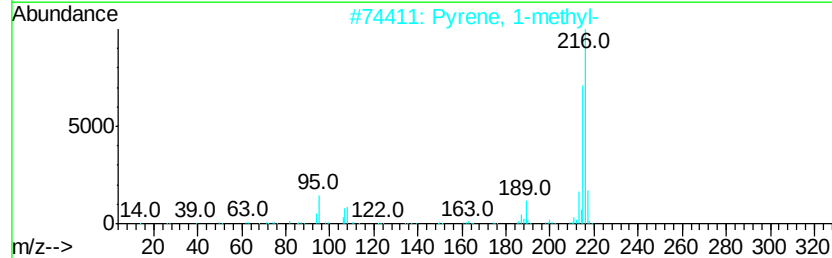
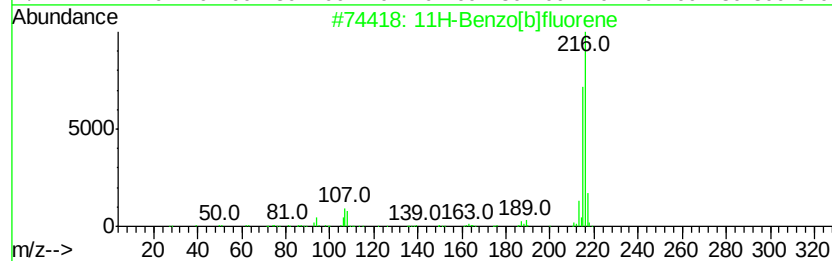
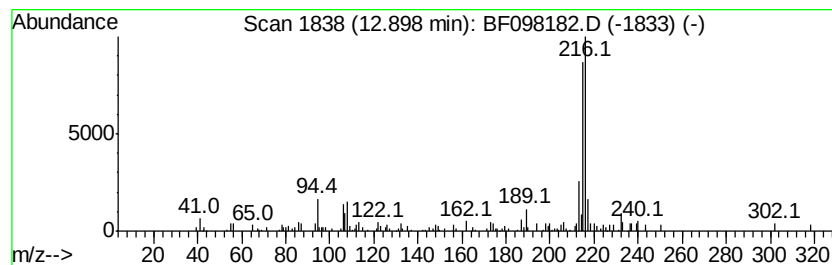
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.05 ng	95442	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.49	6.49	15.2	ng	601582	1	6.73	790069	20.0
4H-Cyclopenta[def...	11.85	2.5	ng	99478	4	11.24	804358	20.0
11H-Benzo[b]fluorene	12.90	2.0	ng	95442	5	13.87	929963	20.0